Final Design Concept Drainage Report

STATE ROUTE 303 LAKE PLEASANT PARKWAY TO I-17
DESIGN CONCEPT REPORT UPDATE

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1.0 INTRODUCTION

1.1 FOREWORD

SR 303L (Bob Stump Memorial Freeway) is located in the Northern Phoenix Metropolitan area within Maricopa County, Arizona, in the ADOT Central District. SR 303L is an urban freeway on the National Highway System with an open median between Lake Pleasant Parkway and Interstate 17 (I-17). The current freeway has been constructed as an interim facility with two 12-foot lanes in each direction of travel with 10-foot outside shoulders and 12-foot inside shoulders between the future crossroad locations. At the future crossroad locations of Pyramid Peak Parkway (67th Avenue alignment), 51st Avenue, and 43rd Avenue, the mainline lanes have not been constructed and traffic is using the crossroad ramps and the two-lane frontage road from the future 43rd Avenue to the I-17/Sonoran Desert Drive TI. The ultimate SR 303L facility is planned to provide four general-purpose lanes and one high occupancy vehicle lane (HOV) lane in each direction of travel, include service TI's at major cross streets and a full system TI at I-17 with direct connecting ramps between SR 303L and I-17.

This segment of SR 303L passes through lands incorporated by the cities of Peoria and Phoenix. The city boundary line is located along the New River alignment along 67th Avenue. Approximately 90 percent of the land along the proposed SR 303L, is undeveloped Arizona State Trust Land which is owned and managed by the Arizona State Land Department (ASLD). Small percentages of the land are controlled by the U.S. Bureau of Land Management (BLM), the U.S. Bureau of Reclamation (BOR), and Maricopa County.

1.2 NEED FOR THE PROJECT

ADOT, the Maricopa Association of Governments (MAG) and the Regional Public Transportation Authority (Valley Metro/RPTA) have worked together for many years to develop a comprehensive plan for the Regional Freeway System which is included in the Regional Transportation Plan (RTP) adopted by the MAG Regional Council in November 2003.

The voters of Maricopa County passed Proposition 400 in November 2004, which authorized the continuation of an existing half-cent sales tax for 20 years to be used for implementing the MAG RTP. A portion of the revenues collected from the half-cent sales tax are deposited into the Regional Area Road Fund (RARF) to fund the RTP Freeway Program (RTPFP).

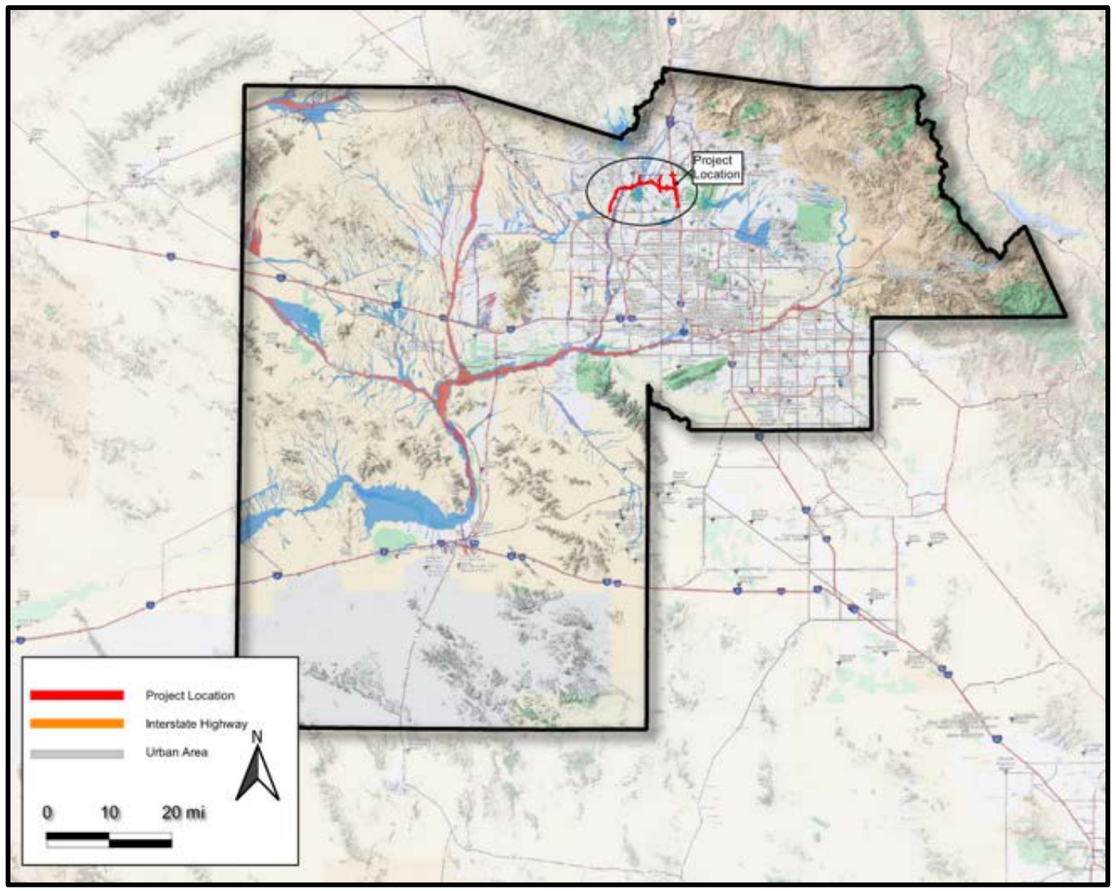
SR 303L (Bob Stump Memorial Freeway) is a major element of the MAG adopted RTPFP. This segment of SR 303L accommodates traffic from the Maricopa Freeway (I-10) to the Black Canyon Freeway (I-17). SR 303L serves several west valley communities, including the Cities of Goodyear, Glendale, Surprise, Peoria and Phoenix, and portions of unincorporated Maricopa County.

Maricopa County has been one of the fastest growing regions in the United States for many years. Projections predict the population of Maricopa County will increase by nearly 30 percent between 2020 and 2040. Several west valley communities rank among the fastest growing in the United States and this growth is contributing to increasing traffic congestion throughout the region, including along the SR 303L corridor, during the morning and evening peak travel periods. This background growth, along with the rapidly developing Taiwan Semiconductor Manufacturing Corporation (TSMC) sitegenerally located north of SR 303L to south of Dove Valley Road, and between 43rd Avenue and the Deadman Wash Tributary No. 2 (west of 51st Avenue) will further contribute to deteriorating traffic operational performance. Additional general-purpose lanes would increase the freeway capacity and help alleviate this increased traffic congestion.

A construction project is currently underway on SR 303L between Happy Valley Parkway and Lake Pleasant Parkway that will add a third general purpose lane on SR 303L, toward the median, and will also construct the Jomax Road TI. The SR 303L Lake Pleasant Parkway to I-17 project would also add one additional general-purpose lane in each direction of travel and includes potential implementation of direct-connecting ramps at the I-17/SR303L system interchange, which would be consistent with the SR 303L segments to the south, and would also continue the implementation of the overall system planned throughout the Regional Freeway System.

The SR 303L general-purpose lane widening project is not currently included in the RTPFP; however, it may be funded in the future using the current funding secured through the Regional Area Road Fund, or through other funding sources including a potential continuing extension of the half-cent sales tax, federal funding, state funding, or other funding sources.

Figure 1. Project Location Map



1.3 DRAINAGE CONSIDERATIONS

On-Site Drainage System

Table 1. Existing Cross Culverts Summary Table

SR 303 Centerline Station	Barrels (No.)	Size (ft)	Skew (Lt/Rt)	Length (ft)	Design Flow Q50 (cfs)	Upstream Invert Elev (ft)
1824+81.79	1	8’ x 6' RCBC	-	318’	106	1477
1833+83.95	1	48" CMP	Right	487’	45	1481.95
1856+25.00	1	10’ x 12' RCBC	Right	452’	447	1482.75
1879+57.00	1	36" RCP	-	337’	50.62	1493.58
1889+51.52	1	36" RCP	Left	326’	48.65	1490.33
1893+80.70	1	36" RCP	Right	337’	44.06	1494.03
1909+35.39	2	27.75’ x 6' Super-Box	-	266’	1,797	1495.05
2073+70.50	2	36’ x 10' Super-Box	-	200’	829	1551.2
2091+53.44	4	10’ x 6' RCBC	Right	355’	579	1559.3
2120+14.02	2	10’ x 6' RCBC	-	440’	265	1576.45
2142+70.77	2	6’ x 6' RCBC	-	438’	183	1583.78
2160+36.03	2	10’ x 6' RCBC	Left	602’	587	1584.32

On-site freeway drainage is collected and conveyed through a system of catch basins, lateral pipes and trunk lines discharging into the freeway offsite drainage systems. Final drainage reports prepared for the original freeway projects were reviewed along with the Design Concept Report Concept Drainage Report (2005) and regional flood control district area drainage master studies.

In tangent sections with a “normal crown” pavement cross-section, runoff flows away from the inside travel lanes to curb inlets on the outside edge of the roadways. The existing open median areas collect runoff in ADOT C-15.80 median catch basins.

In curved sections with a superelevated pavement cross-section, the freeway has median curbs and gutters with catch basins where the low side of the roadway in superelevated areas are adjacent to the median. Existing bridge areas have concrete barriers approaching and departing the bridges.

Pavement runoff in superelevated areas is currently collected in median catch basins. In several areas, temporary pipe stubs were placed along ramps for connecting to future mainline pavement inlets.

1.4 DRAINAGE

1.4.1 Box Culverts

SR 303 corridor offsite flows are managed a series of interceptor channels paralleling westbound and freeway interchange ramps along with large waterway spur dikes and levees. Large washes and rivers drain through existing bridge structures. Smaller local washes drain to cross culvert circular pipe conduits or box culvert crossings. There are 16 reinforced concrete box culverts that cross SR 303 from north to south and 2 proposed box culverts that cross 67th Avenue.

The RCBC crossings for storm water are multi-barrel reinforced box culverts that are located on SR 303 crossing the freeway. These RCBC crossings convey storm water from the north channel system into the river/washes crossing the freeway, which could be found in Table 3. River/Wash Summary Table. Review of Cross culverts and waterway bridge structures were planned and constructed for the ultimate condition with additional inside lane general purpose pavement. The proposed box culverts crossing proposed 67th Avenue are discussed in Section 1.5.1 The existing Reinforced Concrete Box Culverts (RCBC) are shown in Table 1.

1.5 DRAINAGE

1.5.1 Off-Site Drainage Systems

Existing offsite Drainage System Overview

The previous DCR report identified off-site drainage improvements along the DCR corridor limits. These included large bridge crossings at the CAP wash, CAP siphon, Agua Fria River, New River, Deadman Wash, Upper Buchanan Wash, and other Biscuit Flash washes. These bridges, interceptor drainage channels, and cross culverts were designed and constructed in the two interim roadway projects (H7156 and H7157). The proposed widening and new lanes associated with the Build Alternative were reviewed to identify offsite drainage facilities that would be impacted by the improvements. The primary area with offsite drainage impacts is along the north side and south side of the SR 303 where the system of concrete lined channels and reinforced concrete box culverts are located. Table 2 identifies existing offsite drainage channels along SR 303. In general, the area along the outside edge of the concrete channel has continuous maintenance access roads throughout the corridor.

Proposed Offsite Drainage System

Almost all of the offsite drainage improvements along the SR303L corridor from Lake Pleasant Parkway to I-17 have already been constructed by the interim roadway projects, excluding the final design near term traffic interchange for the 43rd Avenue and 51st Avenue interchanges (F0424) which has identified additional offsite drainage improvements relevant to that project and the Taiwan Semiconductor Manufacturing Company plant. Based on SR 303 offsite drainage system existing condition, SR 303L inside widening and improvements would not significantly impact existing offsite drainage system. All existing offsite channels and culverts were designed and constructed for the flood-carrying capacity. From existing SR 303 STA 1935+00 to existing SR 303 STA 1945+00, the 67th Avenue interchange crosses a tributary wash to Deadman Wash and a mapped floodplain with multiple shallow wash channels. Two new box culverts north of SR303L under 67th Avenue

have been identified and will cross at the location of Existing Concrete Channel N1 draining east to west and a natural wash channel further north. Three interchanges design alternatives for a Single-Point Urban Interchange (SPUI), Diverging Double Diamond Interchange (DDI) and Standard Diamond Interchange (SDI) were analyzed for the offsite drainage crossings.

The Existing Concrete Channel N1 will need to be reconstructed with transition wingwalls and maintenance access at the new crossing. A new 2 barrel - 8' Span x 6' Rise Reinforced Concrete Box Culvert is identified for the crossing at 67th Avenue. Another 2 - 8' x 6' RCBC is designed for the crossing at the north of interchange for the Deadman Wash Tributary crossing the 67th Avenue. Based on the N1 channel design flow (50-year), the 2 crossing culverts design Q will be 489.5 cfs, each. The design Q is obtained from the Estrella Freeway, SR303L Happy Valley Road to I-17 Final Design Concept Report and interim roadway project final design report (H7157). For the Deadman Wash Tributary crossing culverts, which is north of the interchange, the length of the culverts will be 343 ft (DDI alternative), or 382 ft (SDI alternative). For the Channel culvert. The length of the culvert will be 282 ft (DDI alternative), or 187 ft (SDI alternative), and requires the removal of 187 ft N1 channel. The new 67th Avenue box culverts, roadway embankments, and channel lie in an existing Deadman Wash tributary floodplain. A floodplain mapping revision should be performed in accordance with local floodplain management requirements and FEMA requirements for any impacts to the floodplain or floodway.

1.5.2 On-Site Drainage Systems

Existing Onsite Drainage System Overview

Onsite drainage systems are a combination of closed conduit storm drain networks and open roadside ditches. Closed conduit systems are used throughout the project. On-site freeway drainage is collected and conveyed through a system of catch basins, lateral pipes and trunk lines discharging into the freeway offsite drainage systems. Based on the roadway sections, storm drain catch basin type C-15.92 and C-15.91 were placed along the roadway curb edges. Lateral storm drains connect pavement inlets that drains to the concrete channels. The concrete channels are along the north or south sides of SR 303 and connects to large washes/river crossing the SR303. The channels are listed in Table 2. Some existing onsite drainage systems outfall to the nearby crossing RCBC between SR303 WB and SR303 EB, ADOT Standard median drop inlets C-15.80 were placed to drain the median runoff to the connected storm drain systems. Some of these directly outfall to the side ditch/small washes along SR 303, which flow to main river/washes. For the SR303/I-17 system interchange, storm drain systems outfall to large retention basins located northwest and southwest of the interchange. Part of storm drain systems north of the interchange, outfall to the retention basin northwest of the interchange. The northwest retention basin is connected to and outfalls to the southwest retention basin by the storm drain system crossing SR 303. Most of the storm drain systems near the interchange outfall to the southwest retention basin. The southwest retention basin outfalls to the 48" trunkline. Storm drain systems on I-17 SB and median, outfalls to the 48" crossing pipe north of D Dove Valley RD to the east of I-17. Some storm drain systems on the I-17 and ramps outfall to ditches between I-17 and ramps that outfall to the west or east sides of I-17. The other small storm drain systems on the interchange ramps directly outfalls to the small creeks or ditches along I-17 which ultimately drain east to Skunk Creek.

Catch Basins

The drainage evaluation was based on the requirements of Chapter 600 of ADOT's Roadway Design Guidelines. The minimum catch basin spacing was based on the allowable spread requirements for each roadway classification. The delineation of the onsite drainage basins was conducted based on the location of inlets and roadway geometry for the Preferred Build Alternative. Rational method calculations were conducted using a minimum 10-minute time of concentration for the calculation of design peak flows.

Preliminary gutter and inlet hydrologic and hydraulic calculations follow guidelines and procedures in the ADOT Hydraulic Manual and HEC-22 publications.

Proposed Onsite Drainage System

In SR303/I-17 projects drainage design, there are 197 proposed storm drain catch basins, 15 manholes, and 16,303 linear feet of pipe. For 197 storm drain catch basins, 168 storm drain catch basins are ADOT Standard C-15.92/C-15.91 freeway catch basins and 29 are ADOT Standard C-15.80 median drop catch basins/area inlets. Based on SR303 mainline spread calculations, new inlets are placed as needed and existing storm drain catch basins are replaced where the new freeway widening overlaps the existing inlets. Based on the new SR303 alignment, the sag/flanking inlets are placed at the sag points with calculated offsets. The ramp inlets are designed along the ramps' curb considering superelevation and sag/low points, outfalling to adjacent storm drain systems. The new sag inlets are placed at the new SR303 STA 2128+90.00 and new SR303 STA 2057+10.00. New sag inlets will replace the existing sag inlets at the new SR303 STA 1996+80.00. To minimize construction costs, the existing storm drainage system are kept, utilized and improved as much as possible. However, catch basins and pipes removal are still needed and replaced by new storm drainage systems based on the new freeway improvements and spread calculations.

1.5.3 Floodplains

There are multiple mapped floodplains along the DCR corridor from Lake Pleasant Parkway to I-17. The floodplains drain the areas north of the freeway to regional waterways. The regulatory floodplains relevant to the SR303 corridor for the DCR are summarized in Table 3 below. Refer to the local floodplain manager and FEMA data sources for effective GIS mapping data and hydraulic models. The below effective FIRM panel maps have since been revised by LOMR that are in the FEMA GIS system but no mapping panel update has been made yet. For example, floodzone areas reduced by levee certification at Agua Fria River bridge and New River bridge are not mapped on the FEMA effective map panels but are shown in the LOMR in the effective FEMA GIS database as LOMR 20-09-1553P effective 7/29/2020.

Table 3. FEMA Floodplain Summary Table

River / Wash Name	FEMA PANEL #	MAP #	Floodplain Jurisdiction	Map Panel Effective Date	Flood Hazard Area Designation
New River West Tributary 5	0840	04013C0840L	CITY OF PEORIA	10/16/2013	AE
New River & New River West Tributary 5, 10, 15,	0840	04013C0840L	CITY OF PEORIA/ CITY OF PHOENIX	10/16/2013	AE
Deadman Wash Tributary 1	0840	04013C0840L	CITY OF PEORIA	10/16/2013	A
Deadman Wash	0840/ 0845	04013C0840L/ 04013C0845L	CITY OF PEORIA CITY OF PHOENIX	10/16/2013	AE
Deadman Wash Tributary 2	0845	04013C0845L	CITY OF PHOENIX	10/16/2013	A
Deadman Wash Tributary 2a	0845	04013C0845L	CITY OF PHOENIX	10/16/2013	A
Upper Buchanan Wash	0845	04013C0845L	CITY OF PHOENIX	10/16/2013	A
CAP Wash West	0845	04013C0845L	CITY OF PHOENIX	10/16/2013	A
CAP Wash East	0845	04013C0845L	CITY OF PHOENIX	10/16/2013	A
Skunk Creek	0845	04013C0845L	CITY OF PHOENIX	10/16/2013	AE

The proposed drainage crossings at these locations were designed to minimize floodplain and floodway encroachment, and to ensure that each crossing is adequately sized for the flood-carrying capacity. FEMA criteria allow water surface elevation increases of one foot or less in regulated floodplains where no floodways have been designated.

The new 67th Avenue box culverts, roadway embankments, and channel lie in an existing Deadman Wash tributary floodplain. A floodplain mapping revision should be performed in accordance with local floodplain management requirements and FEMA requirements for any impacts to the floodplain or floodway.
Changes to floodplains and floodways north of the ADOT ROW are proposed due to offsite private development. The changes may impact floodplain mapping and base flood elevation at the Loop 303 corridor.

Table 2. Existing Concrete Channels Summary Table

Channel ID	Start Stationing	End Stationing	Length (ft)	Left/Right	Design 50-Year Flow (cfs)	Bottom Width (ft)	Depth (ft)	Side Slope (H:V)
S1	10+00.00	23+00.00	1300	Right	483	35	3.3	2:1
	23+50.00	46+35.00	2285		416	30	3.3	2:1
	47+00.00	67+71.29	2071.29		96	10	2.6	2:1
N1	10+00.00	46+33.18	3633.18	Left	979	25	4.3	2:1
N2	10+00.00	37+50.00	2750	Left	3,226	78	6	2:1
	37+50.00	38+00.00	50			78	7.4	2:1
	38+00.00	38+50.00	50			78	7.4	2:1
	38+50.00	47+88.63	938.63		1,483	40	5.1	2:1
N3	13+43.53	14+43.53	100	Left		25	4.1	2:1
	14+43.53	14+92.71	49.18			25	3.9	2:1
	18+92.71	20+92.71	200			25	3.5	2:1
	20+92.71	24+42.71	350			25	3.2	2:1
	24+42.71	28+92.16	449.45		278	25	2	2:1
N4	10+06.50	26+25.00	1618.5	Left	58.6	8	4	2:1
	26+55.93	29+28.49	272.56			8	2.5	2:1
N5	10+00.00	10+90.00	90	Left	41	8	3.16	2:1
	11+89.69	19+46.00	756.31			8	2	2:1
N6	10+00.00	15+65.00	565	Left	64	8	4	2:1

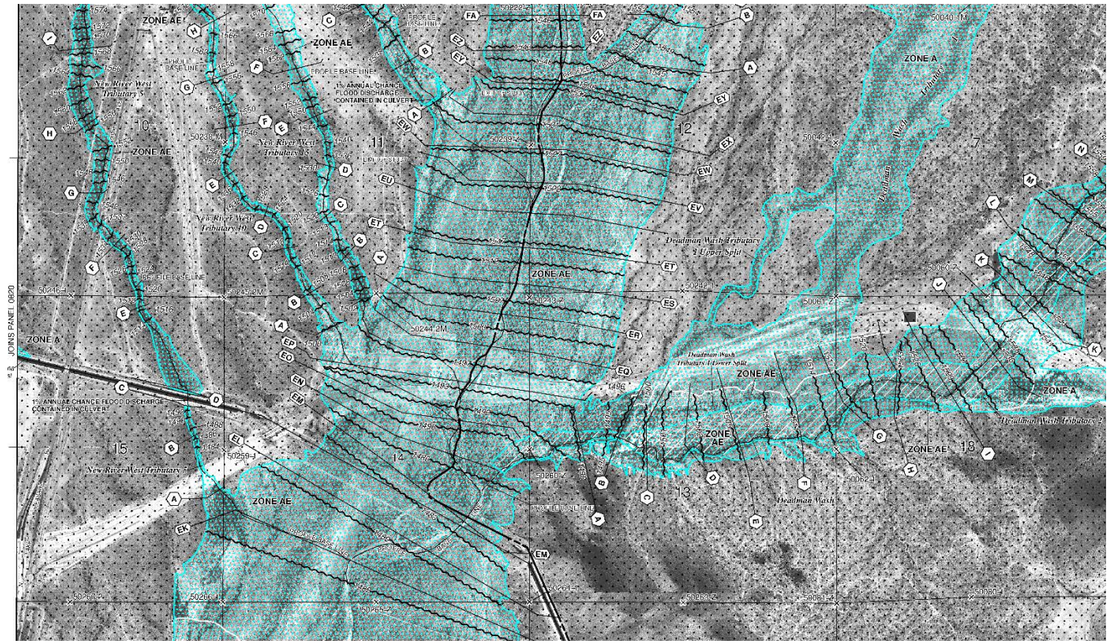


FIGURE 2. FEMA FLOODPLAIN MAP PANEL 04013C08040L EFFECTIVE 10/15/13

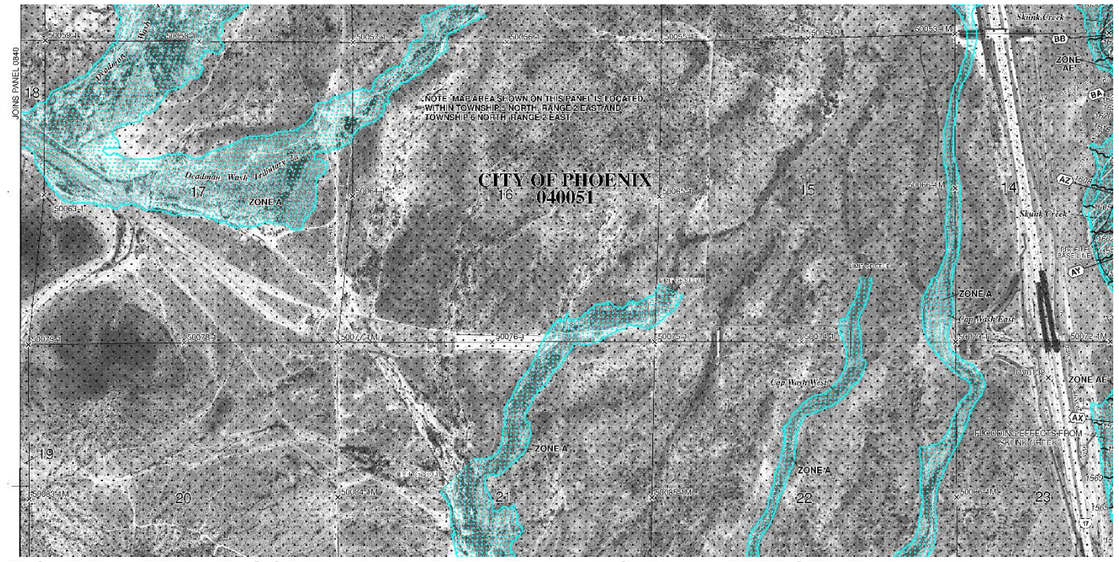


FIGURE 3. FEMA FLOODPLAIN MAP PANEL 04013C08045L EFFECTIVE 10/15/13

1.6 DESIGN CRITERIA

The drainage evaluation was based on the requirements of Chapter 600 of ADOT's Roadway Design Guidelines. The minimum catch basin spacing was based on the allowable spread requirements for each roadway classification.

The on-site drainage analysis evaluated the pavement drainage system modifications that would be needed to support the widened freeway mainline and interchange ramp realignment areas.

The proposed SR 303 mainline inside widening and the construction of the ramps would require the relocation of the catch basins currently located along the outside edges of the roadways. All of the current on-site drainage system outfalls retained with connections to the existing off-site drainage system. New catch basins and new drainage system would be constructed based on the new ramps and new widening shoulders.

The relocation of catch basins will require the extension of the existing storm drain system to connect existing laterals to the new catch basins. Additional catch basins and manholes are proposed at some locations to conform to the new roadway widths and design criteria.

Special detail catch basins or manholes are proposed to retain or improve maintenance access to all existing lateral and trunk lines. These drainage structures are referred to with the word "Mod" before the structure name callout in the plans. The modifications to these structures may include reshaping existing catch basins when the proposed catch basin is located close to the existing inlet. Other cases include modification of existing manholes into catch basins, or capping existing manholes and catch basins. The intent is to eliminate the presence of manhole rims located in the roadway pavement while meeting the maximum spacing criteria required for the trunk line's diameter. The design of special detail maintenance access structures will be coordinated with ADOT Drainage Design Section and Phoenix District representatives during final design.

When laterals are used to connect new catch basins with existing catch basins or manholes, the laterals are angled in the upstream direction at 45 degrees from perpendicular to the trunk line. In this way, the maintenance equipment used to clean out the storm drains could more easily make the turn from the lateral into the trunk line. These angled laterals would be needed a minimum of every 330 feet (as measured along the trunk line) to provide adequate access to the trunk line. Alternatively, if the 45-degree lateral was not possible, ADOT Phoenix Maintenance District (ADOT Maintenance) stated that a 48-inch perpendicular lateral could be used, as long as the lateral length was less than 15 feet. For all lateral treatments, ADOT Maintenance stated that it would be preferable to have the bottoms of capped catch basins or manholes to be rounded, or for prefabricated tees to be used at the junctions. Furthermore, they stated that it would be best if the prefab tees could be made with matching inverts. Standard prefab tees are made with matching pipe centerlines.

1.7 DRAINAGE ANALYSIS

1.7.1 Onsite Drainage

The onsite drainage analysis, spread calculations and drainage areas analysis are performed in this project for onsite drainage design along the SR 303 mainline. The drainage areas are delineated based on proposed SR 303 alignment data. Considering crests, sag points, and superelevation locations, onsite drainage items and storm drain catch basins are proposed and designed based on spread calculations and drainage areas. To calculate the spread, the spread calculation calculates every 5 ft pavement runoff, using rational method per drainage ADOT design manual. The flow directions are determined from SR 303 alignment longitudinal and cross slopes. The catch basins drainage items with assumed capture ratio were inserted in the calculation to calculate the capture volume and carry over volume to next 5 ft sections.

The rainfall intensity and depth data are collected from NOAA Precipitation Atlas 14 data, which are shown in Appendix B. The drainage areas are delineated from geometry alignment data, spread calculation, and storm drain catch basin locations. Within the data range of geometry data limits, the drainage area and spread calculation are prepared from SR 303 STA 1972+00.00 to SP303 STA 2158+15.00. The onsite drainage area map can be found in Appendix C. The onsite pavement spread analysis did not analyze local road traffic interchange ramp drainage and inlet spacing.

For the storm drainage areas outside of calculation limits (I-17 and ramps for example), the storm drain catch basins are going to be placed at sag points, superelevation locations and other necessary locations to ensure the shoulder spreads are within the standard limits. The drainage systems outside of calculated drainage areas are designed with enough capacity to catch runoff from pavement freeway and outfalls to offsite drainage systems.

1.7.2 Offsite drainage

The proposed 2 x 8' x6' reinforce concrete boxes are designed on new 67th Avenue, from existing SR303 STA 1935+00.00 to existing SR303 STA 1945+00.00, crossing 67th Avenue and existing concrete channel N1. Based on the N1 channel design flow rate and Deadman Wash tributary flow rate, the estimated Q of 579 cfs is used in the RCBCs design. See Section 1.5.1 for more detail. The FHWA culvert software HY-8 V7.6 was used for the hydraulic analysis of the proposed reinforced concrete box culverts. The culverts and roadway data are collected from roadway design data and existing concrete channel N1 data. The new culverts at 67th Avenue Interchange are modeled using FHWA HY-8 results are listed in Appendix E.

1.7.3 FEMA Floodplain Impacts

There are a number of existing FEMA and local jurisdiction floodplains along the Loop 303 corridor from Lake Pleasant Parkway to I-17. Many of the major wash and river crossings were design and constructed to the ultimate freeway width in the original freeway roadway construction project in 2013. The proposed SR303 mainline widening and proposed traffic interchanges would encroach into some of the local floodplains and floodways. Below is a summary of the impacts and final design recommendations. The final design phases of the freeway improvements should meet with local floodplain administrators to determine what mitigations are required and if mapping revisions will be required.

Table 4. FEMA Floodplain Impact Summary Table

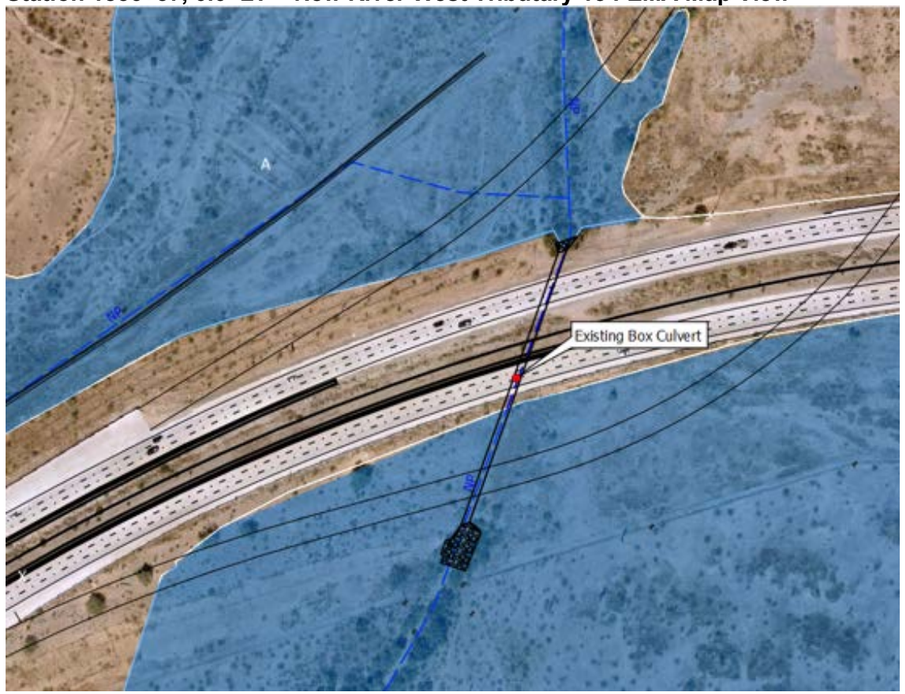
Stationing	River / Wash Name	Floodplain Jurisdiction	Flood Hazard Area Designation	Description of Impact	Final Design Recommendation
SR303L Med 1824+82, 0' LT	New River West Tributary 5	CITY OF PEORIA	AE	Median inside widening into mapped Zone A floodplain	Wash crosses Loop 303 mainline roadway through an existing cross culvert constructed with H7157 Interim Roadway Project. There will be no impacts to floodplain / floodway from inside widening. There are no FEMA mapping revisions recommended at this floodplain location. No mapping revisions were performed for this culvert crossing in the H7157 Interim
					Roadway improvement project when the existing culvert was constructed.
SR303L Med 1824+82 1839+15 1856+37 1839+15, 0' LT	New River New River West Tributary 5, 10, 15,	CITY OF PEORIA/ CITY OF PHOENIX	AE A AE AE	No Impacts	No Recommendations
SR303L Med 1909+35, 0' LT	Deadman Wash Tributary 1 / Tributary 1 Upper Split	CITY OF PHOENIX	A	No Impacts	No Recommendations
SR303L Med 1939+96, 306.0' LT & 1941+01, 848.0' LT	Deadman Wash Tributary 1	CITY OF PHOENIX	A	Roadway Embankment Channelization Hydraulic Structure	Recommend coordination with City of Phoenix Floodplain Manager on need for FEMA Mapping Revision due to earthwork from proposed 67th Avenue Roadway, channelization of Deadman Wash Tributary 1, and new roadway cross culverts.
SR303L Med 1937+00, 820.0' RT	Dead Man Wash Tributary	CITY OF PHOENIX	AE	Roadway Embankment	Recommend coordinate with City of Phoenix Floodplain Manager on need for FEMA Mapping revision due to roadway fill material in north bank of Dead Man Wash Tributary 1 Zone AE floodplain and floodway.
SR303L Med 1968+60, 0.0' LT	Deadman Wash	CITY OF PHOENIX	AE	No Impacts	No Recommendations
SR303L Med 1987+30, 207.0' LT	Deadman Wash Tributary 2	CITY OF PHOENIX	A	No Impacts	No Recommendations
SR303L Med 2008+02, 156.0' LT	Deadman Wash Tributary 2a	CITY OF PHOENIX	A	No Impacts	No Recommendations. Offsite development for Taiwan SemiConductor Corporation processing CLOMR / LOMR for offsite impacts to Deadman Wash Tributary 2a. CLOMR approved by FEMA 8/20/21.
SR303L Med 2091+50, 0.0' LT to 2109+46, 472' LT	Upper Buchanan Wash	CITY OF PHOENIX	A	Roadway Embankment Channelization Hydraulic Structures	Floodplain mapping revisions to be processed in F0424 01D SR303, 51st Avenue to 43rd Avenue Final Design project
SR303L Med 2142+70, 0.0' LT	CAP Wash West	CITY OF PHOENIX	A	No Impacts	No Recommendations
SR303L Med 2160+35, 0.0' LT	CAP Wash East	CITY OF PHOENIX	A	Roadway Embankment	Recommend coordinate with City of Phoenix Floodplain Manager on need for FEMA Mapping Revision due to SR303 mainline embankment fill in Zone A floodplain.

Stationing	River / Wash Name	Floodplain Jurisdiction	Flood Hazard Area Designation	Description of Impact	Final Design Recommendation
I-17 Med 1000+00, 000.0’ RT	Skunk Creek	CITY OF PHOENIX	AE	Roadway Embankment	Recommend coordinate with City of Phoenix Floodplain Manager on need for FEMA Mapping Revision due to potential SR303/I-17 System Interchange ramp embankment fill in Zone AE floodplain.

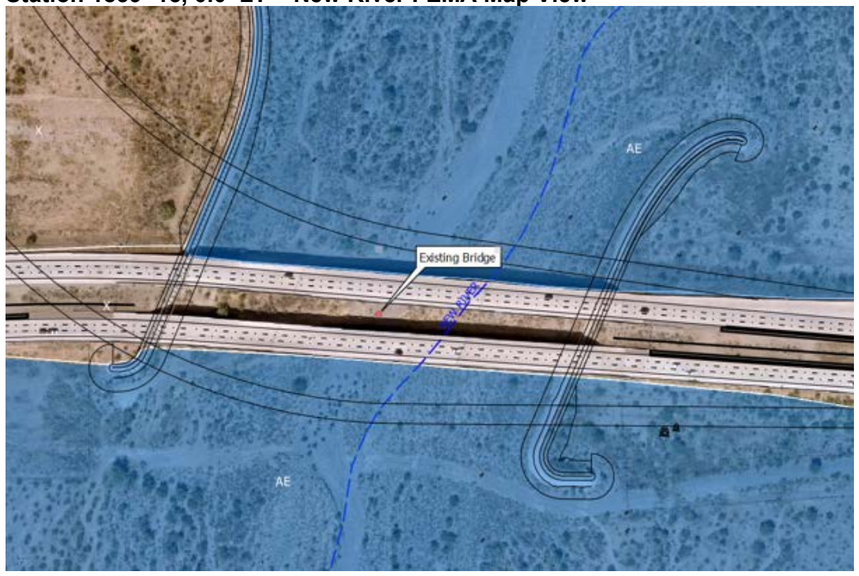
Station 1824+82, 0.0’ LT – New River West Tributary 5 FEMA Map View

Station 1869+15, 0.0’ LT – New River West Tributary 10 FEMA Map View

Station 1856+37, 0.0’ LT – New River West Tributary 15 FEMA Map View

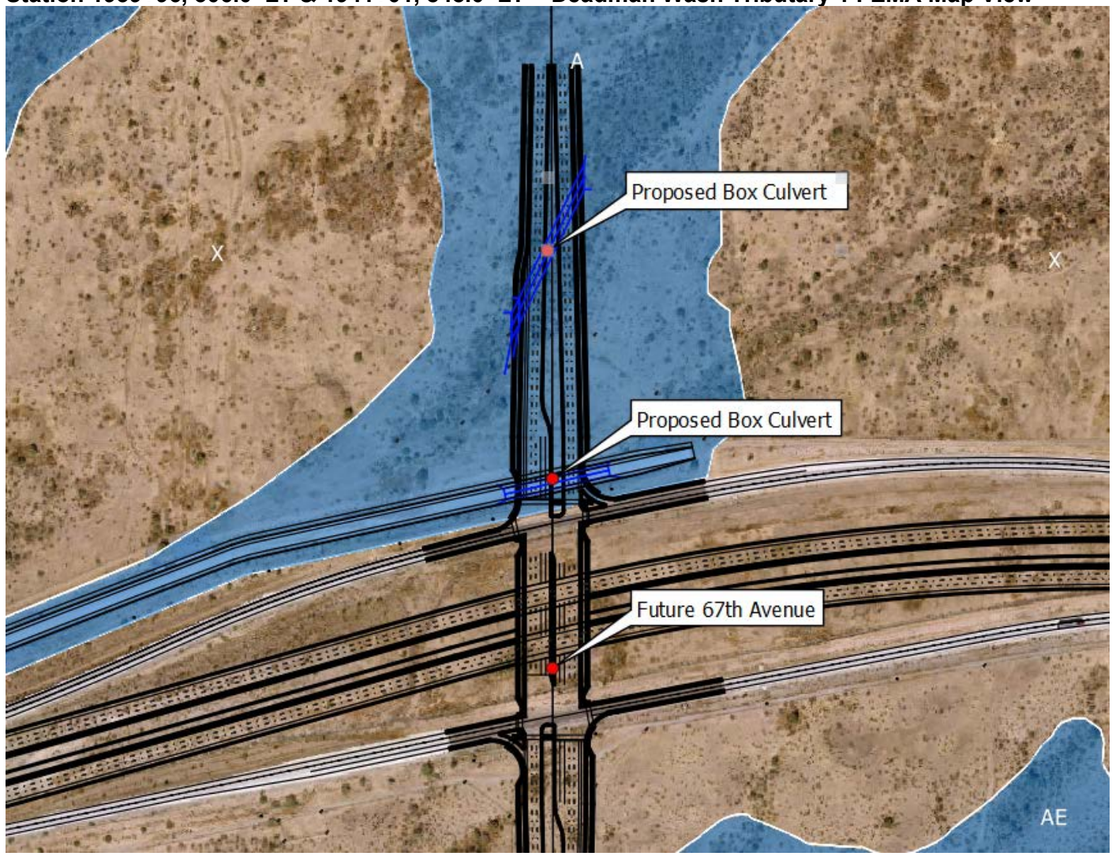


Station 1839+15, 0.0’ LT – New River FEMA Map View

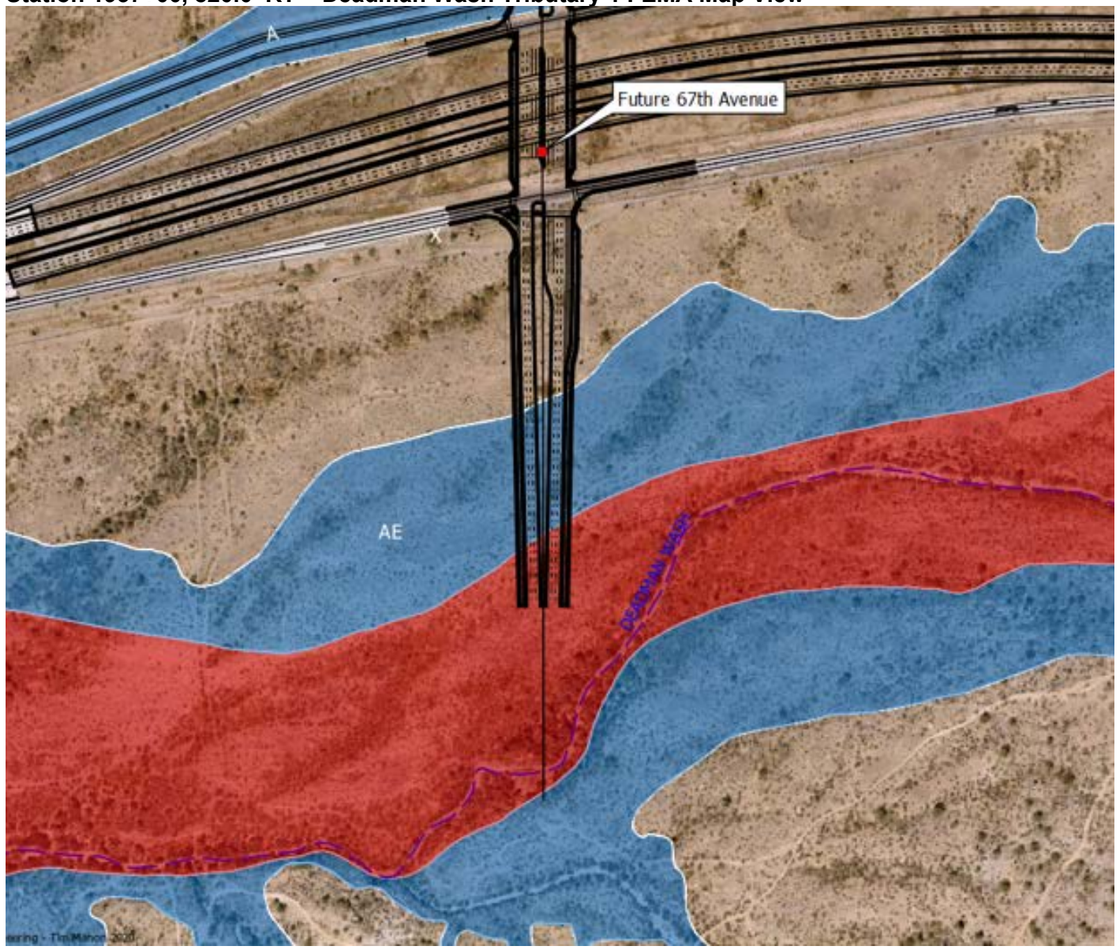


Station 1909+35, 0.0’ LT – Deadman Wash Tributary 1 FEMA Map View

Station 1939+96, 306.0’ LT & 1941+01, 848.0’ LT – Deadman Wash Tributary 1 FEMA Map View



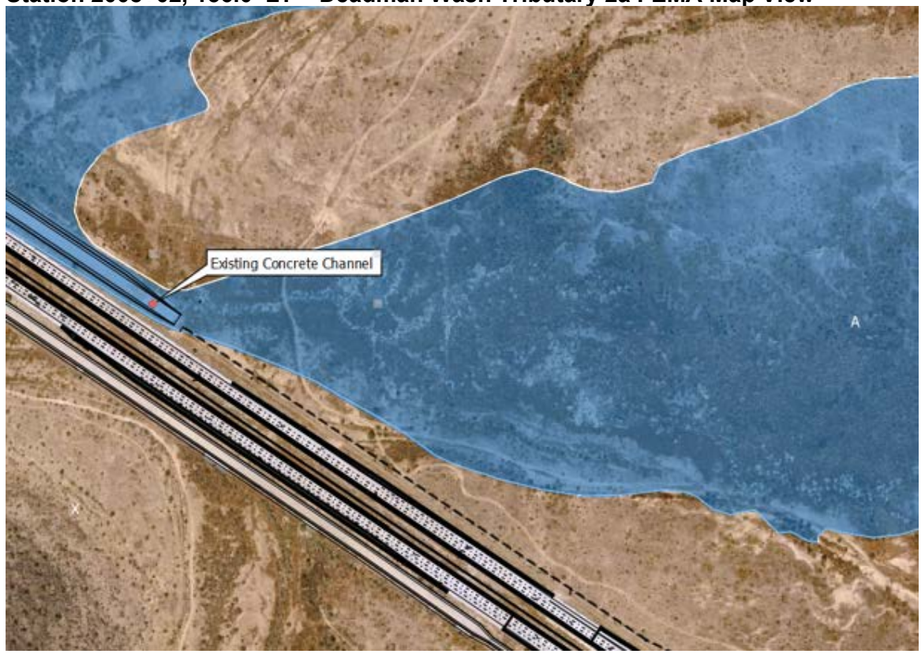
Station 1937+00, 820.0’ RT – Deadman Wash Tributary 1 FEMA Map View



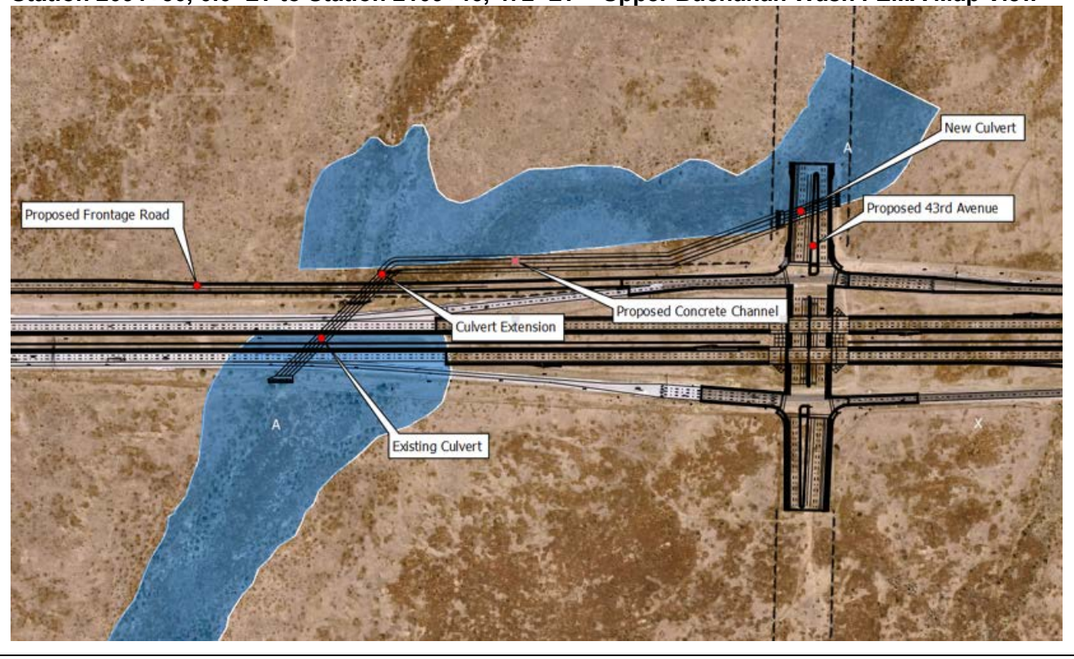
Station 1968+60, 0.0’ LT – Deadman Wash FEMA Map View

Station 1987+30, 207.0’ LT – Deadman Wash Tributary 2 FEMA Map View

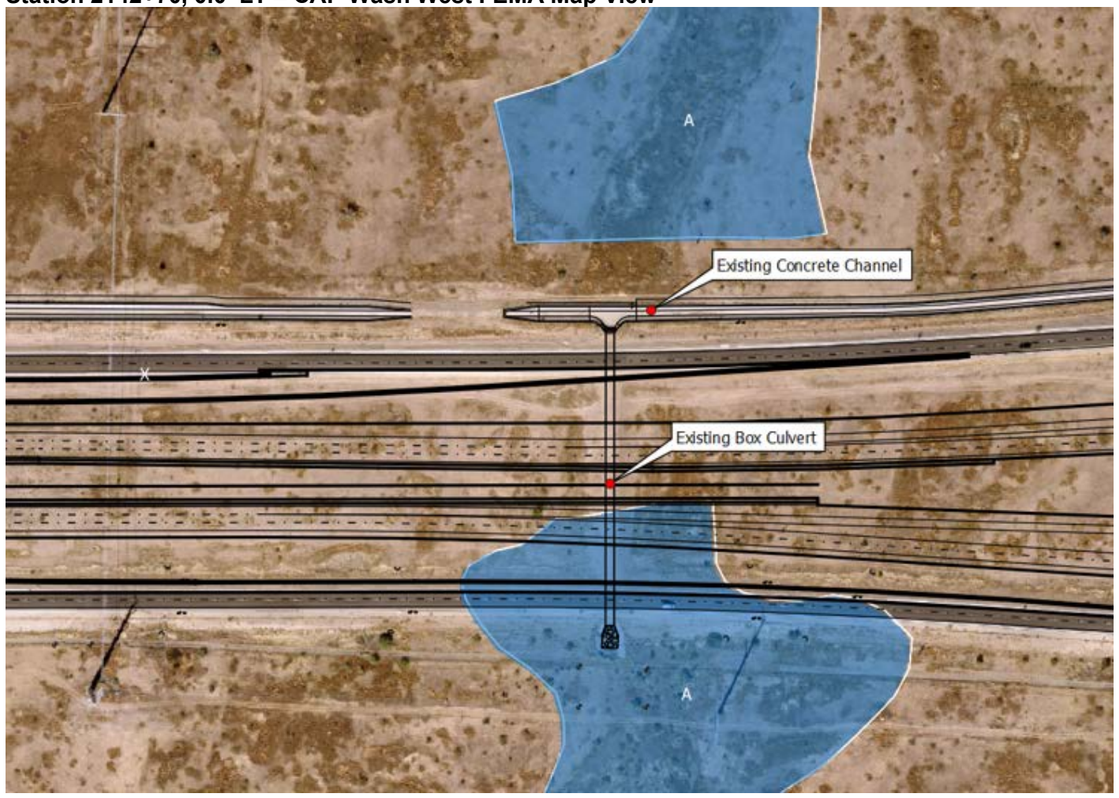
Station 2008+02, 156.0’ LT – Deadman Wash Tributary 2a FEMA Map View



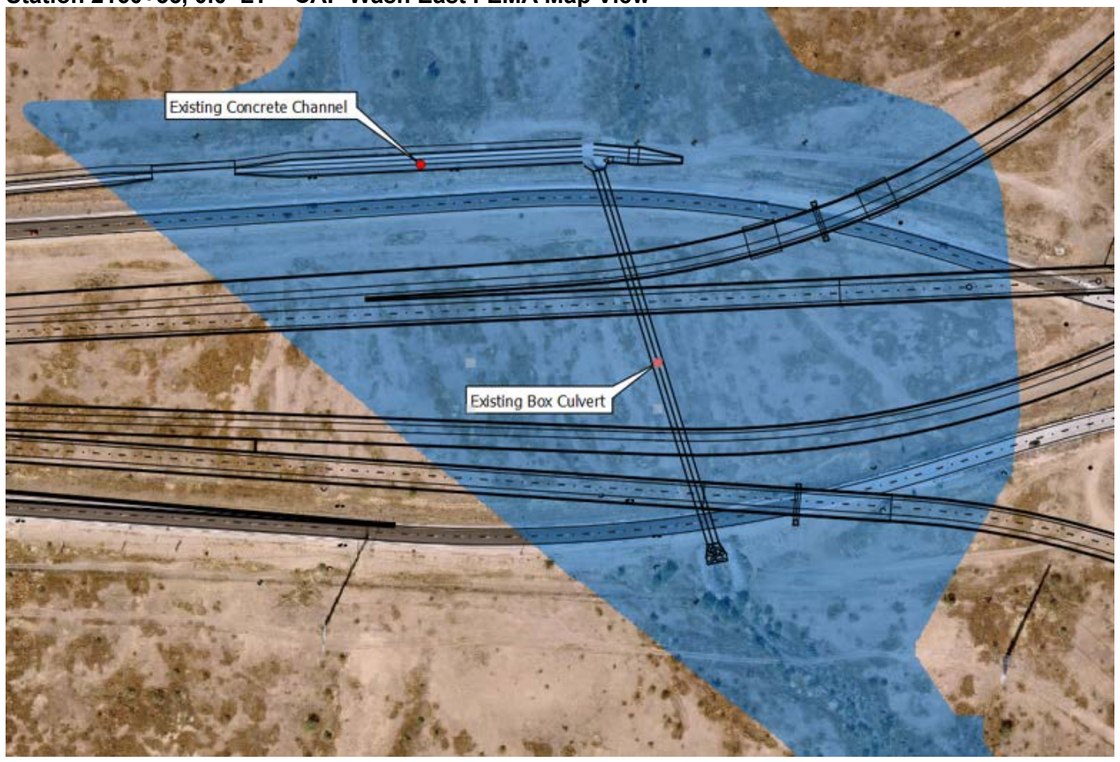
Station 2091+50, 0.0’ LT to Station 2109+46, 472’ LT – Upper Buchanan Wash FEMA Map View



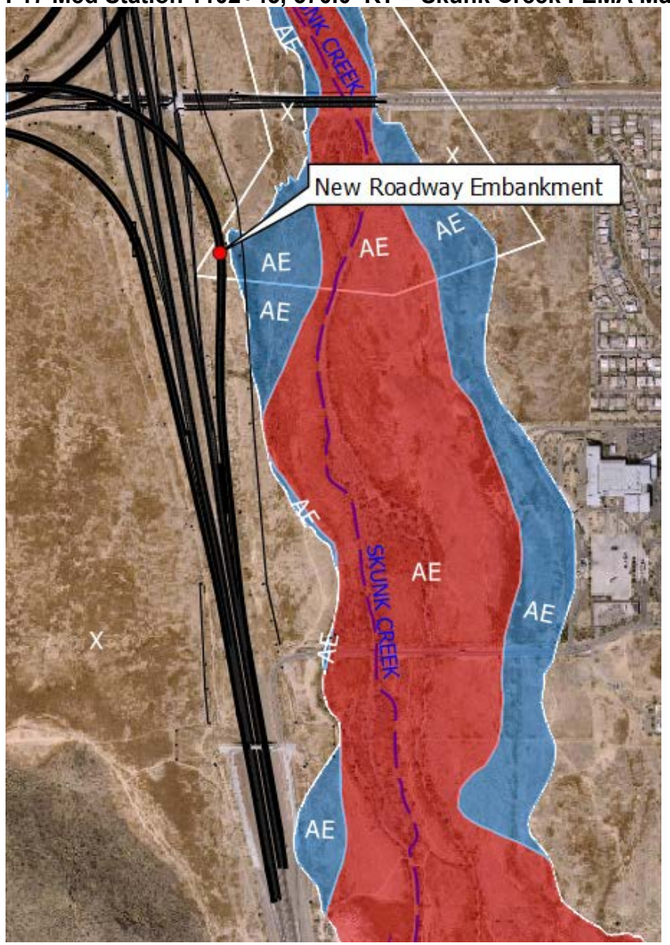
Station 2142+70, 0.0’ LT – CAP Wash West FEMA Map View



Station 2160+35, 0.0’ LT – CAP Wash East FEMA Map View



I-17 Med Station 1102+45, 570.0’ RT – Skunk Creek FEMA Map View



1.8 PREVIOUS STUDIES

Existing Drainage Studies along the proposed SR303/ I-17 project include:

- *Arizona Department of Transportation, Preliminary Drainage Report for Estrella Freeway, SR 303L from Happy Valley Road to 1- 1 7, Volumes I and 2, TRACS No. 303L MA 003 H5946 OIL, prepared by URS in association with Premier Engineering Corporation, May 2005.*
- *Arizona Department of Transportation, Draft Design Concept Report for Estrella Freeway, SR 303L from Happy Valley Road to 1-1 7, Volumes I and 2, TRACS No. 303L MA 003 H5946 01 L, prepared by URS, May 3 2005.*
- *Arizona Department of Transportation, New River Corridor, Preliminary Drainage Report, ADOT December 2006*
- *Arizona Department of Transportation, H715701C - SR303L - Final Design - LAKE PLEASANT PARKWAY TO I-17, July 2011*
- *Arizona Department of Transportation, H7156 - SR303 - Final Design - Happy Valley Road to Agua Fria River Bridge*
- *Arizona Department of Transportation, H7157 - SR303 - Final Design - Agua Fria River Bridge to I-17 TI*
- *Flood Control District of Maricopa County, North Peoria Area Drainage Master Plan, prepared by Stantec Consultants in Association with JE Fuller, 2002.*
- *Flood Control District of Maricopa County, Technical Data Notebook, Biscuit Flat Area Hydrology, in conjunction with the Adobe Dam/Desert Hills Area Drainage Master Plan, prepared by JE Fuller Hydrology & Geomorphology, Inc., September 2003.*

1.9 REFERENCES

- *Roadway Design Guidelines, ADOT, 2021*
- *Drainage Design Manual – Volume II - Hydraulics, ADOT, 2007*
- *Drainage Design Manual – Volume I - Hydrology, ADOT, 2014*
- *Pipe Selection Guidelines and Procedures, ADOT, 1996*
- *Drainage Design Manual – Hydrology Volume I, FCDMC, 2011*
- *Drainage Design Manual – Hydraulics Volume II, FCDMC, 2013*

APPENDIX A – EFFECTIVE FEMA MAPS

possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Arizona State Plane Central zone (FIPSZONE 0202). The **horizontal datum** was NAD 83 HARN, GRS1980 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988 (NAVD 88). These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. Map users wishing to obtain flood elevations referenced to the National Geodetic Vertical Datum of 1929 (NGVD 29) may use the following Maricopa County website application: http://www.fcd.maricopa.gov/Maps/gismaps/apps/gdeca-application/index.cfm

This web tool allows users to obtain point-specific datum conversion values by zooming in and hovering over a VERTCON checkbox on the layers menu on the left side of the screen. The VERTCON grid referenced in this web application was also used to convert existing flood elevations from NGVD 29 to NAVD 88.

To obtain current elevation, description, and/or location information for National Geodetic Survey bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at http://www.ngs.noaa.gov. To obtain information about Geodetic Densification and Cadastral Survey bench marks produced by the Maricopa County Department of Transportation, please visit the Flood Control District of Maricopa County website at:
http://www.fcd.maricopa.gov/Maps/gismaps/apps/gdeca-application/index.cfm.

Base map information shown on this FIRM was derived from multiple sources. Aerial imagery was provided in digital format by the Maricopa County Department of Public Works, Flood Control District. The imagery is dated October 2009 to November 2009. Additional National Agricultural Imagery Program (NAIP) imagery was provided by the Arizona State Land Department (ALRIS) and is dated 2007. The coordinate system used for the production of the digital FIRM is State Plane Arizona Central NAD83 HARN, International Feet.

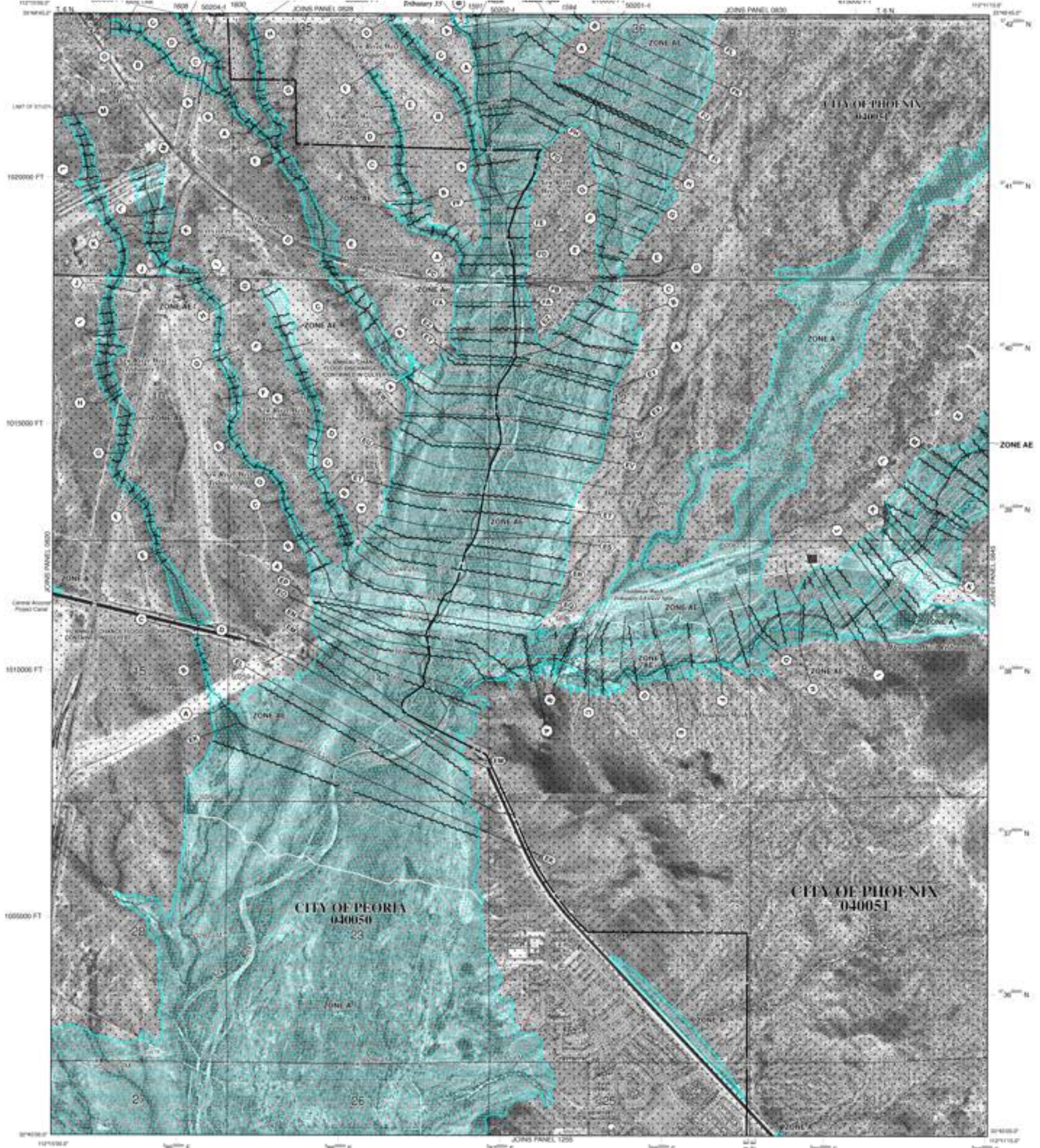
The **profile baseline** depicted on this map represents the hydraulic modeling baselines that match flood profiles in the FIS report. As a result of improved topographic data, the **profile baseline**, in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM, visit the **Map Service Center (MSC)** website at http://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, or digital versions of this map. Many of these products can be ordered or obtained directly from the website.

If you have **questions about this map**, how to order products, or the National Flood Insurance Program in general, please call the **FEMA Map Information eXchange (FMIX)** at **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/



The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A — No Base Flood Elevations determined.

ZONE AE — Base Flood Elevations determined.

ZONE AH — Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO — Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR — Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99 — Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V — Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE — Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X — Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X — Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D — Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary

0.2% annual chance floodplain boundary

Floodway boundary

Zone D boundary

CBRS and OPA boundary

Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.

513 — Base Flood Elevation line and value; elevation in feet*

(EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988 (NAVD 88)

A — A — Cross section line

23 — 23 — Transect line

97°07'30", 32°52'30" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)

4572000 mN — 1000-meter Universal Transverse Mercator grid ticks, zone 12

6000000 M — 5000-foot grid ticks: Arizona State Plane coordinate system, central zone (FIPSZONE 0202), Transverse Mercator

CB5510 — Bench mark (see explanation in Notes to Users section of this FIRM panel)

M1.5 — River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
April 15, 1985

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
September 30, 1992 July 13, 2001 September 30, 2005
October 16, 2013 - to advance suffix, to update corporate limits, to add base flood elevations, to add special flood hazard areas, to incorporate previously issued letters of map revision, to change floodway, to add roads and road names, to add floodway, and to change base flood elevations.

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 1000'
500 0 1000 2000 FEET
300 0 300 600 METERS

NFIP

PANEL 0840L

FIRM

FLOOD INSURANCE RATE MAP

MARICOPA COUNTY, ARIZONA AND INCORPORATED AREAS

PANEL 840 OF 4425
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
PEORIA, CITY OF	040050	0840	L
PHOENIX, CITY OF	040051	0840	L

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
04013C0840L

MAP REVISED
OCTOBER 16, 2013

NATIONAL FLOOD INSURANCE PROGRAM

NOTES TO USERS

This map is for use in administering the Nation Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

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The **projection** used in the preparation of this map was Arizona State Plane Central zone (FIPSZONE 0202). The **horizontal datum** was NAD 83 HARN, GRS1980 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

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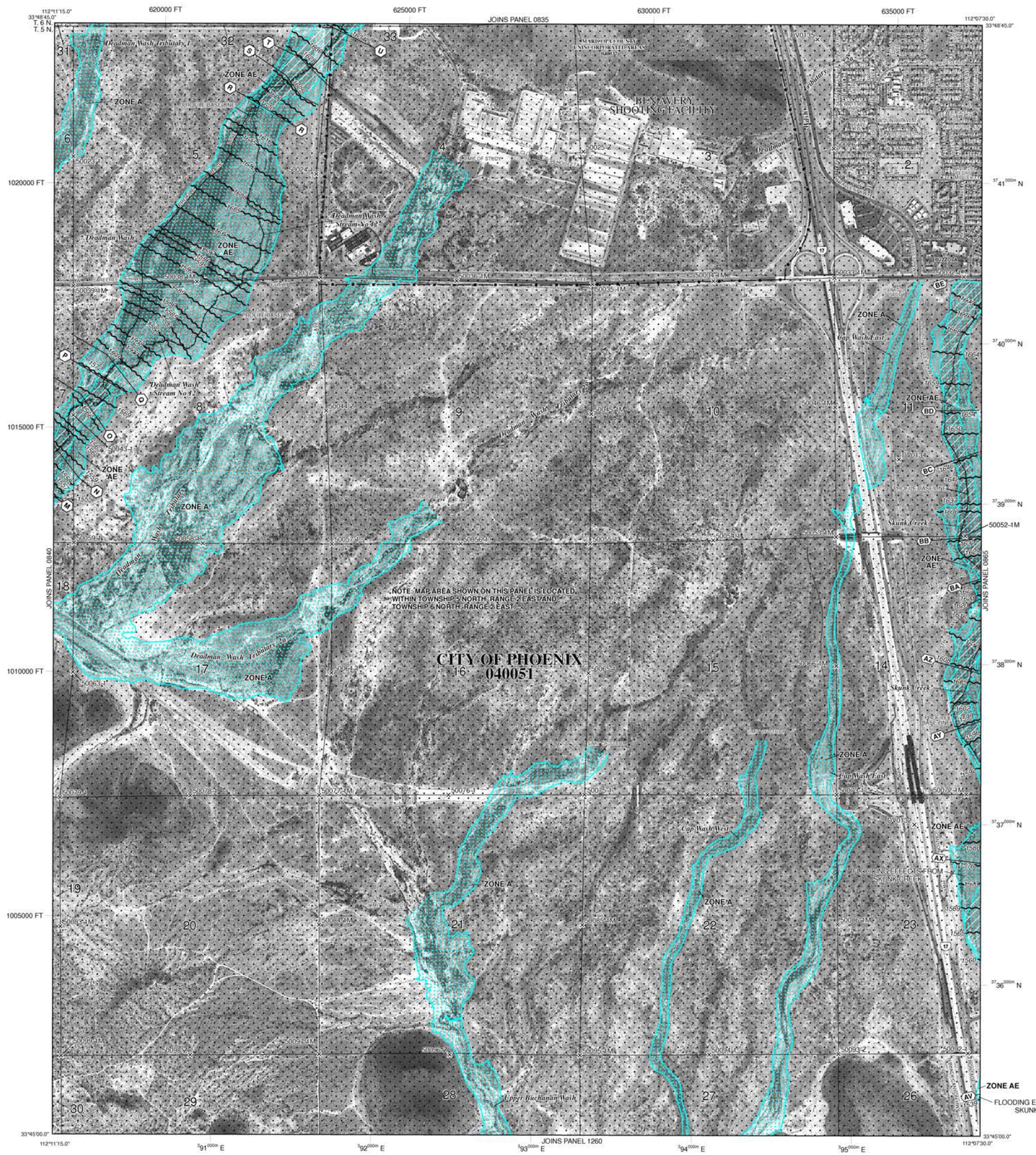

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A	No Base Flood Elevations determined.
ZONE AE	Base Flood Elevations determined.
ZONE AH	Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO	Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR	Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99	Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE V	Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE	Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X	Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X	Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D	Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988 (NAVD 88)

- A — A — Cross section line
- 23 — 23 — Transect line
- 97°07'30", 32°22'30" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 4275000mN — 1000-meter Universal Transverse Mercator grid ticks, zone 12
- 6000000 M — 5000-foot grid ticks: Arizona State Plane coordinate system, central zone (FIPSZONE 0202), Transverse Mercator
- DX5510 — Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M1.5 — River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
April 15, 1988
EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
July 19, 2001 September 30, 2005
October 16, 2013 –to incorporate previously issued letters of map revision, to add special flood hazard areas, to change base flood elevations, to change floodway, to add floodway, to add base flood elevation, to advance suffix, to update corporate limits, and to add roads and road names.

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 1000'
500 0 1000 2000 FEET
300 0 300 600 METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0845L

FIRM
FLOOD INSURANCE RATE MAP
MARICOPA COUNTY, ARIZONA
AND INCORPORATED AREAS

PANEL 845 OF 4425
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
MARICOPA COUNTY	040037	0845	L
PHOENIX, CITY OF	040051	0845	L

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER 04013C0845L

MAP REVISED OCTOBER 16, 2013

Federal Emergency Management Agency

APPENDIX B – NOAA PRECIPITATION ATLAS 14 DATA

NOAA Atlas 14, Volume 1, Version 5
Location name: Phoenix, Arizona, USA*
Latitude: 33.7696°, Longitude: -112.1682°
Elevation: 1559.8 ft**
* source: ESRI Maps
** source: USGS

POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Sarah Dietz, Sarah Heim, Lillian Hiner, Kazungu Maitaria, Deborah Martin, Sandra Pavlovic, Ishani Roy, Carl Trypaluk, Dale Unruh, Fenglin Yan, Michael Yekta, Tan Zhao, Geoffrey Bonnin, Daniel Brewer, Li-Chuan Chen, Tye Parzybok, John Yarchoan

NOAA, National Weather Service, Silver Spring, Maryland

PF_tabular | PF_graphical | Maps_&_aerials

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches)[1]

Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	**0.220** (0.182-0.270)	**0.285** (0.237-0.352)	**0.385** (0.317-0.473)	**0.462** (0.378-0.566)	**0.566** (0.457-0.691)	**0.646** (0.515-0.784)	**0.728** (0.571-0.881)	**0.811** (0.626-0.982)	**0.922** (0.695-1.12)	**1.01** (0.746-1.23)
10-min	**0.334** (0.276-0.411)	**0.434** (0.361-0.535)	**0.587** (0.483-0.720)	**0.703** (0.576-0.862)	**0.861** (0.695-1.05)	**0.982** (0.784-1.19)	**1.11** (0.869-1.34)	**1.23** (0.953-1.49)	**1.40** (1.06-1.70)	**1.54** (1.14-1.87)
15-min	**0.415** (0.343-0.509)	**0.538** (0.447-0.663)	**0.727** (0.598-0.893)	**0.872** (0.714-1.07)	**1.07** (0.861-1.30)	**1.22** (0.972-1.48)	**1.37** (1.08-1.66)	**1.53** (1.18-1.85)	**1.74** (1.31-2.11)	**1.90** (1.41-2.32)
30-min	**0.558** (0.461-0.686)	**0.724** (0.602-0.893)	**0.979** (0.805-1.20)	**1.17** (0.962-1.44)	**1.44** (1.16-1.76)	**1.64** (1.31-1.99)	**1.85** (1.45-2.24)	**2.06** (1.59-2.49)	**2.34** (1.77-2.84)	**2.57** (1.90-3.12)
60-min	**0.691** (0.571-0.849)	**0.896** (0.745-1.11)	**1.21** (0.997-1.49)	**1.45** (1.19-1.78)	**1.78** (1.44-2.17)	**2.03** (1.62-2.47)	**2.29** (1.80-2.77)	**2.55** (1.97-3.09)	**2.90** (2.19-3.52)	**3.17** (2.35-3.86)
2-hr	**0.804** (0.676-0.973)	**1.03** (0.869-1.26)	**1.38** (1.15-1.67)	**1.64** (1.36-1.98)	**2.00** (1.63-2.41)	**2.28** (1.84-2.73)	**2.57** (2.04-3.07)	**2.86** (2.23-3.41)	**3.25** (2.48-3.88)	**3.56** (2.67-4.27)
3-hr	**0.849** (0.713-1.03)	**1.08** (0.913-1.32)	**1.42** (1.19-1.72)	**1.68** (1.40-2.04)	**2.05** (1.69-2.46)	**2.35** (1.90-2.80)	**2.65** (2.11-3.17)	**2.98** (2.33-3.55)	**3.43** (2.61-4.10)	**3.79** (2.82-4.54)
6-hr	**0.994** (0.859-1.18)	**1.25** (1.09-1.49)	**1.60** (1.38-1.88)	**1.87** (1.60-2.20)	**2.26** (1.89-2.63)	**2.55** (2.12-2.97)	**2.86** (2.34-3.33)	**3.18** (2.55-3.70)	**3.62** (2.84-4.22)	**3.97** (3.04-4.63)
12-hr	**1.14** (0.991-1.33)	**1.43** (1.25-1.67)	**1.80** (1.56-2.10)	**2.10** (1.81-2.43)	**2.49** (2.12-2.89)	**2.80** (2.35-3.23)	**3.11** (2.58-3.59)	**3.43** (2.81-3.97)	**3.85** (3.08-4.47)	**4.18** (3.29-4.89)
24-hr	**1.29** (1.11-1.51)	**1.63** (1.41-1.91)	**2.10** (1.81-2.46)	**2.48** (2.12-2.89)	**3.00** (2.55-3.48)	**3.41** (2.87-3.96)	**3.84** (3.20-4.46)	**4.29** (3.54-4.99)	**4.91** (3.98-5.73)	**5.40** (4.32-6.34)
2-day	**1.37** (1.17-1.61)	**1.75** (1.49-2.05)	**2.28** (1.93-2.67)	**2.70** (2.28-3.16)	**3.28** (2.75-3.84)	**3.74** (3.12-4.38)	**4.23** (3.48-4.95)	**4.74** (3.86-5.56)	**5.44** (4.35-6.40)	**5.99** (4.72-7.11)
3-day	**1.47** (1.26-1.72)	**1.88** (1.61-2.19)	**2.46** (2.10-2.87)	**2.93** (2.50-3.41)	**3.59** (3.04-4.17)	**4.11** (3.46-4.78)	**4.67** (3.89-5.44)	**5.26** (4.34-6.13)	**6.09** (4.95-7.12)	**6.75** (5.42-7.94)
4-day	**1.57** (1.36-1.83)	**2.00** (1.74-2.33)	**2.64** (2.28-3.06)	**3.16** (2.72-3.65)	**3.89** (3.32-4.50)	**4.48** (3.80-5.18)	**5.11** (4.31-5.92)	**5.78** (4.83-6.71)	**6.74** (5.55-7.83)	**7.51** (6.12-8.78)
7-day	**1.78** (1.53-2.08)	**2.27** (1.95-2.65)	**2.99** (2.57-3.49)	**3.58** (3.06-4.16)	**4.41** (3.75-5.12)	**5.08** (4.29-5.90)	**5.79** (4.86-6.74)	**6.56** (5.45-7.64)	**7.64** (6.26-8.93)	**8.52** (6.90-10.0)
10-day	**1.93** (1.68-2.25)	**2.47** (2.14-2.87)	**3.26** (2.81-3.77)	**3.89** (3.35-4.49)	**4.77** (4.08-5.51)	**5.49** (4.67-6.33)	**6.25** (5.27-7.21)	**7.05** (5.91-8.15)	**8.18** (6.76-9.49)	**9.10** (7.43-10.6)
20-day	**2.37** (2.07-2.71)	**3.04** (2.66-3.49)	**4.00** (3.49-4.58)	**4.73** (4.10-5.41)	**5.72** (4.93-6.53)	**6.47** (5.57-7.39)	**7.25** (6.20-8.30)	**8.04** (6.84-9.22)	**9.12** (7.68-10.5)	**9.94** (8.30-11.5)
30-day	**2.77** (2.39-3.20)	**3.56** (3.08-4.11)	**4.68** (4.04-5.40)	**5.53** (4.76-6.37)	**6.67** (5.71-7.69)	**7.56** (6.45-8.70)	**8.46** (7.18-9.75)	**9.38** (7.91-10.8)	**10.6** (8.87-12.3)	**11.6** (9.59-13.5)
45-day	**3.25** (2.83-3.72)	**4.18** (3.64-4.79)	**5.49** (4.78-6.29)	**6.47** (5.62-7.40)	**7.76** (6.72-8.88)	**8.74** (7.54-10.0)	**9.74** (8.35-11.2)	**10.7** (9.16-12.3)	**12.1** (10.2-13.9)	**13.1** (11.0-15.2)
60-day	**3.61** (3.16-4.11)	**4.66** (4.08-5.31)	**6.11** (5.34-6.95)	**7.17** (6.26-8.15)	**8.55** (7.45-9.73)	**9.59** (8.32-10.9)	**10.6** (9.18-12.1)	**11.7** (10.0-13.3)	**13.0** (11.1-15.0)	**14.0** (11.9-16.2)

[1] Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.

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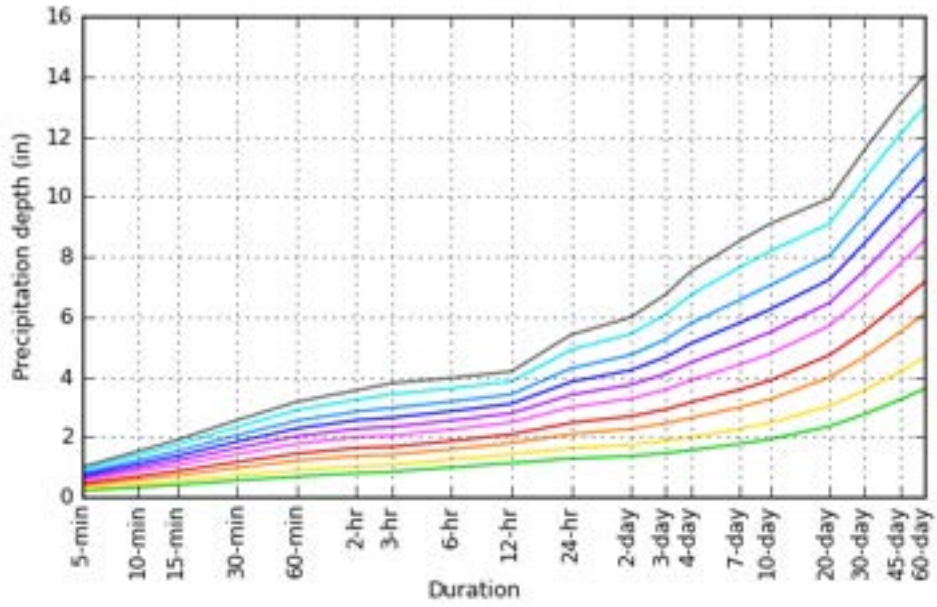
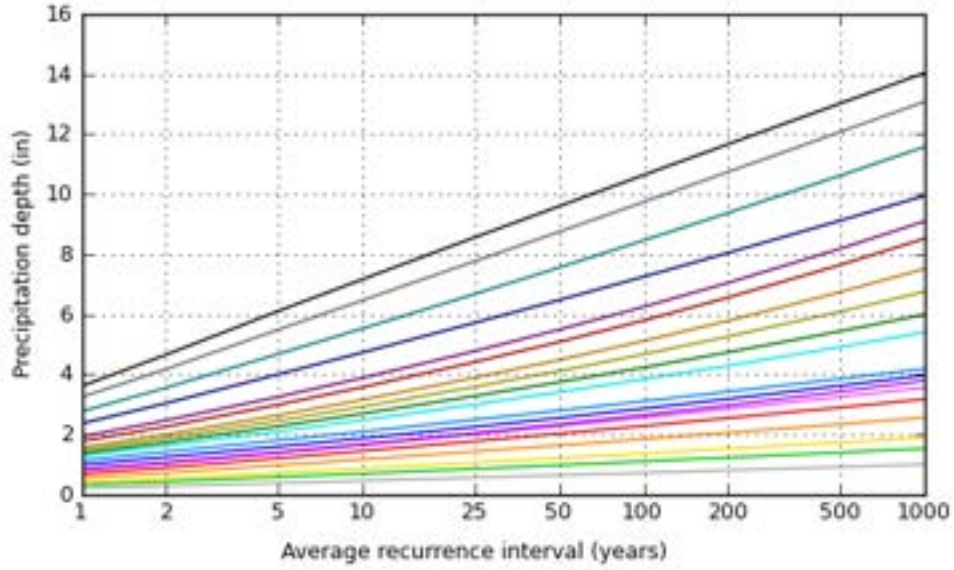
PF graphical

PDS-based depth-duration-frequency (DDF) curves
Latitude: 33.7696°, Longitude: -112.1682°





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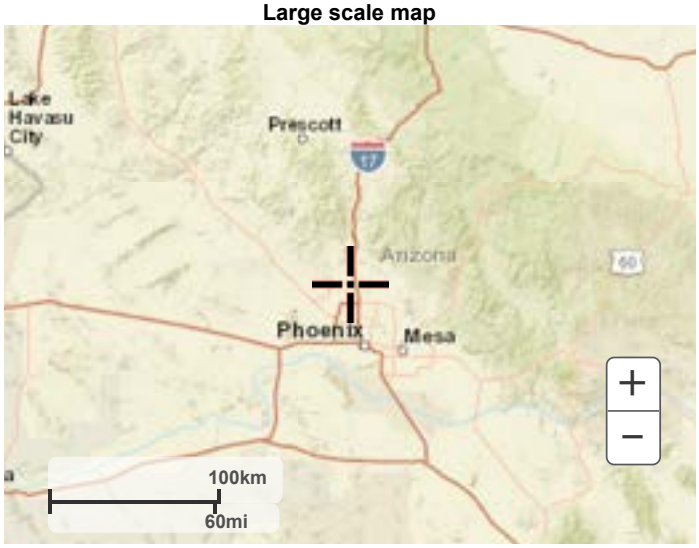
Small scale terrain

Large scale terrain

Large scale map



Large scale aerial

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NOAA Atlas 14, Volume 1, Version 5
Location name: Phoenix, Arizona, USA*
Latitude: 33.7696°, Longitude: -112.1682°
Elevation: 1559.8 ft**
* source: ESRI Maps
** source: USGS

POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Sarah Dietz, Sarah Heim, Lillian Hiner, Kazungu Maitaria, Deborah Martin, Sandra Pavlovic, Ishani Roy, Carl Trypaluk, Dale Unruh, Fenglin Yan, Michael Yekta, Tan Zhao, Geoffrey Bonnin, Daniel Brewer, Li-Chuan Chen, Tye Parzybok, John Yarchoan

NOAA, National Weather Service, Silver Spring, Maryland

PF_tabular | PF_graphical | Maps_&_aerials

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches/hour)[1]

Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	**2.64** (2.18-3.24)	**3.42** (2.84-4.22)	**4.62** (3.80-5.68)	**5.54** (4.54-6.79)	**6.79** (5.48-8.29)	**7.75** (6.18-9.41)	**8.74** (6.85-10.6)	**9.73** (7.51-11.8)	**11.1** (8.34-13.4)	**12.1** (8.95-14.7)
10-min	**2.00** (1.66-2.47)	**2.60** (2.17-3.21)	**3.52** (2.90-4.32)	**4.22** (3.46-5.17)	**5.17** (4.17-6.31)	**5.89** (4.70-7.16)	**6.64** (5.21-8.04)	**7.40** (5.72-8.96)	**8.42** (6.35-10.2)	**9.22** (6.81-11.2)
15-min	**1.66** (1.37-2.04)	**2.15** (1.79-2.65)	**2.91** (2.39-3.57)	**3.49** (2.86-4.27)	**4.27** (3.44-5.21)	**4.87** (3.89-5.92)	**5.49** (4.31-6.64)	**6.12** (4.73-7.41)	**6.96** (5.25-8.44)	**7.62** (5.63-9.27)
30-min	**1.12** (0.922-1.37)	**1.45** (1.20-1.79)	**1.96** (1.61-2.40)	**2.35** (1.92-2.88)	**2.87** (2.32-3.51)	**3.28** (2.62-3.99)	**3.70** (2.90-4.47)	**4.12** (3.18-4.99)	**4.69** (3.53-5.68)	**5.13** (3.79-6.24)
60-min	**0.691** (0.571-0.849)	**0.896** (0.745-1.11)	**1.21** (0.997-1.49)	**1.45** (1.19-1.78)	**1.78** (1.44-2.17)	**2.03** (1.62-2.47)	**2.29** (1.80-2.77)	**2.55** (1.97-3.09)	**2.90** (2.19-3.52)	**3.17** (2.35-3.86)
2-hr	**0.402** (0.338-0.486)	**0.517** (0.434-0.630)	**0.688** (0.575-0.834)	**0.822** (0.678-0.992)	**1.00** (0.816-1.20)	**1.14** (0.918-1.37)	**1.28** (1.02-1.53)	**1.43** (1.12-1.70)	**1.63** (1.24-1.94)	**1.78** (1.33-2.13)
3-hr	**0.283** (0.237-0.343)	**0.360** (0.304-0.439)	**0.472** (0.396-0.574)	**0.560** (0.468-0.678)	**0.684** (0.561-0.820)	**0.781** (0.633-0.934)	**0.883** (0.704-1.06)	**0.991** (0.777-1.18)	**1.14** (0.870-1.36)	**1.26** (0.940-1.51)
6-hr	**0.166** (0.143-0.196)	**0.209** (0.181-0.248)	**0.267** (0.230-0.315)	**0.313** (0.266-0.367)	**0.377** (0.316-0.440)	**0.426** (0.353-0.496)	**0.478** (0.390-0.556)	**0.532** (0.426-0.618)	**0.605** (0.473-0.704)	**0.663** (0.507-0.773)
12-hr	**0.095** (0.082-0.110)	**0.119** (0.104-0.139)	**0.150** (0.130-0.174)	**0.174** (0.150-0.202)	**0.207** (0.176-0.240)	**0.232** (0.195-0.268)	**0.258** (0.214-0.298)	**0.284** (0.233-0.329)	**0.320** (0.256-0.371)	**0.347** (0.273-0.406)
24-hr	**0.054** (0.046-0.063)	**0.068** (0.059-0.080)	**0.088** (0.076-0.102)	**0.103** (0.089-0.120)	**0.125** (0.106-0.145)	**0.142** (0.120-0.165)	**0.160** (0.134-0.186)	**0.179** (0.147-0.208)	**0.205** (0.166-0.239)	**0.225** (0.180-0.264)
2-day	**0.029** (0.024-0.034)	**0.036** (0.031-0.043)	**0.047** (0.040-0.056)	**0.056** (0.047-0.066)	**0.068** (0.057-0.080)	**0.078** (0.065-0.091)	**0.088** (0.073-0.103)	**0.099** (0.080-0.116)	**0.113** (0.091-0.133)	**0.125** (0.098-0.148)
3-day	**0.020** (0.018-0.024)	**0.026** (0.022-0.030)	**0.034** (0.029-0.040)	**0.041** (0.035-0.047)	**0.050** (0.042-0.058)	**0.057** (0.048-0.066)	**0.065** (0.054-0.076)	**0.073** (0.060-0.085)	**0.085** (0.069-0.099)	**0.094** (0.075-0.110)
4-day	**0.016** (0.014-0.019)	**0.021** (0.018-0.024)	**0.028** (0.024-0.032)	**0.033** (0.028-0.038)	**0.041** (0.035-0.047)	**0.047** (0.040-0.054)	**0.053** (0.045-0.062)	**0.060** (0.050-0.070)	**0.070** (0.058-0.082)	**0.078** (0.064-0.091)
7-day	**0.011** (0.009-0.012)	**0.013** (0.012-0.016)	**0.018** (0.015-0.021)	**0.021** (0.018-0.025)	**0.026** (0.022-0.030)	**0.030** (0.026-0.035)	**0.034** (0.029-0.040)	**0.039** (0.032-0.045)	**0.045** (0.037-0.053)	**0.051** (0.041-0.060)
10-day	**0.008** (0.007-0.009)	**0.010** (0.009-0.012)	**0.014** (0.012-0.016)	**0.016** (0.014-0.019)	**0.020** (0.017-0.023)	**0.023** (0.019-0.026)	**0.026** (0.022-0.030)	**0.029** (0.025-0.034)	**0.034** (0.028-0.040)	**0.038** (0.031-0.044)
20-day	**0.005** (0.004-0.006)	**0.006** (0.006-0.007)	**0.008** (0.007-0.010)	**0.010** (0.009-0.011)	**0.012** (0.010-0.014)	**0.013** (0.012-0.015)	**0.015** (0.013-0.017)	**0.017** (0.014-0.019)	**0.019** (0.016-0.022)	**0.021** (0.017-0.024)
30-day	**0.004** (0.003-0.004)	**0.005** (0.004-0.006)	**0.006** (0.006-0.007)	**0.008** (0.007-0.009)	**0.009** (0.008-0.011)	**0.010** (0.009-0.012)	**0.012** (0.010-0.014)	**0.013** (0.011-0.015)	**0.015** (0.012-0.017)	**0.016** (0.013-0.019)
45-day	**0.003** (0.003-0.003)	**0.004** (0.003-0.004)	**0.005** (0.004-0.006)	**0.006** (0.005-0.007)	**0.007** (0.006-0.008)	**0.008** (0.007-0.009)	**0.009** (0.008-0.010)	**0.010** (0.008-0.011)	**0.011** (0.009-0.013)	**0.012** (0.010-0.014)
60-day	**0.003** (0.002-0.003)	**0.003** (0.003-0.004)	**0.004** (0.004-0.005)	**0.005** (0.004-0.006)	**0.006** (0.005-0.007)	**0.007** (0.006-0.008)	**0.007** (0.006-0.008)	**0.008** (0.007-0.009)	**0.009** (0.008-0.010)	**0.010** (0.008-0.011)

[1] Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.

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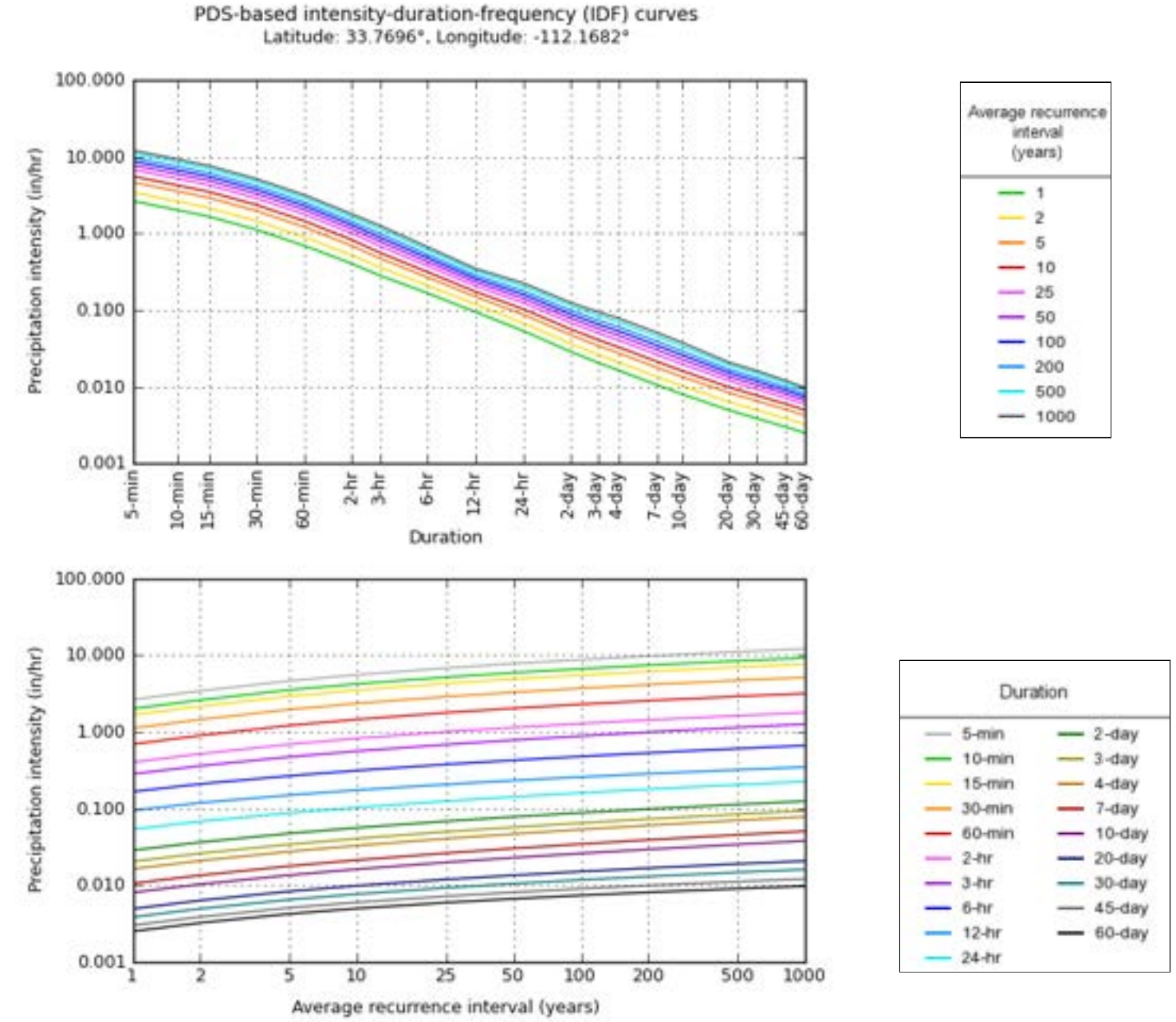
PF graphical



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National Water Center
1325 East West Highway
Silver Spring, MD 20910
Questions?: HDSC.Questions@noaa.gov

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APPENDIX C – ONSITE PAVEMENT SPREAD COMPUTATIONS

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
303NB			1972+00.00			70.95						0.00																					
West	Grade	3	1972+05.00	HB45	1565.77	70.95	-1.02%	0.00	1566.49	0.00	-1.02%	0.00	1566.49	HB45	-0.0100	0.0081	0.0000	0.000	0.033	**Left**	HB45	12.00	0.00	1.85	0.00	1.85	18.000	**OK**	0.034	0.034	0.956	0.956		0.033
to	Grade		1972+10.00	HB45	1565.71	70.90	-1.03%	0.00	1566.44	0.00	-1.03%	0.00	1566.44	HB45	-0.0100	0.0163	0.0000	0.033	0.065	**Left**	HB45	12.00	0.00	2.40	0.00	2.40	18.000	**OK**	0.057	0.057	1.137	1.137		0.065
East	Grade		1972+15.00	HB45	1565.65	70.85	-1.05%	0.00	1566.39	0.00	-1.05%	0.00	1566.39	HB45	-0.0100	0.0244	0.0000	0.065	0.098	**Left**	HB45	12.00	0.00	2.79	0.00	2.79	18.000	**OK**	0.078	0.078	1.258	1.258		0.098
	Grade		1972+20.00	HB45	1565.58	70.80	-1.07%	0.00	1566.34	0.00	-1.07%	0.00	1566.34	HB45	-0.0100	0.0325	0.0000	0.098	0.130	**Left**	HB45	12.00	0.00	3.11	0.00	3.11	18.000	**OK**	0.097	0.097	1.352	1.352		0.130
	Grade		1972+25.00	HB45	1565.52	70.75	-1.08%	0.00	1566.29	0.00	-1.08%	0.00	1566.29	HB45	-0.0100	0.0407	0.0000	0.130	0.163	**Left**	HB45	12.00	0.00	3.38	0.00	3.38	18.000	**OK**	0.114	0.114	1.429	1.429		0.163
	Grade		1972+30.00	HB45	1565.46	70.70	-1.10%	0.00	1566.24	0.00	-1.10%	0.00	1566.24	HB45	-0.0100	0.0488	0.0000	0.163	0.196	**Left**	HB45	12.00	0.00	3.62	0.00	3.62	18.000	**OK**	0.131	0.131	1.496	1.496		0.196
	Grade		1972+35.00	HB45	1565.40	70.65	-1.12%	0.00	1566.19	0.00	-1.12%	0.00	1566.19	HB45	-0.0100	0.0569	0.0000	0.196	0.228	**Left**	HB45	12.00	0.00	3.83	0.00	3.83	18.000	**OK**	0.147	0.147	1.554	1.554		0.228
	Grade		1972+40.00	HB45	1565.35	70.60	-1.13%	0.00	1566.15	0.00	-1.13%	0.00	1566.15	HB45	-0.0080	0.0650	0.0000	0.228	0.261	**Left**	HB45	12.00	0.00	4.20	0.00	4.20	18.000	**OK**	0.176	0.176	1.478	1.478		0.261
	Grade		1972+45.00	HB45	1565.29	70.55	-1.15%	0.00	1566.10	0.00	-1.15%	0.00	1566.10	HB45	-0.0100	0.0731	0.0000	0.261	0.293	**Left**	HB45	12.00	0.00	4.21	0.00	4.21	18.000	**OK**	0.177	0.177	1.655	1.655		0.293
	Grade		1972+50.00	HB45	1565.23	70.50	-1.17%	0.00	1566.05	0.00	-1.17%	0.00	1566.05	HB45	-0.0100	0.0812	0.0000	0.293	0.326	**Left**	HB45	12.00	0.00	4.38	0.00	4.38	18.000	**OK**	0.192	0.192	1.699	1.699		0.326
	Grade		1972+55.00	HB45	1565.17	70.45	-1.18%	0.00	1566.00	0.00	-1.18%	0.00	1566.00	HB45	-0.0100	0.0893	0.0000	0.326	0.358	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.206	0.206	1.740	1.740		0.358
	Grade		1972+60.00	HB45	1565.11	70.40	-1.20%	0.00	1565.95	0.00	-1.20%	0.00	1565.95	HB45	-0.0100	0.0974	0.0000	0.358	0.390	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.219	0.219	1.780	1.780		0.390
	Grade		1972+65.00	HB45	1565.04	70.35	-1.22%	0.00	1565.90	0.00	-1.22%	0.00	1565.90	HB45	-0.0100	0.1055	0.0000	0.390	0.423	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.232	0.232	1.821	1.821		0.423
	Grade		1972+70.00	HB45	1564.98	70.30	-1.23%	0.00	1565.85	0.00	-1.23%	0.00	1565.85	HB45	-0.0100	0.1135	0.0000	0.423	0.455	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.245	0.245	1.861	1.861		0.455
	Grade		1972+75.00	HB45	1564.93	70.25	-1.25%	0.00	1565.81	0.00	-1.25%	0.00	1565.81	HB45	-0.0080	0.1216	0.0000	0.455	0.487	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.277	0.277	1.762	1.762		0.487
	Grade		1972+80.00	HB45	1564.87	70.20	-1.27%	0.00	1565.76	0.00	-1.27%	0.00	1565.76	HB45	-0.0100	0.1297	0.0000	0.487	0.520	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.268	0.268	1.940	1.940		0.520
	Grade		1972+85.00	HB45	1564.81	70.15	-1.28%	0.00	1565.71	0.00	-1.28%	0.00	1565.71	HB45	-0.0100	0.1377	0.0000	0.520	0.552	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.279	0.279	1.978	1.978		0.552
	Grade		1972+90.00	HB45	1564.75	70.10	-1.30%	0.00	1565.66	0.00	-1.30%	0.00	1565.66	HB45	-0.0100	0.1458	0.0000	0.552	0.584	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.290	0.290	2.015	2.015		0.584
	Grade		1972+95.00	HB45	1564.69	70.05	-1.32%	0.00	1565.61	0.00	-1.32%	0.00	1565.61	HB45	-0.0100	0.1538	0.0000	0.584	0.617	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.301	0.301	2.052	2.052		0.617
	Grade		1973+00.00	HB45	1564.63	70.00	-1.33%	0.00	1565.56	0.00	-1.33%	0.00	1565.56	HB45	-0.0100	0.1618	0.0000	0.617	0.649	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.311	0.311	2.087	2.087		0.649
	Grade		1973+05.00	HB45	1564.58	69.95	-1.35%	0.00	1565.52	0.00	-1.35%	0.00	1565.52	HB45	-0.0080	0.1699	0.0000	0.649	0.681	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.345	0.345	1.974	1.974		0.681
	Grade		1973+10.00	HB45	1564.51	69.90	-1.37%	0.00	1565.47	0.00	-1.37%	0.00	1565.47	HB45	-0.0100	0.1779	0.0000	0.681	0.713	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.331	0.331	2.157	2.157		0.713
	Grade		1973+15.00	HB45	1564.45	69.85	-1.38%	0.00	1565.42	0.00	-1.38%	0.00	1565.42	HB45	-0.0100	0.1859	0.0000	0.713	0.745	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.340	0.340	2.190	2.190		0.745
	Grade		1973+20.00	HB45	1564.39	69.80	-1.40%	0.00	1565.37	0.00	-1.40%	0.00	1565.37	HB45	-0.0100	0.1939	0.0000	0.745	0.777	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.350	0.350	2.223	2.223		0.777
	Grade		1973+25.00	HB45	1564.33	69.75	-1.42%	0.00	1565.32	0.00	-1.42%	0.00	1565.32	HB45	-0.0100	0.2019	0.0000	0.777	0.810	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.359	0.359	2.255	2.255		0.810
	Grade		1973+30.00	HB45	1564.27	69.70	-1.43%	0.00	1565.27	0.00	-1.43%	0.00	1565.27	HB45	-0.0100	0.2099	0.0000	0.810	0.842	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.368	0.368	2.287	2.287		0.842
	Grade		1973+35.00	HB45	1564.21	69.65	-1.45%	0.00	1565.22	0.00	-1.45%	0.00	1565.22	HB45	-0.0100	0.2179	0.0000	0.842	0.874	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.377	0.377	2.318	2.318		0.874
	Grade		1973+40.00	HB45	1564.16	69.60	-1.47%	0.00	1565.18	0.00	-1.47%	0.00	1565.18	HB45	-0.0080	0.2259	0.0000	0.874	0.906	**Left**	HB45	12.00	0.00	4.50	0.36	4.86	18.000	**OK**	0.414	0.415	2.187	2.183		0.906
	Grade		1973+45.00	HB45	1564.10	69.55	-1.48%	0.00	1565.13	0.00	-1.48%	0.00	1565.13	HB45	-0.0100	0.2339	0.0000	0.906	0.938	**Left**	HB45	12.00	0.00	4.50	0.07	4.57	18.000	**OK**	0.394	0.394	2.378	2.378		0.938
	Grade		1973+50.00	HB45	1564.04	69.50	-1.50%	0.00	1565.08	0.00	-1.50%	0.00	1565.08	HB45	-0.0100	0.2419	0.0000	0.938	0.970	**Left**	HB45	12.00	0.00	4.50	0.19	4.69	18.000	**OK**	0.403	0.403	2.407	2.406		0.970
	Grade		1973+55.00	HB45	1563.98	69.45	-1.52%	0.00	1565.03	0.00	-1.52%	0.00	1565.03	HB45	-0.0100	0.2499	0.0000	0.970	1.002	**Left**	HB45	12.00	0.00	4.50	0.31	4.81	18.000	**OK**	0.411	0.412	2.436	2.432		1.002
	Grade		1973+60.00	HB45	1563.92	69.40	-1.53%	0.00	1564.98	0.00	-1.53%	0.00	1564.98	HB45	-0.0100	0.2578	0.0000	1.002	1.034	**Left**	HB45	12.00	0.00	4.50	0.43	4.93	18.000	**OK**	0.419	0.421	2.464	2.456		1.034
	Grade		1973+65.00	HB45	1563.86	69.35	-1.55%	0.00	1564.93	0.00	-1.55%	0.00	1564.93	HB45	-0.0100	0.2658	0.0000	1.034	1.066	**Left**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.427	0.430	2.491	2.480		1.066
	Grade		1973+70.00	HB45	1563.79	69.30	-1.57%	0.00	1564.88	0.00	-1.57%	0.00	1564.88	HB45	-0.0100	0.2738	0.0000	1.066	1.098	**Left**	HB45	12.00	0.00	4.50	0.64	5.14	18.000	**OK**	0.435	0.439	2.518	2.502		1.098
	Grade		1973+75.00	HB45	1563.74	69.25	-1.58%	0.00	1564.84	0.00	-1.58%	0.00	1564.84	HB45	-0.0080	0.2817	0.0000	1.098	1.129	**Left**	HB45	12.00	0.00	4.50	1.18	5.68	18.000	**OK**	0.474	0.485	2.370	2.326		1.129
	Grade		1973+80.00	HB45	1563.68	69.20	-1.60%	0.00	1564.79	0.00	-1.60%	0.00	1564.79	HB45	-0.0100	0.2897	0.0000	1.129	1.161	**Left**	HB45	12.00	0.00	4.50	0.84	5.34	18.000	**OK**	0.451	0.457	2.571	2.544		1.161
	Grade		1973+85.00	HB45	1563.62	69.15	-1.62%	0.00	1564.74	0.00	-1.62%	0.00	1564.74	HB45	-0.0100	0.2976	0.0000	1.161	1.193	**Left**	HB45	12.00	0.00	4.50	0.94	5.44	18.000	**OK**	0.458	0.465	2.596	2.563		1.193
	Grade		1973+90.00	HB45	1563.56	69.10	-1.63%	0.00	1564.69	0.00	-1.63%	0.00	1564.69	HB45	-0.0100	0.3055	0.0000	1.193	1.225	**Left**	HB45	12.00	0.00	4.50	1.03	5.53	18.000	**OK**	0.466	0.474	2.621	2.582		1.225
	Grade		1973+95.00	HB45	1563.50	69.05	-1.65%	0.00	1564.64	0.00	-1.65%	0.00	1564.64	HB45	-0.0100	0.3135	0.0000	1.225	1.257	**Left**	HB45	12.00	0.00	4.50	1.12	5.62	18.000	**OK**	0.473	0.483	2.646	2.600		1.257
	Grade		1974+00.00	HB45	1563.44	69.00	-1.67%	0.00	1564.59	0.00	-1.67%	0.00	1564.59	HB45	-0.0100	0.3214	0.0000	1.257	1.288	**Left**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.480	0.492	2.670	2.617		1.288
	Grade		1974+05.00	HB45	1563.39	68.93	-1.68%	0.00	1564.55	0.00	-1.68%	0.00	1564.55	HB45	-0.0080	0.3293	0.0000	1.288	1.320	**Left**	HB45	12.00	0.00	4.50	1.72	6.22	18.000	**OK**	0.521	0.546	2.508	2.420		1.320
	Grade		1974+10.00	HB45	1563.33	68.85	-1.70%	0.00	1564.50	0.00	-1.70%	0.00	1564.50	HB45	-0.0100	0.3372	0.0000	1.320	1.352	**Left**	HB45	12.00	0.00	4.50	1.36	5.86	18.000	**OK**	0.494	0.510	2.717	2.650		1.352
	Grade		1974+15.00	HB45	1563.27	68.78	-1.72%	0.00	1564.45	0.00	-1.72%	0.00	1564.45	HB45	-0.0100	0.3451	0.0000	1.352	1.384	**Left**	HB45	12.00	0.00	4.50	1.44	5.94	18.000	**OK**	0.501	0.519	2.740	2.666		1.384
	Grade		1974+20.00	HB45	1563.21	68.70	-1.73%	0.00	1564.40	0.00	-1.73%	0.00	1564.40	HB45	-0.0100	0.3530	0.0000	1.384	1.415	**Left**	HB45	12.00	0.00	4.50	1.51	6.01	18.000	**OK**	0.508	0.528	2.762	2.682		1.415
	Grade		1974+25.00	HB45	1563.15	68.63	-1.75%	0.00	1564.35	0.00	-1.75%	0.00	1564.35	HB45	-0.0100	0.3609	0.0000	1.415	1.447	**Left**	HB45	12.00	0.00	4.50	1.58	6.08	18.000	**OK**	0.515	0.537	2.784	2.697		1.447
	Grade		1974+30.00	HB45	1563.09	68.55	-1.77%	0.00	1564.30	0.00	-1.77%	0.00	1564.30	HB45	-0.0100	0.3688	0.0000	1.447	1.478	**Left**	HB45	12.00	0.00	4.50	1.65	6.15	18.000	**OK**	0.521	0.545	2.806	2.711		1.478
	Grade		1974+35.00	HB45	1563.03	68.48	-1.78%	0.00	1564.25	0.00	-1.78%	0.00	1564.25	HB45	-0.0100	0.3766	0.0000	1.478	1.510	**Left**	HB45	12.00	0.00	4.50	1.72	6.22	18.000	**OK**	0.528	0.554	2.827	2.726		1.510
	Grade		1974+40.00	HB45	1562.98	68.40	-1.80%	0.00	1564.21	0.00	-1.80%	0.00	1564.21	HB45	-0.0080	0.3845	0.0000	1.510	1.541	**Left**	HB45	12.00	0.00	4.50	2.21	6.71	18.000	**OK**	0.569	0.614	2.650	2.512		1.541
	Grade		1974+45.00	HB45	1562.92	68.33	-1.82%	0.00	1564.16	0.00	-1.82%	0.00	1564.16	HB45	-0.0100	0.3923	0.0000	1.541	1.573	**Left**	HB45	12.00	0.00	4.50	1.84	6.34	18.000	**OK**	0.540	0.571	2.869	2.754		1.573
	Grade		1974+50.00	HB45	1562.86	68.25	-1.83%	0.00	1564.11	0.00	-1.83%	0.00	1564.11	HB45	-0.0100	0.4002	0.0000	1.573	1.604	**Left**	HB45	12.00	0.00	4.50	1.90	6.40	18.000	**OK**	0.547	0.580	2.889	2.767		1.604
	Grade		1974+55.00	HB45	1562.80	68.18	-1.85%	0.00	1564.06	0.00	-1.85%	0.00	1564.06	HB45	-0.0100	0.4080	0.0000	1.604	1.636	**Left**	HB45	12.00	0.00	4.50	1.96	6.46	18.000	**OK**	0.553	0.588	2.910	2.781		1.636
	Grade		1974+60.00	HB45	1562.74	68.10	-1.87%	0.00	1564.01	0.00	-1.87%	0.00	1564.01	HB45	-0.0100	0.4158	0.0000	1.636	1.667	**Left**	HB45	12.00	0.00	4.50	2.01	6.51	18.000	**OK**	0.559	0.597	2.929	2.794		1.667
	Grade		1974+65.00	HB45	1562.68	68.03	-1.88%	0.00	1563.96	0.00	-1.88%	0.00	1563.96	HB45	-0.0100	0.4236	0.0000	1.667	1.698	**Left**	HB45	12.00	0.00	4.50	2.06	6.56	18.000	**OK**	0.565	0.605	2.949	2.807		1.698
	Grade		1974+70.00	HB45	1562.62	67.95	-1.90%	0.00	1563.91	0.00	-1.90%	0.00	1563.91	HB45	-0.0100	0.4314	0.0000	1.698	1.730	**Left**	HB45	12.00	0.00	4.50	2.12	6.62	18.000	**OK**	0.571	0.613	2.968	2.819		1.730
	Grade		1974+75.00	HB45	1562.57	67.88	-1.92%	0.00	1563.87	0.00	-1.92%	0.00	1563.87	HB45	-0.0080	0.4392	0.0000	1.730	1.761	**Left**	HB45	12.00	0.00	4.50	2.60	7.10	18.000	**OK**	0.614	0.679	2.778	2.594		1.761
	Grade		1974+80.00	HB45	1562.51	67.80	-1.93%	0.00	1563.82	0.00	-1.93%	0.00	1563.82	HB45	-0.0100	0.4470	0.0000	1.761	1.792	**Left**	HB45	12.00	0.00	4.50	2.21	6.71	18.000	**OK**	0.583	0.630	3.006	2.844		1.792
	Grade		1974+85.00	HB45	1562.45	67.73	-1.95%	0.00	1563.77	0.00	-1.95%	0.00	1563.77	HB45	-0.0100	0.4548	0.0000	1.792	1.823	**Left**	HB45	12.00	0.00	4.50	2.26	6.76	18.000	**OK**	0.588	0.638	3.024	2.856		1.823
	Grade		1974+90.00	HB45	1562.39	67.65	-1.97%	0.00	1563.72	0.00	-1.97%	0.00	1563.72	HB45	-0.0100	0.4626	0.0000	1.823	1.854	**Left**	HB45	12.00	0.00	4.50	2.31	6.81	18.000	**OK**	0.594	0.646	3.043	2.869		1.854
	Grade		1974+95.00	HB45	1562.33	67.58	-1.98%	0.00	1563.67	0.00	-1.98%	0.00	1563.67	HB45	-0.0100	0.4703	0.0000	1.854	1.886	**Left**	HB45	12.00	0.00	4.50	2.35	6.85	18.000	**OK**	0.600	0.655	3.061	2.880		1.886
	Grade		1975+00.00	HB45	1562.27	67.50	-2.00%	0.00	1563.62	0.00	-2.00%	0.00	1563.62	HB45	-0.0100	0.4781	0.0000	1.886	1.917	**Left**	HB45	12.00	0.00	4.50	2.39	6.89	18.000	**OK**	0.605	0.663	3.079	2.892		1.917
	Grade		1975+05.00	HB45	1562.23	67.43	-2.00%	0.00	1563.58	0.00	-2.00%	0.00	1563.58	HB45	-0.0080	0.4858	0.0000	1.917	1.948	**Left**	HB45	12.00	0.00	4.50	2.88	7.38	18.000	**OK**	0.650	0.733	2.878	2.658		1.948
	Grade		1975+10.00	HB45	1562.18	67.35	-2.00%	0.00	1563.53	0.00	-2.00%	0.00	1563.53	HB45	-0.0100	0.4936	0.0000	1.948	1.979	**Left**	HB45	12.00	0.00	4.50	2.51	7.01	18.000	**OK**	0.616	0.679	3.113	2.912		1.979
	Grade		1975+15.00	HB45	1562.13	67.28	-2.00%	0.00	1563.48	0.00	-2.00%	0.00	1563.48	HB45	-0.0100	0.5013	0.0000	1.979	2.010	**Left**	HB45	12.00	0.00	4.50	2.57	7.07	18.000	**OK**	0.622	0.688	3.130	2.922		2.010
	Grade		1975+20.00	HB45	1562.09	67.20	-2.00%	0.00	1563.43	0.00	-2.00%	0.00	1563.43	HB45	-0.0100	0.5090	0.0000	2.010	2.041	**Left**	HB45	12.00	0.00	4.50	2.63	7.13	18.000	**OK**	0.627	0.696	3.147	2.931		2.041
	Grade		1975+25.00	HB45	1562.04	67.13	-2.00%	0.00	1563.38	0.00	-2.00%	0.00	1563.38	HB45	-0.0100	0.5167	0.0000	2.041	2.071	**Left**	HB45	12.00	0.00	4.50	2.69	7.19	18.000	**OK**	0.632	0.704	3.163	2.941		2.071
	Grade		1975+30.00	HB45	1561.99	67.05	-2.00%	0.00	1563.33	0.00	-2.00%	0.00	1563.33	HB45	-0.0100	0.5244	0.0000	2.071	2.102	**Left**	HB45	12.00	0.00	4.50	2.75	7.25	18.000	**OK**	0.637	0.713	3.179	2.950		2.102
	Grade		1975+35.00	HB45	1561.94	66.98	-2.00%	0.00	1563.28	0.00	-2.00%	0.00	1563.28	HB45	-0.0100	0.5321	0.0000	2.102	2.133	**Left**	HB45	12.00	0.00	4.50	2.80	7.30	18.000	**OK**	0.642	0.721	3.195	2.959		2.133
	Grade		1975+40.00	HB45	1561.90	66.90	-2.00%	0.00	1563.24	0.00	-2.00%	0.00	1563.24	HB45	-0.0080	0.5398	0.0000	2.133	2.164	**Left**	HB45	12.00	0.00	4.50	3.31	7.81	18.000	**OK**	0.688	0.797	2.984	2.715		2.164
	Grade		1975+45.00	HB45	1561.85	66.83	-2.00%	0.00	1563.19	0.00	-2.00%	0.00	1563.19	HB45	-0.0100	0.5475	0.0000	2.164	2.195	**Left**	HB45	12.00	0.00	4.50	2.92	7.42	18.000	**OK**	0.652	0.737	3.227	2.976		2.195
	Grade		1975+50.00	HB45	1561.81	66.75	-2.00%	0.00	1563.14	0.00	-2.00%	0.00	1563.14	HB45	-0.0100	0.5551	0.0000	2.195	2.225	**Left**	HB45	12.00	0.00	4.50	2.97	7.47	18.000	**OK**	0.657	0.746	3.242	2.985		2.225
	Grade		1975+55.00	HB45	1561.76	66.68	-2.00%	0.00	1563.09	0.00	-2.00%	0.00	1563.09	HB45	-0.0100	0.5628	0.0000	2.225	2.256	**Left**	HB45	12.00	0.00	4.50	3.03	7.53	18.000	**OK**	0.662	0.754	3.258	2.993		2.256
	Grade		1975+60.00	HB45	1561.71	66.60	-2.00%	0.00	1563.04	0.00	-2.00%	0.00	1563.04	HB45	-0.0100	0.5704	0.0000	2.256	2.287	**Left**	HB45	12.00	0.00	4.50	3.08	7.58	18.000	**OK**	0.667	0.762	3.273	3.001		2.287

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		1975+65.00	HB45	1561.66	66.53	-2.00%	0.00	1562.99	0.00	-2.00%	0.00	1562.99	HB45	-0.0100	0.5781	0.0000	2.287	2.317	**Left**	HB45	12.00	0.00	4.50	3.13	7.63	18.000	**OK**	0.672	0.770	3.288	3.009		2.317
	Grade		1975+70.00	HB45	1561.61	66.45	-2.00%	0.00	1562.94	0.00	-2.00%	0.00	1562.94	HB45	-0.0100	0.5857	0.0000	2.317	2.348	**Left**	HB45	12.00	0.00	4.50	3.19	7.69	18.000	**OK**	0.677	0.778	3.302	3.017		2.348
	Grade		1975+75.00	HB45	1561.57	66.38	-2.00%	0.00	1562.90	0.00	-2.00%	0.00	1562.90	HB45	-0.0080	0.5933	0.0000	2.348	2.379	**Left**	HB45	12.00	0.00	4.50	3.70	8.20	18.000	**OK**	0.723	0.860	3.081	2.766		2.379
	Grade		1975+80.00	HB45	1561.52	66.30	-2.00%	0.00	1562.85	0.00	-2.00%	0.00	1562.85	HB45	-0.0100	0.6009	0.0000	2.379	2.409	**Left**	HB45	12.00	0.00	4.50	3.29	7.79	18.000	**OK**	0.686	0.794	3.331	3.033		2.409
	Grade		1975+85.00	HB45	1561.48	66.23	-2.00%	0.00	1562.80	0.00	-2.00%	0.00	1562.80	HB45	-0.0100	0.6085	0.0000	2.409	2.440	**Left**	HB45	12.00	0.00	4.50	3.34	7.84	18.000	**OK**	0.691	0.802	3.346	3.040		2.440
	Grade		1975+90.00	HB45	1561.43	66.15	-2.00%	0.00	1562.75	0.00	-2.00%	0.00	1562.75	HB45	-0.0100	0.6161	0.0000	2.440	2.470	**Left**	HB45	12.00	0.00	4.50	3.39	7.89	18.000	**OK**	0.695	0.810	3.360	3.048		2.470
	Grade		1975+95.00	HB45	1561.38	66.08	-2.00%	0.00	1562.70	0.00	-2.00%	0.00	1562.70	HB45	-0.0100	0.6237	0.0000	2.470	2.501	**Left**	HB45	12.00	0.00	4.50	3.44	7.94	18.000	**OK**	0.700	0.818	3.374	3.055		2.501
	Grade		1976+00.00	HB45	1561.33	66.00	-2.00%	0.00	1562.65	0.00	-2.00%	0.00	1562.65	HB45	-0.010000	0.6313	0.0000	2.501	2.531	**Left**	HB45	12.00	0.00	4.50	3.49	7.99	18.000	**OK**	0.704	0.826	3.387	3.063		2.531
	Grade		1976+05.00	HB45	1561.29	65.93	-2.00%	0.00	1562.61	0.00	-2.00%	0.00	1562.61	HB45	-0.008000	0.6389	0.0000	2.531	2.561	**Left**	HB45	12.00	0.00	4.50	4.02	8.52	18.000	**OK**	0.752	0.913	3.158	2.806		2.561
	Grade		1976+10.00	HB45	1561.24	65.85	-2.00%	0.00	1562.56	0.00	-2.00%	0.00	1562.56	HB45	-0.0100	0.6464	0.0000	2.561	2.592	**Left**	HB45	12.00	0.00	4.50	3.59	8.09	18.000	**OK**	0.713	0.842	3.415	3.077		2.592
	Grade		1976+15.00	HB45	1561.19	65.78	-2.00%	0.00	1562.51	0.00	-2.00%	0.00	1562.51	HB45	-0.0100	0.6540	0.0000	2.592	2.622	**Left**	HB45	12.00	0.00	4.50	3.64	8.14	18.000	**OK**	0.718	0.850	3.428	3.084		2.622
	Grade		1976+20.00	HB45	1561.15	65.70	-2.00%	0.00	1562.46	0.00	-2.00%	0.00	1562.46	HB45	-0.0100	0.6615	0.0000	2.622	2.652	**Left**	HB45	12.00	0.00	4.50	3.69	8.19	18.000	**OK**	0.722	0.858	3.441	3.091		2.652
	Grade		1976+25.00	HB45	1561.10	65.63	-2.00%	0.00	1562.41	0.00	-2.00%	0.00	1562.41	HB45	-0.0100	0.6691	0.0000	2.652	2.682	**Left**	HB45	12.00	0.00	4.50	3.74	8.24	18.000	**OK**	0.726	0.866	3.454	3.098		2.682
	Grade		1976+30.00	HB45	1561.05	65.55	-2.00%	0.00	1562.36	0.00	-2.00%	0.00	1562.36	HB45	-0.0100	0.6766	0.0000	2.682	2.713	**Left**	HB45	12.00	0.00	4.50	3.78	8.28	18.000	**OK**	0.731	0.874	3.467	3.104		2.713
	Grade		1976+35.00	HB45	1561.00	65.48	-2.00%	0.00	1562.3100	0.00	-2.00%	0.00	1562.31	HB45	-0.0100	0.6841	0.0000	2.713	2.743	**Left**	HB45	12.00	0.00	4.50	3.83	8.33	18.000	**OK**	0.735	0.882	3.480	3.111		2.743
	Grade		1976+40.00	HB45	1560.96	65.40	-2.00%	0.00	1562.2700	0.00	-2.00%	0.00	1562.27	HB45	-0.0080	0.6916	0.0000	2.743	2.773	**Left**	HB45	12.00	0.00	4.50	4.37	8.87	18.000	**OK**	0.783	0.973	3.242	2.848		2.773
	Grade		1976+45.00	HB45	1560.91	65.33	-2.00%	0.00	1562.22	0.00	-2.00%	0.00	1562.22	HB45	-0.0100	0.6991	0.0000	2.773	2.803	**Left**	HB45	12.00	0.00	4.50	3.92	8.42	18.000	**OK**	0.743	0.897	3.505	3.124		2.803
	Grade		1976+50.00	HB45	1560.87	65.25	-2.00%	0.00	1562.17	0.00	-2.00%	0.00	1562.17	HB45	-0.0100	0.7066	0.0000	2.803	2.833	**Left**	HB45	12.00	0.00	4.50	3.97	8.47	18.000	**OK**	0.747	0.905	3.518	3.130		2.833
	Grade		1976+55.00	HB45	1560.82	65.18	-2.00%	0.00	1562.12	0.00	-2.00%	0.00	1562.12	HB45	-0.0100	0.7141	0.0000	2.833	2.863	**Left**	HB45	12.00	0.00	4.50	4.02	8.52	18.000	**OK**	0.751	0.913	3.530	3.137		2.863
	Grade		1976+60.00	HB45	1560.77	65.10	-2.00%	0.00	1562.07	0.00	-2.00%	0.00	1562.07	HB45	-0.0100	0.7216	0.0000	2.863	2.893	**Left**	HB45	12.00	0.00	4.50	4.06	8.56	18.000	**OK**	0.756	0.920	3.542	3.143		2.893
	Grade		1976+65.00	HB45	1560.72	65.03	-2.00%	0.00	1562.02	0.00	-2.00%	0.00	1562.02	HB45	-0.0100	0.7291	0.0000	2.893	2.923	**Left**	HB45	12.00	0.00	4.50	4.11	8.61	18.000	**OK**	0.760	0.928	3.555	3.149		2.923
	Grade		1976+70.00	HB45	1560.67	64.95	-2.00%	0.00	1561.97	0.00	-2.00%	0.00	1561.97	HB45	-0.0100	0.7365	0.0000	2.923	2.953	**Left**	HB45	12.00	0.00	4.50	4.15	8.65	18.000	**OK**	0.764	0.936	3.567	3.155		2.953
	Grade		1976+75.00	HB45	1560.63	64.88	-2.00%	0.00	1561.93	0.00	-2.00%	0.00	1561.93	HB45	-0.0080	0.7440	0.0000	2.953	2.983	**Left**	HB45	12.00	0.00	4.50	4.69	9.19	18.000	**OK**	0.813	1.033	3.320	2.888		2.983
	Grade		1976+80.00	HB45	1560.58	64.80	-2.00%	0.00	1561.88	0.00	-2.00%	0.00	1561.88	HB45	-0.0100	0.7514	0.0000	2.983	3.012	**Left**	HB45	12.00	0.00	4.50	4.24	8.74	18.000	**OK**	0.771	0.951	3.590	3.167		3.012
	Grade		1976+85.00	HB45	1560.54	64.73	-2.00%	0.00	1561.83	0.00	-2.00%	0.00	1561.83	HB45	-0.0100	0.7589	0.0000	3.012	3.042	**Left**	HB45	12.00	0.00	4.50	4.28	8.78	18.000	**OK**	0.775	0.959	3.602	3.173		3.042
	Grade		1976+90.00	HB45	1560.49	64.65	-2.00%	0.00	1561.78	0.00	-2.00%	0.00	1561.78	HB45	-0.0100	0.7663	0.0000	3.042	3.072	**Left**	HB45	12.00	0.00	4.50	4.32	8.82	18.000	**OK**	0.779	0.966	3.613	3.179		3.072
	Grade		1976+95.00	HB45	1560.44	64.58	-2.00%	0.00	1561.73	0.00	-2.00%	0.00	1561.73	HB45	-0.0100	0.7737	0.0000	3.072	3.102	**Left**	HB45	12.00	0.00	4.50	4.37	8.87	18.000	**OK**	0.783	0.974	3.625	3.185		3.102
	Grade		1977+00.00	HB45	1560.39	64.50	-2.00%	0.00	1561.68	0.00	-2.00%	0.00	1561.68	HB45	-0.0100	0.7811	0.0000	3.102	3.131	**Left**	HB45	12.00	0.00	4.50	4.41	8.91	18.000	**OK**	0.787	0.981	3.636	3.191		3.131
	Grade		1977+05.00	HB45	1560.35	64.43	-2.00%	0.00	1561.64	0.00	-2.00%	0.00	1561.64	HB45	-0.0080	0.7885	0.0000	3.131	3.161	**Left**	HB45	12.00	0.00	4.50	4.96	9.46	18.000	**OK**	0.837	1.083	3.383	2.919		3.161
	Grade		1977+10.00	HB45	1560.30	64.35	-2.00%	0.00	1561.59	0.00	-2.00%	0.00	1561.59	HB45	-0.0100	0.7959	0.0000	3.161	3.191	**Left**	HB45	12.00	0.00	4.50	4.49	8.99	18.000	**OK**	0.795	0.997	3.659	3.202		3.191
	Grade		1977+15.00	HB45	1560.25	64.28	-2.00%	0.00	1561.54	0.00	-2.00%	0.00	1561.54	HB45	-0.0100	0.8033	0.0000	3.191	3.220	**Left**	HB45	12.00	0.00	4.50	4.54	9.04	18.000	**OK**	0.798	1.004	3.670	3.207		3.220
	Grade		1977+20.00	HB45	1560.21	64.20	-2.00%	0.00	1561.49	0.00	-2.00%	0.00	1561.49	HB45	-0.0100	0.8106	0.0000	3.220	3.250	**Left**	HB45	12.00	0.00	4.50	4.58	9.08	18.000	**OK**	0.802	1.012	3.681	3.213		3.250
	Grade		1977+25.00	HB45	1560.16	64.13	-2.00%	0.00	1561.44	0.00	-2.00%	0.00	1561.44	HB45	-0.0100	0.8180	0.0000	3.250	3.279	**Left**	HB45	12.00	0.00	4.50	4.62	9.12	18.000	**OK**	0.806	1.019	3.692	3.218		3.279
	Grade		1977+30.00	HB45	1560.11	64.05	-2.00%	0.00	1561.39	0.00	-2.00%	0.00	1561.39	HB45	-0.0100	0.8254	0.0000	3.279	3.309	**Left**	HB45	12.00	0.00	4.50	4.66	9.16	18.000	**OK**	0.809	1.026	3.702	3.224		3.309
	Grade		1977+35.00	HB45	1560.06	63.98	-2.00%	0.00	1561.34	0.00	-2.00%	0.00	1561.34	HB45	-0.0100	0.8327	0.0000	3.309	3.338	**Left**	HB45	12.00	0.00	4.50	4.70	9.20	18.000	**OK**	0.813	1.034	3.713	3.229		3.338
	Grade		1977+40.00	HB45	1560.02	63.90	-2.00%	0.00	1561.30	0.00	-2.00%	0.00	1561.30	HB45	-0.0080	0.8401	0.0000	3.338	3.368	**Left**	HB45	12.00	0.00	4.50	5.26	9.76	18.000	**OK**	0.864	1.140	3.453	2.954		3.368
	Grade		1977+45.00	HB45	1559.97	63.83	-2.00%	0.00	1561.25	0.00	-2.00%	0.00	1561.25	HB45	-0.0100	0.8474	0.0000	3.368	3.397	**Left**	HB45	12.00	0.00	4.50	4.78	9.28	18.000	**OK**	0.820	1.049	3.734	3.240		3.397
	Grade		1977+50.00	HB45	1559.93	63.75	-2.00%	0.00	1561.20	0.00	-2.00%	0.00	1561.20	HB45	-0.0100	0.8547	0.0000	3.397	3.427	**Left**	HB45	12.00	0.00	4.50	4.82	9.32	18.000	**OK**	0.824	1.056	3.745	3.245		3.427
	Grade		1977+55.00	HB45	1559.88	63.68	-2.00%	0.00	1561.15	0.00	-2.00%	0.00	1561.15	HB45	-0.0100	0.8620	0.0000	3.427	3.456	**Left**	HB45	12.00	0.00	4.50	4.86	9.36	18.000	**OK**	0.827	1.063	3.755	3.250		3.456
	Grade		1977+60.00	HB45	1559.83	63.60	-2.00%	0.00	1561.10	0.00	-2.00%	0.00	1561.10	HB45	-0.0100	0.8693	0.0000	3.456	3.485	**Left**	HB45	12.00	0.00	4.50	4.90	9.40	18.000	**OK**	0.831	1.071	3.765	3.255		3.485
	Grade		1977+65.00	HB45	1559.78	63.53	-2.00%	0.00	1561.05	0.00	-2.00%	0.00	1561.05	HB45	-0.0100	0.8766	0.0000	3.485	3.514	**Left**	HB45	12.00	0.00	4.50	4.94	9.44	18.000	**OK**	0.834	1.078	3.776	3.260		3.514
	Grade		1977+70.00	HB45	1559.73	63.45	-2.00%	0.00	1561.00	0.00	-2.00%	0.00	1561.00	HB45	-0.0100	0.8839	0.0000	3.514	3.544	**Left**	HB45	12.00	0.00	4.50	4.97	9.47	18.000	**OK**	0.838	1.085	3.786	3.265		3.544
	Grade		1977+75.00	HB45	1559.69	63.38	-2.00%	0.00	1560.96	0.00	-2.00%	0.00	1560.96	HB45	-0.0080	0.8912	0.0000	3.544	3.573	**Left**	HB45	12.00	0.00	4.50	5.54	10.04	18.000	**OK**	0.889	1.197	3.519	2.986		3.573
	Grade		1977+80.00	HB45	1559.64	63.30	-2.00%	0.00	1560.91	0.00	-2.00%	0.00	1560.91	HB45	-0.0100	0.8985	0.0000	3.573	3.602	**Left**	HB45	12.00	0.00	4.50	5.05	9.55	18.000	**OK**	0.845	1.100	3.806	3.275		3.602
	Grade		1977+85.00	HB45	1559.60	63.23	-2.00%	0.00	1560.86	0.00	-2.00%	0.00	1560.86	HB45	-0.0100	0.9057	0.0000	3.602	3.631	**Left**	HB45	12.00	0.00	4.50	5.09	9.59	18.000	**OK**	0.848	1.107	3.816	3.280		3.631
	Grade		1977+90.00	HB45	1559.55	63.15	-2.00%	0.00	1560.81	0.00	-2.00%	0.00	1560.81	HB45	-0.0100	0.9130	0.0000	3.631	3.660	**Left**	HB45	12.00	0.00	4.50	5.13	9.63	18.000	**OK**	0.851	1.114	3.825	3.285		3.660
	Grade		1977+95.00	HB45	1559.50	63.08	-2.00%	0.00	1560.76	0.00	-2.00%	0.00	1560.76	HB45	-0.0100	0.9202	0.0000	3.660	3.689	**Left**	HB45	12.00	0.00	4.50	5.16	9.66	18.000	**OK**	0.855	1.121	3.835	3.290		3.689
	Grade		1978+00.00	HB45	1559.45	63.00	-2.00%	0.00	1560.71	0.00	-2.00%	0.00	1560.71	HB45	-0.0100	0.9275	0.0000	3.689	3.718	**Left**	HB45	12.00	0.00	4.50	5.20	9.70	18.000	**OK**	0.858	1.129	3.845	3.294		3.718
	Grade		1978+05.00	HB45	1559.41	62.93	-2.00%	0.00	1560.67	0.00	-2.00%	0.00	1560.67	HB45	-0.0080	0.9347	0.0000	3.718	3.747	**Left**	HB45	12.00	0.00	4.50	5.78	10.28	18.000	**OK**	0.910	1.244	3.572	3.012		3.747
	Grade		1978+10.00	HB45	1559.36	62.85	-2.00%	0.00	1560.62	0.00	-2.00%	0.00	1560.62	HB45	-0.0100	0.9419	0.0000	3.747	3.776	**Left**	HB45	12.00	0.00	4.50	5.27	9.77	18.000	**OK**	0.865	1.143	3.864	3.304		3.776
	Grade		1978+15.00	HB45	1559.31	62.78	-2.00%	0.00	1560.57	0.00	-2.00%	0.00	1560.57	HB45	-0.0100	0.9491	0.0000	3.776	3.805	**Left**	HB45	12.00	0.00	4.50	5.31	9.81	18.000	**OK**	0.868	1.150	3.873	3.309		3.805
	Grade		1978+20.00	HB45	1559.27	62.70	-2.00%	0.00	1560.52	0.00	-2.00%	0.00	1560.52	HB45	-0.0100	0.9563	0.0000	3.805	3.834	**Left**	HB45	12.00	0.00	4.50	5.35	9.85	18.000	**OK**	0.871	1.157	3.883	3.313		3.834
	Grade		1978+25.00	HB45	1559.22	62.63	-2.00%	0.00	1560.47	0.00	-2.00%	0.00	1560.47	HB45	-0.0100	0.9635	0.0000	3.834	3.863	**Left**	HB45	12.00	0.00	4.50	5.38	9.88	18.000	**OK**	0.875	1.164	3.892	3.318		3.863
	Grade		1978+30.00	HB45	1559.17	62.55	-2.00%	0.00	1560.42	0.00	-2.00%	0.00	1560.42	HB45	-0.0100	0.9707	0.0000	3.863	3.891	**Left**	HB45	12.00	0.00	4.50	5.42	9.92	18.000	**OK**	0.878	1.171	3.901	3.322		3.891
	Grade		1978+35.00	HB45	1559.12	62.48	-2.00%	0.00	1560.37	0.00	-2.00%	0.00	1560.37	HB45	-0.0100	0.9779	0.0000	3.891	3.920	**Left**	HB45	12.00	0.00	4.50	5.45	9.95	18.000	**OK**	0.881	1.178	3.911	3.327		3.920
	Grade		1978+40.00	HB45	1559.08	62.40	-2.00%	0.00	1560.33	0.00	-2.00%	0.00	1560.33	HB45	-0.0080	0.9850	0.0000	3.920	3.949	**Left**	HB45	12.00	0.00	4.50	6.04	10.54	18.000	**OK**	0.934	1.298	3.632	3.041		3.949
	Grade		1978+45.00	HB45	1559.03	62.33	-2.00%	0.00	1560.28	0.00	-2.00%	0.00	1560.28	HB45	-0.0100	0.9922	0.0000	3.949	3.978	**Left**	HB45	12.00	0.00	4.50	5.52	10.02	18.000	**OK**	0.887	1.192	3.929	3.336		3.978
	Grade		1978+50.00	HB45	1558.99	62.25	-2.00%	0.00	1560.23	0.00	-2.00%	0.00	1560.23	HB45	-0.0100	0.9993	0.0000	3.978	4.006	**Left**	HB45	12.00	0.00	4.50	5.56	10.06	18.000	**OK**	0.890	1.199	3.938	3.340		4.006
	Grade		1978+55.00	HB45	1558.94	62.18	-2.00%	0.00	1560.18	0.00	-2.00%	0.00	1560.18	HB45	-0.0100	1.0065	0.0000	4.006	4.035	**Left**	HB45	12.00	0.00	4.50	5.59	10.09	18.000	**OK**	0.894	1.206	3.947	3.345		4.035
	Grade		1978+60.00	HB45	1558.89	62.10	-2.00%	0.00	1560.13	0.00	-2.00%	0.00	1560.13	HB45	-0.0100	1.0136	0.0000	4.035	4.064	**Left**	HB45	12.00	0.00	4.50	5.63	10.13	18.000	**OK**	0.897	1.213	3.956	3.349		4.064
	Grade		1978+65.00	HB45	1558.84	62.03	-2.00%	0.00	1560.08	0.00	-2.00%	0.00	1560.08	HB45	-0.0100	1.0207	0.0000	4.064	4.092	**Left**	HB45	12.00	0.00	4.50	5.66	10.16	18.000	**OK**	0.900	1.220	3.964	3.353		4.092
	Grade		1978+70.00	HB45	1558.79	61.95	-2.00%	0.00	1560.03	0.00	-2.00%	0.00	1560.03	HB45	-0.0100	1.0278	0.0000	4.092	4.121	**Left**	HB45	12.00	0.00	4.50	5.70	10.20	18.000	**OK**	0.903	1.227	3.973	3.358		4.121
	Grade		1978+75.00	HB45	1558.75	61.88	-2.00%	0.00	1559.99	0.00	-2.00%	0.00	1559.99	HB45	-0.0080	1.0350	0.0000	4.121	4.149	**Left**	HB45	12.00	0.00	4.50	6.29	10.79	18.000	**OK**	0.956	1.352	3.689	3.069		4.149
	Grade		1978+80.00	HB45	1558.70	61.80	-2.00%	0.00	1559.94	0.00	-2.00%	0.00	1559.94	HB45	-0.0100	1.0421	0.0000	4.149	4.178	**Left**	HB45	12.00	0.00	4.50	5.76	10.26	18.000	**OK**	0.909	1.241	3.990	3.366		4.178
	Grade		1978+85.00	HB45	1558.66	61.73	-2.00%	0.00	1559.89	0.00	-2.00%	0.00	1559.89	HB45	-0.0100	1.0491	0.0000	4.178	4.206	**Left**	HB45	12.00	0.00	4.50	5.80	10.30	18.000	**OK**	0.912	1.248	3.999	3.370		4.206
	Grade		1978+90.00	HB45	1558.61	61.65	-2.00%	0.00	1559.84	0.00	-2.00%	0.00	1559.84	HB45	-0.0100	1.0562	0.0000	4.206	4.234	**Left**	HB45	12.00	0.00	4.50	5.83	10.33	18.000	**OK**	0.915	1.255	4.008	3.374		4.234
	Grade		1978+95.00	HB45	1558.56	61.58	-2.00%	0.00	1559.79	0.00	-2.00%	0.00	1559.79	HB45	-0.0100	1.0633	0.0000	4.234	4.263	**Left**	HB45	12.00	0.00	4.50	5.86	10.36	18.000	**OK**	0.918	1.262	4.016	3.379		4.263
	Grade		1979+00.00	HB45	1558.51	61.50	-2.00%	0.00	1559.74	0.00	-2.00%	0.00	1559.74	HB45	-0.0100	1.0704	0.0000	4.263	4.291	**Left**	HB45	12.00	0.00	4.50	5.90	10.40	18.000	**OK**	0.921	1.269	4.024	3.383		4.291
	Grade		1979+05.00	HB45	1558.47	61.43	-2.00%	0.00	1559.70	0.00	-2.00%	0.00	1559.70	HB45	-0.0080	1.0774	0.0000	4.291	4.319	**Left**	HB45	12.00	0.00	4.50	6.50	11.00	18.000	**OK**	0.975	1.397	3.735	3.092		4.319
	Grade		1979+10.00	HB45	1558.42	61.35	-2.00%	0.00	1559.65	0.00	-2.00%	0.00	1559.65	HB45	-0.0100	1.0845	0.0000	4.319	4.348	**Left**	HB45	12.00	0.00	4.50	5.96	10.46	18.000	**OK**	0.927	1.282	4.041	3.391		4.348
	Grade		1979+15.00	HB45	1558.37	61.28	-2.00%	0.00	1559.60	0.00	-2.00%	0.00	1559.60	HB45	-0.0100	1.0915	0.0000	4.348	4.376	**Left**	HB45	12.00	0.00	4.50	5.99	10.49	18.000	**OK**	0.930	1.289	4.049	3.395		4.376
	Grade		1979+20.00	HB45	1558.33	61.20	-2.00%	0.00	1559.55	0.00	-2.00%	0.00	1559.55	HB45	-0.0100	1.0985	0.0000	4.376	4.404	**Left**	HB45	12.00	0.00	4.50	6.03	10.53	18.000	**OK**	0.932	1.296	4.058	3.399		4.404
	Grade		1979+25.00	HB45	1558.28	61.13	-2.00%	0.00	1559.50	0.00	-2.00%	0.00	1559.50	HB45	-0.0100	1.1055	0.0000	4.404	4.432	**Left**	HB45	12.00	0.00	4.50	6.06	10.56	18.000	**OK**	0.935	1.302	4.066	3.403		4.432

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		1979+30.00	HB45	1558.23	61.05	-2.00%	0.00	1559.45	0.00	-2.00%	0.00	1559.45	HB45	-0.0100	1.1126	0.0000	4.432	4.460	**Left**	HB45	12.00	0.00	4.50	6.09	10.59	18.000	**OK**	0.938	1.309	4.074	3.407		4.460
	Grade		1979+35.00	HB45	1558.18	60.98	-2.00%	0.00	1559.40	0.00	-2.00%	0.00	1559.40	HB45	-0.0100	1.1196	0.0000	4.460	4.488	**Left**	HB45	12.00	0.00	4.50	6.12	10.62	18.000	**OK**	0.941	1.316	4.082	3.411		4.488
	Grade		1979+40.00	HB45	1558.14	60.90	-2.00%	0.00	1559.36	0.00	-2.00%	0.00	1559.36	HB45	-0.0080	1.1266	0.0000	4.488	4.516	**Left**	HB45	12.00	0.00	4.50	6.73	11.23	18.000	**OK**	0.996	1.449	3.788	3.117		4.516
	Grade		1979+45.00	HB45	1558.09	60.83	-2.00%	0.00	1559.31	0.00	-2.00%	0.00	1559.31	HB45	-0.0100	1.1335	0.0000	4.516	4.544	**Left**	HB45	12.00	0.00	4.50	6.19	10.69	18.000	**OK**	0.947	1.329	4.098	3.419		4.544
	Grade		1979+50.00	HB45	1558.05	60.75	-2.00%	0.00	1559.26	0.00	-2.00%	0.00	1559.26	HB45	-0.0100	1.1405	0.0000	4.544	4.572	**Left**	HB45	12.00	0.00	4.50	6.22	10.72	18.000	**OK**	0.950	1.336	4.106	3.422		4.572
	Grade		1979+55.00	HB45	1558.00	60.68	-2.00%	0.00	1559.21	0.00	-2.00%	0.00	1559.21	HB45	-0.0100	1.1475	0.0000	4.572	4.600	**Left**	HB45	12.00	0.00	4.50	6.25	10.75	18.000	**OK**	0.952	1.343	4.113	3.426		4.600
	Grade		1979+60.00	HB45	1557.95	60.60	-2.00%	0.00	1559.16	0.00	-2.00%	0.00	1559.16	HB45	-0.0100	1.1545	0.0000	4.600	4.628	**Left**	HB45	12.00	0.00	4.50	6.28	10.78	18.000	**OK**	0.955	1.349	4.121	3.430		4.628
	Grade		1979+65.00	HB45	1557.90	60.53	-2.00%	0.00	1559.11	0.00	-2.00%	0.00	1559.11	HB45	-0.0100	1.1614	0.0000	4.628	4.656	**Left**	HB45	12.00	0.00	4.50	6.31	10.81	18.000	**OK**	0.958	1.356	4.129	3.434		4.656
	Grade		1979+70.00	HB45	1557.85	60.45	-2.00%	0.00	1559.06	0.00	-2.00%	0.00	1559.06	HB45	-0.0100	1.1683	0.0000	4.656	4.684	**Left**	HB45	12.00	0.00	4.50	6.34	10.84	18.000	**OK**	0.961	1.363	4.137	3.438		4.684
	Grade		1979+75.00	HB45	1557.81	60.38	-2.00%	0.00	1559.02	0.00	-2.00%	0.00	1559.02	HB45	-0.0080	1.1753	0.0000	4.684	4.712	**Left**	HB45	12.00	0.00	4.50	6.95	11.45	18.000	**OK**	1.016	1.500	3.837	3.142		4.712
	Grade		1979+80.00	HB45	1557.76	60.30	-2.00%	0.00	1558.97	0.00	-2.00%	0.00	1558.97	HB45	-0.0100	1.1822	0.0000	4.712	4.739	**Left**	HB45	12.00	0.00	4.50	6.40	10.90	18.000	**OK**	0.966	1.376	4.152	3.445		4.739
	Grade		1979+85.00	HB45	1557.72	60.23	-2.00%	0.00	1558.92	0.00	-2.00%	0.00	1558.92	HB45	-0.0100	1.1891	0.0000	4.739	4.767	**Left**	HB45	12.00	0.00	4.50	6.43	10.93	18.000	**OK**	0.969	1.382	4.160	3.449		4.767
	Grade		1979+90.00	HB45	1557.67	60.15	-2.00%	0.00	1558.87	0.00	-2.00%	0.00	1558.87	HB45	-0.0100	1.1960	0.0000	4.767	4.795	**Left**	HB45	12.00	0.00	4.50	6.46	10.96	18.000	**OK**	0.971	1.389	4.167	3.452		4.795
	Grade		1979+95.00	HB45	1557.62	60.08	-2.00%	0.00	1558.82	0.00	-2.00%	0.00	1558.82	HB45	-0.0100	1.2029	0.0000	4.795	4.823	**Left**	HB45	12.00	0.00	4.50	6.49	10.99	18.000	**OK**	0.974	1.395	4.175	3.456		4.823
	Grade		1980+00.00	HB45	1557.57	60.00	-2.00%	0.00	1558.77	0.00	-2.00%	0.00	1558.77	HB45	-0.0100	1.2098	0.0000	4.823	4.850	**Left**	HB45	12.00	0.00	4.50	6.52	11.02	18.000	**OK**	0.977	1.402	4.182	3.460		4.850
	Grade		1980+05.00	HB45	1557.53	60.01	-2.00%	0.00	1558.73	0.00	-2.00%	0.00	1558.73	HB45	-0.0080	1.2167	0.0000	4.850	4.878	**Left**	HB45	12.00	0.00	4.50	7.14	11.64	18.000	**OK**	1.033	1.543	3.879	3.162		4.878
	Grade		1980+10.00	HB45	1557.48	60.02	-2.00%	0.00	1558.68	0.00	-2.00%	0.00	1558.68	HB45	-0.0100	1.2236	0.0000	4.878	4.905	**Left**	HB45	12.00	0.00	4.50	6.58	11.08	18.000	**OK**	0.982	1.415	4.197	3.467		4.905
	Grade		1980+15.00	HB45	1557.43	60.03	-2.00%	0.00	1558.63	0.00	-2.00%	0.00	1558.63	HB45	-0.0100	1.2305	0.0000	4.905	4.933	**Left**	HB45	12.00	0.00	4.50	6.61	11.11	18.000	**OK**	0.985	1.421	4.204	3.471		4.933
	Grade		1980+20.00	HB45	1557.38	60.04	-2.00%	0.00	1558.58	0.00	-2.00%	0.00	1558.58	HB45	-0.0100	1.2374	0.0000	4.933	4.961	**Left**	HB45	12.00	0.00	4.50	6.64	11.14	18.000	**OK**	0.987	1.428	4.211	3.474		4.961
	Grade		1980+25.00	HB45	1557.33	60.05	-2.00%	0.00	1558.53	0.00	-2.00%	0.00	1558.53	HB45	-0.0100	1.2443	0.0000	4.961	4.988	**Left**	HB45	12.00	0.00	4.50	6.67	11.17	18.000	**OK**	0.990	1.434	4.219	3.478		4.988
	Grade		1980+30.00	HB45	1557.28	60.06	-2.00%	0.00	1558.48	0.00	-2.00%	0.00	1558.48	HB45	-0.0100	1.2512	0.0000	4.988	5.016	**Left**	HB45	12.00	0.00	4.50	6.70	11.20	18.000	**OK**	0.993	1.441	4.226	3.481		5.016
	Grade		1980+35.00	HB45	1557.23	60.07	-2.00%	0.00	1558.43	0.00	-2.00%	0.00	1558.43	HB45	-0.0100	1.2581	0.0000	5.016	5.044	**Left**	HB45	12.00	0.00	4.50	6.72	11.22	18.000	**OK**	0.995	1.447	4.233	3.485		5.044
	Grade		1980+40.00	HB45	1557.19	60.08	-2.00%	0.00	1558.39	0.00	-2.00%	0.00	1558.39	HB45	-0.0080	1.2650	0.0000	5.044	5.071	**Left**	HB45	12.00	0.00	4.50	7.35	11.85	18.000	**OK**	1.052	1.592	3.925	3.185		5.071
	Grade		1980+45.00	HB45	1557.14	60.09	-2.00%	0.00	1558.34	0.00	-2.00%	0.00	1558.34	HB45	-0.0100	1.2719	0.0000	5.071	5.099	**Left**	HB45	12.00	0.00	4.50	6.78	11.28	18.000	**OK**	1.000	1.460	4.247	3.492		5.099
	Grade		1980+50.00	HB45	1557.09	60.10	-2.00%	0.00	1558.29	0.00	-2.00%	0.00	1558.29	HB45	-0.0100	1.2788	0.0000	5.099	5.127	**Left**	HB45	12.00	0.00	4.50	6.81	11.31	18.000	**OK**	1.003	1.467	4.254	3.495		5.127
	Grade		1980+55.00	HB45	1557.04	60.11	-2.00%	0.00	1558.24	0.00	-2.00%	0.00	1558.24	HB45	-0.0100	1.2856	0.0000	5.127	5.154	**Left**	HB45	12.00	0.00	4.50	6.84	11.34	18.000	**OK**	1.006	1.473	4.262	3.499		5.154
	Grade		1980+60.00	HB45	1556.99	60.12	-2.00%	0.00	1558.19	0.00	-2.00%	0.00	1558.19	HB45	-0.0100	1.2925	0.0000	5.154	5.182	**Left**	HB45	12.00	0.00	4.50	6.87	11.37	18.000	**OK**	1.008	1.480	4.269	3.502		5.182
	Grade		1980+65.00	HB45	1556.94	60.13	-2.00%	0.00	1558.14	0.00	-2.00%	0.00	1558.14	HB45	-0.0100	1.2995	0.0000	5.182	5.210	**Left**	HB45	12.00	0.00	4.50	6.90	11.40	18.000	**OK**	1.011	1.486	4.276	3.506		5.210
	Grade		1980+70.00	HB45	1556.89	60.14	-2.00%	0.00	1558.09	0.00	-2.00%	0.00	1558.09	HB45	-0.0100	1.3064	0.0000	5.210	5.237	**Left**	HB45	12.00	0.00	4.50	6.92	11.42	18.000	**OK**	1.013	1.493	4.283	3.509		5.237
	Grade		1980+75.00	HB45	1556.85	60.15	-2.00%	0.00	1558.05	0.00	-2.00%	0.00	1558.05	HB45	-0.0080	1.3133	0.0000	5.237	5.265	**Left**	HB45	12.00	0.00	4.50	7.56	12.06	18.000	**OK**	1.070	1.642	3.970	3.207		5.265
	Grade		1980+80.00	HB45	1556.80	60.16	-2.00%	0.00	1558.00	0.00	-2.00%	0.00	1558.00	HB45	-0.0100	1.3202	0.0000	5.265	5.293	**Left**	HB45	12.00	0.00	4.50	6.98	11.48	18.000	**OK**	1.018	1.505	4.297	3.516		5.293
	Grade		1980+85.00	HB45	1556.75	60.17	-2.00%	0.00	1557.95	0.00	-2.00%	0.00	1557.95	HB45	-0.0100	1.3271	0.0000	5.293	5.320	**Left**	HB45	12.00	0.00	4.50	7.01	11.51	18.000	**OK**	1.021	1.512	4.303	3.519		5.320
	Grade		1980+90.00	HB45	1556.70	60.18	-2.00%	0.00	1557.90	0.00	-2.00%	0.00	1557.90	HB45	-0.0100	1.3340	0.0000	5.320	5.348	**Left**	HB45	12.00	0.00	4.50	7.04	11.54	18.000	**OK**	1.023	1.518	4.310	3.522		5.348
	Grade		1980+95.00	HB45	1556.65	60.19	-2.00%	0.00	1557.85	0.00	-2.00%	0.00	1557.85	HB45	-0.0100	1.3409	0.0000	5.348	5.376	**Left**	HB45	12.00	0.00	4.50	7.06	11.56	18.000	**OK**	1.026	1.525	4.317	3.526		5.376
	Grade		1981+00.00	HB45	1556.60	60.20	-2.00%	0.00	1557.80	0.00	-2.00%	0.00	1557.80	HB45	-0.0100	1.3478	0.0000	5.376	5.403	**Left**	HB45	12.00	0.00	4.50	7.09	11.59	18.000	**OK**	1.028	1.531	4.324	3.529		5.403
	Grade		1981+05.00	HB45	1556.56	60.21	-2.00%	0.00	1557.76	0.00	-2.00%	0.00	1557.76	HB45	-0.0080	1.3547	0.0000	5.403	5.431	**Left**	HB45	12.00	0.00	4.50	7.73	12.23	18.000	**OK**	1.086	1.684	4.008	3.225		5.431
	Grade		1981+10.00	HB45	1556.51	60.22	-2.00%	0.00	1557.71	0.00	-2.00%	0.00	1557.71	HB45	-0.0100	1.3616	0.0000	5.431	5.459	**Left**	HB45	12.00	0.00	4.50	7.15	11.65	18.000	**OK**	1.033	1.544	4.338	3.536		5.459
	Grade		1981+15.00	HB45	1556.46	60.23	-2.00%	0.00	1557.66	0.00	-2.00%	0.00	1557.66	HB45	-0.0100	1.3685	0.0000	5.459	5.486	**Left**	HB45	12.00	0.00	4.50	7.17	11.67	18.000	**OK**	1.036	1.550	4.344	3.539		5.486
	Grade		1981+20.00	HB45	1556.41	60.24	-2.00%	0.00	1557.61	0.00	-2.00%	0.00	1557.61	HB45	-0.0100	1.3754	0.0000	5.486	5.514	**Left**	HB45	12.00	0.00	4.50	7.20	11.70	18.000	**OK**	1.038	1.557	4.351	3.542		5.514
	Grade		1981+25.00	HB45	1556.36	60.25	-2.00%	0.00	1557.56	0.00	-2.00%	0.00	1557.56	HB45	-0.0100	1.3824	0.0000	5.514	5.542	**Left**	HB45	12.00	0.00	4.50	7.23	11.73	18.000	**OK**	1.041	1.563	4.358	3.546		5.542
	Grade		1981+30.00	HB45	1556.30	60.26	-2.00%	0.00	1557.51	0.00	-2.00%	0.00	1557.51	HB45	-0.0100	1.3893	0.0000	5.542	5.570	**Left**	HB45	12.00	0.00	4.50	7.25	11.75	18.000	**OK**	1.043	1.569	4.364	3.549		5.570
	Grade		1981+35.00	HB45	1556.25	60.27	-2.00%	0.00	1557.46	0.00	-2.00%	0.00	1557.46	HB45	-0.0100	1.3962	0.0000	5.570	5.597	**Left**	HB45	12.00	0.00	4.50	7.28	11.78	18.000	**OK**	1.045	1.576	4.371	3.552		5.597
	Grade		1981+40.00	HB45	1556.21	60.28	-2.00%	0.00	1557.42	0.00	-2.00%	0.00	1557.42	HB45	-0.0080	1.4031	0.0000	5.597	5.625	**Left**	HB45	12.00	0.00	4.50	7.93	12.43	18.000	**OK**	1.104	1.733	4.051	3.246		5.625
	Grade		1981+45.00	HB45	1556.16	60.29	-2.00%	0.00	1557.37	0.00	-2.00%	0.00	1557.37	HB45	-0.0100	1.4100	0.0000	5.625	5.653	**Left**	HB45	12.00	0.00	4.50	7.34	11.84	18.000	**OK**	1.050	1.588	4.384	3.559		5.653
	Grade		1981+50.00	HB45	1556.11	60.30	-2.00%	0.00	1557.32	0.00	-2.00%	0.00	1557.32	HB45	-0.0100	1.4170	0.0000	5.653	5.681	**Left**	HB45	12.00	0.00	4.50	7.36	11.86	18.000	**OK**	1.053	1.595	4.391	3.562		5.681
	Grade		1981+55.00	HB45	1556.06	60.31	-2.00%	0.00	1557.27	0.00	-2.00%	0.00	1557.27	HB45	-0.0100	1.4239	0.0000	5.681	5.708	**Left**	HB45	12.00	0.00	4.50	7.39	11.89	18.000	**OK**	1.055	1.601	4.397	3.565		5.708
	Grade		1981+60.00	HB45	1556.01	60.32	-2.00%	0.00	1557.22	0.00	-2.00%	0.00	1557.22	HB45	-0.0100	1.4308	0.0000	5.708	5.736	**Left**	HB45	12.00	0.00	4.50	7.42	11.92	18.000	**OK**	1.058	1.608	4.404	3.568		5.736
	Grade		1981+65.00	HB45	1555.96	60.33	-2.00%	0.00	1557.17	0.00	-2.00%	0.00	1557.17	HB45	-0.0100	1.4377	0.0000	5.736	5.764	**Left**	HB45	12.00	0.00	4.50	7.44	11.94	18.000	**OK**	1.060	1.614	4.411	3.571		5.764
	Grade		1981+70.00	HB45	1555.91	60.34	-2.00%	0.00	1557.12	0.00	-2.00%	0.00	1557.12	HB45	-0.0100	1.4446	0.0000	5.764	5.792	**Left**	HB45	12.00	0.00	4.50	7.47	11.97	18.000	**OK**	1.062	1.620	4.417	3.575		5.792
	Grade		1981+75.00	HB45	1555.87	60.35	-2.00%	0.00	1557.08	0.00	-2.00%	0.00	1557.08	HB45	-0.0080	1.4516	0.0000	5.792	5.819	**Left**	HB45	12.00	0.00	4.50	8.12	12.62	18.000	**OK**	1.121	1.781	4.093	3.267		5.819
	Grade		1981+80.00	HB45	1555.82	60.36	-2.00%	0.00	1557.03	0.00	-2.00%	0.00	1557.03	HB45	-0.0100	1.4585	0.0000	5.819	5.847	**Left**	HB45	12.00	0.00	4.50	7.52	12.02	18.000	**OK**	1.067	1.633	4.430	3.581		5.847
	Grade		1981+85.00	HB45	1555.77	60.37	-2.00%	0.00	1556.98	0.00	-2.00%	0.00	1556.98	HB45	-0.0100	1.4654	0.0000	5.847	5.875	**Left**	HB45	12.00	0.00	4.50	7.55	12.05	18.000	**OK**	1.069	1.639	4.436	3.584		5.875
	Grade		1981+90.00	HB45	1555.72	60.38	-2.00%	0.00	1556.93	0.00	-2.00%	0.00	1556.93	HB45	-0.0100	1.4724	0.0000	5.875	5.903	**Left**	HB45	12.00	0.00	4.50	7.57	12.07	18.000	**OK**	1.072	1.645	4.443	3.587		5.903
	Grade		1981+95.00	HB45	1555.67	60.39	-2.00%	0.00	1556.88	0.00	-2.00%	0.00	1556.88	HB45	-0.0100	1.4793	0.0000	5.903	5.930	**Left**	HB45	12.00	0.00	4.50	7.60	12.10	18.000	**OK**	1.074	1.652	4.449	3.590		5.930
	Grade		1982+00.00	HB45	1555.62	60.40	-2.00%	0.00	1556.83	0.00	-2.00%	0.00	1556.83	HB45	-0.0100	1.4862	0.0000	5.930	5.958	**Left**	HB45	12.00	0.00	4.50	7.63	12.13	18.000	**OK**	1.076	1.658	4.455	3.593		5.958
	Grade		1982+05.00	HB45	1555.58	60.41	-2.00%	0.00	1556.79	0.00	-2.00%	0.00	1556.79	HB45	-0.0080	1.4932	0.0000	5.958	5.986	**Left**	HB45	12.00	0.00	4.50	8.29	12.79	18.000	**OK**	1.136	1.823	4.128	3.284		5.986
	Grade		1982+10.00	HB45	1555.53	60.42	-2.00%	0.00	1556.74	0.00	-2.00%	0.00	1556.74	HB45	-0.0100	1.5001	0.0000	5.986	6.014	**Left**	HB45	12.00	0.00	4.50	7.68	12.18	18.000	**OK**	1.081	1.671	4.468	3.600		6.014
	Grade		1982+15.00	HB45	1555.48	60.43	-2.00%	0.00	1556.69	0.00	-2.00%	0.00	1556.69	HB45	-0.0100	1.5070	0.0000	6.014	6.042	**Left**	HB45	12.00	0.00	4.50	7.70	12.20	18.000	**OK**	1.083	1.677	4.474	3.603		6.042
	Grade		1982+20.00	HB45	1555.43	60.44	-2.00%	0.00	1556.64	0.00	-2.00%	0.00	1556.64	HB45	-0.0100	1.5140	0.0000	6.042	6.069	**Left**	HB45	12.00	0.00	4.50	7.73	12.23	18.000	**OK**	1.086	1.683	4.481	3.606		6.069
	Grade		1982+25.00	HB45	1555.38	60.45	-2.00%	0.00	1556.59	0.00	-2.00%	0.00	1556.59	HB45	-0.0100	1.5209	0.0000	6.069	6.097	**Left**	HB45	12.00	0.00	4.50	7.76	12.26	18.000	**OK**	1.088	1.690	4.487	3.609		6.097
	Grade		1982+30.00	HB45	1555.33	60.46	-2.00%	0.00	1556.54	0.00	-2.00%	0.00	1556.54	HB45	-0.0100	1.5278	0.0000	6.097	6.125	**Left**	HB45	12.00	0.00	4.50	7.78	12.28	18.000	**OK**	1.090	1.696	4.493	3.612		6.125
	Grade		1982+35.00	HB45	1555.28	60.47	-2.00%	0.00	1556.49	0.00	-2.00%	0.00	1556.49	HB45	-0.0100	1.5348	0.0000	6.125	6.153	**Left**	HB45	12.00	0.00	4.50	7.81	12.31	18.000	**OK**	1.093	1.702	4.499	3.615		6.153
	Grade		1982+40.00	HB45	1555.24	60.48	-2.00%	0.00	1556.45	0.00	-2.00%	0.00	1556.45	HB45	-0.0080	1.5417	0.0000	6.153	6.181	**Left**	HB45	12.00	0.00	4.50	8.47	12.97	18.000	**OK**	1.153	1.871	4.168	3.304		6.181
	Grade		1982+45.00	HB45	1555.19	60.49	-2.00%	0.00	1556.40	0.00	-2.00%	0.00	1556.40	HB45	-0.0100	1.5487	0.0000	6.181	6.209	**Left**	HB45	12.00	0.00	4.50	7.86	12.36	18.000	**OK**	1.097	1.715	4.511	3.621		6.209
	Grade		1982+50.00	HB45	1555.14	60.50	-2.00%	0.00	1556.35	0.00	-2.00%	0.00	1556.35	HB45	-0.0100	1.5556	0.0000	6.209	6.236	**Left**	HB45	12.00	0.00	4.50	7.88	12.38	18.000	**OK**	1.100	1.721	4.518	3.624		6.236
	Grade		1982+55.00	HB45	1555.09	60.51	-2.00%	0.00	1556.30	0.00	-2.00%	0.00	1556.30	HB45	-0.0100	1.5626	0.0000	6.236	6.264	**Left**	HB45	12.00	0.00	4.50	7.91	12.41	18.000	**OK**	1.102	1.727	4.524	3.627		6.264
	Grade		1982+60.00	HB45	1555.04	60.52	-2.00%	0.00	1556.25	0.00	-2.00%	0.00	1556.25	HB45	-0.0100	1.5695	0.0000	6.264	6.292	**Left**	HB45	12.00	0.00	4.50	7.93	12.43	18.000	**OK**	1.104	1.733	4.530	3.630		6.292
	Grade		1982+65.00	HB45	1554.99	60.53	-2.00%	0.00	1556.20	0.00	-2.00%	0.00	1556.20	HB45	-0.0100	1.5764	0.0000	6.292	6.320	**Left**	HB45	12.00	0.00	4.50	7.96	12.46	18.000	**OK**	1.106	1.740	4.536	3.633		6.320
	Grade		1982+70.00	HB45	1554.94	60.54	-2.00%	0.00	1556.15	0.00	-2.00%	0.00	1556.15	HB45	-0.0100	1.5834	0.0000	6.320	6.348	**Left**	HB45	12.00	0.00	4.50	7.98	12.48	18.000	**OK**	1.109	1.746	4.542	3.636		6.348
	Grade		1982+75.00	HB45	1554.90	60.55	-2.00%	0.00	1556.11	0.00	-2.00%	0.00	1556.11	HB45	-0.0080	1.5903	0.0000	6.348	6.376	**Left**	HB45	12.00	0.00	4.50	8.66	13.16	18.000	**OK**	1.169	1.919	4.207	3.323		6.376
	Grade		1982+80.00	HB45	1554.85	60.56	-2.00%	0.00	1556.06	0.00	-2.00%	0.00	1556.06	HB45	-0.0100	1.5973	0.0000	6.376	6.404	**Left**	HB45	12.00	0.00	4.50	8.03	12.53	18.000	**OK**	1.113	1.758	4.554	3.642		6.404
	Grade		1982+85.00	HB45	1554.80	60.57	-2.00%	0.00	1556.01	0.00	-2.00%	0.00	1556.01	HB45	-0.0100	1.6042	0.0000	6.404	6.431	**Left**	HB45	12.00	0.00	4.50	8.06	12.56	18.000	**OK**	1.115	1.765	4.560	3.645		6.431
	Grade		1982+90.00	HB45	1554.75	60.58	-2.00%	0.00	1555.96	0.00	-2.00%	0.00	1555.96	HB45	-0.0100	1.6112	0.0000	6.431	6.459	**Left**	HB45	12.00	0.00	4.50	8.08	12.58	18.000	**OK**	1.118	1.771	4.566	3.648		6.459

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		1982+95.00	HB45	1554.70	60.59	-2.00%	0.00	1555.91	0.00	-2.00%	0.00	1555.91	HB45	-0.0100	1.6182	0.0000	6.459	6.487	**Left**	HB45	12.00	0.00	4.50	8.11	12.61	18.000	**OK**	1.120	1.777	4.572	3.651		6.487
	Grade		1983+00.00	HB45	1554.65	60.60	-2.00%	0.00	1555.86	0.00	-2.00%	0.00	1555.86	HB45	-0.0100	1.6251	0.0000	6.487	6.515	**Left**	HB45	12.00	0.00	4.50	8.13	12.63	18.000	**OK**	1.122	1.783	4.578	3.654		6.515
	Grade		1983+05.00	HB45	1554.61	60.61	-2.00%	0.00	1555.82	0.00	-2.00%	0.00	1555.82	HB45	-0.0080	1.6321	0.0000	6.515	6.543	**Left**	HB45	12.00	0.00	4.50	8.81	13.31	18.000	**OK**	1.183	1.959	4.239	3.339		6.543
	Grade		1983+10.00	HB45	1554.56	60.62	-2.00%	0.00	1555.77	0.00	-2.00%	0.00	1555.77	HB45	-0.0100	1.6390	0.0000	6.543	6.571	**Left**	HB45	12.00	0.00	4.50	8.18	12.68	18.000	**OK**	1.126	1.796	4.589	3.659		6.571
	Grade		1983+15.00	HB45	1554.51	60.63	-2.00%	0.00	1555.72	0.00	-2.00%	0.00	1555.72	HB45	-0.0100	1.6460	0.0000	6.571	6.599	**Left**	HB45	12.00	0.00	4.50	8.21	12.71	18.000	**OK**	1.129	1.802	4.595	3.662		6.599
	Grade		1983+20.00	HB45	1554.46	60.64	-2.00%	0.00	1555.67	0.00	-2.00%	0.00	1555.67	HB45	-0.0100	1.6529	0.0000	6.599	6.627	**Left**	HB45	12.00	0.00	4.50	8.23	12.73	18.000	**OK**	1.131	1.808	4.601	3.665		6.627
	Grade		1983+25.00	HB45	1554.41	60.65	-2.00%	0.00	1555.62	0.00	-2.00%	0.00	1555.62	HB45	-0.0100	1.6599	0.0000	6.627	6.655	**Left**	HB45	12.00	0.00	4.50	8.25	12.75	18.000	**OK**	1.133	1.814	4.607	3.668		6.655
	Grade		1983+30.00	HB45	1554.36	60.66	-2.00%	0.00	1555.57	0.00	-2.00%	0.00	1555.57	HB45	-0.0100	1.6669	0.0000	6.655	6.682	**Left**	HB45	12.00	0.00	4.50	8.28	12.78	18.000	**OK**	1.135	1.820	4.613	3.671		6.682
	Grade		1983+35.00	HB45	1554.31	60.67	-2.00%	0.00	1555.52	0.00	-2.00%	0.00	1555.52	HB45	-0.0100	1.6738	0.0000	6.682	6.710	**Left**	HB45	12.00	0.00	4.50	8.30	12.80	18.000	**OK**	1.137	1.827	4.619	3.674		6.710
	Grade		1983+40.00	HB45	1554.27	60.68	-2.00%	0.00	1555.48	0.00	-2.00%	0.00	1555.48	HB45	-0.0080	1.6808	0.0000	6.710	6.738	**Left**	HB45	12.00	0.00	4.50	8.99	13.49	18.000	**OK**	1.199	2.007	4.277	3.358		6.738
	Grade		1983+45.00	HB45	1554.22	60.69	-2.00%	0.00	1555.43	0.00	-2.00%	0.00	1555.43	HB45	-0.0100	1.6878	0.0000	6.738	6.766	**Left**	HB45	12.00	0.00	4.50	8.35	12.85	18.000	**OK**	1.142	1.839	4.630	3.679		6.766
	Grade		1983+50.00	HB45	1554.17	60.70	-2.00%	0.00	1555.38	0.00	-2.00%	0.00	1555.38	HB45	-0.0100	1.6947	0.0000	6.766	6.794	**Left**	HB45	12.00	0.00	4.50	8.37	12.87	18.000	**OK**	1.144	1.845	4.636	3.682		6.794
	Grade		1983+55.00	HB45	1554.12	60.71	-2.00%	0.00	1555.33	0.00	-2.00%	0.00	1555.33	HB45	-0.0100	1.7017	0.0000	6.794	6.822	**Left**	HB45	12.00	0.00	4.50	8.40	12.90	18.000	**OK**	1.146	1.851	4.642	3.685		6.822
	Grade		1983+60.00	HB45	1554.07	60.72	-2.00%	0.00	1555.28	0.00	-2.00%	0.00	1555.28	HB45	-0.0100	1.7087	0.0000	6.822	6.850	**Left**	HB45	12.00	0.00	4.50	8.42	12.92	18.000	**OK**	1.148	1.857	4.647	3.688		6.850
	Grade		1983+65.00	HB45	1554.02	60.73	-2.00%	0.00	1555.23	0.00	-2.00%	0.00	1555.23	HB45	-0.0100	1.7156	0.0000	6.850	6.878	**Left**	HB45	12.00	0.00	4.50	8.45	12.95	18.000	**OK**	1.150	1.864	4.653	3.691		6.878
	Grade		1983+70.00	HB45	1553.97	60.74	-2.00%	0.00	1555.18	0.00	-2.00%	0.00	1555.18	HB45	-0.0100	1.7226	0.0000	6.878	6.906	**Left**	HB45	12.00	0.00	4.50	8.47	12.97	18.000	**OK**	1.152	1.870	4.659	3.693		6.906
	Grade		1983+75.00	HB45	1553.93	60.75	-2.00%	0.00	1555.14	0.00	-2.00%	0.00	1555.14	HB45	-0.0080	1.7296	0.0000	6.906	6.934	**Left**	HB45	12.00	0.00	4.50	9.16	13.66	18.000	**OK**	1.215	2.054	4.313	3.376		6.934
	Grade		1983+80.00	HB45	1553.87	60.76	-2.00%	0.00	1555.09	0.00	-2.00%	0.00	1555.09	HB45	-0.0100	1.7366	0.0000	6.934	6.962	**Left**	HB45	12.00	0.00	4.50	8.52	13.02	18.000	**OK**	1.157	1.882	4.670	3.699		6.962
	Grade		1983+85.00	HB45	1553.82	60.77	-2.00%	0.00	1555.04	0.00	-2.00%	0.00	1555.04	HB45	-0.0100	1.7435	0.0000	6.962	6.990	**Left**	HB45	12.00	0.00	4.50	8.54	13.04	18.000	**OK**	1.159	1.888	4.675	3.702		6.990
	Grade		1983+90.00	HB45	1553.77	60.78	-2.00%	0.00	1554.99	0.00	-2.00%	0.00	1554.99	HB45	-0.0100	1.7505	0.0000	6.990	7.018	**Left**	HB45	12.00	0.00	4.50	8.56	13.06	18.000	**OK**	1.161	1.894	4.681	3.705		7.018
	Grade		1983+95.00	HB45	1553.72	60.79	-2.00%	0.00	1554.94	0.00	-2.00%	0.00	1554.94	HB45	-0.0100	1.7575	0.0000	7.018	7.046	**Left**	HB45	12.00	0.00	4.50	8.59	13.09	18.000	**OK**	1.163	1.901	4.687	3.707		7.046
	Grade		1984+00.00	HB45	1553.67	60.80	-2.00%	0.00	1554.89	0.00	-2.00%	0.00	1554.89	HB45	-0.0100	1.7645	0.0000	7.046	7.074	**Left**	HB45	12.00	0.00	4.50	8.61	13.11	18.000	**OK**	1.165	1.907	4.692	3.710		7.074
	Grade		1984+05.00	HB45	1553.63	60.81	-2.00%	0.00	1554.85	0.00	-2.00%	0.00	1554.85	HB45	-0.0080	1.7714	0.0000	7.074	7.102	**Left**	HB45	12.00	0.00	4.50	9.31	13.81	18.000	**OK**	1.228	2.094	4.344	3.391		7.102
	Grade		1984+10.00	HB45	1553.58	60.82	-2.00%	0.00	1554.80	0.00	-2.00%	0.00	1554.80	HB45	-0.0100	1.7784	0.0000	7.102	7.130	**Left**	HB45	12.00	0.00	4.50	8.66	13.16	18.000	**OK**	1.169	1.919	4.703	3.716		7.130
	Grade		1984+15.00	HB45	1553.53	60.83	-2.00%	0.00	1554.75	0.00	-2.00%	0.00	1554.75	HB45	-0.0100	1.7854	0.0000	7.130	7.158	**Left**	HB45	12.00	0.00	4.50	8.68	13.18	18.000	**OK**	1.171	1.925	4.709	3.718		7.158
	Grade		1984+20.00	HB45	1553.48	60.84	-2.00%	0.00	1554.70	0.00	-2.00%	0.00	1554.70	HB45	-0.0100	1.7924	0.0000	7.158	7.186	**Left**	HB45	12.00	0.00	4.50	8.70	13.20	18.000	**OK**	1.173	1.931	4.714	3.721		7.186
	Grade		1984+25.00	HB45	1553.43	60.85	-2.00%	0.00	1554.65	0.00	-2.00%	0.00	1554.65	HB45	-0.0100	1.7994	0.0000	7.186	7.214	**Left**	HB45	12.00	0.00	4.50	8.73	13.23	18.000	**OK**	1.176	1.937	4.720	3.724		7.214
	Grade		1984+30.00	HB45	1553.38	60.86	-2.00%	0.00	1554.60	0.00	-2.00%	0.00	1554.60	HB45	-0.0100	1.8064	0.0000	7.214	7.242	**Left**	HB45	12.00	0.00	4.50	8.75	13.25	18.000	**OK**	1.178	1.943	4.725	3.726		7.242
	Grade		1984+35.00	HB45	1553.33	60.87	-2.00%	0.00	1554.55	0.00	-2.00%	0.00	1554.55	HB45	-0.0100	1.8133	0.0000	7.242	7.270	**Left**	HB45	12.00	0.00	4.50	8.77	13.27	18.000	**OK**	1.180	1.949	4.731	3.729		7.270
	Grade		1984+40.00	HB45	1553.29	60.88	-2.00%	0.00	1554.51	0.00	-2.00%	0.00	1554.51	HB45	-0.0080	1.8203	0.0000	7.270	7.298	**Left**	HB45	12.00	0.00	4.50	9.48	13.98	18.000	**OK**	1.243	2.141	4.379	3.409		7.298
	Grade		1984+45.00	HB45	1553.24	60.89	-2.00%	0.00	1554.46	0.00	-2.00%	0.00	1554.46	HB45	-0.0100	1.8273	0.0000	7.298	7.326	**Left**	HB45	12.00	0.00	4.50	8.82	13.32	18.000	**OK**	1.184	1.962	4.742	3.734		7.326
	Grade		1984+50.00	HB45	1553.19	60.90	-2.00%	0.00	1554.41	0.00	-2.00%	0.00	1554.41	HB45	-0.0100	1.8343	0.0000	7.326	7.354	**Left**	HB45	12.00	0.00	4.50	8.84	13.34	18.000	**OK**	1.186	1.968	4.747	3.737		7.354
	Grade		1984+55.00	HB45	1553.14	60.91	-2.00%	0.00	1554.36	0.00	-2.00%	0.00	1554.36	HB45	-0.0100	1.8413	0.0000	7.354	7.382	**Left**	HB45	12.00	0.00	4.50	8.87	13.37	18.000	**OK**	1.188	1.974	4.752	3.740		7.382
	Grade		1984+60.00	HB45	1553.09	60.92	-2.00%	0.00	1554.31	0.00	-2.00%	0.00	1554.31	HB45	-0.0100	1.8483	0.0000	7.382	7.410	**Left**	HB45	12.00	0.00	4.50	8.89	13.39	18.000	**OK**	1.190	1.980	4.758	3.742		7.410
	Grade		1984+65.00	HB45	1553.04	60.93	-2.00%	0.00	1554.26	0.00	-2.00%	0.00	1554.26	HB45	-0.0100	1.8553	0.0000	7.410	7.438	**Left**	HB45	12.00	0.00	4.50	8.91	13.41	18.000	**OK**	1.192	1.986	4.763	3.745		7.438
	Grade		1984+70.00	HB45	1552.99	60.94	-2.00%	0.00	1554.21	0.00	-2.00%	0.00	1554.21	HB45	-0.0100	1.8623	0.0000	7.438	7.466	**Left**	HB45	12.00	0.00	4.50	8.93	13.43	18.000	**OK**	1.194	1.992	4.768	3.748		7.466
	Grade		1984+75.00	HB45	1552.95	60.95	-2.00%	0.00	1554.17	0.00	-2.00%	0.00	1554.17	HB45	-0.0080	1.8693	0.0000	7.466	7.494	**Left**	HB45	12.00	0.00	4.50	9.64	14.14	18.000	**OK**	1.258	2.187	4.413	3.426		7.494
	Grade		1984+80.00	HB45	1552.90	60.96	-2.00%	0.00	1554.12	0.00	-2.00%	0.00	1554.12	HB45	-0.0100	1.8763	0.0000	7.494	7.522	**Left**	HB45	12.00	0.00	4.50	8.98	13.48	18.000	**OK**	1.198	2.004	4.779	3.753		7.522
	Grade		1984+85.00	HB45	1552.85	60.97	-2.00%	0.00	1554.07	0.00	-2.00%	0.00	1554.07	HB45	-0.0100	1.8833	0.0000	7.522	7.550	**Left**	HB45	12.00	0.00	4.50	9.00	13.50	18.000	**OK**	1.200	2.010	4.784	3.756		7.550
	Grade		1984+90.00	HB45	1552.80	60.98	-2.00%	0.00	1554.02	0.00	-2.00%	0.00	1554.02	HB45	-0.0100	1.8903	0.0000	7.550	7.578	**Left**	HB45	12.00	0.00	4.50	9.02	13.52	18.000	**OK**	1.202	2.016	4.790	3.758		7.578
	Grade		1984+95.00	HB45	1552.75	60.99	-2.00%	0.00	1553.97	0.00	-2.00%	0.00	1553.97	HB45	-0.0100	1.8973	0.0000	7.578	7.606	**Left**	HB45	12.00	0.00	4.50	9.05	13.55	18.000	**OK**	1.204	2.022	4.795	3.761		7.606
	Grade		1985+00.00	HB45	1552.70	61.00	-2.00%	0.00	1553.92	0.00	-2.00%	0.00	1553.92	HB45	-0.0100	1.9043	0.0000	7.606	7.634	**Left**	HB45	12.00	0.00	4.50	9.07	13.57	18.000	**OK**	1.206	2.028	4.800	3.763		7.634
	Grade		1985+05.00	HB45	1552.66	60.99	-2.00%	0.00	1553.88	0.00	-2.00%	0.00	1553.88	HB45	-0.0080	1.9113	0.0000	7.634	7.662	**Left**	HB45	12.00	0.00	4.50	9.78	14.28	18.000	**OK**	1.270	2.227	4.442	3.440		7.662
	Grade		1985+10.00	HB45	1552.61	60.98	-2.00%	0.00	1553.83	0.00	-2.00%	0.00	1553.83	HB45	-0.0100	1.9183	0.0000	7.662	7.690	**Left**	HB45	12.00	0.00	4.50	9.11	13.61	18.000	**OK**	1.210	2.041	4.811	3.769		7.690
	Grade		1985+15.00	HB45	1552.56	60.97	-2.00%	0.00	1553.78	0.00	-2.00%	0.00	1553.78	HB45	-0.0100	1.9253	0.0000	7.690	7.718	**Left**	HB45	12.00	0.00	4.50	9.13	13.63	18.000	**OK**	1.212	2.047	4.816	3.771		7.718
	Grade		1985+20.00	HB45	1552.51	60.96	-2.00%	0.00	1553.73	0.00	-2.00%	0.00	1553.73	HB45	-0.0100	1.9323	0.0000	7.718	7.746	**Left**	HB45	12.00	0.00	4.50	9.16	13.66	18.000	**OK**	1.214	2.053	4.821	3.774		7.746
	Grade		1985+25.00	HB45	1552.46	60.95	-2.00%	0.00	1553.68	0.00	-2.00%	0.00	1553.68	HB45	-0.0100	1.9393	0.0000	7.746	7.775	**Left**	HB45	12.00	0.00	4.50	9.18	13.68	18.000	**OK**	1.216	2.059	4.826	3.776		7.775
	Grade		1985+30.00	HB45	1552.41	60.94	-2.00%	0.00	1553.63	0.00	-2.00%	0.00	1553.63	HB45	-0.0100	1.9463	0.0000	7.775	7.803	**Left**	HB45	12.00	0.00	4.50	9.20	13.70	18.000	**OK**	1.218	2.065	4.831	3.779		7.803
	Grade		1985+35.00	HB45	1552.36	60.93	-2.00%	0.00	1553.58	0.00	-2.00%	0.00	1553.58	HB45	-0.0100	1.9533	0.0000	7.803	7.831	**Left**	HB45	12.00	0.00	4.50	9.22	13.72	18.000	**OK**	1.220	2.071	4.836	3.782		7.831
	Grade		1985+40.00	HB45	1552.32	60.92	-2.00%	0.00	1553.54	0.00	-2.00%	0.00	1553.54	HB45	-0.0080	1.9602	0.0000	7.831	7.859	**Left**	HB45	12.00	0.00	4.50	9.94	14.44	18.000	**OK**	1.285	2.273	4.475	3.457		7.859
	Grade		1985+45.00	HB45	1552.27	60.91	-2.00%	0.00	1553.49	0.00	-2.00%	0.00	1553.49	HB45	-0.0100	1.9672	0.0000	7.859	7.887	**Left**	HB45	12.00	0.00	4.50	9.27	13.77	18.000	**OK**	1.224	2.083	4.847	3.787		7.887
	Grade		1985+50.00	HB45	1552.22	60.90	-2.00%	0.00	1553.44	0.00	-2.00%	0.00	1553.44	HB45	-0.0100	1.9742	0.0000	7.887	7.915	**Left**	HB45	12.00	0.00	4.50	9.29	13.79	18.000	**OK**	1.226	2.089	4.852	3.789		7.915
	Grade		1985+55.00	HB45	1552.17	60.89	-2.00%	0.00	1553.39	0.00	-2.00%	0.00	1553.39	HB45	-0.0100	1.9812	0.0000	7.915	7.943	**Left**	HB45	12.00	0.00	4.50	9.31	13.81	18.000	**OK**	1.228	2.095	4.857	3.792		7.943
	Grade		1985+60.00	HB45	1552.12	60.88	-2.00%	0.00	1553.34	0.00	-2.00%	0.00	1553.34	HB45	-0.0100	1.9882	0.0000	7.943	7.971	**Left**	HB45	12.00	0.00	4.50	9.33	13.83	18.000	**OK**	1.230	2.101	4.862	3.794		7.971
	Grade		1985+65.00	HB45	1552.07	60.87	-2.00%	0.00	1553.29	0.00	-2.00%	0.00	1553.29	HB45	-0.0100	1.9952	0.0000	7.971	7.999	**Left**	HB45	12.00	0.00	4.50	9.35	13.85	18.000	**OK**	1.232	2.107	4.867	3.797		7.999
	Grade		1985+70.00	HB45	1552.02	60.86	-2.00%	0.00	1553.24	0.00	-2.00%	0.00	1553.24	HB45	-0.0100	2.0022	0.0000	7.999	8.027	**Left**	HB45	12.00	0.00	4.50	9.37	13.87	18.000	**OK**	1.234	2.113	4.872	3.799		8.027
	Grade		1985+75.00	HB45	1551.98	60.85	-2.00%	0.00	1553.20	0.00	-2.00%	0.00	1553.20	HB45	-0.0080	2.0092	0.0000	8.027	8.055	**Left**	HB45	12.00	0.00	4.50	10.10	14.60	18.000	**OK**	1.299	2.319	4.508	3.473		8.055
	Grade		1985+80.00	HB45	1551.93	60.84	-2.00%	0.00	1553.15	0.00	-2.00%	0.00	1553.15	HB45	-0.0100	2.0161	0.0000	8.055	8.083	**Left**	HB45	12.00	0.00	4.50	9.42	13.92	18.000	**OK**	1.238	2.125	4.882	3.804		8.083
	Grade		1985+85.00	HB45	1551.88	60.83	-2.00%	0.00	1553.10	0.00	-2.00%	0.00	1553.10	HB45	-0.0100	2.0231	0.0000	8.083	8.111	**Left**	HB45	12.00	0.00	4.50	9.44	13.94	18.000	**OK**	1.240	2.131	4.887	3.807		8.111
	Grade		1985+90.00	HB45	1551.83	60.82	-2.00%	0.00	1553.05	0.00	-2.00%	0.00	1553.05	HB45	-0.0100	2.0301	0.0000	8.111	8.139	**Left**	HB45	12.00	0.00	4.50	9.46	13.96	18.000	**OK**	1.242	2.137	4.892	3.809		8.139
	Grade		1985+95.00	HB45	1551.78	60.81	-2.00%	0.00	1553.00	0.00	-2.00%	0.00	1553.00	HB45	-0.0100	2.0371	0.0000	8.139	8.167	**Left**	HB45	12.00	0.00	4.50	9.48	13.98	18.000	**OK**	1.243	2.143	4.897	3.812		8.167
	Grade	3	1986+00.00	HB45	1551.73	60.80	-2.00%	0.00	1552.95	0.00	-2.00%	0.00	1552.95	HB45	-0.0100	2.0441	0.0000	8.167	8.195	**Left**	HB45	12.00	0.00	4.50	9.50	14.00	18.000	**OK**	1.245	2.149	4.902	3.814	3	8.195
	Grade		1986+05.00	HB45	1551.69	60.79	-2.00%	0.00	1552.91	0.00	-2.00%	0.00	1552.91	HB45	-0.0080	2.0511	0.0000	2.706	2.734	**Left**	HB45	12.00	0.00	4.50	4.30	8.80	18.000	**OK**	0.777	0.963	3.227	2.841		2.734
	Grade		1986+10.00	HB45	1551.64	60.78	-2.00%	0.00	1552.86	0.00	-2.00%	0.00	1552.86	HB45	-0.0100	2.0580	0.0000	2.734	2.762	**Left**	HB45	12.00	0.00	4.50	3.86	8.36	18.000	**OK**	0.738	0.887	3.488	3.115		2.762
	Grade		1986+15.00	HB45	1551.59	60.77	-2.00%	0.00	1552.81	0.00	-2.00%	0.00	1552.81	HB45	-0.0100	2.0650	0.0000	2.762	2.790	**Left**	HB45	12.00	0.00	4.50	3.90	8.40	18.000	**OK**	0.741	0.894	3.500	3.121		2.790
	Grade		1986+20.00	HB45	1551.54	60.76	-2.00%	0.00	1552.76	0.00	-2.00%	0.00	1552.76	HB45	-0.0100	2.0720	0.0000	2.790	2.818	**Left**	HB45	12.00	0.00	4.50	3.95	8.45	18.000	**OK**	0.745	0.901	3.512	3.127		2.818
	Grade		1986+25.00	HB45	1551.50	60.75	-2.00%	0.00	1552.71	0.00	-2.00%	0.00	1552.71	HB45	-0.0100	2.0790	0.0000	2.818	2.846	**Left**	HB45	12.00	0.00	4.50	3.99	8.49	18.000	**OK**	0.749	0.908	3.523	3.133		2.846
	Grade		1986+30.00	HB45	1551.45	60.74	-2.00%	0.00	1552.66	0.00	-2.00%	0.00	1552.66	HB45	-0.0100	2.0859	0.0000	2.846	2.874	**Left**	HB45	12.00	0.00	4.50	4.03	8.53	18.000	**OK**	0.753	0.916	3.535	3.139		2.874
	Grade		1986+35.00	HB45	1551.40	60.73	-2.00%	0.00	1552.61	0.00	-2.00%	0.00	1552.61	HB45	-0.0100	2.0929	0.0000	2.874	2.902	**Left**	HB45	12.00	0.00	4.50	4.07	8.57	18.000	**OK**	0.757	0.923	3.546	3.145		2.902
	Grade		1986+40.00	HB45	1551.36	60.72	-2.00%	0.00	1552.57	0.00	-2.00%	0.00	1552.57	HB45	-0.0080	2.0999	0.0000	2.902	2.930	**Left**	HB45	12.00	0.00	4.50	4.61	9.11	18.000	**OK**	0.805	1.018	3.301	2.878		2.930
	Grade		1986+45.00	HB45	1551.31	60.71	-2.00%	0.00	1552.52	0.00	-2.00%	0.00	1552.52	HB45	-0.0100	2.1068	0.0000	2.930	2.958	**Left**	HB45	12.00	0.00	4.50	4.16	8.66	18.000	**OK**	0.764	0.937	3.569	3.156		2.958
	Grade		1986+50.00	HB45	1551.26	60.70	-2.00%	0.00	1552.47	0.00	-2.00%	0.00	1552.47	HB45	-0.0100	2.1138	0.0000	2.958	2.986	**Left**	HB45	12.00	0.00	4.50	4.20	8.70	18.000	**OK**	0.768	0.944	3.580	3.162		2.986
	Grade		1986+55.00	HB45	1551.21	60.69	-2.00%	0.00	1552.42	0.00	-2.00%	0.00	1552.42	HB45	-0.0100	2.1208	0.0000	2.986	3.014	**Left**	HB45	12.00	0.00	4.50	4.24	8.74	18.000	**OK**	0.772	0.951	3.591	3.168		3.014

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		1986+60.00	HB45	1551.16	60.68	-2.00%	0.00	1552.37	0.00	-2.00%	0.00	1552.37	HB45	-0.0100	2.1277	0.0000	3.014	3.042	**Left**	HB45	12.00	0.00	4.50	4.28	8.78	18.000	**OK**	0.775	0.959	3.602	3.173		3.042
	Grade		1986+65.00	HB45	1551.11	60.67	-2.00%	0.00	1552.32	0.00	-2.00%	0.00	1552.32	HB45	-0.0100	2.1347	0.0000	3.042	3.070	**Left**	HB45	12.00	0.00	4.50	4.32	8.82	18.000	**OK**	0.779	0.966	3.613	3.179		3.070
	Grade		1986+70.00	HB45	1551.06	60.66	-2.00%	0.00	1552.27	0.00	-2.00%	0.00	1552.27	HB45	-0.0100	2.1417	0.0000	3.070	3.098	**Left**	HB45	12.00	0.00	4.50	4.36	8.86	18.000	**OK**	0.783	0.973	3.623	3.184		3.098
	Grade		1986+75.00	HB45	1551.02	60.65	-2.00%	0.00	1552.23	0.00	-2.00%	0.00	1552.23	HB45	-0.0080	2.1486	0.0000	3.098	3.126	**Left**	HB45	12.00	0.00	4.50	4.91	9.41	18.000	**OK**	0.832	1.073	3.371	2.913		3.126
	Grade		1986+80.00	HB45	1550.97	60.64	-2.00%	0.00	1552.18	0.00	-2.00%	0.00	1552.18	HB45	-0.0100	2.1556	0.0000	3.126	3.153	**Left**	HB45	12.00	0.00	4.50	4.44	8.94	18.000	**OK**	0.790	0.987	3.645	3.195		3.153
	Grade		1986+85.00	HB45	1550.92	60.63	-2.00%	0.00	1552.13	0.00	-2.00%	0.00	1552.13	HB45	-0.0100	2.1625	0.0000	3.153	3.181	**Left**	HB45	12.00	0.00	4.50	4.48	8.98	18.000	**OK**	0.793	0.994	3.655	3.200		3.181
	Grade		1986+90.00	HB45	1550.87	60.62	-2.00%	0.00	1552.08	0.00	-2.00%	0.00	1552.08	HB45	-0.0100	2.1695	0.0000	3.181	3.209	**Left**	HB45	12.00	0.00	4.50	4.52	9.02	18.000	**OK**	0.797	1.001	3.666	3.205		3.209
	Grade		1986+95.00	HB45	1550.82	60.61	-2.00%	0.00	1552.03	0.00	-2.00%	0.00	1552.03	HB45	-0.0100	2.1765	0.0000	3.209	3.237	**Left**	HB45	12.00	0.00	4.50	4.56	9.06	18.000	**OK**	0.800	1.008	3.676	3.211		3.237
	Grade		1987+00.00	HB45	1550.77	60.60	-2.00%	0.00	1551.98	0.00	-2.00%	0.00	1551.98	HB45	-0.0100	2.1834	0.0000	3.237	3.265	**Left**	HB45	12.00	0.00	4.50	4.60	9.10	18.000	**OK**	0.804	1.015	3.686	3.216		3.265
	Grade		1987+05.00	HB45	1550.73	60.59	-2.00%	0.00	1551.94	0.00	-2.00%	0.00	1551.94	HB45	-0.0080	2.1904	0.0000	3.265	3.293	**Left**	HB45	12.00	0.00	4.50	5.15	9.65	18.000	**OK**	0.854	1.120	3.428	2.941		3.293
	Grade		1987+10.00	HB45	1550.68	60.58	-2.00%	0.00	1551.89	0.00	-2.00%	0.00	1551.89	HB45	-0.0100	2.1973	0.0000	3.293	3.321	**Left**	HB45	12.00	0.00	4.50	4.68	9.18	18.000	**OK**	0.811	1.029	3.707	3.226		3.321
	Grade		1987+15.00	HB45	1550.63	60.57	-2.00%	0.00	1551.84	0.00	-2.00%	0.00	1551.84	HB45	-0.0100	2.2043	0.0000	3.321	3.349	**Left**	HB45	12.00	0.00	4.50	4.71	9.21	18.000	**OK**	0.814	1.036	3.717	3.231		3.349
	Grade		1987+20.00	HB45	1550.58	60.56	-2.00%	0.00	1551.79	0.00	-2.00%	0.00	1551.79	HB45	-0.0100	2.2112	0.0000	3.349	3.377	**Left**	HB45	12.00	0.00	4.50	4.75	9.25	18.000	**OK**	0.818	1.043	3.727	3.236		3.377
	Grade		1987+25.00	HB45	1550.53	60.55	-2.00%	0.00	1551.74	0.00	-2.00%	0.00	1551.74	HB45	-0.0100	2.2182	0.0000	3.377	3.404	**Left**	HB45	12.00	0.00	4.50	4.79	9.29	18.000	**OK**	0.821	1.050	3.737	3.241		3.404
	Grade		1987+30.00	HB45	1550.48	60.54	-2.00%	0.00	1551.69	0.00	-2.00%	0.00	1551.69	HB45	-0.0100	2.2251	0.0000	3.404	3.432	**Left**	HB45	12.00	0.00	4.50	4.83	9.33	18.000	**OK**	0.824	1.057	3.747	3.246		3.432
	Grade		1987+35.00	HB45	1550.43	60.53	-2.00%	0.00	1551.64	0.00	-2.00%	0.00	1551.64	HB45	-0.0100	2.2321	0.0000	3.432	3.460	**Left**	HB45	12.00	0.00	4.50	4.86	9.36	18.000	**OK**	0.828	1.064	3.757	3.251		3.460
	Grade		1987+40.00	HB45	1550.39	60.52	-2.00%	0.00	1551.60	0.00	-2.00%	0.00	1551.60	HB45	-0.0080	2.2390	0.0000	3.460	3.488	**Left**	HB45	12.00	0.00	4.50	5.43	9.93	18.000	**OK**	0.879	1.173	3.492	2.973		3.488
	Grade		1987+45.00	HB45	1550.34	60.51	-2.00%	0.00	1551.55	0.00	-2.00%	0.00	1551.55	HB45	-0.0100	2.2460	0.0000	3.488	3.516	**Left**	HB45	12.00	0.00	4.50	4.94	9.44	18.000	**OK**	0.834	1.078	3.776	3.260		3.516
	Grade		1987+50.00	HB45	1550.29	60.50	-2.00%	0.00	1551.50	0.00	-2.00%	0.00	1551.50	HB45	-0.0097	2.2529	0.0000	3.516	3.544	**Left**	HB45	12.00	0.00	4.50	5.05	9.55	18.000	**OK**	0.844	1.099	3.746	3.224		3.544
	Grade		1987+55.00	HB45	1550.24	60.49	-2.00%	0.00	1551.45	0.00	-2.00%	0.00	1551.45	HB45	-0.0100	2.2599	0.0000	3.544	3.572	**Left**	HB45	12.00	0.00	4.50	5.01	9.51	18.000	**OK**	0.841	1.092	3.795	3.270		3.572
	Grade		1987+60.00	HB45	1550.19	60.48	-2.00%	0.00	1551.40	0.00	-2.00%	0.00	1551.40	HB45	-0.0100	2.2668	0.0000	3.572	3.599	**Left**	HB45	12.00	0.00	4.50	5.05	9.55	18.000	**OK**	0.844	1.099	3.805	3.275		3.599
	Grade		1987+65.00	HB45	1550.14	60.47	-2.00%	0.00	1551.35	0.00	-2.00%	0.00	1551.35	HB45	-0.0100	2.2738	0.0000	3.599	3.627	**Left**	HB45	12.00	0.00	4.50	5.08	9.58	18.000	**OK**	0.848	1.106	3.814	3.279		3.627
	Grade		1987+70.00	HB45	1550.09	60.46	-2.00%	0.00	1551.30	0.00	-2.00%	0.00	1551.30	HB45	-0.0100	2.2807	0.0000	3.627	3.655	**Left**	HB45	12.00	0.00	4.50	5.12	9.62	18.000	**OK**	0.851	1.113	3.824	3.284		3.655
	Grade		1987+75.00	HB45	1550.05	60.45	-2.00%	0.00	1551.26	0.00	-2.00%	0.00	1551.26	HB45	-0.0080	2.2876	0.0000	3.655	3.683	**Left**	HB45	12.00	0.00	4.50	5.69	10.19	18.000	**OK**	0.902	1.227	3.553	3.003		3.683
	Grade		1987+80.00	HB45	1550.00	60.44	-2.00%	0.00	1551.21	0.00	-2.00%	0.00	1551.21	HB45	-0.0100	2.2946	0.0000	3.683	3.711	**Left**	HB45	12.00	0.00	4.50	5.19	9.69	18.000	**OK**	0.857	1.127	3.842	3.293		3.711
	Grade		1987+85.00	HB45	1549.95	60.43	-2.00%	0.00	1551.16	0.00	-2.00%	0.00	1551.16	HB45	-0.0100	2.3015	0.0000	3.711	3.738	**Left**	HB45	12.00	0.00	4.50	5.23	9.73	18.000	**OK**	0.860	1.134	3.852	3.298		3.738
	Grade		1987+90.00	HB45	1549.90	60.42	-2.00%	0.00	1551.11	0.00	-2.00%	0.00	1551.11	HB45	-0.0100	2.3084	0.0000	3.738	3.766	**Left**	HB45	12.00	0.00	4.50	5.26	9.76	18.000	**OK**	0.864	1.140	3.861	3.302		3.766
	Grade		1987+95.00	HB45	1549.85	60.41	-2.00%	0.00	1551.06	0.00	-2.00%	0.00	1551.06	HB45	-0.0100	2.3154	0.0000	3.766	3.794	**Left**	HB45	12.00	0.00	4.50	5.30	9.80	18.000	**OK**	0.867	1.147	3.870	3.307		3.794
	Grade	3	1988+00.00	HB45	1549.80	60.40	-2.00%	0.00	1551.01	0.00	-2.00%	0.00	1551.01	HB45	-0.0100	2.3223	0.0000	3.794	3.822	**Left**	HB45	12.00	0.00	4.50	5.33	9.83	18.000	**OK**	0.870	1.154	3.879	3.311	3	3.822
	Grade		1988+05.00	HB45	1549.76	60.39	-2.00%	0.00	1550.97	0.00	-2.00%	0.00	1550.97	HB45	-0.0080	2.3292	0.0000	0.468	0.496	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.280	0.280	1.772	1.772		0.496
	Grade		1988+10.00	HB45	1549.71	60.38	-2.00%	0.00	1550.92	0.00	-2.00%	0.00	1550.92	HB45	-0.0100	2.3362	0.0000	0.496	0.524	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.269	0.269	1.945	1.945		0.524
	Grade		1988+15.00	HB45	1549.66	60.37	-2.00%	0.00	1550.87	0.00	-2.00%	0.00	1550.87	HB45	-0.0100	2.3431	0.0000	0.524	0.552	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.279	0.279	1.977	1.977		0.552
	Grade		1988+20.00	HB45	1549.61	60.36	-2.00%	0.00	1550.82	0.00	-2.00%	0.00	1550.82	HB45	-0.0100	2.3500	0.0000	0.552	0.580	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.288	0.288	2.010	2.010		0.580
	Grade		1988+25.00	HB45	1549.56	60.35	-2.00%	0.00	1550.77	0.00	-2.00%	0.00	1550.77	HB45	-0.0100	2.3570	0.0000	0.580	0.607	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.298	0.298	2.041	2.041		0.607
	Grade		1988+30.00	HB45	1549.51	60.34	-2.00%	0.00	1550.72	0.00	-2.00%	0.00	1550.72	HB45	-0.0100	2.3639	0.0000	0.607	0.635	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.306	0.306	2.072	2.072		0.635
	Grade		1988+35.00	HB45	1549.46	60.33	-2.00%	0.00	1550.67	0.00	-2.00%	0.00	1550.67	HB45	-0.0100	2.3708	0.0000	0.635	0.663	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.315	0.315	2.103	2.103		0.663
	Grade		1988+40.00	HB45	1549.42	60.32	-2.00%	0.00	1550.63	0.00	-2.00%	0.00	1550.63	HB45	-0.0080	2.3777	0.0000	0.663	0.691	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.348	0.348	1.983	1.983		0.691
	Grade		1988+45.00	HB45	1549.37	60.31	-2.00%	0.00	1550.58	0.00	-2.00%	0.00	1550.58	HB45	-0.0100	2.3847	0.0000	0.691	0.718	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.332	0.332	2.162	2.162		0.718
	Grade		1988+50.00	HB45	1549.32	60.30	-2.00%	0.00	1550.53	0.00	-2.00%	0.00	1550.53	HB45	-0.0100	2.3916	0.0000	0.718	0.746	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	2.191	2.191		0.746
	Grade		1988+55.00	HB45	1549.27	60.29	-2.00%	0.00	1550.48	0.00	-2.00%	0.00	1550.48	HB45	-0.0100	2.3985	0.0000	0.746	0.774	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.349	0.349	2.219	2.219		0.774
	Grade		1988+60.00	HB45	1549.22	60.28	-2.00%	0.00	1550.43	0.00	-2.00%	0.00	1550.43	HB45	-0.0100	2.4054	0.0000	0.774	0.802	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.357	0.357	2.247	2.247		0.802
	Grade		1988+65.00	HB45	1549.17	60.27	-2.00%	0.00	1550.38	0.00	-2.00%	0.00	1550.38	HB45	-0.0100	2.4123	0.0000	0.802	0.829	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.365	0.365	2.275	2.275		0.829
	Grade		1988+70.00	HB45	1549.12	60.26	-2.00%	0.00	1550.33	0.00	-2.00%	0.00	1550.33	HB45	-0.0100	2.4193	0.0000	0.829	0.857	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.372	0.372	2.302	2.302		0.857
	Grade		1988+75.00	HB45	1549.09	60.25	-2.00%	0.00	1550.29	0.00	-2.00%	0.00	1550.29	HB45	-0.0080	2.4262	0.0000	0.857	0.885	**Left**	HB45	12.00	0.00	4.50	0.20	4.70	18.000	**OK**	0.408	0.408	2.169	2.167		0.885
	Grade		1988+80.00	HB45	1549.04	60.24	-2.00%	0.00	1550.24	0.00	-2.00%	0.00	1550.24	HB45	-0.0100	2.4331	0.0000	0.885	0.913	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.388	0.388	2.354	2.354		0.913
	Grade		1988+85.00	HB45	1548.99	60.23	-2.00%	0.00	1550.19	0.00	-2.00%	0.00	1550.19	HB45	-0.0100	2.4400	0.0000	0.913	0.940	**Left**	HB45	12.00	0.00	4.50	0.06	4.56	18.000	**OK**	0.395	0.395	2.380	2.380		0.940
	Grade		1988+90.00	HB45	1548.94	60.22	-2.00%	0.00	1550.14	0.00	-2.00%	0.00	1550.14	HB45	-0.0100	2.4469	0.0000	0.940	0.968	**Left**	HB45	12.00	0.00	4.50	0.14	4.64	18.000	**OK**	0.402	0.403	2.405	2.404		0.968
	Grade		1988+95.00	HB45	1548.89	60.21	-2.00%	0.00	1550.09	0.00	-2.00%	0.00	1550.09	HB45	-0.0100	2.4538	0.0000	0.968	0.996	**Left**	HB45	12.00	0.00	4.50	0.22	4.72	18.000	**OK**	0.410	0.410	2.430	2.428		0.996
	Grade		1989+00.00	HB45	1548.85	60.20	-2.00%	0.00	1550.05	0.00	-2.00%	0.00	1550.05	HB45	-0.0080	2.4607	0.0000	0.996	1.023	**Left**	HB45	12.00	0.00	4.50	0.63	5.13	18.000	**OK**	0.447	0.451	2.287	2.270		1.023
	Grade		1989+05.00	HB45	1548.80	60.19	-2.00%	0.00	1550.00	0.00	-2.00%	0.00	1550.00	HB45	-0.0100	2.4677	0.0000	1.023	1.051	**Left**	HB45	12.00	0.00	4.50	0.38	4.88	18.000	**OK**	0.424	0.425	2.479	2.472		1.051
	Grade		1989+10.00	HB45	1548.76	60.18	-2.00%	0.00	1549.96	0.00	-2.00%	0.00	1549.96	HB45	-0.0080	2.4746	0.0000	1.051	1.079	**Left**	HB45	12.00	0.00	4.50	0.79	5.29	18.000	**OK**	0.462	0.468	2.332	2.306		1.079
	Grade		1989+15.00	HB45	1548.71	60.17	-2.00%	0.00	1549.91	0.00	-2.00%	0.00	1549.91	HB45	-0.0100	2.4815	0.0000	1.079	1.106	**Left**	HB45	12.00	0.00	4.50	0.53	5.03	18.000	**OK**	0.438	0.440	2.526	2.512		1.106
	Grade		1989+20.00	HB45	1548.66	60.16	-2.00%	0.00	1549.86	0.00	-2.00%	0.00	1549.86	HB45	-0.0100	2.4884	0.0000	1.106	1.134	**Left**	HB45	12.00	0.00	4.50	0.60	5.10	18.000	**OK**	0.444	0.448	2.549	2.531		1.134
	Grade		1989+25.00	HB45	1548.62	60.15	-2.00%	0.00	1549.82	0.00	-2.00%	0.00	1549.82	HB45	-0.0080	2.4953	0.0000	1.134	1.162	**Left**	HB45	12.00	0.00	4.50	1.03	5.53	18.000	**OK**	0.483	0.493	2.396	2.354		1.162
	Grade		1989+30.00	HB45	1548.57	60.14	-2.00%	0.00	1549.77	0.00	-2.00%	0.00	1549.77	HB45	-0.0100	2.5022	0.0000	1.162	1.189	**Left**	HB45	12.00	0.00	4.50	0.75	5.25	18.000	**OK**	0.458	0.463	2.594	2.567		1.189
	Grade		1989+35.00	HB45	1548.53	60.13	-2.00%	0.00	1549.73	0.00	-2.00%	0.00	1549.73	HB45	-0.0080	2.5091	0.0000	1.189	1.217	**Left**	HB45	12.00	0.00	4.50	1.18	5.68	18.000	**OK**	0.497	0.511	2.437	2.384		1.217
	Grade		1989+40.00	HB45	1548.49	60.12	-2.00%	0.00	1549.69	0.00	-2.00%	0.00	1549.69	HB45	-0.0080	2.5160	0.0000	1.217	1.245	**Left**	HB45	12.00	0.00	4.50	1.26	5.76	18.000	**OK**	0.503	0.519	2.457	2.398		1.245
	Grade		1989+45.00	HB45	1548.44	60.11	-2.00%	0.00	1549.64	0.00	-2.00%	0.00	1549.64	HB45	-0.0100	2.5229	0.0000	1.245	1.272	**Left**	HB45	12.00	0.00	4.50	0.97	5.47	18.000	**OK**	0.477	0.486	2.659	2.617		1.272
	Grade		1989+50.00	HB45	1548.40	60.10	-2.00%	0.00	1549.60	0.00	-2.00%	0.00	1549.60	HB45	-0.0080	2.5298	0.0000	1.272	1.300	**Left**	HB45	12.00	0.00	4.50	1.40	5.90	18.000	**OK**	0.516	0.536	2.496	2.425		1.300
	Grade		1989+55.00	HB45	1548.36	60.09	-2.00%	0.00	1549.56	0.00	-2.00%	0.00	1549.56	HB45	-0.0080	2.5367	0.0000	1.300	1.328	**Left**	HB45	12.00	0.00	4.50	1.48	5.98	18.000	**OK**	0.523	0.545	2.515	2.438		1.328
	Grade		1989+60.00	HB45	1548.31	60.08	-2.00%	0.00	1549.51	0.00	-2.00%	0.00	1549.51	HB45	-0.0100	2.5436	0.0000	1.328	1.355	**Left**	HB45	12.00	0.00	4.50	1.17	5.67	18.000	**OK**	0.495	0.509	2.720	2.663		1.355
	Grade		1989+65.00	HB45	1548.27	60.07	-2.00%	0.00	1549.47	0.00	-2.00%	0.00	1549.47	HB45	-0.0080	2.5505	0.0000	1.355	1.383	**Left**	HB45	12.00	0.00	4.50	1.62	6.12	18.000	**OK**	0.536	0.562	2.552	2.463		1.383
	Grade		1989+70.00	HB45	1548.23	60.06	-2.00%	0.00	1549.43	0.00	-2.00%	0.00	1549.43	HB45	-0.0080	2.5574	0.0000	1.383	1.411	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.542	0.570	2.570	2.474		1.411
	Grade		1989+75.00	HB45	1548.19	60.05	-2.00%	0.00	1549.39	0.00	-2.00%	0.00	1549.39	HB45	-0.0080	2.5643	0.0000	1.411	1.438	**Left**	HB45	12.00	0.00	4.50	1.75	6.25	18.000	**OK**	0.548	0.579	2.588	2.486		1.438
	Grade		1989+80.00	HB45	1548.15	60.04	-2.00%	0.00	1549.35	0.00	-2.00%	0.00	1549.35	HB45	-0.0080	2.5712	0.0000	1.438	1.466	**Left**	HB45	12.00	0.00	4.50	1.82	6.32	18.000	**OK**	0.554	0.587	2.605	2.497		1.466
	Grade		1989+85.00	HB45	1548.11	60.03	-2.00%	0.00	1549.31	0.00	-2.00%	0.00	1549.31	HB45	-0.0080	2.5780	0.0000	1.466	1.494	**Left**	HB45	12.00	0.00	4.50	1.89	6.39	18.000	**OK**	0.560	0.596	2.623	2.508		1.494
	Grade		1989+90.00	HB45	1548.07	60.02	-2.00%	0.00	1549.27	0.00	-2.00%	0.00	1549.27	HB45	-0.0080	2.5849	0.0000	1.494	1.521	**Left**	HB45	12.00	0.00	4.50	1.95	6.45	18.000	**OK**	0.566	0.604	2.640	2.519		1.521
	Grade		1989+95.00	HB45	1548.03	60.01	-2.00%	0.00	1549.23	0.00	-2.00%	0.00	1549.23	HB45	-0.0080	2.5918	0.0000	1.521	1.549	**Left**	HB45	12.00	0.00	4.50	2.02	6.52	18.000	**OK**	0.572	0.612	2.657	2.529		1.549
	Grade		1990+00.00	HB45	1547.99	60.00	-2.00%	0.00	1549.19	0.00	-2.00%	0.00	1549.19	HB45	-0.0080	2.5987	0.0000	1.549	1.576	**Left**	HB45	12.00	0.00	4.50	2.08	6.58	18.000	**OK**	0.577	0.621	2.674	2.539		1.576
	Grade		1990+05.00	HB45	1547.95	60.00	-2.00%	0.00	1549.15	0.00	-2.00%	0.00	1549.15	HB45	-0.0080	2.6056	0.0000	1.576	1.604	**Left**	HB45	12.00	0.00	4.50	2.15	6.65	18.000	**OK**	0.583	0.629	2.690	2.549		1.604
	Grade		1990+10.00	HB45	1547.91	60.00	-2.00%	0.00	1549.11	0.00	-2.00%	0.00	1549.11	HB45	-0.0080	2.6125	0.0000	1.604	1.632	**Left**	HB45	12.00	0.00	4.50	2.21	6.71	18.000	**OK**	0.589	0.638	2.706	2.559		1.632

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		1990+15.00	HB45	1547.87	60.00	-2.00%	0.00	1549.07	0.00	-2.00%	0.00	1549.07	HB45	-0.0080	2.6194	0.0000	1.632	1.659	**Left**	HB45	12.00	0.00	4.50	2.27	6.77	18.000	**OK**	0.594	0.646	2.722	2.569		1.659
	Grade		1990+20.00	HB45	1547.83	60.00	-2.00%	0.00	1549.03	0.00	-2.00%	0.00	1549.03	HB45	-0.0080	2.6263	0.0000	1.659	1.687	**Left**	HB45	12.00	0.00	4.50	2.33	6.83	18.000	**OK**	0.600	0.654	2.738	2.578		1.687
	Grade		1990+25.00	HB45	1547.80	60.00	-2.00%	0.00	1549.00	0.00	-2.00%	0.00	1549.00	HB45	-0.0060	2.6331	0.0000	1.687	1.715	**Left**	HB45	12.00	0.00	4.50	2.95	7.45	18.000	**OK**	0.655	0.742	2.507	2.309		1.715
	Grade		1990+30.00	HB45	1547.76	60.00	-2.00%	0.00	1548.96	0.00	-2.00%	0.00	1548.96	HB45	-0.0080	2.6400	0.0000	1.715	1.742	**Left**	HB45	12.00	0.00	4.50	2.45	6.95	18.000	**OK**	0.611	0.671	2.769	2.596		1.742
	Grade		1990+35.00	HB45	1547.72	60.00	-2.00%	0.00	1548.92	0.00	-2.00%	0.00	1548.92	HB45	-0.0080	2.6469	0.0000	1.742	1.770	**Left**	HB45	12.00	0.00	4.50	2.51	7.01	18.000	**OK**	0.616	0.679	2.784	2.605		1.770
	Grade		1990+40.00	HB45	1547.69	60.00	-2.00%	0.00	1548.89	0.00	-2.00%	0.00	1548.89	HB45	-0.0060	2.6538	0.0000	1.770	1.797	**Left**	HB45	12.00	0.00	4.50	3.14	7.64	18.000	**OK**	0.672	0.771	2.548	2.332		1.797
	Grade		1990+45.00	HB45	1547.65	60.00	-2.00%	0.00	1548.85	0.00	-2.00%	0.00	1548.85	HB45	-0.0080	2.6607	0.0000	1.797	1.825	**Left**	HB45	12.00	0.00	4.50	2.63	7.13	18.000	**OK**	0.627	0.696	2.814	2.622		1.825
	Grade		1990+50.00	HB45	1547.61	60.00	-2.00%	0.00	1548.81	0.00	-2.00%	0.00	1548.81	HB45	-0.0080	2.6676	0.0000	1.825	1.853	**Left**	HB45	12.00	0.00	4.50	2.69	7.19	18.000	**OK**	0.632	0.704	2.829	2.630		1.853
	Grade		1990+55.00	HB45	1547.58	60.00	-2.00%	0.00	1548.78	0.00	-2.00%	0.00	1548.78	HB45	-0.0060	2.6745	0.0000	1.853	1.880	**Left**	HB45	12.00	0.00	4.50	3.32	7.82	18.000	**OK**	0.689	0.799	2.587	2.353		1.880
	Grade		1990+60.00	HB45	1547.54	60.00	-2.00%	0.00	1548.74	0.00	-2.00%	0.00	1548.74	HB45	-0.0080	2.6814	0.0000	1.880	1.908	**Left**	HB45	12.00	0.00	4.50	2.80	7.30	18.000	**OK**	0.642	0.721	2.858	2.646		1.908
	Grade		1990+65.00	HB45	1547.51	60.00	-2.00%	0.00	1548.71	0.00	-2.00%	0.00	1548.71	HB45	-0.0060	2.6882	0.0000	1.908	1.935	**Left**	HB45	12.00	0.00	4.50	3.44	7.94	18.000	**OK**	0.700	0.818	2.613	2.366		1.935
	Grade		1990+70.00	HB45	1547.47	60.00	-2.00%	0.00	1548.67	0.00	-2.00%	0.00	1548.67	HB45	-0.0080	2.6951	0.0000	1.935	1.963	**Left**	HB45	12.00	0.00	4.50	2.92	7.42	18.000	**OK**	0.652	0.737	2.886	2.662		1.963
	Grade		1990+75.00	HB45	1547.44	60.00	-2.00%	0.00	1548.64	0.00	-2.00%	0.00	1548.64	HB45	-0.0060	2.7020	0.0000	1.963	1.991	**Left**	HB45	12.00	0.00	4.50	3.56	8.06	18.000	**OK**	0.710	0.837	2.637	2.379		1.991
	Grade		1990+80.00	HB45	1547.41	60.00	-2.00%	0.00	1548.61	0.00	-2.00%	0.00	1548.61	HB45	-0.0060	2.7089	0.0000	1.991	2.018	**Left**	HB45	12.00	0.00	4.50	3.61	8.11	18.000	**OK**	0.715	0.846	2.650	2.386		2.018
	Grade		1990+85.00	HB45	1547.37	60.00	-2.00%	0.00	1548.57	0.00	-2.00%	0.00	1548.57	HB45	-0.0080	2.7158	0.0000	2.018	2.046	**Left**	HB45	12.00	0.00	4.50	3.08	7.58	18.000	**OK**	0.667	0.762	2.927	2.685		2.046
	Grade		1990+90.00	HB45	1547.34	60.00	-2.00%	0.00	1548.54	0.00	-2.00%	0.00	1548.54	HB45	-0.0060	2.7227	0.0000	2.046	2.073	**Left**	HB45	12.00	0.00	4.50	3.73	8.23	18.000	**OK**	0.726	0.865	2.674	2.398		2.073
	Grade		1990+95.00	HB45	1547.31	60.00	-2.00%	0.00	1548.51	0.00	-2.00%	0.00	1548.51	HB45	-0.0060	2.7296	0.0000	2.073	2.101	**Left**	HB45	12.00	0.00	4.50	3.78	8.28	18.000	**OK**	0.731	0.874	2.686	2.405		2.101
	Grade		1991+00.00	HB45	1547.28	60.00	-2.00%	0.00	1548.48	0.00	-2.00%	0.00	1548.48	HB45	-0.0060	2.7365	0.0000	2.101	2.129	**Left**	HB45	12.00	0.00	4.50	3.84	8.34	18.000	**OK**	0.736	0.883	2.697	2.411		2.129
	Grade		1991+05.00	HB45	1547.24	60.00	-2.00%	0.00	1548.44	0.00	-2.00%	0.00	1548.44	HB45	-0.0080	2.7433	0.0000	2.129	2.156	**Left**	HB45	12.00	0.00	4.50	3.29	7.79	18.000	**OK**	0.686	0.795	2.980	2.713		2.156
	Grade		1991+10.00	HB45	1547.21	60.00	-2.00%	0.00	1548.41	0.00	-2.00%	0.00	1548.41	HB45	-0.0060	2.7502	0.0000	2.156	2.184	**Left**	HB45	12.00	0.00	4.50	3.95	8.45	18.000	**OK**	0.745	0.901	2.721	2.423		2.184
	Grade		1991+15.00	HB45	1547.18	60.00	-2.00%	0.00	1548.38	0.00	-2.00%	0.00	1548.38	HB45	-0.0060	2.7571	0.0000	2.184	2.212	**Left**	HB45	12.00	0.00	4.50	4.00	8.50	18.000	**OK**	0.750	0.911	2.732	2.428		2.212
	Grade		1991+20.00	HB45	1547.15	60.00	-2.00%	0.00	1548.35	0.00	-2.00%	0.00	1548.35	HB45	-0.0060	2.7640	0.0000	2.212	2.239	**Left**	HB45	12.00	0.00	4.50	4.06	8.56	18.000	**OK**	0.755	0.920	2.743	2.434		2.239
	Grade		1991+25.00	HB45	1547.12	60.00	-2.00%	0.00	1548.32	0.00	-2.00%	0.00	1548.32	HB45	-0.0060	2.7709	0.0000	2.239	2.267	**Left**	HB45	12.00	0.00	4.50	4.11	8.61	18.000	**OK**	0.760	0.929	2.754	2.440		2.267
	Grade		1991+30.00	HB45	1547.09	60.00	-2.00%	0.00	1548.29	0.00	-2.00%	0.00	1548.29	HB45	-0.0060	2.7778	0.0000	2.267	2.294	**Left**	HB45	12.00	0.00	4.50	4.16	8.66	18.000	**OK**	0.765	0.938	2.765	2.445		2.294
	Grade		1991+35.00	HB45	1547.06	60.00	-2.00%	0.00	1548.26	0.00	-2.00%	0.00	1548.26	HB45	-0.0060	2.7847	0.0000	2.294	2.322	**Left**	HB45	12.00	0.00	4.50	4.22	8.72	18.000	**OK**	0.770	0.947	2.776	2.451		2.322
	Grade		1991+40.00	HB45	1547.03	60.00	-2.00%	0.00	1548.23	0.00	-2.00%	0.00	1548.23	HB45	-0.0060	2.7915	0.0000	2.322	2.350	**Left**	HB45	12.00	0.00	4.50	4.27	8.77	18.000	**OK**	0.774	0.956	2.787	2.457		2.350
	Grade		1991+45.00	HB45	1547.00	60.00	-2.00%	0.00	1548.20	0.00	-2.00%	0.00	1548.20	HB45	-0.0060	2.7984	0.0000	2.350	2.377	**Left**	HB45	12.00	0.00	4.50	4.32	8.82	18.000	**OK**	0.779	0.966	2.798	2.462		2.377
	Grade		1991+50.00	HB45	1546.97	60.00	-2.00%	0.00	1548.17	0.00	-2.00%	0.00	1548.17	HB45	-0.0060	2.8053	0.0000	2.377	2.405	**Left**	HB45	12.00	0.00	4.50	4.37	8.87	18.000	**OK**	0.784	0.975	2.809	2.467		2.405
	Grade		1991+55.00	HB45	1546.95	60.00	-2.00%	0.00	1548.15	0.00	-2.00%	0.00	1548.15	HB45	-0.0040	2.8122	0.0000	2.405	2.432	**Left**	HB45	12.00	0.00	4.50	5.36	9.86	18.000	**OK**	0.873	1.160	2.458	2.097		2.432
	Grade		1991+60.00	HB45	1546.92	60.00	-2.00%	0.00	1548.12	0.00	-2.00%	0.00	1548.12	HB45	-0.0060	2.8191	0.0000	2.432	2.460	**Left**	HB45	12.00	0.00	4.50	4.47	8.97	18.000	**OK**	0.793	0.993	2.830	2.478		2.460
	Grade		1991+65.00	HB45	1546.89	60.00	-2.00%	0.00	1548.09	0.00	-2.00%	0.00	1548.09	HB45	-0.0060	2.8260	0.0000	2.460	2.488	**Left**	HB45	12.00	0.00	4.50	4.52	9.02	18.000	**OK**	0.797	1.002	2.840	2.483		2.488
	Grade		1991+70.00	HB45	1546.86	60.00	-2.00%	0.00	1548.06	0.00	-2.00%	0.00	1548.06	HB45	-0.0060	2.8329	0.0000	2.488	2.515	**Left**	HB45	12.00	0.00	4.50	4.57	9.07	18.000	**OK**	0.802	1.011	2.850	2.488		2.515
	Grade		1991+75.00	HB45	1546.84	60.00	-2.00%	0.00	1548.04	0.00	-2.00%	0.00	1548.04	HB45	-0.0040	2.8398	0.0000	2.515	2.543	**Left**	HB45	12.00	0.00	4.50	5.58	10.08	18.000	**OK**	0.892	1.203	2.493	2.114		2.543
	Grade		1991+80.00	HB45	1546.81	60.00	-2.00%	0.00	1548.01	0.00	-2.00%	0.00	1548.01	HB45	-0.0060	2.8466	0.0000	2.543	2.570	**Left**	HB45	12.00	0.00	4.50	4.67	9.17	18.000	**OK**	0.811	1.029	2.871	2.498		2.570
	Grade		1991+85.00	HB45	1546.79	60.00	-2.00%	0.00	1547.99	0.00	-2.00%	0.00	1547.99	HB45	-0.0040	2.8535	0.0000	2.570	2.598	**Left**	HB45	12.00	0.00	4.50	5.68	10.18	18.000	**OK**	0.901	1.224	2.510	2.122		2.598
	Grade		1991+90.00	HB45	1546.76	60.00	-2.00%	0.00	1547.96	0.00	-2.00%	0.00	1547.96	HB45	-0.0060	2.8604	0.0000	2.598	2.626	**Left**	HB45	12.00	0.00	4.50	4.77	9.27	18.000	**OK**	0.819	1.047	2.891	2.508		2.626
	Grade		1991+95.00	HB45	1546.73	60.00	-2.00%	0.00	1547.93	0.00	-2.00%	0.00	1547.93	HB45	-0.0060	2.8673	0.0000	2.626	2.653	**Left**	HB45	12.00	0.00	4.50	4.82	9.32	18.000	**OK**	0.824	1.056	2.900	2.513		2.653
	Grade	3	1992+00.00	HB45	1546.71	60.00	-2.00%	0.00	1547.91	0.00	-2.00%	0.00	1547.91	HB45	-0.0040	2.8742	0.0000	2.653	2.681	**Left**	HB45	12.00	0.00	4.50	5.84	10.34	18.000	**OK**	0.915	1.256	2.535	2.135	3	2.681
	Grade		1992+05.00	HB45	1546.69	60.00	-2.00%	0.00	1547.89	0.00	-2.00%	0.00	1547.89	HB45	-0.0040	2.8811	0.0000	0.385	0.412	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.312	0.312	1.322	1.322		0.412
	Grade		1992+10.00	HB45	1546.66	60.00	-2.00%	0.00	1547.86	0.00	-2.00%	0.00	1547.86	HB45	-0.0060	2.8880	0.0000	0.412	0.440	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	1.546	1.546		0.440
	Grade		1992+15.00	HB45	1546.64	60.00	-2.00%	0.00	1547.84	0.00	-2.00%	0.00	1547.84	HB45	-0.0040	2.8949	0.0000	0.440	0.467	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.338	0.338	1.381	1.381		0.467
	Grade		1992+20.00	HB45	1546.61	60.00	-2.00%	0.00	1547.81	0.00	-2.00%	0.00	1547.81	HB45	-0.0060	2.9017	0.0000	0.467	0.495	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.308	0.308	1.609	1.609		0.495
	Grade		1992+25.00	HB45	1546.59	60.00	-2.00%	0.00	1547.79	0.00	-2.00%	0.00	1547.79	HB45	-0.0040	2.9086	0.0000	0.495	0.523	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.364	0.364	1.437	1.437		0.523
	Grade		1992+30.00	HB45	1546.57	60.00	-2.00%	0.00	1547.77	0.00	-2.00%	0.00	1547.77	HB45	-0.0040	2.9155	0.0000	0.523	0.550	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.376	0.376	1.464	1.464		0.550
	Grade		1992+35.00	HB45	1546.55	60.00	-2.00%	0.00	1547.75	0.00	-2.00%	0.00	1547.75	HB45	-0.0040	2.9224	0.0000	0.550	0.578	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.388	0.388	1.490	1.490		0.578
	Grade		1992+40.00	HB45	1546.52	60.00	-2.00%	0.00	1547.72	0.00	-2.00%	0.00	1547.72	HB45	-0.0060	2.9293	0.0000	0.578	0.605	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.351	0.351	1.725	1.725		0.605
	Grade		1992+45.00	HB45	1546.50	60.00	-2.00%	0.00	1547.70	0.00	-2.00%	0.00	1547.70	HB45	-0.0040	2.9362	0.0000	0.605	0.633	**Left**	HB45	12.00	0.00	4.50	0.23	4.73	18.000	**OK**	0.411	0.412	1.540	1.538		0.633
	Grade		1992+50.00	HB45	1546.48	60.00	-2.00%	0.00	1547.68	0.00	-2.00%	0.00	1547.68	HB45	-0.0040	2.9431	0.0000	0.633	0.661	**Left**	HB45	12.00	0.00	4.50	0.36	4.86	18.000	**OK**	0.422	0.423	1.564	1.560		0.661
	Grade		1992+55.00	HB45	1546.46	60.00	-2.00%	0.00	1547.66	0.00	-2.00%	0.00	1547.66	HB45	-0.0040	2.9500	0.0000	0.661	0.688	**Left**	HB45	12.00	0.00	4.50	0.48	4.98	18.000	**OK**	0.433	0.435	1.588	1.581		0.688
	Grade		1992+60.00	HB45	1546.44	60.00	-2.00%	0.00	1547.64	0.00	-2.00%	0.00	1547.64	HB45	-0.0040	2.9568	0.0000	0.688	0.716	**Left**	HB45	12.00	0.00	4.50	0.60	5.10	18.000	**OK**	0.444	0.447	1.611	1.600		0.716
	Grade		1992+65.00	HB45	1546.42	60.00	-2.00%	0.00	1547.62	0.00	-2.00%	0.00	1547.62	HB45	-0.0040	2.9637	0.0000	0.716	0.744	**Left**	HB45	12.00	0.00	4.50	0.71	5.21	18.000	**OK**	0.454	0.459	1.633	1.618		0.744
	Grade		1992+70.00	HB45	1546.40	60.00	-2.00%	0.00	1547.60	0.00	-2.00%	0.00	1547.60	HB45	-0.0040	2.9706	0.0000	0.744	0.771	**Left**	HB45	12.00	0.00	4.50	0.83	5.33	18.000	**OK**	0.465	0.471	1.655	1.635		0.771
	Grade		1992+75.00	HB45	1546.38	60.00	-2.00%	0.00	1547.58	0.00	-2.00%	0.00	1547.58	HB45	-0.0040	2.9775	0.0000	0.771	0.799	**Left**	HB45	12.00	0.00	4.50	0.94	5.44	18.000	**OK**	0.475	0.484	1.677	1.652		0.799
	Grade		1992+80.00	HB45	1546.36	60.00	-2.00%	0.00	1547.56	0.00	-2.00%	0.00	1547.56	HB45	-0.0040	2.9844	0.0000	0.799	0.826	**Left**	HB45	12.00	0.00	4.50	1.05	5.55	18.000	**OK**	0.485	0.496	1.698	1.667		0.826
	Grade		1992+85.00	HB45	1546.34	60.00	-2.00%	0.00	1547.54	0.00	-2.00%	0.00	1547.54	HB45	-0.0040	2.9913	0.0000	0.826	0.854	**Left**	HB45	12.00	0.00	4.50	1.16	5.66	18.000	**OK**	0.494	0.508	1.718	1.682		0.854
	Grade		1992+90.00	HB45	1546.33	60.00	-2.00%	0.00	1547.53	0.00	-2.00%	0.00	1547.53	HB45	-0.0020	2.9982	0.0000	0.854	0.882	**Left**	HB45	12.00	0.00	4.50	2.50	7.00	18.000	**OK**	0.615	0.677	1.390	1.301		0.882
	Grade		1992+95.00	HB45	1546.31	60.00	-2.00%	0.00	1547.51	0.00	-2.00%	0.00	1547.51	HB45	-0.0040	3.0050	0.0000	0.882	0.909	**Left**	HB45	12.00	0.00	4.50	1.37	5.87	18.000	**OK**	0.513	0.532	1.758	1.710		0.909
	Grade		1993+00.00	HB45	1546.29	60.00	-2.00%	0.00	1547.49	0.00	-2.00%	0.00	1547.49	HB45	-0.0040	3.0119	0.0000	0.909	0.937	**Left**	HB45	12.00	0.00	4.50	1.47	5.97	18.000	**OK**	0.522	0.544	1.777	1.723		0.937
	Grade		1993+05.00	HB45	1546.27	60.00	-2.00%	0.00	1547.47	0.00	-2.00%	0.00	1547.47	HB45	-0.0040	3.0188	0.0000	0.937	0.964	**Left**	HB45	12.00	0.00	4.50	1.57	6.07	18.000	**OK**	0.531	0.556	1.795	1.735		0.964
	Grade		1993+10.00	HB45	1546.26	60.00	-2.00%	0.00	1547.46	0.00	-2.00%	0.00	1547.46	HB45	-0.0020	3.0257	0.0000	0.964	0.992	**Left**	HB45	12.00	0.00	4.50	2.96	7.46	18.000	**OK**	0.656	0.744	1.448	1.334		0.992
	Grade		1993+15.00	HB45	1546.24	60.00	-2.00%	0.00	1547.44	0.00	-2.00%	0.00	1547.44	HB45	-0.0040	3.0326	0.0000	0.992	1.020	**Left**	HB45	12.00	0.00	4.50	1.76	6.26	18.000	**OK**	0.549	0.580	1.831	1.759		1.020
	Grade		1993+20.00	HB45	1546.22	60.00	-2.00%	0.00	1547.42	0.00	-2.00%	0.00	1547.42	HB45	-0.0040	3.0395	0.0000	1.020	1.047	**Left**	HB45	12.00	0.00	4.50	1.86	6.36	18.000	**OK**	0.557	0.592	1.849	1.770		1.047
	Grade		1993+25.00	HB45	1546.21	60.00	-2.00%	0.00	1547.41	0.00	-2.00%	0.00	1547.41	HB45	-0.0020	3.0464	0.0000	1.047	1.075	**Left**	HB45	12.00	0.00	4.50	3.28	7.78	18.000	**OK**	0.685	0.793	1.489	1.356		1.075
	Grade		1993+30.00	HB45	1546.19	60.00	-2.00%	0.00	1547.39	0.00	-2.00%	0.00	1547.39	HB45	-0.0040	3.0533	0.0000	1.075	1.102	**Left**	HB45	12.00	0.00	4.50	2.04	6.54	18.000	**OK**	0.574	0.616	1.883	1.791		1.102
	Grade		1993+35.00	HB45	1546.18	60.00	-2.00%	0.00	1547.38	0.00	-2.00%	0.00	1547.38	HB45	-0.0020	3.0601	0.0000	1.102	1.130	**Left**	HB45	12.00	0.00	4.50	3.49	7.99	18.000	**OK**	0.704	0.825	1.514	1.369		1.130
	Grade		1993+40.00	HB45	1546.16	60.00	-2.00%	0.00	1547.36	0.00	-2.00%	0.00	1547.36	HB45	-0.0040	3.0670	0.0000	1.130	1.158	**Left**	HB45	12.00	0.00	4.50	2.22	6.72	18.000	**OK**	0.590	0.639	1.916	1.811		1.158
	Grade		1993+45.00	HB45	1546.15	60.00	-2.00%	0.00	1547.35	0.00	-2.00%	0.00	1547.35	HB45	-0.0020	3.0739	0.0000	1.158	1.185	**Left**	HB45	12.00	0.00	4.50	3.69	8.19	18.000	**OK**	0.722	0.858	1.539	1.382		1.185
	Grade		1993+50.00	HB45	1546.14	60.00	-2.00%	0.00	1547.34	0.00	-2.00%	0.00	1547.34	HB45	-0.0020	3.0808	0.0000	1.185	1.213	**Left**	HB45	12.00	0.00	4.50	3.78	8.28	18.000	**OK**	0.731	0.874	1.551	1.388		1.213
	Grade		1993+55.00	HB45	1546.12	60.00	-2.00%	0.00	1547.32	0.00	-2.00%	0.00	1547.32	HB45	-0.0040	3.0877	0.0000	1.213	1.240	**Left**	HB45	12.00	0.00	4.50	2.48	6.98	18.000	**OK**	0.613	0.675	1.963	1.838		1.240
	Grade		1993+60.00	HB45	1546.11	60.00	-2.00%	0.00	1547.31	0.00	-2.00%	0.00	1547.31	HB45	-0.0020	3.0946	0.0000	1.240	1.268	**Left**	HB45	12.00	0.00	4.50	3.97	8.47	18.000	**OK**	0.748	0.906	1.574	1.400		1.268
	Grade		1993+65.00	HB45	1546.10	60.00	-2.00%	0.00	1547.30	0.00	-2.00%	0.00	1547.30	HB45	-0.0020	3.1015	0.0000	1.268	1.296	**Left**	HB45	12.00	0.00	4.50	4.07	8.57	18.000	**OK**	0.756	0.922	1.585	1.406		1.296

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		1993+70.00	HB45	1546.09	60.00	-2.00%	0.00	1547.29	0.00	-2.00%	0.00	1547.29	HB45	-0.0020	3.1084	0.0000	1.296	1.323	**Left**	HB45	12.00	0.00	4.50	4.16	8.66	18.000	**OK**	0.764	0.937	1.596	1.412		1.323
	Grade		1993+75.00	HB45	1546.07	60.00	-2.00%	0.00	1547.27	0.00	-2.00%	0.00	1547.27	HB45	-0.0040	3.1152	0.0000	1.323	1.351	**Left**	HB45	12.00	0.00	4.50	2.81	7.31	18.000	**OK**	0.643	0.722	2.022	1.872		1.351
	Grade		1993+80.00	HB45	1546.06	60.00	-2.00%	0.00	1547.26	0.00	-2.00%	0.00	1547.26	HB45	-0.0020	3.1221	0.0000	1.351	1.379	**Left**	HB45	12.00	0.00	4.50	4.34	8.84	18.000	**OK**	0.781	0.969	1.618	1.423		1.379
	Grade		1993+85.00	HB45	1546.05	60.00	-2.00%	0.00	1547.25	0.00	-2.00%	0.00	1547.25	HB45	-0.0020	3.1290	0.0000	1.379	1.406	**Left**	HB45	12.00	0.00	4.50	4.43	8.93	18.000	**OK**	0.789	0.985	1.628	1.428		1.406
	Grade		1993+90.00	HB45	1546.04	60.00	-2.00%	0.00	1547.24	0.00	-2.00%	0.00	1547.24	HB45	-0.0020	3.1359	0.0000	1.406	1.434	**Left**	HB45	12.00	0.00	4.50	4.52	9.02	18.000	**OK**	0.796	1.000	1.639	1.433		1.434
	Grade		1993+95.00	HB45	1546.03	60.00	-2.00%	0.00	1547.23	0.00	-2.00%	0.00	1547.23	HB45	-0.0020	3.1428	0.0000	1.434	1.461	**Left**	HB45	12.00	0.00	4.50	4.60	9.10	18.000	**OK**	0.804	1.016	1.649	1.438		1.461
	Grade		1994+00.00	HB45	1546.02	60.00	-2.00%	0.00	1547.22	0.00	-2.00%	0.00	1547.22	HB45	-0.0020	3.1497	0.0000	1.461	1.489	**Left**	HB45	12.00	0.00	4.50	4.69	9.19	18.000	**OK**	0.812	1.032	1.659	1.443		1.489
	Grade		1994+05.00	HB45	1546.01	60.00	-2.00%	0.00	1547.21	0.00	-2.00%	0.00	1547.21	HB45	-0.0020	3.1566	0.0000	1.489	1.517	**Left**	HB45	12.00	0.00	4.50	4.77	9.27	18.000	**OK**	0.819	1.047	1.669	1.448		1.517
	Grade		1994+10.00	HB45	1546.00	60.00	-2.00%	0.00	1547.20	0.00	-2.00%	0.00	1547.20	HB45	-0.0020	3.1634	0.0000	1.517	1.544	**Left**	HB45	12.00	0.00	4.50	4.85	9.35	18.000	**OK**	0.827	1.063	1.679	1.453		1.544
	Grade		1994+15.00	HB45	1545.99	60.00	-2.00%	0.00	1547.19	0.00	-2.00%	0.00	1547.19	HB45	-0.0020	3.1703	0.0000	1.544	1.572	**Left**	HB45	12.00	0.00	4.50	4.94	9.44	18.000	**OK**	0.834	1.078	1.689	1.458		1.572
	Grade		1994+20.00	HB45	1545.98	60.00	-2.00%	0.00	1547.18	0.00	-2.00%	0.00	1547.18	HB45	-0.0020	3.1772	0.0000	1.572	1.599	**Left**	HB45	12.00	0.00	4.50	5.02	9.52	18.000	**OK**	0.842	1.093	1.698	1.463		1.599
	Sag	3	1994+25.00	HB45	1545.97	60.00	-2.00%	0.00	1547.17	0.00	-2.00%	0.00	1547.17	HB45	-0.0020	3.1841	0.0000	1.627	1.655	**Left**	HB45	12.00	0.00	4.50	5.18	9.68	18.000	**OK**	0.856	1.124	1.717	1.472	3	1.655
	Crest		1994+30.00	HB45	1545.97	60.00	-2.00%	0.00	1547.17	0.00	-2.00%	0.00	1547.17	HB45	0.0000	0.0000	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.028
	Grade		1994+35.00	HB45	1545.96	60.00	-2.00%	0.00	1547.16	0.00	-2.00%	0.00	1547.16	HB45	-0.0020	0.0069	0.0000	0.028	0.055	**Left**	HB45	12.00	0.00	3.04	0.00	3.04	18.000	**OK**	0.093	0.093	0.596	0.596		0.055
	Sag		1994+40.00	HB45	1545.95	60.00	-2.00%	0.00	1547.15	0.00	-2.00%	0.00	1547.15	HB45	-0.0020	0.0138	0.0000	0.083	0.110	**Left**	HB45	12.00	0.00	3.95	0.00	3.95	18.000	**OK**	0.156	0.156	0.709	0.709		0.110
	Crest		1994+45.00	HB45	1545.95	60.00	-2.00%	0.00	1547.15	0.00	-2.00%	0.00	1547.15	HB45	0.0000	0.0000	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.028
	Grade		1994+50.00	HB45	1545.94	60.00	-2.00%	0.00	1547.14	0.00	-2.00%	0.00	1547.14	HB45	-0.0020	0.0069	0.0000	0.028	0.055	**Left**	HB45	12.00	0.00	3.04	0.00	3.04	18.000	**OK**	0.093	0.093	0.596	0.596		0.055
	Sag		1994+55.00	HB45	1545.93	60.00	-2.00%	0.00	1547.13	0.00	-2.00%	0.00	1547.13	HB45	-0.0020	0.0138	0.0000	0.083	0.110	**Left**	HB45	12.00	0.00	3.95	0.00	3.95	18.000	**OK**	0.156	0.156	0.709	0.709		0.110
	Crest		1994+60.00	HB45	1545.93	60.00	-2.00%	0.00	1547.13	0.00	-2.00%	0.00	1547.13	HB45	0.0000	0.0000	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.028
	Sag		1994+65.00	HB45	1545.92	60.00	-2.00%	0.00	1547.12	0.00	-2.00%	0.00	1547.12	HB45	-0.0020	0.0069	0.0000	0.055	0.083	**Left**	HB45	12.00	0.00	3.54	0.00	3.54	18.000	**OK**	0.126	0.126	0.660	0.660		0.083
	Crest		1994+70.00	HB45	1545.92	60.00	-2.00%	0.00	1547.12	0.00	-2.00%	0.00	1547.12	HB45	0.0000	0.0000	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.028
	Sag		1994+75.00	HB45	1545.91	60.00	-2.00%	0.00	1547.11	0.00	-2.00%	0.00	1547.11	HB45	-0.0020	0.0069	0.0000	0.055	0.083	**Left**	HB45	12.00	0.00	3.54	0.00	3.54	18.000	**OK**	0.126	0.126	0.660	0.660		0.083
	Crest		1994+80.00	HB45	1545.91	60.00	-2.00%	0.00	1547.11	0.00	-2.00%	0.00	1547.11	HB45	0.0000	0.0000	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.028
	Sag		1994+85.00	HB45	1545.90	60.00	-2.00%	0.00	1547.10	0.00	-2.00%	0.00	1547.10	HB45	-0.0020	0.0138	0.0000	0.083	0.110	**Left**	HB45	12.00	0.00	3.95	0.00	3.95	18.000	**OK**	0.156	0.156	0.709	0.709		0.110
	Grade		1994+90.00	HB45	1545.90	60.00	-2.00%	0.00	1547.10	0.00	-2.00%	0.00	1547.10	HB45	0.0000	0.0069	0.0000	0.028	0.055	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.055
	Crest		1994+95.00	HB45	1545.90	60.00	-2.00%	0.00	1547.10	0.00	-2.00%	0.00	1547.10	HB45	0.0000	0.0000	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.028
	Sag	3	1995+00.00	HB45	1545.89	60.00	-2.00%	0.00	1547.09	0.00	-2.00%	0.00	1547.09	HB45	-0.0020	0.0138	0.0000	1.196	1.223	**Left**	HB45	12.00	0.00	4.50	3.82	8.32	18.000	**OK**	0.734	0.880	1.555	1.391	3	1.223
	Grade		1995+05.00	HB45	1545.89	60.00	-2.00%	0.00	1547.09	0.00	-2.00%	0.00	1547.09	HB45	0.0000	0.0069	0.0000	1.140	1.168	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		1.168
	Grade		1995+10.00	HB45	1545.89	60.00	-2.00%	0.00	1547.09	0.00	-2.00%	0.00	1547.09	HB45	0.0000	0.0069	0.0000	1.113	1.140	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		1.140
	Grade		1995+15.00	HB45	1545.89	60.00	-2.00%	0.00	1547.09	0.00	-2.00%	0.00	1547.09	HB45	0.0000	0.0069	0.0000	1.085	1.113	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		1.113
	Grade		1995+20.00	HB45	1545.89	60.00	-2.00%	0.00	1547.09	0.00	-2.00%	0.00	1547.09	HB45	0.0000	0.0069	0.0000	1.058	1.085	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		1.085
	Grade		1995+25.00	HB45	1545.89	60.00	-2.00%	0.00	1547.09	0.00	-2.00%	0.00	1547.09	HB45	0.0000	0.0069	0.0000	1.030	1.058	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		1.058
	Grade		1995+30.00	HB45	1545.89	60.00	-2.00%	0.00	1547.09	0.00	-2.00%	0.00	1547.09	HB45	0.0000	0.0069	0.0000	1.002	1.030	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		1.030
	Grade		1995+35.00	HB45	1545.89	60.00	-2.00%	0.00	1547.09	0.00	-2.00%	0.00	1547.09	HB45	0.0000	0.0069	0.0000	0.975	1.002	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		1.002
	Grade		1995+40.00	HB45	1545.89	60.00	-2.00%	0.00	1547.09	0.00	-2.00%	0.00	1547.09	HB45	0.0000	0.0069	0.0000	0.947	0.975	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.975
	Grade		1995+45.00	HB45	1545.89	60.00	-2.00%	0.00	1547.09	0.00	-2.00%	0.00	1547.09	HB45	0.0000	0.0069	0.0000	0.919	0.947	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.947
	Grade		1995+50.00	HB45	1545.89	60.00	-2.00%	0.00	1547.09	0.00	-2.00%	0.00	1547.09	HB45	0.0000	0.0069	0.0000	0.892	0.919	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.919
	Grade		1995+55.00	HB45	1545.89	60.00	-2.00%	0.00	1547.09	0.00	-2.00%	0.00	1547.09	HB45	0.0000	0.0069	0.0000	0.864	0.892	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.892
	Grade		1995+60.00	HB45	1545.89	60.00	-2.00%	0.00	1547.09	0.00	-2.00%	0.00	1547.09	HB45	0.0000	0.0069	0.0000	0.837	0.864	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.864
	Grade		1995+65.00	HB45	1545.89	60.00	-2.00%	0.00	1547.09	0.00	-2.00%	0.00	1547.09	HB45	0.0000	0.0069	0.0000	0.809	0.837	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.837
	Grade		1995+70.00	HB45	1545.89	60.00	-2.00%	0.00	1547.09	0.00	-2.00%	0.00	1547.09	HB45	0.0000	0.0138	0.0000	0.781	0.809	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.809
	Grade		1995+75.00	HB45	1545.90	60.00	-2.00%	0.00	1547.10	0.00	-2.00%	0.00	1547.10	HB45	0.0020	0.0069	0.0000	0.754	0.781	**Left**	HB45	12.00	0.00	4.50	2.05	6.55	18.000	**OK**	0.575	0.617	1.333	1.267		0.781
	Grade		1995+80.00	HB45	1545.90	60.00	-2.00%	0.00	1547.10	0.00	-2.00%	0.00	1547.10	HB45	0.0000	0.0069	0.0000	0.726	0.754	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.754
	Grade		1995+85.00	HB45	1545.90	60.00	-2.00%	0.00	1547.10	0.00	-2.00%	0.00	1547.10	HB45	0.0000	0.0138	0.0000	0.699	0.726	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.726
	Grade		1995+90.00	HB45	1545.91	60.00	-2.00%	0.00	1547.11	0.00	-2.00%	0.00	1547.11	HB45	0.0020	0.0069	0.0000	0.671	0.699	**Left**	HB45	12.00	0.00	4.50	1.65	6.15	18.000	**OK**	0.539	0.566	1.281	1.234		0.699
	Grade		1995+95.00	HB45	1545.91	60.00	-2.00%	0.00	1547.11	0.00	-2.00%	0.00	1547.11	HB45	0.0000	0.0138	0.0000	0.643	0.671	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.671
	Grade		1996+00.00	HB45	1545.92	60.00	-2.00%	0.00	1547.12	0.00	-2.00%	0.00	1547.12	HB45	0.0020	0.0069	0.0000	0.616	0.643	**Left**	HB45	12.00	0.00	4.50	1.37	5.87	18.000	**OK**	0.513	0.532	1.243	1.209		0.643
	Grade		1996+05.00	HB45	1545.92	60.00	-2.00%	0.00	1547.12	0.00	-2.00%	0.00	1547.12	HB45	0.0000	0.0138	0.0000	0.588	0.616	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.616
	Grade		1996+10.00	HB45	1545.93	60.00	-2.00%	0.00	1547.13	0.00	-2.00%	0.00	1547.13	HB45	0.0020	0.0069	0.0000	0.561	0.588	**Left**	HB45	12.00	0.00	4.50	1.07	5.57	18.000	**OK**	0.486	0.498	1.203	1.181		0.588
	Grade		1996+15.00	HB45	1545.93	60.00	-2.00%	0.00	1547.13	0.00	-2.00%	0.00	1547.13	HB45	0.0000	0.0207	0.0000	0.533	0.561	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.561
	Grade		1996+20.00	HB45	1545.94	60.00	-2.00%	0.00	1547.14	0.00	-2.00%	0.00	1547.14	HB45	0.0020	0.0138	0.0000	0.505	0.533	**Left**	HB45	12.00	0.00	4.50	0.76	5.26	18.000	**OK**	0.458	0.464	1.161	1.149		0.533
	Grade		1996+25.00	HB45	1545.95	60.00	-2.00%	0.00	1547.15	0.00	-2.00%	0.00	1547.15	HB45	0.0020	0.0069	0.0000	0.478	0.505	**Left**	HB45	12.00	0.00	4.50	0.59	5.09	18.000	**OK**	0.443	0.447	1.138	1.131		0.505
	Grade		1996+30.00	HB45	1545.95	60.00	-2.00%	0.00	1547.15	0.00	-2.00%	0.00	1547.15	HB45	0.0000	0.0207	0.0000	0.450	0.478	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.478
	Grade		1996+35.00	HB45	1545.96	60.00	-2.00%	0.00	1547.16	0.00	-2.00%	0.00	1547.16	HB45	0.0020	0.0138	0.0000	0.423	0.450	**Left**	HB45	12.00	0.00	4.50	0.25	4.75	18.000	**OK**	0.412	0.413	1.091	1.090		0.450
	Grade		1996+40.00	HB45	1545.97	60.00	-2.00%	0.00	1547.17	0.00	-2.00%	0.00	1547.17	HB45	0.0020	0.0069	0.0000	0.395	0.423	**Left**	HB45	12.00	0.00	4.50	0.07	4.57	18.000	**OK**	0.396	0.396	1.066	1.066		0.423
	Grade	3	1996+45.00	HB45	1545.97	60.00	-2.00%	0.00	1547.17	0.00	-2.00%	0.00	1547.17	HB45	0.0000	7.3010	0.0000	0.367	0.395	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!	3	0.395
	Grade		1996+50.00	HB45	1545.98	60.00	-2.00%	0.00	1547.18	0.00	-2.00%	0.00	1547.18	HB45	0.0020	7.2941	0.0000	0.340	0.367	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.362	0.362	1.014	1.014		0.367
	Grade		1996+55.00	HB45	1545.99	60.00	-2.00%	0.00	1547.19	0.00	-2.00%	0.00	1547.19	HB45	0.0020	7.2872	0.0000	0.312	0.340	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.345	0.345	0.986	0.986		0.340
	Grade		1996+60.00	HB45	1546.00	60.00	-2.00%	0.00	1547.20	0.00	-2.00%	0.00	1547.20	HB45	0.0020	7.2804	0.0000	0.284	0.312	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.326	0.326	0.957	0.957		0.312
	Grade		1996+65.00	HB45	1546.01	60.00	-2.00%	0.00	1547.21	0.00	-2.00%	0.00	1547.21	HB45	0.0020	7.2735	0.0000	0.257	0.284	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.307	0.307	0.927	0.927		0.284
	Grade		1996+70.00	HB45	1546.02	60.00	-2.00%	0.00	1547.22	0.00	-2.00%	0.00	1547.22	HB45	0.0020	7.2666	0.0000	0.229	0.257	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.287	0.287	0.896	0.896		0.257
	Grade		1996+75.00	HB45	1546.03	60.00	-2.00%	0.00	1547.23	0.00	-2.00%	0.00	1547.23	HB45	0.0020	7.2597	0.0000	0.202	0.229	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.265	0.265	0.864	0.864		0.229
	Grade		1996+80.00	HB45	1546.04	60.00	-2.00%	0.00	1547.24	0.00	-2.00%	0.00	1547.24	HB45	0.0020	7.2528	0.0000	0.174	0.202	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.243	0.243	0.830	0.830		0.202
	Grade		1996+85.00	HB45	1546.05	60.00	-2.00%	0.00	1547.25	0.00	-2.00%	0.00	1547.25	HB45	0.0020	7.2459	0.0000	0.146	0.174	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.219	0.219	0.795	0.795		0.174
	Grade		1996+90.00	HB45	1546.06	60.00	-2.00%	0.00	1547.26	0.00	-2.00%	0.00	1547.26	HB45	0.0020	7.2390	0.0000	0.119	0.146	**Left**	HB45	12.00	0.00	4.39	0.00	4.39	18.000	**OK**	0.192	0.192	0.761	0.761		0.146
	Grade		1996+95.00	HB45	1546.07	60.00	-2.00%	0.00	1547.27	0.00	-2.00%	0.00	1547.27	HB45	0.0020	7.2321	0.0000	0.091	0.119	**Left**	HB45	12.00	0.00	4.06	0.00	4.06	18.000	**OK**	0.165	0.165	0.722	0.722		0.119
	Grade	3	1997+00.00	HB45	1546.09	60.00	-2.00%	0.00	1547.29	0.00	-2.00%	0.00	1547.29	HB45	0.0040	7.2253	0.0000	1.526	1.553	**Left**	HB45	12.00	0.00	4.50	3.37	7.87	18.000	**OK**	0.693	0.807	2.121	1.926	3	1.553
	Grade		1997+05.00	HB45	1546.10	60.00	-2.00%	0.00	1547.30	0.00	-2.00%	0.00	1547.30	HB45	0.0020	7.2184	0.0000	1.498	1.526	**Left**	HB45	12.00	0.00	4.50	4.80	9.30	18.000	**OK**	0.822	1.052	1.672	1.450		1.526
	Grade		1997+10.00	HB45	1546.11	60.00	-2.00%	0.00	1547.31	0.00	-2.00%	0.00	1547.31	HB45	0.0020	7.2115	0.0000	1.471	1.498	**Left**	HB45	12.00	0.00	4.50	4.72	9.22	18.000	**OK**	0.814	1.037	1.662	1.445		1.498
	Grade		1997+15.00	HB45	1546.12	60.00	-2.00%	0.00	1547.32	0.00	-2.00%	0.00	1547.32	HB45	0.0020	7.2046	0.0000	1.443	1.471	**Left**	HB45	12.00	0.00	4.50	4.63	9.13	18.000	**OK**	0.807	1.021	1.652	1.440		1.471
	Grade		1997+20.00	HB45	1546.14	60.00	-2.00%	0.00	1547.34	0.00	-2.00%	0.00	1547.34	HB45	0.0040	7.1977	0.0000	1.415	1.443	**Left**	HB45	12.00	0.00	4.50	3.07	7.57	18.000	**OK**	0.666	0.761	2.068	1.897		1.443

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		1997+25.00	HB45	1546.15	60.00	-2.00%	0.00	1547.35	0.00	-2.00%	0.00	1547.35	HB45	0.0020	7.1908	0.0000	1.388	1.415	**Left**	HB45	12.00	0.00	4.50	4.46	8.96	18.000	**OK**	0.791	0.990	1.632	1.430		1.415
	Grade		1997+30.00	HB45	1546.17	60.00	-2.00%	0.00	1547.37	0.00	-2.00%	0.00	1547.37	HB45	0.0040	7.1839	0.0000	1.360	1.388	**Left**	HB45	12.00	0.00	4.50	2.91	7.41	18.000	**OK**	0.652	0.737	2.041	1.882		1.388
	Grade		1997+35.00	HB45	1546.18	60.00	-2.00%	0.00	1547.38	0.00	-2.00%	0.00	1547.38	HB45	0.0020	7.1770	0.0000	1.333	1.360	**Left**	HB45	12.00	0.00	4.50	4.28	8.78	18.000	**OK**	0.775	0.959	1.611	1.419		1.360
	Grade		1997+40.00	HB45	1546.19	60.00	-2.00%	0.00	1547.39	0.00	-2.00%	0.00	1547.39	HB45	0.0020	7.1702	0.0000	1.305	1.333	**Left**	HB45	12.00	0.00	4.50	4.19	8.69	18.000	**OK**	0.767	0.943	1.600	1.414		1.333
	Grade		1997+45.00	HB45	1546.21	60.00	-2.00%	0.00	1547.41	0.00	-2.00%	0.00	1547.41	HB45	0.0040	7.1633	0.0000	1.277	1.305	**Left**	HB45	12.00	0.00	4.50	2.67	7.17	18.000	**OK**	0.631	0.702	1.998	1.858		1.305
	Grade		1997+50.00	HB45	1546.23	60.00	-2.00%	0.00	1547.43	0.00	-2.00%	0.00	1547.43	HB45	0.0040	7.1564	0.0000	1.250	1.277	**Left**	HB45	12.00	0.00	4.50	2.59	7.09	18.000	**OK**	0.623	0.690	1.983	1.850		1.277
	Grade		1997+55.00	HB45	1546.24	60.00	-2.00%	0.00	1547.44	0.00	-2.00%	0.00	1547.44	HB45	0.0020	7.1495	0.0000	1.222	1.250	**Left**	HB45	12.00	0.00	4.50	3.91	8.41	18.000	**OK**	0.742	0.895	1.566	1.396		1.250
	Grade		1997+60.00	HB45	1546.26	60.00	-2.00%	0.00	1547.46	0.00	-2.00%	0.00	1547.46	HB45	0.0040	7.1426	0.0000	1.195	1.222	**Left**	HB45	12.00	0.00	4.50	2.42	6.92	18.000	**OK**	0.608	0.667	1.953	1.832		1.222
	Grade		1997+65.00	HB45	1546.27	60.00	-2.00%	0.00	1547.47	0.00	-2.00%	0.00	1547.47	HB45	0.0020	7.1357	0.0000	1.167	1.195	**Left**	HB45	12.00	0.00	4.50	3.72	8.22	18.000	**OK**	0.725	0.863	1.543	1.384		1.195
	Grade		1997+70.00	HB45	1546.29	60.00	-2.00%	0.00	1547.49	0.00	-2.00%	0.00	1547.49	HB45	0.0040	7.1288	0.0000	1.139	1.167	**Left**	HB45	12.00	0.00	4.50	2.25	6.75	18.000	**OK**	0.593	0.643	1.921	1.814		1.167
	Grade		1997+75.00	HB45	1546.31	60.00	-2.00%	0.00	1547.51	0.00	-2.00%	0.00	1547.51	HB45	0.0040	7.1220	0.0000	1.112	1.139	**Left**	HB45	12.00	0.00	4.50	2.16	6.66	18.000	**OK**	0.585	0.631	1.905	1.804		1.139
	Grade		1997+80.00	HB45	1546.33	60.00	-2.00%	0.00	1547.53	0.00	-2.00%	0.00	1547.53	HB45	0.0040	7.1151	0.0000	1.084	1.112	**Left**	HB45	12.00	0.00	4.50	2.07	6.57	18.000	**OK**	0.577	0.620	1.889	1.794		1.112
	Grade		1997+85.00	HB45	1546.35	60.00	-2.00%	0.00	1547.55	0.00	-2.00%	0.00	1547.55	HB45	0.0040	7.1082	0.0000	1.056	1.084	**Left**	HB45	12.00	0.00	4.50	1.98	6.48	18.000	**OK**	0.568	0.608	1.872	1.784		1.084
	Grade		1997+90.00	HB45	1546.36	60.00	-2.00%	0.00	1547.56	0.00	-2.00%	0.00	1547.56	HB45	0.0020	7.1013	0.0000	1.029	1.056	**Left**	HB45	12.00	0.00	4.50	3.21	7.71	18.000	**OK**	0.679	0.782	1.480	1.351		1.056
	Grade		1997+95.00	HB45	1546.38	60.00	-2.00%	0.00	1547.58	0.00	-2.00%	0.00	1547.58	HB45	0.0040	7.0944	0.0000	1.001	1.029	**Left**	HB45	12.00	0.00	4.50	1.79	6.29	18.000	**OK**	0.552	0.584	1.837	1.763		1.029
	Grade		1998+00.00	HB45	1546.40	60.00	-2.00%	0.00	1547.60	0.00	-2.00%	0.00	1547.60	HB45	0.0040	7.0875	0.0000	0.974	1.001	**Left**	HB45	12.00	0.00	4.50	1.70	6.20	18.000	**OK**	0.543	0.572	1.820	1.751		1.001
	Grade		1998+05.00	HB45	1546.42	60.00	-2.00%	0.00	1547.62	0.00	-2.00%	0.00	1547.62	HB45	0.0040	7.0806	0.0000	0.946	0.974	**Left**	HB45	12.00	0.00	4.50	1.60	6.10	18.000	**OK**	0.534	0.560	1.801	1.739		0.974
	Grade		1998+10.00	HB45	1546.44	60.00	-2.00%	0.00	1547.64	0.00	-2.00%	0.00	1547.64	HB45	0.0040	7.0737	0.0000	0.918	0.946	**Left**	HB45	12.00	0.00	4.50	1.50	6.00	18.000	**OK**	0.525	0.548	1.783	1.727		0.946
	Grade		1998+15.00	HB45	1546.46	60.00	-2.00%	0.00	1547.66	0.00	-2.00%	0.00	1547.66	HB45	0.0040	7.0669	0.0000	0.891	0.918	**Left**	HB45	12.00	0.00	4.50	1.40	5.90	18.000	**OK**	0.516	0.536	1.764	1.714		0.918
	Grade		1998+20.00	HB45	1546.48	60.00	-2.00%	0.00	1547.68	0.00	-2.00%	0.00	1547.68	HB45	0.0040	7.0600	0.0000	0.863	0.891	**Left**	HB45	12.00	0.00	4.50	1.30	5.80	18.000	**OK**	0.507	0.524	1.745	1.701		0.891
	Grade		1998+25.00	HB45	1546.50	60.00	-2.00%	0.00	1547.70	0.00	-2.00%	0.00	1547.70	HB45	0.0040	7.0531	0.0000	0.836	0.863	**Left**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.497	0.512	1.725	1.687		0.863
	Grade		1998+30.00	HB45	1546.53	60.00	-2.00%	0.00	1547.73	0.00	-2.00%	0.00	1547.73	HB45	0.0060	7.0462	0.0000	0.808	0.836	**Left**	HB45	12.00	0.00	4.50	0.45	4.95	18.000	**OK**	0.431	0.433	1.939	1.930		0.836
	Grade		1998+35.00	HB45	1546.55	60.00	-2.00%	0.00	1547.75	0.00	-2.00%	0.00	1547.75	HB45	0.0040	7.0393	0.0000	0.780	0.808	**Left**	HB45	12.00	0.00	4.50	0.98	5.48	18.000	**OK**	0.478	0.488	1.684	1.657		0.808
	Grade		1998+40.00	HB45	1546.57	60.00	-2.00%	0.00	1547.77	0.00	-2.00%	0.00	1547.77	HB45	0.0040	7.0324	0.0000	0.753	0.780	**Left**	HB45	12.00	0.00	4.50	0.87	5.37	18.000	**OK**	0.468	0.476	1.663	1.641		0.780
	Grade		1998+45.00	HB45	1546.59	60.00	-2.00%	0.00	1547.79	0.00	-2.00%	0.00	1547.79	HB45	0.0040	7.0255	0.0000	0.725	0.753	**Left**	HB45	12.00	0.00	4.50	0.75	5.25	18.000	**OK**	0.458	0.463	1.641	1.624		0.753
	Grade		1998+50.00	HB45	1546.62	60.00	-2.00%	0.00	1547.82	0.00	-2.00%	0.00	1547.82	HB45	0.0060	7.0186	0.0000	0.698	0.725	**Left**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.394	0.394	1.841	1.841		0.725
	Grade		1998+55.00	HB45	1546.64	60.00	-2.00%	0.00	1547.84	0.00	-2.00%	0.00	1547.84	HB45	0.0040	7.0118	0.0000	0.670	0.698	**Left**	HB45	12.00	0.00	4.50	0.52	5.02	18.000	**OK**	0.437	0.439	1.596	1.587		0.698
	Grade		1998+60.00	HB45	1546.66	60.00	-2.00%	0.00	1547.86	0.00	-2.00%	0.00	1547.86	HB45	0.0040	7.0049	0.0000	0.642	0.670	**Left**	HB45	12.00	0.00	4.50	0.40	4.90	18.000	**OK**	0.426	0.427	1.572	1.567		0.670
	Grade		1998+65.00	HB45	1546.69	60.00	-2.00%	0.00	1547.89	0.00	-2.00%	0.00	1547.89	HB45	0.0060	6.9980	0.0000	0.615	0.642	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.365	0.365	1.762	1.762		0.642
	Grade		1998+70.00	HB45	1546.71	60.00	-2.00%	0.00	1547.91	0.00	-2.00%	0.00	1547.91	HB45	0.0040	6.9911	0.0000	0.587	0.615	**Left**	HB45	12.00	0.00	4.50	0.15	4.65	18.000	**OK**	0.403	0.404	1.524	1.523		0.615
	Grade		1998+75.00	HB45	1546.74	60.00	-2.00%	0.00	1547.94	0.00	-2.00%	0.00	1547.94	HB45	0.0060	6.9842	0.0000	0.559	0.587	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.344	0.344	1.706	1.706		0.587
	Grade		1998+80.00	HB45	1546.76	60.00	-2.00%	0.00	1547.96	0.00	-2.00%	0.00	1547.96	HB45	0.0040	6.9773	0.0000	0.532	0.559	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.380	0.380	1.472	1.472		0.559
	Grade		1998+85.00	HB45	1546.79	60.00	-2.00%	0.00	1547.99	0.00	-2.00%	0.00	1547.99	HB45	0.0060	6.9704	0.0000	0.504	0.532	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.323	0.323	1.649	1.649		0.532
	Grade		1998+90.00	HB45	1546.81	60.00	-2.00%	0.00	1548.01	0.00	-2.00%	0.00	1548.01	HB45	0.0040	6.9635	0.0000	0.477	0.504	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.355	0.355	1.419	1.419		0.504
	Grade		1998+95.00	HB45	1546.84	60.00	-2.00%	0.00	1548.04	0.00	-2.00%	0.00	1548.04	HB45	0.0060	6.9567	0.0000	0.449	0.477	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.300	0.300	1.588	1.588		0.477
	Grade		1999+00.00	HB45	1546.86	60.00	-2.00%	0.00	1548.06	0.00	-2.00%	0.00	1548.06	HB45	0.0040	6.9498	0.0000	0.421	0.449	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.330	0.330	1.362	1.362		0.449
	Grade		1999+05.00	HB45	1546.89	60.00	-2.00%	0.00	1548.09	0.00	-2.00%	0.00	1548.09	HB45	0.0060	6.9429	0.0000	0.394	0.421	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.276	0.276	1.525	1.525		0.421
	Grade		1999+10.00	HB45	1546.91	60.00	-2.00%	0.00	1548.11	0.00	-2.00%	0.00	1548.11	HB45	0.0040	6.9360	0.0000	0.366	0.394	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.302	0.302	1.302	1.302		0.394
	Grade		1999+15.00	HB45	1546.94	60.00	-2.00%	0.00	1548.14	0.00	-2.00%	0.00	1548.14	HB45	0.0060	6.9291	0.0000	0.339	0.366	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.251	0.251	1.458	1.458		0.366
	Grade		1999+20.00	HB45	1546.96	60.00	-2.00%	0.00	1548.16	0.00	-2.00%	0.00	1548.16	HB45	0.0040	6.9222	0.0000	0.311	0.339	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.273	0.273	1.238	1.238		0.339
	Grade		1999+25.00	HB45	1546.99	60.00	-2.00%	0.00	1548.19	0.00	-2.00%	0.00	1548.19	HB45	0.0060	6.9153	0.0000	0.283	0.311	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.224	0.224	1.390	1.390		0.311
	Grade		1999+30.00	HB45	1547.01	60.00	-2.00%	0.00	1548.21	0.00	-2.00%	0.00	1548.21	HB45	0.0040	6.9085	0.0000	0.256	0.283	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.242	0.242	1.171	1.171		0.283
	Grade		1999+35.00	HB45	1547.04	60.00	-2.00%	0.00	1548.24	0.00	-2.00%	0.00	1548.24	HB45	0.0060	6.9016	0.0000	0.228	0.256	**Left**	HB45	12.00	0.00	4.40	0.00	4.40	18.000	**OK**	0.194	0.194	1.320	1.320		0.256
	Grade		1999+40.00	HB45	1547.06	60.00	-2.00%	0.00	1548.26	0.00	-2.00%	0.00	1548.26	HB45	0.0040	6.8947	0.0000	0.201	0.228	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.207	0.207	1.102	1.102		0.228
	Grade		1999+45.00	HB45	1547.09	60.00	-2.00%	0.00	1548.29	0.00	-2.00%	0.00	1548.29	HB45	0.0060	6.8878	0.0000	0.173	0.201	**Left**	HB45	12.00	0.00	4.02	0.00	4.02	18.000	**OK**	0.161	0.161	1.243	1.243		0.201
	Grade	3	1999+50.00	HB45	1547.11	60.00	-2.00%	0.00	1548.31	0.00	-2.00%	0.00	1548.31	HB45	0.0040	6.8809	0.0000	1.905	1.933	**Left**	HB45	12.00	0.00	4.50	4.30	8.80	18.000	**OK**	0.777	0.962	2.281	2.009	3	1.933
	Grade		1999+55.00	HB45	1547.14	60.00	-2.00%	0.00	1548.34	0.00	-2.00%	0.00	1548.34	HB45	0.0060	6.8740	0.0000	1.878	1.905	**Left**	HB45	12.00	0.00	4.50	3.37	7.87	18.000	**OK**	0.694	0.808	2.599	2.359		1.905
	Grade		1999+60.00	HB45	1547.16	60.00	-2.00%	0.00	1548.36	0.00	-2.00%	0.00	1548.36	HB45	0.0040	6.8671	0.0000	1.850	1.878	**Left**	HB45	12.00	0.00	4.50	4.17	8.67	18.000	**OK**	0.766	0.940	2.260	1.998		1.878
	Grade		1999+65.00	HB45	1547.19	60.00	-2.00%	0.00	1548.39	0.00	-2.00%	0.00	1548.39	HB45	0.0060	6.8602	0.0000	1.822	1.850	**Left**	HB45	12.00	0.00	4.50	3.25	7.75	18.000	**OK**	0.683	0.789	2.573	2.345		1.850
	Grade		1999+70.00	HB45	1547.21	60.00	-2.00%	0.00	1548.41	0.00	-2.00%	0.00	1548.41	HB45	0.004000	6.8534	0.0000	1.795	1.822	**Left**	HB45	12.00	0.00	4.50	4.04	8.54	18.000	**OK**	0.754	0.917	2.237	1.986		1.822
	Grade		1999+75.00	HB45	1547.24	60.00	-2.00%	0.00	1548.44	0.00	-2.00%	0.00	1548.44	HB45	0.006000	6.8465	0.0000	1.767	1.795	**Left**	HB45	12.00	0.00	4.50	3.13	7.63	18.000	**OK**	0.672	0.770	2.546	2.331		1.795
	Grade		1999+80.00	HB45	1547.26	60.00	-2.00%	0.00	1548.46	0.00	-2.00%	0.00	1548.46	HB45	0.0040	6.8396	0.0000	1.739	1.767	**Left**	HB45	12.00	0.00	4.50	3.91	8.41	18.000	**OK**	0.742	0.895	2.215	1.975		1.767
	Grade		1999+85.00	HB45	1547.29	60.00	-2.00%	0.00	1548.49	0.00	-2.00%	0.00	1548.49	HB45	0.0060	6.8327	0.0000	1.712	1.739	**Left**	HB45	12.00	0.00	4.50	3.01	7.51	18.000	**OK**	0.661	0.751	2.519	2.316		1.739
	Grade		1999+90.00	HB45	1547.31	60.00	-2.00%	0.00	1548.51	0.00	-2.00%	0.00	1548.51	HB45	0.0040	6.8258	0.0000	1.684	1.712	**Left**	HB45	12.00	0.00	4.50	3.77	8.27	18.000	**OK**	0.730	0.872	2.191	1.963		1.712
	Grade		1999+95.00	HB45	1547.34	60.00	-2.00%	0.00	1548.54	0.00	-2.00%	0.00	1548.54	HB45	0.0060	6.8189	0.0000	1.657	1.684	**Left**	HB45	12.00	0.00	4.50	2.88	7.38	18.000	**OK**	0.649	0.732	2.491	2.301		1.684
	Grade		2000+00.00	HB45	1547.36	60.00	-2.00%	0.00	1548.56	0.00	-2.00%	0.00	1548.5600	HB45	0.0040	6.8120	0.0000	1.629	1.657	**Left**	HB45	12.00	0.00	4.50	3.64	8.14	18.000	**OK**	0.717	0.850	2.167	1.950		1.657
	Grade		2000+05.00	HB45	1547.39	60.00	-2.00%	0.00	1548.59	0.00	-2.00%	0.00	1548.5900	HB45	0.0060	6.8051	0.0000	1.601	1.629	**Left**	HB45	12.00	0.00	4.50	2.75	7.25	18.000	**OK**	0.637	0.713	2.463	2.285		1.629
	Grade		2000+10.00	HB45	1547.41	60.00	-2.00%	0.00	1548.61	0.00	-2.00%	0.00	1548.61	HB45	0.0040	6.7983	0.0000	1.574	1.601	**Left**	HB45	12.00	0.00	4.50	3.49	7.99	18.000	**OK**	0.705	0.827	2.143	1.937		1.601
	Grade		2000+15.00	HB45	1547.44	60.00	-2.00%	0.00	1548.64	0.00	-2.00%	0.00	1548.64	HB45	0.0060	6.7914	0.0000	1.546	1.574	**Left**	HB45	12.00	0.00	4.50	2.61	7.11	18.000	**OK**	0.625	0.694	2.434	2.269		1.574
	Grade		2000+20.00	HB45	1547.46	60.00	-2.00%	0.00	1548.66	0.00	-2.00%	0.00	1548.66	HB45	0.0040	6.7845	0.0000	1.519	1.546	**Left**	HB45	12.00	0.00	4.50	3.35	7.85	18.000	**OK**	0.692	0.804	2.117	1.924		1.546
	Grade		2000+25.00	HB45	1547.49	60.00	-2.00%	0.00	1548.69	0.00	-2.00%	0.00	1548.69	HB45	0.0060	6.7776	0.0000	1.491	1.519	**Left**	HB45	12.00	0.00	4.50	2.48	6.98	18.000	**OK**	0.613	0.675	2.404	2.251		1.519
	Grade		2000+30.00	HB45	1547.51	60.00	-2.00%	0.00	1548.71	0.00	-2.00%	0.00	1548.71	HB45	0.0040	6.7707	0.0000	1.463	1.491	**Left**	HB45	12.00	0.00	4.50	3.20	7.70	18.000	**OK**	0.678	0.781	2.091	1.910		1.491
	Grade		2000+35.00	HB45	1547.54	60.00	-2.00%	0.00	1548.74	0.00	-2.00%	0.00	1548.74	HB45	0.0060	6.7638	0.0000	1.436	1.463	**Left**	HB45	12.00	0.00	4.50	2.34	6.84	18.000	**OK**	0.601	0.655	2.373	2.233		1.463
	Grade		2000+40.00	HB45	1547.56	60.00	-2.00%	0.00	1548.76	0.00	-2.00%	0.00	1548.76	HB45	0.0040	6.7569	0.0000	1.408	1.436	**Left**	HB45	12.00	0.00	4.50	3.05	7.55	18.000	**OK**	0.665	0.758	2.065	1.895		1.436
	Grade		2000+45.00	HB45	1547.59	60.00	-2.00%	0.00	1548.79	0.00	-2.00%	0.00	1548.79	HB45	0.0060	6.7500	0.0000	1.381	1.408	**Left**	HB45	12.00	0.00	4.50	2.20	6.70	18.000	**OK**	0.588	0.636	2.341	2.214		1.408
	Grade		2000+50.00	HB45	1547.61	60.00	-2.00%	0.00	1548.81	0.00	-2.00%	0.00	1548.81	HB45	0.0040	6.7432	0.0000	1.353	1.381	**Left**	HB45	12.00	0.00	4.50	2.89	7.39	18.000	**OK**	0.650	0.734	2.037	1.880		1.381
	Grade		2000+55.00	HB45	1547.64	60.00	-2.00%	0.00	1548.84	0.00	-2.00%	0.00	1548.84	HB45	0.0060	6.7363	0.0000	1.325	1.353	**Left**	HB45	12.00	0.00	4.50	2.05	6.55	18.000	**OK**	0.574	0.616	2.308	2.195		1.353
	Grade		2000+60.00	HB45	1547.66	60.00	-2.00%	0.00	1548.86	0.00	-2.00%	0.00	1548.86	HB45	0.0040	6.7294	0.0000	1.298	1.325	**Left**	HB45	12.00	0.00	4.50	2.73	7.23	18.000	**OK**	0.636	0.711	2.008	1.864		1.325
	Grade		2000+65.00	HB45	1547.69	60.00	-2.00%	0.00	1548.89	0.00	-2.00%	0.00	1548.89	HB45	0.0060	6.7225	0.0000	1.270	1.298	**Left**	HB45	12.00	0.00	4.50	1.90	6.40	18.000	**OK**	0.561	0.597	2.274	2.174		1.298
	Grade		2000+70.00	HB45	1547.71	60.00	-2.00%	0.00	1548.91	0.00	-2.00%	0.00	1548.91	HB45	0.0040	6.7156	0.0000	1.242	1.270	**Left**	HB45	12.00	0.00	4.50	2.57	7.07	18.000	**OK**	0.621	0.687	1.979	1.848		1.270
	Grade		2000+75.00	HB45	1547.74	60.00	-2.00%	0.00	1548.94	0.00	-2.00%	0.00	1548.94	HB45	0.0060	6.7087	0.0000	1.215	1.242	**Left**	HB45	12.00	0.00	4.50	1.74	6.24	18.000	**OK**	0.547	0.577	2.239	2.152		1.242

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2000+80.00	HB45	1547.76	60.00	-2.00%	0.00	1548.96	0.00	-2.00%	0.00	1548.96	HB45	0.0040	6.7018	0.0000	1.187	1.215	**Left**	HB45	12.00	0.00	4.50	2.40	6.90	18.000	**OK**	0.606	0.664	1.949	1.830		1.215
	Grade		2000+85.00	HB45	1547.79	60.00	-2.00%	0.00	1548.99	0.00	-2.00%	0.00	1548.99	HB45	0.0060	6.6950	0.0000	1.160	1.187	**Left**	HB45	12.00	0.00	4.50	1.59	6.09	18.000	**OK**	0.533	0.558	2.203	2.128		1.187
	Grade		2000+90.00	HB45	1547.81	60.00	-2.00%	0.00	1549.01	0.00	-2.00%	0.00	1549.01	HB45	0.0040	6.6881	0.0000	1.132	1.160	**Left**	HB45	12.00	0.00	4.50	2.23	6.73	18.000	**OK**	0.591	0.640	1.917	1.812		1.160
	Grade		2000+95.00	HB45	1547.84	60.00	-2.00%	0.00	1549.04	0.00	-2.00%	0.00	1549.04	HB45	0.0060	6.6812	0.0000	1.104	1.132	**Left**	HB45	12.00	0.00	4.50	1.42	5.92	18.000	**OK**	0.518	0.538	2.165	2.103		1.132
	Grade		2001+00.00	HB45	1547.86	60.00	-2.00%	0.00	1549.06	0.00	-2.00%	0.00	1549.06	HB45	0.0040	6.6743	0.0000	1.077	1.104	**Left**	HB45	12.00	0.00	4.50	2.05	6.55	18.000	**OK**	0.574	0.616	1.884	1.792		1.104
	Grade		2001+05.00	HB45	1547.89	60.00	-2.00%	0.00	1549.09	0.00	-2.00%	0.00	1549.09	HB45	0.0060	6.6674	0.0000	1.049	1.077	**Left**	HB45	12.00	0.00	4.50	1.25	5.75	18.000	**OK**	0.503	0.519	2.127	2.076		1.077
	Grade		2001+10.00	HB45	1547.91	60.00	-2.00%	0.00	1549.11	0.00	-2.00%	0.00	1549.11	HB45	0.0040	6.6605	0.0000	1.022	1.049	**Left**	HB45	12.00	0.00	4.50	1.86	6.36	18.000	**OK**	0.558	0.593	1.850	1.771		1.049
	Grade		2001+15.00	HB45	1547.94	60.00	-2.00%	0.00	1549.14	0.00	-2.00%	0.00	1549.14	HB45	0.0060	6.6536	0.0000	0.994	1.022	**Left**	HB45	12.00	0.00	4.50	1.08	5.58	18.000	**OK**	0.487	0.499	2.086	2.047		1.022
	Grade		2001+20.00	HB45	1547.96	60.00	-2.00%	0.00	1549.16	0.00	-2.00%	0.00	1549.16	HB45	0.0040	6.6467	0.0000	0.966	0.994	**Left**	HB45	12.00	0.00	4.50	1.67	6.17	18.000	**OK**	0.541	0.569	1.815	1.748		0.994
	Grade		2001+25.00	HB45	1547.99	60.00	-2.00%	0.00	1549.19	0.00	-2.00%	0.00	1549.19	HB45	0.0060	6.6399	0.0000	0.939	0.966	**Left**	HB45	12.00	0.00	4.50	0.90	5.40	18.000	**OK**	0.471	0.479	2.045	2.016		0.966
	Grade		2001+30.00	HB45	1548.01	60.00	-2.00%	0.00	1549.21	0.00	-2.00%	0.00	1549.21	HB45	0.0040	6.6330	0.0000	0.911	0.939	**Left**	HB45	12.00	0.00	4.50	1.48	5.98	18.000	**OK**	0.523	0.545	1.778	1.724		0.939
	Grade		2001+35.00	HB45	1548.04	60.00	-2.00%	0.00	1549.24	0.00	-2.00%	0.00	1549.24	HB45	0.0060	6.6261	0.0000	0.884	0.911	**Left**	HB45	12.00	0.00	4.50	0.72	5.22	18.000	**OK**	0.455	0.460	2.001	1.982		0.911
	Grade		2001+40.00	HB45	1548.06	60.00	-2.00%	0.00	1549.26	0.00	-2.00%	0.00	1549.26	HB45	0.0040	6.6192	0.0000	0.856	0.884	**Left**	HB45	12.00	0.00	4.50	1.27	5.77	18.000	**OK**	0.504	0.521	1.739	1.697		0.884
	Grade		2001+45.00	HB45	1548.09	60.00	-2.00%	0.00	1549.29	0.00	-2.00%	0.00	1549.29	HB45	0.0060	6.6123	0.0000	0.828	0.856	**Left**	HB45	12.00	0.00	4.50	0.53	5.03	18.000	**OK**	0.437	0.440	1.956	1.945		0.856
	Grade		2001+50.00	HB45	1548.11	60.00	-2.00%	0.00	1549.31	0.00	-2.00%	0.00	1549.31	HB45	0.0040	6.6054	0.0000	0.801	0.828	**Left**	HB45	12.00	0.00	4.50	1.06	5.56	18.000	**OK**	0.485	0.496	1.699	1.669		0.828
	Grade		2001+55.00	HB45	1548.14	60.00	-2.00%	0.00	1549.34	0.00	-2.00%	0.00	1549.34	HB45	0.0060	6.5985	0.0000	0.773	0.801	**Left**	HB45	12.00	0.00	4.50	0.33	4.83	18.000	**OK**	0.419	0.421	1.909	1.904		0.801
	Grade		2001+60.00	HB45	1548.16	60.00	-2.00%	0.00	1549.36	0.00	-2.00%	0.00	1549.36	HB45	0.0040	6.5916	0.0000	0.745	0.773	**Left**	HB45	12.00	0.00	4.50	0.84	5.34	18.000	**OK**	0.465	0.472	1.657	1.637		0.773
	Grade		2001+65.00	HB45	1548.19	60.00	-2.00%	0.00	1549.39	0.00	-2.00%	0.00	1549.39	HB45	0.0060	6.5848	0.0000	0.718	0.745	**Left**	HB45	12.00	0.00	4.50	0.12	4.62	18.000	**OK**	0.401	0.401	1.859	1.859		0.745
	Grade		2001+70.00	HB45	1548.21	60.00	-2.00%	0.00	1549.41	0.00	-2.00%	0.00	1549.41	HB45	0.0040	6.5779	0.0000	0.690	0.718	**Left**	HB45	12.00	0.00	4.50	0.61	5.11	18.000	**OK**	0.445	0.448	1.613	1.601		0.718
	Grade		2001+75.00	HB45	1548.24	60.00	-2.00%	0.00	1549.44	0.00	-2.00%	0.00	1549.44	HB45	0.0060	6.5710	0.0000	0.663	0.690	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	1.808	1.808		0.690
	Grade		2001+80.00	HB45	1548.26	60.00	-2.00%	0.00	1549.46	0.00	-2.00%	0.00	1549.46	HB45	0.0040	6.5641	0.0000	0.635	0.663	**Left**	HB45	12.00	0.00	4.50	0.37	4.87	18.000	**OK**	0.423	0.424	1.566	1.562		0.663
	Grade		2001+85.00	HB45	1548.29	60.00	-2.00%	0.00	1549.49	0.00	-2.00%	0.00	1549.49	HB45	0.0060	6.5572	0.0000	0.607	0.635	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.362	0.362	1.755	1.755		0.635
	Grade		2001+90.00	HB45	1548.31	60.00	-2.00%	0.00	1549.51	0.00	-2.00%	0.00	1549.51	HB45	0.0040	6.5503	0.0000	0.580	0.607	**Left**	HB45	12.00	0.00	4.50	0.12	4.62	18.000	**OK**	0.400	0.401	1.517	1.517		0.607
	Grade		2001+95.00	HB45	1548.34	60.00	-2.00%	0.00	1549.54	0.00	-2.00%	0.00	1549.54	HB45	0.0060	6.5434	0.0000	0.552	0.580	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	1.699	1.699		0.580
	Grade		2002+00.00	HB45	1548.36	60.00	-2.00%	0.00	1549.56	0.00	-2.00%	0.00	1549.56	HB45	0.0040	6.5366	0.0000	0.525	0.552	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.377	0.377	1.465	1.465		0.552
	Grade		2002+05.00	HB45	1548.39	60.00	-2.00%	0.00	1549.59	0.00	-2.00%	0.00	1549.59	HB45	0.0060	6.5297	0.0000	0.497	0.525	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.320	0.320	1.641	1.641		0.525
	Grade		2002+10.00	HB45	1548.41	60.00	-2.00%	0.00	1549.61	0.00	-2.00%	0.00	1549.61	HB45	0.0040	6.5228	0.0000	0.469	0.497	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.352	0.352	1.411	1.411		0.497
	Grade		2002+15.00	HB45	1548.44	60.00	-2.00%	0.00	1549.64	0.00	-2.00%	0.00	1549.64	HB45	0.0060	6.5159	0.0000	0.442	0.469	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.297	0.297	1.580	1.580		0.469
	Grade		2002+20.00	HB45	1548.46	60.00	-2.00%	0.00	1549.66	0.00	-2.00%	0.00	1549.66	HB45	0.0040	6.5090	0.0000	0.414	0.442	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.326	0.326	1.354	1.354		0.442
	Grade		2002+25.00	HB45	1548.49	60.00	-2.00%	0.00	1549.69	0.00	-2.00%	0.00	1549.69	HB45	0.0060	6.5021	0.0000	0.387	0.414	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.273	0.273	1.516	1.516		0.414
	Grade		2002+30.00	HB45	1548.51	60.00	-2.00%	0.00	1549.71	0.00	-2.00%	0.00	1549.71	HB45	0.0040	6.4952	0.0000	0.359	0.387	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.299	0.299	1.294	1.294		0.387
	Grade		2002+35.00	HB45	1548.54	60.00	-2.00%	0.00	1549.74	0.00	-2.00%	0.00	1549.74	HB45	0.0060	6.4883	0.0000	0.331	0.359	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.248	0.248	1.449	1.449		0.359
	Grade		2002+40.00	HB45	1548.56	60.00	-2.00%	0.00	1549.76	0.00	-2.00%	0.00	1549.76	HB45	0.0040	6.4815	0.0000	0.304	0.331	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.269	0.269	1.230	1.230		0.331
	Grade		2002+45.00	HB45	1548.59	60.00	-2.00%	0.00	1549.79	0.00	-2.00%	0.00	1549.79	HB45	0.0060	6.4746	0.0000	0.276	0.304	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.220	0.220	1.381	1.381		0.304
	Grade		2002+50.00	HB45	1548.61	60.00	-2.00%	0.00	1549.81	0.00	-2.00%	0.00	1549.81	HB45	0.0040	6.4677	0.0000	0.249	0.276	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.238	0.238	1.162	1.162		0.276
	Grade		2002+55.00	HB45	1548.64	60.00	-2.00%	0.00	1549.84	0.00	-2.00%	0.00	1549.84	HB45	0.0060	6.4608	0.0000	0.221	0.249	**Left**	HB45	12.00	0.00	4.35	0.00	4.35	18.000	**OK**	0.190	0.190	1.311	1.311		0.249
	Grade		2002+60.00	HB45	1548.66	60.00	-2.00%	0.00	1549.86	0.00	-2.00%	0.00	1549.86	HB45	0.0040	6.4539	0.0000	0.193	0.221	**Left**	HB45	12.00	0.00	4.49	0.00	4.49	18.000	**OK**	0.202	0.202	1.093	1.093		0.221
	Grade		2002+65.00	HB45	1548.69	60.00	-2.00%	0.00	1549.89	0.00	-2.00%	0.00	1549.89	HB45	0.0060	6.4470	0.0000	0.166	0.193	**Left**	HB45	12.00	0.00	3.96	0.00	3.96	18.000	**OK**	0.157	0.157	1.231	1.231		0.193
	Grade		2002+70.00	HB45	1548.71	60.00	-2.00%	0.00	1549.91	0.00	-2.00%	0.00	1549.91	HB45	0.0040	6.4401	0.0000	0.138	0.166	**Left**	HB45	12.00	0.00	4.04	0.00	4.04	18.000	**OK**	0.163	0.163	1.018	1.018		0.166
	Grade		2002+75.00	HB45	1548.74	60.00	-2.00%	0.00	1549.94	0.00	-2.00%	0.00	1549.94	HB45	0.0060	6.4332	0.0000	0.110	0.138	**Left**	HB45	12.00	0.00	3.49	0.00	3.49	18.000	**OK**	0.122	0.122	1.132	1.132		0.138
	Grade		2002+80.00	HB45	1548.76	60.00	-2.00%	0.00	1549.96	0.00	-2.00%	0.00	1549.96	HB45	0.0040	6.4264	0.0000	0.083	0.110	**Left**	HB45	12.00	0.00	3.47	0.00	3.47	18.000	**OK**	0.120	0.120	0.919	0.919		0.110
	Grade		2002+85.00	HB45	1548.79	60.00	-2.00%	0.00	1549.99	0.00	-2.00%	0.00	1549.99	HB45	0.0060	6.4195	0.0000	0.055	0.083	**Left**	HB45	12.00	0.00	2.88	0.00	2.88	18.000	**OK**	0.083	0.083	0.996	0.996		0.083
	Grade		2002+90.00	HB45	1548.81	60.00	-2.00%	0.00	1550.01	0.00	-2.00%	0.00	1550.01	HB45	0.0040	6.4126	0.0000	0.028	0.055	**Left**	HB45	12.00	0.00	2.67	0.00	2.67	18.000	**OK**	0.071	0.071	0.773	0.773		0.055
	Grade		2002+95.00	HB45	1548.84	60.00	-2.00%	0.00	1550.04	0.00	-2.00%	0.00	1550.04	HB45	0.0060	6.4057	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	1.91	0.00	1.91	18.000	**OK**	0.036	0.036	0.757	0.757		0.028
	Grade	3	2003+00.00	HB45	1548.86	60.00	-2.00%	0.00	1550.06	0.00	-2.00%	0.00	1550.06	HB45	0.0040	6.3988	0.0000	0.585	0.613	**Left**	HB45	12.00	0.00	4.50	0.14	4.64	18.000	**OK**	0.403	0.403	1.522	1.521	3	0.613
	Grade		2003+05.00	HB45	1548.89	60.00	-2.00%	0.00	1550.09	0.00	-2.00%	0.00	1550.09	HB45	0.0060	6.3919	0.0000	0.558	0.585	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	1.705	1.705		0.585
	Grade		2003+10.00	HB45	1548.91	60.00	-2.00%	0.00	1550.11	0.00	-2.00%	0.00	1550.11	HB45	0.0040	6.3850	0.0000	0.530	0.558	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.379	0.379	1.471	1.471		0.558
	Grade		2003+15.00	HB45	1548.94	60.00	-2.00%	0.00	1550.14	0.00	-2.00%	0.00	1550.14	HB45	0.0060	6.3781	0.0000	0.503	0.530	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.322	0.322	1.647	1.647		0.530
	Grade		2003+20.00	HB45	1548.96	60.00	-2.00%	0.00	1550.16	0.00	-2.00%	0.00	1550.16	HB45	0.0040	6.3713	0.0000	0.475	0.503	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.355	0.355	1.417	1.417		0.503
	Grade		2003+25.00	HB45	1548.99	60.00	-2.00%	0.00	1550.19	0.00	-2.00%	0.00	1550.19	HB45	0.0060	6.3644	0.0000	0.447	0.475	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.299	0.299	1.586	1.586		0.475
	Grade		2003+30.00	HB45	1549.01	60.00	-2.00%	0.00	1550.21	0.00	-2.00%	0.00	1550.21	HB45	0.0040	6.3575	0.0000	0.420	0.447	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.329	0.329	1.360	1.360		0.447
	Grade		2003+35.00	HB45	1549.04	60.00	-2.00%	0.00	1550.24	0.00	-2.00%	0.00	1550.24	HB45	0.0060	6.3506	0.0000	0.392	0.420	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.276	0.276	1.523	1.523		0.420
	Grade		2003+40.00	HB45	1549.06	60.00	-2.00%	0.00	1550.26	0.00	-2.00%	0.00	1550.26	HB45	0.0040	6.3437	0.0000	0.365	0.392	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.302	0.302	1.300	1.300		0.392
	Grade		2003+45.00	HB45	1549.09	60.00	-2.00%	0.00	1550.29	0.00	-2.00%	0.00	1550.29	HB45	0.0060	6.3368	0.0000	0.337	0.365	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.250	0.250	1.457	1.457		0.365
	Grade		2003+50.00	HB45	1549.11	60.00	-2.00%	0.00	1550.31	0.00	-2.00%	0.00	1550.31	HB45	0.0040	6.3299	0.0000	0.310	0.337	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.273	0.273	1.237	1.237		0.337
	Grade		2003+55.00	HB45	1549.14	60.00	-2.00%	0.00	1550.34	0.00	-2.00%	0.00	1550.34	HB45	0.0060	6.3231	0.0000	0.282	0.310	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.223	0.223	1.388	1.388		0.310
	Grade		2003+60.00	HB45	1549.16	60.00	-2.00%	0.00	1550.36	0.00	-2.00%	0.00	1550.36	HB45	0.0040	6.3162	0.0000	0.254	0.282	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.241	0.241	1.170	1.170		0.282
	Grade		2003+65.00	HB45	1549.19	60.00	-2.00%	0.00	1550.39	0.00	-2.00%	0.00	1550.39	HB45	0.0060	6.3093	0.0000	0.227	0.254	**Left**	HB45	12.00	0.00	4.39	0.00	4.39	18.000	**OK**	0.193	0.193	1.319	1.319		0.254
	Grade		2003+70.00	HB45	1549.21	60.00	-2.00%	0.00	1550.41	0.00	-2.00%	0.00	1550.41	HB45	0.0040	6.3024	0.0000	0.199	0.227	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.206	0.206	1.101	1.101		0.227
	Grade		2003+75.00	HB45	1549.24	60.00	-2.00%	0.00	1550.44	0.00	-2.00%	0.00	1550.44	HB45	0.0060	6.2955	0.0000	0.172	0.199	**Left**	HB45	12.00	0.00	4.01	0.00	4.01	18.000	**OK**	0.161	0.161	1.241	1.241		0.199
	Grade		2003+80.00	HB45	1549.26	60.00	-2.00%	0.00	1550.46	0.00	-2.00%	0.00	1550.46	HB45	0.0040	6.2886	0.0000	0.144	0.172	**Left**	HB45	12.00	0.00	4.09	0.00	4.09	18.000	**OK**	0.167	0.167	1.027	1.027		0.172
	Grade		2003+85.00	HB45	1549.29	60.00	-2.00%	0.00	1550.49	0.00	-2.00%	0.00	1550.49	HB45	0.0060	6.2817	0.0000	0.116	0.144	**Left**	HB45	12.00	0.00	3.55	0.00	3.55	18.000	**OK**	0.126	0.126	1.144	1.144		0.144
	Grade		2003+90.00	HB45	1549.31	60.00	-2.00%	0.00	1550.51	0.00	-2.00%	0.00	1550.51	HB45	0.0040	6.2748	0.0000	0.089	0.116	**Left**	HB45	12.00	0.00	3.54	0.00	3.54	18.000	**OK**	0.125	0.125	0.932	0.932		0.116
	Grade	3	2003+95.00	HB45	1549.34	60.00	-2.00%	0.00	1550.54	0.00	-2.00%	0.00	1550.54	HB45	0.0060	6.2680	0.0000	1.763	1.791	**Left**	HB45	12.00	0.00	4.50	3.12	7.62	18.000	**OK**	0.671	0.769	2.545	2.330	3	1.791
	Grade		2004+00.00	HB45	1549.36	60.00	-2.00%	0.00	1550.56	0.00	-2.00%	0.00	1550.56	HB45	0.0040	6.2611	0.0000	1.736	1.764	**Left**	HB45	12.00	0.00	4.50	3.90	8.40	18.000	**OK**	0.741	0.893	2.213	1.974		1.764
	Grade		2004+05.00	HB45	1549.39	60.00	-2.00%	0.00	1550.59	0.00	-2.00%	0.00	1550.59	HB45	0.0060	6.2542	0.0000	1.709	1.736	**Left**	HB45	12.00	0.00	4.50	3.00	7.50	18.000	**OK**	0.660	0.750	2.518	2.315		1.736
	Grade		2004+10.00	HB45	1549.41	60.00	-2.00%	0.00	1550.61	0.00	-2.00%	0.00	1550.61	HB45	0.0040	6.2473	0.0000	1.681	1.709	**Left**	HB45	12.00	0.00	4.50	3.77	8.27	18.000	**OK**	0.729	0.871	2.190	1.962		1.709
	Grade		2004+15.00	HB45	1549.44	60.00	-2.00%	0.00	1550.64	0.00	-2.00%	0.00	1550.64	HB45	0.0060	6.2404	0.0000	1.654	1.681	**Left**	HB45	12.00	0.00	4.50	2.87	7.37	18.000	**OK**	0.648	0.731	2.490	2.300		1.681
	Grade		2004+20.00	HB45	1549.46	60.00	-2.00%	0.00	1550.66	0.00	-2.00%	0.00	1550.66	HB45	0.0040	6.2335	0.0000	1.626	1.654	**Left**	HB45	12.00	0.00	4.50	3.63	8.13	18.000	**OK**	0.717	0.848	2.166	1.950		1.654
	Grade		2004+25.00	HB45	1549.49	60.00	-2.00%	0.00	1550.69	0.00	-2.00%	0.00	1550.69	HB45	0.0060	6.2266	0.0000	1.599	1.626	**Left**	HB45	12.00	0.00	4.50	2.74	7.24	18.000	**OK**	0.637	0.712	2.462	2.284		1.626
	Grade		2004+30.00	HB45	1549.51	60.00	-2.00%	0.00	1550.71	0.00	-2.00%	0.00	1550.71	HB45	0.0040	6.2197	0.0000	1.571	1.599	**Left**	HB45	12.00	0.00	4.50	3.49	7.99	18.000	**OK**	0.704	0.826	2.142	1.937		1.599

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2004+35.00	HB45	1549.54	60.00	-2.00%	0.00	1550.74	0.00	-2.00%	0.00	1550.74	HB45	0.0060	6.2129	0.0000	1.544	1.571	**Left**	HB45	12.00	0.00	4.50	2.61	7.11	18.000	**OK**	0.625	0.693	2.433	2.268		1.571
	Grade		2004+40.00	HB45	1549.56	60.00	-2.00%	0.00	1550.76	0.00	-2.00%	0.00	1550.76	HB45	0.0040	6.2060	0.0000	1.516	1.544	**Left**	HB45	12.00	0.00	4.50	3.34	7.84	18.000	**OK**	0.691	0.803	2.117	1.923		1.544
	Grade		2004+45.00	HB45	1549.59	60.00	-2.00%	0.00	1550.79	0.00	-2.00%	0.00	1550.79	HB45	0.0060	6.1991	0.0000	1.489	1.516	**Left**	HB45	12.00	0.00	4.50	2.47	6.97	18.000	**OK**	0.613	0.674	2.403	2.251		1.516
	Grade		2004+50.00	HB45	1549.61	60.00	-2.00%	0.00	1550.81	0.00	-2.00%	0.00	1550.81	HB45	0.0040	6.1922	0.0000	1.461	1.489	**Left**	HB45	12.00	0.00	4.50	3.20	7.70	18.000	**OK**	0.678	0.780	2.091	1.910		1.489
	Grade		2004+55.00	HB45	1549.64	60.00	-2.00%	0.00	1550.84	0.00	-2.00%	0.00	1550.84	HB45	0.0060	6.1853	0.0000	1.434	1.461	**Left**	HB45	12.00	0.00	4.50	2.33	6.83	18.000	**OK**	0.600	0.655	2.372	2.233		1.461
	Grade		2004+60.00	HB45	1549.66	60.00	-2.00%	0.00	1550.86	0.00	-2.00%	0.00	1550.86	HB45	0.0040	6.1784	0.0000	1.406	1.434	**Left**	HB45	12.00	0.00	4.50	3.04	7.54	18.000	**OK**	0.664	0.757	2.064	1.895		1.434
	Grade		2004+65.00	HB45	1549.69	60.00	-2.00%	0.00	1550.89	0.00	-2.00%	0.00	1550.89	HB45	0.0060	6.1715	0.0000	1.379	1.407	**Left**	HB45	12.00	0.00	4.50	2.19	6.69	18.000	**OK**	0.587	0.635	2.340	2.214		1.407
	Grade		2004+70.00	HB45	1549.71	60.00	-2.00%	0.00	1550.91	0.00	-2.00%	0.00	1550.91	HB45	0.0040	6.1647	0.0000	1.351	1.379	**Left**	HB45	12.00	0.00	4.50	2.89	7.39	18.000	**OK**	0.650	0.734	2.036	1.880		1.379
	Grade		2004+75.00	HB45	1549.74	60.00	-2.00%	0.00	1550.94	0.00	-2.00%	0.00	1550.94	HB45	0.0060	6.1578	0.0000	1.324	1.352	**Left**	HB45	12.00	0.00	4.50	2.05	6.55	18.000	**OK**	0.574	0.616	2.307	2.194		1.352
	Grade		2004+80.00	HB45	1549.76	60.00	-2.00%	0.00	1550.96	0.00	-2.00%	0.00	1550.96	HB45	0.0040	6.1509	0.0000	1.297	1.324	**Left**	HB45	12.00	0.00	4.50	2.73	7.23	18.000	**OK**	0.636	0.710	2.008	1.864		1.324
	Grade		2004+85.00	HB45	1549.79	60.00	-2.00%	0.00	1550.99	0.00	-2.00%	0.00	1550.99	HB45	0.0060	6.1440	0.0000	1.269	1.297	**Left**	HB45	12.00	0.00	4.50	1.90	6.40	18.000	**OK**	0.561	0.597	2.274	2.174		1.297
	Grade		2004+90.00	HB45	1549.81	60.00	-2.00%	0.00	1551.01	0.00	-2.00%	0.00	1551.01	HB45	0.0040	6.1371	0.0000	1.242	1.269	**Left**	HB45	12.00	0.00	4.50	2.57	7.07	18.000	**OK**	0.621	0.687	1.979	1.848		1.269
	Grade		2004+95.00	HB45	1549.84	60.00	-2.00%	0.00	1551.04	0.00	-2.00%	0.00	1551.04	HB45	0.0060	6.1302	0.0000	1.214	1.242	**Left**	HB45	12.00	0.00	4.50	1.74	6.24	18.000	**OK**	0.547	0.577	2.239	2.151		1.242
	Grade		2005+00.00	HB45	1549.86	60.00	-2.00%	0.00	1551.06	0.00	-2.00%	0.00	1551.06	HB45	0.0040	6.1233	0.0000	1.187	1.214	**Left**	HB45	12.00	0.00	4.50	2.40	6.90	18.000	**OK**	0.606	0.663	1.948	1.830		1.214
	Grade		2005+05.00	HB45	1549.88	60.35	-2.00%	0.00	1551.09	0.00	-2.00%	0.00	1551.09	HB45	0.0060	6.1164	0.0000	1.159	1.187	**Left**	HB45	12.00	0.00	4.50	1.58	6.08	18.000	**OK**	0.533	0.558	2.203	2.128		1.187
	Grade		2005+10.00	HB45	1549.90	60.70	-2.00%	0.00	1551.11	0.00	-2.00%	0.00	1551.11	HB45	0.0040	6.1095	0.0000	1.131	1.159	**Left**	HB45	12.00	0.00	4.50	2.23	6.73	18.000	**OK**	0.590	0.640	1.917	1.812		1.159
	Grade		2005+15.00	HB45	1549.92	61.05	-2.00%	0.00	1551.14	0.00	-2.00%	0.00	1551.14	HB45	0.0060	6.1026	0.0000	1.104	1.132	**Left**	HB45	12.00	0.00	4.50	1.42	5.92	18.000	**OK**	0.518	0.538	2.165	2.103		1.132
	Grade		2005+20.00	HB45	1549.93	61.40	-2.00%	0.00	1551.16	0.00	-2.00%	0.00	1551.16	HB45	0.0040	6.0956	0.0000	1.076	1.104	**Left**	HB45	12.00	0.00	4.50	2.05	6.55	18.000	**OK**	0.574	0.616	1.884	1.792		1.104
	Grade		2005+25.00	HB45	1549.96	61.75	-2.00%	0.00	1551.19	0.00	-2.00%	0.00	1551.19	HB45	0.0060	6.0886	0.0000	1.047	1.076	**Left**	HB45	12.00	0.00	4.50	1.25	5.75	18.000	**OK**	0.503	0.518	2.126	2.076		1.076
	Grade		2005+30.00	HB45	1549.97	62.10	-2.00%	0.00	1551.21	0.00	-2.00%	0.00	1551.21	HB45	0.0040	6.0815	0.0000	1.019	1.047	**Left**	HB45	12.00	0.00	4.50	1.86	6.36	18.000	**OK**	0.557	0.592	1.849	1.770		1.047
	Grade		2005+35.00	HB45	1549.99	62.45	-2.00%	0.00	1551.24	0.00	-2.00%	0.00	1551.24	HB45	0.0060	6.0744	0.0000	0.990	1.019	**Left**	HB45	12.00	0.00	4.50	1.07	5.57	18.000	**OK**	0.487	0.498	2.085	2.046		1.019
	Grade		2005+40.00	HB45	1550.00	62.80	-2.00%	0.00	1551.26	0.00	-2.00%	0.00	1551.26	HB45	0.0040	6.0672	0.0000	0.962	0.991	**Left**	HB45	12.00	0.00	4.50	1.66	6.16	18.000	**OK**	0.539	0.567	1.813	1.747		0.991
	Grade		2005+45.00	HB45	1550.03	63.15	-2.00%	0.00	1551.29	0.00	-2.00%	0.00	1551.29	HB45	0.0060	6.0601	0.0000	0.933	0.962	**Left**	HB45	12.00	0.00	4.50	0.89	5.39	18.000	**OK**	0.470	0.478	2.041	2.014		0.962
	Grade		2005+50.00	HB45	1550.04	63.50	-2.00%	0.00	1551.31	0.00	-2.00%	0.00	1551.31	HB45	0.0040	6.0528	0.0000	0.904	0.933	**Left**	HB45	12.00	0.00	4.50	1.45	5.95	18.000	**OK**	0.521	0.542	1.774	1.722		0.933
	Grade		2005+55.00	HB45	1550.06	63.85	-2.00%	0.00	1551.34	0.00	-2.00%	0.00	1551.34	HB45	0.0060	6.0456	0.0000	0.875	0.904	**Left**	HB45	12.00	0.00	4.50	0.69	5.19	18.000	**OK**	0.452	0.457	1.996	1.978		0.904
	Grade		2005+60.00	HB45	1550.08	64.20	-2.00%	0.00	1551.36	0.00	-2.00%	0.00	1551.36	HB45	0.0040	6.0383	0.0000	0.845	0.875	**Left**	HB45	12.00	0.00	4.50	1.24	5.74	18.000	**OK**	0.501	0.517	1.733	1.693		0.875
	Grade		2005+65.00	HB45	1550.10	64.55	-2.00%	0.00	1551.39	0.00	-2.00%	0.00	1551.39	HB45	0.0060	6.0309	0.0000	0.816	0.845	**Left**	HB45	12.00	0.00	4.50	0.49	4.99	18.000	**OK**	0.434	0.436	1.947	1.938		0.845
	Grade		2005+70.00	HB45	1550.11	64.90	-2.00%	0.00	1551.41	0.00	-2.00%	0.00	1551.41	HB45	0.0040	6.0235	0.0000	0.786	0.816	**Left**	HB45	12.00	0.00	4.50	1.01	5.51	18.000	**OK**	0.481	0.491	1.690	1.662		0.816
	Grade		2005+75.00	HB45	1550.14	65.25	-2.00%	0.00	1551.44	0.00	-2.00%	0.00	1551.44	HB45	0.0060	6.0161	0.0000	0.756	0.786	**Left**	HB45	12.00	0.00	4.50	0.27	4.77	18.000	**OK**	0.415	0.415	1.896	1.893		0.786
	Grade		2005+80.00	HB45	1550.15	65.60	-2.00%	0.00	1551.46	0.00	-2.00%	0.00	1551.46	HB45	0.0040	6.0086	0.0000	0.726	0.756	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.459	0.465	1.644	1.626		0.756
	Grade		2005+85.00	HB45	1550.17	65.95	-2.00%	0.00	1551.49	0.00	-2.00%	0.00	1551.49	HB45	0.0060	6.0011	0.0000	0.696	0.726	**Left**	HB45	12.00	0.00	4.50	0.05	4.55	18.000	**OK**	0.394	0.394	1.842	1.842		0.726
	Grade		2005+90.00	HB45	1550.18	66.30	-2.00%	0.00	1551.51	0.00	-2.00%	0.00	1551.51	HB45	0.0040	5.9936	0.0000	0.665	0.696	**Left**	HB45	12.00	0.00	4.50	0.51	5.01	18.000	**OK**	0.436	0.439	1.594	1.586		0.696
	Grade		2005+95.00	HB45	1550.21	66.65	-2.00%	0.00	1551.54	0.00	-2.00%	0.00	1551.54	HB45	0.0060	5.9860	0.0000	0.635	0.666	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	1.784	1.784		0.666
	Grade		2006+00.00	HB45	1550.22	67.00	-2.00%	0.00	1551.56	0.00	-2.00%	0.00	1551.56	HB45	0.0040	5.9783	0.0000	0.604	0.635	**Left**	HB45	12.00	0.00	4.50	0.24	4.74	18.000	**OK**	0.412	0.412	1.542	1.540		0.635
	Grade		2006+05.00	HB45	1550.25	66.95	-2.00%	0.00	1551.59	0.00	-2.00%	0.00	1551.59	HB45	0.0060	5.9707	0.0000	0.573	0.604	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.350	0.350	1.724	1.724		0.604
	Grade		2006+10.00	HB45	1550.27	66.90	-2.00%	0.00	1551.61	0.00	-2.00%	0.00	1551.61	HB45	0.0040	5.9630	0.0000	0.543	0.573	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	1.486	1.486		0.573
	Grade		2006+15.00	HB45	1550.30	66.85	-2.00%	0.00	1551.64	0.00	-2.00%	0.00	1551.64	HB45	0.0060	5.9553	0.0000	0.512	0.543	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.327	0.327	1.660	1.660		0.543
	Grade		2006+20.00	HB45	1550.32	66.80	-2.00%	0.00	1551.66	0.00	-2.00%	0.00	1551.66	HB45	0.0040	5.9476	0.0000	0.481	0.512	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.359	0.359	1.426	1.426		0.512
	Grade		2006+25.00	HB45	1550.36	66.75	-2.00%	0.00	1551.69	0.00	-2.00%	0.00	1551.69	HB45	0.0060	5.9399	0.0000	0.451	0.481	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.302	0.302	1.593	1.593		0.481
	Grade		2006+30.00	HB45	1550.38	66.70	-2.00%	0.00	1551.71	0.00	-2.00%	0.00	1551.71	HB45	0.0040	5.9323	0.0000	0.420	0.451	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.330	0.330	1.364	1.364		0.451
	Grade		2006+35.00	HB45	1550.41	66.65	-2.00%	0.00	1551.74	0.00	-2.00%	0.00	1551.74	HB45	0.0060	5.9246	0.0000	0.389	0.420	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.276	0.276	1.523	1.523		0.420
	Grade		2006+40.00	HB45	1550.43	66.60	-2.00%	0.00	1551.76	0.00	-2.00%	0.00	1551.76	HB45	0.0040	5.9170	0.0000	0.359	0.389	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.300	0.300	1.297	1.297		0.389
	Grade		2006+45.00	HB45	1550.46	66.55	-2.00%	0.00	1551.79	0.00	-2.00%	0.00	1551.79	HB45	0.0060	5.9093	0.0000	0.328	0.359	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.247	0.247	1.449	1.449		0.359
	Grade	3	2006+50.00	HB45	1550.48	66.50	-2.00%	0.00	1551.81	0.00	-2.00%	0.00	1551.81	HB45	0.0040	5.9017	0.0000	2.469	2.500	**Left**	HB45	12.00	0.00	4.50	5.49	9.99	18.000	**OK**	0.884	1.186	2.480	2.107	3	2.500
	Grade		2006+55.00	HB45	1550.51	66.65	-2.00%	0.00	1551.84	0.00	-2.00%	0.00	1551.84	HB45	0.0060	5.8940	0.0000	2.438	2.469	**Left**	HB45	12.00	0.00	4.50	4.49	8.99	18.000	**OK**	0.794	0.996	2.833	2.480		2.469
	Grade		2006+60.00	HB45	1550.52	66.80	-2.00%	0.00	1551.86	0.00	-2.00%	0.00	1551.86	HB45	0.0040	5.8864	0.0000	2.408	2.439	**Left**	HB45	12.00	0.00	4.50	5.37	9.87	18.000	**OK**	0.874	1.162	2.460	2.098		2.439
	Grade		2006+65.00	HB45	1550.55	66.95	-2.00%	0.00	1551.89	0.00	-2.00%	0.00	1551.89	HB45	0.0060	5.8787	0.0000	2.377	2.408	**Left**	HB45	12.00	0.00	4.50	4.38	8.88	18.000	**OK**	0.784	0.976	2.810	2.468		2.408
	Grade		2006+70.00	HB45	1550.57	67.10	-2.00%	0.00	1551.91	0.00	-2.00%	0.00	1551.91	HB45	0.0040	5.8711	0.0000	2.346	2.377	**Left**	HB45	12.00	0.00	4.50	5.25	9.75	18.000	**OK**	0.863	1.139	2.440	2.088		2.377
	Grade		2006+75.00	HB45	1550.60	67.25	-2.00%	0.00	1551.94	0.00	-2.00%	0.00	1551.94	HB45	0.0060	5.8634	0.0000	2.316	2.347	**Left**	HB45	12.00	0.00	4.50	4.26	8.76	18.000	**OK**	0.774	0.955	2.786	2.456		2.347
	Grade		2006+80.00	HB45	1550.61	67.40	-2.00%	0.00	1551.96	0.00	-2.00%	0.00	1551.96	HB45	0.0040	5.8557	0.0000	2.285	2.316	**Left**	HB45	12.00	0.00	4.50	5.13	9.63	18.000	**OK**	0.852	1.115	2.420	2.078		2.316
	Grade		2006+85.00	HB45	1550.64	67.55	-2.00%	0.00	1551.99	0.00	-2.00%	0.00	1551.99	HB45	0.0060	5.8479	0.0000	2.254	2.285	**Left**	HB45	12.00	0.00	4.50	4.15	8.65	18.000	**OK**	0.763	0.935	2.762	2.444		2.285
	Grade		2006+90.00	HB45	1550.66	67.70	-2.00%	0.00	1552.01	0.00	-2.00%	0.00	1552.01	HB45	0.0040	5.8402	0.0000	2.223	2.254	**Left**	HB45	12.00	0.00	4.50	5.00	9.50	18.000	**OK**	0.840	1.090	2.399	2.067		2.254
	Grade		2006+95.00	HB45	1550.68	67.85	-2.00%	0.00	1552.04	0.00	-2.00%	0.00	1552.04	HB45	0.0060	5.8324	0.0000	2.192	2.223	**Left**	HB45	12.00	0.00	4.50	4.03	8.53	18.000	**OK**	0.752	0.914	2.737	2.431		2.223
	Grade		2007+00.00	HB45	1550.70	68.00	-2.00%	0.00	1552.06	0.00	-2.00%	0.00	1552.06	HB45	0.0040	5.8247	0.0000	2.161	2.192	**Left**	HB45	12.00	0.00	4.50	4.87	9.37	18.000	**OK**	0.828	1.066	2.377	2.057		2.192
	Grade		2007+05.00	HB45	1550.73	68.15	-2.00%	0.00	1552.09	0.00	-2.00%	0.00	1552.09	HB45	0.0060	5.8169	0.0000	2.130	2.161	**Left**	HB45	12.00	0.00	4.50	3.90	8.40	18.000	**OK**	0.741	0.894	2.711	2.418		2.161
	Grade		2007+10.00	HB45	1550.74	68.30	-2.00%	0.00	1552.11	0.00	-2.00%	0.00	1552.11	HB45	0.0040	5.8090	0.0000	2.098	2.130	**Left**	HB45	12.00	0.00	4.50	4.74	9.24	18.000	**OK**	0.817	1.041	2.355	2.046		2.130
	Grade		2007+15.00	HB45	1550.77	68.45	-2.00%	0.00	1552.14	0.00	-2.00%	0.00	1552.14	HB45	0.0060	5.8012	0.0000	2.067	2.099	**Left**	HB45	12.00	0.00	4.50	3.78	8.28	18.000	**OK**	0.730	0.873	2.685	2.404		2.099
	Grade		2007+20.00	HB45	1550.79	68.60	-2.00%	0.00	1552.16	0.00	-2.00%	0.00	1552.16	HB45	0.0040	5.7934	0.0000	2.036	2.067	**Left**	HB45	12.00	0.00	4.50	4.60	9.10	18.000	**OK**	0.804	1.016	2.332	2.034		2.067
	Grade		2007+25.00	HB45	1550.82	68.75	-2.00%	0.00	1552.19	0.00	-2.00%	0.00	1552.19	HB45	0.0060	5.7855	0.0000	2.004	2.036	**Left**	HB45	12.00	0.00	4.50	3.65	8.15	18.000	**OK**	0.719	0.852	2.658	2.390		2.036
	Grade		2007+30.00	HB45	1550.83	68.90	-2.00%	0.00	1552.21	0.00	-2.00%	0.00	1552.21	HB45	0.0040	5.7776	0.0000	1.973	2.004	**Left**	HB45	12.00	0.00	4.50	4.46	8.96	18.000	**OK**	0.792	0.991	2.309	2.023		2.004
	Grade		2007+35.00	HB45	1550.86	69.05	-2.00%	0.00	1552.24	0.00	-2.00%	0.00	1552.24	HB45	0.0060	5.7697	0.0000	1.941	1.973	**Left**	HB45	12.00	0.00	4.50	3.52	8.02	18.000	**OK**	0.707	0.831	2.630	2.375		1.973
	Grade		2007+40.00	HB45	1550.88	69.20	-2.00%	0.00	1552.26	0.00	-2.00%	0.00	1552.26	HB45	0.0040	5.7618	0.0000	1.909	1.941	**Left**	HB45	12.00	0.00	4.50	4.32	8.82	18.000	**OK**	0.779	0.966	2.285	2.010		1.941
	Grade		2007+45.00	HB45	1550.90	69.35	-2.00%	0.00	1552.29	0.00	-2.00%	0.00	1552.29	HB45	0.0060	5.7539	0.0000	1.878	1.910	**Left**	HB45	12.00	0.00	4.50	3.38	7.88	18.000	**OK**	0.695	0.809	2.601	2.360		1.910
	Grade		2007+50.00	HB45	1550.92	69.50	-2.00%	0.00	1552.31	0.00	-2.00%	0.00	1552.31	HB45	0.0040	5.7459	0.0000	1.846	1.878	**Left**	HB45	12.00	0.00	4.50	4.17	8.67	18.000	**OK**	0.766	0.940	2.260	1.998		1.878
	Grade		2007+55.00	HB45	1550.95	69.65	-2.00%	0.00	1552.34	0.00	-2.00%	0.00	1552.34	HB45	0.0060	5.7379	0.0000	1.814	1.846	**Left**	HB45	12.00	0.00	4.50	3.25	7.75	18.000	**OK**	0.682	0.787	2.571	2.344		1.846
	Grade		2007+60.00	HB45	1550.96	69.80	-2.00%	0.00	1552.36	0.00	-2.00%	0.00	1552.36	HB45	0.0040	5.7300	0.0000	1.782	1.814	**Left**	HB45	12.00	0.00	4.50	4.02	8.52	18.000	**OK**	0.752	0.914	2.234	1.985		1.814
	Grade		2007+65.00	HB45	1550.99	69.95	-2.00%	0.00	1552.39	0.00	-2.00%	0.00	1552.39	HB45	0.0060	5.7220	0.0000	1.750	1.782	**Left**	HB45	12.00	0.00	4.50	3.10	7.60	18.000	**OK**	0.669	0.766	2.540	2.328		1.782
	Grade		2007+70.00	HB45	1551.01	70.10	-2.00%	0.00	1552.41	0.00	-2.00%	0.00	1552.41	HB45	0.0040	5.7139	0.0000	1.718	1.750	**Left**	HB45	12.00	0.00	4.50	3.87	8.37	18.000	**OK**	0.738	0.888	2.208	1.971		1.750
	Grade		2007+75.00	HB45	1551.04	70.25	-2.00%	0.00	1552.44	0.00	-2.00%	0.00	1552.44	HB45	0.0060	5.7059	0.0000	1.686	1.718	**Left**	HB45	12.00	0.00	4.50	2.96	7.46	18.000	**OK**	0.656	0.744	2.509	2.311		1.718
	Grade		2007+80.00	HB45	1551.05	70.40	-2.00%	0.00	1552.46	0.00	-2.00%	0.00	1552.46	HB45	0.0040	5.6978	0.0000	1.654	1.686	**Left**	HB45	12.00	0.00	4.50	3.71	8.21	18.000	**OK**	0.724	0.862	2.180	1.957		1.686
	Grade		2007+85.00	HB45	1551.08	70.55	-2.00%	0.00	1552.49	0.00	-2.00%	0.00	1552.49	HB45	0.0060	5.6898	0.0000	1.621	1.654	**Left**	HB45	12.00	0.00	4.50	2.81	7.31	18.000	**OK**	0.643	0.721	2.476	2.292		1.654

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2007+90.00	HB45	1551.10	70.70	-2.00%	0.00	1552.51	0.00	-2.00%	0.00	1552.51	HB45	0.0040	5.6817	0.0000	1.589	1.621	**Left**	HB45	12.00	0.00	4.50	3.55	8.05	18.000	**OK**	0.709	0.835	2.152	1.942		1.621
	Grade		2007+95.00	HB45	1551.12	70.85	-2.00%	0.00	1552.54	0.00	-2.00%	0.00	1552.54	HB45	0.0060	5.6736	0.0000	1.556	1.589	**Left**	HB45	12.00	0.00	4.50	2.65	7.15	18.000	**OK**	0.629	0.699	2.442	2.273		1.589
	Grade		2008+00.00	HB45	1551.14	71.00	-2.00%	0.00	1552.56	0.00	-2.00%	0.00	1552.56	HB45	0.0040	5.6654	0.0000	1.524	1.557	**Left**	HB45	12.00	0.00	4.50	3.38	7.88	18.000	**OK**	0.694	0.808	2.122	1.927		1.557
	Grade		2008+05.00	HB45	1551.17	71.03	-2.00%	0.00	1552.59	0.00	-2.00%	0.00	1552.59	HB45	0.0060	5.6573	0.0000	1.491	1.524	**Left**	HB45	12.00	0.00	4.50	2.49	6.99	18.000	**OK**	0.614	0.676	2.407	2.253		1.524
	Grade		2008+10.00	HB45	1551.19	71.05	-2.00%	0.00	1552.61	0.00	-2.00%	0.00	1552.61	HB45	0.0040	5.6492	0.0000	1.459	1.492	**Left**	HB45	12.00	0.00	4.50	3.20	7.70	18.000	**OK**	0.678	0.781	2.092	1.910		1.492
	Grade		2008+15.00	HB45	1551.22	71.08	-2.00%	0.00	1552.64	0.00	-2.00%	0.00	1552.64	HB45	0.0060	5.6410	0.0000	1.426	1.459	**Left**	HB45	12.00	0.00	4.50	2.33	6.83	18.000	**OK**	0.600	0.654	2.370	2.232		1.459
	Grade		2008+20.00	HB45	1551.24	71.10	-2.00%	0.00	1552.66	0.00	-2.00%	0.00	1552.66	HB45	0.0040	5.6328	0.0000	1.394	1.427	**Left**	HB45	12.00	0.00	4.50	3.02	7.52	18.000	**OK**	0.662	0.754	2.060	1.893		1.427
	Grade		2008+25.00	HB45	1551.27	71.13	-2.00%	0.00	1552.69	0.00	-2.00%	0.00	1552.69	HB45	0.0060	5.6247	0.0000	1.361	1.394	**Left**	HB45	12.00	0.00	4.50	2.16	6.66	18.000	**OK**	0.584	0.631	2.333	2.210		1.394
	Grade		2008+30.00	HB45	1551.29	71.15	-2.00%	0.00	1552.71	0.00	-2.00%	0.00	1552.71	HB45	0.0040	5.6165	0.0000	1.329	1.361	**Left**	HB45	12.00	0.00	4.50	2.84	7.34	18.000	**OK**	0.645	0.726	2.027	1.875		1.361
	Grade		2008+35.00	HB45	1551.32	71.18	-2.00%	0.00	1552.74	0.00	-2.00%	0.00	1552.74	HB45	0.0060	5.6084	0.0000	1.296	1.329	**Left**	HB45	12.00	0.00	4.50	1.98	6.48	18.000	**OK**	0.569	0.608	2.293	2.186		1.329
	Grade		2008+40.00	HB45	1551.34	71.20	-2.00%	0.00	1552.76	0.00	-2.00%	0.00	1552.76	HB45	0.0040	5.6002	0.0000	1.263	1.296	**Left**	HB45	12.00	0.00	4.50	2.65	7.15	18.000	**OK**	0.628	0.698	1.993	1.856		1.296
	Grade		2008+45.00	HB45	1551.37	71.23	-2.00%	0.00	1552.79	0.00	-2.00%	0.00	1552.79	HB45	0.0060	5.5920	0.0000	1.231	1.264	**Left**	HB45	12.00	0.00	4.50	1.80	6.30	18.000	**OK**	0.552	0.585	2.253	2.160		1.264
	Grade		2008+50.00	HB45	1551.39	71.25	-2.00%	0.00	1552.81	0.00	-2.00%	0.00	1552.81	HB45	0.0040	5.5838	0.0000	1.198	1.231	**Left**	HB45	12.00	0.00	4.50	2.45	6.95	18.000	**OK**	0.611	0.671	1.958	1.836		1.231
	Grade		2008+55.00	HB45	1551.41	71.28	-2.00%	0.00	1552.84	0.00	-2.00%	0.00	1552.84	HB45	0.0060	5.5757	0.0000	1.166	1.198	**Left**	HB45	12.00	0.00	4.50	1.62	6.12	18.000	**OK**	0.536	0.562	2.210	2.133		1.198
	Grade		2008+60.00	HB45	1551.43	71.30	-2.00%	0.00	1552.86	0.00	-2.00%	0.00	1552.86	HB45	0.0040	5.5675	0.0000	1.133	1.166	**Left**	HB45	12.00	0.00	4.50	2.25	6.75	18.000	**OK**	0.592	0.643	1.921	1.814		1.166
	Grade		2008+65.00	HB45	1551.46	71.33	-2.00%	0.00	1552.89	0.00	-2.00%	0.00	1552.89	HB45	0.0060	5.5593	0.0000	1.100	1.133	**Left**	HB45	12.00	0.00	4.50	1.42	5.92	18.000	**OK**	0.518	0.539	2.166	2.104		1.133
	Grade		2008+70.00	HB45	1551.48	71.35	-2.00%	0.00	1552.91	0.00	-2.00%	0.00	1552.91	HB45	0.0040	5.5511	0.0000	1.068	1.100	**Left**	HB45	12.00	0.00	4.50	2.03	6.53	18.000	**OK**	0.573	0.615	1.882	1.791		1.100
	Grade		2008+75.00	HB45	1551.51	71.38	-2.00%	0.00	1552.94	0.00	-2.00%	0.00	1552.94	HB45	0.0060	5.5429	0.0000	1.035	1.068	**Left**	HB45	12.00	0.00	4.50	1.23	5.73	18.000	**OK**	0.500	0.515	2.120	2.072		1.068
	Grade		2008+80.00	HB45	1551.53	71.40	-2.00%	0.00	1552.96	0.00	-2.00%	0.00	1552.96	HB45	0.0040	5.5347	0.0000	1.002	1.035	**Left**	HB45	12.00	0.00	4.50	1.81	6.31	18.000	**OK**	0.553	0.586	1.841	1.765		1.035
	Grade		2008+85.00	HB45	1551.56	71.43	-2.00%	0.00	1552.99	0.00	-2.00%	0.00	1552.99	HB45	0.0060	5.5265	0.0000	0.969	1.002	**Left**	HB45	12.00	0.00	4.50	1.02	5.52	18.000	**OK**	0.482	0.492	2.072	2.037		1.002
	Grade		2008+90.00	HB45	1551.58	71.45	-2.00%	0.00	1553.01	0.00	-2.00%	0.00	1553.01	HB45	0.0040	5.5183	0.0000	0.937	0.970	**Left**	HB45	12.00	0.00	4.50	1.59	6.09	18.000	**OK**	0.533	0.558	1.799	1.738		0.970
	Grade		2008+95.00	HB45	1551.61	71.48	-2.00%	0.00	1553.04	0.00	-2.00%	0.00	1553.04	HB45	0.0060	5.5101	0.0000	0.904	0.937	**Left**	HB45	12.00	0.00	4.50	0.80	5.30	18.000	**OK**	0.462	0.469	2.022	1.999		0.937
	Grade		2009+00.00	HB45	1551.63	71.50	-2.00%	0.00	1553.06	0.00	-2.00%	0.00	1553.06	HB45	0.0040	5.5019	0.0000	0.871	0.904	**Left**	HB45	12.00	0.00	4.50	1.35	5.85	18.000	**OK**	0.511	0.529	1.754	1.708		0.904
	Grade		2009+05.00	HB45	1551.66	71.53	-2.00%	0.00	1553.09	0.00	-2.00%	0.00	1553.09	HB45	0.0060	5.4937	0.0000	0.838	0.871	**Left**	HB45	12.00	0.00	4.50	0.58	5.08	18.000	**OK**	0.442	0.445	1.969	1.956		0.871
	Grade		2009+10.00	HB45	1551.68	71.55	-2.00%	0.00	1553.11	0.00	-2.00%	0.00	1553.11	HB45	0.0040	5.4855	0.0000	0.806	0.838	**Left**	HB45	12.00	0.00	4.50	1.10	5.60	18.000	**OK**	0.489	0.501	1.707	1.674		0.838
	Grade		2009+15.00	HB45	1551.71	71.58	-2.00%	0.00	1553.14	0.00	-2.00%	0.00	1553.14	HB45	0.0060	5.4773	0.0000	0.773	0.806	**Left**	HB45	12.00	0.00	4.50	0.34	4.84	18.000	**OK**	0.421	0.422	1.913	1.908		0.806
	Grade		2009+20.00	HB45	1551.73	71.60	-2.00%	0.00	1553.16	0.00	-2.00%	0.00	1553.16	HB45	0.0040	5.4691	0.0000	0.740	0.773	**Left**	HB45	12.00	0.00	4.50	0.84	5.34	18.000	**OK**	0.465	0.472	1.657	1.636		0.773
	Grade		2009+25.00	HB45	1551.76	71.63	-2.00%	0.00	1553.19	0.00	-2.00%	0.00	1553.19	HB45	0.0060	5.4609	0.0000	0.707	0.740	**Left**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.399	0.399	1.854	1.854		0.740
	Grade		2009+30.00	HB45	1551.78	71.65	-2.00%	0.00	1553.21	0.00	-2.00%	0.00	1553.21	HB45	0.0040	5.4527	0.0000	0.674	0.707	**Left**	HB45	12.00	0.00	4.50	0.56	5.06	18.000	**OK**	0.440	0.443	1.604	1.594		0.707
	Grade		2009+35.00	HB45	1551.81	71.68	-2.00%	0.00	1553.24	0.00	-2.00%	0.00	1553.24	HB45	0.0060	5.4444	0.0000	0.641	0.674	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.376	0.376	1.793	1.793		0.674
	Grade		2009+40.00	HB45	1551.83	71.70	-2.00%	0.00	1553.26	0.00	-2.00%	0.00	1553.26	HB45	0.0040	5.4362	0.0000	0.608	0.641	**Left**	HB45	12.00	0.00	4.50	0.27	4.77	18.000	**OK**	0.414	0.415	1.547	1.545		0.641
	Grade		2009+45.00	HB45	1551.86	71.73	-2.00%	0.00	1553.29	0.00	-2.00%	0.00	1553.29	HB45	0.0060	5.4280	0.0000	0.575	0.608	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.352	0.352	1.728	1.728		0.608
	Grade		2009+50.00	HB45	1551.88	71.75	-2.00%	0.00	1553.31	0.00	-2.00%	0.00	1553.31	HB45	0.0040	5.4198	0.0000	0.542	0.575	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.387	0.387	1.487	1.487		0.575
	Grade		2009+55.00	HB45	1551.90	71.78	-2.00%	0.00	1553.34	0.00	-2.00%	0.00	1553.34	HB45	0.0060	5.4115	0.0000	0.509	0.542	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.327	0.327	1.660	1.660		0.542
	Grade		2009+60.00	HB45	1551.92	71.80	-2.00%	0.00	1553.36	0.00	-2.00%	0.00	1553.36	HB45	0.0040	5.4033	0.0000	0.476	0.509	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.358	0.358	1.423	1.423		0.509
	Grade		2009+65.00	HB45	1551.95	71.83	-2.00%	0.00	1553.39	0.00	-2.00%	0.00	1553.39	HB45	0.0060	5.3950	0.0000	0.443	0.476	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.300	0.300	1.588	1.588		0.476
	Grade		2009+70.00	HB45	1551.97	71.85	-2.00%	0.00	1553.41	0.00	-2.00%	0.00	1553.41	HB45	0.0040	5.3868	0.0000	0.410	0.443	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.327	0.327	1.356	1.356		0.443
	Grade		2009+75.00	HB45	1552.00	71.88	-2.00%	0.00	1553.44	0.00	-2.00%	0.00	1553.44	HB45	0.0060	5.3786	0.0000	0.377	0.410	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.271	0.271	1.511	1.511		0.410
	Grade	3	2009+80.00	HB45	1552.02	71.90	-2.00%	0.00	1553.46	0.00	-2.00%	0.00	1553.46	HB45	0.0040	5.3703	0.0000	2.624	2.657	**Left**	HB45	12.00	0.00	4.50	5.79	10.29	18.000	**OK**	0.911	1.247	2.528	2.131	3	2.657
	Grade		2009+85.00	HB45	1552.05	71.93	-2.00%	0.00	1553.49	0.00	-2.00%	0.00	1553.49	HB45	0.0060	5.3621	0.0000	2.591	2.624	**Left**	HB45	12.00	0.00	4.50	4.77	9.27	18.000	**OK**	0.819	1.046	2.890	2.508		2.624
	Grade		2009+90.00	HB45	1552.07	71.95	-2.00%	0.00	1553.51	0.00	-2.00%	0.00	1553.51	HB45	0.0040	5.3538	0.0000	2.558	2.591	**Left**	HB45	12.00	0.00	4.50	5.67	10.17	18.000	**OK**	0.900	1.222	2.508	2.121		2.591
	Grade		2009+95.00	HB45	1552.10	71.98	-2.00%	0.00	1553.54	0.00	-2.00%	0.00	1553.54	HB45	0.0060	5.3455	0.0000	2.525	2.558	**Left**	HB45	12.00	0.00	4.50	4.65	9.15	18.000	**OK**	0.809	1.025	2.866	2.496		2.558
	Grade		2010+00.00	HB45	1552.12	72.00	-2.00%	0.00	1553.56	0.00	-2.00%	0.00	1553.56	HB45	0.0040	5.3373	0.0000	2.492	2.525	**Left**	HB45	12.00	0.00	4.50	5.54	10.04	18.000	**OK**	0.889	1.196	2.488	2.111		2.525
	Grade		2010+05.00	HB45	1552.15	72.03	-2.00%	0.00	1553.59	0.00	-2.00%	0.00	1553.59	HB45	0.0060	5.3290	0.0000	2.459	2.492	**Left**	HB45	12.00	0.00	4.50	4.53	9.03	18.000	**OK**	0.798	1.003	2.842	2.484		2.492
	Grade		2010+10.00	HB45	1552.17	72.05	-2.00%	0.00	1553.61	0.00	-2.00%	0.00	1553.61	HB45	0.0040	5.3208	0.0000	2.426	2.459	**Left**	HB45	12.00	0.00	4.50	5.41	9.91	18.000	**OK**	0.877	1.171	2.467	2.101		2.459
	Grade		2010+15.00	HB45	1552.20	72.08	-2.00%	0.00	1553.64	0.00	-2.00%	0.00	1553.64	HB45	0.0060	5.3125	0.0000	2.393	2.426	**Left**	HB45	12.00	0.00	4.50	4.41	8.91	18.000	**OK**	0.787	0.982	2.817	2.472		2.426
	Grade		2010+20.00	HB45	1552.22	72.10	-2.00%	0.00	1553.66	0.00	-2.00%	0.00	1553.66	HB45	0.0040	5.3042	0.0000	2.360	2.393	**Left**	HB45	12.00	0.00	4.50	5.28	9.78	18.000	**OK**	0.866	1.145	2.446	2.090		2.393
	Grade		2010+25.00	HB45	1552.25	72.13	-2.00%	0.00	1553.69	0.00	-2.00%	0.00	1553.69	HB45	0.0060	5.2959	0.0000	2.327	2.360	**Left**	HB45	12.00	0.00	4.50	4.29	8.79	18.000	**OK**	0.776	0.960	2.792	2.459		2.360
	Grade		2010+30.00	HB45	1552.27	72.15	-2.00%	0.00	1553.71	0.00	-2.00%	0.00	1553.71	HB45	0.0040	5.2877	0.0000	2.294	2.327	**Left**	HB45	12.00	0.00	4.50	5.15	9.65	18.000	**OK**	0.854	1.119	2.424	2.080		2.327
	Grade		2010+35.00	HB45	1552.30	72.18	-2.00%	0.00	1553.74	0.00	-2.00%	0.00	1553.74	HB45	0.0060	5.2794	0.0000	2.261	2.294	**Left**	HB45	12.00	0.00	4.50	4.16	8.66	18.000	**OK**	0.765	0.938	2.765	2.446		2.294
	Grade		2010+40.00	HB45	1552.32	72.20	-2.00%	0.00	1553.76	0.00	-2.00%	0.00	1553.76	HB45	0.0040	5.2711	0.0000	2.228	2.261	**Left**	HB45	12.00	0.00	4.50	5.02	9.52	18.000	**OK**	0.841	1.093	2.401	2.069		2.261
	Grade		2010+45.00	HB45	1552.35	72.23	-2.00%	0.00	1553.79	0.00	-2.00%	0.00	1553.79	HB45	0.0060	5.2628	0.0000	2.194	2.228	**Left**	HB45	12.00	0.00	4.50	4.04	8.54	18.000	**OK**	0.753	0.916	2.739	2.432		2.228
	Grade		2010+50.00	HB45	1552.37	72.25	-2.00%	0.00	1553.81	0.00	-2.00%	0.00	1553.81	HB45	0.0040	5.2545	0.0000	2.161	2.195	**Left**	HB45	12.00	0.00	4.50	4.88	9.38	18.000	**OK**	0.829	1.067	2.378	2.057		2.195
	Grade		2010+55.00	HB45	1552.39	72.28	-2.00%	0.00	1553.84	0.00	-2.00%	0.00	1553.84	HB45	0.0060	5.2462	0.0000	2.128	2.161	**Left**	HB45	12.00	0.00	4.50	3.90	8.40	18.000	**OK**	0.741	0.894	2.711	2.418		2.161
	Grade		2010+60.00	HB45	1552.41	72.30	-2.00%	0.00	1553.86	0.00	-2.00%	0.00	1553.86	HB45	0.0040	5.2379	0.0000	2.095	2.128	**Left**	HB45	12.00	0.00	4.50	4.74	9.24	18.000	**OK**	0.816	1.041	2.355	2.045		2.128
	Grade		2010+65.00	HB45	1552.44	72.33	-2.00%	0.00	1553.89	0.00	-2.00%	0.00	1553.89	HB45	0.0060	5.2296	0.0000	2.062	2.095	**Left**	HB45	12.00	0.00	4.50	3.77	8.27	18.000	**OK**	0.729	0.872	2.683	2.403		2.095
	Grade		2010+70.00	HB45	1552.46	72.35	-2.00%	0.00	1553.91	0.00	-2.00%	0.00	1553.91	HB45	0.0040	5.2213	0.0000	2.029	2.062	**Left**	HB45	12.00	0.00	4.50	4.59	9.09	18.000	**OK**	0.803	1.014	2.331	2.033		2.062
	Grade		2010+75.00	HB45	1552.49	72.38	-2.00%	0.00	1553.94	0.00	-2.00%	0.00	1553.94	HB45	0.0060	5.2130	0.0000	1.996	2.029	**Left**	HB45	12.00	0.00	4.50	3.64	8.14	18.000	**OK**	0.717	0.849	2.655	2.388		2.029
	Grade		2010+80.00	HB45	1552.51	72.40	-2.00%	0.00	1553.96	0.00	-2.00%	0.00	1553.96	HB45	0.0040	5.2047	0.0000	1.962	1.996	**Left**	HB45	12.00	0.00	4.50	4.44	8.94	18.000	**OK**	0.790	0.988	2.306	2.021		1.996
	Grade		2010+85.00	HB45	1552.54	72.43	-2.00%	0.00	1553.99	0.00	-2.00%	0.00	1553.99	HB45	0.0060	5.1964	0.0000	1.929	1.962	**Left**	HB45	12.00	0.00	4.50	3.50	8.00	18.000	**OK**	0.705	0.827	2.625	2.373		1.962
	Grade		2010+90.00	HB45	1552.56	72.45	-2.00%	0.00	1554.01	0.00	-2.00%	0.00	1554.01	HB45	0.0040	5.1881	0.0000	1.896	1.929	**Left**	HB45	12.00	0.00	4.50	4.29	8.79	18.000	**OK**	0.776	0.961	2.280	2.008		1.929
	Grade		2010+95.00	HB45	1552.59	72.48	-2.00%	0.00	1554.04	0.00	-2.00%	0.00	1554.04	HB45	0.0060	5.1798	0.0000	1.863	1.896	**Left**	HB45	12.00	0.00	4.50	3.35	7.85	18.000	**OK**	0.692	0.804	2.595	2.357		1.896
	Grade		2011+00.00	HB45	1552.61	72.50	-2.00%	0.00	1554.06	0.00	-2.00%	0.00	1554.06	HB45	0.0040	5.1715	0.0000	1.829	1.863	**Left**	HB45	12.00	0.00	4.50	4.14	8.64	18.000	**OK**	0.763	0.934	2.254	1.995		1.863
	Grade		2011+05.00	HB45	1552.64	72.50	-2.00%	0.00	1554.09	0.00	-2.00%	0.00	1554.09	HB45	0.0060	5.1632	0.0000	1.796	1.830	**Left**	HB45	12.00	0.00	4.50	3.21	7.71	18.000	**OK**	0.679	0.782	2.563	2.340		1.830
	Grade		2011+10.00	HB45	1552.66	72.49	-2.00%	0.00	1554.11	0.00	-2.00%	0.00	1554.11	HB45	0.0040	5.1548	0.0000	1.763	1.796	**Left**	HB45	12.00	0.00	4.50	3.98	8.48	18.000	**OK**	0.748	0.907	2.227	1.981		1.796
	Grade		2011+15.00	HB45	1552.69	72.49	-2.00%	0.00	1554.14	0.00	-2.00%	0.00	1554.14	HB45	0.0060	5.1465	0.0000	1.730	1.763	**Left**	HB45	12.00	0.00	4.50	3.06	7.56	18.000	**OK**	0.665	0.759	2.531	2.323		1.763
	Grade		2011+20.00	HB45	1552.71	72.49	-2.00%	0.00	1554.16	0.00	-2.00%	0.00	1554.16	HB45	0.0040	5.1382	0.0000	1.697	1.730	**Left**	HB45	12.00	0.00	4.50	3.82	8.32	18.000	**OK**	0.734	0.880	2.199	1.967		1.730
	Grade		2011+25.00	HB45	1552.74	72.48	-2.00%	0.00	1554.19	0.00	-2.00%	0.00	1554.19	HB45	0.0060	5.1299	0.0000	1.663	1.697	**Left**	HB45	12.00	0.00	4.50	2.91	7.41	18.000	**OK**	0.652	0.736	2.498	2.305		1.697
	Grade		2011+30.00	HB45	1552.76	72.48	-2.00%	0.00	1554.21	0.00	-2.00%	0.00	1554.21	HB45	0.0040	5.1216	0.0000	1.630	1.663	**Left**	HB45	12.00	0.00	4.50	3.65	8.15	18.000	**OK**	0.719	0.852	2.170	1.952		1.663
	Grade		2011+35.00	HB45	1552.79	72.48	-2.00%	0.00	1554.24	0.00	-2.00%	0.00	1554.24	HB45	0.0060	5.1132	0.0000	1.597	1.630	**Left**	HB45	12.00	0.00	4.50	2.75	7.25	18.000	**OK**	0.638	0.713	2.464	2.286		1.630
	Grade		2011+40.00	HB45	1552.81	72.47	-2.00%	0.00	1554.26	0.00	-2.00%	0.00	1554.26	HB45	0.0040	5.1049	0.0000	1.564	1.597	**Left**	HB45	12.00	0.00	4.50	3.48	7.98	18.000	**OK**	0.703	0.825	2.141	1.936		1.597

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2011+45.00	HB45	1552.84	72.47	-2.00%	0.00	1554.29	0.00	-2.00%	0.00	1554.29	HB45	0.0060	5.0966	0.0000	1.530	1.564	**Left**	HB45	12.00	0.00	4.50	2.59	7.09	18.000	**OK**	0.623	0.690	2.428	2.266		1.564
	Grade		2011+50.00	HB45	1552.86	72.46	-2.00%	0.00	1554.31	0.00	-2.00%	0.00	1554.31	HB45	0.0040	5.0883	0.0000	1.497	1.530	**Left**	HB45	12.00	0.00	4.50	3.31	7.81	18.000	**OK**	0.688	0.797	2.110	1.920		1.530
	Grade		2011+55.00	HB45	1552.89	72.46	-2.00%	0.00	1554.34	0.00	-2.00%	0.00	1554.34	HB45	0.0060	5.0800	0.0000	1.464	1.497	**Left**	HB45	12.00	0.00	4.50	2.42	6.92	18.000	**OK**	0.608	0.667	2.392	2.245		1.497
	Grade		2011+60.00	HB45	1552.91	72.46	-2.00%	0.00	1554.36	0.00	-2.00%	0.00	1554.36	HB45	0.0040	5.0716	0.0000	1.431	1.464	**Left**	HB45	12.00	0.00	4.50	3.13	7.63	18.000	**OK**	0.672	0.769	2.079	1.903		1.464
	Grade		2011+65.00	HB45	1552.94	72.45	-2.00%	0.00	1554.39	0.00	-2.00%	0.00	1554.39	HB45	0.0060	5.0633	0.0000	1.397	1.431	**Left**	HB45	12.00	0.00	4.50	2.25	6.75	18.000	**OK**	0.593	0.644	2.354	2.222		1.431
	Grade		2011+70.00	HB45	1552.96	72.45	-2.00%	0.00	1554.41	0.00	-2.00%	0.00	1554.41	HB45	0.0040	5.0550	0.0000	1.364	1.398	**Left**	HB45	12.00	0.00	4.50	2.94	7.44	18.000	**OK**	0.655	0.741	2.046	1.885		1.398
	Grade		2011+75.00	HB45	1552.99	72.45	-2.00%	0.00	1554.44	0.00	-2.00%	0.00	1554.44	HB45	0.0060	5.0467	0.0000	1.331	1.364	**Left**	HB45	12.00	0.00	4.50	2.08	6.58	18.000	**OK**	0.577	0.620	2.315	2.199		1.364
	Grade		2011+80.00	HB45	1553.01	72.44	-2.00%	0.00	1554.46	0.00	-2.00%	0.00	1554.46	HB45	0.0040	5.0384	0.0000	1.298	1.331	**Left**	HB45	12.00	0.00	4.50	2.75	7.25	18.000	**OK**	0.638	0.713	2.012	1.866		1.331
	Grade		2011+85.00	HB45	1553.04	72.44	-2.00%	0.00	1554.49	0.00	-2.00%	0.00	1554.49	HB45	0.0060	5.0301	0.0000	1.265	1.298	**Left**	HB45	12.00	0.00	4.50	1.90	6.40	18.000	**OK**	0.561	0.597	2.274	2.174		1.298
	Grade		2011+90.00	HB45	1553.06	72.44	-2.00%	0.00	1554.51	0.00	-2.00%	0.00	1554.51	HB45	0.0040	5.0217	0.0000	1.231	1.265	**Left**	HB45	12.00	0.00	4.50	2.55	7.05	18.000	**OK**	0.620	0.685	1.976	1.846		1.265
	Grade		2011+95.00	HB45	1553.09	72.43	-2.00%	0.00	1554.54	0.00	-2.00%	0.00	1554.54	HB45	0.0060	5.0134	0.0000	1.198	1.232	**Left**	HB45	12.00	0.00	4.50	1.71	6.21	18.000	**OK**	0.544	0.574	2.232	2.147		1.232
	Grade		2012+00.00	HB45	1553.11	72.43	-2.00%	0.00	1554.56	0.00	-2.00%	0.00	1554.56	HB45	0.0040	5.0051	0.0000	1.165	1.198	**Left**	HB45	12.00	0.00	4.50	2.35	6.85	18.000	**OK**	0.601	0.657	1.939	1.825		1.198
	Grade		2012+05.00	HB45	1553.14	72.43	-2.00%	0.00	1554.59	0.00	-2.00%	0.00	1554.59	HB45	0.0060	4.9968	0.0000	1.132	1.165	**Left**	HB45	12.00	0.00	4.50	1.52	6.02	18.000	**OK**	0.527	0.550	2.188	2.118		1.165
	Grade		2012+10.00	HB45	1553.16	72.42	-2.00%	0.00	1554.61	0.00	-2.00%	0.00	1554.61	HB45	0.0040	4.9885	0.0000	1.098	1.132	**Left**	HB45	12.00	0.00	4.50	2.14	6.64	18.000	**OK**	0.582	0.628	1.901	1.802		1.132
	Grade		2012+15.00	HB45	1553.19	72.42	-2.00%	0.00	1554.64	0.00	-2.00%	0.00	1554.64	HB45	0.0060	4.9802	0.0000	1.065	1.098	**Left**	HB45	12.00	0.00	4.50	1.32	5.82	18.000	**OK**	0.509	0.526	2.142	2.087		1.098
	Grade		2012+20.00	HB45	1553.21	72.41	-2.00%	0.00	1554.66	0.00	-2.00%	0.00	1554.66	HB45	0.0040	4.9719	0.0000	1.032	1.065	**Left**	HB45	12.00	0.00	4.50	1.92	6.42	18.000	**OK**	0.563	0.599	1.860	1.777		1.065
	Grade		2012+25.00	HB45	1553.24	72.41	-2.00%	0.00	1554.69	0.00	-2.00%	0.00	1554.69	HB45	0.0060	4.9636	0.0000	0.999	1.032	**Left**	HB45	12.00	0.00	4.50	1.11	5.61	18.000	**OK**	0.490	0.503	2.094	2.053		1.032
	Grade		2012+30.00	HB45	1553.26	72.41	-2.00%	0.00	1554.71	0.00	-2.00%	0.00	1554.71	HB45	0.0040	4.9552	0.0000	0.965	0.999	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.542	0.571	1.818	1.750		0.999
	Grade		2012+35.00	HB45	1553.29	72.40	-2.00%	0.00	1554.74	0.00	-2.00%	0.00	1554.74	HB45	0.0060	4.9469	0.0000	0.932	0.965	**Left**	HB45	12.00	0.00	4.50	0.90	5.40	18.000	**OK**	0.471	0.479	2.044	2.016		0.965
	Grade		2012+40.00	HB45	1553.31	72.40	-2.00%	0.00	1554.76	0.00	-2.00%	0.00	1554.76	HB45	0.0040	4.9386	0.0000	0.899	0.932	**Left**	HB45	12.00	0.00	4.50	1.45	5.95	18.000	**OK**	0.521	0.542	1.773	1.721		0.932
	Grade		2012+45.00	HB45	1553.34	72.40	-2.00%	0.00	1554.79	0.00	-2.00%	0.00	1554.79	HB45	0.0060	4.9303	0.0000	0.865	0.899	**Left**	HB45	12.00	0.00	4.50	0.67	5.17	18.000	**OK**	0.451	0.455	1.991	1.974		0.899
	Grade		2012+50.00	HB45	1553.36	72.39	-2.00%	0.00	1554.81	0.00	-2.00%	0.00	1554.81	HB45	0.0040	4.9220	0.0000	0.832	0.865	**Left**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.498	0.513	1.726	1.688		0.865
	Grade		2012+55.00	HB45	1553.39	72.39	-2.00%	0.00	1554.84	0.00	-2.00%	0.00	1554.84	HB45	0.0060	4.9137	0.0000	0.799	0.832	**Left**	HB45	12.00	0.00	4.50	0.44	4.94	18.000	**OK**	0.430	0.432	1.936	1.928		0.832
	Grade		2012+60.00	HB45	1553.41	72.39	-2.00%	0.00	1554.86	0.00	-2.00%	0.00	1554.86	HB45	0.0040	4.9054	0.0000	0.766	0.799	**Left**	HB45	12.00	0.00	4.50	0.94	5.44	18.000	**OK**	0.475	0.484	1.677	1.652		0.799
	Grade		2012+65.00	HB45	1553.44	72.38	-2.00%	0.00	1554.89	0.00	-2.00%	0.00	1554.89	HB45	0.0060	4.8971	0.0000	0.732	0.766	**Left**	HB45	12.00	0.00	4.50	0.20	4.70	18.000	**OK**	0.408	0.408	1.877	1.876		0.766
	Grade		2012+70.00	HB45	1553.46	72.38	-2.00%	0.00	1554.91	0.00	-2.00%	0.00	1554.91	HB45	0.0040	4.8888	0.0000	0.699	0.732	**Left**	HB45	12.00	0.00	4.50	0.67	5.17	18.000	**OK**	0.450	0.455	1.624	1.611		0.732
	Grade		2012+75.00	HB45	1553.49	72.38	-2.00%	0.00	1554.94	0.00	-2.00%	0.00	1554.94	HB45	0.0060	4.8805	0.0000	0.666	0.699	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.385	0.385	1.816	1.816		0.699
	Grade		2012+80.00	HB45	1553.51	72.37	-2.00%	0.00	1554.96	0.00	-2.00%	0.00	1554.96	HB45	0.0040	4.8721	0.0000	0.632	0.666	**Left**	HB45	12.00	0.00	4.50	0.38	4.88	18.000	**OK**	0.424	0.426	1.569	1.564		0.666
	Grade		2012+85.00	HB45	1553.54	72.37	-2.00%	0.00	1554.99	0.00	-2.00%	0.00	1554.99	HB45	0.0060	4.8638	0.0000	0.599	0.632	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.361	0.361	1.752	1.752		0.632
	Grade		2012+90.00	HB45	1553.56	72.36	-2.00%	0.00	1555.01	0.00	-2.00%	0.00	1555.01	HB45	0.0040	4.8555	0.0000	0.566	0.599	**Left**	HB45	12.00	0.00	4.50	0.08	4.58	18.000	**OK**	0.397	0.397	1.509	1.509		0.599
	Grade		2012+95.00	HB45	1553.59	72.36	-2.00%	0.00	1555.04	0.00	-2.00%	0.00	1555.04	HB45	0.0060	4.8472	0.0000	0.533	0.566	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.336	0.336	1.685	1.685		0.566
	Grade		2013+00.00	HB45	1553.61	72.36	-2.00%	0.00	1555.06	0.00	-2.00%	0.00	1555.06	HB45	0.0040	4.8389	0.0000	0.499	0.533	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.368	0.368	1.446	1.446		0.533
	Grade		2013+05.00	HB45	1553.64	72.35	-2.00%	0.00	1555.09	0.00	-2.00%	0.00	1555.09	HB45	0.0060	4.8306	0.0000	0.466	0.499	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.309	0.309	1.613	1.613		0.499
	Grade	3	2013+10.00	HB45	1553.66	72.35	-2.00%	0.00	1555.11	0.00	-2.00%	0.00	1555.11	HB45	0.0040	4.8223	0.0000	2.895	2.928	**Left**	HB45	12.00	0.00	4.50	6.28	10.78	18.000	**OK**	0.955	1.350	2.607	2.170	3	2.928
	Grade		2013+15.00	HB45	1553.69	72.35	-2.00%	0.00	1555.14	0.00	-2.00%	0.00	1555.14	HB45	0.0060	4.8140	0.0000	2.861	2.895	**Left**	HB45	12.00	0.00	4.50	5.22	9.72	18.000	**OK**	0.860	1.133	2.983	2.554		2.895
	Grade		2013+20.00	HB45	1553.71	72.34	-2.00%	0.00	1555.16	0.00	-2.00%	0.00	1555.16	HB45	0.0040	4.8057	0.0000	2.828	2.862	**Left**	HB45	12.00	0.00	4.50	6.16	10.66	18.000	**OK**	0.945	1.325	2.588	2.160		2.862
	Grade		2013+25.00	HB45	1553.74	72.34	-2.00%	0.00	1555.19	0.00	-2.00%	0.00	1555.19	HB45	0.0060	4.7974	0.0000	2.795	2.828	**Left**	HB45	12.00	0.00	4.50	5.12	9.62	18.000	**OK**	0.850	1.112	2.961	2.543		2.828
	Grade		2013+30.00	HB45	1553.76	72.34	-2.00%	0.00	1555.21	0.00	-2.00%	0.00	1555.21	HB45	0.0040	4.7891	0.0000	2.762	2.795	**Left**	HB45	12.00	0.00	4.50	6.04	10.54	18.000	**OK**	0.934	1.299	2.569	2.151		2.795
	Grade		2013+35.00	HB45	1553.79	72.33	-2.00%	0.00	1555.24	0.00	-2.00%	0.00	1555.24	HB45	0.0060	4.7808	0.0000	2.729	2.762	**Left**	HB45	12.00	0.00	4.50	5.00	9.50	18.000	**OK**	0.840	1.091	2.938	2.532		2.762
	Grade		2013+40.00	HB45	1553.81	72.33	-2.00%	0.00	1555.26	0.00	-2.00%	0.00	1555.26	HB45	0.0040	4.7725	0.0000	2.695	2.729	**Left**	HB45	12.00	0.00	4.50	5.92	10.42	18.000	**OK**	0.923	1.274	2.550	2.142		2.729
	Grade		2013+45.00	HB45	1553.84	72.33	-2.00%	0.00	1555.29	0.00	-2.00%	0.00	1555.29	HB45	0.0060	4.7642	0.0000	2.662	2.695	**Left**	HB45	12.00	0.00	4.50	4.89	9.39	18.000	**OK**	0.830	1.069	2.915	2.521		2.695
	Grade		2013+50.00	HB45	1553.86	72.32	-2.00%	0.00	1555.31	0.00	-2.00%	0.00	1555.31	HB45	0.0040	4.7559	0.0000	2.629	2.662	**Left**	HB45	12.00	0.00	4.50	5.80	10.30	18.000	**OK**	0.912	1.249	2.530	2.132		2.662
	Grade		2013+55.00	HB45	1553.89	72.32	-2.00%	0.00	1555.34	0.00	-2.00%	0.00	1555.34	HB45	0.0060	4.7476	0.0000	2.596	2.629	**Left**	HB45	12.00	0.00	4.50	4.78	9.28	18.000	**OK**	0.820	1.048	2.892	2.509		2.629
	Grade		2013+60.00	HB45	1553.91	72.31	-2.00%	0.00	1555.36	0.00	-2.00%	0.00	1555.36	HB45	0.0040	4.7393	0.0000	2.563	2.596	**Left**	HB45	12.00	0.00	4.50	5.68	10.18	18.000	**OK**	0.901	1.223	2.510	2.122		2.596
	Grade		2013+65.00	HB45	1553.94	72.31	-2.00%	0.00	1555.39	0.00	-2.00%	0.00	1555.39	HB45	0.0060	4.7310	0.0000	2.529	2.563	**Left**	HB45	12.00	0.00	4.50	4.66	9.16	18.000	**OK**	0.809	1.026	2.868	2.497		2.563
	Grade		2013+70.00	HB45	1553.96	72.31	-2.00%	0.00	1555.41	0.00	-2.00%	0.00	1555.41	HB45	0.0040	4.7227	0.0000	2.496	2.529	**Left**	HB45	12.00	0.00	4.50	5.55	10.05	18.000	**OK**	0.890	1.198	2.489	2.112		2.529
	Grade		2013+75.00	HB45	1553.99	72.30	-2.00%	0.00	1555.44	0.00	-2.00%	0.00	1555.44	HB45	0.0060	4.7144	0.0000	2.463	2.496	**Left**	HB45	12.00	0.00	4.50	4.54	9.04	18.000	**OK**	0.799	1.005	2.843	2.485		2.496
	Grade		2013+80.00	HB45	1554.01	72.30	-2.00%	0.00	1555.46	0.00	-2.00%	0.00	1555.46	HB45	0.0040	4.7061	0.0000	2.430	2.463	**Left**	HB45	12.00	0.00	4.50	5.42	9.92	18.000	**OK**	0.878	1.172	2.468	2.102		2.463
	Grade		2013+85.00	HB45	1554.04	72.30	-2.00%	0.00	1555.49	0.00	-2.00%	0.00	1555.49	HB45	0.0060	4.6978	0.0000	2.397	2.430	**Left**	HB45	12.00	0.00	4.50	4.42	8.92	18.000	**OK**	0.788	0.983	2.818	2.472		2.430
	Grade		2013+90.00	HB45	1554.06	72.29	-2.00%	0.00	1555.51	0.00	-2.00%	0.00	1555.51	HB45	0.0040	4.6895	0.0000	2.363	2.397	**Left**	HB45	12.00	0.00	4.50	5.29	9.79	18.000	**OK**	0.866	1.146	2.447	2.091		2.397
	Grade		2013+95.00	HB45	1554.09	72.29	-2.00%	0.00	1555.54	0.00	-2.00%	0.00	1555.54	HB45	0.0060	4.6812	0.0000	2.330	2.363	**Left**	HB45	12.00	0.00	4.50	4.29	8.79	18.000	**OK**	0.777	0.961	2.793	2.459		2.363
	Grade		2014+00.00	HB45	1554.11	72.29	-2.00%	0.00	1555.56	0.00	-2.00%	0.00	1555.56	HB45	0.0040	4.6729	0.0000	2.297	2.330	**Left**	HB45	12.00	0.00	4.50	5.16	9.66	18.000	**OK**	0.854	1.120	2.425	2.080		2.330
	Grade		2014+05.00	HB45	1554.14	72.28	-2.00%	0.00	1555.59	0.00	-2.00%	0.00	1555.59	HB45	0.0060	4.6646	0.0000	2.264	2.297	**Left**	HB45	12.00	0.00	4.50	4.17	8.67	18.000	**OK**	0.765	0.939	2.767	2.446		2.297
	Grade		2014+10.00	HB45	1554.16	72.28	-2.00%	0.00	1555.61	0.00	-2.00%	0.00	1555.61	HB45	0.0040	4.6563	0.0000	2.231	2.264	**Left**	HB45	12.00	0.00	4.50	5.02	9.52	18.000	**OK**	0.842	1.094	2.402	2.069		2.264
	Grade		2014+15.00	HB45	1554.19	72.28	-2.00%	0.00	1555.64	0.00	-2.00%	0.00	1555.64	HB45	0.0060	4.6480	0.0000	2.197	2.231	**Left**	HB45	12.00	0.00	4.50	4.04	8.54	18.000	**OK**	0.754	0.917	2.740	2.432		2.231
	Grade		2014+20.00	HB45	1554.21	72.27	-2.00%	0.00	1555.66	0.00	-2.00%	0.00	1555.66	HB45	0.0040	4.6397	0.0000	2.164	2.197	**Left**	HB45	12.00	0.00	4.50	4.88	9.38	18.000	**OK**	0.830	1.068	2.379	2.058		2.197
	Grade		2014+25.00	HB45	1554.24	72.27	-2.00%	0.00	1555.69	0.00	-2.00%	0.00	1555.69	HB45	0.0060	4.6314	0.0000	2.131	2.164	**Left**	HB45	12.00	0.00	4.50	3.91	8.41	18.000	**OK**	0.742	0.895	2.713	2.418		2.164
	Grade		2014+30.00	HB45	1554.26	72.26	-2.00%	0.00	1555.71	0.00	-2.00%	0.00	1555.71	HB45	0.0040	4.6231	0.0000	2.098	2.131	**Left**	HB45	12.00	0.00	4.50	4.74	9.24	18.000	**OK**	0.817	1.042	2.356	2.046		2.131
	Grade		2014+35.00	HB45	1554.29	72.26	-2.00%	0.00	1555.74	0.00	-2.00%	0.00	1555.74	HB45	0.0060	4.6148	0.0000	2.065	2.098	**Left**	HB45	12.00	0.00	4.50	3.78	8.28	18.000	**OK**	0.730	0.873	2.684	2.404		2.098
	Grade		2014+40.00	HB45	1554.31	72.26	-2.00%	0.00	1555.76	0.00	-2.00%	0.00	1555.76	HB45	0.0040	4.6065	0.0000	2.032	2.065	**Left**	HB45	12.00	0.00	4.50	4.60	9.10	18.000	**OK**	0.804	1.015	2.331	2.034		2.065
	Grade		2014+45.00	HB45	1554.34	72.25	-2.00%	0.00	1555.79	0.00	-2.00%	0.00	1555.79	HB45	0.0060	4.5982	0.0000	1.998	2.032	**Left**	HB45	12.00	0.00	4.50	3.64	8.14	18.000	**OK**	0.718	0.850	2.656	2.389		2.032
	Grade		2014+50.00	HB45	1554.37	72.25	-2.00%	0.00	1555.81	0.00	-2.00%	0.00	1555.81	HB45	0.0040	4.5899	0.0000	1.965	1.998	**Left**	HB45	12.00	0.00	4.50	4.45	8.95	18.000	**OK**	0.791	0.989	2.307	2.021		1.998
	Grade		2014+55.00	HB45	1554.40	72.25	-2.00%	0.00	1555.84	0.00	-2.00%	0.00	1555.84	HB45	0.0060	4.5816	0.0000	1.932	1.965	**Left**	HB45	12.00	0.00	4.50	3.50	8.00	18.000	**OK**	0.705	0.828	2.626	2.374		1.965
	Grade		2014+60.00	HB45	1554.42	72.24	-2.00%	0.00	1555.86	0.00	-2.00%	0.00	1555.86	HB45	0.0040	4.5733	0.0000	1.899	1.932	**Left**	HB45	12.00	0.00	4.50	4.30	8.80	18.000	**OK**	0.777	0.962	2.281	2.009		1.932
	Grade		2014+65.00	HB45	1554.45	72.24	-2.00%	0.00	1555.89	0.00	-2.00%	0.00	1555.89	HB45	0.0060	4.5650	0.0000	1.866	1.899	**Left**	HB45	12.00	0.00	4.50	3.36	7.86	18.000	**OK**	0.693	0.805	2.596	2.358		1.899
	Grade		2014+70.00	HB45	1554.47	72.24	-2.00%	0.00	1555.91	0.00	-2.00%	0.00	1555.91	HB45	0.0040	4.5568	0.0000	1.832	1.866	**Left**	HB45	12.00	0.00	4.50	4.15	8.65	18.000	**OK**	0.763	0.935	2.255	1.995		1.866
	Grade		2014+75.00	HB45	1554.50	72.23	-2.00%	0.00	1555.94	0.00	-2.00%	0.00	1555.94	HB45	0.0060	4.5485	0.0000	1.799	1.833	**Left**	HB45	12.00	0.00	4.50	3.22	7.72	18.000	**OK**	0.679	0.783	2.565	2.341		1.833
	Grade		2014+80.00	HB45	1554.52	72.23	-2.00%	0.00	1555.96	0.00	-2.00%	0.00	1555.96	HB45	0.0040	4.5402	0.0000	1.766	1.799	**Left**	HB45	12.00	0.00	4.50	3.99	8.49	18.000	**OK**	0.749	0.908	2.228	1.982		1.799
	Grade		2014+85.00	HB45	1554.55	72.23	-2.00%	0.00	1555.99	0.00	-2.00%	0.00	1555.99	HB45	0.0060	4.5319	0.0000	1.733	1.766	**Left**	HB45	12.00	0.00	4.50	3.07	7.57	18.000	**OK**	0.666	0.760	2.533	2.324		1.766
	Grade		2014+90.00	HB45	1554.57	72.22	-2.00%	0.00	1556.01	0.00	-2.00%	0.00	1556.01	HB45	0.0040	4.5236	0.0000	1.700	1.733	**Left**	HB45	12.00	0.00	4.50	3.83	8.33	18.000	**OK**	0.734	0.881	2.200	1.967		1.733
	Grade		2014+95.00	HB45	1554.60	72.22	-2.00%	0.00	1556.04	0.00	-2.00%	0.00	1556.04	HB45	0.0060	4.5153	0.0000	1.667	1.700	**Left**	HB45	12.00	0.00	4.50	2.92	7.42	18.000	**OK**	0.652	0.737	2.500	2.305		1.700

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2015+00.00	HB45	1554.62	72.21	-2.00%	0.00	1556.06	0.00	-2.00%	0.00	1556.06	HB45	0.0040	4.5070	0.0000	1.634	1.667	**Left**	HB45	12.00	0.00	4.50	3.66	8.16	18.000	**OK**	0.720	0.854	2.172	1.952		1.667
	Grade		2015+05.00	HB45	1554.65	72.21	-2.00%	0.00	1556.09	0.00	-2.00%	0.00	1556.09	HB45	0.0060	4.4987	0.0000	1.600	1.634	**Left**	HB45	12.00	0.00	4.50	2.76	7.26	18.000	**OK**	0.638	0.714	2.465	2.286		1.634
	Grade		2015+10.00	HB45	1554.67	72.21	-2.00%	0.00	1556.11	0.00	-2.00%	0.00	1556.11	HB45	0.0040	4.4904	0.0000	1.567	1.600	**Left**	HB45	12.00	0.00	4.50	3.49	7.99	18.000	**OK**	0.704	0.826	2.142	1.937		1.600
	Grade		2015+15.00	HB45	1554.70	72.20	-2.00%	0.00	1556.14	0.00	-2.00%	0.00	1556.14	HB45	0.0060	4.4821	0.0000	1.534	1.567	**Left**	HB45	12.00	0.00	4.50	2.60	7.10	18.000	**OK**	0.624	0.691	2.430	2.267		1.567
	Grade		2015+20.00	HB45	1554.72	72.20	-2.00%	0.00	1556.16	0.00	-2.00%	0.00	1556.16	HB45	0.0040	4.4739	0.0000	1.501	1.534	**Left**	HB45	12.00	0.00	4.50	3.32	7.82	18.000	**OK**	0.689	0.799	2.112	1.921		1.534
	Grade		2015+25.00	HB45	1554.75	72.20	-2.00%	0.00	1556.19	0.00	-2.00%	0.00	1556.19	HB45	0.0060	4.4656	0.0000	1.468	1.501	**Left**	HB45	12.00	0.00	4.50	2.43	6.93	18.000	**OK**	0.609	0.668	2.394	2.246		1.501
	Grade		2015+30.00	HB45	1554.77	72.19	-2.00%	0.00	1556.21	0.00	-2.00%	0.00	1556.21	HB45	0.0040	4.4573	0.0000	1.434	1.468	**Left**	HB45	12.00	0.00	4.50	3.14	7.64	18.000	**OK**	0.672	0.771	2.080	1.904		1.468
	Grade		2015+35.00	HB45	1554.80	72.19	-2.00%	0.00	1556.24	0.00	-2.00%	0.00	1556.24	HB45	0.0060	4.4490	0.0000	1.401	1.434	**Left**	HB45	12.00	0.00	4.50	2.26	6.76	18.000	**OK**	0.594	0.645	2.356	2.224		1.434
	Grade		2015+40.00	HB45	1554.82	72.19	-2.00%	0.00	1556.26	0.00	-2.00%	0.00	1556.26	HB45	0.0040	4.4407	0.0000	1.368	1.401	**Left**	HB45	12.00	0.00	4.50	2.95	7.45	18.000	**OK**	0.656	0.743	2.047	1.886		1.401
	Grade		2015+45.00	HB45	1554.85	72.18	-2.00%	0.00	1556.29	0.00	-2.00%	0.00	1556.29	HB45	0.0060	4.4324	0.0000	1.335	1.368	**Left**	HB45	12.00	0.00	4.50	2.09	6.59	18.000	**OK**	0.578	0.622	2.317	2.200		1.368
	Grade		2015+50.00	HB45	1554.87	72.18	-2.00%	0.00	1556.31	0.00	-2.00%	0.00	1556.31	HB45	0.0040	4.4241	0.0000	1.302	1.335	**Left**	HB45	12.00	0.00	4.50	2.76	7.26	18.000	**OK**	0.639	0.715	2.013	1.867		1.335
	Grade		2015+55.00	HB45	1554.90	72.18	-2.00%	0.00	1556.34	0.00	-2.00%	0.00	1556.34	HB45	0.0060	4.4159	0.0000	1.268	1.302	**Left**	HB45	12.00	0.00	4.50	1.91	6.41	18.000	**OK**	0.562	0.598	2.276	2.175		1.302
	Grade		2015+60.00	HB45	1554.92	72.17	-2.00%	0.00	1556.36	0.00	-2.00%	0.00	1556.36	HB45	0.0040	4.4076	0.0000	1.235	1.268	**Left**	HB45	12.00	0.00	4.50	2.56	7.06	18.000	**OK**	0.621	0.687	1.978	1.847		1.268
	Grade		2015+65.00	HB45	1554.95	72.17	-2.00%	0.00	1556.39	0.00	-2.00%	0.00	1556.39	HB45	0.0060	4.3993	0.0000	1.202	1.235	**Left**	HB45	12.00	0.00	4.50	1.72	6.22	18.000	**OK**	0.545	0.575	2.234	2.149		1.235
	Grade		2015+70.00	HB45	1554.97	72.16	-2.00%	0.00	1556.41	0.00	-2.00%	0.00	1556.41	HB45	0.0040	4.3910	0.0000	1.169	1.202	**Left**	HB45	12.00	0.00	4.50	2.36	6.86	18.000	**OK**	0.603	0.658	1.941	1.826		1.202
	Grade		2015+75.00	HB45	1555.00	72.16	-2.00%	0.00	1556.44	0.00	-2.00%	0.00	1556.44	HB45	0.0060	4.3827	0.0000	1.136	1.169	**Left**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.528	0.551	2.191	2.120		1.169
	Grade		2015+80.00	HB45	1555.02	72.16	-2.00%	0.00	1556.46	0.00	-2.00%	0.00	1556.46	HB45	0.0040	4.3744	0.0000	1.102	1.136	**Left**	HB45	12.00	0.00	4.50	2.15	6.65	18.000	**OK**	0.584	0.630	1.903	1.803		1.136
	Grade		2015+85.00	HB45	1555.05	72.15	-2.00%	0.00	1556.49	0.00	-2.00%	0.00	1556.49	HB45	0.0060	4.3661	0.0000	1.069	1.102	**Left**	HB45	12.00	0.00	4.50	1.33	5.83	18.000	**OK**	0.510	0.528	2.145	2.089		1.102
	Grade		2015+90.00	HB45	1555.07	72.15	-2.00%	0.00	1556.51	0.00	-2.00%	0.00	1556.51	HB45	0.0040	4.3579	0.0000	1.036	1.069	**Left**	HB45	12.00	0.00	4.50	1.93	6.43	18.000	**OK**	0.564	0.601	1.863	1.779		1.069
	Grade		2015+95.00	HB45	1555.10	72.15	-2.00%	0.00	1556.54	0.00	-2.00%	0.00	1556.54	HB45	0.0060	4.3496	0.0000	1.003	1.036	**Left**	HB45	12.00	0.00	4.50	1.13	5.63	18.000	**OK**	0.491	0.504	2.097	2.055		1.036
	Grade		2016+00.00	HB45	1555.12	72.14	-2.00%	0.00	1556.56	0.00	-2.00%	0.00	1556.56	HB45	0.0040	4.3413	0.0000	0.970	1.003	**Left**	HB45	12.00	0.00	4.50	1.70	6.20	18.000	**OK**	0.543	0.572	1.821	1.752		1.003
	Grade		2016+05.00	HB45	1555.15	72.14	-2.00%	0.00	1556.59	0.00	-2.00%	0.00	1556.59	HB45	0.0060	4.3330	0.0000	0.936	0.970	**Left**	HB45	12.00	0.00	4.50	0.91	5.41	18.000	**OK**	0.472	0.480	2.047	2.018		0.970
	Grade		2016+10.00	HB45	1555.17	72.14	-2.00%	0.00	1556.61	0.00	-2.00%	0.00	1556.61	HB45	0.0040	4.3247	0.0000	0.903	0.936	**Left**	HB45	12.00	0.00	4.50	1.47	5.97	18.000	**OK**	0.522	0.544	1.776	1.723		0.936
	Grade		2016+15.00	HB45	1555.20	72.13	-2.00%	0.00	1556.64	0.00	-2.00%	0.00	1556.64	HB45	0.0060	4.3165	0.0000	0.870	0.903	**Left**	HB45	12.00	0.00	4.50	0.69	5.19	18.000	**OK**	0.452	0.457	1.995	1.977		0.903
	Grade		2016+20.00	HB45	1555.22	72.13	-2.00%	0.00	1556.66	0.00	-2.00%	0.00	1556.66	HB45	0.0040	4.3082	0.0000	0.837	0.870	**Left**	HB45	12.00	0.00	4.50	1.22	5.72	18.000	**OK**	0.500	0.515	1.730	1.691		0.870
	Grade		2016+25.00	HB45	1555.25	72.13	-2.00%	0.00	1556.69	0.00	-2.00%	0.00	1556.69	HB45	0.0060	4.2999	0.0000	0.804	0.837	**Left**	HB45	12.00	0.00	4.50	0.46	4.96	18.000	**OK**	0.431	0.433	1.940	1.932		0.837
	Grade		2016+30.00	HB45	1555.27	72.12	-2.00%	0.00	1556.71	0.00	-2.00%	0.00	1556.71	HB45	0.0040	4.2916	0.0000	0.771	0.804	**Left**	HB45	12.00	0.00	4.50	0.96	5.46	18.000	**OK**	0.477	0.486	1.681	1.655		0.804
	Grade		2016+35.00	HB45	1555.30	72.12	-2.00%	0.00	1556.74	0.00	-2.00%	0.00	1556.74	HB45	0.0060	4.2833	0.0000	0.737	0.771	**Left**	HB45	12.00	0.00	4.50	0.22	4.72	18.000	**OK**	0.409	0.410	1.882	1.880		0.771
	Grade		2016+40.00	HB45	1555.32	72.11	-2.00%	0.00	1556.76	0.00	-2.00%	0.00	1556.76	HB45	0.0040	4.2751	0.0000	0.704	0.737	**Left**	HB45	12.00	0.00	4.50	0.69	5.19	18.000	**OK**	0.452	0.457	1.629	1.614		0.737
	Grade		2016+45.00	HB45	1555.35	72.11	-2.00%	0.00	1556.79	0.00	-2.00%	0.00	1556.79	HB45	0.0060	4.2668	0.0000	0.671	0.704	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.387	0.387	1.821	1.821		0.704
	Grade		2016+50.00	HB45	1555.37	72.11	-2.00%	0.00	1556.81	0.00	-2.00%	0.00	1556.81	HB45	0.0040	4.2585	0.0000	0.638	0.671	**Left**	HB45	12.00	0.00	4.50	0.40	4.90	18.000	**OK**	0.426	0.428	1.573	1.568		0.671
	Grade		2016+55.00	HB45	1555.40	72.10	-2.00%	0.00	1556.84	0.00	-2.00%	0.00	1556.84	HB45	0.0060	4.2502	0.0000	0.605	0.638	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.363	0.363	1.758	1.758		0.638
	Grade		2016+60.00	HB45	1555.42	72.10	-2.00%	0.00	1556.86	0.00	-2.00%	0.00	1556.86	HB45	0.0040	4.2420	0.0000	0.572	0.605	**Left**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.399	0.399	1.515	1.514		0.605
	Grade		2016+65.00	HB45	1555.45	72.10	-2.00%	0.00	1556.89	0.00	-2.00%	0.00	1556.89	HB45	0.0060	4.2337	0.0000	0.538	0.572	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.338	0.338	1.691	1.691		0.572
	Grade		2016+70.00	HB45	1555.47	72.09	-2.00%	0.00	1556.91	0.00	-2.00%	0.00	1556.91	HB45	0.0040	4.2254	0.0000	0.505	0.538	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.371	0.371	1.452	1.452		0.538
	Grade		2016+75.00	HB45	1555.50	72.09	-2.00%	0.00	1556.94	0.00	-2.00%	0.00	1556.94	HB45	0.0060	4.2171	0.0000	0.472	0.505	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.312	0.312	1.620	1.620		0.505
	Grade		2016+80.00	HB45	1555.52	72.09	-2.00%	0.00	1556.96	0.00	-2.00%	0.00	1556.96	HB45	0.0040	4.2089	0.0000	0.439	0.472	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	1.386	1.386		0.472
	Grade		2016+85.00	HB45	1555.55	72.08	-2.00%	0.00	1556.99	0.00	-2.00%	0.00	1556.99	HB45	0.0060	4.2006	0.0000	0.406	0.439	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	1.545	1.545		0.439
	Grade		2016+90.00	HB45	1555.57	72.08	-2.00%	0.00	1557.01	0.00	-2.00%	0.00	1557.01	HB45	0.0040	4.1923	0.0000	0.373	0.406	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.309	0.309	1.315	1.315		0.406
	Grade		2016+95.00	HB45	1555.60	72.08	-2.00%	0.00	1557.04	0.00	-2.00%	0.00	1557.04	HB45	0.0060	4.1840	0.0000	0.340	0.373	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.254	0.254	1.466	1.466		0.373
	Grade	3	2017+00.00	HB45	1555.62	72.07	-2.00%	0.00	1557.06	0.00	-2.00%	0.00	1557.06	HB45	0.0040	4.1758	0.0000	2.504	2.537	**Left**	HB45	12.00	0.00	4.50	5.57	10.07	18.000	**OK**	0.891	1.201	2.492	2.113	3	2.537
	Grade		2017+05.00	HB45	1555.65	72.07	-2.00%	0.00	1557.09	0.00	-2.00%	0.00	1557.09	HB45	0.0060	4.1675	0.0000	2.471	2.504	**Left**	HB45	12.00	0.00	4.50	4.55	9.05	18.000	**OK**	0.800	1.007	2.846	2.486		2.504
	Grade		2017+10.00	HB45	1555.67	72.06	-2.00%	0.00	1557.11	0.00	-2.00%	0.00	1557.11	HB45	0.0040	4.1592	0.0000	2.438	2.471	**Left**	HB45	12.00	0.00	4.50	5.44	9.94	18.000	**OK**	0.879	1.175	2.471	2.103		2.471
	Grade		2017+15.00	HB45	1555.70	72.06	-2.00%	0.00	1557.14	0.00	-2.00%	0.00	1557.14	HB45	0.0060	4.1509	0.0000	2.405	2.438	**Left**	HB45	12.00	0.00	4.50	4.43	8.93	18.000	**OK**	0.789	0.985	2.821	2.474		2.438
	Grade		2017+20.00	HB45	1555.72	72.06	-2.00%	0.00	1557.16	0.00	-2.00%	0.00	1557.16	HB45	0.0040	4.1427	0.0000	2.372	2.405	**Left**	HB45	12.00	0.00	4.50	5.31	9.81	18.000	**OK**	0.868	1.149	2.449	2.092		2.405
	Grade		2017+25.00	HB45	1555.75	72.05	-2.00%	0.00	1557.19	0.00	-2.00%	0.00	1557.19	HB45	0.0060	4.1344	0.0000	2.339	2.372	**Left**	HB45	12.00	0.00	4.50	4.31	8.81	18.000	**OK**	0.778	0.964	2.796	2.461		2.372
	Grade		2017+30.00	HB45	1555.77	72.05	-2.00%	0.00	1557.21	0.00	-2.00%	0.00	1557.21	HB45	0.0040	4.1261	0.0000	2.305	2.339	**Left**	HB45	12.00	0.00	4.50	5.17	9.67	18.000	**OK**	0.856	1.124	2.427	2.082		2.339
	Grade		2017+35.00	HB45	1555.80	72.05	-2.00%	0.00	1557.24	0.00	-2.00%	0.00	1557.24	HB45	0.0060	4.1179	0.0000	2.272	2.306	**Left**	HB45	12.00	0.00	4.50	4.19	8.69	18.000	**OK**	0.767	0.942	2.770	2.448		2.306
	Grade		2017+40.00	HB45	1555.82	72.04	-2.00%	0.00	1557.26	0.00	-2.00%	0.00	1557.26	HB45	0.0040	4.1096	0.0000	2.239	2.272	**Left**	HB45	12.00	0.00	4.50	5.04	9.54	18.000	**OK**	0.844	1.098	2.405	2.070		2.272
	Grade		2017+45.00	HB45	1555.85	72.04	-2.00%	0.00	1557.29	0.00	-2.00%	0.00	1557.29	HB45	0.0060	4.1013	0.0000	2.206	2.239	**Left**	HB45	12.00	0.00	4.50	4.06	8.56	18.000	**OK**	0.755	0.920	2.743	2.434		2.239
	Grade		2017+50.00	HB45	1555.87	72.04	-2.00%	0.00	1557.31	0.00	-2.00%	0.00	1557.31	HB45	0.0040	4.0930	0.0000	2.173	2.206	**Left**	HB45	12.00	0.00	4.50	4.90	9.40	18.000	**OK**	0.831	1.071	2.382	2.059		2.206
	Grade		2017+55.00	HB45	1555.90	72.03	-2.00%	0.00	1557.34	0.00	-2.00%	0.00	1557.34	HB45	0.0060	4.0848	0.0000	2.140	2.173	**Left**	HB45	12.00	0.00	4.50	3.93	8.43	18.000	**OK**	0.744	0.898	2.716	2.420		2.173
	Grade		2017+60.00	HB45	1555.92	72.03	-2.00%	0.00	1557.36	0.00	-2.00%	0.00	1557.36	HB45	0.0040	4.0765	0.0000	2.107	2.140	**Left**	HB45	12.00	0.00	4.50	4.76	9.26	18.000	**OK**	0.819	1.045	2.359	2.048		2.140
	Grade		2017+65.00	HB45	1555.95	72.03	-2.00%	0.00	1557.39	0.00	-2.00%	0.00	1557.39	HB45	0.0060	4.0682	0.0000	2.074	2.107	**Left**	HB45	12.00	0.00	4.50	3.80	8.30	18.000	**OK**	0.732	0.876	2.688	2.406		2.107
	Grade		2017+70.00	HB45	1555.97	72.02	-2.00%	0.00	1557.41	0.00	-2.00%	0.00	1557.41	HB45	0.0040	4.0600	0.0000	2.041	2.074	**Left**	HB45	12.00	0.00	4.50	4.62	9.12	18.000	**OK**	0.806	1.019	2.335	2.036		2.074
	Grade		2017+75.00	HB45	1556.00	72.02	-2.00%	0.00	1557.44	0.00	-2.00%	0.00	1557.44	HB45	0.0060	4.0517	0.0000	2.008	2.041	**Left**	HB45	12.00	0.00	4.50	3.66	8.16	18.000	**OK**	0.720	0.854	2.660	2.391		2.041
	Grade		2017+80.00	HB45	1556.02	72.01	-2.00%	0.00	1557.46	0.00	-2.00%	0.00	1557.46	HB45	0.0040	4.0434	0.0000	1.975	2.008	**Left**	HB45	12.00	0.00	4.50	4.47	8.97	18.000	**OK**	0.792	0.992	2.310	2.023		2.008
	Grade		2017+85.00	HB45	1556.05	72.01	-2.00%	0.00	1557.49	0.00	-2.00%	0.00	1557.49	HB45	0.0060	4.0352	0.0000	1.942	1.975	**Left**	HB45	12.00	0.00	4.50	3.52	8.02	18.000	**OK**	0.707	0.831	2.630	2.376		1.975
	Grade		2017+90.00	HB45	1556.07	72.01	-2.00%	0.00	1557.51	0.00	-2.00%	0.00	1557.51	HB45	0.0040	4.0269	0.0000	1.909	1.942	**Left**	HB45	12.00	0.00	4.50	4.32	8.82	18.000	**OK**	0.779	0.966	2.285	2.010		1.942
	Grade		2017+95.00	HB45	1556.10	72.00	-2.00%	0.00	1557.54	0.00	-2.00%	0.00	1557.54	HB45	0.0060	4.0186	0.0000	1.876	1.909	**Left**	HB45	12.00	0.00	4.50	3.38	7.88	18.000	**OK**	0.694	0.809	2.600	2.360		1.909
	Grade		2018+00.00	HB45	1556.12	72.00	-2.00%	0.00	1557.56	0.00	-2.00%	0.00	1557.56	HB45	0.0040	4.0104	0.0000	1.843	1.876	**Left**	HB45	12.00	0.00	4.50	4.17	8.67	18.000	**OK**	0.765	0.939	2.259	1.997		1.876
	Grade		2018+05.00	HB45	1556.15	71.99	-2.00%	0.00	1557.59	0.00	-2.00%	0.00	1557.59	HB45	0.0060	4.0021	0.0000	1.809	1.843	**Left**	HB45	12.00	0.00	4.50	3.24	7.74	18.000	**OK**	0.681	0.786	2.569	2.343		1.843
	Grade		2018+10.00	HB45	1556.17	71.98	-2.00%	0.00	1557.61	0.00	-2.00%	0.00	1557.61	HB45	0.0040	3.9939	0.0000	1.776	1.809	**Left**	HB45	12.00	0.00	4.50	4.01	8.51	18.000	**OK**	0.751	0.912	2.232	1.984		1.809
	Grade		2018+15.00	HB45	1556.20	71.97	-2.00%	0.00	1557.64	0.00	-2.00%	0.00	1557.64	HB45	0.0060	3.9856	0.0000	1.743	1.776	**Left**	HB45	12.00	0.00	4.50	3.09	7.59	18.000	**OK**	0.668	0.764	2.537	2.326		1.776
	Grade		2018+20.00	HB45	1556.22	71.96	-2.00%	0.00	1557.66	0.00	-2.00%	0.00	1557.66	HB45	0.0040	3.9773	0.0000	1.710	1.743	**Left**	HB45	12.00	0.00	4.50	3.85	8.35	18.000	**OK**	0.737	0.885	2.205	1.969		1.743
	Grade		2018+25.00	HB45	1556.25	71.96	-2.00%	0.00	1557.69	0.00	-2.00%	0.00	1557.69	HB45	0.0060	3.9691	0.0000	1.677	1.710	**Left**	HB45	12.00	0.00	4.50	2.94	7.44	18.000	**OK**	0.655	0.741	2.505	2.308		1.710
	Grade		2018+30.00	HB45	1556.27	71.95	-2.00%	0.00	1557.71	0.00	-2.00%	0.00	1557.71	HB45	0.0040	3.9608	0.0000	1.644	1.677	**Left**	HB45	12.00	0.00	4.50	3.69	8.19	18.000	**OK**	0.722	0.858	2.176	1.955		1.677
	Grade		2018+35.00	HB45	1556.30	71.94	-2.00%	0.00	1557.74	0.00	-2.00%	0.00	1557.74	HB45	0.0060	3.9525	0.0000	1.611	1.644	**Left**	HB45	12.00	0.00	4.50	2.78	7.28	18.000	**OK**	0.641	0.718	2.471	2.289		1.644
	Grade		2018+40.00	HB45	1556.32	71.93	-2.00%	0.00	1557.76	0.00	-2.00%	0.00	1557.76	HB45	0.0040	3.9443	0.0000	1.578	1.611	**Left**	HB45	12.00	0.00	4.50	3.52	8.02	18.000	**OK**	0.707	0.831	2.147	1.939		1.611
	Grade		2018+45.00	HB45	1556.35	71.92	-2.00%	0.00	1557.79	0.00	-2.00%	0.00	1557.79	HB45	0.0060	3.9360	0.0000	1.545	1.578	**Left**	HB45	12.00	0.00	4.50	2.62	7.12	18.000	**OK**	0.626	0.695	2.436	2.270		1.578
	Grade		2018+50.00	HB45	1556.37	71.91	-2.00%	0.00	1557.81	0.00	-2.00%	0.00	1557.81	HB45	0.0040	3.9278	0.0000	1.512	1.545	**Left**	HB45	12.00	0.00	4.50	3.35	7.85	18.000	**OK**	0.691	0.803	2.117	1.923		1.545

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2018+55.00	HB45	1556.40	71.90	-2.00%	0.00	1557.84	0.00	-2.00%	0.00	1557.84	HB45	0.0060	3.9195	0.0000	1.478	1.512	**Left**	HB45	12.00	0.00	4.50	2.46	6.96	18.000	**OK**	0.612	0.672	2.400	2.249		1.512
	Grade		2018+60.00	HB45	1556.42	71.89	-2.00%	0.00	1557.86	0.00	-2.00%	0.00	1557.86	HB45	0.0040	3.9113	0.0000	1.445	1.478	**Left**	HB45	12.00	0.00	4.50	3.17	7.67	18.000	**OK**	0.675	0.775	2.085	1.907		1.478
	Grade		2018+65.00	HB45	1556.45	71.88	-2.00%	0.00	1557.89	0.00	-2.00%	0.00	1557.89	HB45	0.0060	3.9030	0.0000	1.412	1.445	**Left**	HB45	12.00	0.00	4.50	2.29	6.79	18.000	**OK**	0.596	0.649	2.362	2.227		1.445
	Grade		2018+70.00	HB45	1556.47	71.88	-2.00%	0.00	1557.91	0.00	-2.00%	0.00	1557.91	HB45	0.0040	3.8948	0.0000	1.379	1.412	**Left**	HB45	12.00	0.00	4.50	2.98	7.48	18.000	**OK**	0.659	0.748	2.053	1.889		1.412
	Grade		2018+75.00	HB45	1556.50	71.87	-2.00%	0.00	1557.94	0.00	-2.00%	0.00	1557.94	HB45	0.0060	3.8865	0.0000	1.346	1.379	**Left**	HB45	12.00	0.00	4.50	2.12	6.62	18.000	**OK**	0.581	0.626	2.324	2.204		1.379
	Grade		2018+80.00	HB45	1556.52	71.86	-2.00%	0.00	1557.96	0.00	-2.00%	0.00	1557.96	HB45	0.0040	3.8783	0.0000	1.313	1.346	**Left**	HB45	12.00	0.00	4.50	2.80	7.30	18.000	**OK**	0.642	0.720	2.019	1.870		1.346
	Grade		2018+85.00	HB45	1556.55	71.85	-2.00%	0.00	1557.99	0.00	-2.00%	0.00	1557.99	HB45	0.0060	3.8700	0.0000	1.280	1.313	**Left**	HB45	12.00	0.00	4.50	1.94	6.44	18.000	**OK**	0.565	0.602	2.284	2.180		1.313
	Grade		2018+90.00	HB45	1556.57	71.84	-2.00%	0.00	1558.01	0.00	-2.00%	0.00	1558.01	HB45	0.0040	3.8618	0.0000	1.247	1.280	**Left**	HB45	12.00	0.00	4.50	2.60	7.10	18.000	**OK**	0.624	0.692	1.984	1.851		1.280
	Grade		2018+95.00	HB45	1556.60	71.83	-2.00%	0.00	1558.04	0.00	-2.00%	0.00	1558.04	HB45	0.0060	3.8535	0.0000	1.214	1.247	**Left**	HB45	12.00	0.00	4.50	1.76	6.26	18.000	**OK**	0.548	0.579	2.242	2.153		1.247
	Grade		2019+00.00	HB45	1556.62	71.82	-2.00%	0.00	1558.06	0.00	-2.00%	0.00	1558.06	HB45	0.0040	3.8453	0.0000	1.181	1.214	**Left**	HB45	12.00	0.00	4.50	2.40	6.90	18.000	**OK**	0.606	0.663	1.948	1.830		1.214
	Grade		2019+05.00	HB45	1556.65	71.81	-2.00%	0.00	1558.09	0.00	-2.00%	0.00	1558.09	HB45	0.0060	3.8370	0.0000	1.148	1.181	**Left**	HB45	12.00	0.00	4.50	1.57	6.07	18.000	**OK**	0.531	0.556	2.199	2.125		1.181
	Grade		2019+10.00	HB45	1556.67	71.80	-2.00%	0.00	1558.11	0.00	-2.00%	0.00	1558.11	HB45	0.0040	3.8288	0.0000	1.115	1.148	**Left**	HB45	12.00	0.00	4.50	2.19	6.69	18.000	**OK**	0.587	0.635	1.910	1.807		1.148
	Grade		2019+15.00	HB45	1556.70	71.80	-2.00%	0.00	1558.14	0.00	-2.00%	0.00	1558.14	HB45	0.0060	3.8205	0.0000	1.082	1.115	**Left**	HB45	12.00	0.00	4.50	1.37	5.87	18.000	**OK**	0.513	0.532	2.154	2.095		1.115
	Grade		2019+20.00	HB45	1556.72	71.79	-2.00%	0.00	1558.16	0.00	-2.00%	0.00	1558.16	HB45	0.0040	3.8123	0.0000	1.049	1.082	**Left**	HB45	12.00	0.00	4.50	1.97	6.47	18.000	**OK**	0.568	0.607	1.871	1.783		1.082
	Grade		2019+25.00	HB45	1556.75	71.78	-2.00%	0.00	1558.19	0.00	-2.00%	0.00	1558.19	HB45	0.0060	3.8041	0.0000	1.016	1.049	**Left**	HB45	12.00	0.00	4.50	1.17	5.67	18.000	**OK**	0.495	0.509	2.106	2.062		1.049
	Grade		2019+30.00	HB45	1556.77	71.77	-2.00%	0.00	1558.21	0.00	-2.00%	0.00	1558.21	HB45	0.0040	3.7958	0.0000	0.983	1.016	**Left**	HB45	12.00	0.00	4.50	1.75	6.25	18.000	**OK**	0.547	0.578	1.829	1.757		1.016
	Grade		2019+35.00	HB45	1556.80	71.76	-2.00%	0.00	1558.24	0.00	-2.00%	0.00	1558.24	HB45	0.0060	3.7876	0.0000	0.950	0.983	**Left**	HB45	12.00	0.00	4.50	0.96	5.46	18.000	**OK**	0.476	0.485	2.057	2.026		0.983
	Grade		2019+40.00	HB45	1556.82	71.75	-2.00%	0.00	1558.26	0.00	-2.00%	0.00	1558.26	HB45	0.0040	3.7793	0.0000	0.917	0.950	**Left**	HB45	12.00	0.00	4.50	1.52	6.02	18.000	**OK**	0.526	0.549	1.785	1.729		0.950
	Grade		2019+45.00	HB45	1556.86	71.74	-2.00%	0.00	1558.29	0.00	-2.00%	0.00	1558.29	HB45	0.0060	3.7711	0.0000	0.884	0.917	**Left**	HB45	12.00	0.00	4.50	0.74	5.24	18.000	**OK**	0.456	0.462	2.006	1.986		0.917
	Grade		2019+50.00	HB45	1556.88	71.73	-2.00%	0.00	1558.31	0.00	-2.00%	0.00	1558.31	HB45	0.0040	3.7629	0.0000	0.851	0.884	**Left**	HB45	12.00	0.00	4.50	1.27	5.77	18.000	**OK**	0.504	0.521	1.740	1.698		0.884
	Grade		2019+55.00	HB45	1556.91	71.72	-2.00%	0.00	1558.34	0.00	-2.00%	0.00	1558.34	HB45	0.0060	3.7546	0.0000	0.818	0.851	**Left**	HB45	12.00	0.00	4.50	0.51	5.01	18.000	**OK**	0.436	0.438	1.951	1.941		0.851
	Grade		2019+60.00	HB45	1556.93	71.72	-2.00%	0.00	1558.36	0.00	-2.00%	0.00	1558.36	HB45	0.0040	3.7464	0.0000	0.785	0.818	**Left**	HB45	12.00	0.00	4.50	1.02	5.52	18.000	**OK**	0.481	0.492	1.691	1.663		0.818
	Grade		2019+65.00	HB45	1556.96	71.71	-2.00%	0.00	1558.39	0.00	-2.00%	0.00	1558.39	HB45	0.0060	3.7382	0.0000	0.752	0.785	**Left**	HB45	12.00	0.00	4.50	0.27	4.77	18.000	**OK**	0.414	0.415	1.895	1.892		0.785
	Grade		2019+70.00	HB45	1556.98	71.70	-2.00%	0.00	1558.41	0.00	-2.00%	0.00	1558.41	HB45	0.0040	3.7299	0.0000	0.719	0.752	**Left**	HB45	12.00	0.00	4.50	0.75	5.25	18.000	**OK**	0.457	0.463	1.640	1.623		0.752
	Grade		2019+75.00	HB45	1557.01	71.69	-2.00%	0.00	1558.44	0.00	-2.00%	0.00	1558.44	HB45	0.0060	3.7217	0.0000	0.686	0.719	**Left**	HB45	12.00	0.00	4.50	0.02	4.52	18.000	**OK**	0.392	0.392	1.835	1.835		0.719
	Grade		2019+80.00	HB45	1557.03	71.68	-2.00%	0.00	1558.46	0.00	-2.00%	0.00	1558.46	HB45	0.0040	3.7135	0.0000	0.653	0.686	**Left**	HB45	12.00	0.00	4.50	0.47	4.97	18.000	**OK**	0.432	0.434	1.586	1.579		0.686
	Grade		2019+85.00	HB45	1557.06	71.67	-2.00%	0.00	1558.49	0.00	-2.00%	0.00	1558.49	HB45	0.0060	3.7053	0.0000	0.620	0.653	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.368	0.368	1.772	1.772		0.653
	Grade		2019+90.00	HB45	1557.08	71.66	-2.00%	0.00	1558.51	0.00	-2.00%	0.00	1558.51	HB45	0.0040	3.6970	0.0000	0.587	0.620	**Left**	HB45	12.00	0.00	4.50	0.17	4.67	18.000	**OK**	0.406	0.406	1.528	1.527		0.620
	Grade		2019+95.00	HB45	1557.11	71.65	-2.00%	0.00	1558.54	0.00	-2.00%	0.00	1558.54	HB45	0.0060	3.6888	0.0000	0.554	0.587	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.344	0.344	1.706	1.706		0.587
	Grade		2020+00.00	HB45	1557.13	71.65	-2.00%	0.00	1558.56	0.00	-2.00%	0.00	1558.56	HB45	0.0040	3.6806	0.0000	0.521	0.554	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.378	0.378	1.467	1.467		0.554
	Grade		2020+05.00	HB45	1557.16	71.64	-2.00%	0.00	1558.59	0.00	-2.00%	0.00	1558.59	HB45	0.0060	3.6724	0.0000	0.488	0.521	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.318	0.318	1.637	1.637		0.521
	Grade		2020+10.00	HB45	1557.18	71.63	-2.00%	0.00	1558.61	0.00	-2.00%	0.00	1558.61	HB45	0.0040	3.6641	0.0000	0.455	0.488	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.348	0.348	1.402	1.402		0.488
	Grade		2020+15.00	HB45	1557.21	71.62	-2.00%	0.00	1558.64	0.00	-2.00%	0.00	1558.64	HB45	0.0060	3.6559	0.0000	0.422	0.455	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.291	0.291	1.564	1.564		0.455
	Grade		2020+20.00	HB45	1557.23	71.61	-2.00%	0.00	1558.66	0.00	-2.00%	0.00	1558.66	HB45	0.0040	3.6477	0.0000	0.389	0.422	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.317	0.317	1.333	1.333		0.422
	Grade		2020+25.00	HB45	1557.26	71.60	-2.00%	0.00	1558.69	0.00	-2.00%	0.00	1558.69	HB45	0.0060	3.6395	0.0000	0.356	0.389	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.262	0.262	1.486	1.486		0.389
	Grade		2020+30.00	HB45	1557.28	71.59	-2.00%	0.00	1558.71	0.00	-2.00%	0.00	1558.71	HB45	0.0040	3.6312	0.0000	0.323	0.356	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.283	0.283	1.259	1.259		0.356
	Grade		2020+35.00	HB45	1557.31	71.58	-2.00%	0.00	1558.74	0.00	-2.00%	0.00	1558.74	HB45	0.0060	3.6230	0.0000	0.290	0.323	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.230	0.230	1.405	1.405		0.323
	Grade		2020+40.00	HB45	1557.33	71.57	-2.00%	0.00	1558.76	0.00	-2.00%	0.00	1558.76	HB45	0.0040	3.6148	0.0000	0.257	0.290	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.246	0.246	1.180	1.180		0.290
	Grade		2020+45.00	HB45	1557.36	71.57	-2.00%	0.00	1558.79	0.00	-2.00%	0.00	1558.79	HB45	0.0060	3.6066	0.0000	0.225	0.257	**Left**	HB45	12.00	0.00	4.41	0.00	4.41	18.000	**OK**	0.195	0.195	1.323	1.323		0.257
	Grade	3	2020+50.00	HB45	1557.38	71.56	-2.00%	0.00	1558.81	0.00	-2.00%	0.00	1558.81	HB45	0.0040	3.5984	0.0000	2.103	2.136	**Left**	HB45	12.00	0.00	4.50	4.75	9.25	18.000	**OK**	0.818	1.044	2.357	2.047	3	2.136
	Grade		2020+55.00	HB45	1557.41	71.55	-2.00%	0.00	1558.84	0.00	-2.00%	0.00	1558.84	HB45	0.0060	3.5902	0.0000	2.070	2.103	**Left**	HB45	12.00	0.00	4.50	3.79	8.29	18.000	**OK**	0.731	0.874	2.687	2.405		2.103
	Grade		2020+60.00	HB45	1557.43	71.54	-2.00%	0.00	1558.86	0.00	-2.00%	0.00	1558.86	HB45	0.0040	3.5820	0.0000	2.037	2.070	**Left**	HB45	12.00	0.00	4.50	4.61	9.11	18.000	**OK**	0.805	1.017	2.333	2.035		2.070
	Grade		2020+65.00	HB45	1557.46	71.53	-2.00%	0.00	1558.89	0.00	-2.00%	0.00	1558.89	HB45	0.0060	3.5737	0.0000	2.004	2.037	**Left**	HB45	12.00	0.00	4.50	3.65	8.15	18.000	**OK**	0.719	0.852	2.658	2.390		2.037
	Grade		2020+70.00	HB45	1557.48	71.52	-2.00%	0.00	1558.91	0.00	-2.00%	0.00	1558.91	HB45	0.0040	3.5655	0.0000	1.972	2.004	**Left**	HB45	12.00	0.00	4.50	4.46	8.96	18.000	**OK**	0.792	0.991	2.309	2.022		2.004
	Grade		2020+75.00	HB45	1557.51	71.51	-2.00%	0.00	1558.94	0.00	-2.00%	0.00	1558.94	HB45	0.0060	3.5573	0.0000	1.939	1.972	**Left**	HB45	12.00	0.00	4.50	3.52	8.02	18.000	**OK**	0.706	0.830	2.629	2.375		1.972
	Grade		2020+80.00	HB45	1557.53	71.50	-2.00%	0.00	1558.96	0.00	-2.00%	0.00	1558.96	HB45	0.0040	3.5491	0.0000	1.906	1.939	**Left**	HB45	12.00	0.00	4.50	4.32	8.82	18.000	**OK**	0.778	0.965	2.284	2.010		1.939
	Grade		2020+85.00	HB45	1557.56	71.49	-2.00%	0.00	1558.99	0.00	-2.00%	0.00	1558.99	HB45	0.0060	3.5409	0.0000	1.873	1.906	**Left**	HB45	12.00	0.00	4.50	3.38	7.88	18.000	**OK**	0.694	0.808	2.599	2.359		1.906
	Grade		2020+90.00	HB45	1557.58	71.49	-2.00%	0.00	1559.01	0.00	-2.00%	0.00	1559.01	HB45	0.0040	3.5327	0.0000	1.840	1.873	**Left**	HB45	12.00	0.00	4.50	4.16	8.66	18.000	**OK**	0.765	0.938	2.258	1.997		1.873
	Grade		2020+95.00	HB45	1557.61	71.48	-2.00%	0.00	1559.04	0.00	-2.00%	0.00	1559.04	HB45	0.0060	3.5245	0.0000	1.807	1.840	**Left**	HB45	12.00	0.00	4.50	3.23	7.73	18.000	**OK**	0.681	0.785	2.568	2.343		1.840
	Grade		2021+00.00	HB45	1557.63	71.47	-2.00%	0.00	1559.06	0.00	-2.00%	0.00	1559.06	HB45	0.0040	3.5163	0.0000	1.774	1.807	**Left**	HB45	12.00	0.00	4.50	4.01	8.51	18.000	**OK**	0.751	0.911	2.231	1.983		1.807
	Grade		2021+05.00	HB45	1557.66	71.46	-2.00%	0.00	1559.09	0.00	-2.00%	0.00	1559.09	HB45	0.0060	3.5081	0.0000	1.741	1.774	**Left**	HB45	12.00	0.00	4.50	3.09	7.59	18.000	**OK**	0.668	0.763	2.536	2.326		1.774
	Grade		2021+10.00	HB45	1557.68	71.45	-2.00%	0.00	1559.11	0.00	-2.00%	0.00	1559.11	HB45	0.0040	3.4999	0.0000	1.708	1.741	**Left**	HB45	12.00	0.00	4.50	3.85	8.35	18.000	**OK**	0.736	0.884	2.204	1.969		1.741
	Grade		2021+15.00	HB45	1557.71	71.44	-2.00%	0.00	1559.14	0.00	-2.00%	0.00	1559.14	HB45	0.0060	3.4917	0.0000	1.675	1.708	**Left**	HB45	12.00	0.00	4.50	2.93	7.43	18.000	**OK**	0.654	0.740	2.504	2.308		1.708
	Grade		2021+20.00	HB45	1557.73	71.43	-2.00%	0.00	1559.16	0.00	-2.00%	0.00	1559.16	HB45	0.0040	3.4835	0.0000	1.643	1.675	**Left**	HB45	12.00	0.00	4.50	3.68	8.18	18.000	**OK**	0.722	0.857	2.176	1.954		1.675
	Grade		2021+25.00	HB45	1557.76	71.42	-2.00%	0.00	1559.19	0.00	-2.00%	0.00	1559.19	HB45	0.0060	3.4753	0.0000	1.610	1.643	**Left**	HB45	12.00	0.00	4.50	2.78	7.28	18.000	**OK**	0.640	0.718	2.470	2.289		1.643
	Grade		2021+30.00	HB45	1557.78	71.41	-2.00%	0.00	1559.21	0.00	-2.00%	0.00	1559.21	HB45	0.0040	3.4671	0.0000	1.577	1.610	**Left**	HB45	12.00	0.00	4.50	3.52	8.02	18.000	**OK**	0.706	0.830	2.146	1.939		1.610
	Grade		2021+35.00	HB45	1557.81	71.41	-2.00%	0.00	1559.24	0.00	-2.00%	0.00	1559.24	HB45	0.0060	3.4589	0.0000	1.544	1.577	**Left**	HB45	12.00	0.00	4.50	2.62	7.12	18.000	**OK**	0.626	0.695	2.435	2.269		1.577
	Grade		2021+40.00	HB45	1557.83	71.40	-2.00%	0.00	1559.26	0.00	-2.00%	0.00	1559.26	HB45	0.0040	3.4507	0.0000	1.511	1.544	**Left**	HB45	12.00	0.00	4.50	3.34	7.84	18.000	**OK**	0.691	0.803	2.116	1.923		1.544
	Grade		2021+45.00	HB45	1557.86	71.39	-2.00%	0.00	1559.29	0.00	-2.00%	0.00	1559.29	HB45	0.0060	3.4425	0.0000	1.478	1.511	**Left**	HB45	12.00	0.00	4.50	2.46	6.96	18.000	**OK**	0.611	0.672	2.399	2.249		1.511
	Grade		2021+50.00	HB45	1557.88	71.38	-2.00%	0.00	1559.31	0.00	-2.00%	0.00	1559.31	HB45	0.0040	3.4343	0.0000	1.445	1.478	**Left**	HB45	12.00	0.00	4.50	3.17	7.67	18.000	**OK**	0.675	0.775	2.085	1.907		1.478
	Grade		2021+55.00	HB45	1557.91	71.37	-2.00%	0.00	1559.34	0.00	-2.00%	0.00	1559.34	HB45	0.0060	3.4261	0.0000	1.413	1.445	**Left**	HB45	12.00	0.00	4.50	2.29	6.79	18.000	**OK**	0.596	0.649	2.362	2.227		1.445
	Grade		2021+60.00	HB45	1557.93	71.36	-2.00%	0.00	1559.36	0.00	-2.00%	0.00	1559.36	HB45	0.0040	3.4179	0.0000	1.380	1.413	**Left**	HB45	12.00	0.00	4.50	2.98	7.48	18.000	**OK**	0.659	0.748	2.053	1.889		1.413
	Grade		2021+65.00	HB45	1557.96	71.35	-2.00%	0.00	1559.39	0.00	-2.00%	0.00	1559.39	HB45	0.0060	3.4097	0.0000	1.347	1.380	**Left**	HB45	12.00	0.00	4.50	2.12	6.62	18.000	**OK**	0.581	0.626	2.324	2.204		1.380
	Grade		2021+70.00	HB45	1557.98	71.34	-2.00%	0.00	1559.41	0.00	-2.00%	0.00	1559.41	HB45	0.0040	3.4015	0.0000	1.314	1.347	**Left**	HB45	12.00	0.00	4.50	2.80	7.30	18.000	**OK**	0.642	0.720	2.020	1.871		1.347
	Grade		2021+75.00	HB45	1558.01	71.33	-2.00%	0.00	1559.44	0.00	-2.00%	0.00	1559.44	HB45	0.0060	3.3933	0.0000	1.281	1.314	**Left**	HB45	12.00	0.00	4.50	1.94	6.44	18.000	**OK**	0.565	0.603	2.284	2.180		1.314
	Grade		2021+80.00	HB45	1558.03	71.33	-2.00%	0.00	1559.46	0.00	-2.00%	0.00	1559.46	HB45	0.0040	3.3851	0.0000	1.248	1.281	**Left**	HB45	12.00	0.00	4.50	2.60	7.10	18.000	**OK**	0.624	0.692	1.985	1.851		1.281
	Grade		2021+85.00	HB45	1558.06	71.32	-2.00%	0.00	1559.49	0.00	-2.00%	0.00	1559.49	HB45	0.0060	3.3770	0.0000	1.216	1.248	**Left**	HB45	12.00	0.00	4.50	1.76	6.26	18.000	**OK**	0.549	0.580	2.243	2.154		1.248
	Grade		2021+90.00	HB45	1558.08	71.31	-2.00%	0.00	1559.51	0.00	-2.00%	0.00	1559.51	HB45	0.0040	3.3688	0.0000	1.183	1.216	**Left**	HB45	12.00	0.00	4.50	2.40	6.90	18.000	**OK**	0.606	0.664	1.949	1.830		1.216
	Grade		2021+95.00	HB45	1558.11	71.30	-2.00%	0.00	1559.54	0.00	-2.00%	0.00	1559.54	HB45	0.0060	3.3606	0.0000	1.150	1.183	**Left**	HB45	12.00	0.00	4.50	1.57	6.07	18.000	**OK**	0.532	0.556	2.200	2.126		1.183
	Grade		2022+00.00	HB45	1558.13	71.29	-2.00%	0.00	1559.56	0.00	-2.00%	0.00	1559.56	HB45	0.0040	3.3524	0.0000	1.117	1.150	**Left**	HB45	12.00	0.00	4.50	2.20	6.70	18.000	**OK**	0.588	0.636	1.911	1.808		1.150
	Grade		2022+05.00	HB45	1558.16	71.30	-2.00%	0.00	1559.59	0.00	-2.00%	0.00	1559.59	HB45	0.0060	3.3442	0.0000	1.084	1.117	**Left**	HB45	12.00	0.00	4.50	1.38	5.88	18.000	**OK**	0.514	0.533	2.155	2.096		1.117

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2022+10.00	HB45	1558.18	71.30	-2.00%	0.00	1559.61	0.00	-2.00%	0.00	1559.61	HB45	0.0040	3.3360	0.0000	1.052	1.084	**Left**	HB45	12.00	0.00	4.50	1.98	6.48	18.000	**OK**	0.568	0.608	1.872	1.784		1.084
	Grade		2022+15.00	HB45	1558.21	71.31	-2.00%	0.00	1559.64	0.00	-2.00%	0.00	1559.64	HB45	0.0060	3.3279	0.0000	1.019	1.052	**Left**	HB45	12.00	0.00	4.50	1.18	5.68	18.000	**OK**	0.496	0.510	2.108	2.063		1.052
	Grade		2022+20.00	HB45	1558.23	71.32	-2.00%	0.00	1559.66	0.00	-2.00%	0.00	1559.66	HB45	0.0040	3.3197	0.0000	0.986	1.019	**Left**	HB45	12.00	0.00	4.50	1.76	6.26	18.000	**OK**	0.548	0.579	1.831	1.759		1.019
	Grade		2022+25.00	HB45	1558.26	71.33	-2.00%	0.00	1559.69	0.00	-2.00%	0.00	1559.69	HB45	0.0060	3.3115	0.0000	0.953	0.986	**Left**	HB45	12.00	0.00	4.50	0.97	5.47	18.000	**OK**	0.477	0.486	2.060	2.028		0.986
	Grade		2022+30.00	HB45	1558.28	71.33	-2.00%	0.00	1559.71	0.00	-2.00%	0.00	1559.71	HB45	0.0040	3.3033	0.0000	0.920	0.953	**Left**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.528	0.551	1.788	1.730		0.953
	Grade		2022+35.00	HB45	1558.31	71.34	-2.00%	0.00	1559.74	0.00	-2.00%	0.00	1559.74	HB45	0.0060	3.2951	0.0000	0.887	0.920	**Left**	HB45	12.00	0.00	4.50	0.75	5.25	18.000	**OK**	0.457	0.463	2.008	1.988		0.920
	Grade		2022+40.00	HB45	1558.33	71.35	-2.00%	0.00	1559.76	0.00	-2.00%	0.00	1559.76	HB45	0.0040	3.2869	0.0000	0.855	0.887	**Left**	HB45	12.00	0.00	4.50	1.29	5.79	18.000	**OK**	0.506	0.522	1.742	1.699		0.887
	Grade		2022+45.00	HB45	1558.36	71.35	-2.00%	0.00	1559.79	0.00	-2.00%	0.00	1559.79	HB45	0.0060	3.2787	0.0000	0.822	0.855	**Left**	HB45	12.00	0.00	4.50	0.52	5.02	18.000	**OK**	0.437	0.440	1.955	1.944		0.855
	Grade		2022+50.00	HB45	1558.38	71.36	-2.00%	0.00	1559.81	0.00	-2.00%	0.00	1559.81	HB45	0.0040	3.2705	0.0000	0.789	0.822	**Left**	HB45	12.00	0.00	4.50	1.03	5.53	18.000	**OK**	0.483	0.494	1.694	1.665		0.822
	Grade		2022+55.00	HB45	1558.41	71.37	-2.00%	0.00	1559.84	0.00	-2.00%	0.00	1559.84	HB45	0.0060	3.2623	0.0000	0.756	0.789	**Left**	HB45	12.00	0.00	4.50	0.28	4.78	18.000	**OK**	0.416	0.416	1.898	1.895		0.789
	Grade		2022+60.00	HB45	1558.43	71.37	-2.00%	0.00	1559.86	0.00	-2.00%	0.00	1559.86	HB45	0.0040	3.2542	0.0000	0.723	0.756	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.459	0.465	1.644	1.626		0.756
	Grade		2022+65.00	HB45	1558.46	71.38	-2.00%	0.00	1559.89	0.00	-2.00%	0.00	1559.89	HB45	0.0060	3.2460	0.0000	0.690	0.723	**Left**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.393	0.393	1.839	1.839		0.723
	Grade		2022+70.00	HB45	1558.48	71.39	-2.00%	0.00	1559.91	0.00	-2.00%	0.00	1559.91	HB45	0.0040	3.2378	0.0000	0.658	0.690	**Left**	HB45	12.00	0.00	4.50	0.49	4.99	18.000	**OK**	0.434	0.436	1.590	1.582		0.690
	Grade		2022+75.00	HB45	1558.51	71.40	-2.00%	0.00	1559.94	0.00	-2.00%	0.00	1559.94	HB45	0.0060	3.2296	0.0000	0.625	0.658	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.370	0.370	1.777	1.777		0.658
	Grade		2022+80.00	HB45	1558.53	71.40	-2.00%	0.00	1559.96	0.00	-2.00%	0.00	1559.96	HB45	0.0040	3.2214	0.0000	0.592	0.625	**Left**	HB45	12.00	0.00	4.50	0.20	4.70	18.000	**OK**	0.408	0.408	1.533	1.531		0.625
	Grade		2022+85.00	HB45	1558.56	71.41	-2.00%	0.00	1559.99	0.00	-2.00%	0.00	1559.99	HB45	0.0060	3.2132	0.0000	0.559	0.592	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.346	0.346	1.711	1.711		0.592
	Grade		2022+90.00	HB45	1558.58	71.42	-2.00%	0.00	1560.01	0.00	-2.00%	0.00	1560.01	HB45	0.0040	3.2050	0.0000	0.526	0.559	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.380	0.380	1.472	1.472		0.559
	Grade		2022+95.00	HB45	1558.61	71.42	-2.00%	0.00	1560.04	0.00	-2.00%	0.00	1560.04	HB45	0.0060	3.1968	0.0000	0.493	0.526	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.320	0.320	1.643	1.643		0.526
	Grade		2023+00.00	HB45	1558.63	71.43	-2.00%	0.00	1560.06	0.00	-2.00%	0.00	1560.06	HB45	0.0040	3.1886	0.0000	0.460	0.493	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.350	0.350	1.408	1.408		0.493
	Grade		2023+05.00	HB45	1558.66	71.44	-2.00%	0.00	1560.09	0.00	-2.00%	0.00	1560.09	HB45	0.0060	3.1804	0.0000	0.428	0.460	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.293	0.293	1.570	1.570		0.460
	Grade		2023+10.00	HB45	1558.68	71.44	-2.00%	0.00	1560.11	0.00	-2.00%	0.00	1560.11	HB45	0.0040	3.1722	0.0000	0.395	0.428	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.319	0.319	1.339	1.339		0.428
	Grade		2023+15.00	HB45	1558.71	71.45	-2.00%	0.00	1560.14	0.00	-2.00%	0.00	1560.14	HB45	0.0060	3.1640	0.0000	0.362	0.395	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.264	0.264	1.493	1.493		0.395
	Grade		2023+20.00	HB45	1558.73	71.46	-2.00%	0.00	1560.16	0.00	-2.00%	0.00	1560.16	HB45	0.0040	3.1558	0.0000	0.329	0.362	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.286	0.286	1.266	1.266		0.362
	Grade		2023+25.00	HB45	1558.76	71.47	-2.00%	0.00	1560.19	0.00	-2.00%	0.00	1560.19	HB45	0.0060	3.1476	0.0000	0.296	0.329	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.233	0.233	1.412	1.412		0.329
	Grade		2023+30.00	HB45	1558.78	71.47	-2.00%	0.00	1560.21	0.00	-2.00%	0.00	1560.21	HB45	0.0040	3.1394	0.0000	0.263	0.296	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.249	0.249	1.187	1.187		0.296
	Grade		2023+35.00	HB45	1558.81	71.48	-2.00%	0.00	1560.24	0.00	-2.00%	0.00	1560.24	HB45	0.0060	3.1312	0.0000	0.230	0.263	**Left**	HB45	12.00	0.00	4.45	0.00	4.45	18.000	**OK**	0.198	0.198	1.330	1.330		0.263
	Grade		2023+40.00	HB45	1558.82	71.49	-2.00%	0.00	1560.25	0.00	-2.00%	0.00	1560.25	HB45	0.0020	3.1230	0.0000	0.197	0.230	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.266	0.266	0.865	0.865		0.230
	Grade		2023+45.00	HB45	1558.83	71.49	-2.00%	0.00	1560.26	0.00	-2.00%	0.00	1560.26	HB45	0.0020	3.1148	0.0000	0.164	0.197	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.239	0.239	0.825	0.825		0.197
	Grade	3	2023+50.00	HB45	1558.86	71.50	-2.00%	0.00	1560.29	0.00	-2.00%	0.00	1560.29	HB45	0.0060	3.1066	0.0000	2.149	2.182	**Left**	HB45	12.00	0.00	4.50	3.95	8.45	18.000	**OK**	0.745	0.901	2.720	2.422	3	2.182
	Grade		2023+55.00	HB45	1558.88	71.49	-2.00%	0.00	1560.31	0.00	-2.00%	0.00	1560.31	HB45	0.0040	3.0984	0.0000	2.116	2.149	**Left**	HB45	12.00	0.00	4.50	4.78	9.28	18.000	**OK**	0.820	1.049	2.362	2.049		2.149
	Grade		2023+60.00	HB45	1558.91	71.47	-2.00%	0.00	1560.34	0.00	-2.00%	0.00	1560.34	HB45	0.0060	3.0902	0.0000	2.083	2.116	**Left**	HB45	12.00	0.00	4.50	3.81	8.31	18.000	**OK**	0.733	0.879	2.692	2.408		2.116
	Grade		2023+65.00	HB45	1558.93	71.46	-2.00%	0.00	1560.36	0.00	-2.00%	0.00	1560.36	HB45	0.0040	3.0820	0.0000	2.050	2.083	**Left**	HB45	12.00	0.00	4.50	4.64	9.14	18.000	**OK**	0.807	1.023	2.338	2.037		2.083
	Grade		2023+70.00	HB45	1558.96	71.45	-2.00%	0.00	1560.39	0.00	-2.00%	0.00	1560.39	HB45	0.0060	3.0738	0.0000	2.017	2.050	**Left**	HB45	12.00	0.00	4.50	3.68	8.18	18.000	**OK**	0.721	0.857	2.664	2.393		2.050
	Grade		2023+75.00	HB45	1558.99	71.43	-2.00%	0.00	1560.42	0.00	-2.00%	0.00	1560.42	HB45	0.0060	3.0656	0.0000	1.985	2.017	**Left**	HB45	12.00	0.00	4.50	3.61	8.11	18.000	**OK**	0.715	0.846	2.649	2.386		2.017
	Grade		2023+80.00	HB45	1559.01	71.42	-2.00%	0.00	1560.44	0.00	-2.00%	0.00	1560.44	HB45	0.0040	3.0574	0.0000	1.952	1.985	**Left**	HB45	12.00	0.00	4.50	4.42	8.92	18.000	**OK**	0.788	0.983	2.301	2.019		1.985
	Grade		2023+85.00	HB45	1559.04	71.41	-2.00%	0.00	1560.47	0.00	-2.00%	0.00	1560.47	HB45	0.0060	3.0492	0.0000	1.919	1.952	**Left**	HB45	12.00	0.00	4.50	3.47	7.97	18.000	**OK**	0.703	0.823	2.620	2.370		1.952
	Grade		2023+90.00	HB45	1559.07	71.39	-2.00%	0.00	1560.50	0.00	-2.00%	0.00	1560.50	HB45	0.0060	3.0410	0.0000	1.886	1.919	**Left**	HB45	12.00	0.00	4.50	3.40	7.90	18.000	**OK**	0.696	0.812	2.605	2.362		1.919
	Grade		2023+95.00	HB45	1559.09	71.38	-2.00%	0.00	1560.52	0.00	-2.00%	0.00	1560.52	HB45	0.0040	3.0328	0.0000	1.853	1.886	**Left**	HB45	12.00	0.00	4.50	4.19	8.69	18.000	**OK**	0.767	0.943	2.263	1.999		1.886
	Grade		2024+00.00	HB45	1559.12	71.37	-2.00%	0.00	1560.55	0.00	-2.00%	0.00	1560.55	HB45	0.0060	3.0246	0.0000	1.820	1.853	**Left**	HB45	12.00	0.00	4.50	3.26	7.76	18.000	**OK**	0.684	0.790	2.574	2.346		1.853
	Grade		2024+05.00	HB45	1559.15	71.36	-2.00%	0.00	1560.58	0.00	-2.00%	0.00	1560.58	HB45	0.0060	3.0164	0.0000	1.787	1.820	**Left**	HB45	12.00	0.00	4.50	3.19	7.69	18.000	**OK**	0.677	0.779	2.559	2.338		1.820
	Grade		2024+10.00	HB45	1559.17	71.34	-2.00%	0.00	1560.60	0.00	-2.00%	0.00	1560.60	HB45	0.0040	3.0082	0.0000	1.755	1.787	**Left**	HB45	12.00	0.00	4.50	3.96	8.46	18.000	**OK**	0.746	0.903	2.223	1.979		1.787
	Grade		2024+15.00	HB45	1559.20	71.33	-2.00%	0.00	1560.63	0.00	-2.00%	0.00	1560.63	HB45	0.0060	3.0000	0.0000	1.722	1.755	**Left**	HB45	12.00	0.00	4.50	3.04	7.54	18.000	**OK**	0.664	0.756	2.527	2.320		1.755
	Grade		2024+20.00	HB45	1559.23	71.32	-2.00%	0.00	1560.66	0.00	-2.00%	0.00	1560.66	HB45	0.0060	2.9918	0.0000	1.689	1.722	**Left**	HB45	12.00	0.00	4.50	2.97	7.47	18.000	**OK**	0.657	0.745	2.510	2.311		1.722
	Grade		2024+25.00	HB45	1559.26	71.30	-2.00%	0.00	1560.69	0.00	-2.00%	0.00	1560.69	HB45	0.0060	2.9836	0.0000	1.656	1.689	**Left**	HB45	12.00	0.00	4.50	2.89	7.39	18.000	**OK**	0.650	0.734	2.494	2.302		1.689
	Grade		2024+30.00	HB45	1559.29	71.29	-2.00%	0.00	1560.72	0.00	-2.00%	0.00	1560.72	HB45	0.0060	2.9754	0.0000	1.623	1.656	**Left**	HB45	12.00	0.00	4.50	2.81	7.31	18.000	**OK**	0.643	0.722	2.477	2.293		1.656
	Grade		2024+35.00	HB45	1559.32	71.28	-2.00%	0.00	1560.75	0.00	-2.00%	0.00	1560.75	HB45	0.0060	2.9672	0.0000	1.590	1.623	**Left**	HB45	12.00	0.00	4.50	2.73	7.23	18.000	**OK**	0.636	0.711	2.460	2.283		1.623
	Grade		2024+40.00	HB45	1559.35	71.26	-2.00%	0.00	1560.78	0.00	-2.00%	0.00	1560.78	HB45	0.0060	2.9591	0.0000	1.558	1.590	**Left**	HB45	12.00	0.00	4.50	2.66	7.16	18.000	**OK**	0.629	0.700	2.443	2.274		1.590
	Grade		2024+45.00	HB45	1559.38	71.25	-2.00%	0.00	1560.80	0.00	-2.00%	0.00	1560.80	HB45	0.0040	2.9509	0.0000	1.525	1.558	**Left**	HB45	12.00	0.00	4.50	3.38	7.88	18.000	**OK**	0.694	0.809	2.123	1.927		1.558
	Grade		2024+50.00	HB45	1559.41	71.24	-2.00%	0.00	1560.83	0.00	-2.00%	0.00	1560.83	HB45	0.0060	2.9427	0.0000	1.492	1.525	**Left**	HB45	12.00	0.00	4.50	2.49	6.99	18.000	**OK**	0.615	0.677	2.407	2.253		1.525
	Grade		2024+55.00	HB45	1559.44	71.22	-2.00%	0.00	1560.86	0.00	-2.00%	0.00	1560.86	HB45	0.0060	2.9345	0.0000	1.459	1.492	**Left**	HB45	12.00	0.00	4.50	2.41	6.91	18.000	**OK**	0.607	0.665	2.389	2.243		1.492
	Grade		2024+60.00	HB45	1559.47	71.21	-2.00%	0.00	1560.89	0.00	-2.00%	0.00	1560.89	HB45	0.0060	2.9264	0.0000	1.427	1.459	**Left**	HB45	12.00	0.00	4.50	2.33	6.83	18.000	**OK**	0.600	0.654	2.370	2.232		1.459
	Grade		2024+65.00	HB45	1559.50	71.20	-2.00%	0.00	1560.92	0.00	-2.00%	0.00	1560.92	HB45	0.0060	2.9182	0.0000	1.394	1.427	**Left**	HB45	12.00	0.00	4.50	2.24	6.74	18.000	**OK**	0.592	0.642	2.352	2.221		1.427
	Grade		2024+70.00	HB45	1559.53	71.18	-2.00%	0.00	1560.95	0.00	-2.00%	0.00	1560.95	HB45	0.0060	2.9100	0.0000	1.361	1.394	**Left**	HB45	12.00	0.00	4.50	2.16	6.66	18.000	**OK**	0.584	0.631	2.332	2.209		1.394
	Grade		2024+75.00	HB45	1559.56	71.17	-2.00%	0.00	1560.98	0.00	-2.00%	0.00	1560.98	HB45	0.0060	2.9018	0.0000	1.328	1.361	**Left**	HB45	12.00	0.00	4.50	2.07	6.57	18.000	**OK**	0.576	0.619	2.313	2.198		1.361
	Grade		2024+80.00	HB45	1559.59	71.16	-2.00%	0.00	1561.01	0.00	-2.00%	0.00	1561.01	HB45	0.0060	2.8937	0.0000	1.296	1.328	**Left**	HB45	12.00	0.00	4.50	1.98	6.48	18.000	**OK**	0.568	0.608	2.293	2.185		1.328
	Grade		2024+85.00	HB45	1559.62	71.14	-2.00%	0.00	1561.04	0.00	-2.00%	0.00	1561.04	HB45	0.0060	2.8855	0.0000	1.263	1.296	**Left**	HB45	12.00	0.00	4.50	1.89	6.39	18.000	**OK**	0.560	0.596	2.273	2.173		1.296
	Grade		2024+90.00	HB45	1559.66	71.13	-2.00%	0.00	1561.08	0.00	-2.00%	0.00	1561.08	HB45	0.0080	2.8773	0.0000	1.230	1.263	**Left**	HB45	12.00	0.00	4.50	1.31	5.81	18.000	**OK**	0.508	0.525	2.469	2.407		1.263
	Grade		2024+95.00	HB45	1559.69	71.12	-2.00%	0.00	1561.11	0.00	-2.00%	0.00	1561.11	HB45	0.0060	2.8692	0.0000	1.197	1.230	**Left**	HB45	12.00	0.00	4.50	1.71	6.21	18.000	**OK**	0.544	0.573	2.231	2.146		1.230
	Grade		2025+00.00	HB45	1559.72	71.11	-2.00%	0.00	1561.14	0.00	-2.00%	0.00	1561.14	HB45	0.0060	2.8610	0.0000	1.165	1.197	**Left**	HB45	12.00	0.00	4.50	1.62	6.12	18.000	**OK**	0.535	0.561	2.210	2.132		1.197
	Grade		2025+05.00	HB45	1559.75	71.09	-2.00%	0.00	1561.17	0.00	-2.00%	0.00	1561.17	HB45	0.0060	2.8528	0.0000	1.132	1.165	**Left**	HB45	12.00	0.00	4.50	1.52	6.02	18.000	**OK**	0.527	0.550	2.188	2.118		1.165
	Grade		2025+10.00	HB45	1559.78	71.08	-2.00%	0.00	1561.20	0.00	-2.00%	0.00	1561.20	HB45	0.0060	2.8447	0.0000	1.099	1.132	**Left**	HB45	12.00	0.00	4.50	1.42	5.92	18.000	**OK**	0.518	0.538	2.165	2.103		1.132
	Grade		2025+15.00	HB45	1559.81	71.07	-2.00%	0.00	1561.23	0.00	-2.00%	0.00	1561.23	HB45	0.0060	2.8365	0.0000	1.066	1.099	**Left**	HB45	12.00	0.00	4.50	1.32	5.82	18.000	**OK**	0.509	0.527	2.143	2.087		1.099
	Grade		2025+20.00	HB45	1559.85	71.05	-2.00%	0.00	1561.27	0.00	-2.00%	0.00	1561.27	HB45	0.0080	2.8284	0.0000	1.034	1.066	**Left**	HB45	12.00	0.00	4.50	0.76	5.26	18.000	**OK**	0.458	0.464	2.322	2.298		1.066
	Grade		2025+25.00	HB45	1559.88	71.04	-2.00%	0.00	1561.30	0.00	-2.00%	0.00	1561.30	HB45	0.0060	2.8202	0.0000	1.001	1.034	**Left**	HB45	12.00	0.00	4.50	1.12	5.62	18.000	**OK**	0.491	0.503	2.095	2.054		1.034
	Grade		2025+30.00	HB45	1559.91	71.03	-2.00%	0.00	1561.33	0.00	-2.00%	0.00	1561.33	HB45	0.0060	2.8120	0.0000	0.968	1.001	**Left**	HB45	12.00	0.00	4.50	1.02	5.52	18.000	**OK**	0.481	0.492	2.071	2.036		1.001
	Grade		2025+35.00	HB45	1559.94	71.01	-2.00%	0.00	1561.36	0.00	-2.00%	0.00	1561.36	HB45	0.0060	2.8039	0.0000	0.936	0.968	**Left**	HB45	12.00	0.00	4.50	0.91	5.41	18.000	**OK**	0.472	0.480	2.046	2.017		0.968
	Grade		2025+40.00	HB45	1559.98	71.00	-2.00%	0.00	1561.40	0.00	-2.00%	0.00	1561.40	HB45	0.0080	2.7957	0.0000	0.903	0.936	**Left**	HB45	12.00	0.00	4.50	0.36	4.86	18.000	**OK**	0.423	0.424	2.213	2.207		0.936
	Grade		2025+45.00	HB45	1560.01	71.16	-2.00%	0.00	1561.43	0.00	-2.00%	0.00	1561.43	HB45	0.0060	2.7876	0.0000	0.870	0.903	**Left**	HB45	12.00	0.00	4.50	0.69	5.19	18.000	**OK**	0.452	0.457	1.994	1.977		0.903
	Grade		2025+50.00	HB45	1560.03	71.31	-2.00%	0.00	1561.46	0.00	-2.00%	0.00	1561.46	HB45	0.0060	2.7794	0.0000	0.838	0.870	**Left**	HB45	12.00	0.00	4.50	0.58	5.08	18.000	**OK**	0.442	0.445	1.968	1.955		0.870
	Grade		2025+55.00	HB45	1560.07	71.47	-2.00%	0.00	1561.50	0.00	-2.00%	0.00	1561.50	HB45	0.0080	2.7713	0.0000	0.805	0.838	**Left**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.394	0.394	2.126	2.126		0.838
	Grade		2025+60.00	HB45	1560.10	71.63	-2.00%	0.00	1561.53	0.00	-2.00%	0.00	1561.53	HB45	0.0060	2.7631	0.0000	0.772	0.805	**Left**	HB45	12.00	0.00	4.50	0.34	4.84	18.000	**OK**	0.421	0.422	1.912	1.907		0.805

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2025+65.00	HB45	1560.12	71.78	-2.00%	0.00	1561.56	0.00	-2.00%	0.00	1561.56	HB45	0.0060	2.7548	0.0000	0.739	0.772	**Left**	HB45	12.00	0.00	4.50	0.22	4.72	18.000	**OK**	0.410	0.410	1.883	1.881		0.772
	Grade		2025+70.00	HB45	1560.16	71.94	-2.00%	0.00	1561.60	0.00	-2.00%	0.00	1561.60	HB45	0.0080	2.7466	0.0000	0.706	0.739	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.364	0.364	2.032	2.032		0.739
	Grade		2025+75.00	HB45	1560.19	72.09	-2.00%	0.00	1561.63	0.00	-2.00%	0.00	1561.63	HB45	0.0060	2.7384	0.0000	0.673	0.706	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.387	0.387	1.823	1.823		0.706
	Grade		2025+80.00	HB45	1560.23	72.25	-2.00%	0.00	1561.67	0.00	-2.00%	0.00	1561.67	HB45	0.0080	2.7301	0.0000	0.639	0.673	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.342	0.342	1.965	1.965		0.673
	Grade		2025+85.00	HB45	1560.25	72.41	-2.00%	0.00	1561.70	0.00	-2.00%	0.00	1561.70	HB45	0.0060	2.7218	0.0000	0.606	0.639	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.363	0.363	1.759	1.759		0.639
	Grade		2025+90.00	HB45	1560.29	72.56	-2.00%	0.00	1561.74	0.00	-2.00%	0.00	1561.74	HB45	0.0080	2.7135	0.0000	0.573	0.606	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.320	0.320	1.895	1.895		0.606
	Grade		2025+95.00	HB45	1560.32	72.72	-2.00%	0.00	1561.77	0.00	-2.00%	0.00	1561.77	HB45	0.0060	2.7052	0.0000	0.539	0.573	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.339	0.339	1.692	1.692		0.573
	Grade		2026+00.00	HB45	1560.35	72.88	-2.00%	0.00	1561.81	0.00	-2.00%	0.00	1561.81	HB45	0.0080	2.6969	0.0000	0.506	0.539	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.296	0.296	1.821	1.821		0.539
	Grade		2026+05.00	HB45	1560.38	73.03	-2.00%	0.00	1561.84	0.00	-2.00%	0.00	1561.84	HB45	0.0060	2.6885	0.0000	0.472	0.506	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.312	0.312	1.620	1.620		0.506
	Grade		2026+10.00	HB45	1560.42	73.19	-2.00%	0.00	1561.88	0.00	-2.00%	0.00	1561.88	HB45	0.0080	2.6801	0.0000	0.439	0.472	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.271	0.271	1.744	1.744		0.472
	Grade		2026+15.00	HB45	1560.44	73.34	-2.00%	0.00	1561.91	0.00	-2.00%	0.00	1561.91	HB45	0.0060	2.6717	0.0000	0.405	0.439	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	1.545	1.545		0.439
	Grade		2026+20.00	HB45	1560.48	73.50	-2.00%	0.00	1561.95	0.00	-2.00%	0.00	1561.95	HB45	0.0080	2.6633	0.0000	0.371	0.405	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.244	0.244	1.662	1.662		0.405
	Grade		2026+25.00	HB45	1560.52	73.66	-2.00%	0.00	1561.99	0.00	-2.00%	0.00	1561.99	HB45	0.0080	2.6549	0.0000	0.337	0.371	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.229	0.229	1.620	1.620		0.371
	Grade		2026+30.00	HB45	1560.54	73.81	-2.00%	0.00	1562.02	0.00	-2.00%	0.00	1562.02	HB45	0.0060	2.6465	0.0000	0.303	0.337	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.237	0.237	1.423	1.423		0.337
	Grade		2026+35.00	HB45	1560.58	73.97	-2.00%	0.00	1562.06	0.00	-2.00%	0.00	1562.06	HB45	0.0080	2.6380	0.0000	0.269	0.303	**Left**	HB45	12.00	0.00	4.45	0.00	4.45	18.000	**OK**	0.198	0.198	1.535	1.535		0.303
	Grade		2026+40.00	HB45	1560.62	74.13	-2.00%	0.00	1562.10	0.00	-2.00%	0.00	1562.10	HB45	0.0080	2.6295	0.0000	0.235	0.269	**Left**	HB45	12.00	0.00	4.25	0.00	4.25	18.000	**OK**	0.181	0.181	1.490	1.490		0.269
	Grade		2026+45.00	HB45	1560.65	74.28	-2.00%	0.00	1562.14	0.00	-2.00%	0.00	1562.14	HB45	0.0080	2.6210	0.0000	0.201	0.235	**Left**	HB45	12.00	0.00	4.04	0.00	4.04	18.000	**OK**	0.163	0.163	1.440	1.440		0.235
	Grade	3	2026+50.00	HB45	1560.68	74.44	-2.00%	0.00	1562.17	0.00	-2.00%	0.00	1562.17	HB45	0.0060	2.6125	0.0000	2.310	2.344	**Left**	HB45	12.00	0.00	4.50	4.26	8.76	18.000	**OK**	0.773	0.955	2.785	2.455	3	2.344
	Grade		2026+55.00	HB45	1560.72	74.59	-2.00%	0.00	1562.21	0.00	-2.00%	0.00	1562.21	HB45	0.0080	2.6040	0.0000	2.275	2.310	**Left**	HB45	12.00	0.00	4.50	3.58	8.08	18.000	**OK**	0.712	0.840	3.050	2.750		2.310
	Grade		2026+60.00	HB45	1560.76	74.75	-2.00%	0.00	1562.25	0.00	-2.00%	0.00	1562.25	HB45	0.0080	2.5954	0.0000	2.241	2.275	**Left**	HB45	12.00	0.00	4.50	3.51	8.01	18.000	**OK**	0.706	0.830	3.035	2.742		2.275
	Grade		2026+65.00	HB45	1560.79	74.91	-2.00%	0.00	1562.29	0.00	-2.00%	0.00	1562.29	HB45	0.0080	2.5868	0.0000	2.207	2.241	**Left**	HB45	12.00	0.00	4.50	3.45	7.95	18.000	**OK**	0.701	0.820	3.020	2.734		2.241
	Grade		2026+70.00	HB45	1560.82	75.06	-2.00%	0.00	1562.32	0.00	-2.00%	0.00	1562.32	HB45	0.0060	2.5782	0.0000	2.172	2.207	**Left**	HB45	12.00	0.00	4.50	3.99	8.49	18.000	**OK**	0.750	0.909	2.730	2.427		2.207
	Grade		2026+75.00	HB45	1560.86	75.22	-2.00%	0.00	1562.36	0.00	-2.00%	0.00	1562.36	HB45	0.0080	2.5696	0.0000	2.138	2.172	**Left**	HB45	12.00	0.00	4.50	3.32	7.82	18.000	**OK**	0.689	0.799	2.988	2.717		2.172
	Grade		2026+80.00	HB45	1560.89	75.38	-2.00%	0.00	1562.40	0.00	-2.00%	0.00	1562.40	HB45	0.0080	2.5610	0.0000	2.103	2.138	**Left**	HB45	12.00	0.00	4.50	3.26	7.76	18.000	**OK**	0.683	0.789	2.971	2.708		2.138
	Grade		2026+85.00	HB45	1560.93	75.53	-2.00%	0.00	1562.44	0.00	-2.00%	0.00	1562.44	HB45	0.0080	2.5524	0.0000	2.068	2.103	**Left**	HB45	12.00	0.00	4.50	3.19	7.69	18.000	**OK**	0.677	0.779	2.955	2.699		2.103
	Grade		2026+90.00	HB45	1560.97	75.69	-2.00%	0.00	1562.48	0.00	-2.00%	0.00	1562.48	HB45	0.0080	2.5437	0.0000	2.033	2.068	**Left**	HB45	12.00	0.00	4.50	3.12	7.62	18.000	**OK**	0.671	0.769	2.938	2.690		2.068
	Grade		2026+95.00	HB45	1561.00	75.84	-2.00%	0.00	1562.52	0.00	-2.00%	0.00	1562.52	HB45	0.0080	2.5350	0.0000	1.998	2.033	**Left**	HB45	12.00	0.00	4.50	3.06	7.56	18.000	**OK**	0.665	0.758	2.921	2.681		2.033
	Grade		2027+00.00	HB45	1561.04	76.00	-2.00%	0.00	1562.56	0.00	-2.00%	0.00	1562.56	HB45	0.0080	2.5263	0.0000	1.964	1.998	**Left**	HB45	12.00	0.00	4.50	2.99	7.49	18.000	**OK**	0.659	0.748	2.904	2.672		1.998
	Grade		2027+05.00	HB45	1561.07	76.28	-2.00%	0.00	1562.60	0.00	-2.00%	0.00	1562.60	HB45	0.0080	2.5176	0.0000	1.929	1.964	**Left**	HB45	12.00	0.00	4.50	2.92	7.42	18.000	**OK**	0.653	0.738	2.886	2.662		1.964
	Grade		2027+10.00	HB45	1561.11	76.55	-2.00%	0.00	1562.64	0.00	-2.00%	0.00	1562.64	HB45	0.0080	2.5089	0.0000	1.893	1.929	**Left**	HB45	12.00	0.00	4.50	2.85	7.35	18.000	**OK**	0.646	0.727	2.869	2.652		1.929
	Grade		2027+15.00	HB45	1561.14	76.83	-2.00%	0.00	1562.68	0.00	-2.00%	0.00	1562.68	HB45	0.0080	2.5001	0.0000	1.858	1.893	**Left**	HB45	12.00	0.00	4.50	2.77	7.27	18.000	**OK**	0.640	0.717	2.850	2.642		1.893
	Grade		2027+20.00	HB45	1561.18	77.10	-2.00%	0.00	1562.72	0.00	-2.00%	0.00	1562.72	HB45	0.0080	2.4913	0.0000	1.823	1.858	**Left**	HB45	12.00	0.00	4.50	2.70	7.20	18.000	**OK**	0.633	0.706	2.832	2.632		1.858
	Grade		2027+25.00	HB45	1561.21	77.38	-2.00%	0.00	1562.76	0.00	-2.00%	0.00	1562.76	HB45	0.0080	2.4825	0.0000	1.787	1.823	**Left**	HB45	12.00	0.00	4.50	2.63	7.13	18.000	**OK**	0.626	0.695	2.813	2.621		1.823
	Grade		2027+30.00	HB45	1561.25	77.65	-2.00%	0.00	1562.80	0.00	-2.00%	0.00	1562.80	HB45	0.0080	2.4736	0.0000	1.751	1.787	**Left**	HB45	12.00	0.00	4.50	2.55	7.05	18.000	**OK**	0.620	0.685	2.794	2.610		1.787
	Grade		2027+35.00	HB45	1561.28	77.93	-2.00%	0.00	1562.84	0.00	-2.00%	0.00	1562.84	HB45	0.0080	2.4647	0.0000	1.716	1.751	**Left**	HB45	12.00	0.00	4.50	2.47	6.97	18.000	**OK**	0.613	0.674	2.774	2.599		1.751
	Grade		2027+40.00	HB45	1561.32	78.20	-2.00%	0.00	1562.88	0.00	-2.00%	0.00	1562.88	HB45	0.0080	2.4558	0.0000	1.680	1.716	**Left**	HB45	12.00	0.00	4.50	2.40	6.90	18.000	**OK**	0.606	0.663	2.754	2.587		1.716
	Grade		2027+45.00	HB45	1561.35	78.48	-2.00%	0.00	1562.92	0.00	-2.00%	0.00	1562.92	HB45	0.0080	2.4468	0.0000	1.644	1.680	**Left**	HB45	12.00	0.00	4.50	2.32	6.82	18.000	**OK**	0.599	0.652	2.734	2.575		1.680
	Grade		2027+50.00	HB45	1561.39	78.75	-2.00%	0.00	1562.96	0.00	-2.00%	0.00	1562.96	HB45	0.0080	2.4378	0.0000	1.608	1.644	**Left**	HB45	12.00	0.00	4.50	2.24	6.74	18.000	**OK**	0.591	0.641	2.713	2.563		1.644
	Grade		2027+55.00	HB45	1561.43	79.03	-2.00%	0.00	1563.01	0.00	-2.00%	0.00	1563.01	HB45	0.0100	2.4288	0.0000	1.571	1.608	**Left**	HB45	12.00	0.00	4.50	1.75	6.25	18.000	**OK**	0.548	0.578	2.893	2.779		1.608
	Grade		2027+60.00	HB45	1561.46	79.30	-2.00%	0.00	1563.05	0.00	-2.00%	0.00	1563.05	HB45	0.0080	2.4197	0.0000	1.535	1.571	**Left**	HB45	12.00	0.00	4.50	2.07	6.57	18.000	**OK**	0.576	0.619	2.670	2.537		1.571
	Grade		2027+65.00	HB45	1561.50	79.58	-2.00%	0.00	1563.09	0.00	-2.00%	0.00	1563.09	HB45	0.0080	2.4107	0.0000	1.498	1.535	**Left**	HB45	12.00	0.00	4.50	1.99	6.49	18.000	**OK**	0.569	0.608	2.648	2.524		1.535
	Grade		2027+70.00	HB45	1561.53	79.85	-2.00%	0.00	1563.13	0.00	-2.00%	0.00	1563.13	HB45	0.0080	2.4015	0.0000	1.462	1.498	**Left**	HB45	12.00	0.00	4.50	1.90	6.40	18.000	**OK**	0.561	0.597	2.626	2.510		1.498
	Grade		2027+75.00	HB45	1561.58	80.13	-2.00%	0.00	1563.18	0.00	-2.00%	0.00	1563.18	HB45	0.0100	2.3924	0.0000	1.425	1.462	**Left**	HB45	12.00	0.00	4.50	1.42	5.92	18.000	**OK**	0.518	0.538	2.796	2.715		1.462
	Grade		2027+80.00	HB45	1561.61	80.40	-2.00%	0.00	1563.22	0.00	-2.00%	0.00	1563.22	HB45	0.0080	2.3832	0.0000	1.388	1.425	**Left**	HB45	12.00	0.00	4.50	1.72	6.22	18.000	**OK**	0.545	0.574	2.579	2.480		1.425
	Grade		2027+85.00	HB45	1561.65	80.68	-2.00%	0.00	1563.26	0.00	-2.00%	0.00	1563.26	HB45	0.0080	2.3740	0.0000	1.351	1.388	**Left**	HB45	12.00	0.00	4.50	1.63	6.13	18.000	**OK**	0.537	0.563	2.555	2.465		1.388
	Grade		2027+90.00	HB45	1561.68	80.95	-2.00%	0.00	1563.30	0.00	-2.00%	0.00	1563.30	HB45	0.0080	2.3648	0.0000	1.314	1.351	**Left**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.528	0.552	2.530	2.448		1.351
	Grade		2027+95.00	HB45	1561.73	81.23	-2.00%	0.00	1563.35	0.00	-2.00%	0.00	1563.35	HB45	0.0100	2.3555	0.0000	1.276	1.314	**Left**	HB45	12.00	0.00	4.50	1.07	5.57	18.000	**OK**	0.486	0.498	2.690	2.640		1.314
	Grade		2028+00.00	HB45	1561.76	81.50	-2.00%	0.00	1563.39	0.00	-2.00%	0.00	1563.39	HB45	0.0080	2.3462	0.0000	1.239	1.276	**Left**	HB45	12.00	0.00	4.50	1.34	5.84	18.000	**OK**	0.511	0.529	2.479	2.414		1.276
	Grade		2028+05.00	HB45	1561.80	81.84	-2.00%	0.00	1563.44	0.00	-2.00%	0.00	1563.44	HB45	0.0098	2.3368	0.0000	1.201	1.239	**Left**	HB45	12.00	0.00	4.50	0.91	5.41	18.000	**OK**	0.472	0.480	2.617	2.580		1.239
	Grade		2028+10.00	HB45	1561.84	82.18	-2.00%	0.00	1563.48	0.00	-2.00%	0.00	1563.48	HB45	0.0089	2.3275	0.0000	1.163	1.201	**Left**	HB45	12.00	0.00	4.50	0.97	5.47	18.000	**OK**	0.477	0.487	2.506	2.467		1.201
	Grade		2028+15.00	HB45	1561.88	82.51	-2.00%	0.00	1563.53	0.00	-2.00%	0.00	1563.53	HB45	0.0090	2.3180	0.0000	1.126	1.163	**Left**	HB45	12.00	0.00	4.50	0.85	5.35	18.000	**OK**	0.467	0.474	2.486	2.455		1.163
	Grade		2028+20.00	HB45	1561.92	82.85	-2.00%	0.00	1563.57	0.00	-2.00%	0.00	1563.57	HB45	0.0091	2.3086	0.0000	1.088	1.126	**Left**	HB45	12.00	0.00	4.50	0.73	5.23	18.000	**OK**	0.456	0.461	2.465	2.441		1.126
	Grade		2028+25.00	HB45	1561.96	83.19	-2.00%	0.00	1563.62	0.00	-2.00%	0.00	1563.62	HB45	0.0092	2.2991	0.0000	1.049	1.088	**Left**	HB45	12.00	0.00	4.50	0.61	5.11	18.000	**OK**	0.445	0.448	2.443	2.425		1.088
	Grade		2028+30.00	HB45	1562.00	83.53	-2.00%	0.00	1563.67	0.00	-2.00%	0.00	1563.67	HB45	0.0093	2.2896	0.0000	1.011	1.049	**Left**	HB45	12.00	0.00	4.50	0.48	4.98	18.000	**OK**	0.433	0.436	2.419	2.408		1.049
	Grade		2028+35.00	HB45	1562.04	83.86	-2.00%	0.00	1563.71	0.00	-2.00%	0.00	1563.71	HB45	0.0094	2.2800	0.0000	0.972	1.011	**Left**	HB45	12.00	0.00	4.50	0.36	4.86	18.000	**OK**	0.422	0.423	2.394	2.388		1.011
	Grade		2028+40.00	HB45	1562.08	84.20	-2.00%	0.00	1563.76	0.00	-2.00%	0.00	1563.76	HB45	0.0095	2.2704	0.0000	0.934	0.972	**Left**	HB45	12.00	0.00	4.50	0.23	4.73	18.000	**OK**	0.411	0.411	2.369	2.366		0.972
	Grade		2028+45.00	HB45	1562.12	84.54	-2.00%	0.00	1563.81	0.00	-2.00%	0.00	1563.81	HB45	0.0096	2.2608	0.0000	0.895	0.934	**Left**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.399	0.399	2.341	2.341		0.934
	Grade		2028+50.00	HB45	1562.16	84.88	-2.00%	0.00	1563.86	0.00	-2.00%	0.00	1563.86	HB45	0.0097	2.2511	0.0000	0.856	0.895	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.387	0.387	2.313	2.313		0.895
	Grade		2028+55.00	HB45	1562.20	85.21	-2.00%	0.00	1563.91	0.00	-2.00%	0.00	1563.91	HB45	0.0098	2.2413	0.0000	0.817	0.856	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.375	0.375	2.284	2.284		0.856
	Grade		2028+60.00	HB45	1562.24	85.55	-2.00%	0.00	1563.95	0.00	-2.00%	0.00	1563.95	HB45	0.0099	2.2316	0.0000	0.778	0.817	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.363	0.363	2.253	2.253		0.817
	Grade		2028+65.00	HB45	1562.29	85.89	-2.00%	0.00	1564.00	0.00	-2.00%	0.00	1564.00	HB45	0.0100	2.2218	0.0000	0.738	0.778	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.350	0.350	2.221	2.221		0.778
	Grade		2028+70.00	HB45	1562.33	86.23	-2.00%	0.00	1564.05	0.00	-2.00%	0.00	1564.05	HB45	0.0101	2.2119	0.0000	0.699	0.738	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.337	0.337	2.188	2.188		0.738
	Grade		2028+75.00	HB45	1562.37	86.56	-2.00%	0.00	1564.11	0.00	-2.00%	0.00	1564.11	HB45	0.0102	2.2021	0.0000	0.659	0.699	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.324	0.324	2.153	2.153		0.699
	Grade		2028+80.00	HB45	1562.42	86.90	-2.00%	0.00	1564.16	0.00	-2.00%	0.00	1564.16	HB45	0.0103	2.1922	0.0000	0.619	0.659	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.311	0.311	2.117	2.117		0.659
	Grade		2028+85.00	HB45	1562.46	87.24	-2.00%	0.00	1564.21	0.00	-2.00%	0.00	1564.21	HB45	0.0104	2.1822	0.0000	0.579	0.619	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.298	0.298	2.079	2.079		0.619
	Grade		2028+90.00	HB45	1562.51	87.58	-2.00%	0.00	1564.26	0.00	-2.00%	0.00	1564.26	HB45	0.0105	2.1722	0.0000	0.539	0.579	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	2.040	2.040		0.579
	Grade		2028+95.00	HB45	1562.56	87.91	-2.00%	0.00	1564.31	0.00	-2.00%	0.00	1564.31	HB45	0.0106	2.1622	0.0000	0.498	0.539	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.269	0.269	1.999	1.999		0.539
	Grade		2029+00.00	HB45	1562.60	88.25	-2.00%	0.00	1564.37	0.00	-2.00%	0.00	1564.37	HB45	0.0107	2.1521	0.0000	0.458	0.498	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.255	0.255	1.957	1.957		0.498
	Grade		2029+05.00	HB45	1562.65	88.59	-2.00%	0.00	1564.42	0.00	-2.00%	0.00	1564.42	HB45	0.0108	2.1420	0.0000	0.417	0.458	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.239	0.239	1.913	1.913		0.458
	Grade		2029+10.00	HB45	1562.70	88.93	-2.00%	0.00	1564.48	0.00	-2.00%	0.00	1564.48	HB45	0.0109	2.1318	0.0000	0.376	0.417	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.223	0.223	1.869	1.869		0.417
	Grade		2029+15.00	HB45	1562.75	89.26	-2.00%	0.00	1564.53	0.00	-2.00%	0.00	1564.53	HB45	0.0110	2.1216	0.0000	0.335	0.376	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.206	0.206	1.824	1.824		0.376

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2029+20.00	HB45	1562.79	89.60	-2.00%	0.00	1564.59	0.00	-2.00%	0.00	1564.59	HB45	0.0111	2.1114	0.0000	0.294	0.335	**Left**	HB45	12.00	0.00	4.34	0.00	4.34	18.000	**OK**	0.189	0.189	1.778	1.778		0.335
	Grade		2029+25.00	HB45	1562.84	89.94	-2.00%	0.00	1564.64	0.00	-2.00%	0.00	1564.64	HB45	0.0112	2.1012	0.0000	0.253	0.294	**Left**	HB45	12.00	0.00	4.13	0.00	4.13	18.000	**OK**	0.170	0.170	1.726	1.726		0.294
	Grade		2029+30.00	HB45	1562.89	90.28	-2.00%	0.00	1564.70	0.00	-2.00%	0.00	1564.70	HB45	0.0113	2.0909	0.0000	0.211	0.253	**Left**	HB45	12.00	0.00	3.89	0.00	3.89	18.000	**OK**	0.152	0.152	1.668	1.668		0.253
	Grade		2029+35.00	HB45	1562.94	90.61	-2.00%	0.00	1564.76	0.00	-2.00%	0.00	1564.76	HB45	0.0114	2.0805	0.0000	0.170	0.211	**Left**	HB45	12.00	0.00	3.63	0.00	3.63	18.000	**OK**	0.132	0.132	1.600	1.600		0.211
	Grade		2029+40.00	HB45	1562.99	90.95	-2.00%	0.00	1564.81	0.00	-2.00%	0.00	1564.81	HB45	0.0115	2.0701	0.0000	0.128	0.170	**Left**	HB45	12.00	0.00	3.34	0.00	3.34	18.000	**OK**	0.112	0.112	1.519	1.519		0.170
	Grade		2029+45.00	HB45	1563.04	91.29	-2.00%	0.00	1564.87	0.00	-2.00%	0.00	1564.87	HB45	0.0116	2.0597	0.0000	0.086	0.128	**Left**	HB45	12.00	0.00	3.00	0.00	3.00	18.000	**OK**	0.090	0.090	1.420	1.420		0.128
	Grade	3	2029+50.00	HB45	1563.10	91.63	-2.00%	0.00	1564.93	0.00	-2.00%	0.00	1564.93	HB45	0.0117	2.0493	0.0000	2.231	2.273	**Left**	HB45	12.00	0.00	4.50	2.75	7.25	18.000	**OK**	0.638	0.713	3.436	3.187	3	2.273
	Grade		2029+55.00	HB45	1563.15	91.96	-2.00%	0.00	1564.99	0.00	-2.00%	0.00	1564.99	HB45	0.0118	2.0388	0.0000	2.189	2.231	**Left**	HB45	12.00	0.00	4.50	2.66	7.16	18.000	**OK**	0.630	0.700	3.423	3.185		2.231
	Grade		2029+60.00	HB45	1563.20	92.30	-2.00%	0.00	1565.05	0.00	-2.00%	0.00	1565.05	HB45	0.0119	2.0282	0.0000	2.146	2.189	**Left**	HB45	12.00	0.00	4.50	2.57	7.07	18.000	**OK**	0.621	0.688	3.410	3.183		2.189
	Grade		2029+65.00	HB45	1563.25	92.64	-2.00%	0.00	1565.11	0.00	-2.00%	0.00	1565.11	HB45	0.0120	2.0176	0.0000	2.104	2.146	**Left**	HB45	12.00	0.00	4.50	2.48	6.98	18.000	**OK**	0.613	0.675	3.396	3.180		2.146
	Grade		2029+70.00	HB45	1563.31	92.98	-2.00%	0.00	1565.17	0.00	-2.00%	0.00	1565.17	HB45	0.0121	2.0070	0.0000	2.061	2.104	**Left**	HB45	12.00	0.00	4.50	2.39	6.89	18.000	**OK**	0.605	0.662	3.381	3.177		2.104
	Grade		2029+75.00	HB45	1563.36	93.31	-2.00%	0.00	1565.23	0.00	-2.00%	0.00	1565.23	HB45	0.0122	1.9964	0.0000	2.018	2.061	**Left**	HB45	12.00	0.00	4.50	2.30	6.80	18.000	**OK**	0.597	0.650	3.366	3.173		2.061
	Grade		2029+80.00	HB45	1563.42	93.65	-2.00%	0.00	1565.29	0.00	-2.00%	0.00	1565.29	HB45	0.0123	1.9857	0.0000	1.975	2.018	**Left**	HB45	12.00	0.00	4.50	2.20	6.70	18.000	**OK**	0.588	0.637	3.350	3.168		2.018
	Grade		2029+85.00	HB45	1563.47	93.99	-2.00%	0.00	1565.35	0.00	-2.00%	0.00	1565.35	HB45	0.0124	1.9750	0.0000	1.932	1.975	**Left**	HB45	12.00	0.00	4.50	2.11	6.61	18.000	**OK**	0.580	0.624	3.333	3.163		1.975
	Grade		2029+90.00	HB45	1563.53	94.33	-2.00%	0.00	1565.41	0.00	-2.00%	0.00	1565.41	HB45	0.0125	1.9642	0.0000	1.889	1.932	**Left**	HB45	12.00	0.00	4.50	2.02	6.52	18.000	**OK**	0.571	0.612	3.316	3.157		1.932
	Grade		2029+95.00	HB45	1563.58	94.66	-2.00%	0.00	1565.48	0.00	-2.00%	0.00	1565.48	HB45	0.0126	1.9534	0.0000	1.845	1.889	**Left**	HB45	12.00	0.00	4.50	1.92	6.42	18.000	**OK**	0.563	0.600	3.298	3.150		1.889
	Grade		2030+00.00	HB45	1563.64	95.00	-2.00%	0.00	1565.54	0.00	-2.00%	0.00	1565.54	HB45	0.0127	1.9425	0.0000	1.802	1.845	**Left**	HB45	12.00	0.00	4.50	1.82	6.32	18.000	**OK**	0.554	0.587	3.279	3.143		1.845
	Grade		2030+05.00	HB45	1563.70	95.40	-2.00%	0.00	1565.60	0.00	-2.00%	0.00	1565.60	HB45	0.0128	1.9316	0.0000	1.758	1.802	**Left**	HB45	12.00	0.00	4.50	1.72	6.22	18.000	**OK**	0.545	0.575	3.259	3.134		1.802
	Grade		2030+10.00	HB45	1563.75	95.80	-2.00%	0.00	1565.67	0.00	-2.00%	0.00	1565.67	HB45	0.0129	1.9207	0.0000	1.714	1.758	**Left**	HB45	12.00	0.00	4.50	1.62	6.12	18.000	**OK**	0.536	0.563	3.239	3.125		1.758
	Grade		2030+15.00	HB45	1563.81	96.20	-2.00%	0.00	1565.73	0.00	-2.00%	0.00	1565.73	HB45	0.0130	1.9097	0.0000	1.670	1.714	**Left**	HB45	12.00	0.00	4.50	1.52	6.02	18.000	**OK**	0.527	0.550	3.217	3.115		1.714
	Grade		2030+20.00	HB45	1563.87	96.60	-2.00%	0.00	1565.80	0.00	-2.00%	0.00	1565.80	HB45	0.0131	1.8987	0.0000	1.625	1.670	**Left**	HB45	12.00	0.00	4.50	1.42	5.92	18.000	**OK**	0.518	0.538	3.195	3.103		1.670
	Grade		2030+25.00	HB45	1563.92	97.00	-2.00%	0.00	1565.86	0.00	-2.00%	0.00	1565.86	HB45	0.0132	1.8877	0.0000	1.581	1.625	**Left**	HB45	12.00	0.00	4.50	1.32	5.82	18.000	**OK**	0.509	0.526	3.172	3.091		1.625
	Grade		2030+30.00	HB45	1563.98	97.40	-2.00%	0.00	1565.93	0.00	-2.00%	0.00	1565.93	HB45	0.0133	1.8765	0.0000	1.536	1.581	**Left**	HB45	12.00	0.00	4.50	1.21	5.71	18.000	**OK**	0.499	0.514	3.148	3.077		1.581
	Grade		2030+35.00	HB45	1564.04	97.80	-2.00%	0.00	1566.00	0.00	-2.00%	0.00	1566.00	HB45	0.0134	1.8654	0.0000	1.491	1.536	**Left**	HB45	12.00	0.00	4.50	1.10	5.60	18.000	**OK**	0.489	0.502	3.122	3.062		1.536
	Grade		2030+40.00	HB45	1564.10	98.20	-2.00%	0.00	1566.06	0.00	-2.00%	0.00	1566.06	HB45	0.0135	1.8542	0.0000	1.446	1.491	**Left**	HB45	12.00	0.00	4.50	1.00	5.50	18.000	**OK**	0.480	0.490	3.096	3.046		1.491
	Grade		2030+45.00	HB45	1564.16	98.60	-2.00%	0.00	1566.13	0.00	-2.00%	0.00	1566.13	HB45	0.0136	1.8429	0.0000	1.401	1.446	**Left**	HB45	12.00	0.00	4.50	0.89	5.39	18.000	**OK**	0.470	0.478	3.069	3.028		1.446
	Grade		2030+50.00	HB45	1564.22	99.00	-2.00%	0.00	1566.20	0.00	-2.00%	0.00	1566.20	HB45	0.0137	1.8316	0.0000	1.355	1.401	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.460	0.466	3.041	3.008		1.401
	Grade		2030+55.00	HB45	1564.28	99.40	-2.00%	0.00	1566.27	0.00	-2.00%	0.00	1566.27	HB45	0.0138	1.8203	0.0000	1.310	1.355	**Left**	HB45	12.00	0.00	4.50	0.66	5.16	18.000	**OK**	0.449	0.454	3.011	2.986		1.355
	Grade		2030+60.00	HB45	1564.34	99.80	-2.00%	0.00	1566.34	0.00	-2.00%	0.00	1566.34	HB45	0.0139	1.8089	0.0000	1.264	1.310	**Left**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.439	0.442	2.980	2.963		1.310
	Grade		2030+65.00	HB45	1564.40	100.20	-2.00%	0.00	1566.41	0.00	-2.00%	0.00	1566.41	HB45	0.0140	1.7975	0.0000	1.218	1.264	**Left**	HB45	12.00	0.00	4.50	0.43	4.93	18.000	**OK**	0.428	0.430	2.948	2.937		1.264
	Grade		2030+70.00	HB45	1564.47	100.60	-2.00%	0.00	1566.48	0.00	-2.00%	0.00	1566.48	HB45	0.0141	1.7860	0.0000	1.172	1.218	**Left**	HB45	12.00	0.00	4.50	0.31	4.81	18.000	**OK**	0.418	0.419	2.915	2.909		1.218
	Grade		2030+75.00	HB45	1564.53	101.00	-2.00%	0.00	1566.55	0.00	-2.00%	0.00	1566.55	HB45	0.0142	1.7745	0.0000	1.125	1.172	**Left**	HB45	12.00	0.00	4.50	0.19	4.69	18.000	**OK**	0.407	0.407	2.881	2.878		1.172
	Grade		2030+80.00	HB45	1564.59	101.40	-2.00%	0.00	1566.62	0.00	-2.00%	0.00	1566.62	HB45	0.0143	1.7629	0.0000	1.079	1.125	**Left**	HB45	12.00	0.00	4.50	0.06	4.56	18.000	**OK**	0.396	0.396	2.845	2.844		1.125
	Grade		2030+85.00	HB45	1564.66	101.80	-2.00%	0.00	1566.69	0.00	-2.00%	0.00	1566.69	HB45	0.0144	1.7513	0.0000	1.032	1.079	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.384	0.384	2.808	2.808		1.079
	Grade		2030+90.00	HB45	1564.72	102.20	-2.00%	0.00	1566.77	0.00	-2.00%	0.00	1566.77	HB45	0.0145	1.7396	0.0000	0.985	1.032	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	2.769	2.769		1.032
	Grade		2030+95.00	HB45	1564.79	102.60	-2.00%	0.00	1566.84	0.00	-2.00%	0.00	1566.84	HB45	0.0146	1.7279	0.0000	0.938	0.985	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.361	0.361	2.729	2.729		0.985
	Grade		2031+00.00	HB45	1564.85	103.00	-2.00%	0.00	1566.91	0.00	-2.00%	0.00	1566.91	HB45	0.0147	1.7162	0.0000	0.890	0.938	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.349	0.349	2.688	2.688		0.938
	Grade		2031+05.00	HB45	1564.92	103.50	-2.00%	0.00	1566.99	0.00	-2.00%	0.00	1566.99	HB45	0.0148	1.7044	0.0000	0.843	0.890	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.337	0.337	2.646	2.646		0.890
	Grade		2031+10.00	HB45	1564.98	104.00	-2.00%	0.00	1567.06	0.00	-2.00%	0.00	1567.06	HB45	0.0149	1.6925	0.0000	0.795	0.843	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.324	0.324	2.601	2.601		0.843
	Grade		2031+15.00	HB45	1565.04	104.50	-2.00%	0.00	1567.13	0.00	-2.00%	0.00	1567.13	HB45	0.0150	1.6806	0.0000	0.747	0.795	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.311	0.311	2.555	2.555		0.795
	Grade		2031+20.00	HB45	1565.11	105.00	-2.00%	0.00	1567.21	0.00	-2.00%	0.00	1567.21	HB45	0.0151	1.6686	0.0000	0.699	0.747	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.298	0.298	2.507	2.507		0.747
	Grade		2031+25.00	HB45	1565.18	105.50	-2.00%	0.00	1567.29	0.00	-2.00%	0.00	1567.29	HB45	0.0152	1.6566	0.0000	0.651	0.699	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	2.458	2.458		0.699
	Grade		2031+30.00	HB45	1565.24	106.00	-2.00%	0.00	1567.36	0.00	-2.00%	0.00	1567.36	HB45	0.0153	1.6445	0.0000	0.602	0.651	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.270	0.270	2.406	2.406		0.651
	Grade		2031+35.00	HB45	1565.31	106.50	-2.00%	0.00	1567.44	0.00	-2.00%	0.00	1567.44	HB45	0.0154	1.6324	0.0000	0.553	0.602	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.256	0.256	2.353	2.353		0.602
	Grade		2031+40.00	HB45	1565.38	107.00	-2.00%	0.00	1567.52	0.00	-2.00%	0.00	1567.52	HB45	0.0155	1.6202	0.0000	0.504	0.553	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.241	0.241	2.298	2.298		0.553
	Grade		2031+45.00	HB45	1565.44	107.50	-2.00%	0.00	1567.59	0.00	-2.00%	0.00	1567.59	HB45	0.0156	1.6080	0.0000	0.455	0.504	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.225	0.225	2.242	2.242		0.504
	Grade		2031+50.00	HB45	1565.51	108.00	-2.00%	0.00	1567.67	0.00	-2.00%	0.00	1567.67	HB45	0.0157	1.5956	0.0000	0.405	0.455	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.208	0.208	2.185	2.185		0.455
	Grade		2031+55.00	HB45	1565.58	108.50	-2.00%	0.00	1567.75	0.00	-2.00%	0.00	1567.75	HB45	0.0158	1.5833	0.0000	0.355	0.405	**Left**	HB45	12.00	0.00	4.36	0.00	4.36	18.000	**OK**	0.190	0.190	2.128	2.128		0.405
	Grade		2031+60.00	HB45	1565.65	109.00	-2.00%	0.00	1567.83	0.00	-2.00%	0.00	1567.83	HB45	0.0159	1.5708	0.0000	0.305	0.355	**Left**	HB45	12.00	0.00	4.15	0.00	4.15	18.000	**OK**	0.172	0.172	2.064	2.064		0.355
	Grade		2031+65.00	HB45	1565.72	109.50	-2.00%	0.00	1567.91	0.00	-2.00%	0.00	1567.91	HB45	0.0160	1.5584	0.0000	0.255	0.305	**Left**	HB45	12.00	0.00	3.91	0.00	3.91	18.000	**OK**	0.153	0.153	1.992	1.992		0.305
	Grade		2031+70.00	HB45	1565.79	110.00	-2.00%	0.00	1567.99	0.00	-2.00%	0.00	1567.99	HB45	0.0161	1.5458	0.0000	0.204	0.255	**Left**	HB45	12.00	0.00	3.65	0.00	3.65	18.000	**OK**	0.134	0.134	1.909	1.909		0.255
	Grade		2031+75.00	HB45	1565.86	110.50	-2.00%	0.00	1568.07	0.00	-2.00%	0.00	1568.07	HB45	0.0162	1.5332	0.0000	0.154	0.204	**Left**	HB45	12.00	0.00	3.36	0.00	3.36	18.000	**OK**	0.113	0.113	1.810	1.810		0.204
	Grade		2031+80.00	HB45	1565.93	111.00	-2.00%	0.00	1568.15	0.00	-2.00%	0.00	1568.15	HB45	0.0163	1.5206	0.0000	0.103	0.154	**Left**	HB45	12.00	0.00	3.01	0.00	3.01	18.000	**OK**	0.091	0.091	1.690	1.690		0.154
	Grade		2031+85.00	HB45	1566.00	111.50	-2.00%	0.00	1568.23	0.00	-2.00%	0.00	1568.23	HB45	0.0164	1.5079	0.0000	0.051	0.103	**Left**	HB45	12.00	0.00	2.59	0.00	2.59	18.000	**OK**	0.067	0.067	1.531	1.531		0.103
	Grade		2031+90.00	HB45	1566.08	112.00	-2.00%	0.00	1568.32	0.00	-2.00%	0.00	1568.32	HB45	0.0165	1.4951	0.0000	0.000	0.051	**Left**	HB45	12.00	0.00	2.00	0.00	2.00	18.000	**OK**	0.040	0.040	1.291	1.291		0.051
	Grade	3	2031+95.00	HB45	1567.21	59.36	-2.00%	0.00	1568.40	0.00	-2.00%	0.00	1568.40	HB45	0.0166	1.4823	0.0000	0.820	0.860	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.317	0.317	2.713	2.713	3	0.860
	Grade		2032+00.00	HB45	1567.30	59.29	-2.00%	0.00	1568.48	0.00	-2.00%	0.00	1568.48	HB45	0.0167	1.4724	0.0000	0.793	0.820	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.307	0.307	2.675	2.675		0.820
	Grade		2032+05.00	HB45	1567.38	59.21	-2.00%	0.00	1568.57	0.00	-2.00%	0.00	1568.57	HB45	0.0168	1.4656	0.0000	0.766	0.793	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.299	0.299	2.650	2.650		0.793
	Grade		2032+10.00	HB45	1567.47	59.14	-2.00%	0.00	1568.65	0.00	-2.00%	0.00	1568.65	HB45	0.0169	1.4588	0.0000	0.738	0.766	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.292	0.292	2.625	2.625		0.766
	Grade		2032+15.00	HB45	1567.55	59.06	-2.00%	0.00	1568.74	0.00	-2.00%	0.00	1568.74	HB45	0.0170	1.4520	0.0000	0.711	0.738	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	2.598	2.598		0.738
	Grade		2032+20.00	HB45	1567.64	58.99	-2.00%	0.00	1568.82	0.00	-2.00%	0.00	1568.82	HB45	0.0171	1.4452	0.0000	0.684	0.711	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.277	0.277	2.572	2.572		0.711
	Grade		2032+25.00	HB45	1567.73	58.91	-2.00%	0.00	1568.91	0.00	-2.00%	0.00	1568.91	HB45	0.0172	1.4385	0.0000	0.657	0.684	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.269	0.269	2.545	2.545		0.684
	Grade		2032+30.00	HB45	1567.82	58.84	-2.00%	0.00	1568.99	0.00	-2.00%	0.00	1568.99	HB45	0.0173	1.4317	0.0000	0.630	0.657	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.261	0.261	2.517	2.517		0.657
	Grade		2032+35.00	HB45	1567.90	58.77	-2.00%	0.00	1569.08	0.00	-2.00%	0.00	1569.08	HB45	0.0174	1.4249	0.0000	0.603	0.630	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.253	0.253	2.489	2.489		0.630
	Grade		2032+40.00	HB45	1567.99	58.69	-2.00%	0.00	1569.17	0.00	-2.00%	0.00	1569.17	HB45	0.0175	1.4182	0.0000	0.576	0.603	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.245	0.245	2.461	2.461		0.603
	Grade		2032+45.00	HB45	1568.08	58.62	-2.00%	0.00	1569.26	0.00	-2.00%	0.00	1569.26	HB45	0.0176	1.4115	0.0000	0.549	0.576	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.237	0.237	2.432	2.432		0.576
	Grade		2032+50.00	HB45	1568.17	58.54	-2.00%	0.00	1569.34	0.00	-2.00%	0.00	1569.34	HB45	0.0177	1.4047	0.0000	0.522	0.549	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.228	0.228	2.403	2.403		0.549
	Grade		2032+55.00	HB45	1568.26	58.47	-2.00%	0.00	1569.43	0.00	-2.00%	0.00	1569.43	HB45	0.0178	1.3980	0.0000	0.495	0.522	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.220	0.220	2.374	2.374		0.522
	Grade		2032+60.00	HB45	1568.35	58.39	-2.00%	0.00	1569.52	0.00	-2.00%	0.00	1569.52	HB45	0.0179	1.3913	0.0000	0.468	0.495	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.211	0.211	2.345	2.345		0.495
	Grade		2032+65.00	HB45	1568.45	58.32	-2.00%	0.00	1569.61	0.00	-2.00%	0.00	1569.61	HB45	0.0180	1.3846	0.0000	0.441	0.468	**Left**	HB45	12.00	0.00	4.49	0.00	4.49	18.000	**OK**	0.202	0.202	2.317	2.317		0.468
	Grade		2032+70.00	HB45	1568.54	58.25	-2.00%	0.00	1569.70	0.00	-2.00%	0.00	1569.70	HB45	0.0181	1.3779	0.0000	0.414	0.441	**Left**	HB45	12.00	0.00	4.39	0.00	4.39	18.000	**OK**	0.193	0.193	2.288	2.288		0.441

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2032+75.00	HB45	1568.63	58.17	-2.00%	0.00	1569.79	0.00	-2.00%	0.00	1569.79	HB45	0.0182	1.3712	0.0000	0.387	0.414	**Left**	HB45	12.00	0.00	4.28	0.00	4.28	18.000	**OK**	0.184	0.184	2.257	2.257		0.414
	Grade		2032+80.00	HB45	1568.72	58.10	-2.00%	0.00	1569.88	0.00	-2.00%	0.00	1569.88	HB45	0.0183	1.3645	0.0000	0.361	0.387	**Left**	HB45	12.00	0.00	4.17	0.00	4.17	18.000	**OK**	0.174	0.174	2.224	2.224		0.387
	Grade		2032+85.00	HB45	1568.82	58.02	-2.00%	0.00	1569.98	0.00	-2.00%	0.00	1569.98	HB45	0.0184	1.3578	0.0000	0.334	0.361	**Left**	HB45	12.00	0.00	4.06	0.00	4.06	18.000	**OK**	0.165	0.165	2.189	2.189		0.361
	Grade		2032+90.00	HB45	1568.91	57.95	-2.00%	0.00	1570.07	0.00	-2.00%	0.00	1570.07	HB45	0.0185	1.3512	0.0000	0.307	0.334	**Left**	HB45	12.00	0.00	3.94	0.00	3.94	18.000	**OK**	0.155	0.155	2.152	2.152		0.334
	Grade		2032+95.00	HB45	1569.00	57.87	-2.00%	0.00	1570.16	0.00	-2.00%	0.00	1570.16	HB45	0.0186	1.3445	0.0000	0.281	0.307	**Left**	HB45	12.00	0.00	3.82	0.00	3.82	18.000	**OK**	0.146	0.146	2.112	2.112		0.307
	Grade		2033+00.00	HB45	1569.10	57.80	-2.00%	0.00	1570.25	0.00	-2.00%	0.00	1570.25	HB45	0.0187	1.3379	0.0000	0.254	0.281	**Left**	HB45	12.00	0.00	3.68	0.00	3.68	18.000	**OK**	0.136	0.136	2.068	2.068		0.281
	Grade		2033+05.00	HB45	1569.19	57.84	-2.00%	0.00	1570.35	0.00	-2.00%	0.00	1570.35	HB45	0.0188	1.3312	0.0000	0.227	0.254	**Left**	HB45	12.00	0.00	3.55	0.00	3.55	18.000	**OK**	0.126	0.126	2.022	2.022		0.254
	Grade		2033+10.00	HB45	1569.28	57.88	-2.00%	0.00	1570.44	0.00	-2.00%	0.00	1570.44	HB45	0.0189	1.3246	0.0000	0.201	0.227	**Left**	HB45	12.00	0.00	3.40	0.00	3.40	18.000	**OK**	0.115	0.115	1.970	1.970		0.227
	Grade		2033+15.00	HB45	1569.38	57.92	-2.00%	0.00	1570.54	0.00	-2.00%	0.00	1570.54	HB45	0.0190	1.3179	0.0000	0.174	0.201	**Left**	HB45	12.00	0.00	3.24	0.00	3.24	18.000	**OK**	0.105	0.105	1.914	1.914		0.201
	Grade		2033+20.00	HB45	1569.47	57.97	-2.00%	0.00	1570.63	0.00	-2.00%	0.00	1570.63	HB45	0.0191	1.3113	0.0000	0.148	0.174	**Left**	HB45	12.00	0.00	3.07	0.00	3.07	18.000	**OK**	0.094	0.094	1.850	1.850		0.174
	Grade		2033+25.00	HB45	1569.57	58.01	-2.00%	0.00	1570.73	0.00	-2.00%	0.00	1570.73	HB45	0.0192	1.3046	0.0000	0.121	0.148	**Left**	HB45	12.00	0.00	2.88	0.00	2.88	18.000	**OK**	0.083	0.083	1.779	1.779		0.148
	Grade		2033+30.00	HB45	1569.66	58.05	-2.00%	0.00	1570.82	0.00	-2.00%	0.00	1570.82	HB45	0.0193	1.2980	0.0000	0.094	0.121	**Left**	HB45	12.00	0.00	2.67	0.00	2.67	18.000	**OK**	0.071	0.071	1.695	1.695		0.121
	Grade		2033+35.00	HB45	1569.76	58.09	-2.00%	0.00	1570.92	0.00	-2.00%	0.00	1570.92	HB45	0.0194	1.2913	0.0000	0.067	0.094	**Left**	HB45	12.00	0.00	2.43	0.00	2.43	18.000	**OK**	0.059	0.059	1.596	1.596		0.094
	Grade		2033+40.00	HB45	1569.86	58.13	-2.00%	0.00	1571.02	0.00	-2.00%	0.00	1571.02	HB45	0.0195	1.2847	0.0000	0.041	0.067	**Left**	HB45	12.00	0.00	2.14	0.00	2.14	18.000	**OK**	0.046	0.046	1.471	1.471		0.067
	Grade		2033+45.00	HB45	1569.95	58.17	-2.00%	0.00	1571.12	0.00	-2.00%	0.00	1571.12	HB45	0.0196	1.2780	0.0000	0.014	0.041	**Left**	HB45	12.00	0.00	1.77	0.00	1.77	18.000	**OK**	0.031	0.031	1.299	1.299		0.041
	Grade	3	2033+50.00	HB45	1570.05	58.21	-2.00%	0.00	1571.21	0.00	-2.00%	0.00	1571.21	HB45	0.0197	1.2713	0.0000	1.928	1.955	**Left**	HB45	12.00	0.00	4.50	1.26	5.76	18.000	**OK**	0.504	0.520	3.854	3.761	3	1.955
	Grade		2033+55.00	HB45	1570.15	58.25	-2.00%	0.00	1571.31	0.00	-2.00%	0.00	1571.31	HB45	0.0198	1.2646	0.0000	1.901	1.928	**Left**	HB45	12.00	0.00	4.50	1.21	5.71	18.000	**OK**	0.499	0.514	3.841	3.755		1.928
	Grade		2033+60.00	HB45	1570.25	58.30	-2.00%	0.00	1571.41	0.00	-2.00%	0.00	1571.41	HB45	0.0199	1.2580	0.0000	1.875	1.901	**Left**	HB45	12.00	0.00	4.50	1.16	5.66	18.000	**OK**	0.494	0.507	3.827	3.748		1.901
	Grade		2033+65.00	HB45	1570.35	58.34	-2.00%	0.00	1571.51	0.00	-2.00%	0.00	1571.51	HB45	0.0200	1.2513	0.0000	1.848	1.875	**Left**	HB45	12.00	0.00	4.50	1.10	5.60	18.000	**OK**	0.489	0.501	3.814	3.740		1.875
	Grade		2033+70.00	HB45	1570.45	58.38	-2.00%	0.00	1571.61	0.00	-2.00%	0.00	1571.61	HB45	0.0201	1.2446	0.0000	1.821	1.848	**Left**	HB45	12.00	0.00	4.50	1.05	5.55	18.000	**OK**	0.484	0.495	3.800	3.732		1.848
	Grade		2033+75.00	HB45	1570.55	58.42	-2.00%	0.00	1571.71	0.00	-2.00%	0.00	1571.71	HB45	0.0202	1.2379	0.0000	1.794	1.821	**Left**	HB45	12.00	0.00	4.50	0.99	5.49	18.000	**OK**	0.479	0.489	3.786	3.724		1.821
	Grade		2033+80.00	HB45	1570.65	58.46	-2.00%	0.00	1571.81	0.00	-2.00%	0.00	1571.81	HB45	0.0203	1.2312	0.0000	1.767	1.794	**Left**	HB45	12.00	0.00	4.50	0.93	5.43	18.000	**OK**	0.474	0.483	3.771	3.715		1.794
	Grade		2033+85.00	HB45	1570.75	58.50	-2.00%	0.00	1571.92	0.00	-2.00%	0.00	1571.92	HB45	0.0204	1.2245	0.0000	1.740	1.767	**Left**	HB45	12.00	0.00	4.50	0.88	5.38	18.000	**OK**	0.469	0.477	3.756	3.706		1.767
	Grade		2033+90.00	HB45	1570.85	58.54	-2.00%	0.00	1572.02	0.00	-2.00%	0.00	1572.02	HB45	0.0205	1.2178	0.0000	1.713	1.740	**Left**	HB45	12.00	0.00	4.50	0.82	5.32	18.000	**OK**	0.464	0.471	3.741	3.696		1.740
	Grade		2033+95.00	HB45	1570.95	58.58	-2.00%	0.00	1572.12	0.00	-2.00%	0.00	1572.12	HB45	0.0206	1.2110	0.0000	1.686	1.713	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.459	0.465	3.725	3.686		1.713
	Grade		2034+00.00	HB45	1571.05	58.63	-2.00%	0.00	1572.23	0.00	-2.00%	0.00	1572.23	HB45	0.0207	1.2043	0.0000	1.659	1.686	**Left**	HB45	12.00	0.00	4.50	0.71	5.21	18.000	**OK**	0.454	0.459	3.710	3.675		1.686
	Grade		2034+05.00	HB45	1571.16	58.67	-2.00%	0.00	1572.33	0.00	-2.00%	0.00	1572.33	HB45	0.0208	1.1976	0.0000	1.632	1.659	**Left**	HB45	12.00	0.00	4.50	0.65	5.15	18.000	**OK**	0.449	0.453	3.693	3.664		1.659
	Grade		2034+10.00	HB45	1571.26	58.71	-2.00%	0.00	1572.43	0.00	-2.00%	0.00	1572.43	HB45	0.0209	1.1909	0.0000	1.605	1.632	**Left**	HB45	12.00	0.00	4.50	0.59	5.09	18.000	**OK**	0.443	0.447	3.677	3.652		1.632
	Grade		2034+15.00	HB45	1571.36	58.75	-2.00%	0.00	1572.54	0.00	-2.00%	0.00	1572.54	HB45	0.0210	1.1841	0.0000	1.578	1.605	**Left**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.438	0.441	3.660	3.639		1.605
	Grade		2034+20.00	HB45	1571.47	58.79	-2.00%	0.00	1572.64	0.00	-2.00%	0.00	1572.64	HB45	0.0211	1.1774	0.0000	1.551	1.578	**Left**	HB45	12.00	0.00	4.50	0.48	4.98	18.000	**OK**	0.433	0.435	3.643	3.626		1.578
	Grade		2034+25.00	HB45	1571.57	58.83	-2.00%	0.00	1572.75	0.00	-2.00%	0.00	1572.75	HB45	0.0212	1.1706	0.0000	1.524	1.551	**Left**	HB45	12.00	0.00	4.50	0.42	4.92	18.000	**OK**	0.428	0.429	3.625	3.612		1.551
	Grade		2034+30.00	HB45	1571.68	58.87	-2.00%	0.00	1572.86	0.00	-2.00%	0.00	1572.86	HB45	0.0213	1.1639	0.0000	1.497	1.524	**Left**	HB45	12.00	0.00	4.50	0.36	4.86	18.000	**OK**	0.422	0.424	3.607	3.597		1.524
	Grade		2034+35.00	HB45	1571.78	58.91	-2.00%	0.00	1572.96	0.00	-2.00%	0.00	1572.96	HB45	0.0214	1.1571	0.0000	1.470	1.497	**Left**	HB45	12.00	0.00	4.50	0.30	4.80	18.000	**OK**	0.417	0.418	3.589	3.582		1.497
	Grade		2034+40.00	HB45	1571.89	58.96	-2.00%	0.00	1573.07	0.00	-2.00%	0.00	1573.07	HB45	0.0215	1.1504	0.0000	1.443	1.470	**Left**	HB45	12.00	0.00	4.50	0.24	4.74	18.000	**OK**	0.412	0.412	3.570	3.566		1.470
	Grade		2034+45.00	HB45	1572.00	59.00	-2.00%	0.00	1573.18	0.00	-2.00%	0.00	1573.18	HB45	0.0216	1.1436	0.0000	1.416	1.443	**Left**	HB45	12.00	0.00	4.50	0.18	4.68	18.000	**OK**	0.406	0.407	3.551	3.549		1.443
	Grade		2034+50.00	HB45	1572.10	59.04	-2.00%	0.00	1573.29	0.00	-2.00%	0.00	1573.29	HB45	0.0217	1.1368	0.0000	1.389	1.416	**Left**	HB45	12.00	0.00	4.50	0.12	4.62	18.000	**OK**	0.401	0.401	3.532	3.531		1.416
	Grade		2034+55.00	HB45	1572.21	59.08	-2.00%	0.00	1573.39	0.00	-2.00%	0.00	1573.39	HB45	0.0218	1.1301	0.0000	1.362	1.389	**Left**	HB45	12.00	0.00	4.50	0.06	4.56	18.000	**OK**	0.395	0.395	3.512	3.512		1.389
	Grade		2034+60.00	HB45	1572.32	59.12	-2.00%	0.00	1573.50	0.00	-2.00%	0.00	1573.50	HB45	0.0219	1.1233	0.0000	1.334	1.362	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.390	0.390	3.492	3.492		1.362
	Grade		2034+65.00	HB45	1572.43	59.16	-2.00%	0.00	1573.61	0.00	-2.00%	0.00	1573.61	HB45	0.0220	1.1165	0.0000	1.307	1.334	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.384	0.384	3.472	3.472		1.334
	Grade		2034+70.00	HB45	1572.54	59.20	-2.00%	0.00	1573.72	0.00	-2.00%	0.00	1573.72	HB45	0.0221	1.1097	0.0000	1.280	1.307	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.379	0.379	3.451	3.451		1.307
	Grade		2034+75.00	HB45	1572.65	59.24	-2.00%	0.00	1573.83	0.00	-2.00%	0.00	1573.83	HB45	0.0222	1.1029	0.0000	1.253	1.280	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	3.430	3.430		1.280
	Grade		2034+80.00	HB45	1572.76	59.29	-2.00%	0.00	1573.95	0.00	-2.00%	0.00	1573.95	HB45	0.0223	1.0961	0.0000	1.225	1.253	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.368	0.368	3.408	3.408		1.253
	Grade		2034+85.00	HB45	1572.87	59.33	-2.00%	0.00	1574.06	0.00	-2.00%	0.00	1574.06	HB45	0.0224	1.0893	0.0000	1.198	1.225	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.362	0.362	3.387	3.387		1.225
	Grade		2034+90.00	HB45	1572.98	59.37	-2.00%	0.00	1574.17	0.00	-2.00%	0.00	1574.17	HB45	0.0225	1.0825	0.0000	1.171	1.198	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.356	0.356	3.364	3.364		1.198
	Grade		2034+95.00	HB45	1573.09	59.41	-2.00%	0.00	1574.28	0.00	-2.00%	0.00	1574.28	HB45	0.0226	1.0757	0.0000	1.143	1.171	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.350	0.350	3.342	3.342		1.171
	Grade		2035+00.00	HB45	1573.21	59.45	-2.00%	0.00	1574.40	0.00	-2.00%	0.00	1574.40	HB45	0.0227	1.0689	0.0000	1.116	1.143	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.345	0.345	3.319	3.319		1.143
	Grade		2035+05.00	HB45	1573.38	59.45	-1.90%	0.00	1574.51	0.00	-1.90%	0.00	1574.51	HB45	0.0228	1.0621	0.0000	1.089	1.116	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.339	0.339	3.295	3.295		1.116
	Grade		2035+10.00	HB45	1573.55	59.45	-1.80%	0.00	1574.62	0.00	-1.80%	0.00	1574.62	HB45	0.0229	1.0552	0.0000	1.061	1.089	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.333	0.333	3.271	3.271		1.089
	Grade		2035+15.00	HB45	1573.73	59.46	-1.70%	0.00	1574.74	0.00	-1.70%	0.00	1574.74	HB45	0.0230	1.0484	0.0000	1.034	1.061	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.327	0.327	3.247	3.247		1.061
	Grade		2035+20.00	HB45	1573.90	59.46	-1.60%	0.00	1574.85	0.00	-1.60%	0.00	1574.85	HB45	0.0231	1.0416	0.0000	1.007	1.034	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.321	0.321	3.222	3.222		1.034
	Grade		2035+25.00	HB45	1574.08	59.46	-1.50%	0.00	1574.97	0.00	-1.50%	0.00	1574.97	HB45	0.0232	1.0348	0.0000	0.979	1.007	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.315	0.315	3.197	3.197		1.007
	Grade		2035+30.00	HB45	1574.25	59.46	-1.40%	0.00	1575.09	0.00	-1.40%	0.00	1575.09	HB45	0.0233	1.0279	0.0000	0.952	0.979	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.309	0.309	3.172	3.172		0.979
	Grade		2035+35.00	HB45	1574.43	59.47	-1.30%	0.00	1575.20	0.00	-1.30%	0.00	1575.20	HB45	0.0234	1.0211	0.0000	0.925	0.952	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.303	0.303	3.146	3.146		0.952
	Grade		2035+40.00	HB45	1574.61	59.47	-1.20%	0.00	1575.32	0.00	-1.20%	0.00	1575.32	HB45	0.0235	1.0143	0.0000	0.897	0.925	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.296	0.296	3.120	3.120		0.925
	Grade		2035+45.00	HB45	1574.78	59.47	-1.10%	0.00	1575.44	0.00	-1.10%	0.00	1575.44	HB45	0.0236	1.0075	0.0000	0.870	0.897	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.290	0.290	3.093	3.093		0.897
	Grade		2035+50.00	HB45	1574.96	59.47	-1.00%	0.00	1575.56	0.00	-1.00%	0.00	1575.56	HB45	0.0237	1.0006	0.0000	0.842	0.870	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	3.066	3.066		0.870
	Grade		2035+55.00	HB45	1575.14	59.47	-0.90%	0.00	1575.67	0.00	-0.90%	0.00	1575.67	HB45	0.0238	0.9938	0.0000	0.815	0.842	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.277	0.277	3.038	3.038		0.842
	Grade		2035+60.00	HB45	1575.32	59.48	-0.80%	0.00	1575.79	0.00	-0.80%	0.00	1575.79	HB45	0.0239	0.9870	0.0000	0.788	0.815	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.271	0.271	3.010	3.010		0.815
	Grade		2035+65.00	HB45	1575.50	59.48	-0.70%	0.00	1575.91	0.00	-0.70%	0.00	1575.91	HB45	0.0240	0.9802	0.0000	0.760	0.788	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.264	0.264	2.982	2.982		0.788
	Grade		2035+70.00	HB45	1575.68	59.48	-0.60%	0.00	1576.03	0.00	-0.60%	0.00	1576.03	HB45	0.0241	0.9733	0.0000	0.733	0.760	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.257	0.257	2.953	2.953		0.760
	Grade		2035+75.00	HB45	1575.86	59.48	-0.50%	0.00	1576.15	0.00	-0.50%	0.00	1576.15	HB45	0.0242	0.9665	0.0000	0.706	0.733	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.251	0.251	2.924	2.924		0.733
	Grade		2035+80.00	HB45	1576.04	59.48	-0.40%	0.00	1576.28	0.00	-0.40%	0.00	1576.28	HB45	0.0243	0.9597	0.0000	0.678	0.706	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.244	0.244	2.894	2.894		0.706
	Grade		2035+85.00	HB45	1576.22	59.49	-0.30%	0.00	1576.40	0.00	-0.30%	0.00	1576.40	HB45	0.0244	0.9528	0.0000	0.651	0.678	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.237	0.237	2.865	2.865		0.678
	Grade		2035+90.00	HB45	1576.40	59.49	-0.20%	0.00	1576.52	0.00	-0.20%	0.00	1576.52	HB45	0.0245	0.9460	0.0000	0.623	0.651	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.230	0.230	2.834	2.834		0.651
Super Trans	Grade		2035+95.00	HB45	1576.58	59.49	-0.10%	0.00	1576.64	0.00	-0.10%	0.00	1576.64	HB45	0.0246	0.9392	0.0000	0.596	0.623	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.222	0.222	2.804	2.804		0.623
Super Trans	Grade		2036+00.00	HB45	1576.77	59.49	0.00%	0.00	1576.77	0.00	0.00%	0.00	1576.77	HB45	0.0247	0.9324	0.0000	0.569	0.596	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.215	0.215	2.774	2.774		0.596
Super Trans	Grade		2036+05.00	HB45	1576.90	59.50	0.03%	0.00	1576.89	0.00	0.03%	0.00	1576.89	HB45	0.0248	0.9255	0.0000	0.541	0.569	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.207	0.207	2.744	2.744		0.569
Super Trans	Grade		2036+10.00	HB45	1577.04	59.50	0.05%	0.00	1577.01	0.00	0.05%	0.00	1577.01	HB45	0.0249	0.9187	0.0000	0.514	0.541	**Right**	HB45	12.00	0.00	4.47	0.00	4.47	18.000	**OK**	0.199	0.199	2.714	2.714		0.541
Super Trans	Grade		2036+15.00	HB45	1577.18	59.50	0.08%	0.00	1577.14	0.00	0.08%	0.00	1577.14	HB45	0.0250	0.9119	0.0000	0.487	0.514	**Right**	HB45	12.00	0.00	4.38	0.00	4.38	18.000	**OK**	0.192	0.192	2.683	2.683		0.514
	Grade		2036+20.00	HB45	1577.32	59.50	0.10%	0.00	1577.26	0.00	0.10%	0.00	1577.26	HB45	0.0251	0.9050	0.0000	0.459	0.487	**Right**	HB45	12.00	0.00	4.28	0.00	4.28	18.000	**OK**	0.184	0.184	2.650	2.650		0.487
	Grade		2036+25.00	HB45	1577.46	59.50	0.13%	0.00	1577.39	0.00	0.13%	0.00	1577.39	HB45	0.0252	0.8982	0.0000	0.432	0.459	**Right**	HB45	12.00	0.00	4.19	0.00	4.19	18.000	**OK**	0.176	0.176	2.616	2.616		0.459

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2036+30.00	HB45	1577.61	59.50	0.15%	0.00	1577.52	0.00	0.15%	0.00	1577.52	HB45	0.0253	0.8914	0.0000	0.404	0.432	**Right**	HB45	12.00	0.00	4.09	0.00	4.09	18.000	**OK**	0.167	0.167	2.580	2.580		0.432
	Grade		2036+35.00	HB45	1577.75	59.50	0.18%	0.00	1577.64	0.00	0.18%	0.00	1577.64	HB45	0.0254	0.8846	0.0000	0.377	0.404	**Right**	HB45	12.00	0.00	3.99	0.00	3.99	18.000	**OK**	0.159	0.159	2.542	2.542		0.404
	Grade		2036+40.00	HB45	1577.89	59.50	0.20%	0.00	1577.77	0.00	0.20%	0.00	1577.77	HB45	0.0255	0.8777	0.0000	0.350	0.377	**Right**	HB45	12.00	0.00	3.88	0.00	3.88	18.000	**OK**	0.151	0.151	2.502	2.502		0.377
	Grade		2036+45.00	HB45	1578.03	59.50	0.23%	0.00	1577.90	0.00	0.23%	0.00	1577.90	HB45	0.0256	0.8709	0.0000	0.322	0.350	**Right**	HB45	12.00	0.00	3.77	0.00	3.77	18.000	**OK**	0.142	0.142	2.458	2.458		0.350
	Grade		2036+50.00	HB45	1578.17	59.50	0.25%	0.00	1578.03	0.00	0.25%	0.00	1578.03	HB45	0.0257	0.8641	0.0000	0.295	0.322	**Right**	HB45	12.00	0.00	3.66	0.00	3.66	18.000	**OK**	0.134	0.134	2.412	2.412		0.322
	Grade		2036+55.00	HB45	1578.32	59.50	0.28%	0.00	1578.15	0.00	0.28%	0.00	1578.15	HB45	0.0258	0.8572	0.0000	0.268	0.295	**Right**	HB45	12.00	0.00	3.53	0.00	3.53	18.000	**OK**	0.125	0.125	2.363	2.363		0.295
	Grade		2036+60.00	HB45	1578.47	60.39	0.30%	0.00	1578.28	0.00	0.30%	0.00	1578.28	HB45	0.0259	0.8504	0.0000	0.240	0.268	**Right**	HB45	12.00	0.00	3.40	0.00	3.40	18.000	**OK**	0.116	0.116	2.309	2.309		0.268
	Grade		2036+65.00	HB45	1578.61	61.28	0.33%	0.00	1578.41	0.00	0.33%	0.00	1578.41	HB45	0.0260	0.8435	0.0000	0.212	0.240	**Right**	HB45	12.00	0.00	3.27	0.00	3.27	18.000	**OK**	0.107	0.107	2.251	2.251		0.240
	Grade		2036+70.00	HB45	1578.76	62.17	0.35%	0.00	1578.54	0.00	0.35%	0.00	1578.54	HB45	0.0261	0.8365	0.0000	0.184	0.212	**Right**	HB45	12.00	0.00	3.11	0.00	3.11	18.000	**OK**	0.097	0.097	2.185	2.185		0.212
	Grade		2036+75.00	HB45	1578.91	63.06	0.38%	0.00	1578.67	0.00	0.38%	0.00	1578.67	HB45	0.0262	0.8295	0.0000	0.155	0.184	**Right**	HB45	12.00	0.00	2.95	0.00	2.95	18.000	**OK**	0.087	0.087	2.111	2.111		0.184
	Grade	3	2036+80.00	HB45	1579.45	63.94	0.40%	0.00	1579.20	0.00	0.40%	0.00	1579.20	HB45	0.1042	0.8223	0.0000	1.024	1.054	**Right**	HB45	12.00	0.00	4.38	0.00	4.38	18.000	**OK**	0.192	0.192	5.487	5.487	3	1.054
	Grade		2036+85.00	HB45	1579.60	64.83	0.43%	0.00	1579.33	0.00	0.43%	0.00	1579.33	HB45	0.0261	0.8150	0.0000	0.995	1.024	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.306	0.306	3.347	3.347		1.024
	Grade		2036+90.00	HB45	1579.75	65.72	0.45%	0.00	1579.46	0.00	0.45%	0.00	1579.46	HB45	0.0259	0.8076	0.0000	0.965	0.995	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.301	0.301	3.304	3.304		0.995
	Grade		2036+95.00	HB45	1579.90	66.61	0.48%	0.00	1579.58	0.00	0.48%	0.00	1579.58	HB45	0.0257	0.8001	0.0000	0.934	0.965	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.296	0.296	3.261	3.261		0.965
	Grade		2037+00.00	HB45	1580.05	67.50	0.50%	0.00	1579.71	0.00	0.50%	0.00	1579.71	HB45	0.0254	0.7925	0.0000	0.903	0.934	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.290	0.290	3.217	3.217		0.934
	Grade		2037+05.00	HB45	1580.19	66.90	0.53%	0.00	1579.84	0.00	0.53%	0.00	1579.84	HB45	0.0252	0.7848	0.0000	0.873	0.903	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.285	0.285	3.172	3.172		0.903
	Grade		2037+10.00	HB45	1580.33	66.30	0.55%	0.00	1579.96	0.00	0.55%	0.00	1579.96	HB45	0.0250	0.7771	0.0000	0.842	0.873	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.279	0.279	3.127	3.127		0.873
	Grade		2037+15.00	HB45	1580.46	65.70	0.58%	0.00	1580.09	0.00	0.58%	0.00	1580.09	HB45	0.0248	0.7694	0.0000	0.811	0.842	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.273	0.273	3.081	3.081		0.842
	Grade		2037+20.00	HB45	1580.60	65.10	0.60%	0.00	1580.21	0.00	0.60%	0.00	1580.21	HB45	0.0245	0.7619	0.0000	0.781	0.811	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.267	0.267	3.036	3.036		0.811
	Grade		2037+25.00	HB45	1580.73	64.50	0.63%	0.00	1580.33	0.00	0.63%	0.00	1580.33	HB45	0.0243	0.7544	0.0000	0.752	0.781	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.261	0.261	2.990	2.990		0.781
	Grade		2037+30.00	HB45	1580.87	63.90	0.65%	0.00	1580.45	0.00	0.65%	0.00	1580.45	HB45	0.0241	0.7469	0.0000	0.722	0.752	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.255	0.255	2.944	2.944		0.752
	Grade		2037+35.00	HB45	1580.98	60.57	0.68%	0.00	1580.57	0.00	0.68%	0.00	1580.57	HB45	0.0239	0.7396	0.0000	0.693	0.722	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.249	0.249	2.899	2.899		0.722
	Grade		2037+40.00	HB45	1581.11	60.62	0.70%	0.00	1580.69	0.00	0.70%	0.00	1580.69	HB45	0.0237	0.7324	0.0000	0.666	0.693	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.243	0.243	2.854	2.854		0.693
	Grade		2037+45.00	HB45	1581.25	60.67	0.73%	0.00	1580.81	0.00	0.73%	0.00	1580.81	HB45	0.0234	0.7255	0.0000	0.638	0.666	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.237	0.237	2.810	2.810		0.666
	Grade		2037+50.00	HB45	1581.38	60.72	0.75%	0.00	1580.92	0.00	0.75%	0.00	1580.92	HB45	0.0232	0.7185	0.0000	0.610	0.638	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.231	0.231	2.766	2.766		0.638
	Grade		2037+55.00	HB45	1581.51	60.76	0.78%	0.00	1581.04	0.00	0.78%	0.00	1581.04	HB45	0.0230	0.7115	0.0000	0.582	0.610	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.224	0.224	2.721	2.721		0.610
	Grade		2037+60.00	HB45	1581.64	60.81	0.80%	0.00	1581.15	0.00	0.80%	0.00	1581.15	HB45	0.0228	0.7046	0.0000	0.554	0.582	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.217	0.217	2.677	2.677		0.582
	Grade		2037+65.00	HB45	1581.77	60.86	0.83%	0.00	1581.26	0.00	0.83%	0.00	1581.26	HB45	0.0225	0.6976	0.0000	0.526	0.554	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.210	0.210	2.632	2.632		0.554
	Grade		2037+70.00	HB45	1581.89	60.91	0.85%	0.00	1581.38	0.00	0.85%	0.00	1581.38	HB45	0.0223	0.6906	0.0000	0.498	0.526	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.203	0.203	2.587	2.587		0.526
	Grade		2037+75.00	HB45	1582.02	60.96	0.88%	0.00	1581.49	0.00	0.88%	0.00	1581.49	HB45	0.0221	0.6836	0.0000	0.470	0.498	**Right**	HB45	12.00	0.00	4.42	0.00	4.42	18.000	**OK**	0.196	0.196	2.543	2.543		0.498
	Grade		2037+80.00	HB45	1582.14	61.01	0.90%	0.00	1581.60	0.00	0.90%	0.00	1581.60	HB45	0.0219	0.6766	0.0000	0.442	0.470	**Right**	HB45	12.00	0.00	4.34	0.00	4.34	18.000	**OK**	0.188	0.188	2.496	2.496		0.470
	Grade		2037+85.00	HB45	1582.27	61.05	0.93%	0.00	1581.70	0.00	0.93%	0.00	1581.70	HB45	0.0216	0.6696	0.0000	0.414	0.442	**Right**	HB45	12.00	0.00	4.25	0.00	4.25	18.000	**OK**	0.180	0.180	2.449	2.449		0.442
	Grade		2037+90.00	HB45	1582.39	61.10	0.95%	0.00	1581.81	0.00	0.95%	0.00	1581.81	HB45	0.0214	0.6626	0.0000	0.385	0.414	**Right**	HB45	12.00	0.00	4.15	0.00	4.15	18.000	**OK**	0.172	0.172	2.400	2.400		0.414
	Grade		2037+95.00	HB45	1582.51	61.15	0.98%	0.00	1581.92	0.00	0.98%	0.00	1581.92	HB45	0.0212	0.6556	0.0000	0.357	0.385	**Right**	HB45	12.00	0.00	4.05	0.00	4.05	18.000	**OK**	0.164	0.164	2.348	2.348		0.385
	Grade		2038+00.00	HB45	1582.63	61.20	1.00%	0.00	1582.02	0.00	1.00%	0.00	1582.02	HB45	0.0210	0.6486	0.0000	0.329	0.357	**Right**	HB45	12.00	0.00	3.95	0.00	3.95	18.000	**OK**	0.156	0.156	2.295	2.295		0.357
	Grade		2038+05.00	HB45	1582.75	61.18	1.03%	0.00	1582.12	0.00	1.03%	0.00	1582.12	HB45	0.0207	0.6416	0.0000	0.301	0.329	**Right**	HB45	12.00	0.00	3.83	0.00	3.83	18.000	**OK**	0.147	0.147	2.240	2.240		0.329
	Grade		2038+10.00	HB45	1582.87	61.16	1.05%	0.00	1582.23	0.00	1.05%	0.00	1582.23	HB45	0.0205	0.6345	0.0000	0.273	0.301	**Right**	HB45	12.00	0.00	3.71	0.00	3.71	18.000	**OK**	0.138	0.138	2.181	2.181		0.301
	Grade		2038+15.00	HB45	1582.99	61.13	1.08%	0.00	1582.33	0.00	1.08%	0.00	1582.33	HB45	0.0203	0.6275	0.0000	0.245	0.273	**Right**	HB45	12.00	0.00	3.59	0.00	3.59	18.000	**OK**	0.129	0.129	2.120	2.120		0.273
	Grade		2038+20.00	HB45	1583.10	61.11	1.10%	0.00	1582.43	0.00	1.10%	0.00	1582.43	HB45	0.0201	0.6205	0.0000	0.217	0.245	**Right**	HB45	12.00	0.00	3.45	0.00	3.45	18.000	**OK**	0.119	0.119	2.054	2.054		0.245
	Grade		2038+25.00	HB45	1583.22	61.09	1.13%	0.00	1582.53	0.00	1.13%	0.00	1582.53	HB45	0.0199	0.6135	0.0000	0.188	0.217	**Right**	HB45	12.00	0.00	3.30	0.00	3.30	18.000	**OK**	0.109	0.109	1.984	1.984		0.217
	Grade		2038+30.00	HB45	1583.33	61.07	1.15%	0.00	1582.63	0.00	1.15%	0.00	1582.63	HB45	0.0196	0.6065	0.0000	0.160	0.188	**Right**	HB45	12.00	0.00	3.14	0.00	3.14	18.000	**OK**	0.099	0.099	1.908	1.908		0.188
	Grade		2038+35.00	HB45	1583.44	61.04	1.18%	0.00	1582.72	0.00	1.18%	0.00	1582.72	HB45	0.0194	0.5995	0.0000	0.132	0.160	**Right**	HB45	12.00	0.00	2.96	0.00	2.96	18.000	**OK**	0.088	0.088	1.825	1.825		0.160
	Grade		2038+40.00	HB45	1583.55	61.02	1.20%	0.00	1582.82	0.00	1.20%	0.00	1582.82	HB45	0.0192	0.5924	0.0000	0.104	0.132	**Right**	HB45	12.00	0.00	2.76	0.00	2.76	18.000	**OK**	0.076	0.076	1.731	1.731		0.132
	Grade		2038+45.00	HB45	1583.66	61.00	1.23%	0.00	1582.91	0.00	1.23%	0.00	1582.91	HB45	0.0190	0.5854	0.0000	0.076	0.104	**Right**	HB45	12.00	0.00	2.53	0.00	2.53	18.000	**OK**	0.064	0.064	1.624	1.624		0.104
	Grade		2038+50.00	HB45	1583.77	60.98	1.25%	0.00	1583.01	0.00	1.25%	0.00	1583.01	HB45	0.0187	0.5784	0.0000	0.048	0.076	**Right**	HB45	12.00	0.00	2.26	0.00	2.26	18.000	**OK**	0.051	0.051	1.495	1.495		0.076
	Grade		2038+55.00	HB45	1583.88	60.95	1.28%	0.00	1583.10	0.00	1.28%	0.00	1583.10	HB45	0.0185	0.5714	0.0000	0.020	0.048	**Right**	HB45	12.00	0.00	1.90	0.00	1.90	18.000	**OK**	0.036	0.036	1.326	1.326		0.048
	Grade	3	2038+60.00	HB45	1583.98	60.93	1.30%	0.00	1583.19	0.00	1.30%	0.00	1583.19	HB45	0.0183	0.5644	0.0000	1.869	1.897	**Right**	HB45	12.00	0.00	4.50	1.96	6.46	18.000	**OK**	0.505	0.529	3.720	3.583	3	1.897
	Grade		2038+65.00	HB45	1584.09	60.91	1.33%	0.00	1583.28	0.00	1.33%	0.00	1583.28	HB45	0.0181	0.5574	0.0000	1.841	1.869	**Right**	HB45	12.00	0.00	4.50	1.88	6.38	18.000	**OK**	0.502	0.525	3.686	3.557		1.869
	Grade		2038+70.00	HB45	1584.19	60.89	1.35%	0.00	1583.37	0.00	1.35%	0.00	1583.37	HB45	0.0178	0.5505	0.0000	1.813	1.841	**Right**	HB45	12.00	0.00	4.50	1.80	6.30	18.000	**OK**	0.500	0.521	3.652	3.531		1.841
	Grade		2038+75.00	HB45	1584.30	60.86	1.38%	0.00	1583.46	0.00	1.38%	0.00	1583.46	HB45	0.0176	0.5435	0.0000	1.785	1.813	**Right**	HB45	12.00	0.00	4.50	1.73	6.23	18.000	**OK**	0.497	0.517	3.617	3.504		1.813
	Grade		2038+80.00	HB45	1584.40	60.84	1.40%	0.00	1583.55	0.00	1.40%	0.00	1583.55	HB45	0.0174	0.5365	0.0000	1.757	1.785	**Right**	HB45	12.00	0.00	4.50	1.66	6.16	18.000	**OK**	0.494	0.513	3.583	3.477		1.785
	Grade		2038+85.00	HB45	1584.50	60.82	1.43%	0.00	1583.63	0.00	1.43%	0.00	1583.63	HB45	0.0172	0.5295	0.0000	1.729	1.757	**Right**	HB45	12.00	0.00	4.50	1.58	6.08	18.000	**OK**	0.492	0.509	3.548	3.449		1.757
	Grade		2038+90.00	HB45	1584.60	60.80	1.45%	0.00	1583.72	0.00	1.45%	0.00	1583.72	HB45	0.0169	0.5225	0.0000	1.701	1.729	**Right**	HB45	12.00	0.00	4.50	1.52	6.02	18.000	**OK**	0.489	0.506	3.513	3.421		1.729
	Grade		2038+95.00	HB45	1584.70	60.77	1.48%	0.00	1583.80	0.00	1.48%	0.00	1583.80	HB45	0.0167	0.5155	0.0000	1.673	1.701	**Right**	HB45	12.00	0.00	4.50	1.45	5.95	18.000	**OK**	0.486	0.502	3.478	3.392		1.701
	Grade		2039+00.00	HB45	1584.79	60.75	1.50%	0.00	1583.88	0.00	1.50%	0.00	1583.88	HB45	0.0165	0.5086	0.0000	1.645	1.673	**Right**	HB45	12.00	0.00	4.50	1.38	5.88	18.000	**OK**	0.483	0.498	3.442	3.363		1.673
	Grade		2039+05.00	HB45	1584.89	60.73	1.53%	0.00	1583.96	0.00	1.53%	0.00	1583.96	HB45	0.0163	0.5016	0.0000	1.617	1.645	**Right**	HB45	12.00	0.00	4.50	1.32	5.82	18.000	**OK**	0.480	0.494	3.406	3.333		1.645
	Grade		2039+10.00	HB45	1584.99	60.71	1.55%	0.00	1584.04	0.00	1.55%	0.00	1584.04	HB45	0.0160	0.4946	0.0000	1.589	1.617	**Right**	HB45	12.00	0.00	4.50	1.25	5.75	18.000	**OK**	0.478	0.490	3.371	3.303		1.617
	Grade		2039+15.00	HB45	1585.08	60.68	1.58%	0.00	1584.12	0.00	1.58%	0.00	1584.12	HB45	0.0158	0.4876	0.0000	1.562	1.589	**Right**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.475	0.486	3.335	3.272		1.589
	Grade		2039+20.00	HB45	1585.17	60.66	1.60%	0.00	1584.20	0.00	1.60%	0.00	1584.20	HB45	0.0156	0.4807	0.0000	1.534	1.562	**Right**	HB45	12.00	0.00	4.50	1.13	5.63	18.000	**OK**	0.472	0.482	3.298	3.241		1.562
	Grade		2039+25.00	HB45	1585.26	60.64	1.63%	0.00	1584.28	0.00	1.63%	0.00	1584.28	HB45	0.0154	0.4737	0.0000	1.506	1.534	**Right**	HB45	12.00	0.00	4.50	1.07	5.57	18.000	**OK**	0.468	0.478	3.262	3.209		1.534
	Grade		2039+30.00	HB45	1585.35	60.62	1.65%	0.00	1584.35	0.00	1.65%	0.00	1584.35	HB45	0.0152	0.4667	0.0000	1.478	1.506	**Right**	HB45	12.00	0.00	4.50	1.02	5.52	18.000	**OK**	0.465	0.474	3.225	3.177		1.506
	Grade		2039+35.00	HB45	1585.44	60.59	1.68%	0.00	1584.43	0.00	1.68%	0.00	1584.43	HB45	0.0149	0.4598	0.0000	1.450	1.478	**Right**	HB45	12.00	0.00	4.50	0.96	5.46	18.000	**OK**	0.462	0.470	3.188	3.145		1.478
	Grade		2039+40.00	HB45	1585.53	60.57	1.70%	0.00	1584.50	0.00	1.70%	0.00	1584.50	HB45	0.0147	0.4528	0.0000	1.422	1.450	**Right**	HB45	12.00	0.00	4.50	0.90	5.40	18.000	**OK**	0.459	0.466	3.151	3.112		1.450
	Grade		2039+45.00	HB45	1585.62	60.55	1.73%	0.00	1584.58	0.00	1.73%	0.00	1584.58	HB45	0.0145	0.4459	0.0000	1.394	1.422	**Right**	HB45	12.00	0.00	4.50	0.85	5.35	18.000	**OK**	0.456	0.462	3.114	3.079		1.422
	Grade		2039+50.00	HB45	1585.71	60.53	1.75%	0.00	1584.65	0.00	1.75%	0.00	1584.65	HB45	0.0143	0.4389	0.0000	1.366	1.394	**Right**	HB45	12.00	0.00	4.50	0.79	5.29	18.000	**OK**	0.452	0.458	3.076	3.045		1.394
	Grade		2039+55.00	HB45	1585.79	60.50	1.78%	0.00	1584.72	0.00	1.78%	0.00	1584.72	HB45	0.0140	0.4320	0.0000	1.338	1.366	**Right**	HB45	12.00	0.00	4.50	0.74	5.24	18.000	**OK**	0.449	0.454	3.038	3.011		1.366
	Grade		2039+60.00	HB45	1585.87	60.48	1.80%	0.00	1584.79	0.00	1.80%	0.00	1584.79	HB45	0.0138	0.4250	0.0000	1.311	1.338	**Right**	HB45	12.00	0.00	4.50	0.69	5.19	18.000	**OK**	0.446	0.450	3.000	2.976		1.338
	Grade		2039+65.00	HB45	1585.96	60.46	1.83%	0.00	1584.85	0.00	1.83%	0.00	1584.85	HB45	0.0136	0.4181	0.0000	1.283	1.311	**Right**	HB45	12.00	0.00	4.50	0.63	5.13	18.000	**OK**	0.442	0.446	2.962	2.941		1.311
	Grade		2039+70.00	HB45	1586.04	60.44	1.85%	0.00	1584.92	0.00	1.85%	0.00	1584.92	HB45	0.0134	0.4111	0.0000	1.255	1.283	**Right**	HB45	12.00	0.00	4.50	0.58	5.08	18.000	**OK**	0.438	0.442	2.923	2.905		1.283
	Grade		2039+75.00	HB45	1586.12	60.41	1.88%	0.00	1584.99	0.00	1.88%	0.00	1584.99	HB45	0.0131	0.4042	0.0000	1.227	1.255	**Right**	HB45	12.00	0.00	4.50	0.53	5.03	18.000	**OK**	0.435	0.437	2.884	2.869		1.255
	Grade		2039+80.00	HB45	1586.20	60.39	1.90%	0.00	1585.05	0.00	1.90%	0.00	1585.05	HB45	0.0129	0.3973	0.0000	1.199	1.227	**Right**	HB45	12.00	0.00	4.50	0.48	4.98	18.000	**OK**	0.431	0.433	2.845	2.833		1.227

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2039+85.00	HB45	1586.28	60.37	1.93%	0.00	1585.11	0.00	1.93%	0.00	1585.11	HB45	0.0127	0.3903	0.0000	1.172	1.199	**Right**	HB45	12.00	0.00	4.50	0.43	4.93	18.000	**OK**	0.427	0.429	2.806	2.796		1.199
	Grade		2039+90.00	HB45	1586.35	60.35	1.95%	0.00	1585.18	0.00	1.95%	0.00	1585.18	HB45	0.0125	0.3834	0.0000	1.144	1.172	**Right**	HB45	12.00	0.00	4.50	0.38	4.88	18.000	**OK**	0.423	0.425	2.766	2.758		1.172
	Grade		2039+95.00	HB45	1586.43	60.32	1.98%	0.00	1585.24	0.00	1.98%	0.00	1585.24	HB45	0.0122	0.3765	0.0000	1.116	1.144	**Right**	HB45	12.00	0.00	4.50	0.33	4.83	18.000	**OK**	0.419	0.421	2.726	2.720		1.144
	Grade		2040+00.00	HB45	1586.50	60.30	2.00%	0.00	1585.30	0.00	2.00%	0.00	1585.30	HB45	0.0120	0.3696	0.0000	1.088	1.116	**Right**	HB45	12.00	0.00	4.50	0.28	4.78	18.000	**OK**	0.415	0.416	2.686	2.681		1.116
	Grade		2040+05.00	HB45	1586.56	60.32	2.00%	0.00	1585.36	0.00	2.00%	0.00	1585.36	HB45	0.0118	0.3626	0.0000	1.061	1.088	**Right**	HB45	12.00	0.00	4.50	0.24	4.74	18.000	**OK**	0.411	0.412	2.646	2.642		1.088
	Grade		2040+10.00	HB45	1586.62	60.34	2.00%	0.00	1585.41	0.00	2.00%	0.00	1585.41	HB45	0.0116	0.3557	0.0000	1.033	1.061	**Right**	HB45	12.00	0.00	4.50	0.19	4.69	18.000	**OK**	0.407	0.407	2.605	2.603		1.061
	Grade		2040+15.00	HB45	1586.68	60.35	2.00%	0.00	1585.47	0.00	2.00%	0.00	1585.47	HB45	0.0113	0.3488	0.0000	1.005	1.033	**Right**	HB45	12.00	0.00	4.50	0.14	4.64	18.000	**OK**	0.403	0.403	2.564	2.563		1.033
	Grade		2040+20.00	HB45	1586.73	60.37	2.00%	0.00	1585.53	0.00	2.00%	0.00	1585.53	HB45	0.0111	0.3419	0.0000	0.977	1.005	**Right**	HB45	12.00	0.00	4.50	0.09	4.59	18.000	**OK**	0.398	0.398	2.523	2.522		1.005
	Grade		2040+25.00	HB45	1586.79	60.39	2.00%	0.00	1585.58	0.00	2.00%	0.00	1585.58	HB45	0.0109	0.3349	0.0000	0.949	0.977	**Right**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.394	0.394	2.481	2.481		0.977
	Grade		2040+30.00	HB45	1586.84	60.41	2.00%	0.00	1585.63	0.00	2.00%	0.00	1585.63	HB45	0.0107	0.3280	0.0000	0.922	0.949	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.389	0.389	2.439	2.439		0.949
	Grade		2040+35.00	HB45	1586.90	60.42	2.00%	0.00	1585.69	0.00	2.00%	0.00	1585.69	HB45	0.0105	0.3211	0.0000	0.894	0.922	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.385	0.385	2.396	2.396		0.922
	Grade		2040+40.00	HB45	1586.95	60.44	2.00%	0.00	1585.74	0.00	2.00%	0.00	1585.74	HB45	0.0102	0.3141	0.0000	0.866	0.894	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.380	0.380	2.354	2.354		0.894
	Grade		2040+45.00	HB45	1587.00	60.46	2.00%	0.00	1585.79	0.00	2.00%	0.00	1585.79	HB45	0.0100	0.3072	0.0000	0.838	0.866	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.375	0.375	2.311	2.311		0.866
	Grade		2040+50.00	HB45	1587.05	60.48	2.00%	0.00	1585.84	0.00	2.00%	0.00	1585.84	HB45	0.0098	0.3003	0.0000	0.810	0.838	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.370	0.370	2.267	2.267		0.838
	Grade		2040+55.00	HB45	1587.09	60.49	2.00%	0.00	1585.89	0.00	2.00%	0.00	1585.89	HB45	0.0096	0.2933	0.0000	0.783	0.810	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.364	0.364	2.223	2.223		0.810
	Grade		2040+60.00	HB45	1587.14	60.51	2.00%	0.00	1585.93	0.00	2.00%	0.00	1585.93	HB45	0.0093	0.2864	0.0000	0.755	0.783	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.359	0.359	2.179	2.179		0.783
	Grade		2040+65.00	HB45	1587.19	60.53	2.00%	0.00	1585.98	0.00	2.00%	0.00	1585.98	HB45	0.0091	0.2794	0.0000	0.727	0.755	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.354	0.354	2.135	2.135		0.755
	Grade		2040+70.00	HB45	1587.23	60.55	2.00%	0.00	1586.02	0.00	2.00%	0.00	1586.02	HB45	0.0089	0.2725	0.0000	0.699	0.727	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.348	0.348	2.089	2.089		0.727
	Grade		2040+75.00	HB45	1587.28	60.56	2.00%	0.00	1586.06	0.00	2.00%	0.00	1586.06	HB45	0.0087	0.2655	0.0000	0.671	0.699	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.342	0.342	2.044	2.044		0.699
	Grade		2040+80.00	HB45	1587.32	60.58	2.00%	0.00	1586.11	0.00	2.00%	0.00	1586.11	HB45	0.0084	0.2586	0.0000	0.643	0.671	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.336	0.336	1.998	1.998		0.671
	Grade		2040+85.00	HB45	1587.36	60.60	2.00%	0.00	1586.15	0.00	2.00%	0.00	1586.15	HB45	0.0082	0.2516	0.0000	0.615	0.643	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.330	0.330	1.951	1.951		0.643
	Grade		2040+90.00	HB45	1587.40	60.62	2.00%	0.00	1586.19	0.00	2.00%	0.00	1586.19	HB45	0.0080	0.2447	0.0000	0.588	0.615	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.323	0.323	1.904	1.904		0.615
	Grade		2040+95.00	HB45	1587.44	60.63	2.00%	0.00	1586.23	0.00	2.00%	0.00	1586.23	HB45	0.0078	0.2377	0.0000	0.560	0.588	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.316	0.316	1.857	1.857		0.588
	Grade		2041+00.00	HB45	1587.48	60.65	2.00%	0.00	1586.26	0.00	2.00%	0.00	1586.26	HB45	0.0075	0.2308	0.0000	0.532	0.560	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.309	0.309	1.809	1.809		0.560
	Grade		2041+05.00	HB45	1587.51	60.67	2.00%	0.00	1586.30	0.00	2.00%	0.00	1586.30	HB45	0.0073	0.2238	0.0000	0.504	0.532	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.302	0.302	1.760	1.760		0.532
	Grade		2041+10.00	HB45	1587.55	60.69	2.00%	0.00	1586.34	0.00	2.00%	0.00	1586.34	HB45	0.0071	0.2168	0.0000	0.476	0.504	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.294	0.294	1.711	1.711		0.504
	Grade		2041+15.00	HB45	1587.59	60.70	2.00%	0.00	1586.37	0.00	2.00%	0.00	1586.37	HB45	0.0069	0.2099	0.0000	0.448	0.476	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.287	0.287	1.661	1.661		0.476
	Grade		2041+20.00	HB45	1587.62	60.72	2.00%	0.00	1586.40	0.00	2.00%	0.00	1586.40	HB45	0.0066	0.2029	0.0000	0.420	0.448	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.278	0.278	1.610	1.610		0.448
	Grade		2041+25.00	HB45	1587.65	60.74	2.00%	0.00	1586.44	0.00	2.00%	0.00	1586.44	HB45	0.0064	0.1959	0.0000	0.392	0.420	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.269	0.269	1.559	1.559		0.420
	Grade		2041+30.00	HB45	1587.68	60.76	2.00%	0.00	1586.47	0.00	2.00%	0.00	1586.47	HB45	0.0062	0.1890	0.0000	0.364	0.392	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.260	0.260	1.507	1.507		0.392
	Grade		2041+35.00	HB45	1587.71	60.77	2.00%	0.00	1586.50	0.00	2.00%	0.00	1586.50	HB45	0.0060	0.1820	0.0000	0.336	0.364	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.250	0.250	1.454	1.454		0.364
	Grade		2041+40.00	HB45	1587.74	60.79	2.00%	0.00	1586.53	0.00	2.00%	0.00	1586.53	HB45	0.0058	0.1750	0.0000	0.308	0.336	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.240	0.240	1.401	1.401		0.336
	Grade		2041+45.00	HB45	1587.77	60.81	2.00%	0.00	1586.55	0.00	2.00%	0.00	1586.55	HB45	0.0055	0.1680	0.0000	0.280	0.308	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.229	0.229	1.346	1.346		0.308
	Grade		2041+50.00	HB45	1587.80	60.83	2.00%	0.00	1586.58	0.00	2.00%	0.00	1586.58	HB45	0.0053	0.1611	0.0000	0.252	0.280	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.217	0.217	1.292	1.292		0.280
	Grade		2041+55.00	HB45	1587.82	60.84	2.00%	0.00	1586.61	0.00	2.00%	0.00	1586.61	HB45	0.0051	0.1541	0.0000	0.224	0.252	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.204	0.204	1.237	1.237		0.252
	Grade		2041+60.00	HB45	1587.85	60.86	2.00%	0.00	1586.63	0.00	2.00%	0.00	1586.63	HB45	0.0049	0.1471	0.0000	0.196	0.224	**Right**	HB45	12.00	0.00	4.36	0.00	4.36	18.000	**OK**	0.190	0.190	1.181	1.181		0.224
	Grade		2041+65.00	HB45	1587.87	60.88	2.00%	0.00	1586.65	0.00	2.00%	0.00	1586.65	HB45	0.0046	0.1401	0.0000	0.168	0.196	**Right**	HB45	12.00	0.00	4.18	0.00	4.18	18.000	**OK**	0.175	0.175	1.122	1.122		0.196
	Grade		2041+70.00	HB45	1587.89	60.90	2.00%	0.00	1586.68	0.00	2.00%	0.00	1586.68	HB45	0.0044	0.1331	0.0000	0.140	0.168	**Right**	HB45	12.00	0.00	3.98	0.00	3.98	18.000	**OK**	0.159	0.159	1.060	1.060		0.168
	Grade		2041+75.00	HB45	1587.91	60.91	2.00%	0.00	1586.70	0.00	2.00%	0.00	1586.70	HB45	0.0042	0.1261	0.0000	0.112	0.140	**Right**	HB45	12.00	0.00	3.76	0.00	3.76	18.000	**OK**	0.141	0.141	0.993	0.993		0.140
	Grade		2041+80.00	HB45	1587.93	60.93	2.00%	0.00	1586.72	0.00	2.00%	0.00	1586.72	HB45	0.0040	0.1192	0.0000	0.084	0.112	**Right**	HB45	12.00	0.00	3.49	0.00	3.49	18.000	**OK**	0.122	0.122	0.920	0.920		0.112
	Grade		2041+85.00	HB45	1587.95	60.95	2.00%	0.00	1586.73	0.00	2.00%	0.00	1586.73	HB45	0.0037	0.1122	0.0000	0.056	0.084	**Right**	HB45	12.00	0.00	3.17	0.00	3.17	18.000	**OK**	0.100	0.100	0.838	0.838		0.084
	Grade		2041+90.00	HB45	1587.97	60.97	2.00%	0.00	1586.75	0.00	2.00%	0.00	1586.75	HB45	0.0035	0.1052	0.0000	0.028	0.056	**Right**	HB45	12.00	0.00	2.75	0.00	2.75	18.000	**OK**	0.076	0.076	0.740	0.740		0.056
	Grade		2041+95.00	HB45	1587.99	60.98	2.00%	0.00	1586.77	0.00	2.00%	0.00	1586.77	HB45	0.0033	0.0982	0.0000	0.000	0.028	**Right**	HB45	12.00	0.00	2.15	0.00	2.15	18.000	**OK**	0.046	0.046	0.607	0.607		0.028
	Grade	3	2042+00.00	HB45	1588.00	61.00	2.00%	0.00	1586.78	0.00	2.00%	0.00	1586.78	HB45	0.0031	0.0912	0.0000	0.366	0.394	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.330	0.330	1.193	1.193	3	0.394
	Grade		2042+05.00	HB45	1588.02	61.02	2.00%	0.00	1586.80	0.00	2.00%	0.00	1586.80	HB45	0.0028	0.0842	0.0000	0.338	0.366	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.322	0.322	1.135	1.135		0.366
	Grade		2042+10.00	HB45	1588.03	61.04	2.00%	0.00	1586.81	0.00	2.00%	0.00	1586.81	HB45	0.0026	0.0772	0.0000	0.309	0.338	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.314	0.314	1.075	1.075		0.338
	Grade		2042+15.00	HB45	1588.04	61.05	2.00%	0.00	1586.82	0.00	2.00%	0.00	1586.82	HB45	0.0024	0.0702	0.0000	0.281	0.309	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.305	0.305	1.013	1.013		0.309
	Grade		2042+20.00	HB45	1588.06	61.07	2.00%	0.00	1586.83	0.00	2.00%	0.00	1586.83	HB45	0.0022	0.0632	0.0000	0.253	0.281	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.296	0.296	0.950	0.950		0.281
	Grade		2042+25.00	HB45	1588.07	61.09	2.00%	0.00	1586.84	0.00	2.00%	0.00	1586.84	HB45	0.0020	0.0561	0.0000	0.225	0.253	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.286	0.286	0.884	0.884		0.253
	Grade		2042+30.00	HB45	1588.08	61.11	2.00%	0.00	1586.85	0.00	2.00%	0.00	1586.85	HB45	0.0017	0.0491	0.0000	0.197	0.225	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.276	0.276	0.817	0.817		0.225
	Grade		2042+35.00	HB45	1588.08	61.12	2.00%	0.00	1586.86	0.00	2.00%	0.00	1586.86	HB45	0.0015	0.0421	0.0000	0.169	0.197	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.264	0.264	0.747	0.747		0.197
	Grade		2042+40.00	HB45	1588.09	61.14	2.00%	0.00	1586.87	0.00	2.00%	0.00	1586.87	HB45	0.0013	0.0351	0.0000	0.141	0.169	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.251	0.251	0.673	0.673		0.169
	Grade		2042+45.00	HB45	1588.10	61.16	2.00%	0.00	1586.87	0.00	2.00%	0.00	1586.87	HB45	0.0011	0.0281	0.0000	0.113	0.141	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.236	0.236	0.596	0.596		0.141
	Grade		2042+50.00	HB45	1588.10	61.18	2.00%	0.00	1586.88	0.00	2.00%	0.00	1586.88	HB45	0.0008	0.0211	0.0000	0.084	0.113	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.219	0.219	0.514	0.514		0.113
	Grade		2042+55.00	HB45	1588.10	61.19	2.00%	0.00	1586.88	0.00	2.00%	0.00	1586.88	HB45	0.0006	0.0140	0.0000	0.056	0.084	**Right**	HB45	12.00	0.00	4.46	0.00	4.46	18.000	**OK**	0.199	0.199	0.424	0.424		0.084
	Grade		2042+60.00	HB45	1588.11	61.21	2.00%	0.00	1586.88	0.00	2.00%	0.00	1586.88	HB45	0.0004	0.0070	0.0000	0.028	0.056	**Right**	HB45	12.00	0.00	4.18	0.00	4.18	18.000	**OK**	0.174	0.174	0.323	0.323		0.056
	Crest		2042+65.00	HB45	1588.11	61.23	2.00%	0.00	1586.88	0.00	2.00%	0.00	1586.88	HB45	0.0002	0.0000	0.0000	0.000	0.028	**Right**	HB45	12.00	0.00	3.79	0.00	3.79	18.000	**OK**	0.144	0.144	0.196	0.196		0.028
	Grade		2042+70.00	HB45	1588.11	61.25	2.00%	0.00	1586.88	0.00	2.00%	0.00	1586.88	HB45	-0.0001	0.0070	0.0000	0.028	0.056	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.330	0.330	0.171	0.171		0.056
	Grade		2042+75.00	HB45	1588.11	61.26	2.00%	0.00	1586.88	0.00	2.00%	0.00	1586.88	HB45	-0.0003	0.0141	0.0000	0.056	0.085	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.261	0.261	0.324	0.324		0.085
	Grade		2042+80.00	HB45	1588.10	61.28	2.00%	0.00	1586.88	0.00	2.00%	0.00	1586.88	HB45	-0.0005	0.0211	0.0000	0.085	0.113	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.261	0.261	0.433	0.433		0.113
	Grade		2042+85.00	HB45	1588.10	61.30	2.00%	0.00	1586.87	0.00	2.00%	0.00	1586.87	HB45	-0.0007	0.0281	0.0000	0.113	0.141	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.268	0.268	0.526	0.526		0.141
	Grade		2042+90.00	HB45	1588.10	61.32	2.00%	0.00	1586.87	0.00	2.00%	0.00	1586.87	HB45	-0.0010	0.0352	0.0000	0.141	0.169	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.277	0.277	0.610	0.610		0.169
	Grade		2042+95.00	HB45	1588.09	61.33	2.00%	0.00	1586.86	0.00	2.00%	0.00	1586.86	HB45	-0.0012	0.0422	0.0000	0.169	0.197	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.287	0.287	0.689	0.689		0.197
	Grade		2043+00.00	HB45	1588.08	61.35	2.00%	0.00	1586.86	0.00	2.00%	0.00	1586.86	HB45	-0.0014	0.0492	0.0000	0.197	0.226	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.296	0.296	0.763	0.763		0.226
	Grade		2043+05.00	HB45	1588.08	61.37	2.00%	0.00	1586.85	0.00	2.00%	0.00	1586.85	HB45	-0.0016	0.0563	0.0000	0.226	0.254	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.305	0.305	0.834	0.834		0.254
	Grade		2043+10.00	HB45	1588.07	61.39	2.00%	0.00	1586.84	0.00	2.00%	0.00	1586.84	HB45	-0.0019	0.0633	0.0000	0.254	0.282	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.313	0.313	0.902	0.902		0.282
	Grade		2043+15.00	HB45	1588.06	61.40	2.00%	0.00	1586.83	0.00	2.00%	0.00	1586.83	HB45	-0.0021	0.0704	0.0000	0.282	0.310	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.321	0.321	0.967	0.967		0.310
	Grade		2043+20.00	HB45	1588.05	61.42	2.00%	0.00	1586.82	0.00	2.00%	0.00	1586.82	HB45	-0.0023	0.0774	0.0000	0.310	0.339	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.329	0.329	1.031	1.031		0.339
	Grade		2043+25.00	HB45	1588.03	61.44	2.00%	0.00	1586.80	0.00	2.00%	0.00	1586.80	HB45	-0.0025	0.0845	0.0000	0.339	0.367	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.336	0.336	1.092	1.092		0.367
	Grade		2043+30.00	HB45	1588.02	61.46	2.00%	0.00	1586.79	0.00	2.00%	0.00	1586.79	HB45	-0.0027	0.0915	0.0000	0.367	0.395	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	1.153	1.153		0.395
	Grade		2043+35.00	HB45	1588.01	61.47	2.00%	0.00	1586.78	0.00	2.00%	0.00	1586.78	HB45	-0.0030	0.0986	0.0000	0.395	0.423	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.350	0.350	1.211	1.211		0.423

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2043+40.00	HB45	1587.99	61.49	2.00%	0.00	1586.76	0.00	2.00%	0.00	1586.76	HB45	-0.0032	0.1056	0.0000	0.423	0.452	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.356	0.356	1.269	1.269		0.452
	Grade		2043+45.00	HB45	1587.97	61.51	2.00%	0.00	1586.74	0.00	2.00%	0.00	1586.74	HB45	-0.0034	0.1127	0.0000	0.452	0.480	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.362	0.362	1.325	1.325		0.480
	Grade		2043+50.00	HB45	1587.96	61.53	2.00%	0.00	1586.72	0.00	2.00%	0.00	1586.72	HB45	-0.0036	0.1198	0.0000	0.480	0.508	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.368	0.368	1.380	1.380		0.508
	Grade		2043+55.00	HB45	1587.94	61.54	2.00%	0.00	1586.71	0.00	2.00%	0.00	1586.71	HB45	-0.0039	0.1268	0.0000	0.508	0.537	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.374	0.374	1.435	1.435		0.537
	Grade		2043+60.00	HB45	1587.92	61.56	2.00%	0.00	1586.68	0.00	2.00%	0.00	1586.68	HB45	-0.0041	0.1339	0.0000	0.537	0.565	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.380	0.380	1.488	1.488		0.565
	Grade		2043+65.00	HB45	1587.89	61.58	2.00%	0.00	1586.66	0.00	2.00%	0.00	1586.66	HB45	-0.0043	0.1410	0.0000	0.565	0.593	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.385	0.385	1.541	1.541		0.593
	Grade		2043+70.00	HB45	1587.87	61.60	2.00%	0.00	1586.64	0.00	2.00%	0.00	1586.64	HB45	-0.0045	0.1480	0.0000	0.593	0.622	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.390	0.390	1.592	1.592		0.622
	Grade		2043+75.00	HB45	1587.85	61.61	2.00%	0.00	1586.62	0.00	2.00%	0.00	1586.62	HB45	-0.0048	0.1551	0.0000	0.622	0.650	**Right**	HB45	12.00	0.00	4.50	0.06	4.56	18.000	**OK**	0.396	0.396	1.643	1.643		0.650
	Grade		2043+80.00	HB45	1587.82	61.63	2.00%	0.00	1586.59	0.00	2.00%	0.00	1586.59	HB45	-0.0050	0.1622	0.0000	0.650	0.678	**Right**	HB45	12.00	0.00	4.50	0.12	4.62	18.000	**OK**	0.400	0.401	1.694	1.693		0.678
	Grade		2043+85.00	HB45	1587.80	61.65	2.00%	0.00	1586.57	0.00	2.00%	0.00	1586.57	HB45	-0.0052	0.1692	0.0000	0.678	0.707	**Right**	HB45	12.00	0.00	4.50	0.17	4.67	18.000	**OK**	0.405	0.406	1.743	1.742		0.707
	Grade		2043+90.00	HB45	1587.77	61.67	2.00%	0.00	1586.54	0.00	2.00%	0.00	1586.54	HB45	-0.0054	0.1763	0.0000	0.707	0.735	**Right**	HB45	12.00	0.00	4.50	0.22	4.72	18.000	**OK**	0.410	0.411	1.792	1.790		0.735
	Grade		2043+95.00	HB45	1587.74	61.68	2.00%	0.00	1586.51	0.00	2.00%	0.00	1586.51	HB45	-0.0057	0.1834	0.0000	0.735	0.763	**Right**	HB45	12.00	0.00	4.50	0.27	4.77	18.000	**OK**	0.415	0.415	1.841	1.838		0.763
	Grade		2044+00.00	HB45	1587.71	61.70	2.00%	0.00	1586.48	0.00	2.00%	0.00	1586.48	HB45	-0.0059	0.1905	0.0000	0.763	0.792	**Right**	HB45	12.00	0.00	4.50	0.32	4.82	18.000	**OK**	0.419	0.420	1.889	1.884		0.792
	Grade		2044+05.00	HB45	1587.68	61.67	2.00%	0.00	1586.45	0.00	2.00%	0.00	1586.45	HB45	-0.0061	0.1976	0.0000	0.792	0.820	**Right**	HB45	12.00	0.00	4.50	0.37	4.87	18.000	**OK**	0.424	0.425	1.936	1.930		0.820
	Grade		2044+10.00	HB45	1587.65	61.63	2.00%	0.00	1586.42	0.00	2.00%	0.00	1586.42	HB45	-0.0063	0.2046	0.0000	0.820	0.849	**Right**	HB45	12.00	0.00	4.50	0.42	4.92	18.000	**OK**	0.428	0.430	1.983	1.975		0.849
	Grade		2044+15.00	HB45	1587.62	61.60	2.00%	0.00	1586.39	0.00	2.00%	0.00	1586.39	HB45	-0.0066	0.2117	0.0000	0.849	0.877	**Right**	HB45	12.00	0.00	4.50	0.47	4.97	18.000	**OK**	0.432	0.434	2.029	2.020		0.877
	Grade		2044+20.00	HB45	1587.58	61.56	2.00%	0.00	1586.35	0.00	2.00%	0.00	1586.35	HB45	-0.0068	0.2188	0.0000	0.877	0.905	**Right**	HB45	12.00	0.00	4.50	0.51	5.01	18.000	**OK**	0.436	0.439	2.075	2.064		0.905
	Grade		2044+25.00	HB45	1587.55	61.53	2.00%	0.00	1586.32	0.00	2.00%	0.00	1586.32	HB45	-0.0070	0.2258	0.0000	0.905	0.934	**Right**	HB45	12.00	0.00	4.50	0.56	5.06	18.000	**OK**	0.440	0.443	2.120	2.107		0.934
	Grade		2044+30.00	HB45	1587.51	61.49	2.00%	0.00	1586.28	0.00	2.00%	0.00	1586.28	HB45	-0.0072	0.2329	0.0000	0.934	0.962	**Right**	HB45	12.00	0.00	4.50	0.60	5.10	18.000	**OK**	0.444	0.447	2.165	2.150		0.962
	Grade		2044+35.00	HB45	1587.47	61.46	2.00%	0.00	1586.24	0.00	2.00%	0.00	1586.24	HB45	-0.0074	0.2400	0.0000	0.962	0.990	**Right**	HB45	12.00	0.00	4.50	0.64	5.14	18.000	**OK**	0.448	0.452	2.209	2.192		0.990
	Grade		2044+40.00	HB45	1587.43	61.42	2.00%	0.00	1586.21	0.00	2.00%	0.00	1586.21	HB45	-0.0077	0.2470	0.0000	0.990	1.018	**Right**	HB45	12.00	0.00	4.50	0.68	5.18	18.000	**OK**	0.451	0.456	2.253	2.234		1.018
	Grade		2044+45.00	HB45	1587.39	61.39	2.00%	0.00	1586.17	0.00	2.00%	0.00	1586.17	HB45	-0.0079	0.2541	0.0000	1.018	1.047	**Right**	HB45	12.00	0.00	4.50	0.72	5.22	18.000	**OK**	0.455	0.460	2.297	2.275		1.047
	Grade		2044+50.00	HB45	1587.35	61.35	2.00%	0.00	1586.13	0.00	2.00%	0.00	1586.13	HB45	-0.0081	0.2611	0.0000	1.047	1.075	**Right**	HB45	12.00	0.00	4.50	0.76	5.26	18.000	**OK**	0.458	0.464	2.340	2.315		1.075
	Grade		2044+55.00	HB45	1587.31	61.32	2.00%	0.00	1586.08	0.00	2.00%	0.00	1586.08	HB45	-0.0083	0.2681	0.0000	1.075	1.103	**Right**	HB45	12.00	0.00	4.50	0.80	5.30	18.000	**OK**	0.462	0.468	2.382	2.355		1.103
	Grade		2044+60.00	HB45	1587.27	61.28	2.00%	0.00	1586.04	0.00	2.00%	0.00	1586.04	HB45	-0.0086	0.2752	0.0000	1.103	1.131	**Right**	HB45	12.00	0.00	4.50	0.84	5.34	18.000	**OK**	0.465	0.472	2.425	2.395		1.131
	Grade		2044+65.00	HB45	1587.22	61.25	2.00%	0.00	1586.00	0.00	2.00%	0.00	1586.00	HB45	-0.0088	0.2822	0.0000	1.131	1.160	**Right**	HB45	12.00	0.00	4.50	0.87	5.37	18.000	**OK**	0.469	0.476	2.467	2.434		1.160
	Grade		2044+70.00	HB45	1587.18	61.21	2.00%	0.00	1585.95	0.00	2.00%	0.00	1585.95	HB45	-0.0090	0.2892	0.0000	1.160	1.188	**Right**	HB45	12.00	0.00	4.50	0.91	5.41	18.000	**OK**	0.472	0.480	2.508	2.473		1.188
	Grade		2044+75.00	HB45	1587.13	61.18	2.00%	0.00	1585.91	0.00	2.00%	0.00	1585.91	HB45	-0.0092	0.2963	0.0000	1.188	1.216	**Right**	HB45	12.00	0.00	4.50	0.95	5.45	18.000	**OK**	0.475	0.484	2.550	2.511		1.216
	Grade		2044+80.00	HB45	1587.08	61.14	2.00%	0.00	1585.86	0.00	2.00%	0.00	1585.86	HB45	-0.0095	0.3033	0.0000	1.216	1.244	**Right**	HB45	12.00	0.00	4.50	0.98	5.48	18.000	**OK**	0.478	0.488	2.591	2.549		1.244
	Grade		2044+85.00	HB45	1587.03	61.11	2.00%	0.00	1585.81	0.00	2.00%	0.00	1585.81	HB45	-0.0097	0.3103	0.0000	1.244	1.272	**Right**	HB45	12.00	0.00	4.50	1.02	5.52	18.000	**OK**	0.481	0.492	2.631	2.587		1.272
	Grade		2044+90.00	HB45	1586.98	61.07	2.00%	0.00	1585.76	0.00	2.00%	0.00	1585.76	HB45	-0.0099	0.3173	0.0000	1.272	1.300	**Right**	HB45	12.00	0.00	4.50	1.05	5.55	18.000	**OK**	0.484	0.496	2.672	2.624		1.300
	Grade		2044+95.00	HB45	1586.93	61.04	2.00%	0.00	1585.71	0.00	2.00%	0.00	1585.71	HB45	-0.0101	0.3243	0.0000	1.300	1.328	**Right**	HB45	12.00	0.00	4.50	1.08	5.58	18.000	**OK**	0.487	0.499	2.712	2.661		1.328
	Grade		2045+00.00	HB45	1586.88	61.00	2.00%	0.00	1585.66	0.00	2.00%	0.00	1585.66	HB45	-0.0104	0.3313	0.0000	1.328	1.356	**Right**	HB45	12.00	0.00	4.50	1.12	5.62	18.000	**OK**	0.490	0.503	2.752	2.697		1.356
	Grade		2045+05.00	HB45	1586.82	60.97	2.00%	0.00	1585.61	0.00	2.00%	0.00	1585.61	HB45	-0.0106	0.3383	0.0000	1.356	1.385	**Right**	HB45	12.00	0.00	4.50	1.15	5.65	18.000	**OK**	0.493	0.506	2.791	2.734		1.385
	Grade		2045+10.00	HB45	1586.77	60.93	2.00%	0.00	1585.55	0.00	2.00%	0.00	1585.55	HB45	-0.0108	0.3453	0.0000	1.385	1.413	**Right**	HB45	12.00	0.00	4.50	1.18	5.68	18.000	**OK**	0.496	0.510	2.830	2.769		1.413
	Grade		2045+15.00	HB45	1586.71	60.90	2.00%	0.00	1585.50	0.00	2.00%	0.00	1585.50	HB45	-0.0110	0.3523	0.0000	1.413	1.441	**Right**	HB45	12.00	0.00	4.50	1.21	5.71	18.000	**OK**	0.499	0.514	2.869	2.805		1.441
	Grade		2045+20.00	HB45	1586.66	60.86	2.00%	0.00	1585.44	0.00	2.00%	0.00	1585.44	HB45	-0.0113	0.3593	0.0000	1.441	1.469	**Right**	HB45	12.00	0.00	4.50	1.24	5.74	18.000	**OK**	0.502	0.517	2.908	2.840		1.469
	Grade		2045+25.00	HB45	1586.60	60.83	2.00%	0.00	1585.38	0.00	2.00%	0.00	1585.38	HB45	-0.0115	0.3663	0.0000	1.469	1.497	**Right**	HB45	12.00	0.00	4.50	1.27	5.77	18.000	**OK**	0.504	0.521	2.946	2.875		1.497
	Grade		2045+30.00	HB45	1586.54	60.79	2.00%	0.00	1585.32	0.00	2.00%	0.00	1585.32	HB45	-0.0117	0.3733	0.0000	1.497	1.525	**Right**	HB45	12.00	0.00	4.50	1.30	5.80	18.000	**OK**	0.507	0.524	2.984	2.909		1.525
	Grade		2045+35.00	HB45	1586.48	60.76	2.00%	0.00	1585.26	0.00	2.00%	0.00	1585.26	HB45	-0.0119	0.3802	0.0000	1.525	1.553	**Right**	HB45	12.00	0.00	4.50	1.33	5.83	18.000	**OK**	0.510	0.527	3.022	2.944		1.553
	Grade		2045+40.00	HB45	1586.42	60.72	2.00%	0.00	1585.20	0.00	2.00%	0.00	1585.20	HB45	-0.0121	0.3872	0.0000	1.553	1.581	**Right**	HB45	12.00	0.00	4.50	1.36	5.86	18.000	**OK**	0.512	0.531	3.060	2.978		1.581
	Grade		2045+45.00	HB45	1586.36	60.69	2.00%	0.00	1585.14	0.00	2.00%	0.00	1585.14	HB45	-0.0124	0.3942	0.0000	1.581	1.608	**Right**	HB45	12.00	0.00	4.50	1.39	5.89	18.000	**OK**	0.515	0.534	3.097	3.011		1.608
	Grade		2045+50.00	HB45	1586.29	60.65	2.00%	0.00	1585.08	0.00	2.00%	0.00	1585.08	HB45	-0.0126	0.4011	0.0000	1.608	1.636	**Right**	HB45	12.00	0.00	4.50	1.42	5.92	18.000	**OK**	0.517	0.537	3.135	3.045		1.636
	Grade		2045+55.00	HB45	1586.23	60.62	2.00%	0.00	1585.01	0.00	2.00%	0.00	1585.01	HB45	-0.0128	0.4081	0.0000	1.636	1.664	**Right**	HB45	12.00	0.00	4.50	1.44	5.94	18.000	**OK**	0.520	0.541	3.172	3.078		1.664
	Grade		2045+60.00	HB45	1586.16	60.58	2.00%	0.00	1584.95	0.00	2.00%	0.00	1584.95	HB45	-0.0130	0.4151	0.0000	1.664	1.692	**Right**	HB45	12.00	0.00	4.50	1.47	5.97	18.000	**OK**	0.522	0.544	3.208	3.111		1.692
	Grade		2045+65.00	HB45	1586.09	60.55	2.00%	0.00	1584.88	0.00	2.00%	0.00	1584.88	HB45	-0.0133	0.4220	0.0000	1.692	1.720	**Right**	HB45	12.00	0.00	4.50	1.50	6.00	18.000	**OK**	0.525	0.547	3.245	3.144		1.720
	Grade		2045+70.00	HB45	1586.03	60.51	2.00%	0.00	1584.82	0.00	2.00%	0.00	1584.82	HB45	-0.0135	0.4290	0.0000	1.720	1.748	**Right**	HB45	12.00	0.00	4.50	1.52	6.02	18.000	**OK**	0.527	0.550	3.281	3.176		1.748
	Grade		2045+75.00	HB45	1585.96	60.48	2.00%	0.00	1584.75	0.00	2.00%	0.00	1584.75	HB45	-0.0137	0.4359	0.0000	1.748	1.776	**Right**	HB45	12.00	0.00	4.50	1.55	6.05	18.000	**OK**	0.529	0.553	3.317	3.209		1.776
	Grade		2045+80.00	HB45	1585.89	60.44	2.00%	0.00	1584.68	0.00	2.00%	0.00	1584.68	HB45	-0.0139	0.4428	0.0000	1.776	1.804	**Right**	HB45	12.00	0.00	4.50	1.57	6.07	18.000	**OK**	0.532	0.557	3.353	3.241		1.804
	Grade		2045+85.00	HB45	1585.81	60.41	2.00%	0.00	1584.61	0.00	2.00%	0.00	1584.61	HB45	-0.0142	0.4498	0.0000	1.804	1.831	**Right**	HB45	12.00	0.00	4.50	1.60	6.10	18.000	**OK**	0.534	0.560	3.389	3.272		1.831
	Grade		2045+90.00	HB45	1585.74	60.37	2.00%	0.00	1584.53	0.00	2.00%	0.00	1584.53	HB45	-0.0144	0.4567	0.0000	1.831	1.859	**Right**	HB45	12.00	0.00	4.50	1.63	6.13	18.000	**OK**	0.536	0.563	3.425	3.304		1.859
	Grade		2045+95.00	HB45	1585.67	60.34	2.00%	0.00	1584.46	0.00	2.00%	0.00	1584.46	HB45	-0.0146	0.4636	0.0000	1.859	1.887	**Right**	HB45	12.00	0.00	4.50	1.65	6.15	18.000	**OK**	0.539	0.566	3.460	3.335		1.887
	Grade	3	2046+00.00	HB45	1585.59	60.30	2.00%	0.00	1584.39	0.00	2.00%	0.00	1584.39	HB45	-0.0148	0.4706	0.0000	1.887	1.915	**Right**	HB45	12.00	0.00	4.50	1.67	6.17	18.000	**OK**	0.541	0.569	3.495	3.366	3	1.915
	Grade		2046+05.00	HB45	1585.52	60.30	2.00%	0.00	1584.31	0.00	2.00%	0.00	1584.31	HB45	-0.0151	0.4775	0.0000	0.024	0.052	**Right**	HB45	12.00	0.00	2.03	0.00	2.03	18.000	**OK**	0.041	0.041	1.250	1.250		0.052
	Grade		2046+10.00	HB45	1585.44	60.30	2.00%	0.00	1584.24	0.00	2.00%	0.00	1584.24	HB45	-0.0153	0.4844	0.0000	0.052	0.079	**Right**	HB45	12.00	0.00	2.38	0.00	2.38	18.000	**OK**	0.057	0.057	1.400	1.400		0.079
	Grade		2046+15.00	HB45	1585.36	60.29	2.00%	0.00	1584.16	0.00	2.00%	0.00	1584.16	HB45	-0.0155	0.4913	0.0000	0.079	0.107	**Right**	HB45	12.00	0.00	2.66	0.00	2.66	18.000	**OK**	0.071	0.071	1.517	1.517		0.107
	Grade		2046+20.00	HB45	1585.29	60.29	2.00%	0.00	1584.08	0.00	2.00%	0.00	1584.08	HB45	-0.0157	0.4982	0.0000	0.107	0.135	**Right**	HB45	12.00	0.00	2.89	0.00	2.89	18.000	**OK**	0.084	0.084	1.615	1.615		0.135
	Grade		2046+25.00	HB45	1585.21	60.29	2.00%	0.00	1584.00	0.00	2.00%	0.00	1584.00	HB45	-0.0159	0.5052	0.0000	0.135	0.163	**Right**	HB45	12.00	0.00	3.09	0.00	3.09	18.000	**OK**	0.096	0.096	1.702	1.702		0.163
	Grade		2046+30.00	HB45	1585.12	60.29	2.00%	0.00	1583.92	0.00	2.00%	0.00	1583.92	HB45	-0.0162	0.5121	0.0000	0.163	0.190	**Right**	HB45	12.00	0.00	3.27	0.00	3.27	18.000	**OK**	0.107	0.107	1.779	1.779		0.190
	Grade		2046+35.00	HB45	1585.04	60.28	2.00%	0.00	1583.84	0.00	2.00%	0.00	1583.84	HB45	-0.0164	0.5190	0.0000	0.190	0.218	**Right**	HB45	12.00	0.00	3.43	0.00	3.43	18.000	**OK**	0.118	0.118	1.850	1.850		0.218
	Grade		2046+40.00	HB45	1584.96	60.28	2.00%	0.00	1583.75	0.00	2.00%	0.00	1583.75	HB45	-0.0166	0.5259	0.0000	0.218	0.246	**Right**	HB45	12.00	0.00	3.58	0.00	3.58	18.000	**OK**	0.128	0.128	1.916	1.916		0.246
	Grade		2046+45.00	HB45	1584.88	60.28	2.00%	0.00	1583.67	0.00	2.00%	0.00	1583.67	HB45	-0.0168	0.5328	0.0000	0.246	0.274	**Right**	HB45	12.00	0.00	3.72	0.00	3.72	18.000	**OK**	0.138	0.138	1.978	1.978		0.274
	Grade		2046+50.00	HB45	1584.79	60.28	2.00%	0.00	1583.58	0.00	2.00%	0.00	1583.58	HB45	-0.0171	0.5398	0.0000	0.274	0.301	**Right**	HB45	12.00	0.00	3.85	0.00	3.85	18.000	**OK**	0.148	0.148	2.036	2.036		0.301
	Grade		2046+55.00	HB45	1584.70	60.27	2.00%	0.00	1583.50	0.00	2.00%	0.00	1583.50	HB45	-0.0173	0.5467	0.0000	0.301	0.329	**Right**	HB45	12.00	0.00	3.97	0.00	3.97	18.000	**OK**	0.157	0.157	2.092	2.092		0.329
	Grade		2046+60.00	HB45	1584.62	60.27	2.00%	0.00	1583.41	0.00	2.00%	0.00	1583.41	HB45	-0.0175	0.5536	0.0000	0.329	0.357	**Right**	HB45	12.00	0.00	4.08	0.00	4.08	18.000	**OK**	0.166	0.166	2.145	2.145		0.357
	Grade		2046+65.00	HB45	1584.53	60.27	2.00%	0.00	1583.32	0.00	2.00%	0.00	1583.32	HB45	-0.0177	0.5605	0.0000	0.357	0.385	**Right**	HB45	12.00	0.00	4.19	0.00	4.19	18.000	**OK**	0.175	0.175	2.196	2.196		0.385
	Grade		2046+70.00	HB45	1584.44	60.27	2.00%	0.00	1583.23	0.00	2.00%	0.00	1583.23	HB45	-0.0180	0.5674	0.0000	0.385	0.412	**Right**	HB45	12.00	0.00	4.29	0.00	4.29	18.000	**OK**	0.184	0.184	2.245	2.245		0.412
	Grade		2046+75.00	HB45	1584.35	60.26	2.00%	0.00	1583.14	0.00	2.00%	0.00	1583.14	HB45	-0.0182	0.5744	0.0000	0.412	0.440	**Right**	HB45	12.00	0.00	4.38	0.00	4.38	18.000	**OK**	0.192	0.192	2.292	2.292		0.440
	Grade		2046+80.00	HB45	1584.25	60.26	2.00%	0.00	1583.05	0.00	2.00%	0.00	1583.05	HB45	-0.0184	0.5813	0.0000	0.440	0.468	**Right**	HB45	12.00	0.00	4.47	0.00	4.47	18.000	**OK**	0.200	0.200	2.338	2.338		0.468
	Grade		2046+85.00	HB45	1584.16	60.26	2.00%	0.00	1582.96	0.00	2.00%	0.00	1582.96	HB45	-0.0185	0.5882	0.0000	0.468	0.496	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.209	0.209	2.375	2.375		0.496
	Grade		2046+90.00	HB45	1584.07	60.26	2.00%	0.00	1582.86	0.00	2.00%	0.00	1582.86	HB45	-0.0185	0.5951	0.0000	0.496	0.523	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.217	0.217	2.410	2.410		0.523

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2046+95.00	HB45	1583.98	60.26	2.00%	0.00	1582.77	0.00	2.00%	0.00	1582.77	HB45	-0.0185	0.6020	0.0000	0.523	0.551	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.225	0.225	2.445	2.445		0.551
	Grade		2047+00.00	HB45	1583.88	60.25	2.00%	0.00	1582.68	0.00	2.00%	0.00	1582.68	HB45	-0.0185	0.6089	0.0000	0.551	0.579	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.233	0.233	2.479	2.479		0.579
	Grade		2047+05.00	HB45	1583.79	60.25	2.00%	0.00	1582.59	0.00	2.00%	0.00	1582.59	HB45	-0.0185	0.6159	0.0000	0.579	0.606	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.241	0.241	2.514	2.514		0.606
	Grade		2047+10.00	HB45	1583.70	60.25	2.00%	0.00	1582.50	0.00	2.00%	0.00	1582.50	HB45	-0.0185	0.6228	0.0000	0.606	0.634	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.249	0.249	2.548	2.548		0.634
	Grade		2047+15.00	HB45	1583.61	60.25	2.00%	0.00	1582.40	0.00	2.00%	0.00	1582.40	HB45	-0.0185	0.6297	0.0000	0.634	0.662	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.256	0.256	2.582	2.582		0.662
	Grade		2047+20.00	HB45	1583.52	60.24	2.00%	0.00	1582.31	0.00	2.00%	0.00	1582.31	HB45	-0.0185	0.6366	0.0000	0.662	0.690	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.264	0.264	2.616	2.616		0.690
	Grade		2047+25.00	HB45	1583.42	60.24	2.00%	0.00	1582.22	0.00	2.00%	0.00	1582.22	HB45	-0.0185	0.6435	0.0000	0.690	0.717	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.271	0.271	2.649	2.649		0.717
	Grade		2047+30.00	HB45	1583.33	60.24	2.00%	0.00	1582.13	0.00	2.00%	0.00	1582.13	HB45	-0.0185	0.6504	0.0000	0.717	0.745	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.278	0.278	2.681	2.681		0.745
	Grade		2047+35.00	HB45	1583.24	60.24	2.00%	0.00	1582.03	0.00	2.00%	0.00	1582.03	HB45	-0.0185	0.6573	0.0000	0.745	0.773	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.285	0.285	2.714	2.714		0.773
	Grade		2047+40.00	HB45	1583.15	60.23	2.00%	0.00	1581.94	0.00	2.00%	0.00	1581.94	HB45	-0.0185	0.6643	0.0000	0.773	0.801	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.292	0.292	2.746	2.746		0.801
	Grade		2047+45.00	HB45	1583.05	60.23	2.00%	0.00	1581.85	0.00	2.00%	0.00	1581.85	HB45	-0.0185	0.6712	0.0000	0.801	0.828	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.298	0.298	2.777	2.777		0.828
	Grade		2047+50.00	HB45	1582.96	60.23	2.00%	0.00	1581.76	0.00	2.00%	0.00	1581.76	HB45	-0.0185	0.6781	0.0000	0.828	0.856	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.305	0.305	2.808	2.808		0.856
	Grade		2047+55.00	HB45	1582.87	60.23	2.00%	0.00	1581.66	0.00	2.00%	0.00	1581.66	HB45	-0.0185	0.6850	0.0000	0.856	0.884	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.311	0.311	2.839	2.839		0.884
	Grade		2047+60.00	HB45	1582.78	60.22	2.00%	0.00	1581.57	0.00	2.00%	0.00	1581.57	HB45	-0.0185	0.6919	0.0000	0.884	0.911	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.318	0.318	2.869	2.869		0.911
	Grade		2047+65.00	HB45	1582.68	60.22	2.00%	0.00	1581.48	0.00	2.00%	0.00	1581.48	HB45	-0.0185	0.6988	0.0000	0.911	0.939	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.324	0.324	2.899	2.899		0.939
	Grade		2047+70.00	HB45	1582.59	60.22	2.00%	0.00	1581.39	0.00	2.00%	0.00	1581.39	HB45	-0.0185	0.7057	0.0000	0.939	0.967	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.330	0.330	2.928	2.928		0.967
	Grade		2047+75.00	HB45	1582.50	60.22	2.00%	0.00	1581.29	0.00	2.00%	0.00	1581.29	HB45	-0.0185	0.7126	0.0000	0.967	0.995	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.336	0.336	2.957	2.957		0.995
	Grade		2047+80.00	HB45	1582.41	60.22	2.00%	0.00	1581.20	0.00	2.00%	0.00	1581.20	HB45	-0.0185	0.7196	0.0000	0.995	1.022	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.342	0.342	2.986	2.986		1.022
	Grade		2047+85.00	HB45	1582.31	60.21	2.00%	0.00	1581.11	0.00	2.00%	0.00	1581.11	HB45	-0.0185	0.7265	0.0000	1.022	1.050	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.348	0.348	3.014	3.014		1.050
	Grade		2047+90.00	HB45	1582.22	60.21	2.00%	0.00	1581.02	0.00	2.00%	0.00	1581.02	HB45	-0.0185	0.7334	0.0000	1.050	1.078	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.354	0.354	3.042	3.042		1.078
	Grade		2047+95.00	HB45	1582.13	60.21	2.00%	0.00	1580.93	0.00	2.00%	0.00	1580.93	HB45	-0.0185	0.7403	0.0000	1.078	1.105	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.360	0.360	3.069	3.069		1.105
	Grade		2048+00.00	HB45	1582.04	60.21	2.00%	0.00	1580.83	0.00	2.00%	0.00	1580.83	HB45	-0.0185	0.7472	0.0000	1.105	1.133	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.366	0.366	3.097	3.097		1.133
	Grade		2048+05.00	HB45	1581.95	60.20	2.00%	0.00	1580.74	0.00	2.00%	0.00	1580.74	HB45	-0.0185	0.7541	0.0000	1.133	1.161	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.372	0.372	3.124	3.124		1.161
	Grade		2048+10.00	HB45	1581.85	60.20	2.00%	0.00	1580.65	0.00	2.00%	0.00	1580.65	HB45	-0.0185	0.7610	0.0000	1.161	1.188	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.377	0.377	3.150	3.150		1.188
	Grade		2048+15.00	HB45	1581.76	60.20	2.00%	0.00	1580.56	0.00	2.00%	0.00	1580.56	HB45	-0.0185	0.7679	0.0000	1.188	1.216	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.383	0.383	3.177	3.177		1.216
	Grade		2048+20.00	HB45	1581.67	60.20	2.00%	0.00	1580.46	0.00	2.00%	0.00	1580.46	HB45	-0.0185	0.7748	0.0000	1.216	1.244	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.388	0.388	3.203	3.203		1.244
	Grade		2048+25.00	HB45	1581.58	60.19	2.00%	0.00	1580.37	0.00	2.00%	0.00	1580.37	HB45	-0.0185	0.7818	0.0000	1.244	1.272	**Right**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.394	0.394	3.228	3.228		1.272
	Grade		2048+30.00	HB45	1581.48	60.19	2.00%	0.00	1580.28	0.00	2.00%	0.00	1580.28	HB45	-0.0185	0.7887	0.0000	1.272	1.299	**Right**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.399	0.399	3.254	3.253		1.299
	Grade		2048+35.00	HB45	1581.39	60.19	2.00%	0.00	1580.19	0.00	2.00%	0.00	1580.19	HB45	-0.0185	0.7956	0.0000	1.299	1.327	**Right**	HB45	12.00	0.00	4.50	0.16	4.66	18.000	**OK**	0.405	0.405	3.279	3.277		1.327
	Grade		2048+40.00	HB45	1581.30	60.19	2.00%	0.00	1580.09	0.00	2.00%	0.00	1580.09	HB45	-0.0185	0.8025	0.0000	1.327	1.355	**Right**	HB45	12.00	0.00	4.50	0.22	4.72	18.000	**OK**	0.410	0.410	3.304	3.300		1.355
	Grade		2048+45.00	HB45	1581.21	60.18	2.00%	0.00	1580.00	0.00	2.00%	0.00	1580.00	HB45	-0.0185	0.8094	0.0000	1.355	1.382	**Right**	HB45	12.00	0.00	4.50	0.28	4.78	18.000	**OK**	0.415	0.416	3.328	3.323		1.382
	Grade		2048+50.00	HB45	1581.11	60.18	2.00%	0.00	1579.91	0.00	2.00%	0.00	1579.91	HB45	-0.0185	0.8163	0.0000	1.382	1.410	**Right**	HB45	12.00	0.00	4.50	0.34	4.84	18.000	**OK**	0.420	0.422	3.353	3.344		1.410
	Grade		2048+55.00	HB45	1581.02	60.18	2.00%	0.00	1579.82	0.00	2.00%	0.00	1579.82	HB45	-0.0185	0.8232	0.0000	1.410	1.438	**Right**	HB45	12.00	0.00	4.50	0.40	4.90	18.000	**OK**	0.426	0.427	3.377	3.366		1.438
	Grade		2048+60.00	HB45	1580.93	60.18	2.00%	0.00	1579.73	0.00	2.00%	0.00	1579.73	HB45	-0.0185	0.8301	0.0000	1.438	1.465	**Right**	HB45	12.00	0.00	4.50	0.45	4.95	18.000	**OK**	0.431	0.433	3.400	3.386		1.465
	Grade		2048+65.00	HB45	1580.84	60.18	2.00%	0.00	1579.63	0.00	2.00%	0.00	1579.63	HB45	-0.0185	0.8370	0.0000	1.465	1.493	**Right**	HB45	12.00	0.00	4.50	0.51	5.01	18.000	**OK**	0.436	0.438	3.424	3.406		1.493
	Grade		2048+70.00	HB45	1580.74	60.17	2.00%	0.00	1579.54	0.00	2.00%	0.00	1579.54	HB45	-0.0185	0.8439	0.0000	1.493	1.521	**Right**	HB45	12.00	0.00	4.50	0.56	5.06	18.000	**OK**	0.441	0.444	3.447	3.426		1.521
	Grade		2048+75.00	HB45	1580.65	60.17	2.00%	0.00	1579.45	0.00	2.00%	0.00	1579.45	HB45	-0.0185	0.8508	0.0000	1.521	1.548	**Right**	HB45	12.00	0.00	4.50	0.62	5.12	18.000	**OK**	0.446	0.450	3.470	3.444		1.548
	Grade		2048+80.00	HB45	1580.56	60.17	2.00%	0.00	1579.36	0.00	2.00%	0.00	1579.36	HB45	-0.0185	0.8577	0.0000	1.548	1.576	**Right**	HB45	12.00	0.00	4.50	0.67	5.17	18.000	**OK**	0.451	0.455	3.492	3.463		1.576
	Grade		2048+85.00	HB45	1580.47	60.17	2.00%	0.00	1579.26	0.00	2.00%	0.00	1579.26	HB45	-0.0185	0.8646	0.0000	1.576	1.604	**Right**	HB45	12.00	0.00	4.50	0.73	5.23	18.000	**OK**	0.455	0.461	3.515	3.481		1.604
	Grade		2048+90.00	HB45	1580.37	60.16	2.00%	0.00	1579.17	0.00	2.00%	0.00	1579.17	HB45	-0.0185	0.8716	0.0000	1.604	1.632	**Right**	HB45	12.00	0.00	4.50	0.78	5.28	18.000	**OK**	0.460	0.466	3.537	3.498		1.632
	Grade		2048+95.00	HB45	1580.28	60.16	2.00%	0.00	1579.08	0.00	2.00%	0.00	1579.08	HB45	-0.0185	0.8785	0.0000	1.632	1.659	**Right**	HB45	12.00	0.00	4.50	0.83	5.33	18.000	**OK**	0.465	0.472	3.559	3.515		1.659
	Grade		2049+00.00	HB45	1580.19	60.16	2.00%	0.00	1578.99	0.00	2.00%	0.00	1578.99	HB45	-0.0185	0.8854	0.0000	1.659	1.687	**Right**	HB45	12.00	0.00	4.50	0.89	5.39	18.000	**OK**	0.470	0.478	3.580	3.532		1.687
	Grade		2049+05.00	HB45	1580.10	60.16	2.00%	0.00	1578.89	0.00	2.00%	0.00	1578.89	HB45	-0.0185	0.8923	0.0000	1.687	1.715	**Right**	HB45	12.00	0.00	4.50	0.94	5.44	18.000	**OK**	0.474	0.483	3.601	3.548		1.715
	Grade		2049+10.00	HB45	1580.01	60.15	2.00%	0.00	1578.80	0.00	2.00%	0.00	1578.80	HB45	-0.0185	0.8992	0.0000	1.715	1.742	**Right**	HB45	12.00	0.00	4.50	0.99	5.49	18.000	**OK**	0.479	0.489	3.623	3.564		1.742
	Grade		2049+15.00	HB45	1579.91	60.15	2.00%	0.00	1578.71	0.00	2.00%	0.00	1578.71	HB45	-0.0185	0.9061	0.0000	1.742	1.770	**Right**	HB45	12.00	0.00	4.50	1.04	5.54	18.000	**OK**	0.484	0.494	3.643	3.579		1.770
	Grade		2049+20.00	HB45	1579.82	60.15	2.00%	0.00	1578.62	0.00	2.00%	0.00	1578.62	HB45	-0.0185	0.9130	0.0000	1.770	1.798	**Right**	HB45	12.00	0.00	4.50	1.09	5.59	18.000	**OK**	0.488	0.500	3.664	3.594		1.798
	Grade		2049+25.00	HB45	1579.73	60.15	2.00%	0.00	1578.53	0.00	2.00%	0.00	1578.53	HB45	-0.0185	0.9199	0.0000	1.798	1.825	**Right**	HB45	12.00	0.00	4.50	1.14	5.64	18.000	**OK**	0.493	0.506	3.684	3.609		1.825
	Grade		2049+30.00	HB45	1579.64	60.14	2.00%	0.00	1578.43	0.00	2.00%	0.00	1578.43	HB45	-0.0185	0.9268	0.0000	1.825	1.853	**Right**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.497	0.511	3.705	3.624		1.853
	Grade		2049+35.00	HB45	1579.54	60.14	2.00%	0.00	1578.34	0.00	2.00%	0.00	1578.34	HB45	-0.0185	0.9337	0.0000	1.853	1.881	**Right**	HB45	12.00	0.00	4.50	1.24	5.74	18.000	**OK**	0.502	0.517	3.725	3.638		1.881
	Grade		2049+40.00	HB45	1579.45	60.14	2.00%	0.00	1578.25	0.00	2.00%	0.00	1578.25	HB45	-0.0185	0.9406	0.0000	1.881	1.908	**Right**	HB45	12.00	0.00	4.50	1.29	5.79	18.000	**OK**	0.506	0.523	3.744	3.652		1.908
	Grade		2049+45.00	HB45	1579.36	60.14	2.00%	0.00	1578.16	0.00	2.00%	0.00	1578.16	HB45	-0.0185	0.9475	0.0000	1.908	1.936	**Right**	HB45	12.00	0.00	4.50	1.34	5.84	18.000	**OK**	0.510	0.528	3.764	3.665		1.936
	Grade		2049+50.00	HB45	1579.27	60.14	2.00%	0.00	1578.06	0.00	2.00%	0.00	1578.06	HB45	-0.0185	0.9544	0.0000	1.936	1.964	**Right**	HB45	12.00	0.00	4.50	1.38	5.88	18.000	**OK**	0.515	0.534	3.783	3.679		1.964
	Grade		2049+55.00	HB45	1579.17	60.13	2.00%	0.00	1577.97	0.00	2.00%	0.00	1577.97	HB45	-0.0185	0.9613	0.0000	1.964	1.991	**Right**	HB45	12.00	0.00	4.50	1.43	5.93	18.000	**OK**	0.519	0.539	3.802	3.692		1.991
	Grade		2049+60.00	HB45	1579.08	60.13	2.00%	0.00	1577.88	0.00	2.00%	0.00	1577.88	HB45	-0.0185	0.9682	0.0000	1.991	2.019	**Right**	HB45	12.00	0.00	4.50	1.48	5.98	18.000	**OK**	0.523	0.545	3.821	3.704		2.019
	Grade		2049+65.00	HB45	1578.99	60.13	2.00%	0.00	1577.79	0.00	2.00%	0.00	1577.79	HB45	-0.0185	0.9751	0.0000	2.019	2.047	**Right**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.527	0.551	3.840	3.717		2.047
	Grade		2049+70.00	HB45	1578.90	60.13	2.00%	0.00	1577.69	0.00	2.00%	0.00	1577.69	HB45	-0.0185	0.9820	0.0000	2.047	2.074	**Right**	HB45	12.00	0.00	4.50	1.57	6.07	18.000	**OK**	0.532	0.556	3.859	3.729		2.074
	Grade		2049+75.00	HB45	1578.80	60.12	2.00%	0.00	1577.60	0.00	2.00%	0.00	1577.60	HB45	-0.0185	0.9889	0.0000	2.074	2.102	**Right**	HB45	12.00	0.00	4.50	1.62	6.12	18.000	**OK**	0.536	0.562	3.877	3.741		2.102
	Grade		2049+80.00	HB45	1578.71	60.12	2.00%	0.00	1577.51	0.00	2.00%	0.00	1577.51	HB45	-0.0185	0.9958	0.0000	2.102	2.130	**Right**	HB45	12.00	0.00	4.50	1.66	6.16	18.000	**OK**	0.540	0.567	3.895	3.753		2.130
	Grade		2049+85.00	HB45	1578.62	60.12	2.00%	0.00	1577.42	0.00	2.00%	0.00	1577.42	HB45	-0.0185	1.0027	0.0000	2.130	2.157	**Right**	HB45	12.00	0.00	4.50	1.71	6.21	18.000	**OK**	0.544	0.573	3.913	3.765		2.157
	Grade		2049+90.00	HB45	1578.53	60.12	2.00%	0.00	1577.33	0.00	2.00%	0.00	1577.33	HB45	-0.0185	1.0096	0.0000	2.157	2.185	**Right**	HB45	12.00	0.00	4.50	1.75	6.25	18.000	**OK**	0.548	0.579	3.931	3.776		2.185
	Grade		2049+95.00	HB45	1578.44	60.11	2.00%	0.00	1577.23	0.00	2.00%	0.00	1577.23	HB45	-0.0185	1.0165	0.0000	2.185	2.213	**Right**	HB45	12.00	0.00	4.50	1.80	6.30	18.000	**OK**	0.552	0.584	3.949	3.788		2.213
	Grade		2050+00.00	HB45	1578.34	60.11	2.00%	0.00	1577.14	0.00	2.00%	0.00	1577.14	HB45	-0.0185	1.0234	0.0000	2.213	2.240	**Right**	HB45	12.00	0.00	4.50	1.84	6.34	18.000	**OK**	0.556	0.590	3.966	3.799		2.240
	Grade		2050+05.00	HB45	1578.25	60.11	2.00%	0.00	1577.05	0.00	2.00%	0.00	1577.05	HB45	-0.0185	1.0303	0.0000	2.240	2.268	**Right**	HB45	12.00	0.00	4.50	1.89	6.39	18.000	**OK**	0.560	0.595	3.984	3.810		2.268
	Grade		2050+10.00	HB45	1578.16	60.11	2.00%	0.00	1576.96	0.00	2.00%	0.00	1576.96	HB45	-0.0185	1.0372	0.0000	2.268	2.296	**Right**	HB45	12.00	0.00	4.50	1.93	6.43	18.000	**OK**	0.564	0.601	4.001	3.821		2.296
	Grade		2050+15.00	HB45	1578.07	60.10	2.00%	0.00	1576.86	0.00	2.00%	0.00	1576.86	HB45	-0.0185	1.0441	0.0000	2.296	2.323	**Right**	HB45	12.00	0.00	4.50	1.97	6.47	18.000	**OK**	0.568	0.606	4.018	3.831		2.323
	Grade		2050+20.00	HB45	1577.97	60.10	2.00%	0.00	1576.77	0.00	2.00%	0.00	1576.77	HB45	-0.0185	1.0510	0.0000	2.323	2.351	**Right**	HB45	12.00	0.00	4.50	2.02	6.52	18.000	**OK**	0.571	0.612	4.035	3.841		2.351
	Grade		2050+25.00	HB45	1577.88	60.10	2.00%	0.00	1576.68	0.00	2.00%	0.00	1576.68	HB45	-0.0185	1.0579	0.0000	2.351	2.379	**Right**	HB45	12.00	0.00	4.50	2.06	6.56	18.000	**OK**	0.575	0.618	4.052	3.852		2.379
	Grade		2050+30.00	HB45	1577.79	60.10	2.00%	0.00	1576.59	0.00	2.00%	0.00	1576.59	HB45	-0.0185	1.0648	0.0000	2.379	2.406	**Right**	HB45	12.00	0.00	4.50	2.10	6.60	18.000	**OK**	0.579	0.623	4.068	3.862		2.406
	Grade		2050+35.00	HB45	1577.70	60.10	2.00%	0.00	1576.49	0.00	2.00%	0.00	1576.49	HB45	-0.0185	1.0717	0.0000	2.406	2.434	**Right**	HB45	12.00	0.00	4.50	2.14	6.64	18.000	**OK**	0.583	0.629	4.085	3.872		2.434
	Grade		2050+40.00	HB45	1577.60	60.09	2.00%	0.00	1576.40	0.00	2.00%	0.00	1576.40	HB45	-0.0185	1.0786	0.0000	2.434	2.462	**Right**	HB45	12.00	0.00	4.50	2.18	6.68	18.000	**OK**	0.587	0.634	4.101	3.882		2.462
	Grade		2050+45.00	HB45	1577.51	60.09	2.00%	0.00	1576.31	0.00	2.00%	0.00	1576.31	HB45	-0.0185	1.0855	0.0000	2.462	2.489	**Right**	HB45	12.00	0.00	4.50	2.22	6.72	18.000	**OK**	0.590	0.640	4.117	3.891		2.489

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2050+50.00	HB45	1577.42	60.09	2.00%	0.00	1576.22	0.00	2.00%	0.00	1576.22	HB45	-0.0185	1.0924	0.0000	2.489	2.517	**Right**	HB45	12.00	0.00	4.50	2.27	6.77	18.000	**OK**	0.594	0.645	4.133	3.901		2.517
	Grade		2050+55.00	HB45	1577.33	60.09	2.00%	0.00	1576.13	0.00	2.00%	0.00	1576.13	HB45	-0.0185	1.0993	0.0000	2.517	2.545	**Right**	HB45	12.00	0.00	4.50	2.31	6.81	18.000	**OK**	0.598	0.651	4.149	3.910		2.545
	Grade		2050+60.00	HB45	1577.23	60.08	2.00%	0.00	1576.03	0.00	2.00%	0.00	1576.03	HB45	-0.0185	1.1062	0.0000	2.545	2.572	**Right**	HB45	12.00	0.00	4.50	2.35	6.85	18.000	**OK**	0.601	0.656	4.165	3.919		2.572
	Grade		2050+65.00	HB45	1577.14	60.08	2.00%	0.00	1575.94	0.00	2.00%	0.00	1575.94	HB45	-0.0185	1.1131	0.0000	2.572	2.600	**Right**	HB45	12.00	0.00	4.50	2.39	6.89	18.000	**OK**	0.605	0.662	4.181	3.929		2.600
	Grade		2050+70.00	HB45	1577.05	60.08	2.00%	0.00	1575.85	0.00	2.00%	0.00	1575.85	HB45	-0.0185	1.1200	0.0000	2.600	2.628	**Right**	HB45	12.00	0.00	4.50	2.43	6.93	18.000	**OK**	0.608	0.667	4.196	3.938		2.628
	Grade		2050+75.00	HB45	1576.96	60.08	2.00%	0.00	1575.76	0.00	2.00%	0.00	1575.76	HB45	-0.0185	1.1269	0.0000	2.628	2.655	**Right**	HB45	12.00	0.00	4.50	2.47	6.97	18.000	**OK**	0.612	0.673	4.212	3.946		2.655
	Grade	3	2050+80.00	HB45	1576.87	60.07	2.00%	0.00	1575.66	0.00	2.00%	0.00	1575.66	HB45	-0.0185	1.1338	0.0000	2.655	2.683	**Right**	HB45	12.00	0.00	4.50	2.51	7.01	18.000	**OK**	0.616	0.678	4.227	3.955	3	2.683
	Grade		2050+85.00	HB45	1576.77	60.07	2.00%	0.00	1575.57	0.00	2.00%	0.00	1575.57	HB45	-0.0185	1.1407	0.0000	0.166	0.194	**Right**	HB45	12.00	0.00	3.21	0.00	3.21	18.000	**OK**	0.103	0.103	1.878	1.878		0.194
	Grade		2050+90.00	HB45	1576.68	60.07	2.00%	0.00	1575.48	0.00	2.00%	0.00	1575.48	HB45	-0.0185	1.1476	0.0000	0.194	0.221	**Right**	HB45	12.00	0.00	3.38	0.00	3.38	18.000	**OK**	0.114	0.114	1.942	1.942		0.221
	Grade		2050+95.00	HB45	1576.59	60.07	2.00%	0.00	1575.39	0.00	2.00%	0.00	1575.39	HB45	-0.0185	1.1545	0.0000	0.221	0.249	**Right**	HB45	12.00	0.00	3.53	0.00	3.53	18.000	**OK**	0.125	0.125	2.000	2.000		0.249
	Grade		2051+00.00	HB45	1576.50	60.06	2.00%	0.00	1575.29	0.00	2.00%	0.00	1575.29	HB45	-0.0185	1.1614	0.0000	0.249	0.277	**Right**	HB45	12.00	0.00	3.67	0.00	3.67	18.000	**OK**	0.135	0.135	2.053	2.053		0.277
	Grade		2051+05.00	HB45	1576.40	60.06	2.00%	0.00	1575.20	0.00	2.00%	0.00	1575.20	HB45	-0.0185	1.1683	0.0000	0.277	0.304	**Right**	HB45	12.00	0.00	3.81	0.00	3.81	18.000	**OK**	0.145	0.145	2.102	2.102		0.304
	Grade		2051+10.00	HB45	1576.31	60.06	2.00%	0.00	1575.11	0.00	2.00%	0.00	1575.11	HB45	-0.0185	1.1751	0.0000	0.304	0.332	**Right**	HB45	12.00	0.00	3.93	0.00	3.93	18.000	**OK**	0.155	0.155	2.148	2.148		0.332
	Grade		2051+15.00	HB45	1576.22	60.06	2.00%	0.00	1575.02	0.00	2.00%	0.00	1575.02	HB45	-0.0185	1.1820	0.0000	0.332	0.360	**Right**	HB45	12.00	0.00	4.05	0.00	4.05	18.000	**OK**	0.164	0.164	2.192	2.192		0.360
	Grade		2051+20.00	HB45	1576.13	60.06	2.00%	0.00	1574.93	0.00	2.00%	0.00	1574.93	HB45	-0.0185	1.1889	0.0000	0.360	0.387	**Right**	HB45	12.00	0.00	4.16	0.00	4.16	18.000	**OK**	0.173	0.173	2.233	2.233		0.387
	Grade		2051+25.00	HB45	1576.03	60.05	2.00%	0.00	1574.83	0.00	2.00%	0.00	1574.83	HB45	-0.0185	1.1958	0.0000	0.387	0.415	**Right**	HB45	12.00	0.00	4.27	0.00	4.27	18.000	**OK**	0.183	0.183	2.272	2.272		0.415
	Grade		2051+30.00	HB45	1575.94	60.05	2.00%	0.00	1574.74	0.00	2.00%	0.00	1574.74	HB45	-0.0185	1.2027	0.0000	0.415	0.443	**Right**	HB45	12.00	0.00	4.38	0.00	4.38	18.000	**OK**	0.192	0.192	2.309	2.309		0.443
	Grade		2051+35.00	HB45	1575.85	60.05	2.00%	0.00	1574.65	0.00	2.00%	0.00	1574.65	HB45	-0.0185	1.2096	0.0000	0.443	0.470	**Right**	HB45	12.00	0.00	4.48	0.00	4.48	18.000	**OK**	0.201	0.201	2.344	2.344		0.470
	Grade		2051+40.00	HB45	1575.76	60.05	2.00%	0.00	1574.56	0.00	2.00%	0.00	1574.56	HB45	-0.0185	1.2165	0.0000	0.470	0.498	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.209	0.209	2.378	2.378		0.498
	Grade		2051+45.00	HB45	1575.66	60.04	2.00%	0.00	1574.46	0.00	2.00%	0.00	1574.46	HB45	-0.0185	1.2234	0.0000	0.498	0.525	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.218	0.218	2.413	2.413		0.525
	Grade		2051+50.00	HB45	1575.57	60.04	2.00%	0.00	1574.37	0.00	2.00%	0.00	1574.37	HB45	-0.0185	1.2303	0.0000	0.525	0.553	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.226	0.226	2.447	2.447		0.553
	Grade		2051+55.00	HB45	1575.48	60.04	2.00%	0.00	1574.28	0.00	2.00%	0.00	1574.28	HB45	-0.0185	1.2372	0.0000	0.553	0.581	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.234	0.234	2.482	2.482		0.581
	Grade		2051+60.00	HB45	1575.39	60.04	2.00%	0.00	1574.19	0.00	2.00%	0.00	1574.19	HB45	-0.0185	1.2441	0.0000	0.581	0.608	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.242	0.242	2.516	2.516		0.608
	Grade		2051+65.00	HB45	1575.30	60.03	2.00%	0.00	1574.09	0.00	2.00%	0.00	1574.09	HB45	-0.0185	1.2510	0.0000	0.608	0.636	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.249	0.249	2.550	2.550		0.636
	Grade		2051+70.00	HB45	1575.20	60.03	2.00%	0.00	1574.00	0.00	2.00%	0.00	1574.00	HB45	-0.0185	1.2579	0.0000	0.636	0.664	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.257	0.257	2.584	2.584		0.664
	Grade		2051+75.00	HB45	1575.11	60.03	2.00%	0.00	1573.91	0.00	2.00%	0.00	1573.91	HB45	-0.0185	1.2647	0.0000	0.664	0.691	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.264	0.264	2.618	2.618		0.691
	Grade		2051+80.00	HB45	1575.02	60.03	2.00%	0.00	1573.82	0.00	2.00%	0.00	1573.82	HB45	-0.0185	1.2716	0.0000	0.691	0.719	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.271	0.271	2.651	2.651		0.719
	Grade		2051+85.00	HB45	1574.93	60.02	2.00%	0.00	1573.73	0.00	2.00%	0.00	1573.73	HB45	-0.0185	1.2785	0.0000	0.719	0.746	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.278	0.278	2.683	2.683		0.746
	Grade		2051+90.00	HB45	1574.83	60.02	2.00%	0.00	1573.63	0.00	2.00%	0.00	1573.63	HB45	-0.0185	1.2854	0.0000	0.746	0.774	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.285	0.285	2.715	2.715		0.774
	Grade		2051+95.00	HB45	1574.74	60.02	2.00%	0.00	1573.54	0.00	2.00%	0.00	1573.54	HB45	-0.0185	1.2923	0.0000	0.774	0.802	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.292	0.292	2.747	2.747		0.802
	Grade		2052+00.00	HB45	1574.65	60.02	2.00%	0.00	1573.45	0.00	2.00%	0.00	1573.45	HB45	-0.0185	1.2992	0.0000	0.802	0.829	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.299	0.299	2.778	2.778		0.829
	Grade		2052+05.00	HB45	1574.61	60.02	2.00%	0.00	1573.41	0.00	2.00%	0.00	1573.41	HB45	-0.0079	1.3061	0.0000	0.829	0.857	**Right**	HB45	12.00	0.00	4.50	0.13	4.63	18.000	**OK**	0.402	0.402	2.133	2.132		0.857
	Grade		2052+10.00	HB45	1574.52	60.01	2.00%	0.00	1573.32	0.00	2.00%	0.00	1573.32	HB45	-0.0184	1.3130	0.0000	0.857	0.885	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.312	0.312	2.837	2.837		0.885
	Grade		2052+15.00	HB45	1574.43	60.01	2.00%	0.00	1573.23	0.00	2.00%	0.00	1573.23	HB45	-0.0182	1.3199	0.0000	0.885	0.912	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.319	0.319	2.857	2.857		0.912
	Grade		2052+20.00	HB45	1574.34	60.01	2.00%	0.00	1573.14	0.00	2.00%	0.00	1573.14	HB45	-0.0180	1.3267	0.0000	0.912	0.940	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.327	0.327	2.876	2.876		0.940
	Grade		2052+25.00	HB45	1574.25	60.01	2.00%	0.00	1573.05	0.00	2.00%	0.00	1573.05	HB45	-0.0178	1.3336	0.0000	0.940	0.967	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.334	0.334	2.894	2.894		0.967
	Grade		2052+30.00	HB45	1574.16	60.00	2.00%	0.00	1572.96	0.00	2.00%	0.00	1572.96	HB45	-0.0176	1.3405	0.0000	0.967	0.995	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.342	0.342	2.912	2.912		0.995
	Grade		2052+35.00	HB45	1574.07	60.00	2.00%	0.00	1572.87	0.00	2.00%	0.00	1572.87	HB45	-0.0174	1.3474	0.0000	0.995	1.023	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.349	0.349	2.929	2.929		1.023
	Grade		2052+40.00	HB45	1573.99	60.00	2.00%	0.00	1572.79	0.00	2.00%	0.00	1572.79	HB45	-0.0172	1.3543	0.0000	1.023	1.050	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.357	0.357	2.945	2.945		1.050
	Grade		2052+45.00	HB45	1573.90	60.00	2.00%	0.00	1572.70	0.00	2.00%	0.00	1572.70	HB45	-0.0170	1.3612	0.0000	1.050	1.078	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.364	0.364	2.961	2.961		1.078
	Grade		2052+50.00	HB45	1573.82	59.99	2.00%	0.00	1572.62	0.00	2.00%	0.00	1572.62	HB45	-0.0168	1.3681	0.0000	1.078	1.105	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.371	0.371	2.976	2.976		1.105
	Grade		2052+55.00	HB45	1573.73	59.99	2.00%	0.00	1572.53	0.00	2.00%	0.00	1572.53	HB45	-0.0166	1.3750	0.0000	1.105	1.133	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.379	0.379	2.991	2.991		1.133
	Grade		2052+60.00	HB45	1573.65	59.99	2.00%	0.00	1572.45	0.00	2.00%	0.00	1572.45	HB45	-0.0164	1.3818	0.0000	1.133	1.161	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	3.005	3.005		1.161
	Grade		2052+65.00	HB45	1573.57	59.99	2.00%	0.00	1572.37	0.00	2.00%	0.00	1572.37	HB45	-0.0162	1.3887	0.0000	1.161	1.188	**Right**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.394	0.394	3.019	3.018		1.188
	Grade		2052+70.00	HB45	1573.49	59.98	2.00%	0.00	1572.29	0.00	2.00%	0.00	1572.29	HB45	-0.0159	1.3956	0.0000	1.188	1.216	**Right**	HB45	12.00	0.00	4.50	0.12	4.62	18.000	**OK**	0.401	0.401	3.032	3.030		1.216
	Grade		2052+75.00	HB45	1573.41	59.98	2.00%	0.00	1572.21	0.00	2.00%	0.00	1572.21	HB45	-0.0157	1.4025	0.0000	1.216	1.244	**Right**	HB45	12.00	0.00	4.50	0.21	4.71	18.000	**OK**	0.408	0.409	3.044	3.041		1.244
	Grade		2052+80.00	HB45	1573.34	59.98	2.00%	0.00	1572.14	0.00	2.00%	0.00	1572.14	HB45	-0.0155	1.4094	0.0000	1.244	1.271	**Right**	HB45	12.00	0.00	4.50	0.29	4.79	18.000	**OK**	0.416	0.417	3.056	3.050		1.271
	Grade		2052+85.00	HB45	1573.26	59.98	2.00%	0.00	1572.06	0.00	2.00%	0.00	1572.06	HB45	-0.0153	1.4163	0.0000	1.271	1.299	**Right**	HB45	12.00	0.00	4.50	0.37	4.87	18.000	**OK**	0.423	0.425	3.067	3.058		1.299
	Grade		2052+90.00	HB45	1573.18	59.98	2.00%	0.00	1571.98	0.00	2.00%	0.00	1571.98	HB45	-0.0151	1.4232	0.0000	1.299	1.326	**Right**	HB45	12.00	0.00	4.50	0.45	4.95	18.000	**OK**	0.431	0.433	3.077	3.064		1.326
	Grade		2052+95.00	HB45	1573.11	59.97	2.00%	0.00	1571.91	0.00	2.00%	0.00	1571.91	HB45	-0.0149	1.4300	0.0000	1.326	1.354	**Right**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.438	0.441	3.087	3.070		1.354
	Grade		2053+00.00	HB45	1573.03	59.97	2.00%	0.00	1571.84	0.00	2.00%	0.00	1571.84	HB45	-0.0147	1.4369	0.0000	1.354	1.382	**Right**	HB45	12.00	0.00	4.50	0.62	5.12	18.000	**OK**	0.446	0.449	3.096	3.074		1.382
	Grade		2053+05.00	HB45	1572.96	59.97	2.00%	0.00	1571.76	0.00	2.00%	0.00	1571.76	HB45	-0.0145	1.4438	0.0000	1.382	1.409	**Right**	HB45	12.00	0.00	4.50	0.70	5.20	18.000	**OK**	0.453	0.458	3.105	3.077		1.409
	Grade		2053+10.00	HB45	1572.89	59.97	2.00%	0.00	1571.69	0.00	2.00%	0.00	1571.69	HB45	-0.0143	1.4507	0.0000	1.409	1.437	**Right**	HB45	12.00	0.00	4.50	0.78	5.28	18.000	**OK**	0.461	0.467	3.113	3.079		1.437
	Grade		2053+15.00	HB45	1572.82	59.96	2.00%	0.00	1571.62	0.00	2.00%	0.00	1571.62	HB45	-0.0141	1.4576	0.0000	1.437	1.464	**Right**	HB45	12.00	0.00	4.50	0.87	5.37	18.000	**OK**	0.468	0.475	3.120	3.080		1.464
	Grade		2053+20.00	HB45	1572.75	59.96	2.00%	0.00	1571.55	0.00	2.00%	0.00	1571.55	HB45	-0.0139	1.4645	0.0000	1.464	1.492	**Right**	HB45	12.00	0.00	4.50	0.95	5.45	18.000	**OK**	0.475	0.484	3.127	3.080		1.492
	Grade		2053+25.00	HB45	1572.68	59.96	2.00%	0.00	1571.48	0.00	2.00%	0.00	1571.48	HB45	-0.0137	1.4713	0.0000	1.492	1.519	**Right**	HB45	12.00	0.00	4.50	1.03	5.53	18.000	**OK**	0.483	0.494	3.133	3.079		1.519
	Grade		2053+30.00	HB45	1572.61	59.96	2.00%	0.00	1571.42	0.00	2.00%	0.00	1571.42	HB45	-0.0135	1.4782	0.0000	1.519	1.547	**Right**	HB45	12.00	0.00	4.50	1.12	5.62	18.000	**OK**	0.490	0.503	3.138	3.076		1.547
	Grade		2053+35.00	HB45	1572.55	59.95	2.00%	0.00	1571.35	0.00	2.00%	0.00	1571.35	HB45	-0.0133	1.4851	0.0000	1.547	1.575	**Right**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.498	0.512	3.143	3.074		1.575
	Grade		2053+40.00	HB45	1572.48	59.95	2.00%	0.00	1571.28	0.00	2.00%	0.00	1571.28	HB45	-0.0131	1.4920	0.0000	1.575	1.602	**Right**	HB45	12.00	0.00	4.50	1.28	5.78	18.000	**OK**	0.505	0.522	3.147	3.070		1.602
	Grade		2053+45.00	HB45	1572.42	59.95	2.00%	0.00	1571.22	0.00	2.00%	0.00	1571.22	HB45	-0.0129	1.4989	0.0000	1.602	1.630	**Right**	HB45	12.00	0.00	4.50	1.37	5.87	18.000	**OK**	0.513	0.532	3.150	3.065		1.630
	Grade		2053+50.00	HB45	1572.36	59.95	2.00%	0.00	1571.16	0.00	2.00%	0.00	1571.16	HB45	-0.0126	1.5057	0.0000	1.630	1.657	**Right**	HB45	12.00	0.00	4.50	1.45	5.95	18.000	**OK**	0.521	0.542	3.153	3.060		1.657
	Grade		2053+55.00	HB45	1572.29	59.94	2.00%	0.00	1571.09	0.00	2.00%	0.00	1571.09	HB45	-0.0124	1.5126	0.0000	1.657	1.685	**Right**	HB45	12.00	0.00	4.50	1.54	6.04	18.000	**OK**	0.528	0.552	3.155	3.053		1.685
	Grade		2053+60.00	HB45	1572.23	59.94	2.00%	0.00	1571.03	0.00	2.00%	0.00	1571.03	HB45	-0.0122	1.5195	0.0000	1.685	1.713	**Right**	HB45	12.00	0.00	4.50	1.62	6.12	18.000	**OK**	0.536	0.562	3.157	3.046		1.713
	Grade		2053+65.00	HB45	1572.17	59.94	2.00%	0.00	1570.97	0.00	2.00%	0.00	1570.97	HB45	-0.0120	1.5264	0.0000	1.713	1.740	**Right**	HB45	12.00	0.00	4.50	1.71	6.21	18.000	**OK**	0.544	0.573	3.158	3.038		1.740
	Grade		2053+70.00	HB45	1572.11	59.94	2.00%	0.00	1570.91	0.00	2.00%	0.00	1570.91	HB45	-0.0118	1.5333	0.0000	1.740	1.768	**Right**	HB45	12.00	0.00	4.50	1.79	6.29	18.000	**OK**	0.551	0.583	3.158	3.030		1.768
	Grade		2053+75.00	HB45	1572.05	59.94	2.00%	0.00	1570.86	0.00	2.00%	0.00	1570.86	HB45	-0.0116	1.5401	0.0000	1.768	1.795	**Right**	HB45	12.00	0.00	4.50	1.88	6.38	18.000	**OK**	0.559	0.594	3.158	3.020		1.795
	Grade		2053+80.00	HB45	1572.00	59.93	2.00%	0.00	1570.80	0.00	2.00%	0.00	1570.80	HB45	-0.0114	1.5470	0.0000	1.795	1.823	**Right**	HB45	12.00	0.00	4.50	1.97	6.47	18.000	**OK**	0.567	0.606	3.156	3.010		1.823
	Grade		2053+85.00	HB45	1571.94	59.93	2.00%	0.00	1570.74	0.00	2.00%	0.00	1570.74	HB45	-0.0112	1.5539	0.0000	1.823	1.850	**Right**	HB45	12.00	0.00	4.50	2.05	6.55	18.000	**OK**	0.575	0.617	3.155	2.999		1.850
	Grade		2053+90.00	HB45	1571.89	59.93	2.00%	0.00	1570.69	0.00	2.00%	0.00	1570.69	HB45	-0.0110	1.5608	0.0000	1.850	1.878	**Right**	HB45	12.00	0.00	4.50	2.14	6.64	18.000	**OK**	0.583	0.629	3.152	2.988		1.878
	Grade		2053+95.00	HB45	1571.83	59.93	2.00%	0.00	1570.63	0.00	2.00%	0.00	1570.63	HB45	-0.0108	1.5677	0.0000	1.878	1.906	**Right**	HB45	12.00	0.00	4.50	2.23	6.73	18.000	**OK**	0.591	0.640	3.149	2.976		1.906
	Grade		2054+00.00	HB45	1571.78	59.92	2.00%	0.00	1570.58	0.00	2.00%	0.00	1570.58	HB45	-0.0106	1.5745	0.0000	1.906	1.933	**Right**	HB45	12.00	0.00	4.50	2.32	6.82	18.000	**OK**	0.599	0.653	3.145	2.963		1.933

Alignment:	Grade or Sag	Sta Incr(ft): >> / CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2054+05.00	HB45	1571.73	59.92	2.00%	0.00	1570.53	0.00	2.00%	0.00	1570.53	HB45	-0.0104	1.5814	0.0000	1.933	1.961	**Right**	HB45	12.00	0.00	4.50	2.41	6.91	18.000	**OK**	0.607	0.665	3.141	2.949		1.961
	Grade		2054+10.00	HB45	1571.68	59.92	2.00%	0.00	1570.48	0.00	2.00%	0.00	1570.48	HB45	-0.0102	1.5883	0.0000	1.961	1.988	**Right**	HB45	12.00	0.00	4.50	2.50	7.00	18.000	**OK**	0.615	0.678	3.136	2.935		1.988
	Grade	3	2054+15.00	HB45	1571.63	59.92	2.00%	0.00	1570.43	0.00	2.00%	0.00	1570.43	HB45	-0.0100	1.5952	0.0000	1.988	2.016	**Right**	HB45	12.00	0.00	4.50	2.59	7.09	18.000	**OK**	0.623	0.690	3.130	2.920	3	2.016
	Grade		2054+20.00	HB45	1571.58	59.91	2.00%	0.00	1570.38	0.00	2.00%	0.00	1570.38	HB45	-0.0098	1.6021	0.0000	0.063	0.090	**Right**	HB45	12.00	0.00	2.72	0.00	2.72	18.000	**OK**	0.074	0.074	1.221	1.221		0.090
	Grade		2054+25.00	HB45	1571.53	59.91	2.00%	0.00	1570.33	0.00	2.00%	0.00	1570.33	HB45	-0.0096	1.6089	0.0000	0.090	0.118	**Right**	HB45	12.00	0.00	3.01	0.00	3.01	18.000	**OK**	0.091	0.091	1.295	1.295		0.118
	Grade		2054+30.00	HB45	1571.48	59.91	2.00%	0.00	1570.29	0.00	2.00%	0.00	1570.29	HB45	-0.0093	1.6158	0.0000	0.118	0.145	**Right**	HB45	12.00	0.00	3.28	0.00	3.28	18.000	**OK**	0.107	0.107	1.354	1.354		0.145
	Grade		2054+35.00	HB45	1571.44	59.91	2.00%	0.00	1570.24	0.00	2.00%	0.00	1570.24	HB45	-0.0091	1.6227	0.0000	0.145	0.173	**Right**	HB45	12.00	0.00	3.51	0.00	3.51	18.000	**OK**	0.123	0.123	1.402	1.402		0.173
	Grade		2054+40.00	HB45	1571.39	59.90	2.00%	0.00	1570.19	0.00	2.00%	0.00	1570.19	HB45	-0.0089	1.6296	0.0000	0.173	0.200	**Right**	HB45	12.00	0.00	3.73	0.00	3.73	18.000	**OK**	0.139	0.139	1.442	1.442		0.200
	Grade		2054+45.00	HB45	1571.35	59.90	2.00%	0.00	1570.15	0.00	2.00%	0.00	1570.15	HB45	-0.0087	1.6364	0.0000	0.200	0.228	**Right**	HB45	12.00	0.00	3.93	0.00	3.93	18.000	**OK**	0.154	0.154	1.477	1.477		0.228
	Grade		2054+50.00	HB45	1571.31	59.90	2.00%	0.00	1570.11	0.00	2.00%	0.00	1570.11	HB45	-0.0085	1.6433	0.0000	0.228	0.256	**Right**	HB45	12.00	0.00	4.12	0.00	4.12	18.000	**OK**	0.170	0.170	1.506	1.506		0.256
	Grade		2054+55.00	HB45	1571.26	59.90	2.00%	0.00	1570.07	0.00	2.00%	0.00	1570.07	HB45	-0.0083	1.6502	0.0000	0.256	0.283	**Right**	HB45	12.00	0.00	4.30	0.00	4.30	18.000	**OK**	0.185	0.185	1.531	1.531		0.283
	Grade		2054+60.00	HB45	1571.22	59.90	2.00%	0.00	1570.03	0.00	2.00%	0.00	1570.03	HB45	-0.0081	1.6571	0.0000	0.283	0.311	**Right**	HB45	12.00	0.00	4.47	0.00	4.47	18.000	**OK**	0.200	0.200	1.552	1.552		0.311
	Grade		2054+65.00	HB45	1571.18	59.89	2.00%	0.00	1569.99	0.00	2.00%	0.00	1569.99	HB45	-0.0079	1.6639	0.0000	0.311	0.338	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.215	0.215	1.571	1.571		0.338
	Grade		2054+70.00	HB45	1571.15	59.89	2.00%	0.00	1569.95	0.00	2.00%	0.00	1569.95	HB45	-0.0077	1.6708	0.0000	0.338	0.366	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.230	0.230	1.591	1.591		0.366
	Grade		2054+75.00	HB45	1571.11	59.89	2.00%	0.00	1569.91	0.00	2.00%	0.00	1569.91	HB45	-0.0075	1.6777	0.0000	0.366	0.393	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.244	0.244	1.610	1.610		0.393
	Grade		2054+80.00	HB45	1571.07	59.89	2.00%	0.00	1569.87	0.00	2.00%	0.00	1569.87	HB45	-0.0073	1.6846	0.0000	0.393	0.421	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	1.628	1.628		0.421
	Grade		2054+85.00	HB45	1571.04	59.88	2.00%	0.00	1569.84	0.00	2.00%	0.00	1569.84	HB45	-0.0071	1.6914	0.0000	0.421	0.448	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.273	0.273	1.645	1.645		0.448
	Grade		2054+90.00	HB45	1571.00	59.88	2.00%	0.00	1569.80	0.00	2.00%	0.00	1569.80	HB45	-0.0069	1.6983	0.0000	0.448	0.476	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.287	0.287	1.661	1.661		0.476
	Grade		2054+95.00	HB45	1570.97	59.88	2.00%	0.00	1569.77	0.00	2.00%	0.00	1569.77	HB45	-0.0067	1.7052	0.0000	0.476	0.504	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.301	0.301	1.675	1.675		0.504
	Grade		2055+00.00	HB45	1570.94	59.88	2.00%	0.00	1569.74	0.00	2.00%	0.00	1569.74	HB45	-0.0065	1.7121	0.0000	0.504	0.531	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.315	0.315	1.688	1.688		0.531
	Grade		2055+05.00	HB45	1570.91	59.87	2.00%	0.00	1569.71	0.00	2.00%	0.00	1569.71	HB45	-0.0063	1.7189	0.0000	0.531	0.559	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.329	0.329	1.700	1.700		0.559
	Grade		2055+10.00	HB45	1570.88	59.87	2.00%	0.00	1569.68	0.00	2.00%	0.00	1569.68	HB45	-0.0060	1.7258	0.0000	0.559	0.586	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	1.710	1.710		0.586
	Grade		2055+15.00	HB45	1570.85	59.87	2.00%	0.00	1569.65	0.00	2.00%	0.00	1569.65	HB45	-0.0058	1.7327	0.0000	0.586	0.614	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.357	0.357	1.719	1.719		0.614
	Grade		2055+20.00	HB45	1570.82	59.87	2.00%	0.00	1569.62	0.00	2.00%	0.00	1569.62	HB45	-0.0056	1.7395	0.0000	0.614	0.641	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.372	0.372	1.726	1.726		0.641
	Grade		2055+25.00	HB45	1570.79	59.86	2.00%	0.00	1569.59	0.00	2.00%	0.00	1569.59	HB45	-0.0054	1.7464	0.0000	0.641	0.669	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	1.731	1.731		0.669
	Grade		2055+30.00	HB45	1570.76	59.86	2.00%	0.00	1569.57	0.00	2.00%	0.00	1569.57	HB45	-0.0052	1.7533	0.0000	0.669	0.696	**Right**	HB45	12.00	0.00	4.50	0.12	4.62	18.000	**OK**	0.401	0.401	1.736	1.735		0.696
	Grade		2055+35.00	HB45	1570.74	59.86	2.00%	0.00	1569.54	0.00	2.00%	0.00	1569.54	HB45	-0.0050	1.7602	0.0000	0.696	0.724	**Right**	HB45	12.00	0.00	4.50	0.29	4.79	18.000	**OK**	0.416	0.417	1.738	1.735		0.724
	Grade		2055+40.00	HB45	1570.72	59.86	2.00%	0.00	1569.52	0.00	2.00%	0.00	1569.52	HB45	-0.0048	1.7670	0.0000	0.724	0.751	**Right**	HB45	12.00	0.00	4.50	0.47	4.97	18.000	**OK**	0.432	0.434	1.739	1.731		0.751
	Grade		2055+45.00	HB45	1570.69	59.86	2.00%	0.00	1569.49	0.00	2.00%	0.00	1569.49	HB45	-0.0046	1.7739	0.0000	0.751	0.779	**Right**	HB45	12.00	0.00	4.50	0.64	5.14	18.000	**OK**	0.448	0.452	1.737	1.724		0.779
	Grade		2055+50.00	HB45	1570.67	59.85	2.00%	0.00	1569.47	0.00	2.00%	0.00	1569.47	HB45	-0.0044	1.7808	0.0000	0.779	0.807	**Right**	HB45	12.00	0.00	4.50	0.82	5.32	18.000	**OK**	0.464	0.471	1.734	1.714		0.807
	Grade		2055+55.00	HB45	1570.65	59.85	2.00%	0.00	1569.45	0.00	2.00%	0.00	1569.45	HB45	-0.0042	1.7876	0.0000	0.807	0.834	**Right**	HB45	12.00	0.00	4.50	1.00	5.50	18.000	**OK**	0.480	0.491	1.729	1.700		0.834
	Grade		2055+60.00	HB45	1570.63	59.85	2.00%	0.00	1569.43	0.00	2.00%	0.00	1569.43	HB45	-0.0040	1.7945	0.0000	0.834	0.862	**Right**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.497	0.512	1.722	1.684		0.862
	Grade		2055+65.00	HB45	1570.61	59.85	2.00%	0.00	1569.41	0.00	2.00%	0.00	1569.41	HB45	-0.0038	1.8014	0.0000	0.862	0.889	**Right**	HB45	12.00	0.00	4.50	1.39	5.89	18.000	**OK**	0.515	0.534	1.712	1.665		0.889
	Grade		2055+70.00	HB45	1570.59	59.84	2.00%	0.00	1569.40	0.00	2.00%	0.00	1569.40	HB45	-0.0036	1.8082	0.0000	0.889	0.917	**Right**	HB45	12.00	0.00	4.50	1.59	6.09	18.000	**OK**	0.533	0.558	1.700	1.643		0.917
	Grade		2055+75.00	HB45	1570.58	59.84	2.00%	0.00	1569.38	0.00	2.00%	0.00	1569.38	HB45	-0.0034	1.8151	0.0000	0.917	0.944	**Right**	HB45	12.00	0.00	4.50	1.80	6.30	18.000	**OK**	0.552	0.584	1.686	1.617		0.944
	Grade		2055+80.00	HB45	1570.56	59.84	2.00%	0.00	1569.36	0.00	2.00%	0.00	1569.36	HB45	-0.0032	1.8220	0.0000	0.944	0.972	**Right**	HB45	12.00	0.00	4.50	2.01	6.51	18.000	**OK**	0.571	0.612	1.669	1.589		0.972
	Grade		2055+85.00	HB45	1570.54	59.84	2.00%	0.00	1569.35	0.00	2.00%	0.00	1569.35	HB45	-0.0030	1.8289	0.0000	0.972	0.999	**Right**	HB45	12.00	0.00	4.50	2.24	6.74	18.000	**OK**	0.591	0.641	1.649	1.558		0.999
	Grade	3	2055+90.00	HB45	1570.53	59.83	2.00%	0.00	1569.33	0.00	2.00%	0.00	1569.33	HB45	-0.0027	1.8357	0.0000	0.999	1.027	**Right**	HB45	12.00	0.00	4.50	2.48	6.98	18.000	**OK**	0.613	0.674	1.626	1.523	3	1.027
	Grade		2055+95.00	HB45	1570.52	59.83	2.00%	0.00	1569.32	0.00	2.00%	0.00	1569.32	HB45	-0.0025	1.8426	0.0000	0.027	0.054	**Right**	HB45	12.00	0.00	2.89	0.00	2.89	18.000	**OK**	0.083	0.083	0.649	0.649		0.054
	Grade		2056+00.00	HB45	1570.51	59.83	2.00%	0.00	1569.31	0.00	2.00%	0.00	1569.31	HB45	-0.0023	1.8495	0.0000	0.054	0.082	**Right**	HB45	12.00	0.00	3.42	0.00	3.42	18.000	**OK**	0.117	0.117	0.697	0.697		0.082
	Grade		2056+05.00	HB45	1570.50	59.83	2.00%	0.00	1569.30	0.00	2.00%	0.00	1569.30	HB45	-0.0021	1.8563	0.0000	0.082	0.109	**Right**	HB45	12.00	0.00	3.88	0.00	3.88	18.000	**OK**	0.151	0.151	0.724	0.724		0.109
	Grade		2056+10.00	HB45	1570.49	59.82	2.00%	0.00	1569.29	0.00	2.00%	0.00	1569.29	HB45	-0.0019	1.8632	0.0000	0.109	0.137	**Right**	HB45	12.00	0.00	4.31	0.00	4.31	18.000	**OK**	0.185	0.185	0.737	0.737		0.137
	Grade		2056+15.00	HB45	1570.48	59.82	2.00%	0.00	1569.28	0.00	2.00%	0.00	1569.28	HB45	-0.0017	1.8701	0.0000	0.137	0.164	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.222	0.222	0.741	0.741		0.164
	Grade		2056+20.00	HB45	1570.47	59.82	2.00%	0.00	1569.27	0.00	2.00%	0.00	1569.27	HB45	-0.0015	1.8769	0.0000	0.164	0.192	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	0.742	0.742		0.192
	Grade		2056+25.00	HB45	1570.46	59.82	2.00%	0.00	1569.27	0.00	2.00%	0.00	1569.27	HB45	-0.0013	1.8838	0.0000	0.192	0.219	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.297	0.297	0.737	0.737		0.219
	Grade		2056+30.00	HB45	1570.46	59.82	2.00%	0.00	1569.26	0.00	2.00%	0.00	1569.26	HB45	-0.0011	1.8907	0.0000	0.219	0.247	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.340	0.340	0.726	0.726		0.247
	Grade		2056+35.00	HB45	1570.45	59.81	2.00%	0.00	1569.26	0.00	2.00%	0.00	1569.26	HB45	-0.0009	1.8975	0.0000	0.247	0.274	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.389	0.389	0.705	0.705		0.274
	Grade		2056+40.00	HB45	1570.45	59.81	2.00%	0.00	1569.25	0.00	2.00%	0.00	1569.25	HB45	-0.0007	1.9044	0.0000	0.274	0.302	**Right**	HB45	12.00	0.00	4.50	0.65	5.15	18.000	**OK**	0.449	0.453	0.672	0.666		0.302
	Grade		2056+45.00	HB45	1570.45	59.81	2.00%	0.00	1569.25	0.00	2.00%	0.00	1569.25	HB45	-0.0005	1.9113	0.0000	0.302	0.329	**Right**	HB45	12.00	0.00	4.50	1.52	6.02	18.000	**OK**	0.527	0.550	0.619	0.599		0.329
	Grade		2056+50.00	HB45	1570.45	59.81	2.00%	0.00	1569.25	0.00	2.00%	0.00	1569.25	HB45	-0.0003	1.9181	0.0000	0.329	0.357	**Right**	HB45	12.00	0.00	4.50	2.84	7.34	18.000	**OK**	0.646	0.727	0.531	0.491		0.357
	Sag	3	2056+55.00	HB45	1570.45	59.80	2.00%	0.00	1569.25	0.00	2.00%	0.00	1569.25	HB45	-0.0001	3.1292	0.0000	1.081	1.108	**Right**	HB45	12.00	0.00	4.50	12.85	17.35	18.000	**OK**	1.547	3.198	0.467	0.347	3	1.108
	Grade		2056+60.00	HB45	1570.45	59.80	2.00%	0.00	1569.25	0.00	2.00%	0.00	1569.25	HB45	0.0001	1.2043	0.0000	0.696	0.724	**Right**	HB45	12.00	0.00	4.50	7.82	12.32	18.000	**OK**	1.094	1.704	0.529	0.425		0.724
	Grade		2056+65.00	HB45	1570.45	59.80	2.00%	0.00	1569.25	0.00	2.00%	0.00	1569.25	HB45	0.0003	1.1974	0.0000	0.669	0.696	**Right**	HB45	12.00	0.00	4.50	5.25	9.75	18.000	**OK**	0.862	1.137	0.715	0.612		0.696
	Grade		2056+70.00	HB45	1570.45	59.80	2.00%	0.00	1569.25	0.00	2.00%	0.00	1569.25	HB45	0.0006	1.1905	0.0000	0.641	0.669	**Right**	HB45	12.00	0.00	4.50	4.00	8.50	18.000	**OK**	0.750	0.910	0.827	0.735		0.669
	Grade		2056+75.00	HB45	1570.45	59.79	2.00%	0.00	1569.26	0.00	2.00%	0.00	1569.26	HB45	0.0008	1.1837	0.0000	0.614	0.641	**Right**	HB45	12.00	0.00	4.50	3.16	7.66	18.000	**OK**	0.674	0.774	0.906	0.829		0.641
	Grade		2056+80.00	HB45	1570.46	59.79	2.00%	0.00	1569.26	0.00	2.00%	0.00	1569.26	HB45	0.0010	1.1768	0.0000	0.586	0.614	**Right**	HB45	12.00	0.00	4.50	2.51	7.01	18.000	**OK**	0.616	0.679	0.966	0.904		0.614
	Grade		2056+85.00	HB45	1570.46	59.79	2.00%	0.00	1569.27	0.00	2.00%	0.00	1569.27	HB45	0.0012	1.1699	0.0000	0.559	0.586	**Right**	HB45	12.00	0.00	4.50	1.98	6.48	18.000	**OK**	0.569	0.608	1.012	0.965		0.586
	Grade		2056+90.00	HB45	1570.47	59.79	2.00%	0.00	1569.28	0.00	2.00%	0.00	1569.28	HB45	0.0014	1.1631	0.0000	0.531	0.559	**Right**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.528	0.551	1.048	1.015		0.559
	Grade		2056+95.00	HB45	1570.48	59.78	2.00%	0.00	1569.28	0.00	2.00%	0.00	1569.28	HB45	0.0016	1.1562	0.0000	0.504	0.531	**Right**	HB45	12.00	0.00	4.50	1.12	5.62	18.000	**OK**	0.491	0.504	1.076	1.055		0.531
	Grade		2057+00.00	HB45	1570.49	59.78	2.00%	0.00	1569.29	0.00	2.00%	0.00	1569.29	HB45	0.0018	1.1494	0.0000	0.476	0.504	**Right**	HB45	12.00	0.00	4.50	0.76	5.26	18.000	**OK**	0.458	0.464	1.097	1.086		0.504
	Grade		2057+05.00	HB45	1570.50	59.78	2.00%	0.00	1569.30	0.00	2.00%	0.00	1569.30	HB45	0.0020	1.1425	0.0000	0.449	0.476	**Right**	HB45	12.00	0.00	4.50	0.42	4.92	18.000	**OK**	0.428	0.430	1.113	1.109		0.476
	Grade		2057+10.00	HB45	1570.51	59.78	2.00%	0.00	1569.31	0.00	2.00%	0.00	1569.31	HB45	0.0022	1.1356	0.0000	0.421	0.449	**Right**	HB45	12.00	0.00	4.50	0.11	4.61	18.000	**OK**	0.399	0.400	1.123	1.123		0.449
	Grade		2057+15.00	HB45	1570.52	59.78	2.00%	0.00	1569.33	0.00	2.00%	0.00	1569.33	HB45	0.0024	1.1288	0.0000	0.394	0.421	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	1.130	1.130		0.421
	Grade	3	2057+20.00	HB45	1570.53	59.77	2.00%	0.00	1569.34	0.00	2.00%	0.00	1569.34	HB45	0.0026	1.1219	0.0000	2.557	2.585	**Right**	HB45	12.00	0.00	4.50	6.74	11.24	18.000	**OK**	0.997	1.451	2.165	1.782	3	2.585
	Grade		2057+25.00	HB45	1570.55	59.77	2.00%	0.00	1569.35	0.00	2.00%	0.00	1569.35	HB45	0.0028	1.1151	0.0000	2.530	2.557	**Right**	HB45	12.00	0.00	4.50	6.48	10.98	18.000	**OK**	0.974	1.394	2.215	1.834		2.557
	Grade		2057+30.00	HB45	1570.56	59.77	2.00%	0.00	1569.37	0.00	2.00%	0.00	1569.37	HB45	0.0030	1.1082	0.0000	2.502	2.530	**Right**	HB45	12.00	0.00	4.50	6.25	10.75	18.000	**OK**	0.952	1.343	2.262	1.884		2.530
	Grade		2057+35.00	HB45	1570.58	59.77	2.00%	0.00	1569.38	0.00	2.00%	0.00	1569.38	HB45	0.0032	1.1013	0.0000	2.475	2.502	**Right**	HB45	12.00	0.00	4.50	6.02	10.52	18.000	**OK**	0.932	1.295	2.306	1.932		2.502
	Grade		2057+40.00	HB45	1570.60	59.76	2.00%	0.00	1569.40	0.00	2.00%	0.00	1569.40	HB45	0.0034	1.0945	0.0000	2.447	2.475	**Right**	HB45	12.00	0.00	4.50	5.82	10.32	18.000	**OK**	0.913	1.252	2.347	1.977		2.475
	Grade		2057+45.00	HB45	1570.61	59.76	2.00%	0.00	1569.42	0.00	2.00%	0.00	1569.42	HB45	0.0036	1.0876	0.0000	2.420	2.447	**Right**	HB45	12.00	0.00	4.50	5.62	10.12	18.000	**OK**	0.896	1.211	2.386	2.021		2.447
	Grade		2057+50.00	HB45	1570.63	59.76	2.00%	0.00	1569.44	0.00	2.00%	0.00	1569.44	HB45	0.0038	1.0808	0.0000	2.392	2.420	**Right**	HB45	12.00	0.00	4.50	5.43	9.93	18.000	**OK**	0.879	1.173	2.422	2.062		2.420
	Grade		2057+55.00	HB45	1570.65	59.76	2.00%	0.00	1569.46	0.00	2.00%	0.00	1569.46	HB45	0.0041	1.0739	0.0000	2.365	2.392	**Right**	HB45	12.00	0.00	4.50	5.25	9.75	18.000	**OK**	0.863	1.138	2.457	2.102		2.392

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2057+60.00	HB45	1570.68	59.75	2.00%	0.00	1569.48	0.00	2.00%	0.00	1569.48	HB45	0.0043	1.0670	0.0000	2.337	2.365	**Right**	HB45	12.00	0.00	4.50	5.08	9.58	18.000	**OK**	0.847	1.105	2.489	2.140		2.365
	Grade		2057+65.00	HB45	1570.70	59.75	2.00%	0.00	1569.50	0.00	2.00%	0.00	1569.50	HB45	0.0045	1.0602	0.0000	2.310	2.337	**Right**	HB45	12.00	0.00	4.50	4.91	9.41	18.000	**OK**	0.832	1.074	2.520	2.177		2.337
	Grade		2057+70.00	HB45	1570.72	59.75	2.00%	0.00	1569.53	0.00	2.00%	0.00	1569.53	HB45	0.0047	1.0533	0.0000	2.282	2.310	**Right**	HB45	12.00	0.00	4.50	4.75	9.25	18.000	**OK**	0.818	1.044	2.548	2.213		2.310
	Grade		2057+75.00	HB45	1570.75	59.75	2.00%	0.00	1569.55	0.00	2.00%	0.00	1569.55	HB45	0.0049	1.0465	0.0000	2.255	2.282	**Right**	HB45	12.00	0.00	4.50	4.60	9.10	18.000	**OK**	0.804	1.016	2.576	2.247		2.282
	Grade		2057+80.00	HB45	1570.77	59.74	2.00%	0.00	1569.58	0.00	2.00%	0.00	1569.58	HB45	0.0051	1.0396	0.0000	2.227	2.255	**Right**	HB45	12.00	0.00	4.50	4.45	8.95	18.000	**OK**	0.791	0.989	2.602	2.280		2.255
	Grade		2057+85.00	HB45	1570.80	59.74	2.00%	0.00	1569.60	0.00	2.00%	0.00	1569.60	HB45	0.0053	1.0327	0.0000	2.200	2.227	**Right**	HB45	12.00	0.00	4.50	4.31	8.81	18.000	**OK**	0.778	0.964	2.626	2.311		2.227
	Grade		2057+90.00	HB45	1570.82	59.74	2.00%	0.00	1569.63	0.00	2.00%	0.00	1569.63	HB45	0.0055	1.0259	0.0000	2.172	2.200	**Right**	HB45	12.00	0.00	4.50	4.17	8.67	18.000	**OK**	0.765	0.939	2.649	2.342		2.200
	Grade		2057+95.00	HB45	1570.85	59.74	2.00%	0.00	1569.66	0.00	2.00%	0.00	1569.66	HB45	0.0057	1.0190	0.0000	2.145	2.172	**Right**	HB45	12.00	0.00	4.50	4.04	8.54	18.000	**OK**	0.753	0.916	2.670	2.371		2.172
	Grade		2058+00.00	HB45	1570.88	59.74	2.00%	0.00	1569.69	0.00	2.00%	0.00	1569.69	HB45	0.0059	1.0122	0.0000	2.117	2.145	**Right**	HB45	12.00	0.00	4.50	3.90	8.40	18.000	**OK**	0.741	0.894	2.691	2.400		2.145
	Grade		2058+05.00	HB45	1570.91	59.73	2.00%	0.00	1569.72	0.00	2.00%	0.00	1569.72	HB45	0.0061	1.0053	0.0000	2.090	2.117	**Right**	HB45	12.00	0.00	4.50	3.78	8.28	18.000	**OK**	0.730	0.872	2.710	2.427		2.117
	Grade		2058+10.00	HB45	1570.94	59.73	2.00%	0.00	1569.75	0.00	2.00%	0.00	1569.75	HB45	0.0063	0.9985	0.0000	2.062	2.090	**Right**	HB45	12.00	0.00	4.50	3.65	8.15	18.000	**OK**	0.719	0.852	2.728	2.453		2.090
	Grade		2058+15.00	HB45	1570.98	59.73	2.00%	0.00	1569.78	0.00	2.00%	0.00	1569.78	HB45	0.0065	0.9916	0.0000	2.035	2.062	**Right**	HB45	12.00	0.00	4.50	3.53	8.03	18.000	**OK**	0.708	0.832	2.745	2.479		2.062
	Grade		2058+20.00	HB45	1571.01	59.73	2.00%	0.00	1569.82	0.00	2.00%	0.00	1569.82	HB45	0.0067	0.9847	0.0000	2.007	2.035	**Right**	HB45	12.00	0.00	4.50	3.41	7.91	18.000	**OK**	0.697	0.813	2.761	2.503		2.035
	Grade		2058+25.00	HB45	1571.05	59.72	2.00%	0.00	1569.85	0.00	2.00%	0.00	1569.85	HB45	0.0069	0.9779	0.0000	1.980	2.007	**Right**	HB45	12.00	0.00	4.50	3.29	7.79	18.000	**OK**	0.686	0.794	2.776	2.527		2.007
	Grade		2058+30.00	HB45	1571.08	59.72	2.00%	0.00	1569.89	0.00	2.00%	0.00	1569.89	HB45	0.0071	0.9710	0.0000	1.952	1.980	**Right**	HB45	12.00	0.00	4.50	3.17	7.67	18.000	**OK**	0.676	0.777	2.789	2.550		1.980
	Grade		2058+35.00	HB45	1571.12	59.72	2.00%	0.00	1569.92	0.00	2.00%	0.00	1569.92	HB45	0.0074	0.9642	0.0000	1.925	1.952	**Right**	HB45	12.00	0.00	4.50	3.06	7.56	18.000	**OK**	0.666	0.759	2.802	2.572		1.952
	Grade		2058+40.00	HB45	1571.16	59.72	2.00%	0.00	1569.96	0.00	2.00%	0.00	1569.96	HB45	0.0076	0.9573	0.0000	1.897	1.925	**Right**	HB45	12.00	0.00	4.50	2.95	7.45	18.000	**OK**	0.655	0.742	2.814	2.592		1.925
	Grade		2058+45.00	HB45	1571.19	59.71	2.00%	0.00	1570.00	0.00	2.00%	0.00	1570.00	HB45	0.0078	0.9505	0.0000	1.870	1.897	**Right**	HB45	12.00	0.00	4.50	2.84	7.34	18.000	**OK**	0.646	0.726	2.825	2.613		1.897
	Grade		2058+50.00	HB45	1571.23	59.71	2.00%	0.00	1570.04	0.00	2.00%	0.00	1570.04	HB45	0.0080	0.9436	0.0000	1.842	1.870	**Right**	HB45	12.00	0.00	4.50	2.73	7.23	18.000	**OK**	0.636	0.711	2.835	2.632		1.870
	Grade		2058+55.00	HB45	1571.28	59.71	2.00%	0.00	1570.08	0.00	2.00%	0.00	1570.08	HB45	0.0082	0.9368	0.0000	1.815	1.842	**Right**	HB45	12.00	0.00	4.50	2.63	7.13	18.000	**OK**	0.626	0.695	2.844	2.650		1.842
	Grade		2058+60.00	HB45	1571.32	59.71	2.00%	0.00	1570.12	0.00	2.00%	0.00	1570.12	HB45	0.0084	0.9299	0.0000	1.787	1.815	**Right**	HB45	12.00	0.00	4.50	2.52	7.02	18.000	**OK**	0.617	0.680	2.852	2.668		1.815
	Grade		2058+65.00	HB45	1571.36	59.70	2.00%	0.00	1570.17	0.00	2.00%	0.00	1570.17	HB45	0.0086	0.9230	0.0000	1.760	1.787	**Right**	HB45	12.00	0.00	4.50	2.42	6.92	18.000	**OK**	0.607	0.666	2.860	2.684		1.787
	Grade		2058+70.00	HB45	1571.40	59.70	2.00%	0.00	1570.21	0.00	2.00%	0.00	1570.21	HB45	0.0088	0.9162	0.0000	1.733	1.760	**Right**	HB45	12.00	0.00	4.50	2.31	6.81	18.000	**OK**	0.598	0.652	2.866	2.700		1.760
	Grade		2058+75.00	HB45	1571.45	59.70	2.00%	0.00	1570.25	0.00	2.00%	0.00	1570.25	HB45	0.0090	0.9093	0.0000	1.705	1.733	**Right**	HB45	12.00	0.00	4.50	2.21	6.71	18.000	**OK**	0.589	0.638	2.872	2.715		1.733
	Grade		2058+80.00	HB45	1571.49	59.70	2.00%	0.00	1570.30	0.00	2.00%	0.00	1570.30	HB45	0.0092	0.9025	0.0000	1.678	1.705	**Right**	HB45	12.00	0.00	4.50	2.11	6.61	18.000	**OK**	0.580	0.625	2.877	2.730		1.705
	Grade		2058+85.00	HB45	1571.54	59.70	2.00%	0.00	1570.35	0.00	2.00%	0.00	1570.35	HB45	0.0094	0.8956	0.0000	1.650	1.678	**Right**	HB45	12.00	0.00	4.50	2.01	6.51	18.000	**OK**	0.571	0.612	2.881	2.743		1.678
	Grade		2058+90.00	HB45	1571.59	59.69	2.00%	0.00	1570.40	0.00	2.00%	0.00	1570.40	HB45	0.0096	0.8888	0.0000	1.623	1.650	**Right**	HB45	12.00	0.00	4.50	1.91	6.41	18.000	**OK**	0.562	0.599	2.884	2.755		1.650
	Grade		2058+95.00	HB45	1571.64	59.69	2.00%	0.00	1570.45	0.00	2.00%	0.00	1570.45	HB45	0.0098	0.8819	0.0000	1.595	1.623	**Right**	HB45	12.00	0.00	4.50	1.82	6.32	18.000	**OK**	0.553	0.586	2.886	2.767		1.623
	Grade		2059+00.00	HB45	1571.69	59.69	2.00%	0.00	1570.50	0.00	2.00%	0.00	1570.50	HB45	0.0100	0.8751	0.0000	1.568	1.595	**Right**	HB45	12.00	0.00	4.50	1.72	6.22	18.000	**OK**	0.545	0.574	2.888	2.778		1.595
	Grade		2059+05.00	HB45	1571.74	59.69	2.00%	0.00	1570.55	0.00	2.00%	0.00	1570.55	HB45	0.0102	0.8682	0.0000	1.540	1.568	**Right**	HB45	12.00	0.00	4.50	1.62	6.12	18.000	**OK**	0.536	0.562	2.889	2.787		1.568
	Grade		2059+10.00	HB45	1571.79	59.68	2.00%	0.00	1570.60	0.00	2.00%	0.00	1570.60	HB45	0.0104	0.8614	0.0000	1.513	1.540	**Right**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.527	0.551	2.889	2.796		1.540
	Grade		2059+15.00	HB45	1571.85	59.68	2.00%	0.00	1570.65	0.00	2.00%	0.00	1570.65	HB45	0.0107	0.8545	0.0000	1.485	1.513	**Right**	HB45	12.00	0.00	4.50	1.43	5.93	18.000	**OK**	0.519	0.539	2.888	2.804		1.513
	Grade		2059+20.00	HB45	1571.90	59.68	2.00%	0.00	1570.71	0.00	2.00%	0.00	1570.71	HB45	0.0109	0.8477	0.0000	1.458	1.485	**Right**	HB45	12.00	0.00	4.50	1.34	5.84	18.000	**OK**	0.510	0.528	2.887	2.811		1.485
	Grade		2059+25.00	HB45	1571.96	59.68	2.00%	0.00	1570.76	0.00	2.00%	0.00	1570.76	HB45	0.0111	0.8408	0.0000	1.430	1.458	**Right**	HB45	12.00	0.00	4.50	1.24	5.74	18.000	**OK**	0.502	0.517	2.885	2.817		1.458
	Grade		2059+30.00	HB45	1572.01	59.67	2.00%	0.00	1570.82	0.00	2.00%	0.00	1570.82	HB45	0.0113	0.8340	0.0000	1.403	1.430	**Right**	HB45	12.00	0.00	4.50	1.15	5.65	18.000	**OK**	0.494	0.507	2.882	2.822		1.430
	Grade		2059+35.00	HB45	1572.07	59.67	2.00%	0.00	1570.88	0.00	2.00%	0.00	1570.88	HB45	0.0115	0.8271	0.0000	1.375	1.403	**Right**	HB45	12.00	0.00	4.50	1.06	5.56	18.000	**OK**	0.485	0.496	2.878	2.826		1.403
	Grade		2059+40.00	HB45	1572.13	59.67	2.00%	0.00	1570.93	0.00	2.00%	0.00	1570.93	HB45	0.0117	0.8203	0.0000	1.348	1.375	**Right**	HB45	12.00	0.00	4.50	0.96	5.46	18.000	**OK**	0.477	0.486	2.874	2.829		1.375
	Grade		2059+45.00	HB45	1572.19	59.67	2.00%	0.00	1570.99	0.00	2.00%	0.00	1570.99	HB45	0.0119	0.8134	0.0000	1.321	1.348	**Right**	HB45	12.00	0.00	4.50	0.87	5.37	18.000	**OK**	0.469	0.476	2.869	2.831		1.348
	Grade		2059+50.00	HB45	1572.25	59.66	2.00%	0.00	1571.05	0.00	2.00%	0.00	1571.05	HB45	0.0121	0.8066	0.0000	1.293	1.321	**Right**	HB45	12.00	0.00	4.50	0.78	5.28	18.000	**OK**	0.460	0.466	2.863	2.832		1.321
	Grade		2059+55.00	HB45	1572.31	59.66	2.00%	0.00	1571.12	0.00	2.00%	0.00	1571.12	HB45	0.0123	0.7997	0.0000	1.266	1.293	**Right**	HB45	12.00	0.00	4.50	0.69	5.19	18.000	**OK**	0.452	0.457	2.856	2.831		1.293
	Grade		2059+60.00	HB45	1572.37	59.66	2.00%	0.00	1571.18	0.00	2.00%	0.00	1571.18	HB45	0.0125	0.7929	0.0000	1.238	1.266	**Right**	HB45	12.00	0.00	4.50	0.60	5.10	18.000	**OK**	0.444	0.447	2.849	2.829		1.266
	Grade		2059+65.00	HB45	1572.43	59.66	2.00%	0.00	1571.24	0.00	2.00%	0.00	1571.24	HB45	0.0127	0.7860	0.0000	1.211	1.238	**Right**	HB45	12.00	0.00	4.50	0.51	5.01	18.000	**OK**	0.436	0.438	2.840	2.826		1.238
	Grade		2059+70.00	HB45	1572.50	59.66	2.00%	0.00	1571.31	0.00	2.00%	0.00	1571.31	HB45	0.0129	0.7792	0.0000	1.183	1.211	**Right**	HB45	12.00	0.00	4.50	0.42	4.92	18.000	**OK**	0.427	0.429	2.832	2.822		1.211
	Grade		2059+75.00	HB45	1572.56	59.65	2.00%	0.00	1571.37	0.00	2.00%	0.00	1571.37	HB45	0.0131	0.7723	0.0000	1.156	1.183	**Right**	HB45	12.00	0.00	4.50	0.32	4.82	18.000	**OK**	0.419	0.420	2.822	2.816		1.183
	Grade		2059+80.00	HB45	1572.63	59.65	2.00%	0.00	1571.44	0.00	2.00%	0.00	1571.44	HB45	0.0133	0.7655	0.0000	1.128	1.156	**Right**	HB45	12.00	0.00	4.50	0.23	4.73	18.000	**OK**	0.411	0.412	2.812	2.808		1.156
	Grade		2059+85.00	HB45	1572.70	59.65	2.00%	0.00	1571.51	0.00	2.00%	0.00	1571.51	HB45	0.0135	0.7586	0.0000	1.101	1.128	**Right**	HB45	12.00	0.00	4.50	0.14	4.64	18.000	**OK**	0.403	0.403	2.801	2.799		1.128
	Grade		2059+90.00	HB45	1572.77	59.65	2.00%	0.00	1571.57	0.00	2.00%	0.00	1571.57	HB45	0.0137	0.7518	0.0000	1.073	1.101	**Right**	HB45	12.00	0.00	4.50	0.05	4.55	18.000	**OK**	0.395	0.395	2.789	2.789		1.101
	Grade		2059+95.00	HB45	1572.84	59.64	2.00%	0.00	1571.64	0.00	2.00%	0.00	1571.64	HB45	0.0140	0.7450	0.0000	1.046	1.073	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.387	0.387	2.777	2.777		1.073
	Grade		2060+00.00	HB45	1572.91	59.64	2.00%	0.00	1571.72	0.00	2.00%	0.00	1571.72	HB45	0.0142	0.7381	0.0000	1.019	1.046	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.378	0.378	2.764	2.764		1.046
	Grade		2060+05.00	HB45	1572.98	59.64	2.00%	0.00	1571.79	0.00	2.00%	0.00	1571.79	HB45	0.0144	0.7313	0.0000	0.991	1.019	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.370	0.370	2.750	2.750		1.019
	Grade		2060+10.00	HB45	1573.05	59.64	2.00%	0.00	1571.86	0.00	2.00%	0.00	1571.86	HB45	0.0148	0.7244	0.0000	0.964	0.991	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.361	0.361	2.749	2.749		0.991
	Grade		2060+15.00	HB45	1573.13	59.63	2.00%	0.00	1571.94	0.00	2.00%	0.00	1571.94	HB45	0.0148	0.7176	0.0000	0.936	0.964	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.354	0.354	2.721	2.721		0.964
	Grade		2060+20.00	HB45	1573.20	59.63	2.00%	0.00	1572.01	0.00	2.00%	0.00	1572.01	HB45	0.0148	0.7107	0.0000	0.909	0.936	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.348	0.348	2.693	2.693		0.936
	Grade		2060+25.00	HB45	1573.28	59.63	2.00%	0.00	1572.08	0.00	2.00%	0.00	1572.08	HB45	0.0148	0.7039	0.0000	0.881	0.909	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	2.665	2.665		0.909
	Grade		2060+30.00	HB45	1573.35	59.63	2.00%	0.00	1572.16	0.00	2.00%	0.00	1572.16	HB45	0.0148	0.6970	0.0000	0.854	0.881	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.334	0.334	2.637	2.637		0.881
	Grade		2060+35.00	HB45	1573.42	59.62	2.00%	0.00	1572.23	0.00	2.00%	0.00	1572.23	HB45	0.0148	0.6902	0.0000	0.827	0.854	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.327	0.327	2.608	2.608		0.854
	Grade		2060+40.00	HB45	1573.50	59.62	2.00%	0.00	1572.30	0.00	2.00%	0.00	1572.30	HB45	0.0148	0.6833	0.0000	0.799	0.827	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.321	0.321	2.579	2.579		0.827
	Grade		2060+45.00	HB45	1573.57	59.62	2.00%	0.00	1572.38	0.00	2.00%	0.00	1572.38	HB45	0.0148	0.6765	0.0000	0.772	0.799	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.313	0.313	2.549	2.549		0.799
	Grade		2060+50.00	HB45	1573.64	59.62	2.00%	0.00	1572.45	0.00	2.00%	0.00	1572.45	HB45	0.0148	0.6697	0.0000	0.744	0.772	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.306	0.306	2.519	2.519		0.772
	Grade		2060+55.00	HB45	1573.72	59.62	2.00%	0.00	1572.53	0.00	2.00%	0.00	1572.53	HB45	0.0148	0.6628	0.0000	0.717	0.744	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.299	0.299	2.488	2.488		0.744
	Grade		2060+60.00	HB45	1573.79	59.61	2.00%	0.00	1572.60	0.00	2.00%	0.00	1572.60	HB45	0.0148	0.6560	0.0000	0.689	0.717	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.292	0.292	2.457	2.457		0.717
	Grade		2060+65.00	HB45	1573.87	59.61	2.00%	0.00	1572.67	0.00	2.00%	0.00	1572.67	HB45	0.0148	0.6491	0.0000	0.662	0.689	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	2.426	2.426		0.689
	Grade		2060+70.00	HB45	1573.94	59.61	2.00%	0.00	1572.75	0.00	2.00%	0.00	1572.75	HB45	0.0148	0.6423	0.0000	0.634	0.662	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.277	0.277	2.394	2.394		0.662
	Grade		2060+75.00	HB45	1574.01	59.61	2.00%	0.00	1572.82	0.00	2.00%	0.00	1572.82	HB45	0.0148	0.6354	0.0000	0.607	0.634	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.269	0.269	2.361	2.361		0.634
	Grade		2060+80.00	HB45	1574.09	59.60	2.00%	0.00	1572.90	0.00	2.00%	0.00	1572.90	HB45	0.0148	0.6286	0.0000	0.580	0.607	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.261	0.261	2.328	2.328		0.607
	Grade		2060+85.00	HB45	1574.16	59.60	2.00%	0.00	1572.97	0.00	2.00%	0.00	1572.97	HB45	0.0148	0.6218	0.0000	0.552	0.580	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.253	0.253	2.295	2.295		0.580
	Grade		2060+90.00	HB45	1574.24	59.60	2.00%	0.00	1573.04	0.00	2.00%	0.00	1573.04	HB45	0.0148	0.6149	0.0000	0.525	0.552	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.244	0.244	2.261	2.261		0.552
	Grade		2060+95.00	HB45	1574.31	59.60	2.00%	0.00	1573.12	0.00	2.00%	0.00	1573.12	HB45	0.0148	0.6081	0.0000	0.497	0.525	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.236	0.236	2.227	2.227		0.525
	Grade		2061+00.00	HB45	1574.38	59.59	2.00%	0.00	1573.19	0.00	2.00%	0.00	1573.19	HB45	0.0148	0.6012	0.0000	0.470	0.497	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.227	0.227	2.193	2.193		0.497
	Grade		2061+05.00	HB45	1574.46	59.59	2.00%	0.00	1573.27	0.00	2.00%	0.00	1573.27	HB45	0.0148	0.5944	0.0000	0.442	0.470	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.218	0.218	2.158	2.158		0.470
	Grade		2061+10.00	HB45	1574.53	59.59	2.00%	0.00	1573.34	0.00	2.00%	0.00	1573.34	HB45	0.0148	0.5876	0.0000	0.415	0.442	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.208	0.208	2.124	2.124		0.442

Alignment:	Grade or Sag	Sta Incr(ft): >> / CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2061+15.00	HB45	1574.60	59.59	2.00%	0.00	1573.41	0.00	2.00%	0.00	1573.41	HB45	0.0148	0.5807	0.0000	0.388	0.415	**Right**	HB45	12.00	0.00	4.46	0.00	4.46	18.000	**OK**	0.199	0.199	2.090	2.090		0.415
	Grade		2061+20.00	HB45	1574.68	59.58	2.00%	0.00	1573.49	0.00	2.00%	0.00	1573.49	HB45	0.0148	0.5739	0.0000	0.360	0.388	**Right**	HB45	12.00	0.00	4.34	0.00	4.34	18.000	**OK**	0.189	0.189	2.055	2.055		0.388
	Grade		2061+25.00	HB45	1574.75	59.58	2.00%	0.00	1573.56	0.00	2.00%	0.00	1573.56	HB45	0.0148	0.5670	0.0000	0.333	0.360	**Right**	HB45	12.00	0.00	4.23	0.00	4.23	18.000	**OK**	0.179	0.179	2.017	2.017		0.360
	Grade		2061+30.00	HB45	1574.83	59.58	2.00%	0.00	1573.63	0.00	2.00%	0.00	1573.63	HB45	0.0148	0.5602	0.0000	0.305	0.333	**Right**	HB45	12.00	0.00	4.10	0.00	4.10	18.000	**OK**	0.168	0.168	1.978	1.978		0.333
	Grade		2061+35.00	HB45	1574.90	59.58	2.00%	0.00	1573.71	0.00	2.00%	0.00	1573.71	HB45	0.0148	0.5534	0.0000	0.278	0.305	**Right**	HB45	12.00	0.00	3.97	0.00	3.97	18.000	**OK**	0.158	0.158	1.936	1.936		0.305
	Grade		2061+40.00	HB45	1574.97	59.58	2.00%	0.00	1573.78	0.00	2.00%	0.00	1573.78	HB45	0.0148	0.5465	0.0000	0.251	0.278	**Right**	HB45	12.00	0.00	3.83	0.00	3.83	18.000	**OK**	0.147	0.147	1.891	1.891		0.278
	Grade		2061+45.00	HB45	1575.05	59.57	2.00%	0.00	1573.86	0.00	2.00%	0.00	1573.86	HB45	0.0148	0.5397	0.0000	0.223	0.251	**Right**	HB45	12.00	0.00	3.69	0.00	3.69	18.000	**OK**	0.136	0.136	1.842	1.842		0.251
	Grade		2061+50.00	HB45	1575.12	59.57	2.00%	0.00	1573.93	0.00	2.00%	0.00	1573.93	HB45	0.0148	0.5328	0.0000	0.196	0.223	**Right**	HB45	12.00	0.00	3.53	0.00	3.53	18.000	**OK**	0.125	0.125	1.790	1.790		0.223
	Grade		2061+55.00	HB45	1575.20	59.57	2.00%	0.00	1574.00	0.00	2.00%	0.00	1574.00	HB45	0.0148	0.5260	0.0000	0.168	0.196	**Right**	HB45	12.00	0.00	3.36	0.00	3.36	18.000	**OK**	0.113	0.113	1.732	1.732		0.196
	Grade		2061+60.00	HB45	1575.27	59.57	2.00%	0.00	1574.08	0.00	2.00%	0.00	1574.08	HB45	0.0148	0.5192	0.0000	0.141	0.168	**Right**	HB45	12.00	0.00	3.18	0.00	3.18	18.000	**OK**	0.101	0.101	1.668	1.668		0.168
	Grade		2061+65.00	HB45	1575.47	59.56	2.00%	0.00	1574.28	0.00	2.00%	0.00	1574.28	HB45	0.0399	0.5123	0.0000	0.114	0.141	**Right**	HB45	12.00	0.00	2.47	0.00	2.47	18.000	**OK**	0.061	0.061	2.314	2.314		0.141
	Grade		2061+70.00	HB45	1575.54	59.56	2.00%	0.00	1574.35	0.00	2.00%	0.00	1574.35	HB45	0.0147	0.5055	0.0000	0.086	0.114	**Right**	HB45	12.00	0.00	2.74	0.00	2.74	18.000	**OK**	0.075	0.075	1.508	1.508		0.114
	Grade		2061+75.00	HB45	1575.61	59.56	2.00%	0.00	1574.42	0.00	2.00%	0.00	1574.42	HB45	0.0145	0.4987	0.0000	0.059	0.086	**Right**	HB45	12.00	0.00	2.48	0.00	2.48	18.000	**OK**	0.062	0.062	1.400	1.400		0.086
	Grade		2061+80.00	HB45	1575.69	59.56	2.00%	0.00	1574.49	0.00	2.00%	0.00	1574.49	HB45	0.0143	0.4918	0.0000	0.031	0.059	**Right**	HB45	12.00	0.00	2.15	0.00	2.15	18.000	**OK**	0.046	0.046	1.265	1.265		0.059
	Grade	3	2061+85.00	HB45	1575.76	59.55	2.00%	0.00	1574.57	0.00	2.00%	0.00	1574.57	HB45	0.0141	0.4850	0.0000	1.944	1.972	**Right**	HB45	12.00	0.00	4.50	1.87	6.37	18.000	**OK**	0.558	0.593	3.475	3.325	3	1.972
	Grade		2061+90.00	HB45	1575.83	59.55	2.00%	0.00	1574.63	0.00	2.00%	0.00	1574.63	HB45	0.0139	0.4781	0.0000	1.917	1.944	**Right**	HB45	12.00	0.00	4.50	1.84	6.34	18.000	**OK**	0.556	0.590	3.442	3.296		1.944
	Grade		2061+95.00	HB45	1575.89	59.55	2.00%	0.00	1574.70	0.00	2.00%	0.00	1574.70	HB45	0.0137	0.4713	0.0000	1.889	1.917	**Right**	HB45	12.00	0.00	4.50	1.82	6.32	18.000	**OK**	0.554	0.587	3.409	3.267		1.917
	Grade		2062+00.00	HB45	1575.96	59.55	2.00%	0.00	1574.77	0.00	2.00%	0.00	1574.77	HB45	0.0135	0.4645	0.0000	1.862	1.889	**Right**	HB45	12.00	0.00	4.50	1.79	6.29	18.000	**OK**	0.551	0.583	3.376	3.238		1.889
	Grade		2062+05.00	HB45	1576.03	59.54	2.00%	0.00	1574.84	0.00	2.00%	0.00	1574.84	HB45	0.0133	0.4576	0.0000	1.835	1.862	**Right**	HB45	12.00	0.00	4.50	1.77	6.27	18.000	**OK**	0.549	0.580	3.342	3.209		1.862
	Grade		2062+10.00	HB45	1576.09	59.54	2.00%	0.00	1574.90	0.00	2.00%	0.00	1574.90	HB45	0.0131	0.4508	0.0000	1.807	1.835	**Right**	HB45	12.00	0.00	4.50	1.74	6.24	18.000	**OK**	0.547	0.577	3.309	3.180		1.835
	Grade		2062+15.00	HB45	1576.16	59.54	2.00%	0.00	1574.97	0.00	2.00%	0.00	1574.97	HB45	0.0129	0.4440	0.0000	1.780	1.807	**Right**	HB45	12.00	0.00	4.50	1.71	6.21	18.000	**OK**	0.544	0.574	3.275	3.150		1.807
	Grade		2062+20.00	HB45	1576.22	59.54	2.00%	0.00	1575.03	0.00	2.00%	0.00	1575.03	HB45	0.0127	0.4371	0.0000	1.752	1.780	**Right**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.542	0.570	3.241	3.121		1.780
	Grade		2062+25.00	HB45	1576.28	59.54	2.00%	0.00	1575.09	0.00	2.00%	0.00	1575.09	HB45	0.0125	0.4303	0.0000	1.725	1.752	**Right**	HB45	12.00	0.00	4.50	1.66	6.16	18.000	**OK**	0.539	0.567	3.207	3.091		1.752
	Grade		2062+30.00	HB45	1576.35	59.53	2.00%	0.00	1575.16	0.00	2.00%	0.00	1575.16	HB45	0.0123	0.4235	0.0000	1.698	1.725	**Right**	HB45	12.00	0.00	4.50	1.63	6.13	18.000	**OK**	0.537	0.564	3.173	3.061		1.725
	Grade		2062+35.00	HB45	1576.41	59.53	2.00%	0.00	1575.22	0.00	2.00%	0.00	1575.22	HB45	0.0121	0.4166	0.0000	1.670	1.698	**Right**	HB45	12.00	0.00	4.50	1.61	6.11	18.000	**OK**	0.534	0.560	3.139	3.030		1.698
	Grade		2062+40.00	HB45	1576.47	59.53	2.00%	0.00	1575.28	0.00	2.00%	0.00	1575.28	HB45	0.0119	0.4098	0.0000	1.643	1.670	**Right**	HB45	12.00	0.00	4.50	1.58	6.08	18.000	**OK**	0.532	0.557	3.104	3.000		1.670
	Grade		2062+45.00	HB45	1576.53	59.53	2.00%	0.00	1575.33	0.00	2.00%	0.00	1575.33	HB45	0.0117	0.4030	0.0000	1.615	1.643	**Right**	HB45	12.00	0.00	4.50	1.55	6.05	18.000	**OK**	0.529	0.553	3.070	2.969		1.643
	Grade		2062+50.00	HB45	1576.58	59.52	2.00%	0.00	1575.39	0.00	2.00%	0.00	1575.39	HB45	0.0115	0.3961	0.0000	1.588	1.615	**Right**	HB45	12.00	0.00	4.50	1.52	6.02	18.000	**OK**	0.527	0.550	3.035	2.938		1.615
	Grade		2062+55.00	HB45	1576.64	59.52	2.00%	0.00	1575.45	0.00	2.00%	0.00	1575.45	HB45	0.0113	0.3893	0.0000	1.561	1.588	**Right**	HB45	12.00	0.00	4.50	1.49	5.99	18.000	**OK**	0.524	0.546	2.999	2.907		1.588
	Grade		2062+60.00	HB45	1576.70	59.52	2.00%	0.00	1575.50	0.00	2.00%	0.00	1575.50	HB45	0.0112	0.3825	0.0000	1.533	1.561	**Right**	HB45	12.00	0.00	4.50	1.46	5.96	18.000	**OK**	0.521	0.543	2.964	2.875		1.561
	Grade		2062+65.00	HB45	1576.75	59.52	2.00%	0.00	1575.56	0.00	2.00%	0.00	1575.56	HB45	0.0110	0.3756	0.0000	1.506	1.533	**Right**	HB45	12.00	0.00	4.50	1.43	5.93	18.000	**OK**	0.519	0.539	2.929	2.844		1.533
	Grade		2062+70.00	HB45	1576.80	59.51	2.00%	0.00	1575.61	0.00	2.00%	0.00	1575.61	HB45	0.0108	0.3688	0.0000	1.479	1.506	**Right**	HB45	12.00	0.00	4.50	1.40	5.90	18.000	**OK**	0.516	0.536	2.893	2.812		1.506
	Grade		2062+75.00	HB45	1576.86	59.51	2.00%	0.00	1575.67	0.00	2.00%	0.00	1575.67	HB45	0.0106	0.3620	0.0000	1.451	1.479	**Right**	HB45	12.00	0.00	4.50	1.37	5.87	18.000	**OK**	0.513	0.532	2.857	2.779		1.479
	Grade		2062+80.00	HB45	1576.91	59.51	2.00%	0.00	1575.72	0.00	2.00%	0.00	1575.72	HB45	0.0104	0.3551	0.0000	1.424	1.451	**Right**	HB45	12.00	0.00	4.50	1.34	5.84	18.000	**OK**	0.510	0.528	2.821	2.747		1.451
	Grade		2062+85.00	HB45	1576.96	59.51	2.00%	0.00	1575.77	0.00	2.00%	0.00	1575.77	HB45	0.0102	0.3483	0.0000	1.396	1.424	**Right**	HB45	12.00	0.00	4.50	1.31	5.81	18.000	**OK**	0.508	0.525	2.784	2.714		1.424
	Grade		2062+90.00	HB45	1577.01	59.50	2.00%	0.00	1575.82	0.00	2.00%	0.00	1575.82	HB45	0.0100	0.3415	0.0000	1.369	1.396	**Right**	HB45	12.00	0.00	4.50	1.27	5.77	18.000	**OK**	0.505	0.521	2.748	2.681		1.396
	Grade		2062+95.00	HB45	1577.06	59.50	2.00%	0.00	1575.87	0.00	2.00%	0.00	1575.87	HB45	0.0098	0.3347	0.0000	1.342	1.369	**Right**	HB45	12.00	0.00	4.50	1.24	5.74	18.000	**OK**	0.502	0.517	2.711	2.648		1.369
	Grade		2063+00.00	HB45	1577.11	59.50	2.00%	0.00	1575.92	0.00	2.00%	0.00	1575.92	HB45	0.0096	0.3278	0.0000	1.314	1.342	**Right**	HB45	12.00	0.00	4.50	1.21	5.71	18.000	**OK**	0.499	0.513	2.674	2.614		1.342
	Grade		2063+05.00	HB45	1577.15	59.50	2.00%	0.00	1575.96	0.00	2.00%	0.00	1575.96	HB45	0.0094	0.3210	0.0000	1.287	1.314	**Right**	HB45	12.00	0.00	4.50	1.17	5.67	18.000	**OK**	0.496	0.509	2.636	2.580		1.314
	Grade		2063+10.00	HB45	1577.20	59.50	2.00%	0.00	1576.01	0.00	2.00%	0.00	1576.01	HB45	0.0092	0.3142	0.0000	1.259	1.287	**Right**	HB45	12.00	0.00	4.50	1.14	5.64	18.000	**OK**	0.492	0.505	2.599	2.546		1.287
	Grade		2063+15.00	HB45	1577.24	59.50	2.00%	0.00	1576.05	0.00	2.00%	0.00	1576.05	HB45	0.0090	0.3073	0.0000	1.232	1.259	**Right**	HB45	12.00	0.00	4.50	1.10	5.60	18.000	**OK**	0.489	0.501	2.561	2.511		1.259
	Grade		2063+20.00	HB45	1577.29	59.50	2.00%	0.00	1576.10	0.00	2.00%	0.00	1576.10	HB45	0.0088	0.3005	0.0000	1.205	1.232	**Right**	HB45	12.00	0.00	4.50	1.07	5.57	18.000	**OK**	0.486	0.497	2.523	2.477		1.232
	Grade		2063+25.00	HB45	1577.33	59.50	2.00%	0.00	1576.14	0.00	2.00%	0.00	1576.14	HB45	0.0086	0.2937	0.0000	1.177	1.205	**Right**	HB45	12.00	0.00	4.50	1.03	5.53	18.000	**OK**	0.483	0.493	2.484	2.441		1.205
	Grade		2063+30.00	HB45	1577.37	59.50	2.00%	0.00	1576.18	0.00	2.00%	0.00	1576.18	HB45	0.0084	0.2868	0.0000	1.150	1.177	**Right**	HB45	12.00	0.00	4.50	0.99	5.49	18.000	**OK**	0.479	0.489	2.446	2.406		1.177
	Grade		2063+35.00	HB45	1577.41	59.50	2.00%	0.00	1576.22	0.00	2.00%	0.00	1576.22	HB45	0.0082	0.2800	0.0000	1.123	1.150	**Right**	HB45	12.00	0.00	4.50	0.96	5.46	18.000	**OK**	0.476	0.485	2.407	2.370		1.150
	Grade		2063+40.00	HB45	1577.45	59.50	2.00%	0.00	1576.26	0.00	2.00%	0.00	1576.26	HB45	0.0080	0.2732	0.0000	1.095	1.123	**Right**	HB45	12.00	0.00	4.50	0.92	5.42	18.000	**OK**	0.473	0.481	2.367	2.334		1.123
	Grade		2063+45.00	HB45	1577.49	59.50	2.00%	0.00	1576.30	0.00	2.00%	0.00	1576.30	HB45	0.0078	0.2664	0.0000	1.068	1.095	**Right**	HB45	12.00	0.00	4.50	0.88	5.38	18.000	**OK**	0.469	0.477	2.328	2.297		1.095
	Grade		2063+50.00	HB45	1577.53	59.50	2.00%	0.00	1576.34	0.00	2.00%	0.00	1576.34	HB45	0.0076	0.2595	0.0000	1.040	1.068	**Right**	HB45	12.00	0.00	4.50	0.84	5.34	18.000	**OK**	0.466	0.473	2.288	2.260		1.068
	Grade		2063+55.00	HB45	1577.57	59.50	2.00%	0.00	1576.38	0.00	2.00%	0.00	1576.38	HB45	0.0074	0.2527	0.0000	1.013	1.040	**Right**	HB45	12.00	0.00	4.50	0.80	5.30	18.000	**OK**	0.462	0.468	2.247	2.222		1.040
	Grade		2063+60.00	HB45	1577.60	59.50	2.00%	0.00	1576.41	0.00	2.00%	0.00	1576.41	HB45	0.0072	0.2459	0.0000	0.986	1.013	**Right**	HB45	12.00	0.00	4.50	0.76	5.26	18.000	**OK**	0.458	0.464	2.207	2.184		1.013
	Grade		2063+65.00	HB45	1577.64	59.50	2.00%	0.00	1576.45	0.00	2.00%	0.00	1576.45	HB45	0.0070	0.2390	0.0000	0.958	0.986	**Right**	HB45	12.00	0.00	4.50	0.71	5.21	18.000	**OK**	0.454	0.459	2.166	2.146		0.986
	Grade		2063+70.00	HB45	1577.67	59.50	2.00%	0.00	1576.48	0.00	2.00%	0.00	1576.48	HB45	0.0068	0.2322	0.0000	0.931	0.958	**Right**	HB45	12.00	0.00	4.50	0.67	5.17	18.000	**OK**	0.450	0.455	2.125	2.107		0.958
	Grade		2063+75.00	HB45	1577.71	59.50	2.00%	0.00	1576.52	0.00	2.00%	0.00	1576.52	HB45	0.0066	0.2254	0.0000	0.904	0.931	**Right**	HB45	12.00	0.00	4.50	0.63	5.13	18.000	**OK**	0.446	0.450	2.083	2.067		0.931
	Grade		2063+80.00	HB45	1577.74	59.50	2.00%	0.00	1576.55	0.00	2.00%	0.00	1576.55	HB45	0.0064	0.2185	0.0000	0.876	0.904	**Right**	HB45	12.00	0.00	4.50	0.58	5.08	18.000	**OK**	0.442	0.446	2.041	2.027		0.904
	Grade		2063+85.00	HB45	1577.77	59.50	2.00%	0.00	1576.58	0.00	2.00%	0.00	1576.58	HB45	0.0062	0.2117	0.0000	0.849	0.876	**Right**	HB45	12.00	0.00	4.50	0.53	5.03	18.000	**OK**	0.438	0.441	1.998	1.987		0.876
	Grade		2063+90.00	HB45	1577.80	59.50	2.00%	0.00	1576.61	0.00	2.00%	0.00	1576.61	HB45	0.0061	0.2049	0.0000	0.821	0.849	**Right**	HB45	12.00	0.00	4.50	0.49	4.99	18.000	**OK**	0.434	0.436	1.955	1.946		0.849
	Grade		2063+95.00	HB45	1577.83	59.50	2.00%	0.00	1576.64	0.00	2.00%	0.00	1576.64	HB45	0.0059	0.1981	0.0000	0.794	0.821	**Right**	HB45	12.00	0.00	4.50	0.44	4.94	18.000	**OK**	0.429	0.431	1.912	1.904		0.821
	Grade		2064+00.00	HB45	1577.86	59.50	2.00%	0.00	1576.67	0.00	2.00%	0.00	1576.67	HB45	0.0057	0.1912	0.0000	0.767	0.794	**Right**	HB45	12.00	0.00	4.50	0.39	4.89	18.000	**OK**	0.425	0.426	1.868	1.862		0.794
	Grade		2064+05.00	HB45	1577.89	59.50	2.00%	0.00	1576.70	0.00	2.00%	0.00	1576.70	HB45	0.0055	0.1844	0.0000	0.739	0.767	**Right**	HB45	12.00	0.00	4.50	0.34	4.84	18.000	**OK**	0.420	0.421	1.824	1.819		0.767
	Grade		2064+10.00	HB45	1577.91	59.50	2.00%	0.00	1576.72	0.00	2.00%	0.00	1576.72	HB45	0.0053	0.1776	0.0000	0.712	0.739	**Right**	HB45	12.00	0.00	4.50	0.28	4.78	18.000	**OK**	0.416	0.416	1.779	1.776		0.739
	Grade		2064+15.00	HB45	1577.94	59.50	2.00%	0.00	1576.75	0.00	2.00%	0.00	1576.75	HB45	0.0051	0.1707	0.0000	0.685	0.712	**Right**	HB45	12.00	0.00	4.50	0.23	4.73	18.000	**OK**	0.411	0.411	1.733	1.731		0.712
	Grade		2064+20.00	HB45	1577.96	59.50	2.00%	0.00	1576.77	0.00	2.00%	0.00	1576.77	HB45	0.0049	0.1639	0.0000	0.657	0.685	**Right**	HB45	12.00	0.00	4.50	0.17	4.67	18.000	**OK**	0.406	0.406	1.687	1.686		0.685
	Grade		2064+25.00	HB45	1577.98	59.50	2.00%	0.00	1576.79	0.00	2.00%	0.00	1576.79	HB45	0.0047	0.1571	0.0000	0.630	0.657	**Right**	HB45	12.00	0.00	4.50	0.12	4.62	18.000	**OK**	0.400	0.401	1.641	1.640		0.657
	Grade		2064+30.00	HB45	1578.01	59.50	2.00%	0.00	1576.82	0.00	2.00%	0.00	1576.82	HB45	0.0045	0.1503	0.0000	0.602	0.630	**Right**	HB45	12.00	0.00	4.50	0.06	4.56	18.000	**OK**	0.395	0.395	1.594	1.594		0.630
	Grade		2064+35.00	HB45	1578.03	59.50	2.00%	0.00	1576.84	0.00	2.00%	0.00	1576.84	HB45	0.0043	0.1434	0.0000	0.575	0.602	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.390	0.390	1.546	1.546		0.602
	Grade		2064+40.00	HB45	1578.05	59.50	2.00%	0.00	1576.86	0.00	2.00%	0.00	1576.86	HB45	0.0041	0.1366	0.0000	0.548	0.575	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.384	0.384	1.498	1.498		0.575
	Grade		2064+45.00	HB45	1578.07	59.50	2.00%	0.00	1576.88	0.00	2.00%	0.00	1576.88	HB45	0.0039	0.1298	0.0000	0.520	0.548	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.378	0.378	1.449	1.449		0.548
	Grade		2064+50.00	HB45	1578.09	59.50	2.00%	0.00	1576.90	0.00	2.00%	0.00	1576.90	HB45	0.0037	0.1229	0.0000	0.493	0.520	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.372	0.372	1.399	1.399		0.520
	Grade		2064+55.00	HB45	1578.10	59.50	2.00%	0.00	1576.91	0.00	2.00%	0.00	1576.91	HB45	0.0035	0.1161	0.0000	0.465	0.493	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.366	0.366	1.348	1.348		0.493
	Grade		2064+60.00	HB45	1578.12	59.50	2.00%	0.00	1576.93	0.00	2.00%	0.00	1576.93	HB45	0.0033	0.1093	0.0000	0.438	0.465	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.359	0.359	1.297	1.297		0.465
	Grade		2064+65.00	HB45	1578.14	59.50	2.00%	0.00	1576.95	0.00	2.00%	0.00	1576.95	HB45	0.0031	0.1024	0.0000	0.411	0.438	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.352	0.352	1.244	1.244		0.438

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2064+70.00	HB45	1578.15	59.50	2.00%	0.00	1576.96	0.00	2.00%	0.00	1576.96	HB45	0.0029	0.0956	0.0000	0.383	0.411	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.345	0.345	1.191	1.191		0.411
	Grade		2064+75.00	HB45	1578.16	59.50	2.00%	0.00	1576.97	0.00	2.00%	0.00	1576.97	HB45	0.0027	0.0888	0.0000	0.356	0.383	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.337	0.337	1.136	1.136		0.383
	Grade		2064+80.00	HB45	1578.18	59.50	2.00%	0.00	1576.99	0.00	2.00%	0.00	1576.99	HB45	0.0025	0.0820	0.0000	0.329	0.356	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.329	0.329	1.081	1.081		0.356
	Grade		2064+85.00	HB45	1578.19	59.50	2.00%	0.00	1577.00	0.00	2.00%	0.00	1577.00	HB45	0.0023	0.0751	0.0000	0.301	0.329	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.321	0.321	1.024	1.024		0.329
	Grade		2064+90.00	HB45	1578.20	59.50	2.00%	0.00	1577.01	0.00	2.00%	0.00	1577.01	HB45	0.0021	0.0683	0.0000	0.274	0.301	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.312	0.312	0.965	0.965		0.301
	Grade		2064+95.00	HB45	1578.21	59.50	2.00%	0.00	1577.02	0.00	2.00%	0.00	1577.02	HB45	0.0019	0.0615	0.0000	0.246	0.274	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.302	0.302	0.905	0.905		0.274
	Grade		2065+00.00	HB45	1578.22	59.50	2.00%	0.00	1577.03	0.00	2.00%	0.00	1577.03	HB45	0.0017	0.0546	0.0000	0.219	0.246	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.292	0.292	0.843	0.843		0.246
	Grade		2065+05.00	HB45	1578.23	59.50	2.00%	0.00	1577.04	0.00	2.00%	0.00	1577.04	HB45	0.0015	0.0478	0.0000	0.192	0.219	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.281	0.281	0.779	0.779		0.219
	Grade		2065+10.00	HB45	1578.23	59.50	2.00%	0.00	1577.04	0.00	2.00%	0.00	1577.04	HB45	0.0013	0.0410	0.0000	0.164	0.192	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.269	0.269	0.713	0.713		0.192
	Grade		2065+15.00	HB45	1578.24	59.50	2.00%	0.00	1577.05	0.00	2.00%	0.00	1577.05	HB45	0.0011	0.0341	0.0000	0.137	0.164	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.255	0.255	0.643	0.643		0.164
	Grade		2065+20.00	HB45	1578.24	59.50	2.00%	0.00	1577.05	0.00	2.00%	0.00	1577.05	HB45	0.0010	0.0273	0.0000	0.110	0.137	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.240	0.240	0.570	0.570		0.137
	Grade		2065+25.00	HB45	1578.25	59.50	2.00%	0.00	1577.06	0.00	2.00%	0.00	1577.06	HB45	0.0008	0.0205	0.0000	0.082	0.110	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.222	0.222	0.493	0.493		0.110
	Grade		2065+30.00	HB45	1578.25	59.50	2.00%	0.00	1577.06	0.00	2.00%	0.00	1577.06	HB45	0.0006	0.0137	0.0000	0.055	0.082	**Right**	HB45	12.00	0.00	4.48	0.00	4.48	18.000	**OK**	0.201	0.201	0.409	0.409		0.082
	Grade		2065+35.00	HB45	1578.25	59.50	2.00%	0.00	1577.06	0.00	2.00%	0.00	1577.06	HB45	0.0004	0.0068	0.0000	0.027	0.055	**Right**	HB45	12.00	0.00	4.17	0.00	4.17	18.000	**OK**	0.174	0.174	0.314	0.314		0.055
	Crest		2065+40.00	HB45	1578.25	59.50	2.00%	0.00	1577.06	0.00	2.00%	0.00	1577.06	HB45	0.0002	0.0000	0.0000	0.000	0.027	**Right**	HB45	12.00	0.00	3.72	0.00	3.72	18.000	**OK**	0.138	0.138	0.198	0.198		0.027
	Grade		2065+45.00	HB45	1578.25	59.50	2.00%	0.00	1577.06	0.00	2.00%	0.00	1577.06	HB45	0.0000	0.0068	0.0000	0.027	0.055	**Right**	HB45	12.00	0.00	4.50	0.39	4.89	18.000	**OK**	0.425	0.427	0.129	0.128		0.055
	Grade		2065+50.00	HB45	1578.25	59.50	2.00%	0.00	1577.06	0.00	2.00%	0.00	1577.06	HB45	-0.0002	0.0137	0.0000	0.055	0.082	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.278	0.278	0.295	0.295		0.082
	Grade		2065+55.00	HB45	1578.25	59.50	2.00%	0.00	1577.06	0.00	2.00%	0.00	1577.06	HB45	-0.0004	0.0205	0.0000	0.082	0.110	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.273	0.273	0.401	0.401		0.110
	Grade		2065+60.00	HB45	1578.25	59.50	2.00%	0.00	1577.06	0.00	2.00%	0.00	1577.06	HB45	-0.0006	0.0273	0.0000	0.110	0.137	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.279	0.279	0.491	0.491		0.137
	Grade		2065+65.00	HB45	1578.24	59.50	2.00%	0.00	1577.05	0.00	2.00%	0.00	1577.05	HB45	-0.0008	0.0341	0.0000	0.137	0.164	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.287	0.287	0.572	0.572		0.164
	Grade		2065+70.00	HB45	1578.24	59.50	2.00%	0.00	1577.05	0.00	2.00%	0.00	1577.05	HB45	-0.0010	0.0410	0.0000	0.164	0.192	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.296	0.296	0.647	0.647		0.192
	Grade		2065+75.00	HB45	1578.23	59.50	2.00%	0.00	1577.04	0.00	2.00%	0.00	1577.04	HB45	-0.0012	0.0478	0.0000	0.192	0.219	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.305	0.305	0.718	0.718		0.219
	Grade		2065+80.00	HB45	1578.22	59.50	2.00%	0.00	1577.03	0.00	2.00%	0.00	1577.03	HB45	-0.0014	0.0546	0.0000	0.219	0.246	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.314	0.314	0.785	0.785		0.246
	Grade		2065+85.00	HB45	1578.22	59.50	2.00%	0.00	1577.03	0.00	2.00%	0.00	1577.03	HB45	-0.0016	0.0615	0.0000	0.246	0.274	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.322	0.322	0.850	0.850		0.274
	Grade		2065+90.00	HB45	1578.21	59.50	2.00%	0.00	1577.02	0.00	2.00%	0.00	1577.02	HB45	-0.0018	0.0683	0.0000	0.274	0.301	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.330	0.330	0.912	0.912		0.301
	Grade		2065+95.00	HB45	1578.20	59.50	2.00%	0.00	1577.01	0.00	2.00%	0.00	1577.01	HB45	-0.0020	0.0751	0.0000	0.301	0.329	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.338	0.338	0.973	0.973		0.329
	Grade		2066+00.00	HB45	1578.19	59.50	2.00%	0.00	1577.00	0.00	2.00%	0.00	1577.00	HB45	-0.0022	0.0820	0.0000	0.329	0.356	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.345	0.345	1.031	1.031		0.356
	Grade		2066+05.00	HB45	1578.17	59.50	2.00%	0.00	1576.98	0.00	2.00%	0.00	1576.98	HB45	-0.0024	0.0888	0.0000	0.356	0.383	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.352	0.352	1.089	1.089		0.383
	Grade		2066+10.00	HB45	1578.16	59.50	2.00%	0.00	1576.97	0.00	2.00%	0.00	1576.97	HB45	-0.0026	0.0956	0.0000	0.383	0.411	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.359	0.359	1.144	1.144		0.411
	Grade		2066+15.00	HB45	1578.15	59.50	2.00%	0.00	1576.96	0.00	2.00%	0.00	1576.96	HB45	-0.0028	0.1024	0.0000	0.411	0.438	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.365	0.365	1.199	1.199		0.438
	Grade		2066+20.00	HB45	1578.13	59.50	2.00%	0.00	1576.94	0.00	2.00%	0.00	1576.94	HB45	-0.0030	0.1093	0.0000	0.438	0.465	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.372	0.372	1.253	1.253		0.465
	Grade		2066+25.00	HB45	1578.12	59.50	2.00%	0.00	1576.93	0.00	2.00%	0.00	1576.93	HB45	-0.0032	0.1161	0.0000	0.465	0.493	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.378	0.378	1.305	1.305		0.493
	Grade		2066+30.00	HB45	1578.10	59.50	2.00%	0.00	1576.91	0.00	2.00%	0.00	1576.91	HB45	-0.0034	0.1229	0.0000	0.493	0.520	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.383	0.383	1.357	1.357		0.520
	Grade		2066+35.00	HB45	1578.08	59.50	2.00%	0.00	1576.89	0.00	2.00%	0.00	1576.89	HB45	-0.0036	0.1298	0.0000	0.520	0.548	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.389	0.389	1.407	1.407		0.548
	Grade		2066+40.00	HB45	1578.06	59.50	2.00%	0.00	1576.87	0.00	2.00%	0.00	1576.87	HB45	-0.0038	0.1366	0.0000	0.548	0.575	**Right**	HB45	12.00	0.00	4.50	0.05	4.55	18.000	**OK**	0.395	0.395	1.457	1.457		0.575
	Grade		2066+45.00	HB45	1578.04	59.50	2.00%	0.00	1576.85	0.00	2.00%	0.00	1576.85	HB45	-0.0039	0.1434	0.0000	0.575	0.602	**Right**	HB45	12.00	0.00	4.50	0.11	4.61	18.000	**OK**	0.400	0.400	1.506	1.506		0.602
	Grade		2066+50.00	HB45	1578.02	59.50	2.00%	0.00	1576.83	0.00	2.00%	0.00	1576.83	HB45	-0.0041	0.1503	0.0000	0.602	0.630	**Right**	HB45	12.00	0.00	4.50	0.17	4.67	18.000	**OK**	0.405	0.405	1.555	1.554		0.630
	Grade		2066+55.00	HB45	1578.00	59.50	2.00%	0.00	1576.81	0.00	2.00%	0.00	1576.81	HB45	-0.0043	0.1571	0.0000	0.630	0.657	**Right**	HB45	12.00	0.00	4.50	0.22	4.72	18.000	**OK**	0.410	0.411	1.602	1.601		0.657
	Grade		2066+60.00	HB45	1577.98	59.50	2.00%	0.00	1576.79	0.00	2.00%	0.00	1576.79	HB45	-0.0045	0.1639	0.0000	0.657	0.685	**Right**	HB45	12.00	0.00	4.50	0.28	4.78	18.000	**OK**	0.415	0.416	1.649	1.647		0.685
	Grade		2066+65.00	HB45	1577.95	59.50	2.00%	0.00	1576.76	0.00	2.00%	0.00	1576.76	HB45	-0.0047	0.1707	0.0000	0.685	0.712	**Right**	HB45	12.00	0.00	4.50	0.33	4.83	18.000	**OK**	0.420	0.421	1.696	1.692		0.712
	Grade		2066+70.00	HB45	1577.93	59.50	2.00%	0.00	1576.74	0.00	2.00%	0.00	1576.74	HB45	-0.0049	0.1776	0.0000	0.712	0.739	**Right**	HB45	12.00	0.00	4.50	0.38	4.88	18.000	**OK**	0.424	0.426	1.742	1.736		0.739
	Grade		2066+75.00	HB45	1577.90	59.50	2.00%	0.00	1576.71	0.00	2.00%	0.00	1576.71	HB45	-0.0051	0.1844	0.0000	0.739	0.767	**Right**	HB45	12.00	0.00	4.50	0.43	4.93	18.000	**OK**	0.429	0.431	1.787	1.780		0.767
	Grade		2066+80.00	HB45	1577.88	59.50	2.00%	0.00	1576.69	0.00	2.00%	0.00	1576.69	HB45	-0.0053	0.1912	0.0000	0.767	0.794	**Right**	HB45	12.00	0.00	4.50	0.48	4.98	18.000	**OK**	0.433	0.435	1.832	1.823		0.794
	Grade		2066+85.00	HB45	1577.85	59.50	2.00%	0.00	1576.66	0.00	2.00%	0.00	1576.66	HB45	-0.0055	0.1981	0.0000	0.794	0.821	**Right**	HB45	12.00	0.00	4.50	0.53	5.03	18.000	**OK**	0.437	0.440	1.876	1.866		0.821
	Grade		2066+90.00	HB45	1577.82	59.50	2.00%	0.00	1576.63	0.00	2.00%	0.00	1576.63	HB45	-0.0057	0.2049	0.0000	0.821	0.849	**Right**	HB45	12.00	0.00	4.50	0.57	5.07	18.000	**OK**	0.442	0.445	1.920	1.908		0.849
	Grade		2066+95.00	HB45	1577.79	59.50	2.00%	0.00	1576.60	0.00	2.00%	0.00	1576.60	HB45	-0.0059	0.2117	0.0000	0.849	0.876	**Right**	HB45	12.00	0.00	4.50	0.62	5.12	18.000	**OK**	0.446	0.450	1.963	1.949		0.876
	Grade		2067+00.00	HB45	1577.76	59.50	2.00%	0.00	1576.57	0.00	2.00%	0.00	1576.57	HB45	-0.0061	0.2185	0.0000	0.876	0.904	**Right**	HB45	12.00	0.00	4.50	0.66	5.16	18.000	**OK**	0.450	0.454	2.006	1.990		0.904
	Grade		2067+05.00	HB45	1577.73	59.50	2.00%	0.00	1576.54	0.00	2.00%	0.00	1576.54	HB45	-0.0063	0.2254	0.0000	0.904	0.931	**Right**	HB45	12.00	0.00	4.50	0.71	5.21	18.000	**OK**	0.454	0.459	2.049	2.030		0.931
	Grade		2067+10.00	HB45	1577.70	59.50	2.00%	0.00	1576.51	0.00	2.00%	0.00	1576.51	HB45	-0.0065	0.2322	0.0000	0.931	0.958	**Right**	HB45	12.00	0.00	4.50	0.75	5.25	18.000	**OK**	0.457	0.463	2.091	2.069		0.958
	Grade		2067+15.00	HB45	1577.66	59.50	2.00%	0.00	1576.47	0.00	2.00%	0.00	1576.47	HB45	-0.0067	0.2390	0.0000	0.958	0.986	**Right**	HB45	12.00	0.00	4.50	0.79	5.29	18.000	**OK**	0.461	0.467	2.132	2.109		0.986
	Grade		2067+20.00	HB45	1577.63	59.50	2.00%	0.00	1576.44	0.00	2.00%	0.00	1576.44	HB45	-0.0069	0.2459	0.0000	0.986	1.013	**Right**	HB45	12.00	0.00	4.50	0.83	5.33	18.000	**OK**	0.465	0.472	2.174	2.147		1.013
	Grade		2067+25.00	HB45	1577.59	59.50	2.00%	0.00	1576.40	0.00	2.00%	0.00	1576.40	HB45	-0.0071	0.2527	0.0000	1.013	1.040	**Right**	HB45	12.00	0.00	4.50	0.87	5.37	18.000	**OK**	0.468	0.476	2.214	2.185		1.040
	Grade		2067+30.00	HB45	1577.56	59.50	2.00%	0.00	1576.37	0.00	2.00%	0.00	1576.37	HB45	-0.0073	0.2595	0.0000	1.040	1.068	**Right**	HB45	12.00	0.00	4.50	0.91	5.41	18.000	**OK**	0.472	0.480	2.255	2.223		1.068
	Grade		2067+35.00	HB45	1577.52	59.50	2.00%	0.00	1576.33	0.00	2.00%	0.00	1576.33	HB45	-0.0075	0.2664	0.0000	1.068	1.095	**Right**	HB45	12.00	0.00	4.50	0.95	5.45	18.000	**OK**	0.475	0.484	2.295	2.261		1.095
	Grade		2067+40.00	HB45	1577.48	59.50	2.00%	0.00	1576.29	0.00	2.00%	0.00	1576.29	HB45	-0.0077	0.2732	0.0000	1.095	1.123	**Right**	HB45	12.00	0.00	4.50	0.99	5.49	18.000	**OK**	0.479	0.489	2.335	2.297		1.123
	Grade		2067+45.00	HB45	1577.44	59.50	2.00%	0.00	1576.25	0.00	2.00%	0.00	1576.25	HB45	-0.0079	0.2800	0.0000	1.123	1.150	**Right**	HB45	12.00	0.00	4.50	1.02	5.52	18.000	**OK**	0.482	0.493	2.375	2.334		1.150
	Grade		2067+50.00	HB45	1577.40	59.50	2.00%	0.00	1576.21	0.00	2.00%	0.00	1576.21	HB45	-0.0081	0.2868	0.0000	1.150	1.177	**Right**	HB45	12.00	0.00	4.50	1.06	5.56	18.000	**OK**	0.485	0.497	2.414	2.370		1.177
	Grade		2067+55.00	HB45	1577.36	59.50	2.00%	0.00	1576.17	0.00	2.00%	0.00	1576.17	HB45	-0.0083	0.2937	0.0000	1.177	1.205	**Right**	HB45	12.00	0.00	4.50	1.10	5.60	18.000	**OK**	0.489	0.501	2.453	2.406		1.205
	Grade		2067+60.00	HB45	1577.32	59.50	2.00%	0.00	1576.13	0.00	2.00%	0.00	1576.13	HB45	-0.0085	0.3005	0.0000	1.205	1.232	**Right**	HB45	12.00	0.00	4.50	1.13	5.63	18.000	**OK**	0.492	0.505	2.492	2.441		1.232
	Grade		2067+65.00	HB45	1577.28	59.50	2.00%	0.00	1576.09	0.00	2.00%	0.00	1576.09	HB45	-0.0087	0.3073	0.0000	1.232	1.259	**Right**	HB45	12.00	0.00	4.50	1.17	5.67	18.000	**OK**	0.495	0.509	2.530	2.476		1.259
	Grade		2067+70.00	HB45	1577.23	59.50	2.00%	0.00	1576.04	0.00	2.00%	0.00	1576.04	HB45	-0.0089	0.3142	0.0000	1.259	1.287	**Right**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.498	0.512	2.568	2.511		1.287
	Grade		2067+75.00	HB45	1577.19	59.50	2.00%	0.00	1576.00	0.00	2.00%	0.00	1576.00	HB45	-0.0090	0.3210	0.0000	1.287	1.314	**Right**	HB45	12.00	0.00	4.50	1.23	5.73	18.000	**OK**	0.501	0.516	2.606	2.546		1.314
	Grade		2067+80.00	HB45	1577.14	59.50	2.00%	0.00	1575.95	0.00	2.00%	0.00	1575.95	HB45	-0.0092	0.3278	0.0000	1.314	1.342	**Right**	HB45	12.00	0.00	4.50	1.27	5.77	18.000	**OK**	0.504	0.520	2.643	2.580		1.342
	Grade		2067+85.00	HB45	1577.09	59.50	2.00%	0.00	1575.90	0.00	2.00%	0.00	1575.90	HB45	-0.0094	0.3347	0.0000	1.342	1.369	**Right**	HB45	12.00	0.00	4.50	1.30	5.80	18.000	**OK**	0.507	0.524	2.681	2.613		1.369
	Grade		2067+90.00	HB45	1577.04	59.50	2.00%	0.00	1575.85	0.00	2.00%	0.00	1575.85	HB45	-0.0096	0.3415	0.0000	1.369	1.396	**Right**	HB45	12.00	0.00	4.50	1.33	5.83	18.000	**OK**	0.510	0.528	2.718	2.647		1.396
	Grade		2067+95.00	HB45	1577.00	59.50	2.00%	0.00	1575.81	0.00	2.00%	0.00	1575.81	HB45	-0.0098	0.3483	0.0000	1.396	1.424	**Right**	HB45	12.00	0.00	4.50	1.36	5.86	18.000	**OK**	0.513	0.531	2.754	2.680		1.424
	Grade		2068+00.00	HB45	1576.95	59.50	2.00%	0.00	1575.76	0.00	2.00%	0.00	1575.76	HB45	-0.0100	0.3551	0.0000	1.424	1.451	**Right**	HB45	12.00	0.00	4.50	1.39	5.89	18.000	**OK**	0.515	0.535	2.791	2.713		1.451
	Grade		2068+05.00	HB45	1576.89	59.50	2.00%	0.00	1575.70	0.00	2.00%	0.00	1575.70	HB45	-0.0102	0.3620	0.0000	1.451	1.479	**Right**	HB45	12.00	0.00	4.50	1.42	5.92	18.000	**OK**	0.518	0.538	2.827	2.746		1.479
	Grade		2068+10.00	HB45	1576.84	59.50	2.00%	0.00	1575.65	0.00	2.00%	0.00	1575.65	HB45	-0.0104	0.3688	0.0000	1.479	1.506	**Right**	HB45	12.00	0.00	4.50	1.45	5.95	18.000	**OK**	0.521	0.542	2.864	2.778		1.506
	Grade		2068+15.00	HB45	1576.79	59.50	2.00%	0.00	1575.60	0.00	2.00%	0.00	1575.60	HB45	-0.0106	0.3756	0.0000	1.506	1.533	**Right**	HB45	12.00	0.00	4.50	1.48	5.98	18.000	**OK**	0.524	0.546	2.899	2.810		1.533
	Grade		2068+20.00	HB45	1576.73	59.50	2.00%	0.00	1575.54	0.00	2.00%	0.00	1575.54	HB45	-0.0108	0.3825	0.0000	1.533	1.561	**Right**	HB45	12.00	0.00	4.50	1.51	6.01	18.000	**OK**	0.526	0.549	2.935	2.842		1.561

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2068+25.00	HB45	1576.68	59.50	2.00%	0.00	1575.49	0.00	2.00%	0.00	1575.49	HB45	-0.0110	0.3893	0.0000	1.561	1.588	**Right**	HB45	12.00	0.00	4.50	1.54	6.04	18.000	**OK**	0.529	0.553	2.971	2.874		1.588
	Grade		2068+30.00	HB45	1576.62	59.50	2.00%	0.00	1575.43	0.00	2.00%	0.00	1575.43	HB45	-0.0112	0.3961	0.0000	1.588	1.615	**Right**	HB45	12.00	0.00	4.50	1.57	6.07	18.000	**OK**	0.531	0.556	3.006	2.905		1.615
	Grade		2068+35.00	HB45	1576.57	59.50	2.00%	0.00	1575.38	0.00	2.00%	0.00	1575.38	HB45	-0.0114	0.4029	0.0000	1.615	1.643	**Right**	HB45	12.00	0.00	4.50	1.60	6.10	18.000	**OK**	0.534	0.559	3.041	2.936		1.643
	Grade		2068+40.00	HB45	1576.51	59.50	2.00%	0.00	1575.32	0.00	2.00%	0.00	1575.32	HB45	-0.0116	0.4098	0.0000	1.643	1.670	**Right**	HB45	12.00	0.00	4.50	1.63	6.13	18.000	**OK**	0.536	0.563	3.076	2.967		1.670
	Grade	3	2068+45.00	HB45	1576.45	59.50	2.00%	0.00	1575.26	0.00	2.00%	0.00	1575.26	HB45	-0.0118	0.4166	0.0000	1.670	1.698	**Right**	HB45	12.00	0.00	4.50	1.65	6.15	18.000	**OK**	0.539	0.566	3.110	2.998	3	1.698
	Grade		2068+50.00	HB45	1576.39	59.50	2.00%	0.00	1575.20	0.00	2.00%	0.00	1575.20	HB45	-0.0120	0.4234	0.0000	0.021	0.048	**Right**	HB45	12.00	0.00	2.06	0.00	2.06	18.000	**OK**	0.043	0.043	1.126	1.126		0.048
	Grade		2068+55.00	HB45	1576.33	59.50	2.00%	0.00	1575.14	0.00	2.00%	0.00	1575.14	HB45	-0.0122	0.4303	0.0000	0.048	0.075	**Right**	HB45	12.00	0.00	2.44	0.00	2.44	18.000	**OK**	0.059	0.059	1.269	1.269		0.075
	Grade		2068+60.00	HB45	1576.27	59.50	2.00%	0.00	1575.08	0.00	2.00%	0.00	1575.08	HB45	-0.0124	0.4371	0.0000	0.075	0.103	**Right**	HB45	12.00	0.00	2.73	0.00	2.73	18.000	**OK**	0.074	0.074	1.379	1.379		0.103
	Grade		2068+65.00	HB45	1576.20	59.50	2.00%	0.00	1575.01	0.00	2.00%	0.00	1575.01	HB45	-0.0126	0.4439	0.0000	0.103	0.130	**Right**	HB45	12.00	0.00	2.97	0.00	2.97	18.000	**OK**	0.088	0.088	1.472	1.472		0.130
	Grade		2068+70.00	HB45	1576.73	89.10	2.00%	0.00	1574.95	0.00	2.00%	0.00	1574.95	HB45	-0.0128	0.4525	0.0000	0.130	0.164	**Right**	HB45	12.00	0.00	3.23	0.00	3.23	18.000	**OK**	0.105	0.105	1.569	1.569		0.164
	Grade		2068+75.00	HB45	1576.66	88.95	2.00%	0.00	1574.89	0.00	2.00%	0.00	1574.89	HB45	-0.0130	0.4627	0.0000	0.164	0.205	**Right**	HB45	12.00	0.00	3.51	0.00	3.51	18.000	**OK**	0.123	0.123	1.669	1.669		0.205
	Grade		2068+80.00	HB45	1576.60	88.79	2.00%	0.00	1574.82	0.00	2.00%	0.00	1574.82	HB45	-0.0132	0.4729	0.0000	0.205	0.246	**Right**	HB45	12.00	0.00	3.74	0.00	3.74	18.000	**OK**	0.140	0.140	1.756	1.756		0.246
	Grade		2068+85.00	HB45	1576.53	88.64	2.00%	0.00	1574.75	0.00	2.00%	0.00	1574.75	HB45	-0.0134	0.4831	0.0000	0.246	0.287	**Right**	HB45	12.00	0.00	3.95	0.00	3.95	18.000	**OK**	0.156	0.156	1.835	1.835		0.287
	Grade		2068+90.00	HB45	1576.45	88.48	2.00%	0.00	1574.68	0.00	2.00%	0.00	1574.68	HB45	-0.0136	0.4932	0.0000	0.287	0.328	**Right**	HB45	12.00	0.00	4.14	0.00	4.14	18.000	**OK**	0.172	0.172	1.907	1.907		0.328
	Grade		2068+95.00	HB45	1576.38	88.33	2.00%	0.00	1574.62	0.00	2.00%	0.00	1574.62	HB45	-0.0138	0.5034	0.0000	0.328	0.368	**Right**	HB45	12.00	0.00	4.32	0.00	4.32	18.000	**OK**	0.187	0.187	1.975	1.975		0.368
	Grade		2069+00.00	HB45	1576.31	88.18	2.00%	0.00	1574.55	0.00	2.00%	0.00	1574.55	HB45	-0.0140	0.5135	0.0000	0.368	0.409	**Right**	HB45	12.00	0.00	4.48	0.00	4.48	18.000	**OK**	0.201	0.201	2.038	2.038		0.409
	Grade		2069+05.00	HB45	1576.22	88.02	1.98%	0.00	1574.48	0.00	1.98%	0.00	1574.48	HB45	-0.0141	0.5236	0.0000	0.409	0.450	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.214	0.214	2.099	2.099		0.450
	Grade		2069+10.00	HB45	1576.13	87.87	1.96%	0.00	1574.40	0.00	1.96%	0.00	1574.40	HB45	-0.0143	0.5337	0.0000	0.450	0.490	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.227	0.227	2.160	2.160		0.490
	Grade		2069+15.00	HB45	1576.03	87.72	1.94%	0.00	1574.33	0.00	1.94%	0.00	1574.33	HB45	-0.0145	0.5438	0.0000	0.490	0.530	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.239	0.239	2.221	2.221		0.530
	Grade		2069+20.00	HB45	1575.94	87.56	1.92%	0.00	1574.26	0.00	1.92%	0.00	1574.26	HB45	-0.0147	0.5538	0.0000	0.530	0.571	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.250	0.250	2.282	2.282		0.571
	Grade		2069+25.00	HB45	1575.84	87.41	1.90%	0.00	1574.18	0.00	1.90%	0.00	1574.18	HB45	-0.0149	0.5639	0.0000	0.571	0.611	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.261	0.261	2.341	2.341		0.611
	Grade		2069+30.00	HB45	1575.75	87.25	1.88%	0.00	1574.11	0.00	1.88%	0.00	1574.11	HB45	-0.0151	0.5739	0.0000	0.611	0.651	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.271	0.271	2.400	2.400		0.651
	Grade		2069+35.00	HB45	1575.65	87.10	1.86%	0.00	1574.03	0.00	1.86%	0.00	1574.03	HB45	-0.0153	0.5839	0.0000	0.651	0.691	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.281	0.281	2.457	2.457		0.691
	Grade		2069+40.00	HB45	1575.55	86.95	1.84%	0.00	1573.95	0.00	1.84%	0.00	1573.95	HB45	-0.0155	0.5939	0.0000	0.691	0.731	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.291	0.291	2.514	2.514		0.731
	Grade		2069+45.00	HB45	1575.45	86.79	1.82%	0.00	1573.87	0.00	1.82%	0.00	1573.87	HB45	-0.0157	0.6039	0.0000	0.731	0.771	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.300	0.300	2.570	2.570		0.771
	Grade		2069+50.00	HB45	1575.35	86.64	1.80%	0.00	1573.79	0.00	1.80%	0.00	1573.79	HB45	-0.0159	0.6138	0.0000	0.771	0.811	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.309	0.309	2.625	2.625		0.811
	Grade		2069+55.00	HB45	1575.25	86.48	1.78%	0.00	1573.71	0.00	1.78%	0.00	1573.71	HB45	-0.0161	0.6238	0.0000	0.811	0.851	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.318	0.318	2.679	2.679		0.851
	Grade		2069+60.00	HB45	1575.15	86.33	1.76%	0.00	1573.63	0.00	1.76%	0.00	1573.63	HB45	-0.0163	0.6337	0.0000	0.851	0.891	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.326	0.326	2.733	2.733		0.891
	Grade		2069+65.00	HB45	1575.05	86.18	1.74%	0.00	1573.55	0.00	1.74%	0.00	1573.55	HB45	-0.0165	0.6436	0.0000	0.891	0.930	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.334	0.334	2.785	2.785		0.930
	Grade		2069+70.00	HB45	1574.95	86.02	1.72%	0.00	1573.47	0.00	1.72%	0.00	1573.47	HB45	-0.0160	0.6535	0.0000	0.930	0.970	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.347	0.347	2.798	2.798		0.970
	Grade		2069+75.00	HB45	1574.85	85.87	1.70%	0.00	1573.39	0.00	1.70%	0.00	1573.39	HB45	-0.0160	0.6633	0.0000	0.970	1.010	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.356	0.356	2.838	2.838		1.010
	Grade		2069+80.00	HB45	1574.74	85.72	1.68%	0.00	1573.30	0.00	1.68%	0.00	1573.30	HB45	-0.0180	0.6732	0.0000	1.010	1.049	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.351	0.351	2.988	2.988		1.049
	Grade		2069+85.00	HB45	1574.64	85.56	1.66%	0.00	1573.22	0.00	1.66%	0.00	1573.22	HB45	-0.0160	0.6830	0.0000	1.049	1.089	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	2.916	2.916		1.089
	Grade		2069+90.00	HB45	1574.54	85.41	1.64%	0.00	1573.14	0.00	1.64%	0.00	1573.14	HB45	-0.0160	0.6928	0.0000	1.089	1.128	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	2.953	2.953		1.128
	Grade		2069+95.00	HB45	1574.44	85.25	1.62%	0.00	1573.06	0.00	1.62%	0.00	1573.06	HB45	-0.0160	0.7026	0.0000	1.128	1.167	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.390	0.390	2.990	2.990		1.167
	Grade		2070+00.00	HB45	1574.33	85.10	1.60%	0.00	1572.97	0.00	1.60%	0.00	1572.97	HB45	-0.0180	0.7124	0.0000	1.167	1.206	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.384	0.384	3.142	3.142		1.206
	Grade		2070+05.00	HB45	1574.23	84.77	1.58%	0.00	1572.89	0.00	1.58%	0.00	1572.89	HB45	-0.0160	0.7221	0.0000	1.206	1.245	**Right**	HB45	12.00	0.00	4.50	0.24	4.74	18.000	**OK**	0.407	0.407	3.062	3.059		1.245
	Grade		2070+10.00	HB45	1574.13	84.44	1.56%	0.00	1572.81	0.00	1.56%	0.00	1572.81	HB45	-0.0160	0.7319	0.0000	1.245	1.284	**Right**	HB45	12.00	0.00	4.50	0.35	4.85	18.000	**OK**	0.415	0.416	3.096	3.090		1.284
	Grade		2070+15.00	HB45	1574.02	84.11	1.54%	0.00	1572.72	0.00	1.54%	0.00	1572.72	HB45	-0.0180	0.7415	0.0000	1.284	1.323	**Right**	HB45	12.00	0.00	4.50	0.25	4.75	18.000	**OK**	0.407	0.408	3.249	3.246		1.323
	Grade		2070+20.00	HB45	1573.91	83.78	1.52%	0.00	1572.64	0.00	1.52%	0.00	1572.64	HB45	-0.0160	0.7512	0.0000	1.323	1.362	**Right**	HB45	12.00	0.00	4.50	0.59	5.09	18.000	**OK**	0.430	0.433	3.163	3.146		1.362
	Grade		2070+25.00	HB45	1573.81	83.45	1.50%	0.00	1572.56	0.00	1.50%	0.00	1572.56	HB45	-0.0160	0.7608	0.0000	1.362	1.400	**Right**	HB45	12.00	0.00	4.50	0.71	5.21	18.000	**OK**	0.438	0.441	3.195	3.172		1.400
	Grade		2070+30.00	HB45	1573.70	83.12	1.48%	0.00	1572.47	0.00	1.48%	0.00	1572.47	HB45	-0.0180	0.7703	0.0000	1.400	1.439	**Right**	HB45	12.00	0.00	4.50	0.59	5.09	18.000	**OK**	0.429	0.432	3.350	3.333		1.439
	Grade		2070+35.00	HB45	1573.60	82.79	1.46%	0.00	1572.39	0.00	1.46%	0.00	1572.39	HB45	-0.0160	0.7798	0.0000	1.439	1.477	**Right**	HB45	12.00	0.00	4.50	0.95	5.45	18.000	**OK**	0.452	0.459	3.258	3.219		1.477
	Grade		2070+40.00	HB45	1573.50	82.46	1.44%	0.00	1572.31	0.00	1.44%	0.00	1572.31	HB45	-0.0160	0.7893	0.0000	1.477	1.515	**Right**	HB45	12.00	0.00	4.50	1.07	5.57	18.000	**OK**	0.459	0.468	3.288	3.240		1.515
	Grade		2070+45.00	HB45	1573.40	82.13	1.42%	0.00	1572.23	0.00	1.42%	0.00	1572.23	HB45	-0.0160	0.7988	0.0000	1.515	1.553	**Right**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.466	0.476	3.318	3.260		1.553
	Grade		2070+50.00	HB45	1573.29	81.80	1.40%	0.00	1572.14	0.00	1.40%	0.00	1572.14	HB45	-0.0180	0.8082	0.0000	1.553	1.590	**Right**	HB45	12.00	0.00	4.50	1.05	5.55	18.000	**OK**	0.456	0.464	3.475	3.426		1.590
	Grade		2070+55.00	HB45	1573.18	81.47	1.38%	0.00	1572.06	0.00	1.38%	0.00	1572.06	HB45	-0.0160	0.8176	0.0000	1.590	1.628	**Right**	HB45	12.00	0.00	4.50	1.44	5.94	18.000	**OK**	0.480	0.494	3.375	3.295		1.628
	Grade		2070+60.00	HB45	1573.08	81.14	1.36%	0.00	1571.98	0.00	1.36%	0.00	1571.98	HB45	-0.0160	0.8269	0.0000	1.628	1.665	**Right**	HB45	12.00	0.00	4.50	1.57	6.07	18.000	**OK**	0.486	0.503	3.402	3.311		1.665
	Grade		2070+65.00	HB45	1572.97	80.81	1.34%	0.00	1571.89	0.00	1.34%	0.00	1571.89	HB45	-0.0180	0.8362	0.0000	1.665	1.703	**Right**	HB45	12.00	0.00	4.50	1.42	5.92	18.000	**OK**	0.476	0.489	3.561	3.481		1.703
	Grade		2070+70.00	HB45	1572.87	80.48	1.32%	0.00	1571.81	0.00	1.32%	0.00	1571.81	HB45	-0.0160	0.8454	0.0000	1.703	1.740	**Right**	HB45	12.00	0.00	4.50	1.83	6.33	18.000	**OK**	0.499	0.521	3.455	3.340		1.740
	Grade		2070+75.00	HB45	1572.77	80.15	1.30%	0.00	1571.73	0.00	1.30%	0.00	1571.73	HB45	-0.0160	0.8547	0.0000	1.740	1.777	**Right**	HB45	12.00	0.00	4.50	1.96	6.46	18.000	**OK**	0.505	0.530	3.481	3.353		1.777
	Grade		2070+80.00	HB45	1572.66	79.82	1.28%	0.00	1571.64	0.00	1.28%	0.00	1571.64	HB45	-0.0180	0.8638	0.0000	1.777	1.813	**Right**	HB45	12.00	0.00	4.50	1.80	6.30	18.000	**OK**	0.494	0.514	3.642	3.526		1.813
	Grade		2070+85.00	HB45	1572.56	79.49	1.26%	0.00	1571.56	0.00	1.26%	0.00	1571.56	HB45	-0.0160	0.8730	0.0000	1.813	1.850	**Right**	HB45	12.00	0.00	4.50	2.23	6.73	18.000	**OK**	0.517	0.548	3.531	3.375		1.850
	Grade		2070+90.00	HB45	1572.46	79.16	1.24%	0.00	1571.48	0.00	1.24%	0.00	1571.48	HB45	-0.0160	0.8821	0.0000	1.850	1.887	**Right**	HB45	12.00	0.00	4.50	2.37	6.87	18.000	**OK**	0.522	0.557	3.555	3.385		1.887
	Grade		2070+95.00	HB45	1572.36	78.83	1.22%	0.00	1571.40	0.00	1.22%	0.00	1571.40	HB45	-0.0160	0.8912	0.0000	1.887	1.923	**Right**	HB45	12.00	0.00	4.50	2.52	7.02	18.000	**OK**	0.528	0.567	3.578	3.393		1.923
	Grade		2071+00.00	HB45	1572.25	78.50	1.20%	0.00	1571.31	0.00	1.20%	0.00	1571.31	HB45	-0.0180	0.9002	0.0000	1.923	1.959	**Right**	HB45	12.00	0.00	4.50	2.33	6.83	18.000	**OK**	0.516	0.549	3.742	3.570		1.959
	Grade		2071+05.00	HB45	1572.15	78.30	1.18%	0.00	1571.23	0.00	1.18%	0.00	1571.23	HB45	-0.0160	0.9092	0.0000	1.959	1.995	**Right**	HB45	12.00	0.00	4.50	2.81	7.31	18.000	**OK**	0.539	0.585	3.623	3.408		1.995
	Grade		2071+10.00	HB45	1572.06	78.10	1.16%	0.00	1571.15	0.00	1.16%	0.00	1571.15	HB45	-0.0160	0.9182	0.0000	1.995	2.031	**Right**	HB45	12.00	0.00	4.50	2.96	7.46	18.000	**OK**	0.544	0.595	3.645	3.414		2.031
	Grade		2071+15.00	HB45	1571.95	77.90	1.14%	0.00	1571.06	0.00	1.14%	0.00	1571.06	HB45	-0.0180	0.9271	0.0000	2.031	2.067	**Right**	HB45	12.00	0.00	4.50	2.76	7.26	18.000	**OK**	0.532	0.575	3.811	3.594		2.067
	Grade		2071+20.00	HB45	1571.85	77.70	1.12%	0.00	1570.98	0.00	1.12%	0.00	1570.98	HB45	-0.0160	0.9360	0.0000	2.067	2.103	**Right**	HB45	12.00	0.00	4.50	3.26	7.76	18.000	**OK**	0.555	0.614	3.687	3.424		2.103
	Grade		2071+25.00	HB45	1571.75	77.50	1.10%	0.00	1570.90	0.00	1.10%	0.00	1570.90	HB45	-0.0160	0.9449	0.0000	2.103	2.139	**Right**	HB45	12.00	0.00	4.50	3.42	7.92	18.000	**OK**	0.560	0.624	3.708	3.427		2.139
	Grade		2071+30.00	HB45	1571.64	77.30	1.08%	0.00	1570.81	0.00	1.08%	0.00	1570.81	HB45	-0.0180	0.9538	0.0000	2.139	2.174	**Right**	HB45	12.00	0.00	4.50	3.22	7.72	18.000	**OK**	0.547	0.603	3.876	3.609		2.174
	Grade		2071+35.00	HB45	1571.55	77.10	1.06%	0.00	1570.73	0.00	1.06%	0.00	1570.73	HB45	-0.0160	0.9627	0.0000	2.174	2.210	**Right**	HB45	12.00	0.00	4.50	3.76	8.26	18.000	**OK**	0.569	0.644	3.747	3.432		2.210
	Grade		2071+40.00	HB45	1571.45	76.90	1.04%	0.00	1570.65	0.00	1.04%	0.00	1570.65	HB45	-0.0160	0.9715	0.0000	2.210	2.245	**Right**	HB45	12.00	0.00	4.50	3.93	8.43	18.000	**OK**	0.574	0.654	3.766	3.433		2.245
	Grade		2071+45.00	HB45	1571.35	76.70	1.02%	0.00	1570.57	0.00	1.02%	0.00	1570.57	HB45	-0.0160	0.9803	0.0000	2.245	2.281	**Right**	HB45	12.00	0.00	4.50	4.10	8.60	18.000	**OK**	0.578	0.664	3.785	3.433		2.281
	Grade		2071+50.00	HB45	1571.25	76.50	1.00%	0.00	1570.48	0.00	1.00%	0.00	1570.48	HB45	-0.0180	0.9891	0.0000	2.281	2.316	**Right**	HB45	12.00	0.00	4.50	3.89	8.39	18.000	**OK**	0.565	0.640	3.956	3.617		2.316
	Grade		2071+55.00	HB45	1571.15	76.30	0.98%	0.00	1570.40	0.00	0.98%	0.00	1570.40	HB45	-0.0160	0.9979	0.0000	2.316	2.351	**Right**	HB45	12.00	0.00	4.50	4.47	8.97	18.000	**OK**	0.587	0.685	3.820	3.432		2.351
	Grade		2071+60.00	HB45	1571.05	76.10	0.96%	0.00	1570.32	0.00	0.96%	0.00	1570.32	HB45	-0.0160	1.0067	0.0000	2.351	2.386	**Right**	HB45	12.00	0.00	4.50	4.66	9.16	18.000	**OK**	0.591	0.696	3.838	3.430		2.386
	Grade		2071+65.00	HB45	1570.94	75.90	0.94%	0.00	1570.23	0.00	0.94%	0.00	1570.23	HB45	-0.0180	1.0154	0.0000	2.386	2.421	**Right**	HB45	12.00	0.00	4.50	4.43	8.93	18.000	**OK**	0.578	0.670	4.011	3.613		2.421
	Grade		2071+70.00	HB45	1570.85	75.70	0.92%	0.00	1570.15	0.00	0.92%	0.00	1570.15	HB45	-0.0160	1.0241	0.0000	2.421	2.456	**Right**	HB45	12.00	0.00	4.50	5.06	9.56	18.000	**OK**	0.600	0.717	3.871	3.423		2.456
	Grade		2071+75.00	HB45	1570.75	75.50	0.90%	0.00	1570.07	0.00	0.90%	0.00	1570.07	HB45	-0.0160	1.0328	0.0000	2.456	2.491	**Right**	HB45	12.00	0.00	4.50	5.27	9.77	18.000	**OK**	0.604	0.729	3.887	3.419		2.491

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2071+80.00	HB45	1570.64	75.30	0.88%	0.00	1569.98	0.00	0.88%	0.00	1569.98	HB45	-0.0180	1.0414	0.0000	2.491	2.525	**Right**	HB45	12.00	0.00	4.50	5.04	9.54	18.000	**OK**	0.589	0.701	4.062	3.603		2.525
	Grade		2071+85.00	HB45	1570.55	75.10	0.86%	0.00	1569.90	0.00	0.86%	0.00	1569.90	HB45	-0.0160	1.0500	0.0000	2.525	2.560	**Right**	HB45	12.00	0.00	4.50	5.71	10.21	18.000	**OK**	0.611	0.751	3.917	3.407		2.560
	Grade		2071+90.00	HB45	1570.45	74.90	0.84%	0.00	1569.82	0.00	0.84%	0.00	1569.82	HB45	-0.0160	1.0587	0.0000	2.560	2.594	**Right**	HB45	12.00	0.00	4.50	5.94	10.44	18.000	**OK**	0.615	0.763	3.931	3.400		2.594
	Grade		2071+95.00	HB45	1570.35	74.70	0.82%	0.00	1569.74	0.00	0.82%	0.00	1569.74	HB45	-0.0160	1.0672	0.0000	2.594	2.629	**Right**	HB45	12.00	0.00	4.50	6.18	10.68	18.000	**OK**	0.618	0.775	3.945	3.393		2.629
	Sag		2072+00.00	HB45	1570.25	74.50	0.80%	0.00	1569.65	0.00	0.80%	0.00	1569.65	HB45	-0.0180	1.0758	0.0000	2.663	2.697	**Right**	HB45	12.00	0.00	4.50	6.04	10.54	18.000	**OK**	0.608	0.754	4.140	3.579		2.697
	Crest		2072+05.00	HB45	1570.23	74.30	0.78%	0.00	1569.65	0.00	0.78%	0.00	1569.65	HB45	0.0000	0.0000	0.0000	0.000	0.034	**Right**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.034
	Grade		2072+10.00	HB45	1570.13	74.10	0.76%	0.00	1569.57	0.00	0.76%	0.00	1569.57	HB45	-0.0160	0.0085	0.0000	0.034	0.068	**Right**	HB45	12.00	0.00	2.23	0.00	2.23	18.000	**OK**	0.050	0.050	1.372	1.372		0.068
	Grade		2072+15.00	HB45	1570.04	73.90	0.74%	0.00	1569.49	0.00	0.74%	0.00	1569.49	HB45	-0.0160	0.0170	0.0000	0.068	0.102	**Right**	HB45	12.00	0.00	2.60	0.00	2.60	18.000	**OK**	0.068	0.068	1.517	1.517		0.102
	Grade		2072+20.00	HB45	1569.94	73.70	0.72%	0.00	1569.41	0.00	0.72%	0.00	1569.41	HB45	-0.0160	0.0255	0.0000	0.102	0.136	**Right**	HB45	12.00	0.00	2.89	0.00	2.89	18.000	**OK**	0.084	0.084	1.630	1.630		0.136
	Grade		2072+25.00	HB45	1569.84	73.50	0.70%	0.00	1569.33	0.00	0.70%	0.00	1569.33	HB45	-0.0160	0.0339	0.0000	0.136	0.170	**Right**	HB45	12.00	0.00	3.14	0.00	3.14	18.000	**OK**	0.099	0.099	1.723	1.723		0.170
	Grade		2072+30.00	HB45	1569.75	73.30	0.68%	0.00	1569.25	0.00	0.68%	0.00	1569.25	HB45	-0.0160	0.0424	0.0000	0.170	0.204	**Right**	HB45	12.00	0.00	3.36	0.00	3.36	18.000	**OK**	0.113	0.113	1.803	1.803		0.204
	Grade		2072+35.00	HB45	1569.65	73.10	0.66%	0.00	1569.17	0.00	0.66%	0.00	1569.17	HB45	-0.0160	0.0508	0.0000	0.204	0.238	**Right**	HB45	12.00	0.00	3.56	0.00	3.56	18.000	**OK**	0.127	0.127	1.873	1.873		0.238
	Grade		2072+40.00	HB45	1569.56	72.90	0.64%	0.00	1569.09	0.00	0.64%	0.00	1569.09	HB45	-0.0160	0.0591	0.0000	0.238	0.271	**Right**	HB45	12.00	0.00	3.74	0.00	3.74	18.000	**OK**	0.140	0.140	1.936	1.936		0.271
	Grade		2072+45.00	HB45	1569.46	72.70	0.62%	0.00	1569.01	0.00	0.62%	0.00	1569.01	HB45	-0.0160	0.0675	0.0000	0.271	0.305	**Right**	HB45	12.00	0.00	3.91	0.00	3.91	18.000	**OK**	0.153	0.153	1.993	1.993		0.305
	Grade		2072+50.00	HB45	1569.37	72.50	0.60%	0.00	1568.93	0.00	0.60%	0.00	1568.93	HB45	-0.0160	0.0758	0.0000	0.305	0.338	**Right**	HB45	12.00	0.00	4.07	0.00	4.07	18.000	**OK**	0.165	0.165	2.046	2.046		0.338
	Grade		2072+55.00	HB45	1569.28	72.45	0.58%	0.00	1568.86	0.00	0.58%	0.00	1568.86	HB45	-0.0140	0.0841	0.0000	0.338	0.372	**Right**	HB45	12.00	0.00	4.32	0.00	4.32	18.000	**OK**	0.187	0.187	1.992	1.992		0.372
	Grade		2072+60.00	HB45	1569.19	72.40	0.56%	0.00	1568.78	0.00	0.56%	0.00	1568.78	HB45	-0.0160	0.0925	0.0000	0.372	0.405	**Right**	HB45	12.00	0.00	4.35	0.00	4.35	18.000	**OK**	0.189	0.189	2.140	2.140		0.405
	Grade		2072+65.00	HB45	1569.10	72.35	0.54%	0.00	1568.71	0.00	0.54%	0.00	1568.71	HB45	-0.0140	0.1008	0.0000	0.405	0.438	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.211	0.211	2.077	2.077		0.438
	Grade		2072+70.00	HB45	1569.01	72.30	0.52%	0.00	1568.63	0.00	0.52%	0.00	1568.63	HB45	-0.0160	0.1091	0.0000	0.438	0.471	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.212	0.212	2.224	2.224		0.471
	Grade		2072+75.00	HB45	1568.92	72.25	0.50%	0.00	1568.56	0.00	0.50%	0.00	1568.56	HB45	-0.0140	0.1174	0.0000	0.471	0.505	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.234	0.234	2.160	2.160		0.505
	Grade		2072+80.00	HB45	1568.84	72.20	0.48%	0.00	1568.49	0.00	0.48%	0.00	1568.49	HB45	-0.0140	0.1257	0.0000	0.505	0.538	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.244	0.244	2.201	2.201		0.538
	Grade		2072+85.00	HB45	1568.74	72.15	0.46%	0.00	1568.41	0.00	0.46%	0.00	1568.41	HB45	-0.0160	0.1339	0.0000	0.538	0.571	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.243	0.243	2.349	2.349		0.571
	Grade		2072+90.00	HB45	1568.66	72.10	0.44%	0.00	1568.34	0.00	0.44%	0.00	1568.34	HB45	-0.0140	0.1422	0.0000	0.571	0.604	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.265	0.265	2.282	2.282		0.604
	Grade		2072+95.00	HB45	1568.57	72.05	0.42%	0.00	1568.27	0.00	0.42%	0.00	1568.27	HB45	-0.0140	0.1505	0.0000	0.604	0.638	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.275	0.275	2.322	2.322		0.638
	Grade	3	2073+00.00	HB45	1568.49	72.00	0.40%	0.00	1568.20	0.00	0.40%	0.00	1568.20	HB45	-0.0140	0.1588	0.0000	0.638	0.671	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	2.360	2.360	3	0.671
	Grade		2073+05.00	HB45	1568.40	71.98	0.38%	0.00	1568.13	0.00	0.38%	0.00	1568.13	HB45	-0.0140	0.1670	0.0000	0.000	0.033	**Right**	HB45	12.00	0.00	1.74	0.00	1.74	18.000	**OK**	0.030	0.030	1.088	1.088		0.033
	Grade		2073+10.00	HB45	1568.33	71.97	0.36%	0.00	1568.07	0.00	0.36%	0.00	1568.07	HB45	-0.0120	0.1753	0.0000	0.033	0.066	**Right**	HB45	12.00	0.00	2.33	0.00	2.33	18.000	**OK**	0.054	0.054	1.222	1.222		0.066
	Grade		2073+15.00	HB45	1568.24	71.95	0.34%	0.00	1568.00	0.00	0.34%	0.00	1568.00	HB45	-0.0140	0.1835	0.0000	0.066	0.099	**Right**	HB45	12.00	0.00	2.63	0.00	2.63	18.000	**OK**	0.069	0.069	1.432	1.432		0.099
	Grade		2073+20.00	HB45	1568.16	71.93	0.32%	0.00	1567.93	0.00	0.32%	0.00	1567.93	HB45	-0.0140	0.1918	0.0000	0.099	0.132	**Right**	HB45	12.00	0.00	2.93	0.00	2.93	18.000	**OK**	0.086	0.086	1.539	1.539		0.132
	Grade		2073+25.00	HB45	1568.08	71.92	0.30%	0.00	1567.86	0.00	0.30%	0.00	1567.86	HB45	-0.0140	0.2001	0.0000	0.132	0.166	**Right**	HB45	12.00	0.00	3.19	0.00	3.19	18.000	**OK**	0.102	0.102	1.627	1.627		0.166
	Grade		2073+30.00	HB45	1568.00	71.90	0.28%	0.00	1567.80	0.00	0.28%	0.00	1567.80	HB45	-0.0120	0.2083	0.0000	0.166	0.199	**Right**	HB45	12.00	0.00	3.52	0.00	3.52	18.000	**OK**	0.124	0.124	1.608	1.608		0.199
	Grade		2073+35.00	HB45	1567.92	71.88	0.26%	0.00	1567.73	0.00	0.26%	0.00	1567.73	HB45	-0.0140	0.2166	0.0000	0.199	0.232	**Right**	HB45	12.00	0.00	3.62	0.00	3.62	18.000	**OK**	0.131	0.131	1.770	1.770		0.232
	Grade		2073+40.00	HB45	1567.84	71.87	0.24%	0.00	1567.67	0.00	0.24%	0.00	1567.67	HB45	-0.0120	0.2248	0.0000	0.232	0.265	**Right**	HB45	12.00	0.00	3.92	0.00	3.92	18.000	**OK**	0.153	0.153	1.727	1.727		0.265
	Grade		2073+45.00	HB45	1567.77	71.85	0.22%	0.00	1567.61	0.00	0.22%	0.00	1567.61	HB45	-0.0120	0.2331	0.0000	0.265	0.298	**Right**	HB45	12.00	0.00	4.09	0.00	4.09	18.000	**OK**	0.167	0.167	1.779	1.779		0.298
	Grade		2073+50.00	HB45	1567.68	71.83	0.20%	0.00	1567.54	0.00	0.20%	0.00	1567.54	HB45	-0.0140	0.2413	0.0000	0.298	0.331	**Right**	HB45	12.00	0.00	4.14	0.00	4.14	18.000	**OK**	0.171	0.171	1.935	1.935		0.331
	Grade		2073+55.00	HB45	1567.61	71.82	0.18%	0.00	1567.48	0.00	0.18%	0.00	1567.48	HB45	-0.0120	0.2496	0.0000	0.331	0.364	**Right**	HB45	12.00	0.00	4.41	0.00	4.41	18.000	**OK**	0.195	0.195	1.870	1.870		0.364
	Grade		2073+60.00	HB45	1567.53	71.80	0.16%	0.00	1567.42	0.00	0.16%	0.00	1567.42	HB45	-0.0120	0.2578	0.0000	0.364	0.397	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.208	0.208	1.912	1.912		0.397
	Grade		2073+65.00	HB45	1567.46	71.78	0.14%	0.00	1567.36	0.00	0.14%	0.00	1567.36	HB45	-0.0120	0.2660	0.0000	0.397	0.430	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.220	0.220	1.953	1.953		0.430
	Grade		2073+70.00	HB45	1567.39	71.77	0.12%	0.00	1567.30	0.00	0.12%	0.00	1567.30	HB45	-0.0120	0.2743	0.0000	0.430	0.463	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.232	0.232	1.995	1.995		0.463
	Grade		2073+75.00	HB45	1567.31	71.75	0.10%	0.00	1567.24	0.00	0.10%	0.00	1567.24	HB45	-0.0120	0.2825	0.0000	0.463	0.496	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.244	0.244	2.036	2.036		0.496
Super Trans	Grade		2073+80.00	HB45	1567.24	71.73	0.08%	0.00	1567.18	0.00	0.08%	0.00	1567.18	HB45	-0.0120	0.2907	0.0000	0.496	0.529	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.255	0.255	2.076	2.076		0.529
Super Trans	Grade		2073+85.00	HB45	1567.16	71.72	0.06%	0.00	1567.12	0.00	0.06%	0.00	1567.12	HB45	-0.0120	0.2990	0.0000	0.529	0.562	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.266	0.266	2.116	2.116		0.562
Super Trans	Grade		2073+90.00	HB45	1567.10	71.70	0.04%	0.00	1567.07	0.00	0.04%	0.00	1567.07	HB45	-0.0100	0.3072	0.0000	0.562	0.595	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.294	0.294	2.027	2.027		0.595
Super Trans	Grade		2073+95.00	HB45	1567.02	71.68	0.02%	0.00	1567.01	0.00	0.02%	0.00	1567.01	HB45	-0.0120	0.3154	0.0000	0.595	0.628	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.286	0.286	2.194	2.194		0.628
Super Trans	Grade		2074+00.00	HB45	1566.95	71.67	0.00%	0.00	1566.95	0.00	0.00%	0.00	1566.95	HB45	-0.0120	0.3237	0.0000	0.628	0.661	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.296	0.296	2.231	2.231		0.661
Super Trans	Grade		2074+05.00	HB45	1566.88	71.65	-0.03%	0.00	1566.90	0.00	-0.03%	0.00	1566.90	HB45	-0.0100	0.3319	0.0000	0.661	0.694	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.325	0.325	2.136	2.136		0.694
Super Trans	Grade		2074+10.00	HB45	1566.80	71.63	-0.05%	0.00	1566.84	0.00	-0.05%	0.00	1566.84	HB45	-0.0120	0.3401	0.0000	0.694	0.727	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.316	0.316	2.304	2.304		0.727
Super Trans	Grade		2074+15.00	HB45	1566.74	71.62	-0.08%	0.00	1566.79	0.00	-0.08%	0.00	1566.79	HB45	-0.0100	0.3483	0.0000	0.727	0.760	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.345	0.345	2.205	2.205		0.760
	Grade		2074+20.00	HB45	1566.67	71.60	-0.10%	0.00	1566.74	0.00	-0.10%	0.00	1566.74	HB45	-0.0100	0.3566	0.0000	0.760	0.793	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.354	0.354	2.239	2.239		0.793
	Grade		2074+25.00	HB45	1566.59	71.58	-0.13%	0.00	1566.68	0.00	-0.13%	0.00	1566.68	HB45	-0.0120	0.3648	0.0000	0.793	0.826	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	2.409	2.409		0.826
	Grade		2074+30.00	HB45	1566.52	71.57	-0.15%	0.00	1566.63	0.00	-0.15%	0.00	1566.63	HB45	-0.0100	0.3730	0.0000	0.826	0.859	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	2.303	2.303		0.859
	Grade		2074+35.00	HB45	1566.45	71.55	-0.18%	0.00	1566.58	0.00	-0.18%	0.00	1566.58	HB45	-0.0100	0.3812	0.0000	0.859	0.892	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	2.335	2.335		0.892
	Grade		2074+40.00	HB45	1566.39	71.53	-0.20%	0.00	1566.53	0.00	-0.20%	0.00	1566.53	HB45	-0.0100	0.3894	0.0000	0.892	0.925	**Left**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.391	0.391	2.366	2.366		0.925
	Grade		2074+45.00	HB45	1566.32	71.52	-0.23%	0.00	1566.48	0.00	-0.23%	0.00	1566.48	HB45	-0.0100	0.3976	0.0000	0.925	0.958	**Left**	HB45	12.00	0.00	4.50	0.95	5.45	18.000	**OK**	0.400	0.401	2.396	2.390		0.958
	Grade		2074+50.00	HB45	1566.25	71.50	-0.25%	0.00	1566.43	0.00	-0.25%	0.00	1566.43	HB45	-0.0100	0.4058	0.0000	0.958	0.991	**Left**	HB45	12.00	0.00	4.50	1.61	6.11	18.000	**OK**	0.408	0.411	2.425	2.407		0.991
	Grade		2074+55.00	HB45	1566.19	71.48	-0.28%	0.00	1566.39	0.00	-0.28%	0.00	1566.39	HB45	-0.0080	0.4140	0.0000	0.991	1.023	**Left**	HB45	12.00	0.00	4.50	4.42	8.92	18.000	**OK**	0.445	0.472	2.281	2.170		1.023
	Grade		2074+60.00	HB45	1566.13	71.47	-0.30%	0.00	1566.34	0.00	-0.30%	0.00	1566.34	HB45	-0.0100	0.4222	0.0000	1.023	1.056	**Left**	HB45	12.00	0.00	4.50	2.56	7.06	18.000	**OK**	0.425	0.434	2.482	2.432		1.056
	Grade		2074+65.00	HB45	1566.06	71.45	-0.33%	0.00	1566.29	0.00	-0.33%	0.00	1566.29	HB45	-0.0100	0.4304	0.0000	1.056	1.089	**Left**	HB45	12.00	0.00	4.50	2.90	7.40	18.000	**OK**	0.432	0.446	2.509	2.441		1.089
	Grade		2074+70.00	HB45	1566.00	71.43	-0.35%	0.00	1566.25	0.00	-0.35%	0.00	1566.25	HB45	-0.0080	0.4386	0.0000	1.089	1.122	**Left**	HB45	12.00	0.00	4.50	5.00	9.50	18.000	**OK**	0.469	0.513	2.354	2.189		1.122
	Grade		2074+75.00	HB45	1565.93	71.42	-0.38%	0.00	1566.20	0.00	-0.38%	0.00	1566.20	HB45	-0.0100	0.4468	0.0000	1.122	1.155	**Left**	HB45	12.00	0.00	4.50	3.42	7.92	18.000	**OK**	0.448	0.470	2.560	2.459		1.155
	Grade		2074+80.00	HB45	1565.87	71.40	-0.40%	0.00	1566.16	0.00	-0.40%	0.00	1566.16	HB45	-0.0080	0.4550	0.0000	1.155	1.188	**Left**	HB45	12.00	0.00	4.50	5.23	9.73	18.000	**OK**	0.484	0.539	2.400	2.204		1.188
	Grade		2074+85.00	HB45	1565.81	71.38	-0.43%	0.00	1566.11	0.00	-0.43%	0.00	1566.11	HB45	-0.0100	0.4632	0.0000	1.188	1.221	**Left**	HB45	12.00	0.00	4.50	3.79	8.29	18.000	**OK**	0.462	0.493	2.610	2.476		1.221
	Grade		2074+90.00	HB45	1565.75	71.37	-0.45%	0.00	1566.07	0.00	-0.45%	0.00	1566.07	HB45	-0.0080	0.4714	0.0000	1.221	1.253	**Left**	HB45	12.00	0.00	4.50	5.38	9.88	18.000	**OK**	0.499	0.564	2.444	2.222		1.253
	Grade		2074+95.00	HB45	1565.69	71.35	-0.48%	0.00	1566.03	0.00	-0.48%	0.00	1566.03	HB45	-0.0080	0.4796	0.0000	1.253	1.286	**Left**	HB45	12.00	0.00	4.50	5.44	9.94	18.000	**OK**	0.506	0.576	2.465	2.232		1.286
	Grade	3	2075+00.00	HB45	1565.63	71.33	-0.50%	0.00	1565.99	0.00	-0.50%	0.00	1565.99	HB45	-0.0080	0.4878	0.0000	1.286	1.319	**Left**	HB45	12.00	0.00	4.50	5.48	9.98	18.000	**OK**	0.513	0.588	2.486	2.242	3	1.319
	Grade		2075+05.00	HB45	1565.57	71.32	-0.53%	0.00	1565.94	0.00	-0.53%	0.00	1565.94	HB45	-0.0100	0.4960	0.0000	0.043	0.076	**Left**	HB45	12.00	0.00	2.54	0.00	2.54	18.000	**OK**	0.065	0.065	1.182	1.182		0.076
	Grade		2075+10.00	HB45	1565.51	71.30	-0.55%	0.00	1565.90	0.00	-0.55%	0.00	1565.90	HB45	-0.0080	0.5042	0.0000	0.076	0.109	**Left**	HB45	12.00	0.00	3.03	0.00	3.03	18.000	**OK**	0.092	0.092	1.189	1.189		0.109
	Grade		2075+15.00	HB45	1565.45	71.28	-0.58%	0.00	1565.86	0.00	-0.58%	0.00	1565.86	HB45	-0.0080	0.5124	0.0000	0.109	0.142	**Left**	HB45	12.00	0.00	3.34	0.00	3.34	18.000	**OK**	0.112	0.112	1.269	1.269		0.142
	Grade		2075+20.00	HB45	1565.40	71.27	-0.60%	0.00	1565.83	0.00	-0.60%	0.00	1565.83	HB45	-0.0060	0.5205	0.0000	0.142	0.175	**Left**	HB45	12.00	0.00	3.81	0.00	3.81	18.000	**OK**	0.146	0.146	1.200	1.200		0.175
	Grade		2075+25.00	HB45	1565.34	71.25	-0.63%	0.00	1565.79	0.00	-0.63%	0.00	1565.79	HB45	-0.0080	0.5287	0.0000	0.175	0.207	**Left**	HB45	12.00	0.00	3.86	0.00	3.86	18.000	**OK**	0.149	0.149	1.396	1.396		0.207
	Grade		2075+30.00	HB45	1565.29	71.23	-0.65%	0.00	1565.75	0.00	-0.65%	0.00	1565.75	HB45	-0.0080	0.5369	0.0000	0.207	0.240	**Left**	HB45	12.00	0.00	4.07	0.00	4.07	18.000	**OK**	0.166	0.166	1.448	1.448		0.240

Alignment:	Grade or Sag		Station	Left C&G	Left EOP	Left EOP	Left	Left LS	PGL	Right LS	Right	Right EOP	Right EOP	Right C&G	Long.	Paved	Unpaved	Carryover	Cumul. Flow																		
		Sta Incr(ft): >>	5.00	Style	Elev	Offset	X-Slope	Width	Elev	Width	X-Slope	Offset	Elev	Style	Slope, S_L	Area	Area	$Q_{Carryover}$	$Q_{cumulative}$	Flow on Which Side?	Curb	Shldr Width	T1	T2	T3	**Total T**	Allowable Spread, Ta	T < Ta	Aw	A	Vw	V	Catch Basin	Total Q at CP
		CB Type			(ft)	(ft)	(%)	(ft)	(ft)	(ft)	(%)	(ft)	(ft)		(ft/ft)	(acre)	(acre)	(cfs)	(cfs)	(Left/Right)	Type (code)	(ft)				**(ft)**	(ft)		(sq ft)	(sq ft)	(fps)	(fps)		(cfs)
	Grade		2075+35.00	HB45	1565.23	71.22	-0.68%	0.00	1565.71	0.00	-0.68%	0.00	1565.71	HB45	-0.0080	0.5451	0.0000	0.240	0.273	**Left**	HB45	12.00	0.00	4.27	0.00	4.27	18.000	**OK**	0.183	0.183	1.495	1.495		0.273
	Grade		2075+40.00	HB45	1565.18	71.20	-0.70%	0.00	1565.68	0.00	-0.70%	0.00	1565.68	HB45	-0.0060	0.5532	0.0000	0.273	0.306	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.221	0.221	1.383	1.383		0.306
	Grade		2075+45.00	HB45	1565.12	71.18	-0.73%	0.00	1565.64	0.00	-0.73%	0.00	1565.64	HB45	-0.0080	0.5614	0.0000	0.306	0.339	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.214	0.214	1.579	1.579		0.339
	Grade		2075+50.00	HB45	1565.08	71.17	-0.75%	0.00	1565.61	0.00	-0.75%	0.00	1565.61	HB45	-0.0060	0.5696	0.0000	0.339	0.371	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.254	0.254	1.465	1.465		0.371
	Grade		2075+55.00	HB45	1565.02	71.15	-0.78%	0.00	1565.57	0.00	-0.78%	0.00	1565.57	HB45	-0.0080	0.5778	0.0000	0.371	0.404	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.243	0.243	1.661	1.661		0.404
	Grade		2075+60.00	HB45	1564.97	71.13	-0.80%	0.00	1565.54	0.00	-0.80%	0.00	1565.54	HB45	-0.0060	0.5859	0.0000	0.404	0.437	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.283	0.283	1.543	1.543		0.437
	Grade		2075+65.00	HB45	1564.92	71.12	-0.83%	0.00	1565.51	0.00	-0.83%	0.00	1565.51	HB45	-0.0060	0.5941	0.0000	0.437	0.470	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.297	0.297	1.580	1.580		0.470
	Grade		2075+70.00	HB45	1564.88	71.10	-0.85%	0.00	1565.48	0.00	-0.85%	0.00	1565.48	HB45	-0.0060	0.6022	0.0000	0.470	0.502	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.311	0.311	1.617	1.617		0.502
	Grade		2075+75.00	HB45	1564.82	71.08	-0.88%	0.00	1565.44	0.00	-0.88%	0.00	1565.44	HB45	-0.0080	0.6104	0.0000	0.502	0.535	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.295	0.295	1.816	1.816		0.535
	Grade		2075+80.00	HB45	1564.77	71.07	-0.90%	0.00	1565.41	0.00	-0.90%	0.00	1565.41	HB45	-0.0060	0.6186	0.0000	0.535	0.568	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.337	0.337	1.686	1.686		0.568
	Grade		2075+85.00	HB45	1564.72	71.05	-0.93%	0.00	1565.38	0.00	-0.93%	0.00	1565.38	HB45	-0.0060	0.6267	0.0000	0.568	0.600	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.349	0.349	1.720	1.720		0.600
	Grade		2075+90.00	HB45	1564.69	71.03	-0.95%	0.00	1565.36	0.00	-0.95%	0.00	1565.36	HB45	-0.0040	0.6349	0.0000	0.600	0.633	**Left**	HB45	12.00	0.00	4.50	0.49	4.99	18.000	**OK**	0.411	0.412	1.540	1.536		0.633
	Grade		2075+95.00	HB45	1564.64	71.02	-0.98%	0.00	1565.33	0.00	-0.98%	0.00	1565.33	HB45	-0.0060	0.6430	0.0000	0.633	0.666	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	1.785	1.785		0.666
	Grade		2076+00.00	HB45	1564.59	71.00	-1.00%	0.00	1565.30	0.00	-1.00%	0.00	1565.30	HB45	-0.0060	0.6512	0.0000	0.666	0.698	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.385	0.385	1.816	1.816		0.698
	Grade		2076+05.00	HB45	1564.54	71.01	-1.03%	0.00	1565.27	0.00	-1.03%	0.00	1565.27	HB45	-0.0060	0.6593	0.0000	0.698	0.731	**Left**	HB45	12.00	0.00	4.50	0.13	4.63	18.000	**OK**	0.396	0.396	1.846	1.846		0.731
	Grade		2076+10.00	HB45	1564.50	71.01	-1.05%	0.00	1565.25	0.00	-1.05%	0.00	1565.25	HB45	-0.0040	0.6675	0.0000	0.731	0.764	**Left**	HB45	12.00	0.00	4.50	1.51	6.01	18.000	**OK**	0.461	0.473	1.648	1.614		0.764
	Grade		2076+15.00	HB45	1564.46	71.02	-1.08%	0.00	1565.22	0.00	-1.08%	0.00	1565.22	HB45	-0.0060	0.6756	0.0000	0.764	0.796	**Left**	HB45	12.00	0.00	4.50	0.58	5.08	18.000	**OK**	0.418	0.420	1.905	1.897		0.796
	Grade		2076+20.00	HB45	1564.42	71.03	-1.10%	0.00	1565.20	0.00	-1.10%	0.00	1565.20	HB45	-0.0040	0.6838	0.0000	0.796	0.829	**Left**	HB45	12.00	0.00	4.50	1.91	6.41	18.000	**OK**	0.484	0.504	1.698	1.644		0.829
	Grade		2076+25.00	HB45	1564.37	71.03	-1.13%	0.00	1565.17	0.00	-1.13%	0.00	1565.17	HB45	-0.0060	0.6919	0.0000	0.829	0.862	**Left**	HB45	12.00	0.00	4.50	0.97	5.47	18.000	**OK**	0.439	0.444	1.960	1.940		0.862
	Grade		2076+30.00	HB45	1564.33	71.04	-1.15%	0.00	1565.15	0.00	-1.15%	0.00	1565.15	HB45	-0.0040	0.7001	0.0000	0.862	0.895	**Left**	HB45	12.00	0.00	4.50	2.25	6.75	18.000	**OK**	0.506	0.536	1.744	1.670		0.895
	Grade		2076+35.00	HB45	1564.30	71.04	-1.18%	0.00	1565.13	0.00	-1.18%	0.00	1565.13	HB45	-0.0040	0.7082	0.0000	0.895	0.927	**Left**	HB45	12.00	0.00	4.50	2.40	6.90	18.000	**OK**	0.517	0.551	1.766	1.683		0.927
	Grade		2076+40.00	HB45	1564.25	71.05	-1.20%	0.00	1565.10	0.00	-1.20%	0.00	1565.10	HB45	-0.0060	0.7164	0.0000	0.927	0.960	**Left**	HB45	12.00	0.00	4.50	1.46	5.96	18.000	**OK**	0.469	0.481	2.038	1.994		0.960
	Grade		2076+45.00	HB45	1564.21	71.06	-1.23%	0.00	1565.08	0.00	-1.23%	0.00	1565.08	HB45	-0.0040	0.7246	0.0000	0.960	0.993	**Left**	HB45	12.00	0.00	4.50	2.68	7.18	18.000	**OK**	0.538	0.582	1.809	1.706		0.993
	Grade		2076+50.00	HB45	1564.17	71.06	-1.25%	0.00	1565.06	0.00	-1.25%	0.00	1565.06	HB45	-0.0040	0.7327	0.0000	0.993	1.025	**Left**	HB45	12.00	0.00	4.50	2.80	7.30	18.000	**OK**	0.548	0.597	1.830	1.718		1.025
	Grade		2076+55.00	HB45	1564.13	71.07	-1.28%	0.00	1565.04	0.00	-1.28%	0.00	1565.04	HB45	-0.0040	0.7409	0.0000	1.025	1.058	**Left**	HB45	12.00	0.00	4.50	2.92	7.42	18.000	**OK**	0.557	0.612	1.850	1.729		1.058
	Grade		2076+60.00	HB45	1564.10	71.08	-1.30%	0.00	1565.02	0.00	-1.30%	0.00	1565.02	HB45	-0.0040	0.7490	0.0000	1.058	1.091	**Left**	HB45	12.00	0.00	4.50	3.03	7.53	18.000	**OK**	0.567	0.627	1.869	1.740		1.091
	Grade		2076+65.00	HB45	1564.07	71.08	-1.33%	0.00	1565.01	0.00	-1.33%	0.00	1565.01	HB45	-0.0020	0.7572	0.0000	1.091	1.123	**Left**	HB45	12.00	0.00	4.50	5.06	9.56	18.000	**OK**	0.692	0.861	1.497	1.304		1.123
	Grade		2076+70.00	HB45	1564.03	71.09	-1.35%	0.00	1564.99	0.00	-1.35%	0.00	1564.99	HB45	-0.0040	0.7653	0.0000	1.123	1.156	**Left**	HB45	12.00	0.00	4.50	3.22	7.72	18.000	**OK**	0.586	0.656	1.908	1.762		1.156
	Grade		2076+75.00	HB45	1563.99	71.09	-1.38%	0.00	1564.97	0.00	-1.38%	0.00	1564.97	HB45	-0.0040	0.7735	0.0000	1.156	1.189	**Left**	HB45	12.00	0.00	4.50	3.31	7.81	18.000	**OK**	0.595	0.671	1.926	1.773		1.189
	Grade		2076+80.00	HB45	1563.96	71.10	-1.40%	0.00	1564.96	0.00	-1.40%	0.00	1564.96	HB45	-0.0020	0.7817	0.0000	1.189	1.222	**Left**	HB45	12.00	0.00	4.50	5.29	9.79	18.000	**OK**	0.723	0.919	1.540	1.330		1.222
	Grade		2076+85.00	HB45	1563.93	71.11	-1.43%	0.00	1564.94	0.00	-1.43%	0.00	1564.94	HB45	-0.0040	0.7898	0.0000	1.222	1.254	**Left**	HB45	12.00	0.00	4.50	3.48	7.98	18.000	**OK**	0.613	0.699	1.962	1.794		1.254
	Grade		2076+90.00	HB45	1563.89	71.11	-1.45%	0.00	1564.92	0.00	-1.45%	0.00	1564.92	HB45	-0.0040	0.7980	0.0000	1.254	1.287	**Left**	HB45	12.00	0.00	4.50	3.55	8.05	18.000	**OK**	0.622	0.713	1.980	1.805		1.287
	Grade		2076+95.00	HB45	1563.86	71.12	-1.48%	0.00	1564.91	0.00	-1.48%	0.00	1564.91	HB45	-0.0020	0.8062	0.0000	1.287	1.320	**Left**	HB45	12.00	0.00	4.50	5.47	9.97	18.000	**OK**	0.753	0.974	1.581	1.355		1.320
	Grade	3	2077+00.00	HB45	1563.83	71.13	-1.50%	0.00	1564.90	0.00	-1.50%	0.00	1564.90	HB45	-0.0020	0.8143	0.0000	1.320	1.352	**Left**	HB45	12.00	0.00	4.50	5.52	10.02	18.000	**OK**	0.763	0.992	1.594	1.364	3	1.352
	Grade		2077+05.00	HB45	1563.80	71.13	-1.53%	0.00	1564.88	0.00	-1.53%	0.00	1564.88	HB45	-0.0040	0.8225	0.0000	0.153	0.186	**Left**	HB45	12.00	0.00	4.21	0.00	4.21	18.000	**OK**	0.177	0.177	1.047	1.047		0.186
	Grade		2077+10.00	HB45	1563.77	71.14	-1.55%	0.00	1564.87	0.00	-1.55%	0.00	1564.87	HB45	-0.0020	0.8306	0.0000	0.186	0.218	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.257	0.257	0.851	0.851		0.218
	Grade		2077+15.00	HB45	1563.74	71.14	-1.58%	0.00	1564.86	0.00	-1.58%	0.00	1564.86	HB45	-0.0020	0.8388	0.0000	0.218	0.251	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.282	0.282	0.889	0.889		0.251
	Grade		2077+20.00	HB45	1563.71	71.15	-1.60%	0.00	1564.85	0.00	-1.60%	0.00	1564.85	HB45	-0.0020	0.8470	0.0000	0.251	0.284	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.306	0.306	0.927	0.927		0.284
	Grade		2077+25.00	HB45	1563.68	71.16	-1.63%	0.00	1564.84	0.00	-1.63%	0.00	1564.84	HB45	-0.0020	0.8551	0.0000	0.284	0.317	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.329	0.329	0.962	0.962		0.317
	Grade		2077+30.00	HB45	1563.66	71.16	-1.65%	0.00	1564.83	0.00	-1.65%	0.00	1564.83	HB45	-0.0020	0.8633	0.0000	0.317	0.349	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.351	0.351	0.996	0.996		0.349
	Sag		2077+35.00	HB45	1563.63	71.17	-1.68%	0.00	1564.82	0.00	-1.68%	0.00	1564.82	HB45	-0.0020	0.8715	0.0000	0.382	0.415	**Left**	HB45	12.00	0.00	4.50	0.02	4.52	18.000	**OK**	0.392	0.392	1.059	1.059		0.415
	Crest		2077+40.00	HB45	1563.61	71.18	-1.70%	0.00	1564.82	0.00	-1.70%	0.00	1564.82	HB45	0.0000	0.0000	0.0000	0.000	0.033	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.033
	Grade		2077+45.00	HB45	1563.58	71.18	-1.73%	0.00	1564.81	0.00	-1.73%	0.00	1564.81	HB45	-0.0020	0.0082	0.0000	0.033	0.066	**Left**	HB45	12.00	0.00	3.24	0.00	3.24	18.000	**OK**	0.105	0.105	0.622	0.622		0.066
	Sag		2077+50.00	HB45	1563.55	71.19	-1.75%	0.00	1564.80	0.00	-1.75%	0.00	1564.80	HB45	-0.0020	0.0163	0.0000	0.098	0.131	**Left**	HB45	12.00	0.00	4.21	0.00	4.21	18.000	**OK**	0.177	0.177	0.740	0.740		0.131
	Crest		2077+55.00	HB45	1563.54	71.19	-1.78%	0.00	1564.80	0.00	-1.78%	0.00	1564.80	HB45	0.0000	0.0000	0.0000	0.000	0.033	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.033
	Sag		2077+60.00	HB45	1563.51	71.20	-1.80%	0.00	1564.79	0.00	-1.80%	0.00	1564.79	HB45	-0.0020	0.0082	0.0000	0.066	0.098	**Left**	HB45	12.00	0.00	3.78	0.00	3.78	18.000	**OK**	0.143	0.143	0.689	0.689		0.098
	Crest		2077+65.00	HB45	1563.49	71.21	-1.83%	0.00	1564.79	0.00	-1.83%	0.00	1564.79	HB45	0.0000	0.0000	0.0000	0.000	0.033	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.033
	Sag		2077+70.00	HB45	1563.46	71.21	-1.85%	0.00	1564.78	0.00	-1.85%	0.00	1564.78	HB45	-0.0020	0.0163	0.0000	0.631	0.664	**Left**	HB45	12.00	0.00	4.50	1.59	6.09	18.000	**OK**	0.523	0.546	1.257	1.216		0.664
	Grade		2077+75.00	HB45	1563.44	71.22	-1.88%	0.00	1564.78	0.00	-1.88%	0.00	1564.78	HB45	0.0000	0.0082	0.0000	0.566	0.599	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.599
	Grade	3	2077+80.00	HB45	1563.43	71.23	-1.90%	0.00	1564.78	0.00	-1.90%	0.00	1564.78	HB45	0.0000	0.0082	0.0000	0.533	0.566	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!	3	0.566
	Grade		2077+85.00	HB45	1563.41	71.23	-1.93%	0.00	1564.78	0.00	-1.93%	0.00	1564.78	HB45	0.0000	0.0082	0.0000	0.500	0.533	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.533
	Grade		2077+90.00	HB45	1563.39	71.24	-1.95%	0.00	1564.78	0.00	-1.95%	0.00	1564.78	HB45	0.0000	0.0082	0.0000	0.467	0.500	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.500
	Grade		2077+95.00	HB45	1563.37	71.24	-1.98%	0.00	1564.78	0.00	-1.98%	0.00	1564.78	HB45	0.0000	0.0082	0.0000	0.435	0.467	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.467
	Grade		2078+00.00	HB45	1563.36	71.25	-2.00%	0.00	1564.78	0.00	-2.00%	0.00	1564.78	HB45	0.0000	0.0082	0.0000	0.402	0.435	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.435
	Grade		2078+05.00	HB45	1563.35	71.26	-2.00%	0.00	1564.78	0.00	-2.00%	0.00	1564.78	HB45	0.0000	0.0082	0.0000	0.369	0.402	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.402
	Grade		2078+10.00	HB45	1563.35	71.26	-2.00%	0.00	1564.78	0.00	-2.00%	0.00	1564.78	HB45	0.0000	0.0082	0.0000	0.336	0.369	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.369
	Grade		2078+15.00	HB45	1563.35	71.27	-2.00%	0.00	1564.78	0.00	-2.00%	0.00	1564.78	HB45	0.0000	0.0164	0.0000	0.304	0.336	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.336
	Grade		2078+20.00	HB45	1563.36	71.28	-2.00%	0.00	1564.79	0.00	-2.00%	0.00	1564.79	HB45	0.0020	0.0082	0.0000	0.271	0.304	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.320	0.320	0.948	0.948		0.304
	Grade		2078+25.00	HB45	1563.36	71.28	-2.00%	0.00	1564.79	0.00	-2.00%	0.00	1564.79	HB45	0.0000	0.0164	0.0000	0.238	0.271	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.271
	Grade		2078+30.00	HB45	1563.37	71.29	-2.00%	0.00	1564.80	0.00	-2.00%	0.00	1564.80	HB45	0.0020	0.0082	0.0000	0.205	0.238	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.272	0.272	0.874	0.874		0.238
	Grade		2078+35.00	HB45	1563.37	71.29	-2.00%	0.00	1564.80	0.00	-2.00%	0.00	1564.80	HB45	0.0000	0.0246	0.0000	0.172	0.205	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.205
	Grade		2078+40.00	HB45	1563.38	71.30	-2.00%	0.00	1564.81	0.00	-2.00%	0.00	1564.81	HB45	0.0020	0.0164	0.0000	0.139	0.172	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.217	0.217	0.793	0.793		0.172
	Grade		2078+45.00	HB45	1563.39	71.31	-2.00%	0.00	1564.82	0.00	-2.00%	0.00	1564.82	HB45	0.0020	0.0082	0.0000	0.107	0.139	**Left**	HB45	12.00	0.00	4.31	0.00	4.31	18.000	**OK**	0.186	0.186	0.752	0.752		0.139
	Grade		2078+50.00	HB45	1563.39	71.31	-2.00%	0.00	1564.82	0.00	-2.00%	0.00	1564.82	HB45	0.0000	0.2623	0.0000	0.074	0.107	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.107
	Grade		2078+55.00	HB45	1563.40	71.32	-2.00%	0.00	1564.83	0.00	-2.00%	0.00	1564.83	HB45	0.0020	0.2541	0.0000	0.041	0.074	**Left**	HB45	12.00	0.00	3.39	0.00	3.39	18.000	**OK**	0.115	0.115	0.641	0.641		0.074
	Grade		2078+60.00	HB45	1563.41	71.33	-2.00%	0.00	1564.84	0.00	-2.00%	0.00	1564.84	HB45	0.0020	0.2459	0.0000	0.008	0.041	**Left**	HB45	12.00	0.00	2.72	0.00	2.72	18.000	**OK**	0.074	0.074	0.554	0.554		0.041
	Grade	3	2078+65.00	HB45	1563.42	71.33	-2.00%	0.00	1564.85	0.00	-2.00%	0.00	1564.85	HB45	0.0020	0.2377	0.0000	0.629	0.662	**Left**	HB45	12.00	0.00	4.50	1.46	5.96	18.000	**OK**	0.522	0.543	1.256	1.218	3	0.662
	Grade		2078+70.00	HB45	1563.43	71.34	-2.00%	0.00	1564.86	0.00	-2.00%	0.00	1564.86	HB45	0.0020	0.2295	0.0000	0.596	0.629	**Left**	HB45	12.00	0.00	4.50	1.29	5.79	18.000	**OK**	0.506	0.523	1.233	1.202		0.629
	Grade		2078+75.00	HB45	1563.44	71.34	-2.00%	0.00	1564.87	0.00	-2.00%	0.00	1564.87	HB45	0.0020	0.2213	0.0000	0.563	0.596	**Left**	HB45	12.00	0.00	4.50	1.12	5.62	18.000	**OK**	0.490	0.503	1.209	1.185		0.596
	Grade		2078+80.00	HB45	1563.45	71.35	-2.00%	0.00	1564.88	0.00	-2.00%	0.00	1564.88	HB45	0.0020	0.2132	0.0000	0.530	0.563	**Left**	HB45	12.00	0.00	4.50	0.93	5.43	18.000	**OK**	0.474	0.483	1.185	1.167		0.563
	Grade		2078+85.00	HB45	1563.47	71.36	-2.00%	0.00	1564.90	0.00	-2.00%	0.00	1564.90	HB45	0.0040	0.2050	0.0000	0.498	0.530	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.367	0.367	1.444	1.444		0.530

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2078+90.00	HB45	1563.48	71.36	-2.00%	0.00	1564.91	0.00	-2.00%	0.00	1564.91	HB45	0.0020	0.1968	0.0000	0.465	0.498	**Left**	HB45	12.00	0.00	4.50	0.55	5.05	18.000	**OK**	0.439	0.442	1.132	1.125		0.498
	Grade		2078+95.00	HB45	1563.49	71.37	-2.00%	0.00	1564.92	0.00	-2.00%	0.00	1564.92	HB45	0.0020	0.1886	0.0000	0.432	0.465	**Left**	HB45	12.00	0.00	4.50	0.34	4.84	18.000	**OK**	0.421	0.422	1.104	1.101		0.465
	Grade		2079+00.00	HB45	1563.51	71.38	-2.00%	0.00	1564.94	0.00	-2.00%	0.00	1564.94	HB45	0.0040	0.1804	0.0000	0.399	0.432	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.321	0.321	1.344	1.344		0.432
	Grade		2079+05.00	HB45	1563.53	71.38	-2.00%	0.00	1564.96	0.00	-2.00%	0.00	1564.96	HB45	0.0040	0.1722	0.0000	0.366	0.399	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.305	0.305	1.308	1.308		0.399
	Grade		2079+10.00	HB45	1563.54	71.39	-2.00%	0.00	1564.97	0.00	-2.00%	0.00	1564.97	HB45	0.0020	0.1640	0.0000	0.333	0.366	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.362	0.362	1.013	1.013		0.366
	Grade		2079+15.00	HB45	1563.56	71.39	-2.00%	0.00	1564.99	0.00	-2.00%	0.00	1564.99	HB45	0.0040	0.1558	0.0000	0.301	0.333	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.271	0.271	1.232	1.232		0.333
	Grade		2079+20.00	HB45	1563.58	71.40	-2.00%	0.00	1565.01	0.00	-2.00%	0.00	1565.01	HB45	0.0040	0.1476	0.0000	0.268	0.301	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.252	0.252	1.193	1.193		0.301
	Grade		2079+25.00	HB45	1563.59	71.41	-2.00%	0.00	1565.02	0.00	-2.00%	0.00	1565.02	HB45	0.0020	0.1394	0.0000	0.235	0.268	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.295	0.295	0.909	0.909		0.268
	Grade		2079+30.00	HB45	1563.61	71.41	-2.00%	0.00	1565.04	0.00	-2.00%	0.00	1565.04	HB45	0.0040	0.1312	0.0000	0.202	0.235	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.211	0.211	1.111	1.111		0.235
	Grade		2079+35.00	HB45	1563.63	71.42	-2.00%	0.00	1565.06	0.00	-2.00%	0.00	1565.06	HB45	0.0040	0.1230	0.0000	0.169	0.202	**Left**	HB45	12.00	0.00	4.35	0.00	4.35	18.000	**OK**	0.189	0.189	1.069	1.069		0.202
	Grade		2079+40.00	HB45	1563.65	71.43	-2.00%	0.00	1565.08	0.00	-2.00%	0.00	1565.08	HB45	0.0040	0.1148	0.0000	0.136	0.169	**Left**	HB45	12.00	0.00	4.07	0.00	4.07	18.000	**OK**	0.165	0.165	1.023	1.023		0.169
	Grade		2079+45.00	HB45	1563.67	71.43	-2.00%	0.00	1565.10	0.00	-2.00%	0.00	1565.10	HB45	0.0040	0.1066	0.0000	0.103	0.136	**Left**	HB45	12.00	0.00	3.75	0.00	3.75	18.000	**OK**	0.141	0.141	0.969	0.969		0.136
	Grade	3	2079+50.00	HB45	1563.70	71.44	-2.00%	0.00	1565.13	0.00	-2.00%	0.00	1565.13	HB45	0.0060	0.0984	0.0000	1.842	1.875	**Left**	HB45	12.00	0.00	4.50	3.31	7.81	18.000	**OK**	0.688	0.797	2.585	2.352	3	1.875
	Grade		2079+55.00	HB45	1563.72	71.44	-2.00%	0.00	1565.15	0.00	-2.00%	0.00	1565.15	HB45	0.0040	0.0902	0.0000	1.809	1.842	**Left**	HB45	12.00	0.00	4.50	4.09	8.59	18.000	**OK**	0.758	0.926	2.246	1.990		1.842
	Grade		2079+60.00	HB45	1563.74	71.45	-2.00%	0.00	1565.17	0.00	-2.00%	0.00	1565.17	HB45	0.0040	0.0820	0.0000	1.776	1.809	**Left**	HB45	12.00	0.00	4.50	4.01	8.51	18.000	**OK**	0.751	0.912	2.232	1.984		1.809
	Grade		2079+65.00	HB45	1563.77	71.46	-2.00%	0.00	1565.20	0.00	-2.00%	0.00	1565.20	HB45	0.0060	0.0738	0.0000	1.744	1.777	**Left**	HB45	12.00	0.00	4.50	3.09	7.59	18.000	**OK**	0.668	0.764	2.538	2.326		1.777
	Grade		2079+70.00	HB45	1563.79	71.46	-2.00%	0.00	1565.22	0.00	-2.00%	0.00	1565.22	HB45	0.0040	0.0656	0.0000	1.711	1.744	**Left**	HB45	12.00	0.00	4.50	3.85	8.35	18.000	**OK**	0.737	0.885	2.205	1.970		1.744
	Grade		2079+75.00	HB45	1563.82	71.47	-2.00%	0.00	1565.25	0.00	-2.00%	0.00	1565.25	HB45	0.0060	0.0574	0.0000	1.678	1.711	**Left**	HB45	12.00	0.00	4.50	2.94	7.44	18.000	**OK**	0.655	0.741	2.505	2.308		1.711
	Grade		2079+80.00	HB45	1563.84	71.48	-2.00%	0.00	1565.27	0.00	-2.00%	0.00	1565.27	HB45	0.0040	0.0492	0.0000	1.645	1.678	**Left**	HB45	12.00	0.00	4.50	3.69	8.19	18.000	**OK**	0.722	0.858	2.177	1.955		1.678
	Grade		2079+85.00	HB45	1563.87	71.48	-2.00%	0.00	1565.30	0.00	-2.00%	0.00	1565.30	HB45	0.0060	0.0410	0.0000	1.612	1.645	**Left**	HB45	12.00	0.00	4.50	2.79	7.29	18.000	**OK**	0.641	0.718	2.471	2.290		1.645
	Grade		2079+90.00	HB45	1563.90	71.49	-2.00%	0.00	1565.33	0.00	-2.00%	0.00	1565.33	HB45	0.0060	0.0328	0.0000	1.579	1.612	**Left**	HB45	12.00	0.00	4.50	2.71	7.21	18.000	**OK**	0.634	0.707	2.454	2.280		1.612
	Grade		2079+95.00	HB45	1563.93	71.49	-2.00%	0.00	1565.36	0.00	-2.00%	0.00	1565.36	HB45	0.0060	0.0246	0.0000	1.546	1.579	**Left**	HB45	12.00	0.00	4.50	2.63	7.13	18.000	**OK**	0.627	0.696	2.437	2.270		1.579
	Grade		2080+00.00	HB45	1563.95	71.50	-2.00%	0.00	1565.38	0.00	-2.00%	0.00	1565.38	HB45	0.0040	0.0164	0.0000	1.514	1.546	**Left**	HB45	12.00	0.00	4.50	3.35	7.85	18.000	**OK**	0.692	0.804	2.118	1.924		1.546
	Grade		2080+05.00	HB45	1563.98	71.51	-2.00%	0.00	1565.41	0.00	-2.00%	0.00	1565.41	HB45	0.0060	0.0082	0.0000	1.481	1.514	**Left**	HB45	12.00	0.00	4.50	2.47	6.97	18.000	**OK**	0.612	0.673	2.401	2.250		1.514
	Grade		2080+10.00	HB45	1563.98	71.52	-2.00%	0.00	1565.41	0.00	-2.00%	0.00	1565.41	HB45	0.0000	4.8714	0.0000	1.448	1.481	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		1.481
	Grade		2080+15.00	HB45	1564.01	71.53	-2.00%	0.00	1565.44	0.00	-2.00%	0.00	1565.44	HB45	0.0060	4.8632	0.0000	1.415	1.448	**Left**	HB45	12.00	0.00	4.50	2.30	6.80	18.000	**OK**	0.597	0.650	2.364	2.228		1.448
	Grade		2080+20.00	HB45	1564.04	71.55	-2.00%	0.00	1565.47	0.00	-2.00%	0.00	1565.47	HB45	0.0060	4.8550	0.0000	1.382	1.415	**Left**	HB45	12.00	0.00	4.50	2.21	6.71	18.000	**OK**	0.589	0.638	2.345	2.217		1.415
	Grade		2080+25.00	HB45	1564.07	71.56	-2.00%	0.00	1565.50	0.00	-2.00%	0.00	1565.50	HB45	0.0060	4.8468	0.0000	1.349	1.382	**Left**	HB45	12.00	0.00	4.50	2.13	6.63	18.000	**OK**	0.581	0.627	2.325	2.205		1.382
	Grade		2080+30.00	HB45	1564.10	71.57	-2.00%	0.00	1565.53	0.00	-2.00%	0.00	1565.53	HB45	0.0060	4.8386	0.0000	1.316	1.349	**Left**	HB45	12.00	0.00	4.50	2.04	6.54	18.000	**OK**	0.574	0.615	2.306	2.193		1.349
	Grade		2080+35.00	HB45	1564.13	71.58	-2.00%	0.00	1565.56	0.00	-2.00%	0.00	1565.56	HB45	0.0060	4.8304	0.0000	1.283	1.316	**Left**	HB45	12.00	0.00	4.50	1.95	6.45	18.000	**OK**	0.565	0.604	2.285	2.181		1.316
	Grade		2080+40.00	HB45	1564.16	71.59	-2.00%	0.00	1565.59	0.00	-2.00%	0.00	1565.59	HB45	0.0060	4.8222	0.0000	1.250	1.283	**Left**	HB45	12.00	0.00	4.50	1.86	6.36	18.000	**OK**	0.557	0.592	2.265	2.168		1.283
	Grade		2080+45.00	HB45	1564.19	71.60	-2.00%	0.00	1565.62	0.00	-2.00%	0.00	1565.62	HB45	0.0060	4.8139	0.0000	1.217	1.250	**Left**	HB45	12.00	0.00	4.50	1.77	6.27	18.000	**OK**	0.549	0.580	2.244	2.155		1.250
	Grade		2080+50.00	HB45	1564.22	71.61	-2.00%	0.00	1565.65	0.00	-2.00%	0.00	1565.65	HB45	0.0060	4.8057	0.0000	1.184	1.217	**Left**	HB45	12.00	0.00	4.50	1.67	6.17	18.000	**OK**	0.541	0.569	2.223	2.141		1.217
	Grade		2080+55.00	HB45	1564.25	71.62	-2.00%	0.00	1565.68	0.00	-2.00%	0.00	1565.68	HB45	0.0060	4.7975	0.0000	1.151	1.184	**Left**	HB45	12.00	0.00	4.50	1.58	6.08	18.000	**OK**	0.532	0.557	2.201	2.127		1.184
	Grade		2080+60.00	HB45	1564.28	71.64	-2.00%	0.00	1565.71	0.00	-2.00%	0.00	1565.71	HB45	0.0060	4.7893	0.0000	1.118	1.151	**Left**	HB45	12.00	0.00	4.50	1.48	5.98	18.000	**OK**	0.523	0.545	2.179	2.112		1.151
	Grade		2080+65.00	HB45	1564.31	71.65	-2.00%	0.00	1565.74	0.00	-2.00%	0.00	1565.74	HB45	0.0060	4.7811	0.0000	1.086	1.118	**Left**	HB45	12.00	0.00	4.50	1.38	5.88	18.000	**OK**	0.514	0.533	2.156	2.097		1.118
	Grade		2080+70.00	HB45	1564.34	71.66	-2.00%	0.00	1565.77	0.00	-2.00%	0.00	1565.77	HB45	0.0060	4.7728	0.0000	1.053	1.086	**Left**	HB45	12.00	0.00	4.50	1.28	5.78	18.000	**OK**	0.505	0.522	2.133	2.081		1.086
	Grade		2080+75.00	HB45	1564.37	71.67	-2.00%	0.00	1565.80	0.00	-2.00%	0.00	1565.80	HB45	0.0060	4.7646	0.0000	1.020	1.053	**Left**	HB45	12.00	0.00	4.50	1.18	5.68	18.000	**OK**	0.496	0.510	2.109	2.064		1.053
	Grade		2080+80.00	HB45	1564.40	71.68	-2.00%	0.00	1565.83	0.00	-2.00%	0.00	1565.83	HB45	0.0060	4.7564	0.0000	0.987	1.020	**Left**	HB45	12.00	0.00	4.50	1.07	5.57	18.000	**OK**	0.487	0.498	2.085	2.046		1.020
	Grade		2080+85.00	HB45	1564.43	71.69	-2.00%	0.00	1565.86	0.00	-2.00%	0.00	1565.86	HB45	0.0060	4.7482	0.0000	0.954	0.987	**Left**	HB45	12.00	0.00	4.50	0.97	5.47	18.000	**OK**	0.477	0.487	2.060	2.028		0.987
	Grade		2080+90.00	HB45	1564.46	71.70	-2.00%	0.00	1565.89	0.00	-2.00%	0.00	1565.89	HB45	0.0060	4.7399	0.0000	0.921	0.954	**Left**	HB45	12.00	0.00	4.50	0.86	5.36	18.000	**OK**	0.467	0.475	2.035	2.009		0.954
	Grade		2080+95.00	HB45	1564.49	71.71	-2.00%	0.00	1565.92	0.00	-2.00%	0.00	1565.92	HB45	0.0060	4.7317	0.0000	0.888	0.921	**Left**	HB45	12.00	0.00	4.50	0.75	5.25	18.000	**OK**	0.457	0.463	2.009	1.988		0.921
	Grade		2081+00.00	HB45	1564.52	71.73	-2.00%	0.00	1565.95	0.00	-2.00%	0.00	1565.95	HB45	0.0060	4.7235	0.0000	0.855	0.888	**Left**	HB45	12.00	0.00	4.50	0.64	5.14	18.000	**OK**	0.447	0.451	1.982	1.967		0.888
	Grade		2081+05.00	HB45	1564.55	71.74	-2.00%	0.00	1565.98	0.00	-2.00%	0.00	1565.98	HB45	0.0060	4.7152	0.0000	0.822	0.855	**Left**	HB45	12.00	0.00	4.50	0.52	5.02	18.000	**OK**	0.437	0.440	1.955	1.944		0.855
	Grade		2081+10.00	HB45	1564.58	71.75	-2.00%	0.00	1566.01	0.00	-2.00%	0.00	1566.01	HB45	0.0060	4.7070	0.0000	0.789	0.822	**Left**	HB45	12.00	0.00	4.50	0.40	4.90	18.000	**OK**	0.426	0.428	1.927	1.920		0.822
	Grade		2081+15.00	HB45	1564.60	71.76	-2.00%	0.00	1566.04	0.00	-2.00%	0.00	1566.04	HB45	0.0060	4.6988	0.0000	0.756	0.789	**Left**	HB45	12.00	0.00	4.50	0.28	4.78	18.000	**OK**	0.415	0.416	1.898	1.895		0.789
	Grade		2081+20.00	HB45	1564.63	71.77	-2.00%	0.00	1566.07	0.00	-2.00%	0.00	1566.07	HB45	0.0060	4.6905	0.0000	0.723	0.756	**Left**	HB45	12.00	0.00	4.50	0.16	4.66	18.000	**OK**	0.404	0.405	1.869	1.867		0.756
	Grade		2081+25.00	HB45	1564.66	71.78	-2.00%	0.00	1566.10	0.00	-2.00%	0.00	1566.10	HB45	0.0060	4.6823	0.0000	0.690	0.723	**Left**	HB45	12.00	0.00	4.50	0.03	4.53	18.000	**OK**	0.393	0.393	1.838	1.838		0.723
	Grade		2081+30.00	HB45	1564.69	71.79	-2.00%	0.00	1566.13	0.00	-2.00%	0.00	1566.13	HB45	0.0060	4.6741	0.0000	0.657	0.690	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	1.807	1.807		0.690
	Grade		2081+35.00	HB45	1564.72	71.81	-2.00%	0.00	1566.16	0.00	-2.00%	0.00	1566.16	HB45	0.0060	4.6658	0.0000	0.624	0.657	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.370	0.370	1.776	1.776		0.657
	Grade		2081+40.00	HB45	1564.75	71.82	-2.00%	0.00	1566.19	0.00	-2.00%	0.00	1566.19	HB45	0.0060	4.6576	0.0000	0.591	0.624	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.358	0.358	1.743	1.743		0.624
	Grade		2081+45.00	HB45	1564.78	71.83	-2.00%	0.00	1566.22	0.00	-2.00%	0.00	1566.22	HB45	0.0060	4.6493	0.0000	0.557	0.591	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.345	0.345	1.710	1.710		0.591
	Grade		2081+50.00	HB45	1564.81	71.84	-2.00%	0.00	1566.25	0.00	-2.00%	0.00	1566.25	HB45	0.0060	4.6411	0.0000	0.524	0.558	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.333	0.333	1.676	1.676		0.558
	Grade		2081+55.00	HB45	1564.84	71.85	-2.00%	0.00	1566.28	0.00	-2.00%	0.00	1566.28	HB45	0.0060	4.6328	0.0000	0.491	0.524	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.320	0.320	1.641	1.641		0.524
	Grade		2081+60.00	HB45	1564.87	71.86	-2.00%	0.00	1566.31	0.00	-2.00%	0.00	1566.31	HB45	0.0060	4.6246	0.0000	0.458	0.491	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.306	0.306	1.605	1.605		0.491
	Grade		2081+65.00	HB45	1564.90	71.87	-2.00%	0.00	1566.34	0.00	-2.00%	0.00	1566.34	HB45	0.0060	4.6163	0.0000	0.425	0.458	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.292	0.292	1.567	1.567		0.458
	Grade		2081+70.00	HB45	1564.93	71.88	-2.00%	0.00	1566.37	0.00	-2.00%	0.00	1566.37	HB45	0.0060	4.6081	0.0000	0.392	0.425	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.278	0.278	1.529	1.529		0.425
	Grade		2081+75.00	HB45	1564.96	71.90	-2.00%	0.00	1566.40	0.00	-2.00%	0.00	1566.40	HB45	0.0060	4.5998	0.0000	0.359	0.392	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.263	0.263	1.490	1.490		0.392
	Grade		2081+80.00	HB45	1564.99	71.91	-2.00%	0.00	1566.43	0.00	-2.00%	0.00	1566.43	HB45	0.0060	4.5916	0.0000	0.326	0.359	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.248	0.248	1.450	1.450		0.359
	Grade		2081+85.00	HB45	1565.02	71.92	-2.00%	0.00	1566.46	0.00	-2.00%	0.00	1566.46	HB45	0.0060	4.5833	0.0000	0.293	0.326	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.231	0.231	1.409	1.409		0.326
	Grade		2081+90.00	HB45	1565.05	71.93	-2.00%	0.00	1566.49	0.00	-2.00%	0.00	1566.49	HB45	0.0060	4.5751	0.0000	0.260	0.293	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.214	0.214	1.367	1.367		0.293
	Grade		2081+95.00	HB45	1565.08	71.94	-2.00%	0.00	1566.52	0.00	-2.00%	0.00	1566.52	HB45	0.0060	4.5668	0.0000	0.227	0.260	**Left**	HB45	12.00	0.00	4.43	0.00	4.43	18.000	**OK**	0.196	0.196	1.326	1.326		0.260
	Grade	3	2082+00.00	HB45	1565.11	71.95	-2.00%	0.00	1566.55	0.00	-2.00%	0.00	1566.55	HB45	0.0060	4.5586	0.0000	2.418	2.451	**Left**	HB45	12.00	0.00	4.50	4.46	8.96	18.000	**OK**	0.791	0.990	2.826	2.476	3	2.451
	Grade		2082+05.00	HB45	1565.14	71.96	-2.00%	0.00	1566.58	0.00	-2.00%	0.00	1566.58	HB45	0.0060	4.5503	0.0000	2.385	2.418	**Left**	HB45	12.00	0.00	4.50	4.40	8.90	18.000	**OK**	0.786	0.979	2.814	2.470		2.418
	Grade		2082+10.00	HB45	1565.17	71.97	-2.00%	0.00	1566.61	0.00	-2.00%	0.00	1566.61	HB45	0.0060	4.5421	0.0000	2.352	2.385	**Left**	HB45	12.00	0.00	4.50	4.34	8.84	18.000	**OK**	0.780	0.968	2.801	2.464		2.385
	Grade		2082+15.00	HB45	1565.20	71.99	-2.00%	0.00	1566.64	0.00	-2.00%	0.00	1566.64	HB45	0.0060	4.5338	0.0000	2.319	2.352	**Left**	HB45	12.00	0.00	4.50	4.27	8.77	18.000	**OK**	0.775	0.957	2.788	2.457		2.352
	Grade		2082+20.00	HB45	1565.23	72.00	-2.00%	0.00	1566.67	0.00	-2.00%	0.00	1566.67	HB45	0.0060	4.5255	0.0000	2.286	2.319	**Left**	HB45	12.00	0.00	4.50	4.21	8.71	18.000	**OK**	0.769	0.946	2.775	2.451		2.319
	Grade		2082+25.00	HB45	1565.26	72.01	-2.00%	0.00	1566.70	0.00	-2.00%	0.00	1566.70	HB45	0.0060	4.5173	0.0000	2.253	2.286	**Left**	HB45	12.00	0.00	4.50	4.15	8.65	18.000	**OK**	0.763	0.935	2.762	2.444		2.286
	Grade		2082+30.00	HB45	1565.29	72.02	-2.00%	0.00	1566.73	0.00	-2.00%	0.00	1566.73	HB45	0.0060	4.5090	0.0000	2.220	2.253	**Left**	HB45	12.00	0.00	4.50	4.08	8.58	18.000	**OK**	0.758	0.924	2.749	2.437		2.253
	Grade		2082+35.00	HB45	1565.32	72.03	-2.00%	0.00	1566.76	0.00	-2.00%	0.00	1566.76	HB45	0.0060	4.5007	0.0000	2.187	2.220	**Left**	HB45	12.00	0.00	4.50	4.02	8.52	18.000	**OK**	0.752	0.913	2.735	2.430		2.220
	Grade		2082+40.00	HB45	1565.35	72.04	-2.00%	0.00	1566.79	0.00	-2.00%	0.00	1566.79	HB45	0.0060	4.4925	0.0000	2.154	2.187	**Left**	HB45	12.00	0.00	4.50	3.95	8.45	18.000	**OK**	0.746	0.902	2.722	2.423		2.187

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2082+45.00	HB45	1565.38	72.05	-2.00%	0.00	1566.82	0.00	-2.00%	0.00	1566.82	HB45	0.0060	4.4842	0.0000	2.120	2.154	**Left**	HB45	12.00	0.00	4.50	3.89	8.39	18.000	**OK**	0.740	0.891	2.708	2.416		2.154
	Grade		2082+50.00	HB45	1565.41	72.07	-2.00%	0.00	1566.85	0.00	-2.00%	0.00	1566.85	HB45	0.0060	4.4759	0.0000	2.087	2.121	**Left**	HB45	12.00	0.00	4.50	3.82	8.32	18.000	**OK**	0.734	0.880	2.694	2.409		2.121
	Grade		2082+55.00	HB45	1565.44	72.08	-2.00%	0.00	1566.88	0.00	-2.00%	0.00	1566.88	HB45	0.0060	4.4677	0.0000	2.054	2.087	**Left**	HB45	12.00	0.00	4.50	3.76	8.26	18.000	**OK**	0.728	0.869	2.680	2.402		2.087
	Grade		2082+60.00	HB45	1565.47	72.09	-2.00%	0.00	1566.91	0.00	-2.00%	0.00	1566.91	HB45	0.0060	4.4594	0.0000	2.021	2.054	**Left**	HB45	12.00	0.00	4.50	3.69	8.19	18.000	**OK**	0.722	0.858	2.666	2.394		2.054
	Grade		2082+65.00	HB45	1565.50	72.10	-2.00%	0.00	1566.94	0.00	-2.00%	0.00	1566.94	HB45	0.0060	4.4511	0.0000	1.988	2.021	**Left**	HB45	12.00	0.00	4.50	3.62	8.12	18.000	**OK**	0.716	0.847	2.651	2.387		2.021
	Grade		2082+70.00	HB45	1565.53	72.11	-2.00%	0.00	1566.97	0.00	-2.00%	0.00	1566.97	HB45	0.0060	4.4428	0.0000	1.955	1.988	**Left**	HB45	12.00	0.00	4.50	3.55	8.05	18.000	**OK**	0.710	0.836	2.636	2.379		1.988
	Grade		2082+75.00	HB45	1565.56	72.12	-2.00%	0.00	1567.00	0.00	-2.00%	0.00	1567.00	HB45	0.0060	4.4346	0.0000	1.922	1.955	**Left**	HB45	12.00	0.00	4.50	3.48	7.98	18.000	**OK**	0.703	0.824	2.621	2.371		1.955
	Grade		2082+80.00	HB45	1565.59	72.13	-2.00%	0.00	1567.03	0.00	-2.00%	0.00	1567.03	HB45	0.0060	4.4263	0.0000	1.888	1.922	**Left**	HB45	12.00	0.00	4.50	3.41	7.91	18.000	**OK**	0.697	0.813	2.606	2.363		1.922
	Grade		2082+85.00	HB45	1565.62	72.14	-2.00%	0.00	1567.06	0.00	-2.00%	0.00	1567.06	HB45	0.0060	4.4180	0.0000	1.855	1.888	**Left**	HB45	12.00	0.00	4.50	3.34	7.84	18.000	**OK**	0.690	0.802	2.591	2.355		1.888
	Grade		2082+90.00	HB45	1565.65	72.16	-2.00%	0.00	1567.09	0.00	-2.00%	0.00	1567.09	HB45	0.0060	4.4097	0.0000	1.822	1.855	**Left**	HB45	12.00	0.00	4.50	3.27	7.77	18.000	**OK**	0.684	0.791	2.575	2.347		1.855
	Grade		2082+95.00	HB45	1565.68	72.17	-2.00%	0.00	1567.12	0.00	-2.00%	0.00	1567.12	HB45	0.0060	4.4014	0.0000	1.789	1.822	**Left**	HB45	12.00	0.00	4.50	3.19	7.69	18.000	**OK**	0.677	0.779	2.560	2.338		1.822
	Grade		2083+00.00	HB45	1565.71	72.18	-2.00%	0.00	1567.15	0.00	-2.00%	0.00	1567.15	HB45	0.0060	4.3932	0.0000	1.756	1.789	**Left**	HB45	12.00	0.00	4.50	3.12	7.62	18.000	**OK**	0.671	0.768	2.543	2.329		1.789
	Grade		2083+05.00	HB45	1565.74	72.19	-2.00%	0.00	1567.18	0.00	-2.00%	0.00	1567.18	HB45	0.0060	4.3849	0.0000	1.722	1.756	**Left**	HB45	12.00	0.00	4.50	3.04	7.54	18.000	**OK**	0.664	0.757	2.527	2.321		1.756
	Grade		2083+10.00	HB45	1565.77	72.20	-2.00%	0.00	1567.21	0.00	-2.00%	0.00	1567.21	HB45	0.0060	4.3766	0.0000	1.689	1.722	**Left**	HB45	12.00	0.00	4.50	2.97	7.47	18.000	**OK**	0.657	0.745	2.511	2.312		1.722
	Grade		2083+15.00	HB45	1565.80	72.21	-2.00%	0.00	1567.24	0.00	-2.00%	0.00	1567.24	HB45	0.0060	4.3683	0.0000	1.656	1.689	**Left**	HB45	12.00	0.00	4.50	2.89	7.39	18.000	**OK**	0.650	0.734	2.494	2.302		1.689
	Grade		2083+20.00	HB45	1565.83	72.22	-2.00%	0.00	1567.27	0.00	-2.00%	0.00	1567.27	HB45	0.0060	4.3600	0.0000	1.623	1.656	**Left**	HB45	12.00	0.00	4.50	2.81	7.31	18.000	**OK**	0.643	0.722	2.477	2.293		1.656
	Grade		2083+25.00	HB45	1565.86	72.23	-2.00%	0.00	1567.30	0.00	-2.00%	0.00	1567.30	HB45	0.0060	4.3517	0.0000	1.589	1.623	**Left**	HB45	12.00	0.00	4.50	2.73	7.23	18.000	**OK**	0.636	0.711	2.460	2.283		1.623
	Grade		2083+30.00	HB45	1565.89	72.25	-2.00%	0.00	1567.33	0.00	-2.00%	0.00	1567.33	HB45	0.0060	4.3434	0.0000	1.556	1.590	**Left**	HB45	12.00	0.00	4.50	2.65	7.15	18.000	**OK**	0.629	0.699	2.442	2.273		1.590
	Grade		2083+35.00	HB45	1565.91	72.26	-2.00%	0.00	1567.36	0.00	-2.00%	0.00	1567.36	HB45	0.0060	4.3351	0.0000	1.523	1.556	**Left**	HB45	12.00	0.00	4.50	2.57	7.07	18.000	**OK**	0.622	0.688	2.424	2.263		1.556
	Grade		2083+40.00	HB45	1565.94	72.27	-2.00%	0.00	1567.39	0.00	-2.00%	0.00	1567.39	HB45	0.0060	4.3269	0.0000	1.490	1.523	**Left**	HB45	12.00	0.00	4.50	2.49	6.99	18.000	**OK**	0.614	0.676	2.406	2.253		1.523
	Grade		2083+45.00	HB45	1565.97	72.28	-2.00%	0.00	1567.42	0.00	-2.00%	0.00	1567.42	HB45	0.0060	4.3186	0.0000	1.457	1.490	**Left**	HB45	12.00	0.00	4.50	2.41	6.91	18.000	**OK**	0.607	0.664	2.388	2.242		1.490
	Grade		2083+50.00	HB45	1566.00	72.29	-2.00%	0.00	1567.45	0.00	-2.00%	0.00	1567.45	HB45	0.0060	4.3103	0.0000	1.423	1.457	**Left**	HB45	12.00	0.00	4.50	2.32	6.82	18.000	**OK**	0.599	0.653	2.369	2.231		1.457
	Grade		2083+55.00	HB45	1566.03	72.30	-2.00%	0.00	1567.48	0.00	-2.00%	0.00	1567.48	HB45	0.0060	4.3020	0.0000	1.390	1.423	**Left**	HB45	12.00	0.00	4.50	2.24	6.74	18.000	**OK**	0.591	0.641	2.350	2.220		1.423
	Grade		2083+60.00	HB45	1566.06	72.31	-2.00%	0.00	1567.51	0.00	-2.00%	0.00	1567.51	HB45	0.0060	4.2937	0.0000	1.357	1.390	**Left**	HB45	12.00	0.00	4.50	2.15	6.65	18.000	**OK**	0.583	0.630	2.330	2.208		1.390
	Grade		2083+65.00	HB45	1566.09	72.32	-2.00%	0.00	1567.54	0.00	-2.00%	0.00	1567.54	HB45	0.0060	4.2854	0.0000	1.323	1.357	**Left**	HB45	12.00	0.00	4.50	2.06	6.56	18.000	**OK**	0.575	0.618	2.310	2.196		1.357
	Grade		2083+70.00	HB45	1566.12	72.34	-2.00%	0.00	1567.57	0.00	-2.00%	0.00	1567.57	HB45	0.0060	4.2771	0.0000	1.290	1.323	**Left**	HB45	12.00	0.00	4.50	1.97	6.47	18.000	**OK**	0.567	0.606	2.290	2.184		1.323
	Grade		2083+75.00	HB45	1566.15	72.35	-2.00%	0.00	1567.60	0.00	-2.00%	0.00	1567.60	HB45	0.0060	4.2688	0.0000	1.257	1.290	**Left**	HB45	12.00	0.00	4.50	1.88	6.38	18.000	**OK**	0.559	0.594	2.269	2.171		1.290
	Grade		2083+80.00	HB45	1566.18	72.36	-2.00%	0.00	1567.63	0.00	-2.00%	0.00	1567.63	HB45	0.0060	4.2605	0.0000	1.224	1.257	**Left**	HB45	12.00	0.00	4.50	1.79	6.29	18.000	**OK**	0.551	0.583	2.248	2.157		1.257
	Grade		2083+85.00	HB45	1566.21	72.37	-2.00%	0.00	1567.66	0.00	-2.00%	0.00	1567.66	HB45	0.0060	4.2522	0.0000	1.190	1.224	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.542	0.571	2.227	2.144		1.224
	Grade		2083+90.00	HB45	1566.24	72.38	-2.00%	0.00	1567.69	0.00	-2.00%	0.00	1567.69	HB45	0.0060	4.2438	0.0000	1.157	1.190	**Left**	HB45	12.00	0.00	4.50	1.59	6.09	18.000	**OK**	0.534	0.559	2.205	2.129		1.190
	Grade		2083+95.00	HB45	1566.27	72.39	-2.00%	0.00	1567.72	0.00	-2.00%	0.00	1567.72	HB45	0.0060	4.2355	0.0000	1.124	1.157	**Left**	HB45	12.00	0.00	4.50	1.50	6.00	18.000	**OK**	0.525	0.547	2.183	2.115		1.157
	Grade		2084+00.00	HB45	1566.30	72.40	-2.00%	0.00	1567.75	0.00	-2.00%	0.00	1567.75	HB45	0.0060	4.2272	0.0000	1.090	1.124	**Left**	HB45	12.00	0.00	4.50	1.40	5.90	18.000	**OK**	0.516	0.535	2.160	2.099		1.124
	Grade		2084+05.00	HB45	1566.33	72.42	-2.00%	0.00	1567.78	0.00	-2.00%	0.00	1567.78	HB45	0.0060	4.2189	0.0000	1.057	1.090	**Left**	HB45	12.00	0.00	4.50	1.30	5.80	18.000	**OK**	0.507	0.524	2.136	2.083		1.090
	Grade		2084+10.00	HB45	1566.36	72.43	-2.00%	0.00	1567.81	0.00	-2.00%	0.00	1567.81	HB45	0.0060	4.2106	0.0000	1.024	1.057	**Left**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.497	0.512	2.112	2.066		1.057
	Grade		2084+15.00	HB45	1566.39	72.44	-2.00%	0.00	1567.84	0.00	-2.00%	0.00	1567.84	HB45	0.0060	4.2023	0.0000	0.991	1.024	**Left**	HB45	12.00	0.00	4.50	1.09	5.59	18.000	**OK**	0.488	0.500	2.088	2.049		1.024
	Grade		2084+20.00	HB45	1566.42	72.45	-2.00%	0.00	1567.87	0.00	-2.00%	0.00	1567.87	HB45	0.0060	4.1940	0.0000	0.957	0.991	**Left**	HB45	12.00	0.00	4.50	0.98	5.48	18.000	**OK**	0.478	0.488	2.063	2.030		0.991
	Grade		2084+25.00	HB45	1566.45	72.46	-2.00%	0.00	1567.90	0.00	-2.00%	0.00	1567.90	HB45	0.0060	4.1857	0.0000	0.924	0.957	**Left**	HB45	12.00	0.00	4.50	0.87	5.37	18.000	**OK**	0.468	0.476	2.037	2.011		0.957
	Grade		2084+30.00	HB45	1566.48	72.47	-2.00%	0.00	1567.93	0.00	-2.00%	0.00	1567.93	HB45	0.0060	4.1773	0.0000	0.891	0.924	**Left**	HB45	12.00	0.00	4.50	0.76	5.26	18.000	**OK**	0.458	0.464	2.011	1.990		0.924
	Grade		2084+35.00	HB45	1566.51	72.48	-2.00%	0.00	1567.96	0.00	-2.00%	0.00	1567.96	HB45	0.0060	4.1690	0.0000	0.857	0.891	**Left**	HB45	12.00	0.00	4.50	0.65	5.15	18.000	**OK**	0.448	0.452	1.984	1.969		0.891
	Grade		2084+40.00	HB45	1566.54	72.49	-2.00%	0.00	1567.99	0.00	-2.00%	0.00	1567.99	HB45	0.0060	4.1607	0.0000	0.824	0.857	**Left**	HB45	12.00	0.00	4.50	0.53	5.03	18.000	**OK**	0.438	0.440	1.957	1.946		0.857
	Grade		2084+45.00	HB45	1566.57	72.51	-2.00%	0.00	1568.02	0.00	-2.00%	0.00	1568.02	HB45	0.0060	4.1524	0.0000	0.790	0.824	**Left**	HB45	12.00	0.00	4.50	0.41	4.91	18.000	**OK**	0.427	0.429	1.929	1.922		0.824
	Grade		2084+50.00	HB45	1566.60	72.52	-2.00%	0.00	1568.05	0.00	-2.00%	0.00	1568.05	HB45	0.0060	4.1441	0.0000	0.757	0.790	**Left**	HB45	12.00	0.00	4.50	0.29	4.79	18.000	**OK**	0.416	0.417	1.900	1.896		0.790
	Grade		2084+55.00	HB45	1566.63	72.53	-2.00%	0.00	1568.08	0.00	-2.00%	0.00	1568.08	HB45	0.0060	4.1357	0.0000	0.724	0.757	**Left**	HB45	12.00	0.00	4.50	0.17	4.67	18.000	**OK**	0.405	0.405	1.870	1.869		0.757
	Grade		2084+60.00	HB45	1566.66	72.54	-2.00%	0.00	1568.11	0.00	-2.00%	0.00	1568.11	HB45	0.0060	4.1274	0.0000	0.690	0.724	**Left**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.393	0.393	1.839	1.839		0.724
	Grade		2084+65.00	HB45	1566.69	72.55	-2.00%	0.00	1568.14	0.00	-2.00%	0.00	1568.14	HB45	0.0060	4.1191	0.0000	0.657	0.690	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	1.808	1.808		0.690
	Grade		2084+70.00	HB45	1566.72	72.56	-2.00%	0.00	1568.17	0.00	-2.00%	0.00	1568.17	HB45	0.0060	4.1108	0.0000	0.624	0.657	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.370	0.370	1.776	1.776		0.657
	Grade		2084+75.00	HB45	1566.75	72.57	-2.00%	0.00	1568.20	0.00	-2.00%	0.00	1568.20	HB45	0.0060	4.1024	0.0000	0.590	0.624	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.358	0.358	1.743	1.743		0.624
	Grade		2084+80.00	HB45	1566.78	72.58	-2.00%	0.00	1568.23	0.00	-2.00%	0.00	1568.23	HB45	0.0060	4.0941	0.0000	0.557	0.590	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.345	0.345	1.710	1.710		0.590
	Grade		2084+85.00	HB45	1566.81	72.60	-2.00%	0.00	1568.26	0.00	-2.00%	0.00	1568.26	HB45	0.0060	4.0858	0.0000	0.523	0.557	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.332	0.332	1.675	1.675		0.557
	Grade		2084+90.00	HB45	1566.84	72.61	-2.00%	0.00	1568.29	0.00	-2.00%	0.00	1568.29	HB45	0.0060	4.0774	0.0000	0.490	0.523	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.319	0.319	1.640	1.640		0.523
	Grade		2084+95.00	HB45	1566.87	72.62	-2.00%	0.00	1568.32	0.00	-2.00%	0.00	1568.32	HB45	0.0060	4.0691	0.0000	0.457	0.490	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.306	0.306	1.603	1.603		0.490
	Grade		2085+00.00	HB45	1566.90	72.63	-2.00%	0.00	1568.35	0.00	-2.00%	0.00	1568.35	HB45	0.0060	4.0608	0.0000	0.423	0.457	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.292	0.292	1.566	1.566		0.457
	Grade		2085+05.00	HB45	1566.93	72.64	-2.00%	0.00	1568.38	0.00	-2.00%	0.00	1568.38	HB45	0.0060	4.0524	0.0000	0.390	0.423	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.277	0.277	1.527	1.527		0.423
	Grade		2085+10.00	HB45	1566.96	72.65	-2.00%	0.00	1568.41	0.00	-2.00%	0.00	1568.41	HB45	0.0060	4.0441	0.0000	0.356	0.390	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.262	0.262	1.487	1.487		0.390
	Grade		2085+15.00	HB45	1566.99	72.66	-2.00%	0.00	1568.44	0.00	-2.00%	0.00	1568.44	HB45	0.0060	4.0358	0.0000	0.323	0.356	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.246	0.246	1.446	1.446		0.356
	Grade		2085+20.00	HB45	1567.02	72.68	-2.00%	0.00	1568.47	0.00	-2.00%	0.00	1568.47	HB45	0.0060	4.0274	0.0000	0.290	0.323	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.230	0.230	1.405	1.405		0.323
	Grade		2085+25.00	HB45	1567.05	72.69	-2.00%	0.00	1568.50	0.00	-2.00%	0.00	1568.50	HB45	0.0060	4.0191	0.0000	0.256	0.290	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.212	0.212	1.363	1.363		0.290
	Grade	3	2085+30.00	HB45	1567.08	72.70	-2.00%	0.00	1568.53	0.00	-2.00%	0.00	1568.53	HB45	0.0060	4.0107	0.0000	2.534	2.568	**Left**	HB45	12.00	0.00	4.50	4.67	9.17	18.000	**OK**	0.810	1.028	2.870	2.498	3	2.568
	Grade		2085+35.00	HB45	1567.11	72.71	-2.00%	0.00	1568.56	0.00	-2.00%	0.00	1568.56	HB45	0.0060	4.0024	0.0000	2.501	2.534	**Left**	HB45	12.00	0.00	4.50	4.61	9.11	18.000	**OK**	0.805	1.017	2.857	2.492		2.534
	Grade		2085+40.00	HB45	1567.14	72.72	-2.00%	0.00	1568.59	0.00	-2.00%	0.00	1568.59	HB45	0.0060	3.9941	0.0000	2.467	2.501	**Left**	HB45	12.00	0.00	4.50	4.55	9.05	18.000	**OK**	0.799	1.006	2.845	2.486		2.501
	Grade		2085+45.00	HB45	1567.17	72.73	-2.00%	0.00	1568.62	0.00	-2.00%	0.00	1568.62	HB45	0.0060	3.9857	0.0000	2.434	2.467	**Left**	HB45	12.00	0.00	4.50	4.49	8.99	18.000	**OK**	0.794	0.995	2.833	2.479		2.467
	Grade		2085+50.00	HB45	1567.20	72.74	-2.00%	0.00	1568.65	0.00	-2.00%	0.00	1568.65	HB45	0.0060	3.9774	0.0000	2.401	2.434	**Left**	HB45	12.00	0.00	4.50	4.43	8.93	18.000	**OK**	0.788	0.984	2.820	2.473		2.434
	Grade		2085+55.00	HB45	1567.22	72.75	-2.00%	0.00	1568.68	0.00	-2.00%	0.00	1568.68	HB45	0.0060	3.9690	0.0000	2.367	2.401	**Left**	HB45	12.00	0.00	4.50	4.36	8.86	18.000	**OK**	0.783	0.973	2.807	2.467		2.401
	Grade		2085+60.00	HB45	1567.25	72.77	-2.00%	0.00	1568.71	0.00	-2.00%	0.00	1568.71	HB45	0.0060	3.9607	0.0000	2.334	2.367	**Left**	HB45	12.00	0.00	4.50	4.30	8.80	18.000	**OK**	0.777	0.962	2.794	2.460		2.367
	Grade		2085+65.00	HB45	1567.28	72.78	-2.00%	0.00	1568.74	0.00	-2.00%	0.00	1568.74	HB45	0.0060	3.9523	0.0000	2.300	2.334	**Left**	HB45	12.00	0.00	4.50	4.24	8.74	18.000	**OK**	0.772	0.951	2.781	2.453		2.334
	Grade		2085+70.00	HB45	1567.31	72.79	-2.00%	0.00	1568.77	0.00	-2.00%	0.00	1568.77	HB45	0.0060	3.9440	0.0000	2.267	2.300	**Left**	HB45	12.00	0.00	4.50	4.18	8.68	18.000	**OK**	0.766	0.940	2.768	2.447		2.300
	Grade		2085+75.00	HB45	1567.34	72.80	-2.00%	0.00	1568.80	0.00	-2.00%	0.00	1568.80	HB45	0.0060	3.9356	0.0000	2.233	2.267	**Left**	HB45	12.00	0.00	4.50	4.11	8.61	18.000	**OK**	0.760	0.929	2.754	2.440		2.267
	Grade		2085+80.00	HB45	1567.37	72.81	-2.00%	0.00	1568.83	0.00	-2.00%	0.00	1568.83	HB45	0.0060	3.9272	0.0000	2.200	2.233	**Left**	HB45	12.00	0.00	4.50	4.05	8.55	18.000	**OK**	0.754	0.918	2.741	2.433		2.233
	Grade		2085+85.00	HB45	1567.40	72.82	-2.00%	0.00	1568.86	0.00	-2.00%	0.00	1568.86	HB45	0.0060	3.9189	0.0000	2.166	2.200	**Left**	HB45	12.00	0.00	4.50	3.98	8.48	18.000	**OK**	0.748	0.907	2.727	2.426		2.200
	Grade		2085+90.00	HB45	1567.43	72.83	-2.00%	0.00	1568.89	0.00	-2.00%	0.00	1568.89	HB45	0.0060	3.9105	0.0000	2.133	2.166	**Left**	HB45	12.00	0.00	4.50	3.91	8.41	18.000	**OK**	0.742	0.896	2.713	2.419		2.166
	Grade		2085+95.00	HB45	1567.46	72.84	-2.00%	0.00	1568.92	0.00	-2.00%	0.00	1568.92	HB45	0.0060	3.9022	0.0000	2.099	2.133	**Left**	HB45	12.00	0.00	4.50	3.85	8.35	18.000	**OK**	0.736	0.884	2.699	2.412		2.133

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2086+00.00	HB45	1567.49	72.86	-2.00%	0.00	1568.95	0.00	-2.00%	0.00	1568.95	HB45	0.0060	3.8938	0.0000	2.066	2.099	**Left**	HB45	12.00	0.00	4.50	3.78	8.28	18.000	**OK**	0.730	0.873	2.685	2.404		2.099
	Grade		2086+05.00	HB45	1567.52	72.87	-2.00%	0.00	1568.98	0.00	-2.00%	0.00	1568.98	HB45	0.0060	3.8854	0.0000	2.032	2.066	**Left**	HB45	12.00	0.00	4.50	3.71	8.21	18.000	**OK**	0.724	0.862	2.670	2.397		2.066
	Grade		2086+10.00	HB45	1567.55	72.88	-2.00%	0.00	1569.01	0.00	-2.00%	0.00	1569.01	HB45	0.0060	3.8771	0.0000	1.999	2.032	**Left**	HB45	12.00	0.00	4.50	3.64	8.14	18.000	**OK**	0.718	0.851	2.656	2.389		2.032
	Grade		2086+15.00	HB45	1567.58	72.89	-2.00%	0.00	1569.04	0.00	-2.00%	0.00	1569.04	HB45	0.0060	3.8687	0.0000	1.965	1.999	**Left**	HB45	12.00	0.00	4.50	3.57	8.07	18.000	**OK**	0.712	0.839	2.641	2.381		1.999
	Grade		2086+20.00	HB45	1567.61	72.90	-2.00%	0.00	1569.07	0.00	-2.00%	0.00	1569.07	HB45	0.0060	3.8604	0.0000	1.931	1.965	**Left**	HB45	12.00	0.00	4.50	3.50	8.00	18.000	**OK**	0.705	0.828	2.626	2.373		1.965
	Grade		2086+25.00	HB45	1567.64	72.91	-2.00%	0.00	1569.10	0.00	-2.00%	0.00	1569.10	HB45	0.0060	3.8520	0.0000	1.898	1.931	**Left**	HB45	12.00	0.00	4.50	3.43	7.93	18.000	**OK**	0.699	0.817	2.611	2.365		1.931
	Grade		2086+30.00	HB45	1567.67	72.92	-2.00%	0.00	1569.13	0.00	-2.00%	0.00	1569.13	HB45	0.0060	3.8436	0.0000	1.864	1.898	**Left**	HB45	12.00	0.00	4.50	3.36	7.86	18.000	**OK**	0.692	0.805	2.595	2.357		1.898
	Grade		2086+35.00	HB45	1567.70	72.94	-2.00%	0.00	1569.16	0.00	-2.00%	0.00	1569.16	HB45	0.0060	3.8352	0.0000	1.831	1.864	**Left**	HB45	12.00	0.00	4.50	3.29	7.79	18.000	**OK**	0.686	0.794	2.580	2.349		1.864
	Grade		2086+40.00	HB45	1567.73	72.95	-2.00%	0.00	1569.19	0.00	-2.00%	0.00	1569.19	HB45	0.0060	3.8269	0.0000	1.797	1.831	**Left**	HB45	12.00	0.00	4.50	3.21	7.71	18.000	**OK**	0.679	0.782	2.564	2.340		1.831
	Grade		2086+45.00	HB45	1567.76	72.96	-2.00%	0.00	1569.22	0.00	-2.00%	0.00	1569.22	HB45	0.0060	3.8185	0.0000	1.764	1.797	**Left**	HB45	12.00	0.00	4.50	3.14	7.64	18.000	**OK**	0.672	0.771	2.548	2.332		1.797
	Grade		2086+50.00	HB45	1567.79	72.97	-2.00%	0.00	1569.25	0.00	-2.00%	0.00	1569.25	HB45	0.0060	3.8101	0.0000	1.730	1.764	**Left**	HB45	12.00	0.00	4.50	3.06	7.56	18.000	**OK**	0.666	0.759	2.531	2.323		1.764
	Grade		2086+55.00	HB45	1567.82	72.98	-2.00%	0.00	1569.28	0.00	-2.00%	0.00	1569.28	HB45	0.0060	3.8018	0.0000	1.696	1.730	**Left**	HB45	12.00	0.00	4.50	2.98	7.48	18.000	**OK**	0.659	0.748	2.515	2.314		1.730
	Grade		2086+60.00	HB45	1567.85	72.99	-2.00%	0.00	1569.31	0.00	-2.00%	0.00	1569.31	HB45	0.0060	3.7934	0.0000	1.663	1.696	**Left**	HB45	12.00	0.00	4.50	2.91	7.41	18.000	**OK**	0.652	0.736	2.498	2.304		1.696
	Grade		2086+65.00	HB45	1567.88	73.00	-2.00%	0.00	1569.34	0.00	-2.00%	0.00	1569.34	HB45	0.0060	3.7850	0.0000	1.629	1.663	**Left**	HB45	12.00	0.00	4.50	2.83	7.33	18.000	**OK**	0.645	0.725	2.481	2.295		1.663
	Grade		2086+70.00	HB45	1567.91	73.01	-2.00%	0.00	1569.37	0.00	-2.00%	0.00	1569.37	HB45	0.0060	3.7766	0.0000	1.596	1.629	**Left**	HB45	12.00	0.00	4.50	2.75	7.25	18.000	**OK**	0.637	0.713	2.463	2.285		1.629
	Grade		2086+75.00	HB45	1567.94	73.03	-2.00%	0.00	1569.40	0.00	-2.00%	0.00	1569.40	HB45	0.0060	3.7682	0.0000	1.562	1.596	**Left**	HB45	12.00	0.00	4.50	2.67	7.17	18.000	**OK**	0.630	0.701	2.445	2.275		1.596
	Grade		2086+80.00	HB45	1567.97	73.04	-2.00%	0.00	1569.43	0.00	-2.00%	0.00	1569.43	HB45	0.0060	3.7599	0.0000	1.529	1.562	**Left**	HB45	12.00	0.00	4.50	2.59	7.09	18.000	**OK**	0.623	0.690	2.427	2.265		1.562
	Grade		2086+85.00	HB45	1568.00	73.05	-2.00%	0.00	1569.46	0.00	-2.00%	0.00	1569.46	HB45	0.0060	3.7515	0.0000	1.495	1.529	**Left**	HB45	12.00	0.00	4.50	2.50	7.00	18.000	**OK**	0.615	0.678	2.409	2.254		1.529
	Grade		2086+90.00	HB45	1568.03	73.06	-2.00%	0.00	1569.49	0.00	-2.00%	0.00	1569.49	HB45	0.0060	3.7431	0.0000	1.461	1.495	**Left**	HB45	12.00	0.00	4.50	2.42	6.92	18.000	**OK**	0.608	0.666	2.390	2.244		1.495
	Grade		2086+95.00	HB45	1568.06	73.07	-2.00%	0.00	1569.52	0.00	-2.00%	0.00	1569.52	HB45	0.0060	3.7347	0.0000	1.428	1.461	**Left**	HB45	12.00	0.00	4.50	2.33	6.83	18.000	**OK**	0.600	0.655	2.371	2.233		1.461
	Grade		2087+00.00	HB45	1568.09	73.08	-2.00%	0.00	1569.55	0.00	-2.00%	0.00	1569.55	HB45	0.0060	3.7263	0.0000	1.394	1.428	**Left**	HB45	12.00	0.00	4.50	2.25	6.75	18.000	**OK**	0.592	0.643	2.352	2.221		1.428
	Grade		2087+05.00	HB45	1568.12	73.09	-2.00%	0.00	1569.58	0.00	-2.00%	0.00	1569.58	HB45	0.0060	3.7179	0.0000	1.360	1.394	**Left**	HB45	12.00	0.00	4.50	2.16	6.66	18.000	**OK**	0.584	0.631	2.332	2.209		1.394
	Grade		2087+10.00	HB45	1568.15	73.10	-2.00%	0.00	1569.61	0.00	-2.00%	0.00	1569.61	HB45	0.0060	3.7095	0.0000	1.327	1.360	**Left**	HB45	12.00	0.00	4.50	2.07	6.57	18.000	**OK**	0.576	0.619	2.312	2.197		1.360
	Grade		2087+15.00	HB45	1568.18	73.12	-2.00%	0.00	1569.64	0.00	-2.00%	0.00	1569.64	HB45	0.0060	3.7012	0.0000	1.293	1.327	**Left**	HB45	12.00	0.00	4.50	1.98	6.48	18.000	**OK**	0.568	0.607	2.292	2.185		1.327
	Grade		2087+20.00	HB45	1568.21	73.13	-2.00%	0.00	1569.67	0.00	-2.00%	0.00	1569.67	HB45	0.0060	3.6928	0.0000	1.259	1.293	**Left**	HB45	12.00	0.00	4.50	1.89	6.39	18.000	**OK**	0.560	0.595	2.271	2.172		1.293
	Grade		2087+25.00	HB45	1568.24	73.14	-2.00%	0.00	1569.70	0.00	-2.00%	0.00	1569.70	HB45	0.0060	3.6844	0.0000	1.226	1.259	**Left**	HB45	12.00	0.00	4.50	1.79	6.29	18.000	**OK**	0.551	0.583	2.250	2.159		1.259
	Grade		2087+30.00	HB45	1568.27	73.15	-2.00%	0.00	1569.73	0.00	-2.00%	0.00	1569.73	HB45	0.0060	3.6760	0.0000	1.192	1.226	**Left**	HB45	12.00	0.00	4.50	1.70	6.20	18.000	**OK**	0.543	0.572	2.228	2.145		1.226
	Grade		2087+35.00	HB45	1568.30	73.16	-2.00%	0.00	1569.76	0.00	-2.00%	0.00	1569.76	HB45	0.0060	3.6676	0.0000	1.159	1.192	**Left**	HB45	12.00	0.00	4.50	1.60	6.10	18.000	**OK**	0.534	0.560	2.206	2.130		1.192
	Grade		2087+40.00	HB45	1568.33	73.17	-2.00%	0.00	1569.79	0.00	-2.00%	0.00	1569.79	HB45	0.0060	3.6592	0.0000	1.125	1.159	**Left**	HB45	12.00	0.00	4.50	1.50	6.00	18.000	**OK**	0.525	0.548	2.184	2.115		1.159
	Grade		2087+45.00	HB45	1568.36	73.18	-2.00%	0.00	1569.82	0.00	-2.00%	0.00	1569.82	HB45	0.0060	3.6508	0.0000	1.091	1.125	**Left**	HB45	12.00	0.00	4.50	1.40	5.90	18.000	**OK**	0.516	0.536	2.160	2.100		1.125
	Grade		2087+50.00	HB45	1568.39	73.20	-2.00%	0.00	1569.85	0.00	-2.00%	0.00	1569.85	HB45	0.0060	3.6424	0.0000	1.057	1.091	**Left**	HB45	12.00	0.00	4.50	1.30	5.80	18.000	**OK**	0.507	0.524	2.137	2.083		1.091
	Grade		2087+55.00	HB45	1568.42	73.21	-2.00%	0.00	1569.88	0.00	-2.00%	0.00	1569.88	HB45	0.0060	3.6340	0.0000	1.024	1.057	**Left**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.498	0.512	2.113	2.066		1.057
	Grade		2087+60.00	HB45	1568.45	73.22	-2.00%	0.00	1569.91	0.00	-2.00%	0.00	1569.91	HB45	0.0060	3.6256	0.0000	0.990	1.024	**Left**	HB45	12.00	0.00	4.50	1.09	5.59	18.000	**OK**	0.488	0.500	2.088	2.049		1.024
	Grade		2087+65.00	HB45	1568.48	73.23	-2.00%	0.00	1569.94	0.00	-2.00%	0.00	1569.94	HB45	0.0060	3.6172	0.0000	0.956	0.990	**Left**	HB45	12.00	0.00	4.50	0.98	5.48	18.000	**OK**	0.478	0.488	2.063	2.030		0.990
	Grade		2087+70.00	HB45	1568.51	73.24	-2.00%	0.00	1569.97	0.00	-2.00%	0.00	1569.97	HB45	0.0060	3.6088	0.0000	0.923	0.956	**Left**	HB45	12.00	0.00	4.50	0.87	5.37	18.000	**OK**	0.468	0.476	2.037	2.010		0.956
	Grade		2087+75.00	HB45	1568.53	73.25	-2.00%	0.00	1570.00	0.00	-2.00%	0.00	1570.00	HB45	0.0060	3.6004	0.0000	0.889	0.923	**Left**	HB45	12.00	0.00	4.50	0.76	5.26	18.000	**OK**	0.458	0.464	2.010	1.990		0.923
	Grade		2087+80.00	HB45	1568.56	73.26	-2.00%	0.00	1570.03	0.00	-2.00%	0.00	1570.03	HB45	0.0060	3.5920	0.0000	0.855	0.889	**Left**	HB45	12.00	0.00	4.50	0.64	5.14	18.000	**OK**	0.448	0.452	1.983	1.968		0.889
	Grade		2087+85.00	HB45	1568.59	73.27	-2.00%	0.00	1570.06	0.00	-2.00%	0.00	1570.06	HB45	0.0060	3.5836	0.0000	0.822	0.855	**Left**	HB45	12.00	0.00	4.50	0.52	5.02	18.000	**OK**	0.437	0.440	1.955	1.945		0.855
	Grade		2087+90.00	HB45	1568.62	73.29	-2.00%	0.00	1570.09	0.00	-2.00%	0.00	1570.09	HB45	0.0060	3.5751	0.0000	0.788	0.822	**Left**	HB45	12.00	0.00	4.50	0.40	4.90	18.000	**OK**	0.426	0.428	1.927	1.920		0.822
	Grade		2087+95.00	HB45	1568.65	73.30	-2.00%	0.00	1570.12	0.00	-2.00%	0.00	1570.12	HB45	0.0060	3.5667	0.0000	0.754	0.788	**Left**	HB45	12.00	0.00	4.50	0.28	4.78	18.000	**OK**	0.415	0.416	1.897	1.894		0.788
	Grade		2088+00.00	HB45	1568.68	73.31	-2.00%	0.00	1570.15	0.00	-2.00%	0.00	1570.15	HB45	0.0060	3.5583	0.0000	0.720	0.754	**Left**	HB45	12.00	0.00	4.50	0.15	4.65	18.000	**OK**	0.404	0.404	1.867	1.866		0.754
	Grade		2088+05.00	HB45	1568.71	73.32	-2.00%	0.00	1570.18	0.00	-2.00%	0.00	1570.18	HB45	0.0060	3.5499	0.0000	0.687	0.720	**Left**	HB45	12.00	0.00	4.50	0.03	4.53	18.000	**OK**	0.392	0.392	1.836	1.836		0.720
	Grade		2088+10.00	HB45	1568.74	73.33	-2.00%	0.00	1570.21	0.00	-2.00%	0.00	1570.21	HB45	0.0060	3.5415	0.0000	0.653	0.687	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.381	0.381	1.805	1.805		0.687
	Grade		2088+15.00	HB45	1568.77	73.34	-2.00%	0.00	1570.24	0.00	-2.00%	0.00	1570.24	HB45	0.0060	3.5331	0.0000	0.619	0.653	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.368	0.368	1.772	1.772		0.653
	Grade		2088+20.00	HB45	1568.80	73.35	-2.00%	0.00	1570.27	0.00	-2.00%	0.00	1570.27	HB45	0.0060	3.5247	0.0000	0.585	0.619	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.356	0.356	1.739	1.739		0.619
	Grade		2088+25.00	HB45	1568.83	73.36	-2.00%	0.00	1570.30	0.00	-2.00%	0.00	1570.30	HB45	0.0060	3.5162	0.0000	0.552	0.585	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	1.705	1.705		0.585
	Grade		2088+30.00	HB45	1568.86	73.38	-2.00%	0.00	1570.33	0.00	-2.00%	0.00	1570.33	HB45	0.0060	3.5078	0.0000	0.518	0.552	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.330	0.330	1.670	1.670		0.552
	Grade		2088+35.00	HB45	1568.89	73.39	-2.00%	0.00	1570.36	0.00	-2.00%	0.00	1570.36	HB45	0.0060	3.4994	0.0000	0.484	0.518	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.317	0.317	1.634	1.634		0.518
	Grade		2088+40.00	HB45	1568.92	73.40	-2.00%	0.00	1570.39	0.00	-2.00%	0.00	1570.39	HB45	0.0060	3.4910	0.0000	0.450	0.484	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.303	0.303	1.596	1.596		0.484
	Grade		2088+45.00	HB45	1568.95	73.41	-2.00%	0.00	1570.42	0.00	-2.00%	0.00	1570.42	HB45	0.0060	3.4825	0.0000	0.417	0.450	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.289	0.289	1.558	1.558		0.450
	Grade		2088+50.00	HB45	1568.98	73.42	-2.00%	0.00	1570.45	0.00	-2.00%	0.00	1570.45	HB45	0.0060	3.4741	0.0000	0.383	0.417	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.274	0.274	1.519	1.519		0.417
	Grade		2088+55.00	HB45	1569.01	73.43	-2.00%	0.00	1570.48	0.00	-2.00%	0.00	1570.48	HB45	0.0060	3.4657	0.0000	0.349	0.383	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	1.479	1.479		0.383
	Grade		2088+60.00	HB45	1569.04	73.44	-2.00%	0.00	1570.51	0.00	-2.00%	0.00	1570.51	HB45	0.0060	3.4573	0.0000	0.315	0.349	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.243	0.243	1.437	1.437		0.349
	Grade		2088+65.00	HB45	1569.07	73.45	-2.00%	0.00	1570.54	0.00	-2.00%	0.00	1570.54	HB45	0.0060	3.4488	0.0000	0.281	0.315	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.226	0.226	1.395	1.395		0.315
	Grade		2088+70.00	HB45	1569.10	73.47	-2.00%	0.00	1570.57	0.00	-2.00%	0.00	1570.57	HB45	0.0060	3.4404	0.0000	0.248	0.281	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.208	0.208	1.353	1.353		0.281
	Grade		2088+75.00	HB45	1569.13	73.48	-2.00%	0.00	1570.60	0.00	-2.00%	0.00	1570.60	HB45	0.0060	3.4320	0.0000	0.214	0.248	**Left**	HB45	12.00	0.00	4.35	0.00	4.35	18.000	**OK**	0.189	0.189	1.310	1.310		0.248
	Grade		2088+80.00	HB45	1569.16	73.49	-2.00%	0.00	1570.63	0.00	-2.00%	0.00	1570.63	HB45	0.0060	3.4235	0.0000	0.180	0.214	**Left**	HB45	12.00	0.00	4.12	0.00	4.12	18.000	**OK**	0.169	0.169	1.263	1.263		0.214
	Grade		2088+85.00	HB45	1569.19	73.50	-2.00%	0.00	1570.66	0.00	-2.00%	0.00	1570.66	HB45	0.0060	3.4151	0.0000	0.146	0.180	**Left**	HB45	12.00	0.00	3.86	0.00	3.86	18.000	**OK**	0.149	0.149	1.209	1.209		0.180
	Grade		2088+90.00	HB45	1569.22	73.51	-2.00%	0.00	1570.69	0.00	-2.00%	0.00	1570.69	HB45	0.0060	3.4067	0.0000	0.112	0.146	**Left**	HB45	12.00	0.00	3.57	0.00	3.57	18.000	**OK**	0.127	0.127	1.148	1.148		0.146
	Grade		2088+95.00	HB45	1569.25	73.52	-2.00%	0.00	1570.72	0.00	-2.00%	0.00	1570.72	HB45	0.0060	3.3982	0.0000	0.079	0.112	**Left**	HB45	12.00	0.00	3.23	0.00	3.23	18.000	**OK**	0.105	0.105	1.075	1.075		0.112
	Grade	3	2089+00.00	HB45	1569.28	73.53	-2.00%	0.00	1570.75	0.00	-2.00%	0.00	1570.75	HB45	0.0060	3.3898	0.0000	1.694	1.728	**Left**	HB45	12.00	0.00	4.50	2.98	7.48	18.000	**OK**	0.658	0.747	2.514	2.313	3	1.728
	Grade		2089+05.00	HB45	1569.31	73.55	-2.00%	0.00	1570.78	0.00	-2.00%	0.00	1570.78	HB45	0.0060	3.3814	0.0000	1.660	1.694	**Left**	HB45	12.00	0.00	4.50	2.90	7.40	18.000	**OK**	0.651	0.735	2.496	2.304		1.694
	Grade		2089+10.00	HB45	1569.34	73.56	-2.00%	0.00	1570.81	0.00	-2.00%	0.00	1570.81	HB45	0.0060	3.3729	0.0000	1.626	1.660	**Left**	HB45	12.00	0.00	4.50	2.82	7.32	18.000	**OK**	0.644	0.724	2.479	2.294		1.660
	Grade		2089+15.00	HB45	1569.37	73.57	-2.00%	0.00	1570.84	0.00	-2.00%	0.00	1570.84	HB45	0.0060	3.3645	0.0000	1.593	1.626	**Left**	HB45	12.00	0.00	4.50	2.74	7.24	18.000	**OK**	0.637	0.712	2.462	2.284		1.626
	Grade		2089+20.00	HB45	1569.40	73.58	-2.00%	0.00	1570.87	0.00	-2.00%	0.00	1570.87	HB45	0.0060	3.3560	0.0000	1.559	1.593	**Left**	HB45	12.00	0.00	4.50	2.66	7.16	18.000	**OK**	0.629	0.700	2.444	2.274		1.593
	Grade		2089+25.00	HB45	1569.43	73.59	-2.00%	0.00	1570.90	0.00	-2.00%	0.00	1570.90	HB45	0.0060	3.3476	0.0000	1.525	1.559	**Left**	HB45	12.00	0.00	4.50	2.58	7.08	18.000	**OK**	0.622	0.689	2.426	2.264		1.559
	Grade		2089+30.00	HB45	1569.46	73.60	-2.00%	0.00	1570.93	0.00	-2.00%	0.00	1570.93	HB45	0.0060	3.3391	0.0000	1.491	1.525	**Left**	HB45	12.00	0.00	4.50	2.49	6.99	18.000	**OK**	0.615	0.677	2.407	2.253		1.525
	Grade		2089+35.00	HB45	1569.49	73.61	-2.00%	0.00	1570.96	0.00	-2.00%	0.00	1570.96	HB45	0.0060	3.3307	0.0000	1.457	1.491	**Left**	HB45	12.00	0.00	4.50	2.41	6.91	18.000	**OK**	0.607	0.665	2.388	2.242		1.491
	Grade		2089+40.00	HB45	1569.52	73.62	-2.00%	0.00	1570.99	0.00	-2.00%	0.00	1570.99	HB45	0.0060	3.3222	0.0000	1.423	1.457	**Left**	HB45	12.00	0.00	4.50	2.32	6.82	18.000	**OK**	0.599	0.653	2.369	2.231		1.457
	Grade		2089+45.00	HB45	1569.55	73.64	-2.00%	0.00	1571.02	0.00	-2.00%	0.00	1571.02	HB45	0.0060	3.3138	0.0000	1.389	1.423	**Left**	HB45	12.00	0.00	4.50	2.24	6.74	18.000	**OK**	0.591	0.641	2.350	2.220		1.423
	Grade		2089+50.00	HB45	1569.58	73.65	-2.00%	0.00	1571.05	0.00	-2.00%	0.00	1571.05	HB45	0.0060	3.3053	0.0000	1.355	1.389	**Left**	HB45	12.00	0.00	4.50	2.15	6.65	18.000	**OK**	0.583	0.629	2.330	2.208		1.389

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2089+55.00	HB45	1569.61	73.66	-2.00%	0.00	1571.08	0.00	-2.00%	0.00	1571.08	HB45	0.0060	3.2969	0.0000	1.322	1.355	**Left**	HB45	12.00	0.00	4.50	2.06	6.56	18.000	**OK**	0.575	0.617	2.309	2.196		1.355
	Grade		2089+60.00	HB45	1569.64	73.67	-2.00%	0.00	1571.11	0.00	-2.00%	0.00	1571.11	HB45	0.0060	3.2884	0.0000	1.288	1.322	**Left**	HB45	12.00	0.00	4.50	1.96	6.46	18.000	**OK**	0.567	0.605	2.289	2.183		1.322
	Grade		2089+65.00	HB45	1569.67	73.68	-2.00%	0.00	1571.14	0.00	-2.00%	0.00	1571.14	HB45	0.0060	3.2800	0.0000	1.254	1.288	**Left**	HB45	12.00	0.00	4.50	1.87	6.37	18.000	**OK**	0.558	0.593	2.268	2.170		1.288
	Grade		2089+70.00	HB45	1569.70	73.69	-2.00%	0.00	1571.17	0.00	-2.00%	0.00	1571.17	HB45	0.0060	3.2715	0.0000	1.220	1.254	**Left**	HB45	12.00	0.00	4.50	1.78	6.28	18.000	**OK**	0.550	0.581	2.246	2.156		1.254
	Grade		2089+75.00	HB45	1569.73	73.70	-2.00%	0.00	1571.20	0.00	-2.00%	0.00	1571.20	HB45	0.0060	3.2631	0.0000	1.186	1.220	**Left**	HB45	12.00	0.00	4.50	1.68	6.18	18.000	**OK**	0.541	0.569	2.224	2.142		1.220
	Grade		2089+80.00	HB45	1569.76	73.71	-2.00%	0.00	1571.23	0.00	-2.00%	0.00	1571.23	HB45	0.0060	3.2546	0.0000	1.152	1.186	**Left**	HB45	12.00	0.00	4.50	1.58	6.08	18.000	**OK**	0.532	0.557	2.202	2.127		1.186
	Grade		2089+85.00	HB45	1569.79	73.73	-2.00%	0.00	1571.26	0.00	-2.00%	0.00	1571.26	HB45	0.0060	3.2461	0.0000	1.118	1.152	**Left**	HB45	12.00	0.00	4.50	1.48	5.98	18.000	**OK**	0.523	0.545	2.179	2.112		1.152
	Grade		2089+90.00	HB45	1569.82	73.74	-2.00%	0.00	1571.29	0.00	-2.00%	0.00	1571.29	HB45	0.0060	3.2377	0.0000	1.084	1.118	**Left**	HB45	12.00	0.00	4.50	1.38	5.88	18.000	**OK**	0.514	0.533	2.156	2.096		1.118
	Grade		2089+95.00	HB45	1569.85	73.75	-2.00%	0.00	1571.32	0.00	-2.00%	0.00	1571.32	HB45	0.0060	3.2292	0.0000	1.050	1.084	**Left**	HB45	12.00	0.00	4.50	1.28	5.78	18.000	**OK**	0.505	0.521	2.132	2.080		1.084
	Grade		2090+00.00	HB45	1569.87	73.76	-2.00%	0.00	1571.35	0.00	-2.00%	0.00	1571.35	HB45	0.0060	3.2207	0.0000	1.016	1.050	**Left**	HB45	12.00	0.00	4.50	1.17	5.67	18.000	**OK**	0.495	0.509	2.107	2.063		1.050
	Grade		2090+05.00	HB45	1569.90	73.94	-2.00%	0.00	1571.38	0.00	-2.00%	0.00	1571.38	HB45	0.0060	3.2123	0.0000	0.982	1.016	**Left**	HB45	12.00	0.00	4.50	1.06	5.56	18.000	**OK**	0.486	0.497	2.082	2.044		1.016
	Grade		2090+10.00	HB45	1569.93	74.11	-2.00%	0.00	1571.41	0.00	-2.00%	0.00	1571.41	HB45	0.0060	3.2038	0.0000	0.948	0.982	**Left**	HB45	12.00	0.00	4.50	0.95	5.45	18.000	**OK**	0.476	0.485	2.057	2.025		0.982
	Grade		2090+15.00	HB45	1569.95	74.29	-2.00%	0.00	1571.44	0.00	-2.00%	0.00	1571.44	HB45	0.0060	3.1953	0.0000	0.914	0.948	**Left**	HB45	12.00	0.00	4.50	0.84	5.34	18.000	**OK**	0.466	0.473	2.030	2.005		0.948
	Grade		2090+20.00	HB45	1569.98	74.47	-2.00%	0.00	1571.47	0.00	-2.00%	0.00	1571.47	HB45	0.0060	3.1868	0.0000	0.880	0.914	**Left**	HB45	12.00	0.00	4.50	0.73	5.23	18.000	**OK**	0.455	0.461	2.003	1.984		0.914
	Grade		2090+25.00	HB45	1570.01	74.65	-2.00%	0.00	1571.50	0.00	-2.00%	0.00	1571.50	HB45	0.0060	3.1783	0.0000	0.846	0.880	**Left**	HB45	12.00	0.00	4.50	0.61	5.11	18.000	**OK**	0.445	0.449	1.976	1.962		0.880
	Grade		2090+30.00	HB45	1570.03	74.82	-2.00%	0.00	1571.53	0.00	-2.00%	0.00	1571.53	HB45	0.0060	3.1697	0.0000	0.811	0.846	**Left**	HB45	12.00	0.00	4.50	0.49	4.99	18.000	**OK**	0.434	0.436	1.947	1.938		0.846
	Grade		2090+35.00	HB45	1570.06	75.00	-2.00%	0.00	1571.56	0.00	-2.00%	0.00	1571.56	HB45	0.0060	3.1611	0.0000	0.777	0.811	**Left**	HB45	12.00	0.00	4.50	0.37	4.87	18.000	**OK**	0.423	0.424	1.918	1.912		0.811
	Grade		2090+40.00	HB45	1570.09	75.18	-2.00%	0.00	1571.59	0.00	-2.00%	0.00	1571.59	HB45	0.0060	3.1525	0.0000	0.742	0.777	**Left**	HB45	12.00	0.00	4.50	0.24	4.74	18.000	**OK**	0.411	0.412	1.887	1.885		0.777
	Grade		2090+45.00	HB45	1570.11	75.36	-2.00%	0.00	1571.62	0.00	-2.00%	0.00	1571.62	HB45	0.0060	3.1439	0.0000	0.708	0.742	**Left**	HB45	12.00	0.00	4.50	0.11	4.61	18.000	**OK**	0.400	0.400	1.856	1.856		0.742
	Grade		2090+50.00	HB45	1570.14	75.53	-2.00%	0.00	1571.65	0.00	-2.00%	0.00	1571.65	HB45	0.0060	3.1353	0.0000	0.673	0.708	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.388	0.388	1.824	1.824		0.708
	Grade		2090+55.00	HB45	1570.17	75.71	-2.00%	0.00	1571.68	0.00	-2.00%	0.00	1571.68	HB45	0.0060	3.1266	0.0000	0.638	0.673	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.376	0.376	1.791	1.791		0.673
	Grade		2090+60.00	HB45	1570.19	75.89	-2.00%	0.00	1571.71	0.00	-2.00%	0.00	1571.71	HB45	0.0060	3.1179	0.0000	0.603	0.638	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.363	0.363	1.758	1.758		0.638
	Grade		2090+65.00	HB45	1570.22	76.07	-2.00%	0.00	1571.74	0.00	-2.00%	0.00	1571.74	HB45	0.0060	3.1092	0.0000	0.568	0.603	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.350	0.350	1.723	1.723		0.603
	Grade		2090+70.00	HB45	1570.25	76.24	-2.00%	0.00	1571.77	0.00	-2.00%	0.00	1571.77	HB45	0.0060	3.1005	0.0000	0.533	0.568	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.337	0.337	1.687	1.687		0.568
	Grade		2090+75.00	HB45	1570.27	76.42	-2.00%	0.00	1571.80	0.00	-2.00%	0.00	1571.80	HB45	0.0060	3.0918	0.0000	0.498	0.533	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.323	0.323	1.650	1.650		0.533
	Grade		2090+80.00	HB45	1570.30	76.60	-2.00%	0.00	1571.83	0.00	-2.00%	0.00	1571.83	HB45	0.0060	3.0830	0.0000	0.463	0.498	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.309	0.309	1.612	1.612		0.498
	Grade		2090+85.00	HB45	1570.32	76.77	-2.00%	0.00	1571.86	0.00	-2.00%	0.00	1571.86	HB45	0.0060	3.0742	0.0000	0.428	0.463	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.294	0.294	1.572	1.572		0.463
	Grade		2090+90.00	HB45	1570.35	76.95	-2.00%	0.00	1571.89	0.00	-2.00%	0.00	1571.89	HB45	0.0060	3.0654	0.0000	0.392	0.428	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.279	0.279	1.532	1.532		0.428
	Grade		2090+95.00	HB45	1570.38	77.13	-2.00%	0.00	1571.92	0.00	-2.00%	0.00	1571.92	HB45	0.0060	3.0566	0.0000	0.357	0.392	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.263	0.263	1.490	1.490		0.392
	Grade		2091+00.00	HB45	1570.40	77.31	-2.00%	0.00	1571.95	0.00	-2.00%	0.00	1571.95	HB45	0.0060	3.0477	0.0000	0.321	0.357	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.247	0.247	1.447	1.447		0.357
	Grade		2091+05.00	HB45	1570.43	77.48	-2.00%	0.00	1571.98	0.00	-2.00%	0.00	1571.98	HB45	0.0060	3.0389	0.0000	0.286	0.321	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.229	0.229	1.402	1.402		0.321
	Grade		2091+10.00	HB45	1570.46	77.66	-2.00%	0.00	1572.01	0.00	-2.00%	0.00	1572.01	HB45	0.0060	3.0300	0.0000	0.250	0.286	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.210	0.210	1.358	1.358		0.286
	Grade		2091+15.00	HB45	1570.48	77.84	-2.00%	0.00	1572.04	0.00	-2.00%	0.00	1572.04	HB45	0.0060	3.0211	0.0000	0.214	0.250	**Left**	HB45	12.00	0.00	4.36	0.00	4.36	18.000	**OK**	0.190	0.190	1.313	1.313		0.250
	Grade		2091+20.00	HB45	1570.51	78.02	-2.00%	0.00	1572.07	0.00	-2.00%	0.00	1572.07	HB45	0.0060	3.0122	0.0000	0.178	0.214	**Left**	HB45	12.00	0.00	4.12	0.00	4.12	18.000	**OK**	0.169	0.169	1.263	1.263		0.214
	Grade	3	2091+25.00	HB45	1570.54	78.19	-2.00%	0.00	1572.10	0.00	-2.00%	0.00	1572.10	HB45	0.0060	3.0032	0.0000	2.208	2.244	**Left**	HB45	12.00	0.00	4.50	4.07	8.57	18.000	**OK**	0.756	0.922	2.745	2.435	3	2.244
	Grade		2091+30.00	HB45	1570.56	78.37	-2.00%	0.00	1572.13	0.00	-2.00%	0.00	1572.13	HB45	0.0060	2.9943	0.0000	2.172	2.208	**Left**	HB45	12.00	0.00	4.50	4.00	8.50	18.000	**OK**	0.750	0.910	2.731	2.428		2.208
	Grade		2091+35.00	HB45	1570.59	78.55	-2.00%	0.00	1572.16	0.00	-2.00%	0.00	1572.16	HB45	0.0060	2.9853	0.0000	2.136	2.172	**Left**	HB45	12.00	0.00	4.50	3.93	8.43	18.000	**OK**	0.743	0.898	2.716	2.420		2.172
	Grade		2091+40.00	HB45	1570.62	78.73	-2.00%	0.00	1572.19	0.00	-2.00%	0.00	1572.19	HB45	0.0060	2.9763	0.0000	2.100	2.136	**Left**	HB45	12.00	0.00	4.50	3.85	8.35	18.000	**OK**	0.737	0.885	2.701	2.412		2.136
	Grade		2091+45.00	HB45	1570.64	78.90	-2.00%	0.00	1572.22	0.00	-2.00%	0.00	1572.22	HB45	0.0060	2.9672	0.0000	2.064	2.100	**Left**	HB45	12.00	0.00	4.50	3.78	8.28	18.000	**OK**	0.730	0.873	2.685	2.404		2.100
	Grade		2091+50.00	HB45	1570.67	79.08	-2.00%	0.00	1572.25	0.00	-2.00%	0.00	1572.25	HB45	0.0060	2.9582	0.0000	2.027	2.064	**Left**	HB45	12.00	0.00	4.50	3.71	8.21	18.000	**OK**	0.724	0.861	2.670	2.396		2.064
	Grade		2091+55.00	HB45	1570.69	79.26	-2.00%	0.00	1572.28	0.00	-2.00%	0.00	1572.28	HB45	0.0060	2.9491	0.0000	1.991	2.027	**Left**	HB45	12.00	0.00	4.50	3.63	8.13	18.000	**OK**	0.717	0.849	2.654	2.388		2.027
	Grade		2091+60.00	HB45	1570.72	79.43	-2.00%	0.00	1572.31	0.00	-2.00%	0.00	1572.31	HB45	0.0060	2.9400	0.0000	1.954	1.991	**Left**	HB45	12.00	0.00	4.50	3.56	8.06	18.000	**OK**	0.710	0.837	2.638	2.379		1.991
	Grade		2091+65.00	HB45	1570.75	79.61	-2.00%	0.00	1572.34	0.00	-2.00%	0.00	1572.34	HB45	0.0060	2.9309	0.0000	1.918	1.954	**Left**	HB45	12.00	0.00	4.50	3.48	7.98	18.000	**OK**	0.703	0.824	2.621	2.371		1.954
	Grade		2091+70.00	HB45	1570.77	79.79	-2.00%	0.00	1572.37	0.00	-2.00%	0.00	1572.37	HB45	0.0060	2.9218	0.0000	1.881	1.918	**Left**	HB45	12.00	0.00	4.50	3.40	7.90	18.000	**OK**	0.696	0.812	2.604	2.362		1.918
	Grade		2091+75.00	HB45	1570.80	79.97	-2.00%	0.00	1572.40	0.00	-2.00%	0.00	1572.40	HB45	0.0060	2.9127	0.0000	1.844	1.881	**Left**	HB45	12.00	0.00	4.50	3.32	7.82	18.000	**OK**	0.689	0.799	2.587	2.353		1.881
	Grade		2091+80.00	HB45	1570.83	80.14	-2.00%	0.00	1572.43	0.00	-2.00%	0.00	1572.43	HB45	0.0060	2.9035	0.0000	1.807	1.844	**Left**	HB45	12.00	0.00	4.50	3.24	7.74	18.000	**OK**	0.682	0.787	2.570	2.344		1.844
	Grade		2091+85.00	HB45	1570.85	80.32	-2.00%	0.00	1572.46	0.00	-2.00%	0.00	1572.46	HB45	0.0060	2.8943	0.0000	1.770	1.807	**Left**	HB45	12.00	0.00	4.50	3.16	7.66	18.000	**OK**	0.674	0.774	2.552	2.334		1.807
	Grade		2091+90.00	HB45	1570.88	80.50	-2.00%	0.00	1572.49	0.00	-2.00%	0.00	1572.49	HB45	0.0060	2.8851	0.0000	1.733	1.770	**Left**	HB45	12.00	0.00	4.50	3.08	7.58	18.000	**OK**	0.667	0.762	2.535	2.325		1.770
	Grade		2091+95.00	HB45	1570.91	80.68	-2.00%	0.00	1572.52	0.00	-2.00%	0.00	1572.52	HB45	0.0060	2.8759	0.0000	1.696	1.733	**Left**	HB45	12.00	0.00	4.50	2.99	7.49	18.000	**OK**	0.659	0.749	2.516	2.315		1.733
	Grade		2092+00.00	HB45	1570.93	80.85	-2.00%	0.00	1572.55	0.00	-2.00%	0.00	1572.55	HB45	0.0060	2.8666	0.0000	1.659	1.696	**Left**	HB45	12.00	0.00	4.50	2.91	7.41	18.000	**OK**	0.652	0.736	2.498	2.304		1.696
	Grade		2092+05.00	HB45	1570.96	81.03	-2.00%	0.00	1572.58	0.00	-2.00%	0.00	1572.58	HB45	0.0060	2.8573	0.0000	1.622	1.659	**Left**	HB45	12.00	0.00	4.50	2.82	7.32	18.000	**OK**	0.644	0.723	2.479	2.294		1.659
	Grade		2092+10.00	HB45	1570.99	81.21	-2.00%	0.00	1572.61	0.00	-2.00%	0.00	1572.61	HB45	0.0060	2.8480	0.0000	1.585	1.622	**Left**	HB45	12.00	0.00	4.50	2.73	7.23	18.000	**OK**	0.636	0.710	2.459	2.283		1.622
	Grade		2092+15.00	HB45	1571.01	81.39	-2.00%	0.00	1572.64	0.00	-2.00%	0.00	1572.64	HB45	0.0060	2.8387	0.0000	1.547	1.585	**Left**	HB45	12.00	0.00	4.50	2.64	7.14	18.000	**OK**	0.628	0.698	2.439	2.272		1.585
	Grade		2092+20.00	HB45	1571.04	81.56	-2.00%	0.00	1572.67	0.00	-2.00%	0.00	1572.67	HB45	0.0060	2.8294	0.0000	1.510	1.547	**Left**	HB45	12.00	0.00	4.50	2.55	7.05	18.000	**OK**	0.620	0.685	2.419	2.260		1.547
	Grade		2092+25.00	HB45	1571.07	81.74	-2.00%	0.00	1572.70	0.00	-2.00%	0.00	1572.70	HB45	0.0060	2.8201	0.0000	1.472	1.510	**Left**	HB45	12.00	0.00	4.50	2.46	6.96	18.000	**OK**	0.611	0.671	2.399	2.248		1.510
	Grade		2092+30.00	HB45	1571.09	81.92	-2.00%	0.00	1572.73	0.00	-2.00%	0.00	1572.73	HB45	0.0060	2.8107	0.0000	1.435	1.472	**Left**	HB45	12.00	0.00	4.50	2.36	6.86	18.000	**OK**	0.603	0.658	2.378	2.236		1.472
	Grade		2092+35.00	HB45	1571.12	82.09	-2.00%	0.00	1572.76	0.00	-2.00%	0.00	1572.76	HB45	0.0060	2.8013	0.0000	1.397	1.435	**Left**	HB45	12.00	0.00	4.50	2.26	6.76	18.000	**OK**	0.594	0.645	2.356	2.224		1.435
	Grade		2092+40.00	HB45	1571.14	82.27	-2.00%	0.00	1572.79	0.00	-2.00%	0.00	1572.79	HB45	0.0060	2.7919	0.0000	1.359	1.397	**Left**	HB45	12.00	0.00	4.50	2.17	6.67	18.000	**OK**	0.585	0.632	2.334	2.210		1.397
	Grade		2092+45.00	HB45	1571.17	82.45	-2.00%	0.00	1572.82	0.00	-2.00%	0.00	1572.82	HB45	0.0060	2.7824	0.0000	1.321	1.359	**Left**	HB45	12.00	0.00	4.50	2.07	6.57	18.000	**OK**	0.576	0.619	2.312	2.197		1.359
	Grade		2092+50.00	HB45	1571.20	82.63	-2.00%	0.00	1572.85	0.00	-2.00%	0.00	1572.85	HB45	0.0060	2.7730	0.0000	1.283	1.321	**Left**	HB45	12.00	0.00	4.50	1.96	6.46	18.000	**OK**	0.567	0.605	2.289	2.183		1.321
	Grade		2092+55.00	HB45	1571.22	82.80	-2.00%	0.00	1572.88	0.00	-2.00%	0.00	1572.88	HB45	0.0060	2.7635	0.0000	1.245	1.283	**Left**	HB45	12.00	0.00	4.50	1.86	6.36	18.000	**OK**	0.557	0.592	2.265	2.168		1.283
	Grade		2092+60.00	HB45	1571.25	82.98	-2.00%	0.00	1572.91	0.00	-2.00%	0.00	1572.91	HB45	0.0060	2.7540	0.0000	1.207	1.245	**Left**	HB45	12.00	0.00	4.50	1.75	6.25	18.000	**OK**	0.548	0.578	2.241	2.153		1.245
	Grade		2092+65.00	HB45	1571.28	83.16	-2.00%	0.00	1572.94	0.00	-2.00%	0.00	1572.94	HB45	0.0060	2.7445	0.0000	1.169	1.207	**Left**	HB45	12.00	0.00	4.50	1.64	6.14	18.000	**OK**	0.538	0.565	2.216	2.137		1.207
	Grade		2092+70.00	HB45	1571.30	83.34	-2.00%	0.00	1572.97	0.00	-2.00%	0.00	1572.97	HB45	0.0060	2.7350	0.0000	1.130	1.169	**Left**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.528	0.551	2.190	2.120		1.169
	Grade		2092+75.00	HB45	1571.33	83.51	-2.00%	0.00	1573.00	0.00	-2.00%	0.00	1573.00	HB45	0.0060	2.7254	0.0000	1.092	1.130	**Left**	HB45	12.00	0.00	4.50	1.42	5.92	18.000	**OK**	0.518	0.538	2.164	2.102		1.130
	Grade		2092+80.00	HB45	1571.36	83.69	-2.00%	0.00	1573.03	0.00	-2.00%	0.00	1573.03	HB45	0.0060	2.7158	0.0000	1.053	1.092	**Left**	HB45	12.00	0.00	4.50	1.30	5.80	18.000	**OK**	0.507	0.524	2.137	2.084		1.092
	Grade		2092+85.00	HB45	1571.38	83.87	-2.00%	0.00	1573.06	0.00	-2.00%	0.00	1573.06	HB45	0.0060	2.7062	0.0000	1.015	1.053	**Left**	HB45	12.00	0.00	4.50	1.18	5.68	18.000	**OK**	0.496	0.510	2.110	2.064		1.053
	Grade		2092+90.00	HB45	1571.41	84.05	-2.00%	0.00	1573.09	0.00	-2.00%	0.00	1573.09	HB45	0.0060	2.6966	0.0000	0.976	1.015	**Left**	HB45	12.00	0.00	4.50	1.06	5.56	18.000	**OK**	0.485	0.497	2.081	2.044		1.015
	Grade		2092+95.00	HB45	1571.44	84.22	-2.00%	0.00	1573.12	0.00	-2.00%	0.00	1573.12	HB45	0.0060	2.6870	0.0000	0.938	0.976	**Left**	HB45	12.00	0.00	4.50	0.93	5.43	18.000	**OK**	0.474	0.483	2.052	2.022		0.976
	Grade		2093+00.00	HB45	1571.46	84.40	-2.00%	0.00	1573.15	0.00	-2.00%	0.00	1573.15	HB45	0.0060	2.6773	0.0000	0.899	0.938	**Left**	HB45	12.00	0.00	4.50	0.81	5.31	18.000	**OK**	0.463	0.469	2.022	1.999		0.938
	Grade		2093+05.00	HB45	1571.49	84.74	-2.00%	0.00	1573.18	0.00	-2.00%	0.00	1573.18	HB45	0.0060	2.6677	0.0000	0.860	0.899	**Left**	HB45	12.00	0.00	4.50	0.67	5.17	18.000	**OK**	0.451	0.455	1.991	1.974		0.899

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2093+10.00	HB45	1571.51	85.07	-2.00%	0.00	1573.21	0.00	-2.00%	0.00	1573.21	HB45	0.0060	2.6579	0.0000	0.821	0.860	**Left**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.439	0.441	1.959	1.948		0.860
	Grade		2093+15.00	HB45	1571.53	85.41	-2.00%	0.00	1573.24	0.00	-2.00%	0.00	1573.24	HB45	0.0060	2.6482	0.0000	0.782	0.821	**Left**	HB45	12.00	0.00	4.50	0.40	4.90	18.000	**OK**	0.426	0.428	1.926	1.920		0.821
	Grade		2093+20.00	HB45	1571.56	85.74	-2.00%	0.00	1573.27	0.00	-2.00%	0.00	1573.27	HB45	0.0060	2.6384	0.0000	0.742	0.782	**Left**	HB45	12.00	0.00	4.50	0.26	4.76	18.000	**OK**	0.413	0.414	1.892	1.889		0.782
	Grade		2093+25.00	HB45	1571.58	86.08	-2.00%	0.00	1573.30	0.00	-2.00%	0.00	1573.30	HB45	0.0060	2.6286	0.0000	0.703	0.742	**Left**	HB45	12.00	0.00	4.50	0.11	4.61	18.000	**OK**	0.400	0.400	1.856	1.856		0.742
	Grade		2093+30.00	HB45	1571.60	86.41	-2.00%	0.00	1573.33	0.00	-2.00%	0.00	1573.33	HB45	0.0060	2.6187	0.0000	0.663	0.703	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	1.820	1.820		0.703
	Grade		2093+35.00	HB45	1571.63	86.75	-2.00%	0.00	1573.36	0.00	-2.00%	0.00	1573.36	HB45	0.0060	2.6088	0.0000	0.623	0.663	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.372	0.372	1.782	1.782		0.663
	Grade		2093+40.00	HB45	1571.65	87.08	-2.00%	0.00	1573.39	0.00	-2.00%	0.00	1573.39	HB45	0.0060	2.5989	0.0000	0.583	0.623	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.358	0.358	1.743	1.743		0.623
	Grade		2093+45.00	HB45	1571.67	87.42	-2.00%	0.00	1573.42	0.00	-2.00%	0.00	1573.42	HB45	0.0060	2.5889	0.0000	0.543	0.583	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	1.702	1.702		0.583
	Grade		2093+50.00	HB45	1571.70	87.75	-2.00%	0.00	1573.45	0.00	-2.00%	0.00	1573.45	HB45	0.0060	2.5789	0.0000	0.503	0.543	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.327	0.327	1.660	1.660		0.543
	Grade		2093+55.00	HB45	1571.72	88.09	-2.00%	0.00	1573.48	0.00	-2.00%	0.00	1573.48	HB45	0.0060	2.5689	0.0000	0.462	0.503	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.311	0.311	1.617	1.617		0.503
	Grade		2093+60.00	HB45	1571.74	88.42	-2.00%	0.00	1573.51	0.00	-2.00%	0.00	1573.51	HB45	0.0060	2.5588	0.0000	0.422	0.462	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.294	0.294	1.572	1.572		0.462
	Grade		2093+65.00	HB45	1571.76	88.76	-2.00%	0.00	1573.54	0.00	-2.00%	0.00	1573.54	HB45	0.0060	2.5486	0.0000	0.381	0.422	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.276	0.276	1.525	1.525		0.422
	Grade		2093+70.00	HB45	1571.79	89.09	-2.00%	0.00	1573.57	0.00	-2.00%	0.00	1573.57	HB45	0.0061	2.5385	0.0000	0.340	0.381	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.257	0.257	1.481	1.481		0.381
	Grade		2093+75.00	HB45	1571.81	89.43	-2.00%	0.00	1573.60	0.00	-2.00%	0.00	1573.60	HB45	0.0062	2.5283	0.0000	0.299	0.340	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.236	0.236	1.441	1.441		0.340
	Grade		2093+80.00	HB45	1571.84	89.76	-2.00%	0.00	1573.63	0.00	-2.00%	0.00	1573.63	HB45	0.0063	2.5180	0.0000	0.258	0.299	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.214	0.214	1.399	1.399		0.299
	Grade		2093+85.00	HB45	1571.86	90.10	-2.00%	0.00	1573.66	0.00	-2.00%	0.00	1573.66	HB45	0.0064	2.5077	0.0000	0.216	0.258	**Left**	HB45	12.00	0.00	4.36	0.00	4.36	18.000	**OK**	0.190	0.190	1.357	1.357		0.258
	Grade		2093+90.00	HB45	1571.89	90.43	-2.00%	0.00	1573.70	0.00	-2.00%	0.00	1573.70	HB45	0.0065	2.4974	0.0000	0.175	0.216	**Left**	HB45	12.00	0.00	4.07	0.00	4.07	18.000	**OK**	0.165	0.165	1.307	1.307		0.216
	Grade		2093+95.00	HB45	1571.92	90.77	-2.00%	0.00	1573.73	0.00	-2.00%	0.00	1573.73	HB45	0.0067	2.4870	0.0000	0.133	0.175	**Left**	HB45	12.00	0.00	3.74	0.00	3.74	18.000	**OK**	0.140	0.140	1.248	1.248		0.175
	Grade	3	2094+00.00	HB45	1571.94	91.10	-2.00%	0.00	1573.76	0.00	-2.00%	0.00	1573.76	HB45	0.0068	2.4766	0.0000	2.078	2.120	**Left**	HB45	12.00	0.00	4.50	3.57	8.07	18.000	**OK**	0.711	0.838	2.804	2.529	3	2.120
	Grade		2094+05.00	HB45	1571.97	91.44	-2.00%	0.00	1573.80	0.00	-2.00%	0.00	1573.80	HB45	0.0069	2.4662	0.0000	2.036	2.078	**Left**	HB45	12.00	0.00	4.50	3.45	7.95	18.000	**OK**	0.700	0.819	2.802	2.537		2.078
	Grade		2094+10.00	HB45	1572.00	91.77	-2.00%	0.00	1573.83	0.00	-2.00%	0.00	1573.83	HB45	0.0070	2.4557	0.0000	1.994	2.036	**Left**	HB45	12.00	0.00	4.50	3.33	7.83	18.000	**OK**	0.690	0.800	2.798	2.544		2.036
	Grade		2094+15.00	HB45	1572.03	92.11	-2.00%	0.00	1573.87	0.00	-2.00%	0.00	1573.87	HB45	0.0071	2.4452	0.0000	1.951	1.994	**Left**	HB45	12.00	0.00	4.50	3.21	7.71	18.000	**OK**	0.679	0.782	2.794	2.551		1.994
	Grade		2094+20.00	HB45	1572.06	92.44	-2.00%	0.00	1573.91	0.00	-2.00%	0.00	1573.91	HB45	0.0072	2.4347	0.0000	1.909	1.951	**Left**	HB45	12.00	0.00	4.50	3.09	7.59	18.000	**OK**	0.668	0.763	2.788	2.556		1.951
	Grade		2094+25.00	HB45	1572.09	92.78	-2.00%	0.00	1573.94	0.00	-2.00%	0.00	1573.94	HB45	0.0074	2.4241	0.0000	1.866	1.909	**Left**	HB45	12.00	0.00	4.50	2.97	7.47	18.000	**OK**	0.657	0.745	2.782	2.562		1.909
	Grade		2094+30.00	HB45	1572.12	93.11	-2.00%	0.00	1573.98	0.00	-2.00%	0.00	1573.98	HB45	0.0075	2.4134	0.0000	1.824	1.866	**Left**	HB45	12.00	0.00	4.50	2.85	7.35	18.000	**OK**	0.646	0.727	2.775	2.566		1.866
	Grade		2094+35.00	HB45	1572.15	93.45	-2.00%	0.00	1574.02	0.00	-2.00%	0.00	1574.02	HB45	0.0076	2.4028	0.0000	1.781	1.824	**Left**	HB45	12.00	0.00	4.50	2.73	7.23	18.000	**OK**	0.635	0.710	2.767	2.570		1.824
	Grade		2094+40.00	HB45	1572.18	93.78	-2.00%	0.00	1574.06	0.00	-2.00%	0.00	1574.06	HB45	0.0077	2.3921	0.0000	1.738	1.781	**Left**	HB45	12.00	0.00	4.50	2.60	7.10	18.000	**OK**	0.624	0.692	2.759	2.572		1.781
	Grade		2094+45.00	HB45	1572.21	94.12	-2.00%	0.00	1574.10	0.00	-2.00%	0.00	1574.10	HB45	0.0078	2.3813	0.0000	1.694	1.738	**Left**	HB45	12.00	0.00	4.50	2.48	6.98	18.000	**OK**	0.613	0.675	2.749	2.574		1.738
	Grade		2094+50.00	HB45	1572.25	94.45	-2.00%	0.00	1574.14	0.00	-2.00%	0.00	1574.14	HB45	0.0080	2.3705	0.0000	1.651	1.694	**Left**	HB45	12.00	0.00	4.50	2.36	6.86	18.000	**OK**	0.602	0.658	2.738	2.576		1.694
	Grade		2094+55.00	HB45	1572.28	94.79	-2.00%	0.00	1574.18	0.00	-2.00%	0.00	1574.18	HB45	0.0081	2.3597	0.0000	1.607	1.651	**Left**	HB45	12.00	0.00	4.50	2.23	6.73	18.000	**OK**	0.591	0.641	2.726	2.576		1.651
	Grade		2094+60.00	HB45	1572.31	95.12	-2.00%	0.00	1574.22	0.00	-2.00%	0.00	1574.22	HB45	0.0082	2.3489	0.0000	1.564	1.607	**Left**	HB45	12.00	0.00	4.50	2.11	6.61	18.000	**OK**	0.580	0.624	2.714	2.575		1.607
	Grade		2094+65.00	HB45	1572.35	95.46	-2.00%	0.00	1574.26	0.00	-2.00%	0.00	1574.26	HB45	0.0083	2.3380	0.0000	1.520	1.564	**Left**	HB45	12.00	0.00	4.50	1.98	6.48	18.000	**OK**	0.568	0.608	2.700	2.573		1.564
	Grade		2094+70.00	HB45	1572.39	95.79	-2.00%	0.00	1574.30	0.00	-2.00%	0.00	1574.30	HB45	0.0084	2.3270	0.0000	1.476	1.520	**Left**	HB45	12.00	0.00	4.50	1.85	6.35	18.000	**OK**	0.557	0.591	2.685	2.570		1.520
	Grade		2094+75.00	HB45	1572.42	96.13	-2.00%	0.00	1574.34	0.00	-2.00%	0.00	1574.34	HB45	0.0086	2.3160	0.0000	1.432	1.476	**Left**	HB45	12.00	0.00	4.50	1.73	6.23	18.000	**OK**	0.545	0.575	2.669	2.566		1.476
	Grade		2094+80.00	HB45	1572.46	96.46	-2.00%	0.00	1574.39	0.00	-2.00%	0.00	1574.39	HB45	0.0087	2.3050	0.0000	1.387	1.432	**Left**	HB45	12.00	0.00	4.50	1.60	6.10	18.000	**OK**	0.534	0.559	2.652	2.561		1.432
	Grade		2094+85.00	HB45	1572.50	96.80	-2.00%	0.00	1574.43	0.00	-2.00%	0.00	1574.43	HB45	0.0088	2.2940	0.0000	1.343	1.387	**Left**	HB45	12.00	0.00	4.50	1.46	5.96	18.000	**OK**	0.522	0.543	2.633	2.554		1.387
	Grade		2094+90.00	HB45	1572.53	97.13	-2.00%	0.00	1574.48	0.00	-2.00%	0.00	1574.48	HB45	0.0089	2.2829	0.0000	1.298	1.343	**Left**	HB45	12.00	0.00	4.50	1.33	5.83	18.000	**OK**	0.510	0.528	2.614	2.546		1.343
	Grade		2094+95.00	HB45	1572.57	97.47	-2.00%	0.00	1574.52	0.00	-2.00%	0.00	1574.52	HB45	0.0090	2.2718	0.0000	1.254	1.298	**Left**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.498	0.512	2.593	2.536		1.298
	Grade		2095+00.00	HB45	1572.61	97.80	-2.00%	0.00	1574.57	0.00	-2.00%	0.00	1574.57	HB45	0.0092	2.2606	0.0000	1.209	1.254	**Left**	HB45	12.00	0.00	4.50	1.06	5.56	18.000	**OK**	0.485	0.497	2.571	2.524		1.254
	Grade		2095+05.00	HB45	1572.65	98.27	-2.00%	0.00	1574.61	0.00	-2.00%	0.00	1574.61	HB45	0.0093	2.2494	0.0000	1.164	1.209	**Left**	HB45	12.00	0.00	4.50	0.92	5.42	18.000	**OK**	0.473	0.481	2.547	2.510		1.209
	Grade		2095+10.00	HB45	1572.69	98.74	-2.00%	0.00	1574.66	0.00	-2.00%	0.00	1574.66	HB45	0.0094	2.2381	0.0000	1.118	1.164	**Left**	HB45	12.00	0.00	4.50	0.78	5.28	18.000	**OK**	0.460	0.466	2.522	2.495		1.164
	Grade		2095+15.00	HB45	1572.72	99.21	-2.00%	0.00	1574.71	0.00	-2.00%	0.00	1574.71	HB45	0.0095	2.2268	0.0000	1.073	1.118	**Left**	HB45	12.00	0.00	4.50	0.64	5.14	18.000	**OK**	0.447	0.452	2.496	2.476		1.118
	Grade		2095+20.00	HB45	1572.76	99.68	-2.00%	0.00	1574.76	0.00	-2.00%	0.00	1574.76	HB45	0.0096	2.2155	0.0000	1.027	1.073	**Left**	HB45	12.00	0.00	4.50	0.49	4.99	18.000	**OK**	0.434	0.437	2.468	2.456		1.073
	Grade		2095+25.00	HB45	1572.80	100.15	-2.00%	0.00	1574.80	0.00	-2.00%	0.00	1574.80	HB45	0.0097	2.2040	0.0000	0.981	1.027	**Left**	HB45	12.00	0.00	4.50	0.35	4.85	18.000	**OK**	0.421	0.422	2.438	2.432		1.027
	Grade		2095+30.00	HB45	1572.84	100.62	-2.00%	0.00	1574.85	0.00	-2.00%	0.00	1574.85	HB45	0.0099	2.1926	0.0000	0.935	0.981	**Left**	HB45	12.00	0.00	4.50	0.20	4.70	18.000	**OK**	0.408	0.408	2.407	2.405		0.981
	Grade		2095+35.00	HB45	1572.88	101.09	-2.00%	0.00	1574.90	0.00	-2.00%	0.00	1574.90	HB45	0.0100	2.1811	0.0000	0.888	0.935	**Left**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.394	0.394	2.374	2.374		0.935
	Grade		2095+40.00	HB45	1572.92	101.56	-2.00%	0.00	1574.95	0.00	-2.00%	0.00	1574.95	HB45	0.0101	2.1695	0.0000	0.842	0.888	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.380	0.380	2.339	2.339		0.888
	Grade		2095+45.00	HB45	1572.96	102.03	-2.00%	0.00	1575.01	0.00	-2.00%	0.00	1575.01	HB45	0.0102	2.1578	0.0000	0.795	0.842	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.366	0.366	2.303	2.303		0.842
	Grade		2095+50.00	HB45	1573.01	102.50	-2.00%	0.00	1575.06	0.00	-2.00%	0.00	1575.06	HB45	0.0103	2.1462	0.0000	0.748	0.795	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.351	0.351	2.265	2.265		0.795
	Grade		2095+55.00	HB45	1573.05	102.97	-2.00%	0.00	1575.11	0.00	-2.00%	0.00	1575.11	HB45	0.0105	2.1344	0.0000	0.701	0.748	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.336	0.336	2.225	2.225		0.748
	Grade		2095+60.00	HB45	1573.09	103.44	-2.00%	0.00	1575.16	0.00	-2.00%	0.00	1575.16	HB45	0.0106	2.1226	0.0000	0.653	0.701	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.321	0.321	2.183	2.183		0.701
	Grade		2095+65.00	HB45	1573.14	103.91	-2.00%	0.00	1575.22	0.00	-2.00%	0.00	1575.22	HB45	0.0107	2.1108	0.0000	0.605	0.653	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.305	0.305	2.139	2.139		0.653
	Grade		2095+70.00	HB45	1573.18	104.38	-2.00%	0.00	1575.27	0.00	-2.00%	0.00	1575.27	HB45	0.0108	2.0989	0.0000	0.557	0.605	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.289	0.289	2.093	2.093		0.605
	Grade		2095+75.00	HB45	1573.23	104.85	-2.00%	0.00	1575.32	0.00	-2.00%	0.00	1575.32	HB45	0.0109	2.0869	0.0000	0.509	0.557	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.273	0.273	2.045	2.045		0.557
	Grade		2095+80.00	HB45	1573.27	105.32	-2.00%	0.00	1575.38	0.00	-2.00%	0.00	1575.38	HB45	0.0111	2.0749	0.0000	0.461	0.509	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.255	0.255	1.994	1.994		0.509
	Grade		2095+85.00	HB45	1573.32	105.79	-2.00%	0.00	1575.44	0.00	-2.00%	0.00	1575.44	HB45	0.0112	2.0629	0.0000	0.412	0.461	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.237	0.237	1.942	1.942		0.461
	Grade		2095+90.00	HB45	1573.37	106.26	-2.00%	0.00	1575.49	0.00	-2.00%	0.00	1575.49	HB45	0.0113	2.0507	0.0000	0.364	0.412	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.218	0.218	1.888	1.888		0.412
	Grade		2095+95.00	HB45	1573.41	106.73	-2.00%	0.00	1575.55	0.00	-2.00%	0.00	1575.55	HB45	0.0114	2.0386	0.0000	0.315	0.364	**Left**	HB45	12.00	0.00	4.45	0.00	4.45	18.000	**OK**	0.198	0.198	1.835	1.835		0.364
	Grade		2096+00.00	HB45	1573.46	107.20	-2.00%	0.00	1575.61	0.00	-2.00%	0.00	1575.61	HB45	0.0115	2.0263	0.0000	0.265	0.315	**Left**	HB45	12.00	0.00	4.21	0.00	4.21	18.000	**OK**	0.177	0.177	1.776	1.776		0.315
	Grade		2096+05.00	HB45	1573.52	107.30	-2.00%	0.00	1575.66	0.00	-2.00%	0.00	1575.66	HB45	0.0116	2.0141	0.0000	0.216	0.265	**Left**	HB45	12.00	0.00	3.94	0.00	3.94	18.000	**OK**	0.155	0.155	1.709	1.709		0.265
	Grade		2096+10.00	HB45	1573.57	107.50	-2.00%	0.00	1575.72	0.00	-2.00%	0.00	1575.72	HB45	0.0118	2.0018	0.0000	0.167	0.216	**Left**	HB45	12.00	0.00	3.64	0.00	3.64	18.000	**OK**	0.133	0.133	1.629	1.629		0.216
	Grade		2096+15.00	HB45	1574.59	59.50	-2.00%	0.00	1575.78	0.00	-2.00%	0.00	1575.78	HB45	0.0119	1.9894	0.0000	0.128	0.167	**Left**	HB45	12.00	0.00	3.30	0.00	3.30	18.000	**OK**	0.109	0.109	1.533	1.533		0.167
	Grade		2096+20.00	HB45	1574.65	59.48	-2.00%	0.00	1575.84	0.00	-2.00%	0.00	1575.84	HB45	0.0120	1.9798	0.0000	0.101	0.128	**Left**	HB45	12.00	0.00	2.98	0.00	2.98	18.000	**OK**	0.089	0.089	1.441	1.441		0.128
	Grade		2096+25.00	HB45	1574.71	59.47	-2.00%	0.00	1575.90	0.00	-2.00%	0.00	1575.90	HB45	0.0121	1.9730	0.0000	0.073	0.101	**Left**	HB45	12.00	0.00	2.72	0.00	2.72	18.000	**OK**	0.074	0.074	1.362	1.362		0.101
	Grade		2096+30.00	HB45	1574.78	59.45	-2.00%	0.00	1575.96	0.00	-2.00%	0.00	1575.96	HB45	0.0122	1.9662	0.0000	0.046	0.073	**Left**	HB45	12.00	0.00	2.41	0.00	2.41	18.000	**OK**	0.058	0.058	1.263	1.263		0.073
	Grade		2096+35.00	HB45	1574.84	59.43	-2.00%	0.00	1576.03	0.00	-2.00%	0.00	1576.03	HB45	0.0124	1.9594	0.0000	0.019	0.046	**Left**	HB45	12.00	0.00	2.02	0.00	2.02	18.000	**OK**	0.041	0.041	1.128	1.128		0.046
	Grade	3	2096+40.00	HB45	1574.90	59.42	-2.00%	0.00	1576.09	0.00	-2.00%	0.00	1576.09	HB45	0.0125	1.9525	0.0000	1.657	1.684	**Left**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.528	0.551	3.158	3.056	3	1.684
	Grade		2096+45.00	HB45	1574.96	59.40	-2.00%	0.00	1576.15	0.00	-2.00%	0.00	1576.15	HB45	0.0126	1.9457	0.0000	1.629	1.657	**Left**	HB45	12.00	0.00	4.50	1.46	5.96	18.000	**OK**	0.521	0.542	3.149	3.055		1.657
	Grade		2096+50.00	HB45	1575.03	59.39	-2.00%	0.00	1576.22	0.00	-2.00%	0.00	1576.22	HB45	0.0127	1.9389	0.0000	1.602	1.629	**Left**	HB45	12.00	0.00	4.50	1.38	5.88	18.000	**OK**	0.515	0.534	3.140	3.053		1.629
	Grade		2096+55.00	HB45	1575.09	59.37	-2.00%	0.00	1576.28	0.00	-2.00%	0.00	1576.28	HB45	0.0128	1.9321	0.0000	1.575	1.602	**Left**	HB45	12.00	0.00	4.50	1.31	5.81	18.000	**OK**	0.508	0.525	3.130	3.050		1.602
	Grade		2096+60.00	HB45	1575.16	59.35	-2.00%	0.00	1576.34	0.00	-2.00%	0.00	1576.34	HB45	0.0130	1.9253	0.0000	1.547	1.575	**Left**	HB45	12.00	0.00	4.50	1.24	5.74	18.000	**OK**	0.501	0.517	3.119	3.047		1.575

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2096+65.00	HB45	1575.22	59.34	-2.00%	0.00	1576.41	0.00	-2.00%	0.00	1576.41	HB45	0.0131	1.9185	0.0000	1.520	1.547	**Left**	HB45	12.00	0.00	4.50	1.17	5.67	18.000	**OK**	0.495	0.508	3.109	3.043		1.547
	Grade		2096+70.00	HB45	1575.29	59.32	-2.00%	0.00	1576.48	0.00	-2.00%	0.00	1576.48	HB45	0.0132	1.9116	0.0000	1.493	1.520	**Left**	HB45	12.00	0.00	4.50	1.09	5.59	18.000	**OK**	0.488	0.500	3.098	3.039		1.520
	Grade		2096+75.00	HB45	1575.36	59.30	-2.00%	0.00	1576.54	0.00	-2.00%	0.00	1576.54	HB45	0.0133	1.9048	0.0000	1.465	1.493	**Left**	HB45	12.00	0.00	4.50	1.02	5.52	18.000	**OK**	0.482	0.492	3.086	3.034		1.493
	Grade		2096+80.00	HB45	1575.42	59.29	-2.00%	0.00	1576.61	0.00	-2.00%	0.00	1576.61	HB45	0.0134	1.8980	0.0000	1.438	1.465	**Left**	HB45	12.00	0.00	4.50	0.94	5.44	18.000	**OK**	0.475	0.484	3.074	3.028		1.465
	Grade		2096+85.00	HB45	1575.49	59.27	-2.00%	0.00	1576.68	0.00	-2.00%	0.00	1576.68	HB45	0.0135	1.8912	0.0000	1.411	1.438	**Left**	HB45	12.00	0.00	4.50	0.87	5.37	18.000	**OK**	0.468	0.476	3.061	3.021		1.438
	Grade		2096+90.00	HB45	1575.56	59.25	-2.00%	0.00	1576.75	0.00	-2.00%	0.00	1576.75	HB45	0.0137	1.8844	0.0000	1.384	1.411	**Left**	HB45	12.00	0.00	4.50	0.80	5.30	18.000	**OK**	0.462	0.468	3.049	3.014		1.411
	Grade		2096+95.00	HB45	1575.63	59.24	-2.00%	0.00	1576.81	0.00	-2.00%	0.00	1576.81	HB45	0.0138	1.8776	0.0000	1.356	1.384	**Left**	HB45	12.00	0.00	4.50	0.72	5.22	18.000	**OK**	0.455	0.460	3.035	3.006		1.384
	Grade		2097+00.00	HB45	1575.70	59.22	-2.00%	0.00	1576.88	0.00	-2.00%	0.00	1576.88	HB45	0.0139	1.8708	0.0000	1.329	1.356	**Left**	HB45	12.00	0.00	4.50	0.65	5.15	18.000	**OK**	0.448	0.452	3.021	2.998		1.356
	Grade		2097+05.00	HB45	1575.77	59.20	-2.00%	0.00	1576.95	0.00	-2.00%	0.00	1576.95	HB45	0.0140	1.8640	0.0000	1.302	1.329	**Left**	HB45	12.00	0.00	4.50	0.57	5.07	18.000	**OK**	0.442	0.445	3.007	2.988		1.329
	Grade		2097+10.00	HB45	1575.84	59.19	-2.00%	0.00	1577.03	0.00	-2.00%	0.00	1577.03	HB45	0.0141	1.8572	0.0000	1.275	1.302	**Left**	HB45	12.00	0.00	4.50	0.50	5.00	18.000	**OK**	0.435	0.437	2.992	2.978		1.302
	Grade		2097+15.00	HB45	1575.91	59.17	-2.00%	0.00	1577.10	0.00	-2.00%	0.00	1577.10	HB45	0.0143	1.8504	0.0000	1.247	1.275	**Left**	HB45	12.00	0.00	4.50	0.42	4.92	18.000	**OK**	0.428	0.430	2.977	2.966		1.275
	Grade		2097+20.00	HB45	1575.99	59.16	-2.00%	0.00	1577.17	0.00	-2.00%	0.00	1577.17	HB45	0.0144	1.8436	0.0000	1.220	1.247	**Left**	HB45	12.00	0.00	4.50	0.34	4.84	18.000	**OK**	0.421	0.422	2.961	2.954		1.247
	Grade		2097+25.00	HB45	1576.06	59.14	-2.00%	0.00	1577.24	0.00	-2.00%	0.00	1577.24	HB45	0.0145	1.8368	0.0000	1.193	1.220	**Left**	HB45	12.00	0.00	4.50	0.27	4.77	18.000	**OK**	0.414	0.415	2.945	2.941		1.220
	Grade		2097+30.00	HB45	1576.13	59.12	-2.00%	0.00	1577.31	0.00	-2.00%	0.00	1577.31	HB45	0.0146	1.8301	0.0000	1.166	1.193	**Left**	HB45	12.00	0.00	4.50	0.19	4.69	18.000	**OK**	0.407	0.408	2.929	2.926		1.193
	Grade		2097+35.00	HB45	1576.21	59.11	-2.00%	0.00	1577.39	0.00	-2.00%	0.00	1577.39	HB45	0.0147	1.8233	0.0000	1.138	1.166	**Left**	HB45	12.00	0.00	4.50	0.11	4.61	18.000	**OK**	0.400	0.400	2.912	2.911		1.166
	Grade		2097+40.00	HB45	1576.28	59.09	-2.00%	0.00	1577.46	0.00	-2.00%	0.00	1577.46	HB45	0.0149	1.8165	0.0000	1.111	1.138	**Left**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.393	0.393	2.894	2.894		1.138
	Grade		2097+45.00	HB45	1576.36	59.07	-2.00%	0.00	1577.54	0.00	-2.00%	0.00	1577.54	HB45	0.0150	1.8097	0.0000	1.084	1.111	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	2.876	2.876		1.111
	Grade		2097+50.00	HB45	1576.43	59.06	-2.00%	0.00	1577.61	0.00	-2.00%	0.00	1577.61	HB45	0.0151	1.8029	0.0000	1.057	1.084	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.379	0.379	2.858	2.858		1.084
	Grade		2097+55.00	HB45	1576.51	59.04	-2.00%	0.00	1577.69	0.00	-2.00%	0.00	1577.69	HB45	0.0152	1.7961	0.0000	1.030	1.057	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.372	0.372	2.839	2.839		1.057
	Grade		2097+60.00	HB45	1576.58	59.02	-2.00%	0.00	1577.76	0.00	-2.00%	0.00	1577.76	HB45	0.0153	1.7894	0.0000	1.003	1.030	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.365	0.365	2.819	2.819		1.030
	Grade		2097+65.00	HB45	1576.66	59.01	-2.00%	0.00	1577.84	0.00	-2.00%	0.00	1577.84	HB45	0.0155	1.7826	0.0000	0.975	1.003	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.358	0.358	2.799	2.799		1.003
	Grade		2097+70.00	HB45	1576.74	58.99	-2.00%	0.00	1577.92	0.00	-2.00%	0.00	1577.92	HB45	0.0156	1.7758	0.0000	0.948	0.975	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.351	0.351	2.779	2.779		0.975
	Grade		2097+75.00	HB45	1576.82	58.97	-2.00%	0.00	1578.00	0.00	-2.00%	0.00	1578.00	HB45	0.0157	1.7690	0.0000	0.921	0.948	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.344	0.344	2.758	2.758		0.948
	Grade		2097+80.00	HB45	1576.90	58.96	-2.00%	0.00	1578.08	0.00	-2.00%	0.00	1578.08	HB45	0.0158	1.7623	0.0000	0.894	0.921	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.337	0.337	2.737	2.737		0.921
	Grade		2097+85.00	HB45	1576.98	58.94	-2.00%	0.00	1578.16	0.00	-2.00%	0.00	1578.16	HB45	0.0159	1.7555	0.0000	0.867	0.894	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.329	0.329	2.715	2.715		0.894
	Grade		2097+90.00	HB45	1577.06	58.93	-2.00%	0.00	1578.24	0.00	-2.00%	0.00	1578.24	HB45	0.0160	1.7487	0.0000	0.840	0.867	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.322	0.322	2.693	2.693		0.867
	Grade		2097+95.00	HB45	1577.14	58.91	-2.00%	0.00	1578.32	0.00	-2.00%	0.00	1578.32	HB45	0.0162	1.7420	0.0000	0.813	0.840	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.314	0.314	2.670	2.670		0.840
	Grade		2098+00.00	HB45	1577.22	58.89	-2.00%	0.00	1578.40	0.00	-2.00%	0.00	1578.40	HB45	0.0163	1.7352	0.0000	0.786	0.813	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.307	0.307	2.647	2.647		0.813
	Grade		2098+05.00	HB45	1577.30	58.88	-2.00%	0.00	1578.48	0.00	-2.00%	0.00	1578.48	HB45	0.0164	1.7284	0.0000	0.758	0.786	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.299	0.299	2.623	2.623		0.786
	Grade		2098+10.00	HB45	1577.39	58.86	-2.00%	0.00	1578.56	0.00	-2.00%	0.00	1578.56	HB45	0.0165	1.7217	0.0000	0.731	0.758	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.292	0.292	2.598	2.598		0.758
	Grade		2098+15.00	HB45	1577.47	58.84	-2.00%	0.00	1578.65	0.00	-2.00%	0.00	1578.65	HB45	0.0166	1.7149	0.0000	0.704	0.731	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	2.574	2.574		0.731
	Grade		2098+20.00	HB45	1577.55	58.83	-2.00%	0.00	1578.73	0.00	-2.00%	0.00	1578.73	HB45	0.0168	1.7082	0.0000	0.677	0.704	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.276	0.276	2.548	2.548		0.704
	Grade		2098+25.00	HB45	1577.64	58.81	-2.00%	0.00	1578.82	0.00	-2.00%	0.00	1578.82	HB45	0.0169	1.7014	0.0000	0.650	0.677	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.268	0.268	2.522	2.522		0.677
	Grade		2098+30.00	HB45	1577.72	58.79	-2.00%	0.00	1578.90	0.00	-2.00%	0.00	1578.90	HB45	0.0170	1.6947	0.0000	0.623	0.650	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.260	0.260	2.496	2.496		0.650
	Grade		2098+35.00	HB45	1577.81	58.78	-2.00%	0.00	1578.99	0.00	-2.00%	0.00	1578.99	HB45	0.0171	1.6879	0.0000	0.596	0.623	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.252	0.252	2.469	2.469		0.623
	Grade		2098+40.00	HB45	1577.90	58.76	-2.00%	0.00	1579.07	0.00	-2.00%	0.00	1579.07	HB45	0.0172	1.6812	0.0000	0.569	0.596	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.244	0.244	2.441	2.441		0.596
	Grade		2098+45.00	HB45	1577.98	58.74	-2.00%	0.00	1579.16	0.00	-2.00%	0.00	1579.16	HB45	0.0174	1.6744	0.0000	0.542	0.569	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.236	0.236	2.414	2.414		0.569
	Grade		2098+50.00	HB45	1578.07	58.73	-2.00%	0.00	1579.25	0.00	-2.00%	0.00	1579.25	HB45	0.0175	1.6677	0.0000	0.515	0.542	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.227	0.227	2.386	2.386		0.542
	Grade		2098+55.00	HB45	1578.16	58.71	-2.00%	0.00	1579.33	0.00	-2.00%	0.00	1579.33	HB45	0.0176	1.6609	0.0000	0.488	0.515	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.218	0.218	2.357	2.357		0.515
	Grade		2098+60.00	HB45	1578.25	58.70	-2.00%	0.00	1579.42	0.00	-2.00%	0.00	1579.42	HB45	0.0177	1.6542	0.0000	0.461	0.488	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.209	0.209	2.329	2.329		0.488
	Grade		2098+65.00	HB45	1578.34	58.68	-2.00%	0.00	1579.51	0.00	-2.00%	0.00	1579.51	HB45	0.0178	1.6475	0.0000	0.434	0.461	**Left**	HB45	12.00	0.00	4.47	0.00	4.47	18.000	**OK**	0.200	0.200	2.302	2.302		0.461
	Grade		2098+70.00	HB45	1578.43	58.66	-2.00%	0.00	1579.60	0.00	-2.00%	0.00	1579.60	HB45	0.0179	1.6407	0.0000	0.407	0.434	**Left**	HB45	12.00	0.00	4.37	0.00	4.37	18.000	**OK**	0.191	0.191	2.273	2.273		0.434
	Grade		2098+75.00	HB45	1578.52	58.65	-2.00%	0.00	1579.69	0.00	-2.00%	0.00	1579.69	HB45	0.0181	1.6340	0.0000	0.380	0.407	**Left**	HB45	12.00	0.00	4.26	0.00	4.26	18.000	**OK**	0.181	0.181	2.242	2.242		0.407
	Grade		2098+80.00	HB45	1578.61	58.63	-2.00%	0.00	1579.78	0.00	-2.00%	0.00	1579.78	HB45	0.0182	1.6273	0.0000	0.353	0.380	**Left**	HB45	12.00	0.00	4.15	0.00	4.15	18.000	**OK**	0.172	0.172	2.209	2.209		0.380
	Grade		2098+85.00	HB45	1578.70	58.61	-2.00%	0.00	1579.87	0.00	-2.00%	0.00	1579.87	HB45	0.0183	1.6205	0.0000	0.326	0.353	**Left**	HB45	12.00	0.00	4.03	0.00	4.03	18.000	**OK**	0.162	0.162	2.174	2.174		0.353
	Grade		2098+90.00	HB45	1578.79	58.60	-2.00%	0.00	1579.97	0.00	-2.00%	0.00	1579.97	HB45	0.0184	1.6138	0.0000	0.299	0.326	**Left**	HB45	12.00	0.00	3.91	0.00	3.91	18.000	**OK**	0.153	0.153	2.137	2.137		0.326
	Grade		2098+95.00	HB45	1578.89	58.58	-2.00%	0.00	1580.06	0.00	-2.00%	0.00	1580.06	HB45	0.0185	1.6071	0.0000	0.272	0.299	**Left**	HB45	12.00	0.00	3.78	0.00	3.78	18.000	**OK**	0.143	0.143	2.096	2.096		0.299
	Grade		2099+00.00	HB45	1578.98	58.56	-2.00%	0.00	1580.15	0.00	-2.00%	0.00	1580.15	HB45	0.0187	1.6003	0.0000	0.245	0.272	**Left**	HB45	12.00	0.00	3.64	0.00	3.64	18.000	**OK**	0.133	0.133	2.052	2.052		0.272
	Grade		2099+05.00	HB45	1579.08	58.55	-2.00%	0.00	1580.25	0.00	-2.00%	0.00	1580.25	HB45	0.0188	1.5936	0.0000	0.218	0.245	**Left**	HB45	12.00	0.00	3.50	0.00	3.50	18.000	**OK**	0.122	0.122	2.004	2.004		0.245
	Grade		2099+10.00	HB45	1579.17	58.53	-2.00%	0.00	1580.34	0.00	-2.00%	0.00	1580.34	HB45	0.0189	1.5869	0.0000	0.191	0.218	**Left**	HB45	12.00	0.00	3.34	0.00	3.34	18.000	**OK**	0.112	0.112	1.951	1.951		0.218
	Grade		2099+15.00	HB45	1579.27	58.51	-2.00%	0.00	1580.44	0.00	-2.00%	0.00	1580.44	HB45	0.0190	1.5802	0.0000	0.164	0.191	**Left**	HB45	12.00	0.00	3.18	0.00	3.18	18.000	**OK**	0.101	0.101	1.892	1.892		0.191
	Grade		2099+20.00	HB45	1579.36	58.50	-2.00%	0.00	1580.53	0.00	-2.00%	0.00	1580.53	HB45	0.0191	1.5735	0.0000	0.137	0.164	**Left**	HB45	12.00	0.00	3.00	0.00	3.00	18.000	**OK**	0.090	0.090	1.826	1.826		0.164
	Grade		2099+25.00	HB45	1579.46	58.48	-2.00%	0.00	1580.63	0.00	-2.00%	0.00	1580.63	HB45	0.0193	1.5667	0.0000	0.110	0.137	**Left**	HB45	12.00	0.00	2.80	0.00	2.80	18.000	**OK**	0.078	0.078	1.750	1.750		0.137
	Grade		2099+30.00	HB45	1579.56	58.47	-2.00%	0.00	1580.73	0.00	-2.00%	0.00	1580.73	HB45	0.0194	1.5600	0.0000	0.083	0.110	**Left**	HB45	12.00	0.00	2.58	0.00	2.58	18.000	**OK**	0.066	0.066	1.661	1.661		0.110
	Grade		2099+35.00	HB45	1579.65	58.45	-2.00%	0.00	1580.82	0.00	-2.00%	0.00	1580.82	HB45	0.0195	1.5533	0.0000	0.057	0.083	**Left**	HB45	12.00	0.00	2.32	0.00	2.32	18.000	**OK**	0.054	0.054	1.552	1.552		0.083
	Grade		2099+40.00	HB45	1579.75	58.43	-2.00%	0.00	1580.92	0.00	-2.00%	0.00	1580.92	HB45	0.0196	1.5466	0.0000	0.030	0.057	**Left**	HB45	12.00	0.00	2.00	0.00	2.00	18.000	**OK**	0.040	0.040	1.412	1.412		0.057
	Grade		2099+45.00	HB45	1579.85	58.42	-2.00%	0.00	1581.02	0.00	-2.00%	0.00	1581.02	HB45	0.0197	1.5399	0.0000	0.003	0.030	**Left**	HB45	12.00	0.00	1.57	0.00	1.57	18.000	**OK**	0.025	0.025	1.204	1.204		0.030
	Grade	3	2099+50.00	HB45	1579.95	58.40	-2.00%	0.00	1581.12	0.00	-2.00%	0.00	1581.12	HB45	0.0199	1.5332	0.0000	1.615	1.642	**Left**	HB45	12.00	0.00	4.50	0.69	5.19	18.000	**OK**	0.452	0.457	3.627	3.595	3	1.642
	Grade		2099+55.00	HB45	1580.00	60.75	-2.00%	0.00	1581.22	0.00	-2.00%	0.00	1581.22	HB45	0.0200	1.5265	0.0000	1.587	1.615	**Left**	HB45	12.00	0.00	4.50	0.63	5.13	18.000	**OK**	0.446	0.450	3.612	3.585		1.615
	Grade		2099+60.00	HB45	1580.06	63.10	-2.00%	0.00	1581.32	0.00	-2.00%	0.00	1581.32	HB45	0.0201	1.5197	0.0000	1.559	1.587	**Left**	HB45	12.00	0.00	4.50	0.57	5.07	18.000	**OK**	0.441	0.444	3.596	3.574		1.587
	Grade		2099+65.00	HB45	1580.11	65.45	-2.00%	0.00	1581.42	0.00	-2.00%	0.00	1581.42	HB45	0.0202	1.5125	0.0000	1.529	1.559	**Left**	HB45	12.00	0.00	4.50	0.50	5.00	18.000	**OK**	0.435	0.438	3.579	3.561		1.559
	Grade		2099+70.00	HB45	1580.17	67.80	-2.00%	0.00	1581.52	0.00	-2.00%	0.00	1581.52	HB45	0.0203	1.5052	0.0000	1.499	1.529	**Left**	HB45	12.00	0.00	4.50	0.44	4.94	18.000	**OK**	0.429	0.431	3.561	3.547		1.529
	Grade		2099+75.00	HB45	1580.29	66.70	-2.00%	0.00	1581.62	0.00	-2.00%	0.00	1581.62	HB45	0.0204	1.4975	0.0000	1.468	1.499	**Left**	HB45	12.00	0.00	4.50	0.37	4.87	18.000	**OK**	0.423	0.424	3.541	3.531		1.499
	Grade		2099+80.00	HB45	1580.41	65.60	-2.00%	0.00	1581.73	0.00	-2.00%	0.00	1581.73	HB45	0.0206	1.4898	0.0000	1.437	1.468	**Left**	HB45	12.00	0.00	4.50	0.30	4.80	18.000	**OK**	0.417	0.418	3.520	3.514		1.468
	Grade		2099+85.00	HB45	1580.54	64.50	-2.00%	0.00	1581.83	0.00	-2.00%	0.00	1581.83	HB45	0.0207	1.4822	0.0000	1.407	1.437	**Left**	HB45	12.00	0.00	4.50	0.23	4.73	18.000	**OK**	0.411	0.411	3.500	3.496		1.437
	Grade		2099+90.00	HB45	1580.64	64.61	-2.00%	0.00	1581.93	0.00	-2.00%	0.00	1581.93	HB45	0.0208	1.4747	0.0000	1.377	1.407	**Left**	HB45	12.00	0.00	4.50	0.16	4.66	18.000	**OK**	0.404	0.405	3.479	3.477		1.407
	Grade		2099+95.00	HB45	1580.74	64.72	-2.00%	0.00	1582.04	0.00	-2.00%	0.00	1582.04	HB45	0.0209	1.4673	0.0000	1.348	1.377	**Left**	HB45	12.00	0.00	4.50	0.09	4.59	18.000	**OK**	0.398	0.398	3.459	3.458		1.377
	Grade		2100+00.00	HB45	1580.85	64.83	-2.00%	0.00	1582.14	0.00	-2.00%	0.00	1582.14	HB45	0.0210	1.4599	0.0000	1.318	1.348	**Left**	HB45	12.00	0.00	4.50	0.02	4.52	18.000	**OK**	0.392	0.392	3.437	3.437		1.348
	Grade		2100+05.00	HB45	1580.95	64.94	-2.00%	0.00	1582.25	0.00	-2.00%	0.00	1582.25	HB45	0.0212	1.4525	0.0000	1.288	1.318	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	3.416	3.416		1.318
	Grade		2100+10.00	HB45	1581.05	65.06	-2.00%	0.00	1582.36	0.00	-2.00%	0.00	1582.36	HB45	0.0213	1.4450	0.0000	1.258	1.288	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.380	0.380	3.394	3.394		1.288
	Grade		2100+15.00	HB45	1581.16	65.17	-2.00%	0.00	1582.46	0.00	-2.00%	0.00	1582.46	HB45	0.0214	1.4376	0.0000	1.228	1.258	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	3.371	3.371		1.258

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2100+20.00	HB45	1581.27	65.28	-2.00%	0.00	1582.57	0.00	-2.00%	0.00	1582.57	HB45	0.0215	1.4301	0.0000	1.198	1.228	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.367	0.367	3.348	3.348		1.228
	Grade		2100+25.00	HB45	1581.37	65.39	-2.00%	0.00	1582.68	0.00	-2.00%	0.00	1582.68	HB45	0.0216	1.4226	0.0000	1.168	1.198	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.360	0.360	3.324	3.324		1.198
	Grade		2100+30.00	HB45	1581.48	65.50	-2.00%	0.00	1582.79	0.00	-2.00%	0.00	1582.79	HB45	0.0218	1.4151	0.0000	1.138	1.168	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.354	0.354	3.300	3.300		1.168
	Grade		2100+35.00	HB45	1581.69	60.26	-2.00%	0.00	1582.90	0.00	-2.00%	0.00	1582.90	HB45	0.0219	1.4076	0.0000	1.109	1.138	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.347	0.347	3.276	3.276		1.138
	Grade		2100+40.00	HB45	1581.80	60.32	-2.00%	0.00	1583.01	0.00	-2.00%	0.00	1583.01	HB45	0.0220	1.4004	0.0000	1.081	1.109	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	3.252	3.252		1.109
	Grade		2100+45.00	HB45	1581.91	60.37	-2.00%	0.00	1583.12	0.00	-2.00%	0.00	1583.12	HB45	0.0221	1.3935	0.0000	1.054	1.081	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.335	0.335	3.229	3.229		1.081
	Grade		2100+50.00	HB45	1582.02	60.43	-2.00%	0.00	1583.23	0.00	-2.00%	0.00	1583.23	HB45	0.0222	1.3865	0.0000	1.026	1.054	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.329	0.329	3.205	3.205		1.054
	Grade		2100+55.00	HB45	1582.13	60.49	-2.00%	0.00	1583.34	0.00	-2.00%	0.00	1583.34	HB45	0.0223	1.3796	0.0000	0.998	1.026	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.322	0.322	3.181	3.181		1.026
	Grade		2100+60.00	HB45	1582.24	60.54	-2.00%	0.00	1583.45	0.00	-2.00%	0.00	1583.45	HB45	0.0225	1.3727	0.0000	0.970	0.998	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.316	0.316	3.156	3.156		0.998
	Grade		2100+65.00	HB45	1582.35	60.60	-2.00%	0.00	1583.57	0.00	-2.00%	0.00	1583.57	HB45	0.0226	1.3657	0.0000	0.942	0.970	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.310	0.310	3.131	3.131		0.970
	Grade		2100+70.00	HB45	1582.47	60.66	-2.00%	0.00	1583.68	0.00	-2.00%	0.00	1583.68	HB45	0.0227	1.3588	0.0000	0.914	0.942	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.303	0.303	3.106	3.106		0.942
	Grade		2100+75.00	HB45	1582.58	60.72	-2.00%	0.00	1583.79	0.00	-2.00%	0.00	1583.79	HB45	0.0228	1.3518	0.0000	0.886	0.914	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.297	0.297	3.080	3.080		0.914
	Grade		2100+80.00	HB45	1582.69	60.77	-2.00%	0.00	1583.91	0.00	-2.00%	0.00	1583.91	HB45	0.0229	1.3448	0.0000	0.858	0.886	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.290	0.290	3.054	3.054		0.886
	Grade		2100+85.00	HB45	1582.81	60.83	-2.00%	0.00	1584.02	0.00	-2.00%	0.00	1584.02	HB45	0.0231	1.3379	0.0000	0.830	0.858	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	3.027	3.027		0.858
	Grade		2100+90.00	HB45	1582.92	60.89	-2.00%	0.00	1584.14	0.00	-2.00%	0.00	1584.14	HB45	0.0232	1.3309	0.0000	0.802	0.830	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.277	0.277	2.999	2.999		0.830
	Grade		2100+95.00	HB45	1583.04	60.94	-2.00%	0.00	1584.26	0.00	-2.00%	0.00	1584.26	HB45	0.0233	1.3239	0.0000	0.774	0.802	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.270	0.270	2.971	2.971		0.802
	Grade		2101+00.00	HB45	1583.15	61.00	-2.00%	0.00	1584.37	0.00	-2.00%	0.00	1584.37	HB45	0.0234	1.3169	0.0000	0.746	0.774	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.263	0.263	2.943	2.943		0.774
	Grade		2101+05.00	HB45	1583.27	60.93	-2.00%	0.00	1584.49	0.00	-2.00%	0.00	1584.49	HB45	0.0235	1.3099	0.0000	0.718	0.746	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.256	0.256	2.914	2.914		0.746
	Grade		2101+10.00	HB45	1583.39	60.85	-2.00%	0.00	1584.61	0.00	-2.00%	0.00	1584.61	HB45	0.0237	1.3029	0.0000	0.690	0.718	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.249	0.249	2.885	2.885		0.718
	Grade		2101+15.00	HB45	1583.51	60.78	-2.00%	0.00	1584.73	0.00	-2.00%	0.00	1584.73	HB45	0.0238	1.2959	0.0000	0.662	0.690	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.242	0.242	2.855	2.855		0.690
	Grade		2101+20.00	HB45	1583.63	60.70	-2.00%	0.00	1584.85	0.00	-2.00%	0.00	1584.85	HB45	0.0239	1.2889	0.0000	0.634	0.662	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.234	0.234	2.826	2.826		0.662
	Grade		2101+25.00	HB45	1583.75	60.63	-2.00%	0.00	1584.97	0.00	-2.00%	0.00	1584.97	HB45	0.0240	1.2820	0.0000	0.606	0.634	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.227	0.227	2.796	2.796		0.634
	Grade		2101+30.00	HB45	1583.88	60.55	-2.00%	0.00	1585.09	0.00	-2.00%	0.00	1585.09	HB45	0.0241	1.2750	0.0000	0.579	0.606	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.219	0.219	2.765	2.765		0.606
	Grade		2101+35.00	HB45	1584.00	60.48	-2.00%	0.00	1585.21	0.00	-2.00%	0.00	1585.21	HB45	0.0242	1.2680	0.0000	0.551	0.579	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.212	0.212	2.735	2.735		0.579
	Grade		2101+40.00	HB45	1584.12	60.40	-2.00%	0.00	1585.33	0.00	-2.00%	0.00	1585.33	HB45	0.0244	1.2611	0.0000	0.523	0.551	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.204	0.204	2.706	2.706		0.551
	Grade		2101+45.00	HB45	1584.25	60.33	-2.00%	0.00	1585.45	0.00	-2.00%	0.00	1585.45	HB45	0.0245	1.2542	0.0000	0.495	0.523	**Left**	HB45	12.00	0.00	4.42	0.00	4.42	18.000	**OK**	0.195	0.195	2.676	2.676		0.523
	Grade		2101+50.00	HB45	1584.37	60.25	-2.00%	0.00	1585.58	0.00	-2.00%	0.00	1585.58	HB45	0.0246	1.2472	0.0000	0.467	0.495	**Left**	HB45	12.00	0.00	4.33	0.00	4.33	18.000	**OK**	0.187	0.187	2.644	2.644		0.495
	Grade		2101+55.00	HB45	1584.50	60.18	-2.00%	0.00	1585.70	0.00	-2.00%	0.00	1585.70	HB45	0.0247	1.2403	0.0000	0.440	0.467	**Left**	HB45	12.00	0.00	4.23	0.00	4.23	18.000	**OK**	0.179	0.179	2.611	2.611		0.467
	Grade		2101+60.00	HB45	1584.62	60.10	-2.00%	0.00	1585.82	0.00	-2.00%	0.00	1585.82	HB45	0.0248	1.2334	0.0000	0.412	0.440	**Left**	HB45	12.00	0.00	4.13	0.00	4.13	18.000	**OK**	0.171	0.171	2.576	2.576		0.440
	Grade		2101+65.00	HB45	1584.75	60.03	-2.00%	0.00	1585.95	0.00	-2.00%	0.00	1585.95	HB45	0.0250	1.2265	0.0000	0.384	0.412	**Left**	HB45	12.00	0.00	4.03	0.00	4.03	18.000	**OK**	0.162	0.162	2.539	2.539		0.412
	Grade		2101+70.00	HB45	1584.88	59.95	-2.00%	0.00	1586.07	0.00	-2.00%	0.00	1586.07	HB45	0.0251	1.2196	0.0000	0.357	0.384	**Left**	HB45	12.00	0.00	3.92	0.00	3.92	18.000	**OK**	0.154	0.154	2.500	2.500		0.384
	Grade		2101+75.00	HB45	1585.00	59.88	-2.00%	0.00	1586.20	0.00	-2.00%	0.00	1586.20	HB45	0.0252	1.2127	0.0000	0.329	0.357	**Left**	HB45	12.00	0.00	3.81	0.00	3.81	18.000	**OK**	0.145	0.145	2.458	2.458		0.357
	Grade		2101+80.00	HB45	1585.13	59.80	-2.00%	0.00	1586.33	0.00	-2.00%	0.00	1586.33	HB45	0.0253	1.2058	0.0000	0.302	0.329	**Left**	HB45	12.00	0.00	3.69	0.00	3.69	18.000	**OK**	0.136	0.136	2.413	2.413		0.329
	Grade		2101+85.00	HB45	1585.26	59.73	-2.00%	0.00	1586.45	0.00	-2.00%	0.00	1586.45	HB45	0.0254	1.1990	0.0000	0.274	0.302	**Left**	HB45	12.00	0.00	3.57	0.00	3.57	18.000	**OK**	0.128	0.128	2.365	2.365		0.302
	Grade		2101+90.00	HB45	1585.39	59.65	-2.00%	0.00	1586.58	0.00	-2.00%	0.00	1586.58	HB45	0.0256	1.1921	0.0000	0.247	0.274	**Left**	HB45	12.00	0.00	3.44	0.00	3.44	18.000	**OK**	0.118	0.118	2.314	2.314		0.274
	Grade		2101+95.00	HB45	1585.52	59.58	-2.00%	0.00	1586.71	0.00	-2.00%	0.00	1586.71	HB45	0.0257	1.1853	0.0000	0.219	0.247	**Left**	HB45	12.00	0.00	3.31	0.00	3.31	18.000	**OK**	0.109	0.109	2.257	2.257		0.247
	Grade		2102+00.00	HB45	1585.65	59.50	-2.00%	0.00	1586.84	0.00	-2.00%	0.00	1586.84	HB45	0.0258	1.1784	0.0000	0.192	0.219	**Left**	HB45	12.00	0.00	3.16	0.00	3.16	18.000	**OK**	0.100	0.100	2.195	2.195		0.219
	Grade		2102+05.00	HB45	1585.78	59.52	-2.00%	0.00	1586.97	0.00	-2.00%	0.00	1586.97	HB45	0.0259	1.1716	0.0000	0.164	0.192	**Left**	HB45	12.00	0.00	3.00	0.00	3.00	18.000	**OK**	0.090	0.090	2.127	2.127		0.192
	Grade		2102+10.00	HB45	1585.91	59.54	-2.00%	0.00	1587.10	0.00	-2.00%	0.00	1587.10	HB45	0.0260	1.1648	0.0000	0.137	0.164	**Left**	HB45	12.00	0.00	2.83	0.00	2.83	18.000	**OK**	0.080	0.080	2.050	2.050		0.164
	Grade		2102+15.00	HB45	1586.04	59.55	-2.00%	0.00	1587.23	0.00	-2.00%	0.00	1587.23	HB45	0.0262	1.1579	0.0000	0.110	0.137	**Left**	HB45	12.00	0.00	2.64	0.00	2.64	18.000	**OK**	0.070	0.070	1.962	1.962		0.137
	Grade		2102+20.00	HB45	1586.17	59.57	-2.00%	0.00	1587.36	0.00	-2.00%	0.00	1587.36	HB45	0.0263	1.1511	0.0000	0.082	0.110	**Left**	HB45	12.00	0.00	2.43	0.00	2.43	18.000	**OK**	0.059	0.059	1.859	1.859		0.110
	Grade		2102+25.00	HB45	1586.30	59.59	-2.00%	0.00	1587.49	0.00	-2.00%	0.00	1587.49	HB45	0.0264	1.1443	0.0000	0.055	0.082	**Left**	HB45	12.00	0.00	2.18	0.00	2.18	18.000	**OK**	0.047	0.047	1.733	1.733		0.082
	Grade		2102+30.00	HB45	1586.43	59.61	-2.00%	0.00	1587.63	0.00	-2.00%	0.00	1587.63	HB45	0.0265	1.1374	0.0000	0.027	0.055	**Left**	HB45	12.00	0.00	1.87	0.00	1.87	18.000	**OK**	0.035	0.035	1.569	1.569		0.055
	Grade		2102+35.00	HB45	1586.57	59.62	-2.00%	0.00	1587.76	0.00	-2.00%	0.00	1587.76	HB45	0.0266	1.1306	0.0000	0.000	0.027	**Left**	HB45	12.00	0.00	1.44	0.00	1.44	18.000	**OK**	0.021	0.021	1.321	1.321		0.027
	Grade	3	2102+40.00	HB45	1586.70	59.64	-2.00%	0.00	1587.89	0.00	-2.00%	0.00	1587.89	HB45	0.0267	1.1237	0.0000	1.466	1.494	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.388	0.388	3.852	3.852	3	1.494
	Grade		2102+45.00	HB45	1586.83	59.66	-2.00%	0.00	1588.03	0.00	-2.00%	0.00	1588.03	HB45	0.0269	1.1169	0.0000	1.439	1.466	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.383	0.383	3.831	3.831		1.466
	Grade		2102+50.00	HB45	1586.97	59.68	-2.00%	0.00	1588.16	0.00	-2.00%	0.00	1588.16	HB45	0.0270	1.1100	0.0000	1.411	1.439	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.378	0.378	3.811	3.811		1.439
	Grade		2102+55.00	HB45	1587.10	59.69	-2.00%	0.00	1588.30	0.00	-2.00%	0.00	1588.30	HB45	0.0271	1.1032	0.0000	1.384	1.411	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.372	0.372	3.790	3.790		1.411
	Grade		2102+60.00	HB45	1587.24	59.71	-2.00%	0.00	1588.43	0.00	-2.00%	0.00	1588.43	HB45	0.0272	1.0963	0.0000	1.357	1.384	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.367	0.367	3.768	3.768		1.384
	Grade		2102+65.00	HB45	1587.38	59.73	-2.00%	0.00	1588.57	0.00	-2.00%	0.00	1588.57	HB45	0.0273	1.0895	0.0000	1.329	1.357	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.362	0.362	3.747	3.747		1.357
	Grade		2102+70.00	HB45	1587.51	59.75	-2.00%	0.00	1588.71	0.00	-2.00%	0.00	1588.71	HB45	0.0274	1.0826	0.0000	1.302	1.329	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.357	0.357	3.722	3.722		1.329
	Grade		2102+75.00	HB45	1587.65	59.76	-2.00%	0.00	1588.84	0.00	-2.00%	0.00	1588.84	HB45	0.0274	1.0758	0.0000	1.274	1.302	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.352	0.352	3.694	3.694		1.302
	Grade		2102+80.00	HB45	1587.79	59.78	-2.00%	0.00	1588.98	0.00	-2.00%	0.00	1588.98	HB45	0.0274	1.0689	0.0000	1.247	1.274	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.347	0.347	3.667	3.667		1.274
	Grade		2102+85.00	HB45	1587.92	59.80	-2.00%	0.00	1589.12	0.00	-2.00%	0.00	1589.12	HB45	0.0274	1.0621	0.0000	1.219	1.247	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	3.638	3.638		1.247
	Grade		2102+90.00	HB45	1588.06	59.82	-2.00%	0.00	1589.26	0.00	-2.00%	0.00	1589.26	HB45	0.0274	1.0552	0.0000	1.192	1.219	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.338	0.338	3.610	3.610		1.219
	Grade		2102+95.00	HB45	1588.20	59.83	-2.00%	0.00	1589.39	0.00	-2.00%	0.00	1589.39	HB45	0.0274	1.0483	0.0000	1.164	1.192	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.333	0.333	3.581	3.581		1.192
	Grade		2103+00.00	HB45	1588.33	59.85	-2.00%	0.00	1589.53	0.00	-2.00%	0.00	1589.53	HB45	0.0274	1.0415	0.0000	1.136	1.164	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.328	0.328	3.552	3.552		1.164
	Grade		2103+05.00	HB45	1588.47	59.87	-2.00%	0.00	1589.67	0.00	-2.00%	0.00	1589.67	HB45	0.0274	1.0346	0.0000	1.109	1.136	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.323	0.323	3.523	3.523		1.136
	Grade		2103+10.00	HB45	1588.61	59.89	-2.00%	0.00	1589.80	0.00	-2.00%	0.00	1589.80	HB45	0.0274	1.0277	0.0000	1.081	1.109	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.317	0.317	3.493	3.493		1.109
	Grade		2103+15.00	HB45	1588.74	59.90	-2.00%	0.00	1589.94	0.00	-2.00%	0.00	1589.94	HB45	0.0274	1.0208	0.0000	1.054	1.081	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.312	0.312	3.463	3.463		1.081
	Grade		2103+20.00	HB45	1588.88	59.92	-2.00%	0.00	1590.08	0.00	-2.00%	0.00	1590.08	HB45	0.0274	1.0140	0.0000	1.026	1.054	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.307	0.307	3.433	3.433		1.054
	Grade		2103+25.00	HB45	1589.02	59.94	-2.00%	0.00	1590.21	0.00	-2.00%	0.00	1590.21	HB45	0.0274	1.0071	0.0000	0.999	1.026	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.302	0.302	3.402	3.402		1.026
	Grade		2103+30.00	HB45	1589.15	59.96	-2.00%	0.00	1590.35	0.00	-2.00%	0.00	1590.35	HB45	0.0274	1.0002	0.0000	0.971	0.999	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.296	0.296	3.371	3.371		0.999
	Grade		2103+35.00	HB45	1589.29	59.97	-2.00%	0.00	1590.49	0.00	-2.00%	0.00	1590.49	HB45	0.0274	0.9933	0.0000	0.943	0.971	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.291	0.291	3.340	3.340		0.971
	Grade		2103+40.00	HB45	1589.42	59.99	-2.00%	0.00	1590.62	0.00	-2.00%	0.00	1590.62	HB45	0.0264	0.9865	0.0000	0.916	0.943	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.289	0.289	3.267	3.267		0.943
	Grade		2103+45.00	HB45	1589.56	60.01	-2.00%	0.00	1590.76	0.00	-2.00%	0.00	1590.76	HB45	0.0273	0.9796	0.0000	0.888	0.916	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.280	0.280	3.272	3.272		0.916
	Grade		2103+50.00	HB45	1589.69	60.03	-2.00%	0.00	1590.89	0.00	-2.00%	0.00	1590.89	HB45	0.0271	0.9727	0.0000	0.861	0.888	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.275	0.275	3.232	3.232		0.888
	Grade		2103+55.00	HB45	1589.83	60.04	-2.00%	0.00	1591.03	0.00	-2.00%	0.00	1591.03	HB45	0.0269	0.9658	0.0000	0.833	0.861	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.270	0.270	3.192	3.192		0.861
	Grade		2103+60.00	HB45	1589.96	60.06	-2.00%	0.00	1591.16	0.00	-2.00%	0.00	1591.16	HB45	0.0267	0.9589	0.0000	0.805	0.833	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.264	0.264	3.151	3.151		0.833
	Grade		2103+65.00	HB45	1590.09	60.08	-2.00%	0.00	1591.29	0.00	-2.00%	0.00	1591.29	HB45	0.0265	0.9520	0.0000	0.778	0.805	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	3.110	3.110		0.805
	Grade		2103+70.00	HB45	1590.22	60.10	-2.00%	0.00	1591.42	0.00	-2.00%	0.00	1591.42	HB45	0.0263	0.9451	0.0000	0.750	0.778	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.253	0.253	3.069	3.069		0.778

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2103+75.00	HB45	1590.35	60.11	-2.00%	0.00	1591.56	0.00	-2.00%	0.00	1591.56	HB45	0.0261	0.9382	0.0000	0.722	0.750	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.248	0.248	3.027	3.027		0.750
	Grade		2103+80.00	HB45	1590.48	60.13	-2.00%	0.00	1591.69	0.00	-2.00%	0.00	1591.69	HB45	0.0260	0.9313	0.0000	0.695	0.722	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.242	0.242	2.985	2.985		0.722
	Grade		2103+85.00	HB45	1590.61	60.15	-2.00%	0.00	1591.81	0.00	-2.00%	0.00	1591.81	HB45	0.0258	0.9244	0.0000	0.667	0.695	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.236	0.236	2.943	2.943		0.695
	Grade		2103+90.00	HB45	1590.74	60.17	-2.00%	0.00	1591.94	0.00	-2.00%	0.00	1591.94	HB45	0.0256	0.9175	0.0000	0.639	0.667	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.230	0.230	2.901	2.901		0.667
	Grade		2103+95.00	HB45	1590.87	60.18	-2.00%	0.00	1592.07	0.00	-2.00%	0.00	1592.07	HB45	0.0254	0.9106	0.0000	0.612	0.639	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.224	0.224	2.858	2.858		0.639
	Grade		2104+00.00	HB45	1590.99	60.20	-2.00%	0.00	1592.19	0.00	-2.00%	0.00	1592.19	HB45	0.0252	0.9037	0.0000	0.584	0.612	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.217	0.217	2.815	2.815		0.612
	Grade		2104+05.00	HB45	1591.12	60.22	-2.00%	0.00	1592.32	0.00	-2.00%	0.00	1592.32	HB45	0.0250	0.8968	0.0000	0.556	0.584	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.211	0.211	2.773	2.773		0.584
	Grade		2104+10.00	HB45	1591.24	60.23	-2.00%	0.00	1592.44	0.00	-2.00%	0.00	1592.44	HB45	0.0248	0.8899	0.0000	0.529	0.556	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.204	0.204	2.730	2.730		0.556
	Grade		2104+15.00	HB45	1591.36	60.25	-2.00%	0.00	1592.57	0.00	-2.00%	0.00	1592.57	HB45	0.0246	0.8830	0.0000	0.501	0.529	**Left**	HB45	12.00	0.00	4.43	0.00	4.43	18.000	**OK**	0.197	0.197	2.688	2.688		0.529
	Grade		2104+20.00	HB45	1591.48	60.26	-2.00%	0.00	1592.69	0.00	-2.00%	0.00	1592.69	HB45	0.0244	0.8761	0.0000	0.473	0.501	**Left**	HB45	12.00	0.00	4.35	0.00	4.35	18.000	**OK**	0.189	0.189	2.644	2.644		0.501
	Grade		2104+25.00	HB45	1591.60	60.28	-2.00%	0.00	1592.81	0.00	-2.00%	0.00	1592.81	HB45	0.0242	0.8691	0.0000	0.445	0.473	**Left**	HB45	12.00	0.00	4.27	0.00	4.27	18.000	**OK**	0.182	0.182	2.599	2.599		0.473
	Grade		2104+30.00	HB45	1591.72	60.30	-2.00%	0.00	1592.93	0.00	-2.00%	0.00	1592.93	HB45	0.0240	0.8622	0.0000	0.418	0.445	**Left**	HB45	12.00	0.00	4.18	0.00	4.18	18.000	**OK**	0.175	0.175	2.552	2.552		0.445
	Grade		2104+35.00	HB45	1591.84	60.31	-2.00%	0.00	1593.05	0.00	-2.00%	0.00	1593.05	HB45	0.0238	0.8553	0.0000	0.390	0.418	**Left**	HB45	12.00	0.00	4.08	0.00	4.08	18.000	**OK**	0.167	0.167	2.504	2.504		0.418
	Grade		2104+40.00	HB45	1591.96	60.33	-2.00%	0.00	1593.17	0.00	-2.00%	0.00	1593.17	HB45	0.0236	0.8484	0.0000	0.362	0.390	**Left**	HB45	12.00	0.00	3.99	0.00	3.99	18.000	**OK**	0.159	0.159	2.454	2.454		0.390
	Grade		2104+45.00	HB45	1592.08	60.34	-2.00%	0.00	1593.28	0.00	-2.00%	0.00	1593.28	HB45	0.0235	0.8415	0.0000	0.334	0.362	**Left**	HB45	12.00	0.00	3.88	0.00	3.88	18.000	**OK**	0.151	0.151	2.402	2.402		0.362
	Grade		2104+50.00	HB45	1592.19	60.36	-2.00%	0.00	1593.40	0.00	-2.00%	0.00	1593.40	HB45	0.0233	0.8345	0.0000	0.307	0.334	**Left**	HB45	12.00	0.00	3.77	0.00	3.77	18.000	**OK**	0.142	0.142	2.347	2.347		0.334
	Grade		2104+55.00	HB45	1592.31	60.37	-2.00%	0.00	1593.52	0.00	-2.00%	0.00	1593.52	HB45	0.0231	0.8276	0.0000	0.279	0.307	**Left**	HB45	12.00	0.00	3.66	0.00	3.66	18.000	**OK**	0.134	0.134	2.290	2.290		0.307
	Grade		2104+60.00	HB45	1592.42	60.39	-2.00%	0.00	1593.63	0.00	-2.00%	0.00	1593.63	HB45	0.0229	0.8207	0.0000	0.251	0.279	**Left**	HB45	12.00	0.00	3.54	0.00	3.54	18.000	**OK**	0.125	0.125	2.229	2.229		0.279
	Grade		2104+65.00	HB45	1592.54	60.41	-2.00%	0.00	1593.74	0.00	-2.00%	0.00	1593.74	HB45	0.0227	0.8137	0.0000	0.223	0.251	**Left**	HB45	12.00	0.00	3.41	0.00	3.41	18.000	**OK**	0.116	0.116	2.164	2.164		0.251
	Grade		2104+70.00	HB45	1592.65	60.42	-2.00%	0.00	1593.86	0.00	-2.00%	0.00	1593.86	HB45	0.0225	0.8068	0.0000	0.195	0.223	**Left**	HB45	12.00	0.00	3.26	0.00	3.26	18.000	**OK**	0.107	0.107	2.095	2.095		0.223
	Grade		2104+75.00	HB45	1592.76	60.44	-2.00%	0.00	1593.97	0.00	-2.00%	0.00	1593.97	HB45	0.0223	0.7999	0.0000	0.168	0.195	**Left**	HB45	12.00	0.00	3.11	0.00	3.11	18.000	**OK**	0.097	0.097	2.020	2.020		0.195
	Grade		2104+80.00	HB45	1592.87	60.45	-2.00%	0.00	1594.08	0.00	-2.00%	0.00	1594.08	HB45	0.0221	0.7929	0.0000	0.140	0.168	**Left**	HB45	12.00	0.00	2.94	0.00	2.94	18.000	**OK**	0.087	0.087	1.938	1.938		0.168
	Grade		2104+85.00	HB45	1592.98	60.47	-2.00%	0.00	1594.19	0.00	-2.00%	0.00	1594.19	HB45	0.0219	0.7860	0.0000	0.112	0.140	**Left**	HB45	12.00	0.00	2.75	0.00	2.75	18.000	**OK**	0.076	0.076	1.846	1.846		0.140
	Grade		2104+90.00	HB45	1593.09	60.49	-2.00%	0.00	1594.30	0.00	-2.00%	0.00	1594.30	HB45	0.0217	0.7791	0.0000	0.084	0.112	**Left**	HB45	12.00	0.00	2.54	0.00	2.54	18.000	**OK**	0.064	0.064	1.740	1.740		0.112
	Grade		2104+95.00	HB45	1593.19	60.50	-2.00%	0.00	1594.40	0.00	-2.00%	0.00	1594.40	HB45	0.0215	0.7721	0.0000	0.056	0.084	**Left**	HB45	12.00	0.00	2.28	0.00	2.28	18.000	**OK**	0.052	0.052	1.615	1.615		0.084
	Grade		2105+00.00	HB45	1593.30	60.52	-2.00%	0.00	1594.51	0.00	-2.00%	0.00	1594.51	HB45	0.0213	0.7652	0.0000	0.029	0.056	**Left**	HB45	12.00	0.00	1.97	0.00	1.97	18.000	**OK**	0.039	0.039	1.456	1.456		0.056
	Grade		2105+05.00	HB45	1593.41	60.53	-2.00%	0.00	1594.62	0.00	-2.00%	0.00	1594.62	HB45	0.0211	0.7582	0.0000	0.001	0.029	**Left**	HB45	12.00	0.00	1.53	0.00	1.53	18.000	**OK**	0.023	0.023	1.224	1.224		0.029
	Grade	3	2105+10.00	HB45	1593.51	60.55	-2.00%	0.00	1594.72	0.00	-2.00%	0.00	1594.72	HB45	0.0210	0.7513	0.0000	1.508	1.536	**Left**	HB45	12.00	0.00	4.50	0.40	4.90	18.000	**OK**	0.426	0.428	3.601	3.589	3	1.536
	Grade		2105+15.00	HB45	1593.61	60.56	-2.00%	0.00	1594.83	0.00	-2.00%	0.00	1594.83	HB45	0.0208	0.7443	0.0000	1.481	1.508	**Left**	HB45	12.00	0.00	4.50	0.36	4.86	18.000	**OK**	0.423	0.424	3.567	3.557		1.508
	Grade		2105+20.00	HB45	1593.72	60.58	-2.00%	0.00	1594.93	0.00	-2.00%	0.00	1594.93	HB45	0.0206	0.7374	0.0000	1.453	1.481	**Left**	HB45	12.00	0.00	4.50	0.32	4.82	18.000	**OK**	0.419	0.420	3.532	3.524		1.481
	Grade		2105+25.00	HB45	1593.81	61.03	-2.00%	0.00	1595.03	0.00	-2.00%	0.00	1595.03	HB45	0.0204	0.7304	0.0000	1.425	1.453	**Left**	HB45	12.00	0.00	4.50	0.28	4.78	18.000	**OK**	0.415	0.416	3.497	3.491		1.453
	Grade		2105+30.00	HB45	1593.90	61.48	-2.00%	0.00	1595.13	0.00	-2.00%	0.00	1595.13	HB45	0.0202	0.7235	0.0000	1.397	1.425	**Left**	HB45	12.00	0.00	4.50	0.24	4.74	18.000	**OK**	0.412	0.412	3.462	3.457		1.425
	Grade		2105+35.00	HB45	1593.99	61.94	-2.00%	0.00	1595.23	0.00	-2.00%	0.00	1595.23	HB45	0.0200	0.7164	0.0000	1.368	1.397	**Left**	HB45	12.00	0.00	4.50	0.20	4.70	18.000	**OK**	0.408	0.408	3.426	3.423		1.397
	Grade		2105+40.00	HB45	1594.08	62.39	-2.00%	0.00	1595.33	0.00	-2.00%	0.00	1595.33	HB45	0.0198	0.7093	0.0000	1.340	1.368	**Left**	HB45	12.00	0.00	4.50	0.15	4.65	18.000	**OK**	0.404	0.404	3.390	3.388		1.368
	Grade		2105+45.00	HB45	1594.17	62.84	-2.00%	0.00	1595.43	0.00	-2.00%	0.00	1595.43	HB45	0.0196	0.7022	0.0000	1.311	1.340	**Left**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.399	0.400	3.354	3.353		1.340
	Grade		2105+50.00	HB45	1594.26	63.29	-2.00%	0.00	1595.53	0.00	-2.00%	0.00	1595.53	HB45	0.0194	0.6950	0.0000	1.282	1.311	**Left**	HB45	12.00	0.00	4.50	0.06	4.56	18.000	**OK**	0.395	0.395	3.317	3.317		1.311
	Grade		2105+55.00	HB45	1594.35	63.74	-2.00%	0.00	1595.62	0.00	-2.00%	0.00	1595.62	HB45	0.0192	0.6878	0.0000	1.252	1.282	**Left**	HB45	12.00	0.00	4.50	0.01	4.51	18.000	**OK**	0.391	0.391	3.280	3.280		1.282
	Grade		2105+60.00	HB45	1594.43	64.19	-2.00%	0.00	1595.72	0.00	-2.00%	0.00	1595.72	HB45	0.0190	0.6805	0.0000	1.223	1.252	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	3.242	3.242		1.252
	Grade		2105+65.00	HB45	1594.52	64.65	-2.00%	0.00	1595.81	0.00	-2.00%	0.00	1595.81	HB45	0.0188	0.6731	0.0000	1.193	1.223	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	3.204	3.204		1.223
	Grade		2105+70.00	HB45	1594.60	65.10	-2.00%	0.00	1595.90	0.00	-2.00%	0.00	1595.90	HB45	0.0186	0.6657	0.0000	1.164	1.193	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.377	0.377	3.165	3.165		1.193
	Grade		2105+75.00	HB45	1594.69	65.55	-2.00%	0.00	1596.00	0.00	-2.00%	0.00	1596.00	HB45	0.0185	0.6583	0.0000	1.134	1.164	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.372	0.372	3.126	3.126		1.164
	Grade		2105+80.00	HB45	1594.77	66.00	-2.00%	0.00	1596.09	0.00	-2.00%	0.00	1596.09	HB45	0.0183	0.6508	0.0000	1.103	1.134	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.367	0.367	3.086	3.086		1.134
	Grade		2105+85.00	HB45	1594.87	65.60	-2.00%	0.00	1596.18	0.00	-2.00%	0.00	1596.18	HB45	0.0181	0.6433	0.0000	1.073	1.103	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.362	0.362	3.046	3.046		1.103
	Grade		2105+90.00	HB45	1594.96	65.20	-2.00%	0.00	1596.27	0.00	-2.00%	0.00	1596.27	HB45	0.0179	0.6357	0.0000	1.043	1.073	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.357	0.357	3.006	3.006		1.073
	Grade		2105+95.00	HB45	1595.06	64.80	-2.00%	0.00	1596.36	0.00	-2.00%	0.00	1596.36	HB45	0.0177	0.6282	0.0000	1.013	1.043	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.352	0.352	2.965	2.965		1.043
	Grade		2106+00.00	HB45	1595.24	60.22	-2.00%	0.00	1596.44	0.00	-2.00%	0.00	1596.44	HB45	0.0175	0.6207	0.0000	0.984	1.013	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.346	0.346	2.924	2.924		1.013
	Grade		2106+05.00	HB45	1595.33	60.22	-2.00%	0.00	1596.53	0.00	-2.00%	0.00	1596.53	HB45	0.0173	0.6136	0.0000	0.956	0.984	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	2.884	2.884		0.984
	Grade		2106+10.00	HB45	1595.41	60.21	-2.00%	0.00	1596.62	0.00	-2.00%	0.00	1596.62	HB45	0.0171	0.6066	0.0000	0.929	0.956	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.336	0.336	2.845	2.845		0.956
	Grade		2106+15.00	HB45	1595.50	60.21	-2.00%	0.00	1596.70	0.00	-2.00%	0.00	1596.70	HB45	0.0169	0.5997	0.0000	0.901	0.929	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.331	0.331	2.806	2.806		0.929
	Grade		2106+20.00	HB45	1595.58	60.21	-2.00%	0.00	1596.78	0.00	-2.00%	0.00	1596.78	HB45	0.0167	0.5928	0.0000	0.873	0.901	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.326	0.326	2.766	2.766		0.901
	Grade		2106+25.00	HB45	1595.66	60.20	-2.00%	0.00	1596.87	0.00	-2.00%	0.00	1596.87	HB45	0.0165	0.5859	0.0000	0.846	0.873	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.320	0.320	2.726	2.726		0.873
	Grade		2106+30.00	HB45	1595.74	60.20	-2.00%	0.00	1596.95	0.00	-2.00%	0.00	1596.95	HB45	0.0163	0.5790	0.0000	0.818	0.846	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.315	0.315	2.686	2.686		0.846
	Grade		2106+35.00	HB45	1595.82	60.19	-2.00%	0.00	1597.03	0.00	-2.00%	0.00	1597.03	HB45	0.0161	0.5721	0.0000	0.790	0.818	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.309	0.309	2.645	2.645		0.818
	Grade		2106+40.00	HB45	1595.90	60.19	-2.00%	0.00	1597.11	0.00	-2.00%	0.00	1597.11	HB45	0.0160	0.5652	0.0000	0.763	0.790	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.303	0.303	2.604	2.604		0.790
	Grade		2106+45.00	HB45	1595.98	60.19	-2.00%	0.00	1597.19	0.00	-2.00%	0.00	1597.19	HB45	0.0158	0.5583	0.0000	0.735	0.763	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.298	0.298	2.563	2.563		0.763
	Grade		2106+50.00	HB45	1596.06	60.18	-2.00%	0.00	1597.26	0.00	-2.00%	0.00	1597.26	HB45	0.0156	0.5514	0.0000	0.707	0.735	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.292	0.292	2.521	2.521		0.735
	Grade		2106+55.00	HB45	1596.14	60.18	-2.00%	0.00	1597.34	0.00	-2.00%	0.00	1597.34	HB45	0.0154	0.5445	0.0000	0.679	0.707	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.285	0.285	2.479	2.479		0.707
	Grade		2106+60.00	HB45	1596.21	60.18	-2.00%	0.00	1597.42	0.00	-2.00%	0.00	1597.42	HB45	0.0152	0.5375	0.0000	0.652	0.679	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.279	0.279	2.436	2.436		0.679
	Grade		2106+65.00	HB45	1596.29	60.17	-2.00%	0.00	1597.49	0.00	-2.00%	0.00	1597.49	HB45	0.0150	0.5306	0.0000	0.624	0.652	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.272	0.272	2.393	2.393		0.652
	Grade		2106+70.00	HB45	1596.36	60.17	-2.00%	0.00	1597.57	0.00	-2.00%	0.00	1597.57	HB45	0.0148	0.5237	0.0000	0.596	0.624	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.266	0.266	2.350	2.350		0.624
	Grade		2106+75.00	HB45	1596.44	60.17	-2.00%	0.00	1597.64	0.00	-2.00%	0.00	1597.64	HB45	0.0146	0.5168	0.0000	0.569	0.596	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	2.306	2.306		0.596
	Grade		2106+80.00	HB45	1596.51	60.16	-2.00%	0.00	1597.71	0.00	-2.00%	0.00	1597.71	HB45	0.0144	0.5099	0.0000	0.541	0.569	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.251	0.251	2.262	2.262		0.569
	Grade		2106+85.00	HB45	1596.58	60.16	-2.00%	0.00	1597.78	0.00	-2.00%	0.00	1597.78	HB45	0.0142	0.5030	0.0000	0.513	0.541	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.244	0.244	2.217	2.217		0.541
	Grade		2106+90.00	HB45	1596.65	60.16	-2.00%	0.00	1597.85	0.00	-2.00%	0.00	1597.85	HB45	0.0140	0.4961	0.0000	0.486	0.513	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.236	0.236	2.172	2.172		0.513
	Grade		2106+95.00	HB45	1596.72	60.15	-2.00%	0.00	1597.92	0.00	-2.00%	0.00	1597.92	HB45	0.0138	0.4892	0.0000	0.458	0.486	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.228	0.228	2.127	2.127		0.486
	Grade		2107+00.00	HB45	1596.79	60.15	-2.00%	0.00	1597.99	0.00	-2.00%	0.00	1597.99	HB45	0.0136	0.4823	0.0000	0.430	0.458	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.220	0.220	2.082	2.082		0.458
	Grade		2107+05.00	HB45	1596.85	60.14	-2.00%	0.00	1598.06	0.00	-2.00%	0.00	1598.06	HB45	0.0134	0.4754	0.0000	0.403	0.430	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.211	0.211	2.036	2.036		0.430
	Grade		2107+10.00	HB45	1596.92	60.14	-2.00%	0.00	1598.12	0.00	-2.00%	0.00	1598.12	HB45	0.0133	0.4685	0.0000	0.375	0.403	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.202	0.202	1.991	1.991		0.403
	Grade		2107+15.00	HB45	1596.99	60.14	-2.00%	0.00	1598.19	0.00	-2.00%	0.00	1598.19	HB45	0.0131	0.4616	0.0000	0.347	0.375	**Left**	HB45	12.00	0.00	4.39	0.00	4.39	18.000	**OK**	0.193	0.193	1.945	1.945		0.375
	Grade		2107+20.00	HB45	1597.05	60.13	-2.00%	0.00	1598.25	0.00	-2.00%	0.00	1598.25	HB45	0.0129	0.4547	0.0000	0.320	0.347	**Left**	HB45	12.00	0.00	4.28	0.00	4.28	18.000	**OK**	0.183	0.183	1.898	1.898		0.347
	Grade		2107+25.00	HB45	1597.11	60.13	-2.00%	0.00	1598.32	0.00	-2.00%	0.00	1598.32	HB45	0.0127	0.4478	0.0000	0.292	0.320	**Left**	HB45	12.00	0.00	4.16	0.00	4.16	18.000	**OK**	0.173	0.173	1.848	1.848		0.320

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2107+30.00	HB45	1597.18	60.13	-2.00%	0.00	1598.38	0.00	-2.00%	0.00	1598.38	HB45	0.0125	0.4409	0.0000	0.264	0.292	**Left**	HB45	12.00	0.00	4.03	0.00	4.03	18.000	**OK**	0.162	0.162	1.797	1.797		0.292
	Grade		2107+35.00	HB45	1597.24	60.12	-2.00%	0.00	1598.44	0.00	-2.00%	0.00	1598.44	HB45	0.0123	0.4340	0.0000	0.237	0.264	**Left**	HB45	12.00	0.00	3.89	0.00	3.89	18.000	**OK**	0.152	0.152	1.742	1.742		0.264
	Grade		2107+40.00	HB45	1597.30	60.12	-2.00%	0.00	1598.50	0.00	-2.00%	0.00	1598.50	HB45	0.0121	0.4271	0.0000	0.209	0.237	**Left**	HB45	12.00	0.00	3.75	0.00	3.75	18.000	**OK**	0.140	0.140	1.685	1.685		0.237
	Grade		2107+45.00	HB45	1597.36	60.12	-2.00%	0.00	1598.56	0.00	-2.00%	0.00	1598.56	HB45	0.0119	0.4202	0.0000	0.181	0.209	**Left**	HB45	12.00	0.00	3.59	0.00	3.59	18.000	**OK**	0.129	0.129	1.623	1.623		0.209
	Grade		2107+50.00	HB45	1597.42	60.11	-2.00%	0.00	1598.62	0.00	-2.00%	0.00	1598.62	HB45	0.0117	0.4133	0.0000	0.154	0.181	**Left**	HB45	12.00	0.00	3.41	0.00	3.41	18.000	**OK**	0.116	0.116	1.557	1.557		0.181
	Grade		2107+55.00	HB45	1597.47	60.11	-2.00%	0.00	1598.68	0.00	-2.00%	0.00	1598.68	HB45	0.0115	0.4064	0.0000	0.126	0.154	**Left**	HB45	12.00	0.00	3.22	0.00	3.22	18.000	**OK**	0.103	0.103	1.485	1.485		0.154
	Grade		2107+60.00	HB45	1597.53	60.10	-2.00%	0.00	1598.73	0.00	-2.00%	0.00	1598.73	HB45	0.0113	0.3995	0.0000	0.098	0.126	**Left**	HB45	12.00	0.00	2.99	0.00	2.99	18.000	**OK**	0.090	0.090	1.404	1.404		0.126
	Grade		2107+65.00	HB45	1597.59	60.10	-2.00%	0.00	1598.79	0.00	-2.00%	0.00	1598.79	HB45	0.0111	0.3926	0.0000	0.071	0.098	**Left**	HB45	12.00	0.00	2.74	0.00	2.74	18.000	**OK**	0.075	0.075	1.311	1.311		0.098
	Grade		2107+70.00	HB45	1597.64	60.10	-2.00%	0.00	1598.84	0.00	-2.00%	0.00	1598.84	HB45	0.0109	0.3857	0.0000	0.043	0.071	**Left**	HB45	12.00	0.00	2.43	0.00	2.43	18.000	**OK**	0.059	0.059	1.199	1.199		0.071
	Grade		2107+75.00	HB45	1597.70	60.09	-2.00%	0.00	1598.90	0.00	-2.00%	0.00	1598.90	HB45	0.0108	0.3788	0.0000	0.015	0.043	**Left**	HB45	12.00	0.00	2.02	0.00	2.02	18.000	**OK**	0.041	0.041	1.052	1.052		0.043
	Grade	3	2107+80.00	HB45	1597.75	60.09	-2.00%	0.00	1598.95	0.00	-2.00%	0.00	1598.95	HB45	0.0106	0.3719	0.0000	1.491	1.518	**Left**	HB45	12.00	0.00	4.50	1.46	5.96	18.000	**OK**	0.521	0.543	2.884	2.798	3	1.518
	Grade		2107+85.00	HB45	1597.80	60.09	-2.00%	0.00	1599.00	0.00	-2.00%	0.00	1599.00	HB45	0.0104	0.3650	0.0000	1.463	1.491	**Left**	HB45	12.00	0.00	4.50	1.43	5.93	18.000	**OK**	0.519	0.539	2.849	2.766		1.491
	Grade		2107+90.00	HB45	1597.85	60.08	-2.00%	0.00	1599.05	0.00	-2.00%	0.00	1599.05	HB45	0.0102	0.3581	0.0000	1.435	1.463	**Left**	HB45	12.00	0.00	4.50	1.40	5.90	18.000	**OK**	0.516	0.535	2.813	2.734		1.463
	Grade		2107+95.00	HB45	1597.90	60.08	-2.00%	0.00	1599.10	0.00	-2.00%	0.00	1599.10	HB45	0.0100	0.3512	0.0000	1.408	1.435	**Left**	HB45	12.00	0.00	4.50	1.36	5.86	18.000	**OK**	0.513	0.531	2.776	2.701		1.435
	Grade		2108+00.00	HB45	1597.95	60.08	-2.00%	0.00	1599.15	0.00	-2.00%	0.00	1599.15	HB45	0.0098	0.3443	0.0000	1.380	1.408	**Left**	HB45	12.00	0.00	4.50	1.33	5.83	18.000	**OK**	0.510	0.528	2.740	2.668		1.408
	Grade		2108+05.00	HB45	1598.00	60.07	-2.00%	0.00	1599.20	0.00	-2.00%	0.00	1599.20	HB45	0.0096	0.3374	0.0000	1.353	1.380	**Left**	HB45	12.00	0.00	4.50	1.30	5.80	18.000	**OK**	0.507	0.524	2.703	2.635		1.380
	Grade		2108+10.00	HB45	1598.05	60.07	-2.00%	0.00	1599.25	0.00	-2.00%	0.00	1599.25	HB45	0.0094	0.3305	0.0000	1.325	1.353	**Left**	HB45	12.00	0.00	4.50	1.26	5.76	18.000	**OK**	0.504	0.520	2.666	2.602		1.353
	Grade		2108+15.00	HB45	1598.09	60.07	-2.00%	0.00	1599.29	0.00	-2.00%	0.00	1599.29	HB45	0.0092	0.3236	0.0000	1.297	1.325	**Left**	HB45	12.00	0.00	4.50	1.23	5.73	18.000	**OK**	0.501	0.516	2.629	2.568		1.325
	Grade		2108+20.00	HB45	1598.14	60.06	-2.00%	0.00	1599.34	0.00	-2.00%	0.00	1599.34	HB45	0.0090	0.3167	0.0000	1.270	1.297	**Left**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.498	0.512	2.591	2.534		1.297
	Grade		2108+25.00	HB45	1598.18	60.06	-2.00%	0.00	1599.38	0.00	-2.00%	0.00	1599.38	HB45	0.0088	0.3098	0.0000	1.242	1.270	**Left**	HB45	12.00	0.00	4.50	1.16	5.66	18.000	**OK**	0.494	0.508	2.553	2.500		1.270
	Grade		2108+30.00	HB45	1598.22	60.05	-2.00%	0.00	1599.43	0.00	-2.00%	0.00	1599.43	HB45	0.0086	0.3029	0.0000	1.214	1.242	**Left**	HB45	12.00	0.00	4.50	1.12	5.62	18.000	**OK**	0.491	0.504	2.515	2.465		1.242
	Grade		2108+35.00	HB45	1598.27	60.05	-2.00%	0.00	1599.47	0.00	-2.00%	0.00	1599.47	HB45	0.0084	0.2960	0.0000	1.187	1.214	**Left**	HB45	12.00	0.00	4.50	1.09	5.59	18.000	**OK**	0.488	0.500	2.477	2.430		1.214
	Grade		2108+40.00	HB45	1598.31	60.05	-2.00%	0.00	1599.51	0.00	-2.00%	0.00	1599.51	HB45	0.0083	0.2891	0.0000	1.159	1.187	**Left**	HB45	12.00	0.00	4.50	1.05	5.55	18.000	**OK**	0.484	0.495	2.438	2.395		1.187
	Grade		2108+45.00	HB45	1598.35	60.04	-2.00%	0.00	1599.55	0.00	-2.00%	0.00	1599.55	HB45	0.0081	0.2822	0.0000	1.131	1.159	**Left**	HB45	12.00	0.00	4.50	1.01	5.51	18.000	**OK**	0.481	0.491	2.400	2.359		1.159
	Grade		2108+50.00	HB45	1598.39	60.04	-2.00%	0.00	1599.59	0.00	-2.00%	0.00	1599.59	HB45	0.0079	0.2754	0.0000	1.104	1.131	**Left**	HB45	12.00	0.00	4.50	0.97	5.47	18.000	**OK**	0.478	0.487	2.360	2.323		1.131
	Grade		2108+55.00	HB45	1598.43	60.04	-2.00%	0.00	1599.63	0.00	-2.00%	0.00	1599.63	HB45	0.0077	0.2685	0.0000	1.076	1.104	**Left**	HB45	12.00	0.00	4.50	0.93	5.43	18.000	**OK**	0.474	0.483	2.321	2.287		1.104
	Grade		2108+60.00	HB45	1598.46	60.03	-2.00%	0.00	1599.66	0.00	-2.00%	0.00	1599.66	HB45	0.0075	0.2616	0.0000	1.049	1.076	**Left**	HB45	12.00	0.00	4.50	0.89	5.39	18.000	**OK**	0.470	0.478	2.281	2.250		1.076
	Grade		2108+65.00	HB45	1598.50	60.03	-2.00%	0.00	1599.70	0.00	-2.00%	0.00	1599.70	HB45	0.0073	0.2547	0.0000	1.021	1.049	**Left**	HB45	12.00	0.00	4.50	0.85	5.35	18.000	**OK**	0.467	0.474	2.241	2.213		1.049
	Grade		2108+70.00	HB45	1598.54	60.03	-2.00%	0.00	1599.74	0.00	-2.00%	0.00	1599.74	HB45	0.0071	0.2478	0.0000	0.993	1.021	**Left**	HB45	12.00	0.00	4.50	0.81	5.31	18.000	**OK**	0.463	0.469	2.200	2.175		1.021
	Grade		2108+75.00	HB45	1598.57	60.02	-2.00%	0.00	1599.77	0.00	-2.00%	0.00	1599.77	HB45	0.0069	0.2409	0.0000	0.966	0.993	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.459	0.465	2.159	2.137		0.993
	Grade		2108+80.00	HB45	1598.60	60.02	-2.00%	0.00	1599.80	0.00	-2.00%	0.00	1599.80	HB45	0.0067	0.2340	0.0000	0.938	0.966	**Left**	HB45	12.00	0.00	4.50	0.72	5.22	18.000	**OK**	0.455	0.460	2.118	2.098		0.966
	Grade		2108+85.00	HB45	1598.64	60.01	-2.00%	0.00	1599.84	0.00	-2.00%	0.00	1599.84	HB45	0.0065	0.2271	0.0000	0.910	0.938	**Left**	HB45	12.00	0.00	4.50	0.68	5.18	18.000	**OK**	0.451	0.456	2.077	2.059		0.938
	Grade		2108+90.00	HB45	1598.67	60.01	-2.00%	0.00	1599.87	0.00	-2.00%	0.00	1599.87	HB45	0.0063	0.2202	0.0000	0.883	0.910	**Left**	HB45	12.00	0.00	4.50	0.63	5.13	18.000	**OK**	0.447	0.451	2.035	2.019		0.910
	Grade		2108+95.00	HB45	1598.70	60.01	-2.00%	0.00	1599.90	0.00	-2.00%	0.00	1599.90	HB45	0.0061	0.2133	0.0000	0.855	0.883	**Left**	HB45	12.00	0.00	4.50	0.58	5.08	18.000	**OK**	0.443	0.446	1.992	1.979		0.883
	Grade		2109+00.00	HB45	1598.73	60.00	-2.00%	0.00	1599.93	0.00	-2.00%	0.00	1599.93	HB45	0.0059	0.2065	0.0000	0.828	0.855	**Left**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.438	0.441	1.949	1.938		0.855
	Grade		2109+05.00	HB45	1598.76	60.00	-2.00%	0.00	1599.96	0.00	-2.00%	0.00	1599.96	HB45	0.0058	0.1996	0.0000	0.800	0.828	**Left**	HB45	12.00	0.00	4.50	0.49	4.99	18.000	**OK**	0.434	0.436	1.906	1.897		0.828
	Grade		2109+10.00	HB45	1598.79	60.00	-2.00%	0.00	1599.99	0.00	-2.00%	0.00	1599.99	HB45	0.0056	0.1927	0.0000	0.772	0.800	**Left**	HB45	12.00	0.00	4.50	0.44	4.94	18.000	**OK**	0.429	0.431	1.862	1.855		0.800
	Grade		2109+15.00	HB45	1598.81	59.99	-2.00%	0.00	1600.01	0.00	-2.00%	0.00	1600.01	HB45	0.0054	0.1858	0.0000	0.745	0.772	**Left**	HB45	12.00	0.00	4.50	0.38	4.88	18.000	**OK**	0.425	0.426	1.818	1.813		0.772
	Grade		2109+20.00	HB45	1598.84	59.99	-2.00%	0.00	1600.04	0.00	-2.00%	0.00	1600.04	HB45	0.0052	0.1789	0.0000	0.717	0.745	**Left**	HB45	12.00	0.00	4.50	0.33	4.83	18.000	**OK**	0.420	0.421	1.773	1.769		0.745
	Grade		2109+25.00	HB45	1598.86	59.99	-2.00%	0.00	1600.06	0.00	-2.00%	0.00	1600.06	HB45	0.0050	0.1720	0.0000	0.690	0.717	**Left**	HB45	12.00	0.00	4.50	0.28	4.78	18.000	**OK**	0.415	0.416	1.728	1.725		0.717
	Grade		2109+30.00	HB45	1598.89	59.98	-2.00%	0.00	1600.09	0.00	-2.00%	0.00	1600.09	HB45	0.0048	0.1651	0.0000	0.662	0.690	**Left**	HB45	12.00	0.00	4.50	0.22	4.72	18.000	**OK**	0.410	0.410	1.682	1.681		0.690
	Grade		2109+35.00	HB45	1598.91	59.98	-2.00%	0.00	1600.11	0.00	-2.00%	0.00	1600.11	HB45	0.0046	0.1582	0.0000	0.634	0.662	**Left**	HB45	12.00	0.00	4.50	0.16	4.66	18.000	**OK**	0.405	0.405	1.636	1.635		0.662
	Grade		2109+40.00	HB45	1598.93	59.98	-2.00%	0.00	1600.13	0.00	-2.00%	0.00	1600.13	HB45	0.0044	0.1514	0.0000	0.607	0.634	**Left**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.399	0.399	1.589	1.589		0.634
	Grade		2109+45.00	HB45	1598.95	59.97	-2.00%	0.00	1600.15	0.00	-2.00%	0.00	1600.15	HB45	0.0042	0.1445	0.0000	0.579	0.607	**Left**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.394	0.394	1.542	1.541		0.607
	Grade		2109+50.00	HB45	1598.97	59.97	-2.00%	0.00	1600.17	0.00	-2.00%	0.00	1600.17	HB45	0.0040	0.1376	0.0000	0.552	0.579	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.388	0.388	1.493	1.493		0.579
	Grade		2109+55.00	HB45	1598.99	59.96	-2.00%	0.00	1600.19	0.00	-2.00%	0.00	1600.19	HB45	0.0038	0.1307	0.0000	0.524	0.552	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	1.444	1.444		0.552
	Grade		2109+60.00	HB45	1599.01	59.96	-2.00%	0.00	1600.21	0.00	-2.00%	0.00	1600.21	HB45	0.0036	0.1238	0.0000	0.496	0.524	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.376	0.376	1.395	1.395		0.524
	Grade		2109+65.00	HB45	1599.03	59.96	-2.00%	0.00	1600.23	0.00	-2.00%	0.00	1600.23	HB45	0.0034	0.1169	0.0000	0.469	0.496	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.369	0.369	1.344	1.344		0.496
	Grade		2109+70.00	HB45	1599.05	59.95	-2.00%	0.00	1600.24	0.00	-2.00%	0.00	1600.24	HB45	0.0033	0.1101	0.0000	0.441	0.469	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.363	0.363	1.293	1.293		0.469
	Grade		2109+75.00	HB45	1599.06	59.95	-2.00%	0.00	1600.26	0.00	-2.00%	0.00	1600.26	HB45	0.0031	0.1032	0.0000	0.414	0.441	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.356	0.356	1.241	1.241		0.441
	Grade		2109+80.00	HB45	1599.08	59.95	-2.00%	0.00	1600.27	0.00	-2.00%	0.00	1600.27	HB45	0.0029	0.0963	0.0000	0.386	0.414	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.348	0.348	1.187	1.187		0.414
	Grade		2109+85.00	HB45	1599.09	59.94	-2.00%	0.00	1600.29	0.00	-2.00%	0.00	1600.29	HB45	0.0027	0.0894	0.0000	0.358	0.386	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	1.133	1.133		0.386
	Grade		2109+90.00	HB45	1599.10	59.94	-2.00%	0.00	1600.30	0.00	-2.00%	0.00	1600.30	HB45	0.0025	0.0825	0.0000	0.331	0.358	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.333	0.333	1.078	1.078		0.358
	Grade		2109+95.00	HB45	1599.11	59.94	-2.00%	0.00	1600.31	0.00	-2.00%	0.00	1600.31	HB45	0.0023	0.0757	0.0000	0.303	0.331	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.324	0.324	1.021	1.021		0.331
	Grade		2110+00.00	HB45	1599.12	59.93	-2.00%	0.00	1600.32	0.00	-2.00%	0.00	1600.32	HB45	0.0021	0.0688	0.0000	0.276	0.303	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.315	0.315	0.962	0.962		0.303
	Grade		2110+05.00	HB45	1599.13	59.93	-2.00%	0.00	1600.33	0.00	-2.00%	0.00	1600.33	HB45	0.0019	0.0619	0.0000	0.248	0.276	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.305	0.305	0.903	0.903		0.276
	Grade		2110+10.00	HB45	1599.14	59.92	-2.00%	0.00	1600.34	0.00	-2.00%	0.00	1600.34	HB45	0.0017	0.0550	0.0000	0.221	0.248	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.295	0.295	0.841	0.841		0.248
	Grade		2110+15.00	HB45	1599.15	59.92	-2.00%	0.00	1600.35	0.00	-2.00%	0.00	1600.35	HB45	0.0015	0.0481	0.0000	0.193	0.221	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	0.777	0.777		0.221
	Grade		2110+20.00	HB45	1599.16	59.92	-2.00%	0.00	1600.35	0.00	-2.00%	0.00	1600.35	HB45	0.0013	0.0413	0.0000	0.165	0.193	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.272	0.272	0.711	0.711		0.193
	Grade		2110+25.00	HB45	1599.16	59.91	-2.00%	0.00	1600.36	0.00	-2.00%	0.00	1600.36	HB45	0.0011	0.0344	0.0000	0.138	0.165	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.258	0.258	0.642	0.642		0.165
	Grade		2110+30.00	HB45	1599.17	59.91	-2.00%	0.00	1600.36	0.00	-2.00%	0.00	1600.36	HB45	0.0009	0.0275	0.0000	0.110	0.138	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.242	0.242	0.569	0.569		0.138
	Grade		2110+35.00	HB45	1599.17	59.91	-2.00%	0.00	1600.37	0.00	-2.00%	0.00	1600.37	HB45	0.0007	0.0206	0.0000	0.083	0.110	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.224	0.224	0.491	0.491		0.110
	Grade		2110+40.00	HB45	1599.17	59.90	-2.00%	0.00	1600.37	0.00	-2.00%	0.00	1600.37	HB45	0.0006	0.0138	0.0000	0.055	0.083	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.203	0.203	0.408	0.408		0.083
	Grade		2110+45.00	HB45	1599.17	59.90	-2.00%	0.00	1600.37	0.00	-2.00%	0.00	1600.37	HB45	0.0004	0.0069	0.0000	0.028	0.055	**Left**	HB45	12.00	0.00	4.19	0.00	4.19	18.000	**OK**	0.175	0.175	0.315	0.315		0.055
	Crest		2110+50.00	HB45	1599.18	59.90	-2.00%	0.00	1600.37	0.00	-2.00%	0.00	1600.37	HB45	0.0002	0.0000	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	3.72	0.00	3.72	18.000	**OK**	0.138	0.138	0.199	0.199		0.028
	Grade		2110+55.00	HB45	1599.18	59.89	-2.00%	0.00	1600.37	0.00	-2.00%	0.00	1600.37	HB45	0.0000	0.0069	0.0000	0.028	0.055	**Left**	HB45	12.00	0.00	4.50	0.79	5.29	18.000	**OK**	0.461	0.467	0.119	0.118		0.055
	Grade		2110+60.00	HB45	1599.17	59.89	-2.00%	0.00	1600.37	0.00	-2.00%	0.00	1600.37	HB45	-0.0002	0.0137	0.0000	0.055	0.083	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	0.291	0.291		0.083
	Grade		2110+65.00	HB45	1599.17	59.89	-2.00%	0.00	1600.37	0.00	-2.00%	0.00	1600.37	HB45	-0.0004	0.0206	0.0000	0.083	0.110	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.277	0.277	0.397	0.397		0.110
	Grade		2110+70.00	HB45	1599.17	59.88	-2.00%	0.00	1600.37	0.00	-2.00%	0.00	1600.37	HB45	-0.0006	0.0275	0.0000	0.110	0.138	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.283	0.283	0.487	0.487		0.138
	Grade		2110+75.00	HB45	1599.17	59.88	-2.00%	0.00	1600.36	0.00	-2.00%	0.00	1600.36	HB45	-0.0008	0.0344	0.0000	0.138	0.165	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.291	0.291	0.568	0.568		0.165
	Grade		2110+80.00	HB45	1599.16	59.87	-2.00%	0.00	1600.36	0.00	-2.00%	0.00	1600.36	HB45	-0.0010	0.0412	0.0000	0.165	0.193	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.300	0.300	0.643	0.643		0.193

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2110+85.00	HB45	1599.16	59.87	-2.00%	0.00	1600.35	0.00	-2.00%	0.00	1600.35	HB45	-0.0012	0.0481	0.0000	0.193	0.220	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.309	0.309	0.713	0.713		0.220
	Grade		2110+90.00	HB45	1599.15	59.87	-2.00%	0.00	1600.35	0.00	-2.00%	0.00	1600.35	HB45	-0.0014	0.0550	0.0000	0.220	0.248	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.318	0.318	0.781	0.781		0.248
	Grade		2110+95.00	HB45	1599.14	59.86	-2.00%	0.00	1600.34	0.00	-2.00%	0.00	1600.34	HB45	-0.0016	0.0619	0.0000	0.248	0.276	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.326	0.326	0.845	0.845		0.276
	Grade		2111+00.00	HB45	1599.13	59.86	-2.00%	0.00	1600.33	0.00	-2.00%	0.00	1600.33	HB45	-0.0018	0.0687	0.0000	0.276	0.303	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.334	0.334	0.908	0.908		0.303
	Grade		2111+05.00	HB45	1599.12	59.86	-2.00%	0.00	1600.32	0.00	-2.00%	0.00	1600.32	HB45	-0.0019	0.0756	0.0000	0.303	0.331	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.342	0.342	0.968	0.968		0.331
	Grade		2111+10.00	HB45	1599.11	59.85	-2.00%	0.00	1600.31	0.00	-2.00%	0.00	1600.31	HB45	-0.0021	0.0825	0.0000	0.331	0.358	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.349	0.349	1.026	1.026		0.358
	Grade		2111+15.00	HB45	1599.10	59.85	-2.00%	0.00	1600.30	0.00	-2.00%	0.00	1600.30	HB45	-0.0023	0.0893	0.0000	0.358	0.386	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.356	0.356	1.084	1.084		0.386
	Grade		2111+20.00	HB45	1599.09	59.85	-2.00%	0.00	1600.28	0.00	-2.00%	0.00	1600.28	HB45	-0.0025	0.0962	0.0000	0.386	0.413	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.363	0.363	1.139	1.139		0.413
	Grade		2111+25.00	HB45	1599.07	59.85	-2.00%	0.00	1600.27	0.00	-2.00%	0.00	1600.27	HB45	-0.0027	0.1031	0.0000	0.413	0.441	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.369	0.369	1.194	1.194		0.441
	Grade		2111+30.00	HB45	1599.06	59.84	-2.00%	0.00	1600.26	0.00	-2.00%	0.00	1600.26	HB45	-0.0029	0.1100	0.0000	0.441	0.468	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.376	0.376	1.247	1.247		0.468
	Grade		2111+35.00	HB45	1599.04	59.84	-2.00%	0.00	1600.24	0.00	-2.00%	0.00	1600.24	HB45	-0.0031	0.1168	0.0000	0.468	0.496	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	1.299	1.299		0.496
	Grade		2111+40.00	HB45	1599.03	59.84	-2.00%	0.00	1600.22	0.00	-2.00%	0.00	1600.22	HB45	-0.0033	0.1237	0.0000	0.496	0.523	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.388	0.388	1.351	1.351		0.523
	Grade		2111+45.00	HB45	1599.01	59.84	-2.00%	0.00	1600.21	0.00	-2.00%	0.00	1600.21	HB45	-0.0035	0.1306	0.0000	0.523	0.551	**Left**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.393	0.393	1.401	1.401		0.551
	Grade		2111+50.00	HB45	1598.99	59.83	-2.00%	0.00	1600.19	0.00	-2.00%	0.00	1600.19	HB45	-0.0037	0.1374	0.0000	0.551	0.578	**Left**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.399	0.399	1.451	1.451		0.578
	Grade	3	2111+55.00	HB45	1598.97	59.83	-2.00%	0.00	1600.17	0.00	-2.00%	0.00	1600.17	HB45	-0.0039	0.1443	0.0000	0.578	0.606	**Left**	HB45	12.00	0.00	4.50	0.16	4.66	18.000	**OK**	0.404	0.404	1.500	1.499	3	0.606
	Grade		2111+60.00	HB45	1598.95	59.83	-2.00%	0.00	1600.15	0.00	-2.00%	0.00	1600.15	HB45	-0.0041	0.1512	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	2.05	0.00	2.05	18.000	**OK**	0.042	0.042	0.654	0.654		0.028
	Grade		2111+65.00	HB45	1598.93	59.82	-2.00%	0.00	1600.13	0.00	-2.00%	0.00	1600.13	HB45	-0.0043	0.1580	0.0000	0.028	0.055	**Left**	HB45	12.00	0.00	2.64	0.00	2.64	18.000	**OK**	0.070	0.070	0.791	0.791		0.055
	Grade		2111+70.00	HB45	1598.91	59.82	-2.00%	0.00	1600.11	0.00	-2.00%	0.00	1600.11	HB45	-0.0044	0.1649	0.0000	0.055	0.083	**Left**	HB45	12.00	0.00	3.05	0.00	3.05	18.000	**OK**	0.093	0.093	0.890	0.890		0.083
	Grade		2111+75.00	HB45	1598.89	59.82	-2.00%	0.00	1600.08	0.00	-2.00%	0.00	1600.08	HB45	-0.0046	0.1718	0.0000	0.083	0.110	**Left**	HB45	12.00	0.00	3.37	0.00	3.37	18.000	**OK**	0.113	0.113	0.971	0.971		0.110
	Grade		2111+80.00	HB45	1598.86	59.82	-2.00%	0.00	1600.06	0.00	-2.00%	0.00	1600.06	HB45	-0.0048	0.1786	0.0000	0.110	0.138	**Left**	HB45	12.00	0.00	3.63	0.00	3.63	18.000	**OK**	0.132	0.132	1.043	1.043		0.138
	Grade		2111+85.00	HB45	1598.84	59.81	-2.00%	0.00	1600.03	0.00	-2.00%	0.00	1600.03	HB45	-0.0050	0.1855	0.0000	0.138	0.165	**Left**	HB45	12.00	0.00	3.86	0.00	3.86	18.000	**OK**	0.149	0.149	1.108	1.108		0.165
	Grade		2111+90.00	HB45	1598.81	59.81	-2.00%	0.00	1600.01	0.00	-2.00%	0.00	1600.01	HB45	-0.0052	0.1924	0.0000	0.165	0.193	**Left**	HB45	12.00	0.00	4.06	0.00	4.06	18.000	**OK**	0.165	0.165	1.167	1.167		0.193
	Grade		2111+95.00	HB45	1598.78	59.81	-2.00%	0.00	1599.98	0.00	-2.00%	0.00	1599.98	HB45	-0.0054	0.1992	0.0000	0.193	0.220	**Left**	HB45	12.00	0.00	4.24	0.00	4.24	18.000	**OK**	0.180	0.180	1.224	1.224		0.220
	Grade		2112+00.00	HB45	1598.76	59.81	-2.00%	0.00	1599.95	0.00	-2.00%	0.00	1599.95	HB45	-0.0056	0.2061	0.0000	0.220	0.248	**Left**	HB45	12.00	0.00	4.41	0.00	4.41	18.000	**OK**	0.194	0.194	1.277	1.277		0.248
	Grade		2112+05.00	HB45	1598.73	59.80	-2.00%	0.00	1599.92	0.00	-2.00%	0.00	1599.92	HB45	-0.0058	0.2130	0.0000	0.248	0.275	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.207	0.207	1.328	1.328		0.275
	Grade		2112+10.00	HB45	1598.70	59.80	-2.00%	0.00	1599.89	0.00	-2.00%	0.00	1599.89	HB45	-0.0060	0.2198	0.0000	0.275	0.303	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.220	0.220	1.378	1.378		0.303
	Grade		2112+15.00	HB45	1598.67	59.80	-2.00%	0.00	1599.86	0.00	-2.00%	0.00	1599.86	HB45	-0.0062	0.2267	0.0000	0.303	0.330	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.231	0.231	1.429	1.429		0.330
	Grade		2112+20.00	HB45	1598.63	59.79	-2.00%	0.00	1599.83	0.00	-2.00%	0.00	1599.83	HB45	-0.0064	0.2335	0.0000	0.330	0.358	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.242	0.242	1.479	1.479		0.358
	Grade		2112+25.00	HB45	1598.60	59.79	-2.00%	0.00	1599.80	0.00	-2.00%	0.00	1599.80	HB45	-0.0066	0.2404	0.0000	0.358	0.385	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.252	0.252	1.528	1.528		0.385
	Grade		2112+30.00	HB45	1598.57	59.79	-2.00%	0.00	1599.76	0.00	-2.00%	0.00	1599.76	HB45	-0.0068	0.2473	0.0000	0.385	0.413	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.262	0.262	1.577	1.577		0.413
	Grade		2112+35.00	HB45	1598.53	59.79	-2.00%	0.00	1599.73	0.00	-2.00%	0.00	1599.73	HB45	-0.0069	0.2541	0.0000	0.413	0.440	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.271	0.271	1.625	1.625		0.440
	Grade		2112+40.00	HB45	1598.50	59.78	-2.00%	0.00	1599.69	0.00	-2.00%	0.00	1599.69	HB45	-0.0071	0.2610	0.0000	0.440	0.468	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.280	0.280	1.673	1.673		0.468
	Grade		2112+45.00	HB45	1598.46	59.78	-2.00%	0.00	1599.66	0.00	-2.00%	0.00	1599.66	HB45	-0.0072	0.2679	0.0000	0.468	0.495	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.289	0.289	1.712	1.712		0.495
	Grade		2112+50.00	HB45	1598.43	59.78	-2.00%	0.00	1599.62	0.00	-2.00%	0.00	1599.62	HB45	-0.0072	0.2747	0.0000	0.495	0.523	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.300	0.300	1.743	1.743		0.523
	Grade		2112+55.00	HB45	1598.39	59.77	-2.00%	0.00	1599.58	0.00	-2.00%	0.00	1599.58	HB45	-0.0072	0.2816	0.0000	0.523	0.550	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.310	0.310	1.774	1.774		0.550
	Grade		2112+60.00	HB45	1598.35	59.77	-2.00%	0.00	1599.55	0.00	-2.00%	0.00	1599.55	HB45	-0.0072	0.2884	0.0000	0.550	0.578	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.320	0.320	1.804	1.804		0.578
	Grade		2112+65.00	HB45	1598.32	59.77	-2.00%	0.00	1599.51	0.00	-2.00%	0.00	1599.51	HB45	-0.0072	0.2953	0.0000	0.578	0.605	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.330	0.330	1.833	1.833		0.605
	Grade		2112+70.00	HB45	1598.28	59.77	-2.00%	0.00	1599.48	0.00	-2.00%	0.00	1599.48	HB45	-0.0072	0.3022	0.0000	0.605	0.633	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.340	0.340	1.862	1.862		0.633
	Grade		2112+75.00	HB45	1598.24	59.76	-2.00%	0.00	1599.44	0.00	-2.00%	0.00	1599.44	HB45	-0.0072	0.3090	0.0000	0.633	0.660	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.349	0.349	1.890	1.890		0.660
	Grade		2112+80.00	HB45	1598.21	59.76	-2.00%	0.00	1599.40	0.00	-2.00%	0.00	1599.40	HB45	-0.0072	0.3159	0.0000	0.660	0.688	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.359	0.359	1.918	1.918		0.688
	Grade		2112+85.00	HB45	1598.17	59.76	-2.00%	0.00	1599.37	0.00	-2.00%	0.00	1599.37	HB45	-0.0072	0.3227	0.0000	0.688	0.715	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.368	0.368	1.945	1.945		0.715
	Grade		2112+90.00	HB45	1598.14	59.76	-2.00%	0.00	1599.33	0.00	-2.00%	0.00	1599.33	HB45	-0.0072	0.3296	0.0000	0.715	0.743	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.377	0.377	1.971	1.971		0.743
	Grade		2112+95.00	HB45	1598.10	59.75	-2.00%	0.00	1599.30	0.00	-2.00%	0.00	1599.30	HB45	-0.0072	0.3365	0.0000	0.743	0.770	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	1.997	1.997		0.770
	Grade		2113+00.00	HB45	1598.06	59.75	-2.00%	0.00	1599.26	0.00	-2.00%	0.00	1599.26	HB45	-0.0072	0.3433	0.0000	0.770	0.798	**Left**	HB45	12.00	0.00	4.50	0.05	4.55	18.000	**OK**	0.394	0.394	2.023	2.023		0.798
	Grade		2113+05.00	HB45	1598.03	59.75	-2.00%	0.00	1599.22	0.00	-2.00%	0.00	1599.22	HB45	-0.0072	0.3502	0.0000	0.798	0.825	**Left**	HB45	12.00	0.00	4.50	0.14	4.64	18.000	**OK**	0.403	0.403	2.048	2.047		0.825
	Grade		2113+10.00	HB45	1597.99	59.74	-2.00%	0.00	1599.19	0.00	-2.00%	0.00	1599.19	HB45	-0.0072	0.3570	0.0000	0.825	0.853	**Left**	HB45	12.00	0.00	4.50	0.24	4.74	18.000	**OK**	0.411	0.412	2.073	2.070		0.853
	Grade		2113+15.00	HB45	1597.96	59.74	-2.00%	0.00	1599.15	0.00	-2.00%	0.00	1599.15	HB45	-0.0072	0.3639	0.0000	0.853	0.880	**Left**	HB45	12.00	0.00	4.50	0.33	4.83	18.000	**OK**	0.420	0.421	2.097	2.092		0.880
	Grade		2113+20.00	HB45	1597.92	59.74	-2.00%	0.00	1599.11	0.00	-2.00%	0.00	1599.11	HB45	-0.0072	0.3707	0.0000	0.880	0.908	**Left**	HB45	12.00	0.00	4.50	0.42	4.92	18.000	**OK**	0.428	0.430	2.121	2.113		0.908
	Grade		2113+25.00	HB45	1597.88	59.74	-2.00%	0.00	1599.08	0.00	-2.00%	0.00	1599.08	HB45	-0.0072	0.3776	0.0000	0.908	0.935	**Left**	HB45	12.00	0.00	4.50	0.51	5.01	18.000	**OK**	0.436	0.439	2.144	2.133		0.935
	Grade		2113+30.00	HB45	1597.85	59.73	-2.00%	0.00	1599.04	0.00	-2.00%	0.00	1599.04	HB45	-0.0072	0.3845	0.0000	0.935	0.963	**Left**	HB45	12.00	0.00	4.50	0.60	5.10	18.000	**OK**	0.444	0.447	2.167	2.152		0.963
	Grade		2113+35.00	HB45	1597.81	59.73	-2.00%	0.00	1599.01	0.00	-2.00%	0.00	1599.01	HB45	-0.0072	0.3913	0.0000	0.963	0.990	**Left**	HB45	12.00	0.00	4.50	0.68	5.18	18.000	**OK**	0.452	0.456	2.189	2.170		0.990
	Grade		2113+40.00	HB45	1597.78	59.73	-2.00%	0.00	1598.97	0.00	-2.00%	0.00	1598.97	HB45	-0.0072	0.3982	0.0000	0.990	1.018	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.459	0.465	2.211	2.188		1.018
	Grade		2113+45.00	HB45	1597.74	59.73	-2.00%	0.00	1598.93	0.00	-2.00%	0.00	1598.93	HB45	-0.0072	0.4050	0.0000	1.018	1.045	**Left**	HB45	12.00	0.00	4.50	0.85	5.35	18.000	**OK**	0.467	0.474	2.233	2.205		1.045
	Grade		2113+50.00	HB45	1597.70	59.72	-2.00%	0.00	1598.90	0.00	-2.00%	0.00	1598.90	HB45	-0.0072	0.4119	0.0000	1.045	1.073	**Left**	HB45	12.00	0.00	4.50	0.94	5.44	18.000	**OK**	0.474	0.483	2.254	2.221		1.073
	Grade		2113+55.00	HB45	1597.67	59.72	-2.00%	0.00	1598.86	0.00	-2.00%	0.00	1598.86	HB45	-0.0072	0.4187	0.0000	1.073	1.100	**Left**	HB45	12.00	0.00	4.50	1.02	5.52	18.000	**OK**	0.482	0.492	2.275	2.237		1.100
	Grade		2113+60.00	HB45	1597.63	59.72	-2.00%	0.00	1598.82	0.00	-2.00%	0.00	1598.82	HB45	-0.0072	0.4256	0.0000	1.100	1.128	**Left**	HB45	12.00	0.00	4.50	1.10	5.60	18.000	**OK**	0.489	0.501	2.296	2.252		1.128
	Grade		2113+65.00	HB45	1597.59	59.71	-2.00%	0.00	1598.79	0.00	-2.00%	0.00	1598.79	HB45	-0.0072	0.4324	0.0000	1.128	1.155	**Left**	HB45	12.00	0.00	4.50	1.18	5.68	18.000	**OK**	0.496	0.510	2.316	2.266		1.155
	Grade		2113+70.00	HB45	1597.56	59.71	-2.00%	0.00	1598.75	0.00	-2.00%	0.00	1598.75	HB45	-0.0072	0.4393	0.0000	1.155	1.183	**Left**	HB45	12.00	0.00	4.50	1.25	5.75	18.000	**OK**	0.503	0.519	2.336	2.280		1.183
	Grade		2113+75.00	HB45	1597.52	59.71	-2.00%	0.00	1598.72	0.00	-2.00%	0.00	1598.72	HB45	-0.0072	0.4462	0.0000	1.183	1.210	**Left**	HB45	12.00	0.00	4.50	1.33	5.83	18.000	**OK**	0.510	0.528	2.355	2.294		1.210
	Grade		2113+80.00	HB45	1597.49	59.71	-2.00%	0.00	1598.68	0.00	-2.00%	0.00	1598.68	HB45	-0.0072	0.4530	0.0000	1.210	1.238	**Left**	HB45	12.00	0.00	4.50	1.41	5.91	18.000	**OK**	0.517	0.536	2.374	2.307		1.238
	Grade		2113+85.00	HB45	1597.45	59.70	-2.00%	0.00	1598.64	0.00	-2.00%	0.00	1598.64	HB45	-0.0072	0.4599	0.0000	1.238	1.265	**Left**	HB45	12.00	0.00	4.50	1.48	5.98	18.000	**OK**	0.523	0.545	2.393	2.320		1.265
	Grade		2113+90.00	HB45	1597.41	59.70	-2.00%	0.00	1598.61	0.00	-2.00%	0.00	1598.61	HB45	-0.0072	0.4667	0.0000	1.265	1.293	**Left**	HB45	12.00	0.00	4.50	1.56	6.06	18.000	**OK**	0.530	0.554	2.412	2.332		1.293
	Grade		2113+95.00	HB45	1597.38	59.70	-2.00%	0.00	1598.57	0.00	-2.00%	0.00	1598.57	HB45	-0.0072	0.4736	0.0000	1.293	1.320	**Left**	HB45	12.00	0.00	4.50	1.63	6.13	18.000	**OK**	0.537	0.563	2.430	2.344		1.320
	Grade		2114+00.00	HB45	1597.34	59.70	-2.00%	0.00	1598.54	0.00	-2.00%	0.00	1598.54	HB45	-0.0072	0.4804	0.0000	1.320	1.348	**Left**	HB45	12.00	0.00	4.50	1.70	6.20	18.000	**OK**	0.543	0.572	2.448	2.356		1.348
	Grade		2114+05.00	HB45	1597.31	59.69	-2.00%	0.00	1598.50	0.00	-2.00%	0.00	1598.50	HB45	-0.0072	0.4873	0.0000	1.348	1.375	**Left**	HB45	12.00	0.00	4.50	1.77	6.27	18.000	**OK**	0.549	0.581	2.466	2.367		1.375
	Grade		2114+10.00	HB45	1597.27	59.69	-2.00%	0.00	1598.46	0.00	-2.00%	0.00	1598.46	HB45	-0.0072	0.4941	0.0000	1.375	1.403	**Left**	HB45	12.00	0.00	4.50	1.84	6.34	18.000	**OK**	0.556	0.590	2.483	2.378		1.403
	Grade		2114+15.00	HB45	1597.23	59.69	-2.00%	0.00	1598.43	0.00	-2.00%	0.00	1598.43	HB45	-0.0072	0.5010	0.0000	1.403	1.430	**Left**	HB45	12.00	0.00	4.50	1.91	6.41	18.000	**OK**	0.562	0.599	2.500	2.389		1.430
	Grade		2114+20.00	HB45	1597.20	59.68	-2.00%	0.00	1598.39	0.00	-2.00%	0.00	1598.39	HB45	-0.0072	0.5078	0.0000	1.430	1.457	**Left**	HB45	12.00	0.00	4.50	1.98	6.48	18.000	**OK**	0.568	0.607	2.517	2.400		1.457
	Grade		2114+25.00	HB45	1597.16	59.68	-2.00%	0.00	1598.35	0.00	-2.00%	0.00	1598.35	HB45	-0.0072	0.5147	0.0000	1.457	1.485	**Left**	HB45	12.00	0.00	4.50	2.05	6.55	18.000	**OK**	0.574	0.616	2.534	2.410		1.485
	Grade		2114+30.00	HB45	1597.12	59.68	-2.00%	0.00	1598.32	0.00	-2.00%	0.00	1598.32	HB45	-0.0072	0.5215	0.0000	1.485	1.512	**Left**	HB45	12.00	0.00	4.50	2.11	6.61	18.000	**OK**	0.580	0.625	2.551	2.420		1.512
	Grade		2114+35.00	HB45	1597.09	59.68	-2.00%	0.00	1598.28	0.00	-2.00%	0.00	1598.28	HB45	-0.0072	0.5284	0.0000	1.512	1.540	**Left**	HB45	12.00	0.00	4.50	2.18	6.68	18.000	**OK**	0.586	0.634	2.567	2.430		1.540

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2114+40.00	HB45	1597.05	59.67	-2.00%	0.00	1598.25	0.00	-2.00%	0.00	1598.25	HB45	-0.0072	0.5352	0.0000	1.540	1.567	**Left**	HB45	12.00	0.00	4.50	2.25	6.75	18.000	**OK**	0.592	0.643	2.583	2.439		1.567
	Grade		2114+45.00	HB45	1597.02	59.67	-2.00%	0.00	1598.21	0.00	-2.00%	0.00	1598.21	HB45	-0.0072	0.5421	0.0000	1.567	1.595	**Left**	HB45	12.00	0.00	4.50	2.31	6.81	18.000	**OK**	0.598	0.651	2.599	2.449		1.595
	Grade		2114+50.00	HB45	1596.98	59.67	-2.00%	0.00	1598.17	0.00	-2.00%	0.00	1598.17	HB45	-0.0072	0.5489	0.0000	1.595	1.622	**Left**	HB45	12.00	0.00	4.50	2.37	6.87	18.000	**OK**	0.604	0.660	2.614	2.458		1.622
	Grade		2114+55.00	HB45	1596.94	59.66	-2.00%	0.00	1598.14	0.00	-2.00%	0.00	1598.14	HB45	-0.0072	0.5558	0.0000	1.622	1.650	**Left**	HB45	12.00	0.00	4.50	2.44	6.94	18.000	**OK**	0.609	0.669	2.630	2.467		1.650
	Grade		2114+60.00	HB45	1596.91	59.66	-2.00%	0.00	1598.10	0.00	-2.00%	0.00	1598.10	HB45	-0.0072	0.5626	0.0000	1.650	1.677	**Left**	HB45	12.00	0.00	4.50	2.50	7.00	18.000	**OK**	0.615	0.677	2.645	2.475		1.677
	Grade		2114+65.00	HB45	1596.87	59.66	-2.00%	0.00	1598.07	0.00	-2.00%	0.00	1598.07	HB45	-0.0072	0.5695	0.0000	1.677	1.705	**Left**	HB45	12.00	0.00	4.50	2.56	7.06	18.000	**OK**	0.621	0.686	2.660	2.484		1.705
	Grade		2114+70.00	HB45	1596.84	59.66	-2.00%	0.00	1598.03	0.00	-2.00%	0.00	1598.03	HB45	-0.0072	0.5763	0.0000	1.705	1.732	**Left**	HB45	12.00	0.00	4.50	2.62	7.12	18.000	**OK**	0.626	0.695	2.675	2.493		1.732
	Grade		2114+75.00	HB45	1596.80	59.65	-2.00%	0.00	1597.99	0.00	-2.00%	0.00	1597.99	HB45	-0.0072	0.5832	0.0000	1.732	1.759	**Left**	HB45	12.00	0.00	4.50	2.68	7.18	18.000	**OK**	0.632	0.704	2.689	2.501		1.759
	Grade		2114+80.00	HB45	1596.76	59.65	-2.00%	0.00	1597.96	0.00	-2.00%	0.00	1597.96	HB45	-0.0072	0.5900	0.0000	1.759	1.787	**Left**	HB45	12.00	0.00	4.50	2.74	7.24	18.000	**OK**	0.637	0.712	2.704	2.509		1.787
	Grade		2114+85.00	HB45	1596.73	59.65	-2.00%	0.00	1597.92	0.00	-2.00%	0.00	1597.92	HB45	-0.0072	0.5969	0.0000	1.787	1.814	**Left**	HB45	12.00	0.00	4.50	2.80	7.30	18.000	**OK**	0.642	0.721	2.718	2.517		1.814
	Grade		2114+90.00	HB45	1596.69	59.65	-2.00%	0.00	1597.88	0.00	-2.00%	0.00	1597.88	HB45	-0.0072	0.6037	0.0000	1.814	1.842	**Left**	HB45	12.00	0.00	4.50	2.86	7.36	18.000	**OK**	0.648	0.730	2.732	2.525		1.842
	Grade		2114+95.00	HB45	1596.66	59.64	-2.00%	0.00	1597.85	0.00	-2.00%	0.00	1597.85	HB45	-0.0072	0.6106	0.0000	1.842	1.869	**Left**	HB45	12.00	0.00	4.50	2.92	7.42	18.000	**OK**	0.653	0.738	2.746	2.532		1.869
	Grade		2115+00.00	HB45	1596.62	59.64	-2.00%	0.00	1597.81	0.00	-2.00%	0.00	1597.81	HB45	-0.0072	0.6174	0.0000	1.869	1.897	**Left**	HB45	12.00	0.00	4.50	2.98	7.48	18.000	**OK**	0.658	0.747	2.760	2.540		1.897
	Grade		2115+05.00	HB45	1596.58	59.63	-2.00%	0.00	1597.78	0.00	-2.00%	0.00	1597.78	HB45	-0.0072	0.6242	0.0000	1.897	1.924	**Left**	HB45	12.00	0.00	4.50	3.04	7.54	18.000	**OK**	0.663	0.755	2.774	2.548		1.924
	Grade		2115+10.00	HB45	1596.55	59.63	-2.00%	0.00	1597.74	0.00	-2.00%	0.00	1597.74	HB45	-0.0072	0.6311	0.0000	1.924	1.952	**Left**	HB45	12.00	0.00	4.50	3.09	7.59	18.000	**OK**	0.668	0.764	2.787	2.555		1.952
	Grade		2115+15.00	HB45	1596.51	59.62	-2.00%	0.00	1597.70	0.00	-2.00%	0.00	1597.70	HB45	-0.0072	0.6379	0.0000	1.952	1.979	**Left**	HB45	12.00	0.00	4.50	3.15	7.65	18.000	**OK**	0.673	0.772	2.800	2.562		1.979
	Grade		2115+20.00	HB45	1596.47	59.62	-2.00%	0.00	1597.67	0.00	-2.00%	0.00	1597.67	HB45	-0.0072	0.6448	0.0000	1.979	2.006	**Left**	HB45	12.00	0.00	4.50	3.20	7.70	18.000	**OK**	0.678	0.781	2.814	2.569		2.006
	Grade		2115+25.00	HB45	1596.44	59.61	-2.00%	0.00	1597.63	0.00	-2.00%	0.00	1597.63	HB45	-0.0072	0.6516	0.0000	2.006	2.034	**Left**	HB45	12.00	0.00	4.50	3.26	7.76	18.000	**OK**	0.683	0.790	2.827	2.576		2.034
	Grade		2115+30.00	HB45	1596.40	59.61	-2.00%	0.00	1597.59	0.00	-2.00%	0.00	1597.59	HB45	-0.0072	0.6585	0.0000	2.034	2.061	**Left**	HB45	12.00	0.00	4.50	3.31	7.81	18.000	**OK**	0.688	0.798	2.840	2.583		2.061
	Grade		2115+35.00	HB45	1596.37	59.60	-2.00%	0.00	1597.56	0.00	-2.00%	0.00	1597.56	HB45	-0.0072	0.6653	0.0000	2.061	2.089	**Left**	HB45	12.00	0.00	4.50	3.37	7.87	18.000	**OK**	0.693	0.807	2.852	2.590		2.089
	Grade		2115+40.00	HB45	1596.33	59.60	-2.00%	0.00	1597.52	0.00	-2.00%	0.00	1597.52	HB45	-0.0072	0.6721	0.0000	2.089	2.116	**Left**	HB45	12.00	0.00	4.50	3.42	7.92	18.000	**OK**	0.698	0.815	2.865	2.597		2.116
	Grade		2115+45.00	HB45	1596.29	59.59	-2.00%	0.00	1597.49	0.00	-2.00%	0.00	1597.49	HB45	-0.0072	0.6790	0.0000	2.116	2.144	**Left**	HB45	12.00	0.00	4.50	3.47	7.97	18.000	**OK**	0.703	0.823	2.877	2.603		2.144
	Grade		2115+50.00	HB45	1596.26	59.59	-2.00%	0.00	1597.45	0.00	-2.00%	0.00	1597.45	HB45	-0.0072	0.6858	0.0000	2.144	2.171	**Left**	HB45	12.00	0.00	4.50	3.53	8.03	18.000	**OK**	0.707	0.832	2.890	2.610		2.171
	Grade		2115+55.00	HB45	1596.22	59.58	-2.00%	0.00	1597.41	0.00	-2.00%	0.00	1597.41	HB45	-0.0072	0.6927	0.0000	2.171	2.198	**Left**	HB45	12.00	0.00	4.50	3.58	8.08	18.000	**OK**	0.712	0.840	2.902	2.616		2.198
	Grade		2115+60.00	HB45	1596.19	59.58	-2.00%	0.00	1597.38	0.00	-2.00%	0.00	1597.38	HB45	-0.0072	0.6995	0.0000	2.198	2.226	**Left**	HB45	12.00	0.00	4.50	3.63	8.13	18.000	**OK**	0.717	0.849	2.914	2.622		2.226
	Grade		2115+65.00	HB45	1596.15	59.57	-2.00%	0.00	1597.34	0.00	-2.00%	0.00	1597.34	HB45	-0.0072	0.7063	0.0000	2.226	2.253	**Left**	HB45	12.00	0.00	4.50	3.68	8.18	18.000	**OK**	0.722	0.857	2.926	2.629		2.253
	Grade		2115+70.00	HB45	1596.11	59.57	-2.00%	0.00	1597.31	0.00	-2.00%	0.00	1597.31	HB45	-0.0072	0.7132	0.0000	2.253	2.281	**Left**	HB45	12.00	0.00	4.50	3.73	8.23	18.000	**OK**	0.726	0.866	2.938	2.635		2.281
	Grade		2115+75.00	HB45	1596.08	59.56	-2.00%	0.00	1597.27	0.00	-2.00%	0.00	1597.27	HB45	-0.0072	0.7200	0.0000	2.281	2.308	**Left**	HB45	12.00	0.00	4.50	3.79	8.29	18.000	**OK**	0.731	0.874	2.950	2.641		2.308
	Grade		2115+80.00	HB45	1596.04	59.56	-2.00%	0.00	1597.23	0.00	-2.00%	0.00	1597.23	HB45	-0.0072	0.7269	0.0000	2.308	2.336	**Left**	HB45	12.00	0.00	4.50	3.84	8.34	18.000	**OK**	0.735	0.882	2.962	2.647		2.336
	Grade		2115+85.00	HB45	1596.01	59.55	-2.00%	0.00	1597.20	0.00	-2.00%	0.00	1597.20	HB45	-0.0072	0.7337	0.0000	2.336	2.363	**Left**	HB45	12.00	0.00	4.50	3.89	8.39	18.000	**OK**	0.740	0.891	2.973	2.653		2.363
	Grade	3	2115+90.00	HB45	1595.97	59.55	-2.00%	0.00	1597.16	0.00	-2.00%	0.00	1597.16	HB45	-0.0072	0.7405	0.0000	2.363	2.390	**Left**	HB45	12.00	0.00	4.50	3.93	8.43	18.000	**OK**	0.744	0.899	2.985	2.659	3	2.390
	Grade		2115+95.00	HB45	1595.93	59.54	-2.00%	0.00	1597.12	0.00	-2.00%	0.00	1597.12	HB45	-0.0072	0.7474	0.0000	0.178	0.205	**Left**	HB45	12.00	0.00	3.91	0.00	3.91	18.000	**OK**	0.153	0.153	1.341	1.341		0.205
	Grade		2116+00.00	HB45	1595.90	59.54	-2.00%	0.00	1597.09	0.00	-2.00%	0.00	1597.09	HB45	-0.0072	0.7542	0.0000	0.205	0.233	**Left**	HB45	12.00	0.00	4.10	0.00	4.10	18.000	**OK**	0.168	0.168	1.383	1.383		0.233
	Grade		2116+05.00	HB45	1595.86	59.53	-2.00%	0.00	1597.05	0.00	-2.00%	0.00	1597.05	HB45	-0.0072	0.7610	0.0000	0.233	0.260	**Left**	HB45	12.00	0.00	4.27	0.00	4.27	18.000	**OK**	0.183	0.183	1.422	1.422		0.260
	Grade		2116+10.00	HB45	1595.83	59.53	-2.00%	0.00	1597.02	0.00	-2.00%	0.00	1597.02	HB45	-0.0072	0.7679	0.0000	0.260	0.287	**Left**	HB45	12.00	0.00	4.44	0.00	4.44	18.000	**OK**	0.197	0.197	1.458	1.458		0.287
	Grade		2116+15.00	HB45	1595.79	59.52	-2.00%	0.00	1596.98	0.00	-2.00%	0.00	1596.98	HB45	-0.0072	0.7747	0.0000	0.287	0.315	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.211	0.211	1.493	1.493		0.315
	Grade		2116+20.00	HB45	1595.75	59.52	-2.00%	0.00	1596.94	0.00	-2.00%	0.00	1596.94	HB45	-0.0072	0.7815	0.0000	0.315	0.342	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.224	0.224	1.527	1.527		0.342
	Grade		2116+25.00	HB45	1595.72	59.51	-2.00%	0.00	1596.91	0.00	-2.00%	0.00	1596.91	HB45	-0.0072	0.7884	0.0000	0.342	0.369	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.237	0.237	1.561	1.561		0.369
	Grade		2116+30.00	HB45	1595.68	59.51	-2.00%	0.00	1596.87	0.00	-2.00%	0.00	1596.87	HB45	-0.0072	0.7952	0.0000	0.369	0.397	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.249	0.249	1.595	1.595		0.397
	Grade		2116+35.00	HB45	1595.64	59.50	-2.00%	0.00	1596.83	0.00	-2.00%	0.00	1596.83	HB45	-0.0072	0.8020	0.0000	0.397	0.424	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.261	0.261	1.629	1.629		0.424
	Grade		2116+40.00	HB45	1595.61	59.50	-2.00%	0.00	1596.80	0.00	-2.00%	0.00	1596.80	HB45	-0.0072	0.8089	0.0000	0.424	0.452	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.272	0.272	1.661	1.661		0.452
	Grade		2116+45.00	HB45	1595.57	59.49	-2.00%	0.00	1596.76	0.00	-2.00%	0.00	1596.76	HB45	-0.0072	0.8157	0.0000	0.452	0.479	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.283	0.283	1.693	1.693		0.479
	Grade		2116+50.00	HB45	1595.54	59.49	-2.00%	0.00	1596.73	0.00	-2.00%	0.00	1596.73	HB45	-0.0072	0.8225	0.0000	0.479	0.506	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.294	0.294	1.725	1.725		0.506
	Grade		2116+55.00	HB45	1595.50	59.48	-2.00%	0.00	1596.69	0.00	-2.00%	0.00	1596.69	HB45	-0.0072	0.8293	0.0000	0.506	0.534	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.304	0.304	1.756	1.756		0.534
	Grade		2116+60.00	HB45	1595.46	59.48	-2.00%	0.00	1596.65	0.00	-2.00%	0.00	1596.65	HB45	-0.0072	0.8362	0.0000	0.534	0.561	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.314	0.314	1.786	1.786		0.561
	Grade		2116+65.00	HB45	1595.43	59.47	-2.00%	0.00	1596.62	0.00	-2.00%	0.00	1596.62	HB45	-0.0072	0.8430	0.0000	0.561	0.589	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.324	0.324	1.815	1.815		0.589
	Grade		2116+70.00	HB45	1595.39	59.47	-2.00%	0.00	1596.58	0.00	-2.00%	0.00	1596.58	HB45	-0.0072	0.8498	0.0000	0.589	0.616	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.334	0.334	1.844	1.844		0.616
	Grade		2116+75.00	HB45	1595.36	59.46	-2.00%	0.00	1596.55	0.00	-2.00%	0.00	1596.55	HB45	-0.0072	0.8566	0.0000	0.616	0.643	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.344	0.344	1.873	1.873		0.643
	Grade		2116+80.00	HB45	1595.32	59.46	-2.00%	0.00	1596.51	0.00	-2.00%	0.00	1596.51	HB45	-0.0072	0.8635	0.0000	0.643	0.671	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.353	0.353	1.900	1.900		0.671
	Grade		2116+85.00	HB45	1595.28	59.45	-2.00%	0.00	1596.47	0.00	-2.00%	0.00	1596.47	HB45	-0.0072	0.8703	0.0000	0.671	0.698	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.362	0.362	1.928	1.928		0.698
	Grade		2116+90.00	HB45	1595.25	59.45	-2.00%	0.00	1596.44	0.00	-2.00%	0.00	1596.44	HB45	-0.0072	0.8771	0.0000	0.698	0.725	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.371	0.371	1.954	1.954		0.725
	Grade		2116+95.00	HB45	1595.21	59.44	-2.00%	0.00	1596.40	0.00	-2.00%	0.00	1596.40	HB45	-0.0072	0.8839	0.0000	0.725	0.753	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.380	0.380	1.981	1.981		0.753
	Grade		2117+00.00	HB45	1595.18	59.44	-2.00%	0.00	1596.36	0.00	-2.00%	0.00	1596.36	HB45	-0.0072	0.8908	0.0000	0.753	0.780	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.389	0.389	2.006	2.006		0.780
	Grade		2117+05.00	HB45	1595.14	59.43	-2.00%	0.00	1596.33	0.00	-2.00%	0.00	1596.33	HB45	-0.0072	0.8976	0.0000	0.780	0.807	**Left**	HB45	12.00	0.00	4.50	0.08	4.58	18.000	**OK**	0.397	0.397	2.032	2.031		0.807
	Grade		2117+10.00	HB45	1595.10	59.43	-2.00%	0.00	1596.29	0.00	-2.00%	0.00	1596.29	HB45	-0.0072	0.9044	0.0000	0.807	0.835	**Left**	HB45	12.00	0.00	4.50	0.18	4.68	18.000	**OK**	0.406	0.406	2.056	2.055		0.835
	Grade		2117+15.00	HB45	1595.07	59.42	-2.00%	0.00	1596.26	0.00	-2.00%	0.00	1596.26	HB45	-0.0072	0.9112	0.0000	0.835	0.862	**Left**	HB45	12.00	0.00	4.50	0.27	4.77	18.000	**OK**	0.414	0.415	2.081	2.078		0.862
	Grade		2117+20.00	HB45	1595.03	59.42	-2.00%	0.00	1596.22	0.00	-2.00%	0.00	1596.22	HB45	-0.0072	0.9180	0.0000	0.862	0.889	**Left**	HB45	12.00	0.00	4.50	0.36	4.86	18.000	**OK**	0.422	0.424	2.105	2.099		0.889
	Grade		2117+25.00	HB45	1595.00	59.41	-2.00%	0.00	1596.18	0.00	-2.00%	0.00	1596.18	HB45	-0.0072	0.9249	0.0000	0.889	0.917	**Left**	HB45	12.00	0.00	4.50	0.45	4.95	18.000	**OK**	0.431	0.433	2.128	2.119		0.917
	Grade		2117+30.00	HB45	1594.96	59.41	-2.00%	0.00	1596.15	0.00	-2.00%	0.00	1596.15	HB45	-0.0072	0.9317	0.0000	0.917	0.944	**Left**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.438	0.441	2.151	2.139		0.944
	Grade		2117+35.00	HB45	1594.92	59.40	-2.00%	0.00	1596.11	0.00	-2.00%	0.00	1596.11	HB45	-0.0072	0.9385	0.0000	0.944	0.971	**Left**	HB45	12.00	0.00	4.50	0.63	5.13	18.000	**OK**	0.446	0.450	2.174	2.158		0.971
	Grade		2117+40.00	HB45	1594.89	59.40	-2.00%	0.00	1596.07	0.00	-2.00%	0.00	1596.07	HB45	-0.0072	0.9453	0.0000	0.971	0.999	**Left**	HB45	12.00	0.00	4.50	0.71	5.21	18.000	**OK**	0.454	0.459	2.196	2.176		0.999
	Grade		2117+45.00	HB45	1594.85	59.39	-2.00%	0.00	1596.04	0.00	-2.00%	0.00	1596.04	HB45	-0.0072	0.9521	0.0000	0.999	1.026	**Left**	HB45	12.00	0.00	4.50	0.80	5.30	18.000	**OK**	0.462	0.468	2.218	2.193		1.026
	Grade		2117+50.00	HB45	1594.81	59.39	-2.00%	0.00	1596.00	0.00	-2.00%	0.00	1596.00	HB45	-0.0072	0.9590	0.0000	1.026	1.053	**Left**	HB45	12.00	0.00	4.50	0.88	5.38	18.000	**OK**	0.469	0.477	2.239	2.210		1.053
	Grade		2117+55.00	HB45	1594.78	59.38	-2.00%	0.00	1595.97	0.00	-2.00%	0.00	1595.97	HB45	-0.0072	0.9658	0.0000	1.053	1.081	**Left**	HB45	12.00	0.00	4.50	0.96	5.46	18.000	**OK**	0.476	0.486	2.260	2.226		1.081
	Grade		2117+60.00	HB45	1594.74	59.38	-2.00%	0.00	1595.93	0.00	-2.00%	0.00	1595.93	HB45	-0.0072	0.9726	0.0000	1.081	1.108	**Left**	HB45	12.00	0.00	4.50	1.04	5.54	18.000	**OK**	0.484	0.494	2.281	2.241		1.108
	Grade		2117+65.00	HB45	1594.71	59.37	-2.00%	0.00	1595.89	0.00	-2.00%	0.00	1595.89	HB45	-0.0072	0.9794	0.0000	1.108	1.135	**Left**	HB45	12.00	0.00	4.50	1.12	5.62	18.000	**OK**	0.491	0.503	2.301	2.256		1.135
	Grade		2117+70.00	HB45	1594.67	59.37	-2.00%	0.00	1595.86	0.00	-2.00%	0.00	1595.86	HB45	-0.0072	0.9862	0.0000	1.135	1.163	**Left**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.498	0.512	2.321	2.270		1.163
	Grade		2117+75.00	HB45	1594.63	59.36	-2.00%	0.00	1595.82	0.00	-2.00%	0.00	1595.82	HB45	-0.0072	0.9930	0.0000	1.163	1.190	**Left**	HB45	12.00	0.00	4.50	1.28	5.78	18.000	**OK**	0.505	0.521	2.341	2.284		1.190
	Grade		2117+80.00	HB45	1594.60	59.36	-2.00%	0.00	1595.79	0.00	-2.00%	0.00	1595.79	HB45	-0.0072	0.9998	0.0000	1.190	1.217	**Left**	HB45	12.00	0.00	4.50	1.35	5.85	18.000	**OK**	0.512	0.530	2.360	2.297		1.217
	Grade		2117+85.00	HB45	1594.56	59.35	-2.00%	0.00	1595.75	0.00	-2.00%	0.00	1595.75	HB45	-0.0072	1.0067	0.0000	1.217	1.245	**Left**	HB45	12.00	0.00	4.50	1.43	5.93	18.000	**OK**	0.518	0.539	2.379	2.310		1.245
	Grade		2117+90.00	HB45	1594.53	59.35	-2.00%	0.00	1595.71	0.00	-2.00%	0.00	1595.71	HB45	-0.0072	1.0135	0.0000	1.245	1.272	**Left**	HB45	12.00	0.00	4.50	1.50	6.00	18.000	**OK**	0.525	0.548	2.398	2.323		1.272

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2117+95.00	HB45	1594.49	59.34	-2.00%	0.00	1595.68	0.00	-2.00%	0.00	1595.68	HB45	-0.0072	1.0203	0.0000	1.272	1.299	**Left**	HB45	12.00	0.00	4.50	1.57	6.07	18.000	**OK**	0.532	0.556	2.416	2.335		1.299
	Grade		2118+00.00	HB45	1594.45	59.34	-2.00%	0.00	1595.64	0.00	-2.00%	0.00	1595.64	HB45	-0.0072	1.0271	0.0000	1.299	1.327	**Left**	HB45	12.00	0.00	4.50	1.65	6.15	18.000	**OK**	0.538	0.565	2.434	2.347		1.327
	Grade		2118+05.00	HB45	1594.42	59.33	-2.00%	0.00	1595.60	0.00	-2.00%	0.00	1595.60	HB45	-0.0072	1.0339	0.0000	1.327	1.354	**Left**	HB45	12.00	0.00	4.50	1.72	6.22	18.000	**OK**	0.545	0.574	2.452	2.359		1.354
	Grade		2118+10.00	HB45	1594.38	59.33	-2.00%	0.00	1595.57	0.00	-2.00%	0.00	1595.57	HB45	-0.0072	1.0407	0.0000	1.354	1.381	**Left**	HB45	12.00	0.00	4.50	1.79	6.29	18.000	**OK**	0.551	0.583	2.470	2.370		1.381
	Grade		2118+15.00	HB45	1594.35	59.32	-2.00%	0.00	1595.53	0.00	-2.00%	0.00	1595.53	HB45	-0.0072	1.0475	0.0000	1.381	1.408	**Left**	HB45	12.00	0.00	4.50	1.86	6.36	18.000	**OK**	0.557	0.592	2.487	2.381		1.408
	Grade		2118+20.00	HB45	1594.31	59.32	-2.00%	0.00	1595.50	0.00	-2.00%	0.00	1595.50	HB45	-0.0072	1.0543	0.0000	1.408	1.436	**Left**	HB45	12.00	0.00	4.50	1.93	6.43	18.000	**OK**	0.563	0.600	2.504	2.391		1.436
	Grade		2118+25.00	HB45	1594.27	59.31	-2.00%	0.00	1595.46	0.00	-2.00%	0.00	1595.46	HB45	-0.0072	1.0611	0.0000	1.436	1.463	**Left**	HB45	12.00	0.00	4.50	1.99	6.49	18.000	**OK**	0.569	0.609	2.521	2.402		1.463
	Grade		2118+30.00	HB45	1594.24	59.31	-2.00%	0.00	1595.42	0.00	-2.00%	0.00	1595.42	HB45	-0.0072	1.0680	0.0000	1.463	1.490	**Left**	HB45	12.00	0.00	4.50	2.06	6.56	18.000	**OK**	0.575	0.618	2.537	2.412		1.490
	Grade		2118+35.00	HB45	1594.20	59.30	-2.00%	0.00	1595.39	0.00	-2.00%	0.00	1595.39	HB45	-0.0072	1.0748	0.0000	1.490	1.518	**Left**	HB45	12.00	0.00	4.50	2.13	6.63	18.000	**OK**	0.581	0.627	2.554	2.422		1.518
	Grade		2118+40.00	HB45	1594.17	59.30	-2.00%	0.00	1595.35	0.00	-2.00%	0.00	1595.35	HB45	-0.0072	1.0816	0.0000	1.518	1.545	**Left**	HB45	12.00	0.00	4.50	2.19	6.69	18.000	**OK**	0.587	0.635	2.570	2.431		1.545
	Grade		2118+45.00	HB45	1594.13	59.29	-2.00%	0.00	1595.31	0.00	-2.00%	0.00	1595.31	HB45	-0.0072	1.0884	0.0000	1.545	1.572	**Left**	HB45	12.00	0.00	4.50	2.26	6.76	18.000	**OK**	0.593	0.644	2.586	2.441		1.572
	Grade		2118+50.00	HB45	1594.09	59.29	-2.00%	0.00	1595.28	0.00	-2.00%	0.00	1595.28	HB45	-0.0072	1.0952	0.0000	1.572	1.600	**Left**	HB45	12.00	0.00	4.50	2.32	6.82	18.000	**OK**	0.599	0.653	2.601	2.450		1.600
	Grade		2118+55.00	HB45	1594.06	59.28	-2.00%	0.00	1595.24	0.00	-2.00%	0.00	1595.24	HB45	-0.0072	1.1020	0.0000	1.600	1.627	**Left**	HB45	12.00	0.00	4.50	2.38	6.88	18.000	**OK**	0.605	0.662	2.617	2.459		1.627
	Grade		2118+60.00	HB45	1594.02	59.28	-2.00%	0.00	1595.21	0.00	-2.00%	0.00	1595.21	HB45	-0.0072	1.1088	0.0000	1.627	1.654	**Left**	HB45	12.00	0.00	4.50	2.45	6.95	18.000	**OK**	0.610	0.670	2.632	2.468		1.654
	Grade		2118+65.00	HB45	1593.98	59.27	-2.00%	0.00	1595.17	0.00	-2.00%	0.00	1595.17	HB45	-0.0072	1.1156	0.0000	1.654	1.681	**Left**	HB45	12.00	0.00	4.50	2.51	7.01	18.000	**OK**	0.616	0.679	2.647	2.477		1.681
	Grade	3	2118+70.00	HB45	1593.95	59.27	-2.00%	0.00	1595.13	0.00	-2.00%	0.00	1595.13	HB45	-0.0072	1.1224	0.0000	1.681	1.709	**Left**	HB45	12.00	0.00	4.50	2.57	7.07	18.000	**OK**	0.621	0.687	2.662	2.485	3	1.709
	Grade		2118+75.00	HB45	1593.91	59.26	-2.00%	0.00	1595.10	0.00	-2.00%	0.00	1595.10	HB45	-0.0072	1.1292	0.0000	0.058	0.085	**Left**	HB45	12.00	0.00	2.81	0.00	2.81	18.000	**OK**	0.079	0.079	1.076	1.076		0.085
	Grade		2118+80.00	HB45	1593.88	59.26	-2.00%	0.00	1595.06	0.00	-2.00%	0.00	1595.06	HB45	-0.0072	1.1360	0.0000	0.085	0.112	**Left**	HB45	12.00	0.00	3.12	0.00	3.12	18.000	**OK**	0.097	0.097	1.153	1.153		0.112
	Grade		2118+85.00	HB45	1593.84	59.25	-2.00%	0.00	1595.03	0.00	-2.00%	0.00	1595.03	HB45	-0.0072	1.1428	0.0000	0.112	0.140	**Left**	HB45	12.00	0.00	3.39	0.00	3.39	18.000	**OK**	0.115	0.115	1.218	1.218		0.140
	Grade		2118+90.00	HB45	1593.80	59.25	-2.00%	0.00	1594.99	0.00	-2.00%	0.00	1594.99	HB45	-0.0072	1.1496	0.0000	0.140	0.167	**Left**	HB45	12.00	0.00	3.62	0.00	3.62	18.000	**OK**	0.131	0.131	1.273	1.273		0.167
	Grade		2118+95.00	HB45	1593.77	59.24	-2.00%	0.00	1594.95	0.00	-2.00%	0.00	1594.95	HB45	-0.0072	1.1564	0.0000	0.167	0.194	**Left**	HB45	12.00	0.00	3.83	0.00	3.83	18.000	**OK**	0.147	0.147	1.322	1.322		0.194
	Grade		2119+00.00	HB45	1593.73	59.24	-2.00%	0.00	1594.92	0.00	-2.00%	0.00	1594.92	HB45	-0.0072	1.1632	0.0000	0.194	0.221	**Left**	HB45	12.00	0.00	4.02	0.00	4.02	18.000	**OK**	0.162	0.162	1.366	1.366		0.221
	Grade		2119+05.00	HB45	1593.70	59.23	-2.00%	0.00	1594.88	0.00	-2.00%	0.00	1594.88	HB45	-0.0072	1.1700	0.0000	0.221	0.249	**Left**	HB45	12.00	0.00	4.20	0.00	4.20	18.000	**OK**	0.177	0.177	1.407	1.407		0.249
	Grade		2119+10.00	HB45	1593.66	59.23	-2.00%	0.00	1594.84	0.00	-2.00%	0.00	1594.84	HB45	-0.0072	1.1768	0.0000	0.249	0.276	**Left**	HB45	12.00	0.00	4.37	0.00	4.37	18.000	**OK**	0.191	0.191	1.444	1.444		0.276
	Grade		2119+15.00	HB45	1593.62	59.22	-2.00%	0.00	1594.81	0.00	-2.00%	0.00	1594.81	HB45	-0.0072	1.1836	0.0000	0.276	0.303	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.205	0.205	1.478	1.478		0.303
	Grade		2119+20.00	HB45	1593.59	59.22	-2.00%	0.00	1594.77	0.00	-2.00%	0.00	1594.77	HB45	-0.0072	1.1904	0.0000	0.303	0.330	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.218	0.218	1.512	1.512		0.330
	Grade		2119+25.00	HB45	1593.55	59.21	-2.00%	0.00	1594.74	0.00	-2.00%	0.00	1594.74	HB45	-0.0072	1.1972	0.0000	0.330	0.358	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.231	0.231	1.546	1.546		0.358
	Grade		2119+30.00	HB45	1593.52	59.21	-2.00%	0.00	1594.70	0.00	-2.00%	0.00	1594.70	HB45	-0.0072	1.2040	0.0000	0.358	0.385	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.244	0.244	1.580	1.580		0.385
	Grade		2119+35.00	HB45	1593.48	59.20	-2.00%	0.00	1594.66	0.00	-2.00%	0.00	1594.66	HB45	-0.0072	1.2108	0.0000	0.385	0.412	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.255	0.255	1.614	1.614		0.412
	Grade		2119+40.00	HB45	1593.44	59.19	-2.00%	0.00	1594.63	0.00	-2.00%	0.00	1594.63	HB45	-0.0072	1.2176	0.0000	0.412	0.439	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.267	0.267	1.647	1.647		0.439
	Grade		2119+45.00	HB45	1593.41	59.19	-2.00%	0.00	1594.59	0.00	-2.00%	0.00	1594.59	HB45	-0.0072	1.2244	0.0000	0.439	0.467	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.278	0.278	1.679	1.679		0.467
	Grade		2119+50.00	HB45	1593.37	59.18	-2.00%	0.00	1594.56	0.00	-2.00%	0.00	1594.56	HB45	-0.0072	1.2312	0.0000	0.467	0.494	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.289	0.289	1.710	1.710		0.494
	Grade		2119+55.00	HB45	1593.34	59.18	-2.00%	0.00	1594.52	0.00	-2.00%	0.00	1594.52	HB45	-0.0072	1.2380	0.0000	0.494	0.521	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.299	0.299	1.741	1.741		0.521
	Grade		2119+60.00	HB45	1593.30	59.17	-2.00%	0.00	1594.48	0.00	-2.00%	0.00	1594.48	HB45	-0.0072	1.2447	0.0000	0.521	0.548	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.309	0.309	1.772	1.772		0.548
	Grade		2119+65.00	HB45	1593.26	59.17	-2.00%	0.00	1594.45	0.00	-2.00%	0.00	1594.45	HB45	-0.0072	1.2515	0.0000	0.548	0.576	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.319	0.319	1.801	1.801		0.576
	Grade		2119+70.00	HB45	1593.23	59.16	-2.00%	0.00	1594.41	0.00	-2.00%	0.00	1594.41	HB45	-0.0072	1.2583	0.0000	0.576	0.603	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.329	0.329	1.830	1.830		0.603
	Grade		2119+75.00	HB45	1593.19	59.16	-2.00%	0.00	1594.37	0.00	-2.00%	0.00	1594.37	HB45	-0.0072	1.2651	0.0000	0.603	0.630	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.339	0.339	1.859	1.859		0.630
	Grade		2119+80.00	HB45	1593.15	59.15	-2.00%	0.00	1594.34	0.00	-2.00%	0.00	1594.34	HB45	-0.0072	1.2719	0.0000	0.630	0.657	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.348	0.348	1.887	1.887		0.657
	Grade		2119+85.00	HB45	1593.12	59.15	-2.00%	0.00	1594.30	0.00	-2.00%	0.00	1594.30	HB45	-0.0072	1.2787	0.0000	0.657	0.684	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.358	0.358	1.914	1.914		0.684
	Grade		2119+90.00	HB45	1593.08	59.14	-2.00%	0.00	1594.27	0.00	-2.00%	0.00	1594.27	HB45	-0.0072	1.2855	0.0000	0.684	0.712	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.367	0.367	1.941	1.941		0.712
	Grade		2119+95.00	HB45	1593.05	59.14	-2.00%	0.00	1594.23	0.00	-2.00%	0.00	1594.23	HB45	-0.0072	1.2923	0.0000	0.712	0.739	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.376	0.376	1.967	1.967		0.739
	Grade		2120+00.00	HB45	1593.01	59.13	-2.00%	0.00	1594.19	0.00	-2.00%	0.00	1594.19	HB45	-0.0072	1.2991	0.0000	0.739	0.766	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.384	0.384	1.993	1.993		0.766
	Grade		2120+05.00	HB45	1592.97	59.13	-2.00%	0.00	1594.16	0.00	-2.00%	0.00	1594.16	HB45	-0.0072	1.3059	0.0000	0.766	0.793	**Left**	HB45	12.00	0.00	4.50	0.03	4.53	18.000	**OK**	0.393	0.393	2.019	2.019		0.793
	Grade		2120+10.00	HB45	1592.94	59.12	-2.00%	0.00	1594.12	0.00	-2.00%	0.00	1594.12	HB45	-0.0072	1.3126	0.0000	0.793	0.820	**Left**	HB45	12.00	0.00	4.50	0.13	4.63	18.000	**OK**	0.401	0.402	2.044	2.043		0.820
	Grade		2120+15.00	HB45	1592.90	59.12	-2.00%	0.00	1594.08	0.00	-2.00%	0.00	1594.08	HB45	-0.0072	1.3194	0.0000	0.820	0.848	**Left**	HB45	12.00	0.00	4.50	0.22	4.72	18.000	**OK**	0.410	0.410	2.068	2.066		0.848
	Grade		2120+20.00	HB45	1592.87	59.11	-2.00%	0.00	1594.05	0.00	-2.00%	0.00	1594.05	HB45	-0.0072	1.3262	0.0000	0.848	0.875	**Left**	HB45	12.00	0.00	4.50	0.31	4.81	18.000	**OK**	0.418	0.419	2.092	2.088		0.875
	Grade		2120+25.00	HB45	1592.83	59.11	-2.00%	0.00	1594.01	0.00	-2.00%	0.00	1594.01	HB45	-0.0072	1.3330	0.0000	0.875	0.902	**Left**	HB45	12.00	0.00	4.50	0.40	4.90	18.000	**OK**	0.426	0.428	2.116	2.109		0.902
	Grade		2120+30.00	HB45	1592.79	59.10	-2.00%	0.00	1593.98	0.00	-2.00%	0.00	1593.98	HB45	-0.0072	1.3398	0.0000	0.902	0.929	**Left**	HB45	12.00	0.00	4.50	0.49	4.99	18.000	**OK**	0.434	0.437	2.139	2.129		0.929
	Grade		2120+35.00	HB45	1592.76	59.10	-2.00%	0.00	1593.94	0.00	-2.00%	0.00	1593.94	HB45	-0.0072	1.3466	0.0000	0.929	0.956	**Left**	HB45	12.00	0.00	4.50	0.58	5.08	18.000	**OK**	0.442	0.445	2.162	2.148		0.956
	Grade		2120+40.00	HB45	1592.72	59.09	-2.00%	0.00	1593.90	0.00	-2.00%	0.00	1593.90	HB45	-0.0072	1.3534	0.0000	0.956	0.984	**Left**	HB45	12.00	0.00	4.50	0.66	5.16	18.000	**OK**	0.450	0.454	2.184	2.166		0.984
	Grade		2120+45.00	HB45	1592.69	59.09	-2.00%	0.00	1593.87	0.00	-2.00%	0.00	1593.87	HB45	-0.0072	1.3601	0.0000	0.984	1.011	**Left**	HB45	12.00	0.00	4.50	0.75	5.25	18.000	**OK**	0.457	0.463	2.206	2.184		1.011
	Grade		2120+50.00	HB45	1592.65	59.08	-2.00%	0.00	1593.83	0.00	-2.00%	0.00	1593.83	HB45	-0.0072	1.3669	0.0000	1.011	1.038	**Left**	HB45	12.00	0.00	4.50	0.83	5.33	18.000	**OK**	0.465	0.472	2.227	2.200		1.038
	Grade		2120+55.00	HB45	1592.61	59.08	-2.00%	0.00	1593.80	0.00	-2.00%	0.00	1593.80	HB45	-0.0072	1.3737	0.0000	1.038	1.065	**Left**	HB45	12.00	0.00	4.50	0.91	5.41	18.000	**OK**	0.472	0.481	2.248	2.217		1.065
	Grade		2120+60.00	HB45	1592.58	59.07	-2.00%	0.00	1593.76	0.00	-2.00%	0.00	1593.76	HB45	-0.0072	1.3805	0.0000	1.065	1.092	**Left**	HB45	12.00	0.00	4.50	0.99	5.49	18.000	**OK**	0.480	0.489	2.269	2.232		1.092
	Grade		2120+65.00	HB45	1592.54	59.07	-2.00%	0.00	1593.72	0.00	-2.00%	0.00	1593.72	HB45	-0.0072	1.3873	0.0000	1.092	1.120	**Left**	HB45	12.00	0.00	4.50	1.07	5.57	18.000	**OK**	0.487	0.498	2.290	2.247		1.120
	Grade		2120+70.00	HB45	1592.51	59.06	-2.00%	0.00	1593.69	0.00	-2.00%	0.00	1593.69	HB45	-0.0072	1.3940	0.0000	1.120	1.147	**Left**	HB45	12.00	0.00	4.50	1.15	5.65	18.000	**OK**	0.494	0.507	2.310	2.262		1.147
	Grade		2120+75.00	HB45	1592.47	59.06	-2.00%	0.00	1593.65	0.00	-2.00%	0.00	1593.65	HB45	-0.0072	1.4008	0.0000	1.147	1.174	**Left**	HB45	12.00	0.00	4.50	1.23	5.73	18.000	**OK**	0.501	0.516	2.329	2.276		1.174
	Grade		2120+80.00	HB45	1592.43	59.05	-2.00%	0.00	1593.61	0.00	-2.00%	0.00	1593.61	HB45	-0.0072	1.4076	0.0000	1.174	1.201	**Left**	HB45	12.00	0.00	4.50	1.31	5.81	18.000	**OK**	0.508	0.525	2.349	2.289		1.201
	Grade		2120+85.00	HB45	1592.40	59.05	-2.00%	0.00	1593.58	0.00	-2.00%	0.00	1593.58	HB45	-0.0072	1.4144	0.0000	1.201	1.228	**Left**	HB45	12.00	0.00	4.50	1.38	5.88	18.000	**OK**	0.514	0.533	2.368	2.303		1.228
	Grade		2120+90.00	HB45	1592.36	59.04	-2.00%	0.00	1593.54	0.00	-2.00%	0.00	1593.54	HB45	-0.0072	1.4212	0.0000	1.228	1.256	**Left**	HB45	12.00	0.00	4.50	1.46	5.96	18.000	**OK**	0.521	0.542	2.387	2.315		1.256
	Grade		2120+95.00	HB45	1592.32	59.04	-2.00%	0.00	1593.51	0.00	-2.00%	0.00	1593.51	HB45	-0.0072	1.4279	0.0000	1.256	1.283	**Left**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.528	0.551	2.405	2.328		1.283
	Grade		2121+00.00	HB45	1592.29	59.03	-2.00%	0.00	1593.47	0.00	-2.00%	0.00	1593.47	HB45	-0.0072	1.4347	0.0000	1.283	1.310	**Left**	HB45	12.00	0.00	4.50	1.60	6.10	18.000	**OK**	0.534	0.560	2.423	2.340		1.310
	Grade		2121+05.00	HB45	1592.25	59.03	-2.00%	0.00	1593.43	0.00	-2.00%	0.00	1593.43	HB45	-0.0072	1.4415	0.0000	1.310	1.337	**Left**	HB45	12.00	0.00	4.50	1.67	6.17	18.000	**OK**	0.541	0.569	2.441	2.351		1.337
	Grade		2121+10.00	HB45	1592.22	59.02	-2.00%	0.00	1593.40	0.00	-2.00%	0.00	1593.40	HB45	-0.0072	1.4483	0.0000	1.337	1.364	**Left**	HB45	12.00	0.00	4.50	1.74	6.24	18.000	**OK**	0.547	0.577	2.459	2.363		1.364
	Grade		2121+15.00	HB45	1592.18	59.02	-2.00%	0.00	1593.36	0.00	-2.00%	0.00	1593.36	HB45	-0.0072	1.4550	0.0000	1.364	1.391	**Left**	HB45	12.00	0.00	4.50	1.81	6.31	18.000	**OK**	0.553	0.586	2.476	2.374		1.391
	Grade		2121+20.00	HB45	1592.14	59.01	-2.00%	0.00	1593.32	0.00	-2.00%	0.00	1593.32	HB45	-0.0072	1.4618	0.0000	1.391	1.418	**Left**	HB45	12.00	0.00	4.50	1.88	6.38	18.000	**OK**	0.559	0.595	2.493	2.385		1.418
	Grade		2121+25.00	HB45	1592.11	59.01	-2.00%	0.00	1593.29	0.00	-2.00%	0.00	1593.29	HB45	-0.0072	1.4686	0.0000	1.418	1.446	**Left**	HB45	12.00	0.00	4.50	1.95	6.45	18.000	**OK**	0.566	0.604	2.510	2.395		1.446
	Grade		2121+30.00	HB45	1592.07	59.00	-2.00%	0.00	1593.25	0.00	-2.00%	0.00	1593.25	HB45	-0.0072	1.4754	0.0000	1.446	1.473	**Left**	HB45	12.00	0.00	4.50	2.02	6.52	18.000	**OK**	0.572	0.612	2.527	2.405		1.473
	Grade		2121+35.00	HB45	1592.04	59.00	-2.00%	0.00	1593.22	0.00	-2.00%	0.00	1593.22	HB45	-0.0072	1.4821	0.0000	1.473	1.500	**Left**	HB45	12.00	0.00	4.50	2.08	6.58	18.000	**OK**	0.578	0.621	2.543	2.415		1.500
	Grade		2121+40.00	HB45	1592.00	58.99	-2.00%	0.00	1593.18	0.00	-2.00%	0.00	1593.18	HB45	-0.0072	1.4889	0.0000	1.500	1.527	**Left**	HB45	12.00	0.00	4.50	2.15	6.65	18.000	**OK**	0.583	0.630	2.559	2.425		1.527
	Grade		2121+45.00	HB45	1591.96	58.99	-2.00%	0.00	1593.14	0.00	-2.00%	0.00	1593.14	HB45	-0.0072	1.4957	0.0000	1.527	1.554	**Left**	HB45	12.00	0.00	4.50	2.21	6.71	18.000	**OK**	0.589	0.638	2.575	2.435		1.554

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2121+50.00	HB45	1591.93	58.98	-2.00%	0.00	1593.11	0.00	-2.00%	0.00	1593.11	HB45	-0.0072	1.5024	0.0000	1.554	1.581	**Left**	HB45	12.00	0.00	4.50	2.28	6.78	18.000	**OK**	0.595	0.647	2.591	2.444		1.581
	Grade		2121+55.00	HB45	1591.89	58.98	-2.00%	0.00	1593.07	0.00	-2.00%	0.00	1593.07	HB45	-0.0072	1.5092	0.0000	1.581	1.609	**Left**	HB45	12.00	0.00	4.50	2.34	6.84	18.000	**OK**	0.601	0.656	2.607	2.453		1.609
	Grade		2121+60.00	HB45	1591.86	58.97	-2.00%	0.00	1593.04	0.00	-2.00%	0.00	1593.04	HB45	-0.0072	1.5160	0.0000	1.609	1.636	**Left**	HB45	12.00	0.00	4.50	2.40	6.90	18.000	**OK**	0.606	0.664	2.622	2.462		1.636
	Grade		2121+65.00	HB45	1591.82	58.97	-2.00%	0.00	1593.00	0.00	-2.00%	0.00	1593.00	HB45	-0.0072	1.5227	0.0000	1.636	1.663	**Left**	HB45	12.00	0.00	4.50	2.47	6.97	18.000	**OK**	0.612	0.673	2.637	2.471		1.663
	Grade		2121+70.00	HB45	1591.78	58.96	-2.00%	0.00	1592.96	0.00	-2.00%	0.00	1592.96	HB45	-0.0072	1.5295	0.0000	1.663	1.690	**Left**	HB45	12.00	0.00	4.50	2.53	7.03	18.000	**OK**	0.618	0.682	2.652	2.480		1.690
	Grade		2121+75.00	HB45	1591.75	58.96	-2.00%	0.00	1592.93	0.00	-2.00%	0.00	1592.93	HB45	-0.0072	1.5363	0.0000	1.690	1.717	**Left**	HB45	12.00	0.00	4.50	2.59	7.09	18.000	**OK**	0.623	0.690	2.667	2.488		1.717
	Grade		2121+80.00	HB45	1591.71	58.95	-2.00%	0.00	1592.89	0.00	-2.00%	0.00	1592.89	HB45	-0.0072	1.5430	0.0000	1.717	1.744	**Left**	HB45	12.00	0.00	4.50	2.65	7.15	18.000	**OK**	0.629	0.699	2.681	2.496		1.744
	Grade		2121+85.00	HB45	1591.68	58.95	-2.00%	0.00	1592.85	0.00	-2.00%	0.00	1592.85	HB45	-0.0072	1.5498	0.0000	1.744	1.771	**Left**	HB45	12.00	0.00	4.50	2.71	7.21	18.000	**OK**	0.634	0.707	2.696	2.504		1.771
	Grade		2121+90.00	HB45	1591.64	58.94	-2.00%	0.00	1592.82	0.00	-2.00%	0.00	1592.82	HB45	-0.0072	1.5566	0.0000	1.771	1.798	**Left**	HB45	12.00	0.00	4.50	2.77	7.27	18.000	**OK**	0.639	0.716	2.710	2.512		1.798
	Grade		2121+95.00	HB45	1591.60	58.94	-2.00%	0.00	1592.78	0.00	-2.00%	0.00	1592.78	HB45	-0.0072	1.5633	0.0000	1.798	1.826	**Left**	HB45	12.00	0.00	4.50	2.83	7.33	18.000	**OK**	0.644	0.724	2.724	2.520		1.826
	Grade		2122+00.00	HB45	1591.57	58.93	-2.00%	0.00	1592.75	0.00	-2.00%	0.00	1592.75	HB45	-0.0072	1.5701	0.0000	1.826	1.853	**Left**	HB45	12.00	0.00	4.50	2.88	7.38	18.000	**OK**	0.650	0.733	2.738	2.528		1.853
	Grade		2122+05.00	HB45	1591.53	58.93	-2.00%	0.00	1592.71	0.00	-2.00%	0.00	1592.71	HB45	-0.0072	1.5769	0.0000	1.853	1.880	**Left**	HB45	12.00	0.00	4.50	2.94	7.44	18.000	**OK**	0.655	0.741	2.751	2.535		1.880
	Grade		2122+10.00	HB45	1591.49	58.93	-2.00%	0.00	1592.67	0.00	-2.00%	0.00	1592.67	HB45	-0.0072	1.5836	0.0000	1.880	1.907	**Left**	HB45	12.00	0.00	4.50	3.00	7.50	18.000	**OK**	0.660	0.750	2.765	2.543		1.907
	Grade		2122+15.00	HB45	1591.46	58.94	-2.00%	0.00	1592.64	0.00	-2.00%	0.00	1592.64	HB45	-0.0072	1.5904	0.0000	1.907	1.934	**Left**	HB45	12.00	0.00	4.50	3.06	7.56	18.000	**OK**	0.665	0.758	2.778	2.550		1.934
	Grade		2122+20.00	HB45	1591.42	58.94	-2.00%	0.00	1592.60	0.00	-2.00%	0.00	1592.60	HB45	-0.0072	1.5972	0.0000	1.934	1.961	**Left**	HB45	12.00	0.00	4.50	3.11	7.61	18.000	**OK**	0.670	0.767	2.792	2.557		1.961
	Grade		2122+25.00	HB45	1591.39	58.94	-2.00%	0.00	1592.56	0.00	-2.00%	0.00	1592.56	HB45	-0.0072	1.6039	0.0000	1.961	1.988	**Left**	HB45	12.00	0.00	4.50	3.17	7.67	18.000	**OK**	0.675	0.775	2.805	2.564		1.988
	Grade		2122+30.00	HB45	1591.35	58.94	-2.00%	0.00	1592.53	0.00	-2.00%	0.00	1592.53	HB45	-0.0072	1.6107	0.0000	1.988	2.015	**Left**	HB45	12.00	0.00	4.50	3.22	7.72	18.000	**OK**	0.680	0.784	2.818	2.571		2.015
	Grade		2122+35.00	HB45	1591.31	58.94	-2.00%	0.00	1592.49	0.00	-2.00%	0.00	1592.49	HB45	-0.0072	1.6175	0.0000	2.015	2.043	**Left**	HB45	12.00	0.00	4.50	3.28	7.78	18.000	**OK**	0.685	0.792	2.831	2.578		2.043
	Grade		2122+40.00	HB45	1591.28	58.94	-2.00%	0.00	1592.46	0.00	-2.00%	0.00	1592.46	HB45	-0.0072	1.6242	0.0000	2.043	2.070	**Left**	HB45	12.00	0.00	4.50	3.33	7.83	18.000	**OK**	0.690	0.801	2.843	2.585		2.070
	Grade		2122+45.00	HB45	1591.24	58.94	-2.00%	0.00	1592.42	0.00	-2.00%	0.00	1592.42	HB45	-0.0072	1.6310	0.0000	2.070	2.097	**Left**	HB45	12.00	0.00	4.50	3.38	7.88	18.000	**OK**	0.695	0.809	2.856	2.592		2.097
	Grade		2122+50.00	HB45	1591.21	58.94	-2.00%	0.00	1592.38	0.00	-2.00%	0.00	1592.38	HB45	-0.0072	1.6378	0.0000	2.097	2.124	**Left**	HB45	12.00	0.00	4.50	3.44	7.94	18.000	**OK**	0.699	0.817	2.868	2.598		2.124
	Grade		2122+55.00	HB45	1591.17	58.94	-2.00%	0.00	1592.35	0.00	-2.00%	0.00	1592.35	HB45	-0.0072	1.6445	0.0000	2.124	2.151	**Left**	HB45	12.00	0.00	4.50	3.49	7.99	18.000	**OK**	0.704	0.826	2.881	2.605		2.151
	Grade		2122+60.00	HB45	1591.13	58.95	-2.00%	0.00	1592.31	0.00	-2.00%	0.00	1592.31	HB45	-0.0072	1.6513	0.0000	2.151	2.178	**Left**	HB45	12.00	0.00	4.50	3.54	8.04	18.000	**OK**	0.709	0.834	2.893	2.611		2.178
	Grade		2122+65.00	HB45	1591.10	58.95	-2.00%	0.00	1592.28	0.00	-2.00%	0.00	1592.28	HB45	-0.0072	1.6581	0.0000	2.178	2.205	**Left**	HB45	12.00	0.00	4.50	3.59	8.09	18.000	**OK**	0.713	0.842	2.905	2.618		2.205
	Grade		2122+70.00	HB45	1591.06	58.95	-2.00%	0.00	1592.24	0.00	-2.00%	0.00	1592.24	HB45	-0.0072	1.6648	0.0000	2.205	2.232	**Left**	HB45	12.00	0.00	4.50	3.64	8.14	18.000	**OK**	0.718	0.851	2.917	2.624		2.232
	Grade		2122+75.00	HB45	1591.02	58.95	-2.00%	0.00	1592.20	0.00	-2.00%	0.00	1592.20	HB45	-0.0072	1.6716	0.0000	2.232	2.260	**Left**	HB45	12.00	0.00	4.50	3.69	8.19	18.000	**OK**	0.723	0.859	2.929	2.630		2.260
	Grade		2122+80.00	HB45	1590.99	58.95	-2.00%	0.00	1592.17	0.00	-2.00%	0.00	1592.17	HB45	-0.0072	1.6784	0.0000	2.260	2.287	**Left**	HB45	12.00	0.00	4.50	3.75	8.25	18.000	**OK**	0.727	0.867	2.941	2.636		2.287
	Grade		2122+85.00	HB45	1590.95	58.95	-2.00%	0.00	1592.13	0.00	-2.00%	0.00	1592.13	HB45	-0.0072	1.6851	0.0000	2.287	2.314	**Left**	HB45	12.00	0.00	4.50	3.80	8.30	18.000	**OK**	0.732	0.876	2.952	2.642		2.314
	Grade		2122+90.00	HB45	1590.92	58.95	-2.00%	0.00	1592.09	0.00	-2.00%	0.00	1592.09	HB45	-0.0072	1.6919	0.0000	2.314	2.341	**Left**	HB45	12.00	0.00	4.50	3.85	8.35	18.000	**OK**	0.736	0.884	2.964	2.648		2.341
	Grade		2122+95.00	HB45	1590.88	58.95	-2.00%	0.00	1592.06	0.00	-2.00%	0.00	1592.06	HB45	-0.0072	1.6987	0.0000	2.341	2.368	**Left**	HB45	12.00	0.00	4.50	3.89	8.39	18.000	**OK**	0.741	0.892	2.975	2.654		2.368
	Grade		2123+00.00	HB45	1590.84	58.95	-2.00%	0.00	1592.02	0.00	-2.00%	0.00	1592.02	HB45	-0.0072	1.7054	0.0000	2.368	2.395	**Left**	HB45	12.00	0.00	4.50	3.94	8.44	18.000	**OK**	0.745	0.900	2.987	2.660		2.395
	Grade		2123+05.00	HB45	1590.81	58.96	-2.00%	0.00	1591.99	0.00	-2.00%	0.00	1591.99	HB45	-0.0072	1.7122	0.0000	2.395	2.422	**Left**	HB45	12.00	0.00	4.50	3.99	8.49	18.000	**OK**	0.749	0.909	2.998	2.666		2.422
	Grade		2123+10.00	HB45	1590.77	58.96	-2.00%	0.00	1591.95	0.00	-2.00%	0.00	1591.95	HB45	-0.0072	1.7190	0.0000	2.422	2.449	**Left**	HB45	12.00	0.00	4.50	4.04	8.54	18.000	**OK**	0.754	0.917	3.009	2.671		2.449
	Grade		2123+15.00	HB45	1590.73	58.96	-2.00%	0.00	1591.91	0.00	-2.00%	0.00	1591.91	HB45	-0.0072	1.7257	0.0000	2.449	2.477	**Left**	HB45	12.00	0.00	4.50	4.09	8.59	18.000	**OK**	0.758	0.925	3.020	2.677		2.477
	Grade		2123+20.00	HB45	1590.70	58.96	-2.00%	0.00	1591.88	0.00	-2.00%	0.00	1591.88	HB45	-0.0072	1.7325	0.0000	2.477	2.504	**Left**	HB45	12.00	0.00	4.50	4.14	8.64	18.000	**OK**	0.762	0.933	3.031	2.683		2.504
	Grade		2123+25.00	HB45	1590.66	58.96	-2.00%	0.00	1591.84	0.00	-2.00%	0.00	1591.84	HB45	-0.0072	1.7393	0.0000	2.504	2.531	**Left**	HB45	12.00	0.00	4.50	4.18	8.68	18.000	**OK**	0.767	0.942	3.042	2.688		2.531
	Grade		2123+30.00	HB45	1590.63	58.96	-2.00%	0.00	1591.81	0.00	-2.00%	0.00	1591.81	HB45	-0.0072	1.7460	0.0000	2.531	2.558	**Left**	HB45	12.00	0.00	4.50	4.23	8.73	18.000	**OK**	0.771	0.950	3.052	2.693		2.558
	Grade		2123+35.00	HB45	1590.59	58.96	-2.00%	0.00	1591.77	0.00	-2.00%	0.00	1591.77	HB45	-0.0072	1.7528	0.0000	2.558	2.585	**Left**	HB45	12.00	0.00	4.50	4.28	8.78	18.000	**OK**	0.775	0.958	3.063	2.699		2.585
	Grade		2123+40.00	HB45	1590.55	58.96	-2.00%	0.00	1591.73	0.00	-2.00%	0.00	1591.73	HB45	-0.0072	1.7596	0.0000	2.585	2.612	**Left**	HB45	12.00	0.00	4.50	4.32	8.82	18.000	**OK**	0.779	0.966	3.074	2.704		2.612
	Grade		2123+45.00	HB45	1590.52	58.96	-2.00%	0.00	1591.70	0.00	-2.00%	0.00	1591.70	HB45	-0.0072	1.7663	0.0000	2.612	2.639	**Left**	HB45	12.00	0.00	4.50	4.37	8.87	18.000	**OK**	0.783	0.974	3.084	2.709		2.639
	Grade		2123+50.00	HB45	1590.48	58.97	-2.00%	0.00	1591.66	0.00	-2.00%	0.00	1591.66	HB45	-0.0072	1.7731	0.0000	2.639	2.666	**Left**	HB45	12.00	0.00	4.50	4.41	8.91	18.000	**OK**	0.787	0.982	3.094	2.715		2.666
	Grade		2123+55.00	HB45	1590.44	58.97	-2.00%	0.00	1591.62	0.00	-2.00%	0.00	1591.62	HB45	-0.0072	1.7799	0.0000	2.666	2.694	**Left**	HB45	12.00	0.00	4.50	4.46	8.96	18.000	**OK**	0.791	0.990	3.105	2.720		2.694
	Grade		2123+60.00	HB45	1590.41	58.97	-2.00%	0.00	1591.59	0.00	-2.00%	0.00	1591.59	HB45	-0.0072	1.7866	0.0000	2.694	2.721	**Left**	HB45	12.00	0.00	4.50	4.50	9.00	18.000	**OK**	0.795	0.998	3.115	2.725		2.721
	Grade		2123+65.00	HB45	1590.37	58.97	-2.00%	0.00	1591.55	0.00	-2.00%	0.00	1591.55	HB45	-0.0072	1.7934	0.0000	2.721	2.748	**Left**	HB45	12.00	0.00	4.50	4.55	9.05	18.000	**OK**	0.800	1.007	3.125	2.730		2.748
	Grade		2123+70.00	HB45	1590.34	58.97	-2.00%	0.00	1591.52	0.00	-2.00%	0.00	1591.52	HB45	-0.0072	1.8002	0.0000	2.748	2.775	**Left**	HB45	12.00	0.00	4.50	4.59	9.09	18.000	**OK**	0.804	1.015	3.135	2.735		2.775
	Grade		2123+75.00	HB45	1590.30	58.97	-2.00%	0.00	1591.48	0.00	-2.00%	0.00	1591.48	HB45	-0.0072	1.8069	0.0000	2.775	2.802	**Left**	HB45	12.00	0.00	4.50	4.64	9.14	18.000	**OK**	0.807	1.023	3.145	2.740		2.802
	Grade		2123+80.00	HB45	1590.26	58.97	-2.00%	0.00	1591.44	0.00	-2.00%	0.00	1591.44	HB45	-0.0072	1.8137	0.0000	2.802	2.829	**Left**	HB45	12.00	0.00	4.50	4.68	9.18	18.000	**OK**	0.811	1.031	3.155	2.745		2.829
	Grade		2123+85.00	HB45	1590.23	58.97	-2.00%	0.00	1591.41	0.00	-2.00%	0.00	1591.41	HB45	-0.0072	1.8205	0.0000	2.829	2.856	**Left**	HB45	12.00	0.00	4.50	4.73	9.23	18.000	**OK**	0.815	1.039	3.165	2.750		2.856
	Grade		2123+90.00	HB45	1590.19	58.97	-2.00%	0.00	1591.37	0.00	-2.00%	0.00	1591.37	HB45	-0.0072	1.8273	0.0000	2.856	2.884	**Left**	HB45	12.00	0.00	4.50	4.77	9.27	18.000	**OK**	0.819	1.047	3.175	2.755		2.884
	Grade		2123+95.00	HB45	1590.16	58.97	-2.00%	0.00	1591.33	0.00	-2.00%	0.00	1591.33	HB45	-0.0072	1.8340	0.0000	2.884	2.911	**Left**	HB45	12.00	0.00	4.50	4.81	9.31	18.000	**OK**	0.823	1.055	3.184	2.760		2.911
	Grade	3	2124+00.00	HB45	1590.12	58.98	-2.00%	0.00	1591.30	0.00	-2.00%	0.00	1591.30	HB45	-0.0072	1.8408	0.0000	2.911	2.938	**Left**	HB45	12.00	0.00	4.50	4.86	9.36	18.000	**OK**	0.827	1.063	3.194	2.764	3	2.938
	Grade		2124+05.00	HB45	1590.08	58.98	-2.00%	0.00	1591.26	0.00	-2.00%	0.00	1591.26	HB45	-0.0072	1.8476	0.0000	0.310	0.337	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.221	0.221	1.520	1.520		0.337
	Grade		2124+10.00	HB45	1590.05	58.98	-2.00%	0.00	1591.23	0.00	-2.00%	0.00	1591.23	HB45	-0.0072	1.8543	0.0000	0.337	0.364	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.234	0.234	1.554	1.554		0.364
	Grade		2124+15.00	HB45	1590.02	58.98	-2.00%	0.00	1591.19	0.00	-2.00%	0.00	1591.19	HB45	-0.0063	1.8611	0.0000	0.364	0.391	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	1.510	1.510		0.391
	Grade		2124+20.00	HB45	1589.98	58.98	-2.00%	0.00	1591.16	0.00	-2.00%	0.00	1591.16	HB45	-0.0072	1.8679	0.0000	0.391	0.418	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.258	0.258	1.618	1.618		0.418
	Grade		2124+25.00	HB45	1589.94	58.98	-2.00%	0.00	1591.12	0.00	-2.00%	0.00	1591.12	HB45	-0.0071	1.8746	0.0000	0.418	0.445	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.271	0.271	1.645	1.645		0.445
	Grade		2124+30.00	HB45	1589.91	58.98	-2.00%	0.00	1591.09	0.00	-2.00%	0.00	1591.09	HB45	-0.0070	1.8814	0.0000	0.445	0.472	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.283	0.283	1.671	1.671		0.472
	Grade		2124+35.00	HB45	1589.87	58.98	-2.00%	0.00	1591.05	0.00	-2.00%	0.00	1591.05	HB45	-0.0070	1.8882	0.0000	0.472	0.500	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.295	0.295	1.696	1.696		0.500
	Grade		2124+40.00	HB45	1589.84	58.98	-2.00%	0.00	1591.02	0.00	-2.00%	0.00	1591.02	HB45	-0.0069	1.8950	0.0000	0.500	0.527	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.306	0.306	1.720	1.720		0.527
	Grade		2124+45.00	HB45	1589.80	58.99	-2.00%	0.00	1590.98	0.00	-2.00%	0.00	1590.98	HB45	-0.0068	1.9017	0.0000	0.527	0.554	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.318	0.318	1.743	1.743		0.554
	Grade		2124+50.00	HB45	1589.77	58.99	-2.00%	0.00	1590.95	0.00	-2.00%	0.00	1590.95	HB45	-0.0067	1.9085	0.0000	0.554	0.581	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.329	0.329	1.766	1.766		0.581
	Grade		2124+55.00	HB45	1589.74	58.99	-2.00%	0.00	1590.92	0.00	-2.00%	0.00	1590.92	HB45	-0.0067	1.9153	0.0000	0.581	0.608	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.340	0.340	1.787	1.787		0.608
	Grade		2124+60.00	HB45	1589.70	58.99	-2.00%	0.00	1590.88	0.00	-2.00%	0.00	1590.88	HB45	-0.0066	1.9220	0.0000	0.608	0.635	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.351	0.351	1.808	1.808		0.635
	Grade		2124+65.00	HB45	1589.67	58.99	-2.00%	0.00	1590.85	0.00	-2.00%	0.00	1590.85	HB45	-0.0065	1.9288	0.0000	0.635	0.662	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.362	0.362	1.829	1.829		0.662
	Grade		2124+70.00	HB45	1589.64	58.99	-2.00%	0.00	1590.82	0.00	-2.00%	0.00	1590.82	HB45	-0.0064	1.9356	0.0000	0.662	0.690	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	1.848	1.848		0.690
	Grade		2124+75.00	HB45	1589.61	58.99	-2.00%	0.00	1590.79	0.00	-2.00%	0.00	1590.79	HB45	-0.0064	1.9423	0.0000	0.690	0.717	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.384	0.384	1.867	1.867		0.717
	Grade		2124+80.00	HB45	1589.58	58.99	-2.00%	0.00	1590.76	0.00	-2.00%	0.00	1590.76	HB45	-0.0063	1.9491	0.0000	0.717	0.744	**Left**	HB45	12.00	0.00	4.50	0.05	4.55	18.000	**OK**	0.395	0.395	1.885	1.885		0.744
	Grade		2124+85.00	HB45	1589.55	58.99	-2.00%	0.00	1590.73	0.00	-2.00%	0.00	1590.73	HB45	-0.0062	1.9559	0.0000	0.744	0.771	**Left**	HB45	12.00	0.00	4.50	0.17	4.67	18.000	**OK**	0.405	0.406	1.902	1.901		0.771
	Grade		2124+90.00	HB45	1589.52	59.00	-2.00%	0.00	1590.70	0.00	-2.00%	0.00	1590.70	HB45	-0.0061	1.9627	0.0000	0.771	0.798	**Left**	HB45	12.00	0.00	4.50	0.29	4.79	18.000	**OK**	0.416	0.417	1.919	1.916		0.798
	Grade		2124+95.00	HB45	1589.48	59.00	-2.00%	0.00	1590.66	0.00	-2.00%	0.00	1590.66	HB45	-0.0061	1.9694	0.0000	0.798	0.825	**Left**	HB45	12.00	0.00	4.50	0.40	4.90	18.000	**OK**	0.426	0.428	1.935	1.928		0.825
	Grade		2125+00.00	HB45	1589.45	59.00	-2.00%	0.00	1590.63	0.00	-2.00%	0.00	1590.63	HB45	-0.0060	1.9762	0.0000	0.825	0.852	**Left**	HB45	12.00	0.00	4.50	0.52	5.02	18.000	**OK**	0.437	0.439	1.950	1.940		0.852

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2125+05.00	HB45	1589.43	59.00	-2.00%	0.00	1590.61	0.00	-2.00%	0.00	1590.61	HB45	-0.0059	1.9830	0.0000	0.852	0.880	**Left**	HB45	12.00	0.00	4.50	0.63	5.13	18.000	**OK**	0.447	0.451	1.965	1.950		0.880
	Grade		2125+10.00	HB45	1589.40	59.00	-2.00%	0.00	1590.58	0.00	-2.00%	0.00	1590.58	HB45	-0.0058	1.9898	0.0000	0.880	0.907	**Left**	HB45	12.00	0.00	4.50	0.75	5.25	18.000	**OK**	0.457	0.463	1.978	1.958		0.907
	Grade		2125+15.00	HB45	1589.37	59.00	-2.00%	0.00	1590.55	0.00	-2.00%	0.00	1590.55	HB45	-0.0057	1.9965	0.0000	0.907	0.934	**Left**	HB45	12.00	0.00	4.50	0.86	5.36	18.000	**OK**	0.468	0.475	1.992	1.966		0.934
	Grade		2125+20.00	HB45	1589.34	59.00	-2.00%	0.00	1590.52	0.00	-2.00%	0.00	1590.52	HB45	-0.0057	2.0033	0.0000	0.934	0.961	**Left**	HB45	12.00	0.00	4.50	0.97	5.47	18.000	**OK**	0.478	0.487	2.004	1.972		0.961
	Grade		2125+25.00	HB45	1589.31	59.00	-2.00%	0.00	1590.49	0.00	-2.00%	0.00	1590.49	HB45	-0.0056	2.0101	0.0000	0.961	0.988	**Left**	HB45	12.00	0.00	4.50	1.09	5.59	18.000	**OK**	0.488	0.500	2.016	1.978		0.988
	Grade		2125+30.00	HB45	1589.28	59.00	-2.00%	0.00	1590.46	0.00	-2.00%	0.00	1590.46	HB45	-0.0055	2.0168	0.0000	0.988	1.015	**Left**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.498	0.512	2.027	1.982		1.015
	Grade		2125+35.00	HB45	1589.26	59.01	-2.00%	0.00	1590.44	0.00	-2.00%	0.00	1590.44	HB45	-0.0054	2.0236	0.0000	1.015	1.042	**Left**	HB45	12.00	0.00	4.50	1.31	5.81	18.000	**OK**	0.508	0.525	2.037	1.985		1.042
	Grade		2125+40.00	HB45	1589.23	59.01	-2.00%	0.00	1590.41	0.00	-2.00%	0.00	1590.41	HB45	-0.0054	2.0304	0.0000	1.042	1.070	**Left**	HB45	12.00	0.00	4.50	1.42	5.92	18.000	**OK**	0.518	0.538	2.047	1.988		1.070
	Grade		2125+45.00	HB45	1589.20	59.01	-2.00%	0.00	1590.38	0.00	-2.00%	0.00	1590.38	HB45	-0.0053	2.0372	0.0000	1.070	1.097	**Left**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.528	0.551	2.056	1.990		1.097
	Grade		2125+50.00	HB45	1589.18	59.01	-2.00%	0.00	1590.36	0.00	-2.00%	0.00	1590.36	HB45	-0.0052	2.0439	0.0000	1.097	1.124	**Left**	HB45	12.00	0.00	4.50	1.64	6.14	18.000	**OK**	0.538	0.565	2.064	1.991		1.124
	Grade		2125+55.00	HB45	1589.15	59.01	-2.00%	0.00	1590.33	0.00	-2.00%	0.00	1590.33	HB45	-0.0051	2.0507	0.0000	1.124	1.151	**Left**	HB45	12.00	0.00	4.50	1.75	6.25	18.000	**OK**	0.548	0.578	2.072	1.991		1.151
	Grade		2125+60.00	HB45	1589.13	59.01	-2.00%	0.00	1590.31	0.00	-2.00%	0.00	1590.31	HB45	-0.0051	2.0575	0.0000	1.151	1.178	**Left**	HB45	12.00	0.00	4.50	1.86	6.36	18.000	**OK**	0.557	0.592	2.080	1.990		1.178
	Grade		2125+65.00	HB45	1589.10	59.01	-2.00%	0.00	1590.28	0.00	-2.00%	0.00	1590.28	HB45	-0.0050	2.0643	0.0000	1.178	1.205	**Left**	HB45	12.00	0.00	4.50	1.97	6.47	18.000	**OK**	0.567	0.606	2.086	1.989		1.205
	Grade		2125+70.00	HB45	1589.08	59.01	-2.00%	0.00	1590.26	0.00	-2.00%	0.00	1590.26	HB45	-0.0049	2.0710	0.0000	1.205	1.233	**Left**	HB45	12.00	0.00	4.50	2.08	6.58	18.000	**OK**	0.577	0.620	2.092	1.988		1.233
	Grade		2125+75.00	HB45	1589.05	59.01	-2.00%	0.00	1590.23	0.00	-2.00%	0.00	1590.23	HB45	-0.0048	2.0778	0.0000	1.233	1.260	**Left**	HB45	12.00	0.00	4.50	2.19	6.69	18.000	**OK**	0.587	0.635	2.098	1.985		1.260
	Grade		2125+80.00	HB45	1589.03	59.02	-2.00%	0.00	1590.21	0.00	-2.00%	0.00	1590.21	HB45	-0.0048	2.0846	0.0000	1.260	1.287	**Left**	HB45	12.00	0.00	4.50	2.29	6.79	18.000	**OK**	0.597	0.649	2.103	1.982		1.287
	Grade		2125+85.00	HB45	1589.01	59.02	-2.00%	0.00	1590.19	0.00	-2.00%	0.00	1590.19	HB45	-0.0047	2.0914	0.0000	1.287	1.314	**Left**	HB45	12.00	0.00	4.50	2.40	6.90	18.000	**OK**	0.606	0.664	2.107	1.979		1.314
	Grade		2125+90.00	HB45	1588.98	59.02	-2.00%	0.00	1590.16	0.00	-2.00%	0.00	1590.16	HB45	-0.0046	2.0981	0.0000	1.314	1.341	**Left**	HB45	12.00	0.00	4.50	2.51	7.01	18.000	**OK**	0.616	0.679	2.111	1.975		1.341
	Grade		2125+95.00	HB45	1588.96	59.02	-2.00%	0.00	1590.14	0.00	-2.00%	0.00	1590.14	HB45	-0.0045	2.1049	0.0000	1.341	1.368	**Left**	HB45	12.00	0.00	4.50	2.62	7.12	18.000	**OK**	0.626	0.695	2.114	1.970		1.368
	Grade		2126+00.00	HB45	1588.94	59.02	-2.00%	0.00	1590.12	0.00	-2.00%	0.00	1590.12	HB45	-0.0044	2.1117	0.0000	1.368	1.395	**Left**	HB45	12.00	0.00	4.50	2.73	7.23	18.000	**OK**	0.636	0.710	2.116	1.965		1.395
	Grade		2126+05.00	HB45	1588.92	59.02	-2.00%	0.00	1590.10	0.00	-2.00%	0.00	1590.10	HB45	-0.0044	2.1184	0.0000	1.395	1.423	**Left**	HB45	12.00	0.00	4.50	2.84	7.34	18.000	**OK**	0.646	0.726	2.119	1.959		1.423
	Grade		2126+10.00	HB45	1588.89	59.02	-2.00%	0.00	1590.07	0.00	-2.00%	0.00	1590.07	HB45	-0.0043	2.1252	0.0000	1.423	1.450	**Left**	HB45	12.00	0.00	4.50	2.95	7.45	18.000	**OK**	0.655	0.742	2.120	1.953		1.450
	Grade		2126+15.00	HB45	1588.87	59.02	-2.00%	0.00	1590.05	0.00	-2.00%	0.00	1590.05	HB45	-0.0042	2.1320	0.0000	1.450	1.477	**Left**	HB45	12.00	0.00	4.50	3.06	7.56	18.000	**OK**	0.665	0.759	2.121	1.947		1.477
	Grade		2126+20.00	HB45	1588.85	59.02	-2.00%	0.00	1590.03	0.00	-2.00%	0.00	1590.03	HB45	-0.0041	2.1388	0.0000	1.477	1.504	**Left**	HB45	12.00	0.00	4.50	3.17	7.67	18.000	**OK**	0.675	0.775	2.122	1.940		1.504
	Grade		2126+25.00	HB45	1588.83	59.03	-2.00%	0.00	1590.01	0.00	-2.00%	0.00	1590.01	HB45	-0.0041	2.1455	0.0000	1.504	1.531	**Left**	HB45	12.00	0.00	4.50	3.28	7.78	18.000	**OK**	0.685	0.793	2.121	1.932		1.531
	Grade		2126+30.00	HB45	1588.81	59.03	-2.00%	0.00	1589.99	0.00	-2.00%	0.00	1589.99	HB45	-0.0040	2.1523	0.0000	1.531	1.558	**Left**	HB45	12.00	0.00	4.50	3.39	7.89	18.000	**OK**	0.695	0.810	2.121	1.924		1.558
	Grade		2126+35.00	HB45	1588.79	59.03	-2.00%	0.00	1589.97	0.00	-2.00%	0.00	1589.97	HB45	-0.0039	2.1591	0.0000	1.558	1.586	**Left**	HB45	12.00	0.00	4.50	3.50	8.00	18.000	**OK**	0.705	0.828	2.120	1.916		1.586
	Grade		2126+40.00	HB45	1588.77	59.03	-2.00%	0.00	1589.95	0.00	-2.00%	0.00	1589.95	HB45	-0.0038	2.1659	0.0000	1.586	1.613	**Left**	HB45	12.00	0.00	4.50	3.61	8.11	18.000	**OK**	0.715	0.846	2.118	1.907		1.613
	Grade		2126+45.00	HB45	1588.75	59.03	-2.00%	0.00	1589.93	0.00	-2.00%	0.00	1589.93	HB45	-0.0038	2.1726	0.0000	1.613	1.640	**Left**	HB45	12.00	0.00	4.50	3.73	8.23	18.000	**OK**	0.725	0.864	2.116	1.898		1.640
	Grade		2126+50.00	HB45	1588.74	59.03	-2.00%	0.00	1589.92	0.00	-2.00%	0.00	1589.92	HB45	-0.0037	2.1794	0.0000	1.640	1.667	**Left**	HB45	12.00	0.00	4.50	3.84	8.34	18.000	**OK**	0.736	0.883	2.113	1.888		1.667
	Grade		2126+55.00	HB45	1588.72	59.03	-2.00%	0.00	1589.90	0.00	-2.00%	0.00	1589.90	HB45	-0.0036	2.1862	0.0000	1.667	1.694	**Left**	HB45	12.00	0.00	4.50	3.95	8.45	18.000	**OK**	0.746	0.902	2.109	1.878		1.694
	Grade		2126+60.00	HB45	1588.70	59.03	-2.00%	0.00	1589.88	0.00	-2.00%	0.00	1589.88	HB45	-0.0035	2.1930	0.0000	1.694	1.721	**Left**	HB45	12.00	0.00	4.50	4.07	8.57	18.000	**OK**	0.756	0.922	2.105	1.867		1.721
	Grade		2126+65.00	HB45	1588.68	59.03	-2.00%	0.00	1589.86	0.00	-2.00%	0.00	1589.86	HB45	-0.0035	2.1998	0.0000	1.721	1.749	**Left**	HB45	12.00	0.00	4.50	4.19	8.69	18.000	**OK**	0.767	0.942	2.101	1.856		1.749
	Grade		2126+70.00	HB45	1588.67	59.04	-2.00%	0.00	1589.85	0.00	-2.00%	0.00	1589.85	HB45	-0.0034	2.2065	0.0000	1.749	1.776	**Left**	HB45	12.00	0.00	4.50	4.30	8.80	18.000	**OK**	0.777	0.962	2.096	1.845		1.776
	Grade		2126+75.00	HB45	1588.65	59.04	-2.00%	0.00	1589.83	0.00	-2.00%	0.00	1589.83	HB45	-0.0033	2.2133	0.0000	1.776	1.803	**Left**	HB45	12.00	0.00	4.50	4.42	8.92	18.000	**OK**	0.788	0.983	2.090	1.833		1.803
	Grade		2126+80.00	HB45	1588.63	59.04	-2.00%	0.00	1589.81	0.00	-2.00%	0.00	1589.81	HB45	-0.0032	2.2201	0.0000	1.803	1.830	**Left**	HB45	12.00	0.00	4.50	4.54	9.04	18.000	**OK**	0.799	1.005	2.084	1.821		1.830
	Grade		2126+85.00	HB45	1588.62	59.04	-2.00%	0.00	1589.80	0.00	-2.00%	0.00	1589.80	HB45	-0.0031	2.2269	0.0000	1.830	1.857	**Left**	HB45	12.00	0.00	4.50	4.66	9.16	18.000	**OK**	0.810	1.027	2.077	1.808		1.857
	Grade		2126+90.00	HB45	1588.60	59.04	-2.00%	0.00	1589.78	0.00	-2.00%	0.00	1589.78	HB45	-0.0031	2.2336	0.0000	1.857	1.884	**Left**	HB45	12.00	0.00	4.50	4.79	9.29	18.000	**OK**	0.821	1.050	2.070	1.795		1.884
	Grade		2126+95.00	HB45	1588.59	59.04	-2.00%	0.00	1589.77	0.00	-2.00%	0.00	1589.77	HB45	-0.0030	2.2404	0.0000	1.884	1.912	**Left**	HB45	12.00	0.00	4.50	4.91	9.41	18.000	**OK**	0.832	1.073	2.062	1.782		1.912
	Grade		2127+00.00	HB45	1588.57	59.04	-2.00%	0.00	1589.75	0.00	-2.00%	0.00	1589.75	HB45	-0.0029	2.2472	0.0000	1.912	1.939	**Left**	HB45	12.00	0.00	4.50	5.04	9.54	18.000	**OK**	0.843	1.097	2.053	1.767		1.939
	Grade		2127+05.00	HB45	1588.56	59.04	-2.00%	0.00	1589.74	0.00	-2.00%	0.00	1589.74	HB45	-0.0028	2.2540	0.0000	1.939	1.966	**Left**	HB45	12.00	0.00	4.50	5.16	9.66	18.000	**OK**	0.855	1.122	2.044	1.753		1.966
	Grade		2127+10.00	HB45	1588.54	59.04	-2.00%	0.00	1589.73	0.00	-2.00%	0.00	1589.73	HB45	-0.0028	2.2607	0.0000	1.966	1.993	**Left**	HB45	12.00	0.00	4.50	5.29	9.79	18.000	**OK**	0.867	1.147	2.034	1.738		1.993
	Grade		2127+15.00	HB45	1588.53	59.05	-2.00%	0.00	1589.71	0.00	-2.00%	0.00	1589.71	HB45	-0.0027	2.2675	0.0000	1.993	2.020	**Left**	HB45	12.00	0.00	4.50	5.43	9.93	18.000	**OK**	0.878	1.173	2.023	1.722		2.020
	Grade		2127+20.00	HB45	1588.52	59.05	-2.00%	0.00	1589.70	0.00	-2.00%	0.00	1589.70	HB45	-0.0026	2.2743	0.0000	2.020	2.047	**Left**	HB45	12.00	0.00	4.50	5.56	10.06	18.000	**OK**	0.891	1.200	2.012	1.707		2.047
	Grade		2127+25.00	HB45	1588.51	59.05	-2.00%	0.00	1589.69	0.00	-2.00%	0.00	1589.69	HB45	-0.0025	2.2811	0.0000	2.047	2.075	**Left**	HB45	12.00	0.00	4.50	5.70	10.20	18.000	**OK**	0.903	1.228	2.000	1.690		2.075
	Grade		2127+30.00	HB45	1588.49	59.05	-2.00%	0.00	1589.67	0.00	-2.00%	0.00	1589.67	HB45	-0.0025	2.2879	0.0000	2.075	2.102	**Left**	HB45	12.00	0.00	4.50	5.84	10.34	18.000	**OK**	0.915	1.256	1.987	1.673		2.102
	Grade		2127+35.00	HB45	1588.48	59.05	-2.00%	0.00	1589.66	0.00	-2.00%	0.00	1589.66	HB45	-0.0024	2.2946	0.0000	2.102	2.129	**Left**	HB45	12.00	0.00	4.50	5.98	10.48	18.000	**OK**	0.928	1.286	1.974	1.655		2.129
	Grade		2127+40.00	HB45	1588.47	59.05	-2.00%	0.00	1589.65	0.00	-2.00%	0.00	1589.65	HB45	-0.0023	2.3014	0.0000	2.129	2.156	**Left**	HB45	12.00	0.00	4.50	6.13	10.63	18.000	**OK**	0.941	1.317	1.960	1.637		2.156
	Grade		2127+45.00	HB45	1588.46	59.05	-2.00%	0.00	1589.64	0.00	-2.00%	0.00	1589.64	HB45	-0.0022	2.3082	0.0000	2.156	2.183	**Left**	HB45	12.00	0.00	4.50	6.28	10.78	18.000	**OK**	0.955	1.349	1.945	1.619		2.183
	Grade		2127+50.00	HB45	1588.45	59.05	-2.00%	0.00	1589.63	0.00	-2.00%	0.00	1589.63	HB45	-0.0022	2.3150	0.0000	2.183	2.210	**Left**	HB45	12.00	0.00	4.50	6.43	10.93	18.000	**OK**	0.969	1.382	1.929	1.599		2.210
	Grade		2127+55.00	HB45	1588.44	59.05	-2.00%	0.00	1589.62	0.00	-2.00%	0.00	1589.62	HB45	-0.0021	2.3217	0.0000	2.210	2.238	**Left**	HB45	12.00	0.00	4.50	6.59	11.09	18.000	**OK**	0.983	1.417	1.912	1.580		2.238
	Grade		2127+60.00	HB45	1588.43	59.06	-2.00%	0.00	1589.61	0.00	-2.00%	0.00	1589.61	HB45	-0.0020	2.3285	0.0000	2.238	2.265	**Left**	HB45	12.00	0.00	4.50	6.75	11.25	18.000	**OK**	0.997	1.453	1.895	1.559		2.265
	Grade		2127+65.00	HB45	1588.42	59.06	-2.00%	0.00	1589.60	0.00	-2.00%	0.00	1589.60	HB45	-0.0019	2.3353	0.0000	2.265	2.292	**Left**	HB45	12.00	0.00	4.50	6.91	11.41	18.000	**OK**	1.012	1.491	1.876	1.538		2.292
	Grade		2127+70.00	HB45	1588.41	59.06	-2.00%	0.00	1589.59	0.00	-2.00%	0.00	1589.59	HB45	-0.0018	2.3421	0.0000	2.292	2.319	**Left**	HB45	12.00	0.00	4.50	7.09	11.59	18.000	**OK**	1.028	1.530	1.857	1.516		2.319
	Grade		2127+75.00	HB45	1588.40	59.06	-2.00%	0.00	1589.58	0.00	-2.00%	0.00	1589.58	HB45	-0.0018	2.3489	0.0000	2.319	2.346	**Left**	HB45	12.00	0.00	4.50	7.26	11.76	18.000	**OK**	1.044	1.572	1.836	1.493		2.346
	Grade	3	2127+80.00	HB45	1588.39	59.06	-2.00%	0.00	1589.57	0.00	-2.00%	0.00	1589.57	HB45	-0.0017	2.3556	0.0000	2.346	2.374	**Left**	HB45	12.00	0.00	4.50	7.45	11.95	18.000	**OK**	1.060	1.615	1.815	1.469	3	2.374
	Grade		2127+85.00	HB45	1588.38	59.06	-2.00%	0.00	1589.56	0.00	-2.00%	0.00	1589.56	HB45	-0.0016	2.3624	0.0000	0.508	0.535	**Left**	HB45	12.00	0.00	4.50	1.11	5.61	18.000	**OK**	0.490	0.502	1.086	1.065		0.535
	Grade		2127+90.00	HB45	1588.38	59.06	-2.00%	0.00	1589.56	0.00	-2.00%	0.00	1589.56	HB45	-0.0015	2.3692	0.0000	0.535	0.562	**Left**	HB45	12.00	0.00	4.50	1.36	5.86	18.000	**OK**	0.512	0.530	1.089	1.060		0.562
	Grade		2127+95.00	HB45	1588.37	59.06	-2.00%	0.00	1589.55	0.00	-2.00%	0.00	1589.55	HB45	-0.0015	2.3760	0.0000	0.562	0.589	**Left**	HB45	12.00	0.00	4.50	1.60	6.10	18.000	**OK**	0.534	0.560	1.090	1.052		0.589
	Grade		2128+00.00	HB45	1588.36	59.06	-2.00%	0.00	1589.54	0.00	-2.00%	0.00	1589.54	HB45	-0.0014	2.3828	0.0000	0.589	0.617	**Left**	HB45	12.00	0.00	4.50	1.86	6.36	18.000	**OK**	0.557	0.592	1.089	1.042		0.617
	Grade		2128+05.00	HB45	1588.35	59.07	-2.00%	0.00	1589.54	0.00	-2.00%	0.00	1589.54	HB45	-0.0013	2.3895	0.0000	0.617	0.644	**Left**	HB45	12.00	0.00	4.50	2.12	6.62	18.000	**OK**	0.580	0.625	1.085	1.030		0.644
	Grade		2128+10.00	HB45	1588.35	59.07	-2.00%	0.00	1589.53	0.00	-2.00%	0.00	1589.53	HB45	-0.0012	2.3963	0.0000	0.644	0.671	**Left**	HB45	12.00	0.00	4.50	2.38	6.88	18.000	**OK**	0.604	0.661	1.080	1.015		0.671
	Grade		2128+15.00	HB45	1588.34	59.07	-2.00%	0.00	1589.52	0.00	-2.00%	0.00	1589.52	HB45	-0.0012	2.4031	0.0000	0.671	0.698	**Left**	HB45	12.00	0.00	4.50	2.65	7.15	18.000	**OK**	0.629	0.699	1.072	0.998		0.698
	Grade		2128+20.00	HB45	1588.34	59.07	-2.00%	0.00	1589.52	0.00	-2.00%	0.00	1589.52	HB45	-0.0011	2.4099	0.0000	0.698	0.725	**Left**	HB45	12.00	0.00	4.50	2.94	7.44	18.000	**OK**	0.654	0.741	1.063	0.979		0.725
	Grade		2128+25.00	HB45	1588.33	59.07	-2.00%	0.00	1589.51	0.00	-2.00%	0.00	1589.51	HB45	-0.0010	2.4167	0.0000	0.725	0.752	**Left**	HB45	12.00	0.00	4.50	3.23	7.73	18.000	**OK**	0.681	0.785	1.050	0.958		0.752
	Grade		2128+30.00	HB45	1588.33	59.07	-2.00%	0.00	1589.51	0.00	-2.00%	0.00	1589.51	HB45	-0.0009	2.4234	0.0000	0.752	0.780	**Left**	HB45	12.00	0.00	4.50	3.54	8.04	18.000	**OK**	0.709	0.834	1.036	0.935		0.780
	Grade		2128+35.00	HB45	1588.32	59.07	-2.00%	0.00	1589.50	0.00	-2.00%	0.00	1589.50	HB45	-0.0009	2.4302	0.0000	0.780	0.807	**Left**	HB45	12.00	0.00	4.50	3.87	8.37	18.000	**OK**	0.738	0.888	1.018	0.909		0.807
	Grade		2128+40.00	HB45	1588.32	59.07	-2.00%	0.00	1589.50	0.00	-2.00%	0.00	1589.50	HB45	-0.0008	2.4370	0.0000	0.807	0.834	**Left**	HB45	12.00	0.00	4.50	4.22	8.72	18.000	**OK**	0.769	0.947	0.997	0.880		0.834
	Grade		2128+45.00	HB45	1588.32	59.07	-2.00%	0.00	1589.50	0.00	-2.00%	0.00	1589.50	HB45	-0.0007	2.4438	0.0000	0.834	0.861	**Left**	HB45	12.00	0.00	4.50	4.59	9.09	18.000	**OK**	0.803	1.014	0.973	0.849		0.861
	Grade		2128+50.00	HB45	1588.31	59.08	-2.00%	0.00	1589.49	0.00	-2.00%	0.00	1589.49	HB45	-0.0006	2.4506	0.0000	0.861	0.888	**Left**	HB45	12.00	0.00	4.50	5.00	9.50	18.000	**OK**	0.840	1.090	0.945	0.815		0.888
	Grade		2128+55.00	HB45	1588.31	59.08	-2.00%	0.00	1589.49	0.00	-2.00%	0.00	1589.49	HB45	-0.0005	2.4573	0.0000	0.888	0.916	**Left**	HB45	12.00	0.00	4.50	5.46	9.96	18.000	**OK**	0.881	1.179	0.913	0.777		0.916

Alignment:	Grade or Sag	Sta Incr(ft): >> / CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2128+60.00	HB45	1588.31	59.08	-2.00%	0.00	1589.49	0.00	-2.00%	0.00	1589.49	HB45	-0.0005	2.4641	0.0000	0.916	0.943	**Left**	HB45	12.00	0.00	4.50	5.97	10.47	18.000	**OK**	0.928	1.284	0.875	0.734		0.943
	Grade		2128+65.00	HB45	1588.31	59.08	-2.00%	0.00	1589.49	0.00	-2.00%	0.00	1589.49	HB45	-0.0004	2.4709	0.0000	0.943	0.970	**Left**	HB45	12.00	0.00	4.50	6.57	11.07	18.000	**OK**	0.982	1.413	0.830	0.686		0.970
	Grade		2128+70.00	HB45	1588.30	59.08	-2.00%	0.00	1589.49	0.00	-2.00%	0.00	1589.49	HB45	-0.0003	2.4777	0.0000	0.970	0.997	**Left**	HB45	12.00	0.00	4.50	7.30	11.80	18.000	**OK**	1.047	1.580	0.777	0.631		0.997
	Grade		2128+75.00	HB45	1588.30	59.08	-2.00%	0.00	1589.48	0.00	-2.00%	0.00	1589.48	HB45	-0.0002	2.4845	0.0000	0.997	1.024	**Left**	HB45	12.00	0.00	4.50	8.23	12.73	18.000	**OK**	1.131	1.808	0.711	0.567		1.024
	Grade	10	2128+80.00	HB45	1588.30	59.08	-2.00%	0.00	1589.48	0.00	-2.00%	0.00	1589.48	HB45	-0.0002	2.4912	0.0000	1.024	1.051	**Left**	HB45	12.00	0.00	4.50	9.54	14.04	18.000	**OK**	1.249	2.160	0.626	0.487	10	1.051
	Grade		2128+85.00	HB45	1588.30	59.08	-2.00%	0.00	1589.48	0.00	-2.00%	0.00	1589.48	HB45	-0.0001	2.4980	0.0000	0.000	0.027	**Left**	HB45	12.00	0.00	4.21	0.00	4.21	18.000	**OK**	0.177	0.177	0.153	0.153		0.027
	Sag	3	2128+90.00	HB45	1588.30	59.08	-2.00%	0.00	1589.48	0.00	-2.00%	0.00	1589.48	HB45	0.0000	6.4377	0.0000	0.054	0.082	**Left**	HB45	12.00	0.00	4.50	3.67	8.17	18.000	**OK**	0.721	0.856	0.106	0.095	3	0.082
	Grade		2128+95.00	HB45	1588.30	59.08	-2.00%	0.00	1589.48	0.00	-2.00%	0.00	1589.48	HB45	0.0001	3.9328	0.0000	0.000	0.027	**Left**	HB45	12.00	0.00	4.41	0.00	4.41	18.000	**OK**	0.195	0.195	0.140	0.140		0.027
	Grade	10	2129+00.00	HB45	1588.30	59.09	-2.00%	0.00	1589.48	0.00	-2.00%	0.00	1589.48	HB45	0.0001	3.9261	0.0000	0.668	0.695	**Left**	HB45	12.00	0.00	4.50	7.48	11.98	18.000	**OK**	1.063	1.623	0.529	0.428	10	0.695
	Grade		2129+05.00	HB45	1588.30	59.09	-2.00%	0.00	1589.48	0.00	-2.00%	0.00	1589.48	HB45	0.0002	3.9193	0.0000	0.641	0.668	**Left**	HB45	12.00	0.00	4.50	6.14	10.64	18.000	**OK**	0.943	1.320	0.606	0.506		0.668
	Grade		2129+10.00	HB45	1588.30	59.09	-2.00%	0.00	1589.49	0.00	-2.00%	0.00	1589.49	HB45	0.0003	3.9125	0.0000	0.614	0.641	**Left**	HB45	12.00	0.00	4.50	5.21	9.71	18.000	**OK**	0.859	1.130	0.662	0.567		0.641
	Grade		2129+15.00	HB45	1588.31	59.09	-2.00%	0.00	1589.49	0.00	-2.00%	0.00	1589.49	HB45	0.0004	3.9057	0.0000	0.587	0.614	**Left**	HB45	12.00	0.00	4.50	4.48	8.98	18.000	**OK**	0.793	0.993	0.706	0.618		0.614
	Grade		2129+20.00	HB45	1588.31	59.09	-2.00%	0.00	1589.49	0.00	-2.00%	0.00	1589.49	HB45	0.0004	3.8989	0.0000	0.559	0.587	**Left**	HB45	12.00	0.00	4.50	3.87	8.37	18.000	**OK**	0.738	0.888	0.740	0.661		0.587
	Grade		2129+25.00	HB45	1588.31	59.09	-2.00%	0.00	1589.49	0.00	-2.00%	0.00	1589.49	HB45	0.0005	3.8921	0.0000	0.532	0.559	**Left**	HB45	12.00	0.00	4.50	3.34	7.84	18.000	**OK**	0.691	0.802	0.767	0.697		0.559
	Grade		2129+30.00	HB45	1588.31	59.09	-2.00%	0.00	1589.50	0.00	-2.00%	0.00	1589.50	HB45	0.0006	3.8854	0.0000	0.505	0.532	**Left**	HB45	12.00	0.00	4.50	2.87	7.37	18.000	**OK**	0.648	0.731	0.789	0.729		0.532
	Grade		2129+35.00	HB45	1588.32	59.09	-2.00%	0.00	1589.50	0.00	-2.00%	0.00	1589.50	HB45	0.0007	3.8786	0.0000	0.478	0.505	**Left**	HB45	12.00	0.00	4.50	2.44	6.94	18.000	**OK**	0.609	0.669	0.805	0.755		0.505
	Grade		2129+40.00	HB45	1588.32	59.09	-2.00%	0.00	1589.50	0.00	-2.00%	0.00	1589.50	HB45	0.0008	3.8718	0.0000	0.451	0.478	**Left**	HB45	12.00	0.00	4.50	2.03	6.53	18.000	**OK**	0.573	0.614	0.818	0.778		0.478
	Grade		2129+45.00	HB45	1588.33	59.10	-2.00%	0.00	1589.51	0.00	-2.00%	0.00	1589.51	HB45	0.0008	3.8650	0.0000	0.424	0.451	**Left**	HB45	12.00	0.00	4.50	1.65	6.15	18.000	**OK**	0.539	0.566	0.826	0.796		0.451
	Grade		2129+50.00	HB45	1588.33	59.10	-2.00%	0.00	1589.51	0.00	-2.00%	0.00	1589.51	HB45	0.0009	3.8582	0.0000	0.396	0.424	**Left**	HB45	12.00	0.00	4.50	1.29	5.79	18.000	**OK**	0.506	0.523	0.831	0.810		0.424
	Grade		2129+55.00	HB45	1588.34	59.10	-2.00%	0.00	1589.52	0.00	-2.00%	0.00	1589.52	HB45	0.0010	3.8514	0.0000	0.369	0.396	**Left**	HB45	12.00	0.00	4.50	0.94	5.44	18.000	**OK**	0.475	0.484	0.832	0.820		0.396
	Grade		2129+60.00	HB45	1588.34	59.10	-2.00%	0.00	1589.52	0.00	-2.00%	0.00	1589.52	HB45	0.0011	3.8447	0.0000	0.342	0.369	**Left**	HB45	12.00	0.00	4.50	0.60	5.10	18.000	**OK**	0.444	0.448	0.830	0.825		0.369
	Grade		2129+65.00	HB45	1588.35	59.10	-2.00%	0.00	1589.53	0.00	-2.00%	0.00	1589.53	HB45	0.0011	3.8379	0.0000	0.315	0.342	**Left**	HB45	12.00	0.00	4.50	0.27	4.77	18.000	**OK**	0.414	0.415	0.825	0.824		0.342
	Grade		2129+70.00	HB45	1588.35	59.10	-2.00%	0.00	1589.53	0.00	-2.00%	0.00	1589.53	HB45	0.0012	3.8311	0.0000	0.288	0.315	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.385	0.385	0.818	0.818		0.315
	Grade		2129+75.00	HB45	1588.36	59.10	-2.00%	0.00	1589.54	0.00	-2.00%	0.00	1589.54	HB45	0.0013	3.8243	0.0000	0.261	0.288	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.357	0.357	0.807	0.807		0.288
	Grade		2129+80.00	HB45	1588.37	59.10	-2.00%	0.00	1589.55	0.00	-2.00%	0.00	1589.55	HB45	0.0014	3.8175	0.0000	0.233	0.261	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.328	0.328	0.794	0.794		0.261
	Grade		2129+85.00	HB45	1588.37	59.10	-2.00%	0.00	1589.55	0.00	-2.00%	0.00	1589.55	HB45	0.0014	3.8107	0.0000	0.206	0.233	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.300	0.300	0.779	0.779		0.233
	Grade		2129+90.00	HB45	1588.38	59.11	-2.00%	0.00	1589.56	0.00	-2.00%	0.00	1589.56	HB45	0.0015	3.8040	0.0000	0.179	0.206	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.271	0.271	0.761	0.761		0.206
	Grade		2129+95.00	HB45	1588.39	59.11	-2.00%	0.00	1589.57	0.00	-2.00%	0.00	1589.57	HB45	0.0016	3.7972	0.0000	0.152	0.179	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.242	0.242	0.740	0.740		0.179
	Grade	3	2130+00.00	HB45	1588.40	59.11	-2.00%	0.00	1589.58	0.00	-2.00%	0.00	1589.58	HB45	0.0017	3.7904	0.0000	1.325	1.353	**Left**	HB45	12.00	0.00	4.50	4.66	9.16	18.000	**OK**	0.809	1.026	1.514	1.319	3	1.353
	Grade		2130+05.00	HB45	1588.41	59.11	-2.00%	0.00	1589.59	0.00	-2.00%	0.00	1589.59	HB45	0.0017	3.7836	0.0000	1.298	1.325	**Left**	HB45	12.00	0.00	4.50	4.46	8.96	18.000	**OK**	0.792	0.991	1.527	1.338		1.325
	Grade		2130+10.00	HB45	1588.41	59.11	-2.00%	0.00	1589.60	0.00	-2.00%	0.00	1589.60	HB45	0.0018	3.7768	0.0000	1.271	1.298	**Left**	HB45	12.00	0.00	4.50	4.28	8.78	18.000	**OK**	0.775	0.958	1.539	1.356		1.298
	Grade		2130+15.00	HB45	1588.42	59.11	-2.00%	0.00	1589.61	0.00	-2.00%	0.00	1589.61	HB45	0.0019	3.7700	0.0000	1.244	1.271	**Left**	HB45	12.00	0.00	4.50	4.09	8.59	18.000	**OK**	0.758	0.926	1.549	1.373		1.271
	Grade		2130+20.00	HB45	1588.43	59.11	-2.00%	0.00	1589.62	0.00	-2.00%	0.00	1589.62	HB45	0.0020	3.7633	0.0000	1.217	1.244	**Left**	HB45	12.00	0.00	4.50	3.91	8.41	18.000	**OK**	0.742	0.896	1.558	1.389		1.244
	Grade		2130+25.00	HB45	1588.44	59.11	-2.00%	0.00	1589.63	0.00	-2.00%	0.00	1589.63	HB45	0.0021	3.7565	0.0000	1.190	1.217	**Left**	HB45	12.00	0.00	4.50	3.74	8.24	18.000	**OK**	0.727	0.866	1.567	1.405		1.217
	Grade		2130+30.00	HB45	1588.45	59.11	-2.00%	0.00	1589.64	0.00	-2.00%	0.00	1589.64	HB45	0.0021	3.7497	0.0000	1.163	1.190	**Left**	HB45	12.00	0.00	4.50	3.57	8.07	18.000	**OK**	0.711	0.838	1.574	1.419		1.190
	Grade		2130+35.00	HB45	1588.47	59.12	-2.00%	0.00	1589.65	0.00	-2.00%	0.00	1589.65	HB45	0.0022	3.7429	0.0000	1.136	1.163	**Left**	HB45	12.00	0.00	4.50	3.40	7.90	18.000	**OK**	0.696	0.811	1.580	1.433		1.163
	Grade		2130+40.00	HB45	1588.48	59.12	-2.00%	0.00	1589.66	0.00	-2.00%	0.00	1589.66	HB45	0.0023	3.7361	0.0000	1.108	1.136	**Left**	HB45	12.00	0.00	4.50	3.23	7.73	18.000	**OK**	0.681	0.785	1.585	1.446		1.136
	Grade		2130+45.00	HB45	1588.49	59.12	-2.00%	0.00	1589.67	0.00	-2.00%	0.00	1589.67	HB45	0.0024	3.7293	0.0000	1.081	1.109	**Left**	HB45	12.00	0.00	4.50	3.07	7.57	18.000	**OK**	0.666	0.760	1.589	1.458		1.109
	Grade		2130+50.00	HB45	1588.50	59.12	-2.00%	0.00	1589.68	0.00	-2.00%	0.00	1589.68	HB45	0.0024	3.7225	0.0000	1.054	1.081	**Left**	HB45	12.00	0.00	4.50	2.91	7.41	18.000	**OK**	0.652	0.736	1.592	1.469		1.081
	Grade		2130+55.00	HB45	1588.51	59.12	-2.00%	0.00	1589.70	0.00	-2.00%	0.00	1589.70	HB45	0.0025	3.7158	0.0000	1.027	1.054	**Left**	HB45	12.00	0.00	4.50	2.75	7.25	18.000	**OK**	0.637	0.713	1.594	1.479		1.054
	Grade		2130+60.00	HB45	1588.53	59.12	-2.00%	0.00	1589.71	0.00	-2.00%	0.00	1589.71	HB45	0.0026	3.7090	0.0000	1.000	1.027	**Left**	HB45	12.00	0.00	4.50	2.59	7.09	18.000	**OK**	0.623	0.690	1.596	1.489		1.027
	Grade		2130+65.00	HB45	1588.54	59.12	-2.00%	0.00	1589.72	0.00	-2.00%	0.00	1589.72	HB45	0.0027	3.7022	0.0000	0.973	1.000	**Left**	HB45	12.00	0.00	4.50	2.43	6.93	18.000	**OK**	0.609	0.668	1.596	1.497		1.000
	Grade		2130+70.00	HB45	1588.55	59.12	-2.00%	0.00	1589.74	0.00	-2.00%	0.00	1589.74	HB45	0.0027	3.6954	0.0000	0.946	0.973	**Left**	HB45	12.00	0.00	4.50	2.28	6.78	18.000	**OK**	0.595	0.647	1.595	1.505		0.973
	Grade		2130+75.00	HB45	1588.57	59.12	-2.00%	0.00	1589.75	0.00	-2.00%	0.00	1589.75	HB45	0.0028	3.6886	0.0000	0.919	0.946	**Left**	HB45	12.00	0.00	4.50	2.12	6.62	18.000	**OK**	0.581	0.626	1.593	1.511		0.946
	Grade		2130+80.00	HB45	1588.58	59.13	-2.00%	0.00	1589.76	0.00	-2.00%	0.00	1589.76	HB45	0.0029	3.6818	0.0000	0.892	0.919	**Left**	HB45	12.00	0.00	4.50	1.97	6.47	18.000	**OK**	0.567	0.606	1.591	1.517		0.919
	Grade		2130+85.00	HB45	1588.60	59.13	-2.00%	0.00	1589.78	0.00	-2.00%	0.00	1589.78	HB45	0.0030	3.6750	0.0000	0.864	0.892	**Left**	HB45	12.00	0.00	4.50	1.81	6.31	18.000	**OK**	0.553	0.586	1.587	1.522		0.892
	Grade		2130+90.00	HB45	1588.61	59.13	-2.00%	0.00	1589.79	0.00	-2.00%	0.00	1589.79	HB45	0.0030	3.6683	0.0000	0.837	0.864	**Left**	HB45	12.00	0.00	4.50	1.66	6.16	18.000	**OK**	0.539	0.567	1.583	1.525		0.864
	Grade		2130+95.00	HB45	1588.63	59.13	-2.00%	0.00	1589.81	0.00	-2.00%	0.00	1589.81	HB45	0.0031	3.6615	0.0000	0.810	0.837	**Left**	HB45	12.00	0.00	4.50	1.51	6.01	18.000	**OK**	0.526	0.548	1.577	1.527		0.837
	Grade		2131+00.00	HB45	1588.64	59.13	-2.00%	0.00	1589.83	0.00	-2.00%	0.00	1589.83	HB45	0.0032	3.6547	0.0000	0.783	0.810	**Left**	HB45	12.00	0.00	4.50	1.35	5.85	18.000	**OK**	0.512	0.530	1.571	1.529		0.810
	Grade		2131+05.00	HB45	1588.66	59.13	-2.00%	0.00	1589.84	0.00	-2.00%	0.00	1589.84	HB45	0.0033	3.6479	0.0000	0.756	0.783	**Left**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.498	0.512	1.563	1.528		0.783
	Grade		2131+10.00	HB45	1588.68	59.13	-2.00%	0.00	1589.86	0.00	-2.00%	0.00	1589.86	HB45	0.0034	3.6411	0.0000	0.729	0.756	**Left**	HB45	12.00	0.00	4.50	1.05	5.55	18.000	**OK**	0.484	0.495	1.554	1.527		0.756
	Grade		2131+15.00	HB45	1588.69	59.13	-2.00%	0.00	1589.88	0.00	-2.00%	0.00	1589.88	HB45	0.0034	3.6343	0.0000	0.702	0.729	**Left**	HB45	12.00	0.00	4.50	0.89	5.39	18.000	**OK**	0.470	0.478	1.545	1.524		0.729
	Grade		2131+20.00	HB45	1588.71	59.13	-2.00%	0.00	1589.89	0.00	-2.00%	0.00	1589.89	HB45	0.0035	3.6275	0.0000	0.675	0.702	**Left**	HB45	12.00	0.00	4.50	0.74	5.24	18.000	**OK**	0.456	0.462	1.534	1.519		0.702
	Grade		2131+25.00	HB45	1588.73	59.14	-2.00%	0.00	1589.91	0.00	-2.00%	0.00	1589.91	HB45	0.0036	3.6207	0.0000	0.647	0.675	**Left**	HB45	12.00	0.00	4.50	0.58	5.08	18.000	**OK**	0.443	0.446	1.523	1.513		0.675
	Grade		2131+30.00	HB45	1588.75	59.14	-2.00%	0.00	1589.93	0.00	-2.00%	0.00	1589.93	HB45	0.0037	3.6140	0.0000	0.620	0.648	**Left**	HB45	12.00	0.00	4.50	0.43	4.93	18.000	**OK**	0.429	0.430	1.510	1.504		0.648
	Grade		2131+35.00	HB45	1588.77	59.14	-2.00%	0.00	1589.95	0.00	-2.00%	0.00	1589.95	HB45	0.0037	3.6072	0.0000	0.593	0.620	**Left**	HB45	12.00	0.00	4.50	0.27	4.77	18.000	**OK**	0.415	0.415	1.496	1.494		0.620
	Grade		2131+40.00	HB45	1588.79	59.14	-2.00%	0.00	1589.97	0.00	-2.00%	0.00	1589.97	HB45	0.0038	3.6004	0.0000	0.566	0.593	**Left**	HB45	12.00	0.00	4.50	0.12	4.62	18.000	**OK**	0.400	0.401	1.482	1.481		0.593
	Grade		2131+45.00	HB45	1588.80	59.14	-2.00%	0.00	1589.99	0.00	-2.00%	0.00	1589.99	HB45	0.0039	3.5936	0.0000	0.539	0.566	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	1.466	1.466		0.566
	Grade		2131+50.00	HB45	1588.82	59.14	-2.00%	0.00	1590.01	0.00	-2.00%	0.00	1590.01	HB45	0.0040	3.5868	0.0000	0.512	0.539	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.372	0.372	1.449	1.449		0.539
	Grade		2131+55.00	HB45	1588.84	59.14	-2.00%	0.00	1590.03	0.00	-2.00%	0.00	1590.03	HB45	0.0040	3.5800	0.0000	0.485	0.512	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.358	0.358	1.431	1.431		0.512
	Grade		2131+60.00	HB45	1588.87	59.14	-2.00%	0.00	1590.05	0.00	-2.00%	0.00	1590.05	HB45	0.0041	3.5732	0.0000	0.458	0.485	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	1.413	1.413		0.485
	Grade		2131+65.00	HB45	1588.89	59.14	-2.00%	0.00	1590.07	0.00	-2.00%	0.00	1590.07	HB45	0.0042	3.5664	0.0000	0.430	0.458	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.329	0.329	1.393	1.393		0.458
	Grade		2131+70.00	HB45	1588.91	59.15	-2.00%	0.00	1590.09	0.00	-2.00%	0.00	1590.09	HB45	0.0043	3.5596	0.0000	0.403	0.431	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.314	0.314	1.372	1.372		0.431
	Grade		2131+75.00	HB45	1588.93	59.15	-2.00%	0.00	1590.11	0.00	-2.00%	0.00	1590.11	HB45	0.0043	3.5529	0.0000	0.376	0.403	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.299	0.299	1.350	1.350		0.403
	Grade		2131+80.00	HB45	1588.95	59.15	-2.00%	0.00	1590.13	0.00	-2.00%	0.00	1590.13	HB45	0.0044	3.5461	0.0000	0.349	0.376	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	1.327	1.327		0.376
	Grade		2131+85.00	HB45	1588.97	59.15	-2.00%	0.00	1590.16	0.00	-2.00%	0.00	1590.16	HB45	0.0045	3.5393	0.0000	0.322	0.349	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.268	0.268	1.302	1.302		0.349
	Grade		2131+90.00	HB45	1589.00	59.15	-2.00%	0.00	1590.18	0.00	-2.00%	0.00	1590.18	HB45	0.0046	3.5325	0.0000	0.295	0.322	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.252	0.252	1.277	1.277		0.322
	Grade	3	2131+95.00	HB45	1589.02	59.15	-2.00%	0.00	1590.20	0.00	-2.00%	0.00	1590.20	HB45	0.0047	3.5257	0.0000	2.479	2.506	**Left**	HB45	12.00	0.00	4.50	5.14	9.64	18.000	**OK**	0.853	1.117	2.614	2.243	3	2.506
	Grade		2132+00.00	HB45	1589.04	59.15	-2.00%	0.00	1590.23	0.00	-2.00%	0.00	1590.23	HB45	0.0047	3.5189	0.0000	2.452	2.479	**Left**	HB45	12.00	0.00	4.50	5.05	9.55	18.000	**OK**	0.845	1.100	2.619	2.254		2.479
	Grade		2132+05.00	HB45	1589.07	59.15	-2.00%	0.00	1590.25	0.00	-2.00%	0.00	1590.25	HB45	0.0048	3.5121	0.0000	2.425	2.452	**Left**	HB45	12.00	0.00	4.50	4.96	9.46	18.000	**OK**	0.837	1.083	2.624	2.264		2.452
	Grade		2132+10.00	HB45	1589.09	59.15	-2.00%	0.00	1590.28	0.00	-2.00%	0.00	1590.28	HB45	0.0049	3.5053	0.0000	2.398	2.426	**Left**	HB45	12.00	0.00	4.50	4.88	9.38	18.000	**OK**	0.829	1.067	2.629	2.274		2.426

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2132+15.00	HB45	1589.12	59.16	-2.00%	0.00	1590.30	0.00	-2.00%	0.00	1590.30	HB45	0.0050	3.4985	0.0000	2.371	2.399	**Left**	HB45	12.00	0.00	4.50	4.79	9.29	18.000	**OK**	0.821	1.050	2.633	2.283		2.399
	Grade		2132+20.00	HB45	1589.14	59.16	-2.00%	0.00	1590.33	0.00	-2.00%	0.00	1590.33	HB45	0.0050	3.4918	0.0000	2.345	2.372	**Left**	HB45	12.00	0.00	4.50	4.72	9.22	18.000	**OK**	0.815	1.038	2.630	2.286		2.372
	Grade		2132+25.00	HB45	1589.17	59.16	-2.00%	0.00	1590.35	0.00	-2.00%	0.00	1590.35	HB45	0.0050	3.4850	0.0000	2.318	2.345	**Left**	HB45	12.00	0.00	4.50	4.67	9.17	18.000	**OK**	0.810	1.028	2.620	2.281		2.345
	Grade		2132+30.00	HB45	1589.19	59.16	-2.00%	0.00	1590.38	0.00	-2.00%	0.00	1590.38	HB45	0.0050	3.4782	0.0000	2.291	2.318	**Left**	HB45	12.00	0.00	4.50	4.62	9.12	18.000	**OK**	0.805	1.019	2.611	2.276		2.318
	Grade		2132+35.00	HB45	1589.22	59.16	-2.00%	0.00	1590.40	0.00	-2.00%	0.00	1590.40	HB45	0.0050	3.4714	0.0000	2.264	2.291	**Left**	HB45	12.00	0.00	4.50	4.56	9.06	18.000	**OK**	0.801	1.009	2.601	2.271		2.291
	Grade		2132+40.00	HB45	1589.24	59.16	-2.00%	0.00	1590.43	0.00	-2.00%	0.00	1590.43	HB45	0.0050	3.4646	0.0000	2.237	2.264	**Left**	HB45	12.00	0.00	4.50	4.51	9.01	18.000	**OK**	0.796	0.999	2.591	2.266		2.264
	Grade		2132+45.00	HB45	1589.27	59.16	-2.00%	0.00	1590.45	0.00	-2.00%	0.00	1590.45	HB45	0.0050	3.4578	0.0000	2.210	2.237	**Left**	HB45	12.00	0.00	4.50	4.46	8.96	18.000	**OK**	0.791	0.990	2.580	2.261		2.237
	Grade		2132+50.00	HB45	1589.29	59.16	-2.00%	0.00	1590.48	0.00	-2.00%	0.00	1590.48	HB45	0.0050	3.4510	0.0000	2.183	2.211	**Left**	HB45	12.00	0.00	4.50	4.40	8.90	18.000	**OK**	0.786	0.980	2.570	2.256		2.211
	Grade		2132+55.00	HB45	1589.32	59.16	-2.00%	0.00	1590.50	0.00	-2.00%	0.00	1590.50	HB45	0.0050	3.4442	0.0000	2.157	2.184	**Left**	HB45	12.00	0.00	4.50	4.35	8.85	18.000	**OK**	0.781	0.970	2.560	2.251		2.184
	Grade		2132+60.00	HB45	1589.34	59.17	-2.00%	0.00	1590.53	0.00	-2.00%	0.00	1590.53	HB45	0.0050	3.4374	0.0000	2.130	2.157	**Left**	HB45	12.00	0.00	4.50	4.29	8.79	18.000	**OK**	0.776	0.961	2.550	2.245		2.157
	Grade		2132+65.00	HB45	1589.37	59.17	-2.00%	0.00	1590.55	0.00	-2.00%	0.00	1590.55	HB45	0.0050	3.4306	0.0000	2.103	2.130	**Left**	HB45	12.00	0.00	4.50	4.24	8.74	18.000	**OK**	0.771	0.951	2.539	2.240		2.130
	Grade		2132+70.00	HB45	1589.39	59.17	-2.00%	0.00	1590.58	0.00	-2.00%	0.00	1590.58	HB45	0.0050	3.4238	0.0000	2.076	2.103	**Left**	HB45	12.00	0.00	4.50	4.18	8.68	18.000	**OK**	0.766	0.941	2.528	2.235		2.103
	Grade		2132+75.00	HB45	1589.42	59.17	-2.00%	0.00	1590.60	0.00	-2.00%	0.00	1590.60	HB45	0.0050	3.4171	0.0000	2.049	2.076	**Left**	HB45	12.00	0.00	4.50	4.12	8.62	18.000	**OK**	0.761	0.931	2.518	2.229		2.076
	Grade		2132+80.00	HB45	1589.44	59.17	-2.00%	0.00	1590.63	0.00	-2.00%	0.00	1590.63	HB45	0.0050	3.4103	0.0000	2.022	2.049	**Left**	HB45	12.00	0.00	4.50	4.07	8.57	18.000	**OK**	0.756	0.922	2.507	2.224		2.049
	Grade		2132+85.00	HB45	1589.47	59.17	-2.00%	0.00	1590.65	0.00	-2.00%	0.00	1590.65	HB45	0.0050	3.4035	0.0000	1.995	2.023	**Left**	HB45	12.00	0.00	4.50	4.01	8.51	18.000	**OK**	0.751	0.912	2.496	2.218		2.023
	Grade		2132+90.00	HB45	1589.49	59.17	-2.00%	0.00	1590.68	0.00	-2.00%	0.00	1590.68	HB45	0.0050	3.3967	0.0000	1.968	1.996	**Left**	HB45	12.00	0.00	4.50	3.95	8.45	18.000	**OK**	0.746	0.902	2.485	2.212		1.996
	Grade		2132+95.00	HB45	1589.52	59.17	-2.00%	0.00	1590.70	0.00	-2.00%	0.00	1590.70	HB45	0.0050	3.3899	0.0000	1.942	1.969	**Left**	HB45	12.00	0.00	4.50	3.89	8.39	18.000	**OK**	0.741	0.892	2.474	2.207		1.969
	Grade		2133+00.00	HB45	1589.54	59.17	-2.00%	0.00	1590.73	0.00	-2.00%	0.00	1590.73	HB45	0.0050	3.3831	0.0000	1.915	1.942	**Left**	HB45	12.00	0.00	4.50	3.84	8.34	18.000	**OK**	0.735	0.882	2.462	2.201		1.942
	Grade		2133+05.00	HB45	1589.57	59.18	-2.00%	0.00	1590.75	0.00	-2.00%	0.00	1590.75	HB45	0.0050	3.3763	0.0000	1.888	1.915	**Left**	HB45	12.00	0.00	4.50	3.78	8.28	18.000	**OK**	0.730	0.873	2.451	2.195		1.915
	Grade		2133+10.00	HB45	1589.59	59.18	-2.00%	0.00	1590.78	0.00	-2.00%	0.00	1590.78	HB45	0.0050	3.3695	0.0000	1.861	1.888	**Left**	HB45	12.00	0.00	4.50	3.72	8.22	18.000	**OK**	0.725	0.863	2.439	2.189		1.888
	Grade		2133+15.00	HB45	1589.62	59.18	-2.00%	0.00	1590.80	0.00	-2.00%	0.00	1590.80	HB45	0.0050	3.3627	0.0000	1.834	1.861	**Left**	HB45	12.00	0.00	4.50	3.66	8.16	18.000	**OK**	0.719	0.853	2.428	2.183		1.861
	Grade		2133+20.00	HB45	1589.64	59.18	-2.00%	0.00	1590.83	0.00	-2.00%	0.00	1590.83	HB45	0.0050	3.3559	0.0000	1.807	1.835	**Left**	HB45	12.00	0.00	4.50	3.60	8.10	18.000	**OK**	0.714	0.843	2.416	2.177		1.835
	Grade		2133+25.00	HB45	1589.67	59.18	-2.00%	0.00	1590.85	0.00	-2.00%	0.00	1590.85	HB45	0.0050	3.3491	0.0000	1.781	1.808	**Left**	HB45	12.00	0.00	4.50	3.53	8.03	18.000	**OK**	0.708	0.833	2.404	2.170		1.808
	Grade		2133+30.00	HB45	1589.69	59.18	-2.00%	0.00	1590.88	0.00	-2.00%	0.00	1590.88	HB45	0.0050	3.3423	0.0000	1.753	1.781	**Left**	HB45	12.00	0.00	4.50	3.47	7.97	18.000	**OK**	0.702	0.823	2.392	2.164		1.781
	Grade		2133+35.00	HB45	1589.72	59.18	-2.00%	0.00	1590.90	0.00	-2.00%	0.00	1590.90	HB45	0.0050	3.3355	0.0000	1.726	1.754	**Left**	HB45	12.00	0.00	4.50	3.41	7.91	18.000	**OK**	0.697	0.813	2.379	2.157		1.754
	Grade		2133+40.00	HB45	1589.74	59.18	-2.00%	0.00	1590.93	0.00	-2.00%	0.00	1590.93	HB45	0.0050	3.3288	0.0000	1.699	1.726	**Left**	HB45	12.00	0.00	4.50	3.34	7.84	18.000	**OK**	0.691	0.803	2.366	2.150		1.726
	Grade		2133+45.00	HB45	1589.77	59.18	-2.00%	0.00	1590.95	0.00	-2.00%	0.00	1590.95	HB45	0.0050	3.3220	0.0000	1.672	1.699	**Left**	HB45	12.00	0.00	4.50	3.28	7.78	18.000	**OK**	0.685	0.793	2.354	2.144		1.699
	Grade		2133+50.00	HB45	1589.79	59.19	-2.00%	0.00	1590.98	0.00	-2.00%	0.00	1590.98	HB45	0.0050	3.3152	0.0000	1.645	1.672	**Left**	HB45	12.00	0.00	4.50	3.21	7.71	18.000	**OK**	0.679	0.783	2.341	2.137		1.672
	Grade		2133+55.00	HB45	1589.82	59.19	-2.00%	0.00	1591.00	0.00	-2.00%	0.00	1591.00	HB45	0.0050	3.3084	0.0000	1.618	1.645	**Left**	HB45	12.00	0.00	4.50	3.15	7.65	18.000	**OK**	0.673	0.772	2.328	2.130		1.645
	Grade		2133+60.00	HB45	1589.84	59.19	-2.00%	0.00	1591.03	0.00	-2.00%	0.00	1591.03	HB45	0.0050	3.3016	0.0000	1.590	1.618	**Left**	HB45	12.00	0.00	4.50	3.08	7.58	18.000	**OK**	0.667	0.762	2.314	2.122		1.618
	Grade		2133+65.00	HB45	1589.87	59.19	-2.00%	0.00	1591.05	0.00	-2.00%	0.00	1591.05	HB45	0.0050	3.2948	0.0000	1.563	1.590	**Left**	HB45	12.00	0.00	4.50	3.01	7.51	18.000	**OK**	0.661	0.752	2.301	2.115		1.590
	Grade		2133+70.00	HB45	1589.89	59.19	-2.00%	0.00	1591.08	0.00	-2.00%	0.00	1591.08	HB45	0.0050	3.2880	0.0000	1.536	1.563	**Left**	HB45	12.00	0.00	4.50	2.94	7.44	18.000	**OK**	0.655	0.742	2.288	2.108		1.563
	Grade		2133+75.00	HB45	1589.92	59.19	-2.00%	0.00	1591.10	0.00	-2.00%	0.00	1591.10	HB45	0.0050	3.2812	0.0000	1.509	1.536	**Left**	HB45	12.00	0.00	4.50	2.87	7.37	18.000	**OK**	0.649	0.731	2.274	2.100		1.536
	Grade		2133+80.00	HB45	1589.94	59.19	-2.00%	0.00	1591.13	0.00	-2.00%	0.00	1591.13	HB45	0.0050	3.2744	0.0000	1.482	1.509	**Left**	HB45	12.00	0.00	4.50	2.80	7.30	18.000	**OK**	0.642	0.721	2.260	2.092		1.509
	Grade		2133+85.00	HB45	1589.97	59.19	-2.00%	0.00	1591.15	0.00	-2.00%	0.00	1591.15	HB45	0.0050	3.2676	0.0000	1.454	1.482	**Left**	HB45	12.00	0.00	4.50	2.73	7.23	18.000	**OK**	0.636	0.711	2.246	2.084		1.482
	Grade		2133+90.00	HB45	1589.99	59.19	-2.00%	0.00	1591.18	0.00	-2.00%	0.00	1591.18	HB45	0.0050	3.2608	0.0000	1.427	1.455	**Left**	HB45	12.00	0.00	4.50	2.66	7.16	18.000	**OK**	0.630	0.701	2.231	2.076		1.455
	Grade		2133+95.00	HB45	1590.02	59.19	-2.00%	0.00	1591.20	0.00	-2.00%	0.00	1591.20	HB45	0.0050	3.2540	0.0000	1.400	1.427	**Left**	HB45	12.00	0.00	4.50	2.59	7.09	18.000	**OK**	0.623	0.690	2.217	2.068		1.427
	Grade		2134+00.00	HB45	1590.04	59.20	-2.00%	0.00	1591.23	0.00	-2.00%	0.00	1591.23	HB45	0.0050	3.2472	0.0000	1.373	1.400	**Left**	HB45	12.00	0.00	4.50	2.52	7.02	18.000	**OK**	0.616	0.680	2.202	2.060		1.400
	Grade		2134+05.00	HB45	1590.07	59.20	-2.00%	0.00	1591.25	0.00	-2.00%	0.00	1591.25	HB45	0.0050	3.2404	0.0000	1.346	1.373	**Left**	HB45	12.00	0.00	4.50	2.44	6.94	18.000	**OK**	0.610	0.669	2.187	2.051		1.373
	Grade		2134+10.00	HB45	1590.09	59.20	-2.00%	0.00	1591.28	0.00	-2.00%	0.00	1591.28	HB45	0.0050	3.2336	0.0000	1.319	1.346	**Left**	HB45	12.00	0.00	4.50	2.37	6.87	18.000	**OK**	0.603	0.659	2.172	2.042		1.346
	Grade		2134+15.00	HB45	1590.12	59.20	-2.00%	0.00	1591.30	0.00	-2.00%	0.00	1591.30	HB45	0.0050	3.2268	0.0000	1.291	1.319	**Left**	HB45	12.00	0.00	4.50	2.29	6.79	18.000	**OK**	0.596	0.649	2.156	2.033		1.319
	Grade		2134+20.00	HB45	1590.14	59.20	-2.00%	0.00	1591.33	0.00	-2.00%	0.00	1591.33	HB45	0.0050	3.2200	0.0000	1.264	1.291	**Left**	HB45	12.00	0.00	4.50	2.21	6.71	18.000	**OK**	0.589	0.638	2.140	2.024		1.291
	Grade		2134+25.00	HB45	1590.17	59.20	-2.00%	0.00	1591.35	0.00	-2.00%	0.00	1591.35	HB45	0.0050	3.2133	0.0000	1.237	1.264	**Left**	HB45	12.00	0.00	4.50	2.13	6.63	18.000	**OK**	0.582	0.628	2.124	2.014		1.264
	Grade		2134+30.00	HB45	1590.19	59.20	-2.00%	0.00	1591.38	0.00	-2.00%	0.00	1591.38	HB45	0.0050	3.2065	0.0000	1.210	1.237	**Left**	HB45	12.00	0.00	4.50	2.06	6.56	18.000	**OK**	0.575	0.617	2.108	2.004		1.237
	Grade		2134+35.00	HB45	1590.22	59.20	-2.00%	0.00	1591.40	0.00	-2.00%	0.00	1591.40	HB45	0.0050	3.1997	0.0000	1.183	1.210	**Left**	HB45	12.00	0.00	4.50	1.97	6.47	18.000	**OK**	0.568	0.607	2.092	1.994		1.210
	Grade		2134+40.00	HB45	1590.24	59.20	-2.00%	0.00	1591.43	0.00	-2.00%	0.00	1591.43	HB45	0.0050	3.1929	0.0000	1.155	1.183	**Left**	HB45	12.00	0.00	4.50	1.89	6.39	18.000	**OK**	0.560	0.596	2.075	1.984		1.183
	Grade		2134+45.00	HB45	1590.27	59.21	-2.00%	0.00	1591.45	0.00	-2.00%	0.00	1591.45	HB45	0.0050	3.1861	0.0000	1.128	1.155	**Left**	HB45	12.00	0.00	4.50	1.81	6.31	18.000	**OK**	0.553	0.586	2.058	1.973		1.155
	Grade		2134+50.00	HB45	1590.29	59.21	-2.00%	0.00	1591.48	0.00	-2.00%	0.00	1591.48	HB45	0.0050	3.1793	0.0000	1.101	1.128	**Left**	HB45	12.00	0.00	4.50	1.73	6.23	18.000	**OK**	0.545	0.575	2.040	1.962		1.128
	Grade		2134+55.00	HB45	1590.32	59.21	-2.00%	0.00	1591.50	0.00	-2.00%	0.00	1591.50	HB45	0.0050	3.1725	0.0000	1.074	1.101	**Left**	HB45	12.00	0.00	4.50	1.64	6.14	18.000	**OK**	0.538	0.565	2.023	1.950		1.101
	Grade		2134+60.00	HB45	1590.34	59.21	-2.00%	0.00	1591.53	0.00	-2.00%	0.00	1591.53	HB45	0.0050	3.1657	0.0000	1.047	1.074	**Left**	HB45	12.00	0.00	4.50	1.55	6.05	18.000	**OK**	0.530	0.554	2.004	1.938		1.074
	Grade		2134+65.00	HB45	1590.37	59.21	-2.00%	0.00	1591.55	0.00	-2.00%	0.00	1591.55	HB45	0.0050	3.1589	0.0000	1.020	1.047	**Left**	HB45	12.00	0.00	4.50	1.47	5.97	18.000	**OK**	0.522	0.543	1.986	1.926		1.047
	Grade		2134+70.00	HB45	1590.39	59.21	-2.00%	0.00	1591.58	0.00	-2.00%	0.00	1591.58	HB45	0.0050	3.1521	0.0000	0.992	1.020	**Left**	HB45	12.00	0.00	4.50	1.38	5.88	18.000	**OK**	0.514	0.533	1.967	1.913		1.020
	Grade		2134+75.00	HB45	1590.42	59.21	-2.00%	0.00	1591.60	0.00	-2.00%	0.00	1591.60	HB45	0.0050	3.1453	0.0000	0.965	0.992	**Left**	HB45	12.00	0.00	4.50	1.29	5.79	18.000	**OK**	0.506	0.522	1.948	1.900		0.992
	Grade		2134+80.00	HB45	1590.44	59.21	-2.00%	0.00	1591.63	0.00	-2.00%	0.00	1591.63	HB45	0.0050	3.1385	0.0000	0.938	0.965	**Left**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.497	0.512	1.929	1.886		0.965
	Grade		2134+85.00	HB45	1590.47	59.21	-2.00%	0.00	1591.65	0.00	-2.00%	0.00	1591.65	HB45	0.0050	3.1317	0.0000	0.911	0.938	**Left**	HB45	12.00	0.00	4.50	1.10	5.60	18.000	**OK**	0.489	0.501	1.909	1.872		0.938
	Grade		2134+90.00	HB45	1590.49	59.22	-2.00%	0.00	1591.68	0.00	-2.00%	0.00	1591.68	HB45	0.0050	3.1249	0.0000	0.884	0.911	**Left**	HB45	12.00	0.00	4.50	1.00	5.50	18.000	**OK**	0.480	0.490	1.888	1.857		0.911
	Grade		2134+95.00	HB45	1590.52	59.22	-2.00%	0.00	1591.70	0.00	-2.00%	0.00	1591.70	HB45	0.0050	3.1181	0.0000	0.856	0.884	**Left**	HB45	12.00	0.00	4.50	0.91	5.41	18.000	**OK**	0.472	0.480	1.868	1.841		0.884
	Grade		2135+00.00	HB45	1590.54	59.22	-2.00%	0.00	1591.73	0.00	-2.00%	0.00	1591.73	HB45	0.0050	3.1113	0.0000	0.829	0.856	**Left**	HB45	12.00	0.00	4.50	0.81	5.31	18.000	**OK**	0.463	0.469	1.846	1.825		0.856
	Grade		2135+05.00	HB45	1590.57	59.22	-2.00%	0.00	1591.75	0.00	-2.00%	0.00	1591.75	HB45	0.0050	3.1045	0.0000	0.802	0.829	**Left**	HB45	12.00	0.00	4.50	0.71	5.21	18.000	**OK**	0.454	0.459	1.825	1.808		0.829
	Grade		2135+10.00	HB45	1590.59	59.22	-2.00%	0.00	1591.78	0.00	-2.00%	0.00	1591.78	HB45	0.0050	3.0977	0.0000	0.775	0.802	**Left**	HB45	12.00	0.00	4.50	0.60	5.10	18.000	**OK**	0.444	0.448	1.803	1.790		0.802
	Grade		2135+15.00	HB45	1590.62	59.22	-2.00%	0.00	1591.80	0.00	-2.00%	0.00	1591.80	HB45	0.0050	3.0909	0.0000	0.748	0.775	**Left**	HB45	12.00	0.00	4.50	0.50	5.00	18.000	**OK**	0.435	0.438	1.780	1.771		0.775
	Grade		2135+20.00	HB45	1590.64	59.22	-2.00%	0.00	1591.83	0.00	-2.00%	0.00	1591.83	HB45	0.0050	3.0841	0.0000	0.720	0.748	**Left**	HB45	12.00	0.00	4.50	0.39	4.89	18.000	**OK**	0.425	0.427	1.757	1.751		0.748
	Grade		2135+25.00	HB45	1590.67	59.22	-2.00%	0.00	1591.85	0.00	-2.00%	0.00	1591.85	HB45	0.0050	3.0773	0.0000	0.693	0.721	**Left**	HB45	12.00	0.00	4.50	0.28	4.78	18.000	**OK**	0.416	0.416	1.733	1.730		0.721
	Grade		2135+30.00	HB45	1590.69	59.22	-2.00%	0.00	1591.88	0.00	-2.00%	0.00	1591.88	HB45	0.0050	3.0705	0.0000	0.666	0.693	**Left**	HB45	12.00	0.00	4.50	0.17	4.67	18.000	**OK**	0.406	0.406	1.709	1.708		0.693
	Grade		2135+35.00	HB45	1590.72	59.23	-2.00%	0.00	1591.90	0.00	-2.00%	0.00	1591.90	HB45	0.0050	3.0637	0.0000	0.639	0.666	**Left**	HB45	12.00	0.00	4.50	0.06	4.56	18.000	**OK**	0.396	0.396	1.684	1.684		0.666
	Grade		2135+40.00	HB45	1590.74	59.23	-2.00%	0.00	1591.93	0.00	-2.00%	0.00	1591.93	HB45	0.0050	3.0569	0.0000	0.612	0.639	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.385	0.385	1.659	1.659		0.639
	Grade		2135+45.00	HB45	1590.77	59.23	-2.00%	0.00	1591.95	0.00	-2.00%	0.00	1591.95	HB45	0.0050	3.0501	0.0000	0.584	0.612	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.375	0.375	1.633	1.633		0.612
	Grade		2135+50.00	HB45	1590.79	59.23	-2.00%	0.00	1591.98	0.00	-2.00%	0.00	1591.98	HB45	0.0050	3.0433	0.0000	0.557	0.584	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.364	0.364	1.606	1.606		0.584
	Grade		2135+55.00	HB45	1590.82	59.23	-2.00%	0.00	1592.00	0.00	-2.00%	0.00	1592.00	HB45	0.0050	3.0365	0.0000	0.530	0.557	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.353	0.353	1.579	1.579		0.557
	Grade		2135+60.00	HB45	1590.84	59.23	-2.00%	0.00	1592.03	0.00	-2.00%	0.00	1592.03	HB45	0.0050	3.0297	0.0000	0.503	0.530	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.342	0.342	1.552	1.552		0.530
	Grade		2135+65.00	HB45	1590.87	59.23	-2.00%	0.00	1592.05	0.00	-2.00%	0.00	1592.05	HB45	0.0050	3.0229	0.0000	0.475	0.503	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.330	0.330	1.523	1.523		0.503

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2135+70.00	HB45	1590.89	59.23	-2.00%	0.00	1592.08	0.00	-2.00%	0.00	1592.08	HB45	0.0050	3.0161	0.0000	0.448	0.475	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.318	0.318	1.494	1.494		0.475
	Grade		2135+75.00	HB45	1590.92	59.23	-2.00%	0.00	1592.10	0.00	-2.00%	0.00	1592.10	HB45	0.0050	3.0093	0.0000	0.421	0.448	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.306	0.306	1.464	1.464		0.448
	Grade		2135+80.00	HB45	1590.94	59.24	-2.00%	0.00	1592.13	0.00	-2.00%	0.00	1592.13	HB45	0.0050	3.0025	0.0000	0.394	0.421	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.294	0.294	1.434	1.434		0.421
	Grade		2135+85.00	HB45	1590.97	59.24	-2.00%	0.00	1592.15	0.00	-2.00%	0.00	1592.15	HB45	0.0050	2.9957	0.0000	0.366	0.394	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.281	0.281	1.402	1.402		0.394
	Grade		2135+90.00	HB45	1590.99	59.24	-2.00%	0.00	1592.18	0.00	-2.00%	0.00	1592.18	HB45	0.0050	2.9889	0.0000	0.339	0.366	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.267	0.267	1.370	1.370		0.366
	Grade		2135+95.00	HB45	1591.02	59.24	-2.00%	0.00	1592.20	0.00	-2.00%	0.00	1592.20	HB45	0.0050	2.9821	0.0000	0.312	0.339	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.254	0.254	1.337	1.337		0.339
	Grade		2136+00.00	HB45	1591.04	59.24	-2.00%	0.00	1592.23	0.00	-2.00%	0.00	1592.23	HB45	0.0050	2.9753	0.0000	0.285	0.312	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.239	0.239	1.304	1.304		0.312
	Grade		2136+05.00	HB45	1591.06	59.26	-2.00%	0.00	1592.25	0.00	-2.00%	0.00	1592.25	HB45	0.0050	2.9685	0.0000	0.257	0.285	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.224	0.224	1.270	1.270		0.285
	Grade		2136+10.00	HB45	1591.09	59.27	-2.00%	0.00	1592.28	0.00	-2.00%	0.00	1592.28	HB45	0.0050	2.9617	0.0000	0.230	0.258	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.208	0.208	1.236	1.236		0.258
	Grade	3	2136+15.00	HB45	1591.11	59.29	-2.00%	0.00	1592.30	0.00	-2.00%	0.00	1592.30	HB45	0.0050	2.9549	0.0000	2.294	2.322	**Left**	HB45	12.00	0.00	4.50	4.62	9.12	18.000	**OK**	0.806	1.020	2.612	2.276	3	2.322
	Grade		2136+20.00	HB45	1591.14	59.30	-2.00%	0.00	1592.33	0.00	-2.00%	0.00	1592.33	HB45	0.0050	2.9481	0.0000	2.267	2.295	**Left**	HB45	12.00	0.00	4.50	4.57	9.07	18.000	**OK**	0.801	1.010	2.602	2.271		2.295
	Grade		2136+25.00	HB45	1591.16	59.32	-2.00%	0.00	1592.35	0.00	-2.00%	0.00	1592.35	HB45	0.0050	2.9413	0.0000	2.240	2.267	**Left**	HB45	12.00	0.00	4.50	4.52	9.02	18.000	**OK**	0.797	1.000	2.591	2.266		2.267
	Grade		2136+30.00	HB45	1591.19	59.33	-2.00%	0.00	1592.38	0.00	-2.00%	0.00	1592.38	HB45	0.0050	2.9345	0.0000	2.213	2.240	**Left**	HB45	12.00	0.00	4.50	4.46	8.96	18.000	**OK**	0.792	0.991	2.581	2.261		2.240
	Grade		2136+35.00	HB45	1591.21	59.35	-2.00%	0.00	1592.40	0.00	-2.00%	0.00	1592.40	HB45	0.0050	2.9277	0.0000	2.186	2.213	**Left**	HB45	12.00	0.00	4.50	4.41	8.91	18.000	**OK**	0.787	0.981	2.571	2.256		2.213
	Grade		2136+40.00	HB45	1591.24	59.36	-2.00%	0.00	1592.43	0.00	-2.00%	0.00	1592.43	HB45	0.0050	2.9209	0.0000	2.158	2.186	**Left**	HB45	12.00	0.00	4.50	4.35	8.85	18.000	**OK**	0.782	0.971	2.560	2.251		2.186
	Grade		2136+45.00	HB45	1591.26	59.38	-2.00%	0.00	1592.45	0.00	-2.00%	0.00	1592.45	HB45	0.0050	2.9141	0.0000	2.131	2.158	**Left**	HB45	12.00	0.00	4.50	4.30	8.80	18.000	**OK**	0.777	0.961	2.550	2.245		2.158
	Grade		2136+50.00	HB45	1591.29	59.40	-2.00%	0.00	1592.48	0.00	-2.00%	0.00	1592.48	HB45	0.0050	2.9073	0.0000	2.104	2.131	**Left**	HB45	12.00	0.00	4.50	4.24	8.74	18.000	**OK**	0.772	0.951	2.539	2.240		2.131
	Grade		2136+55.00	HB45	1591.31	59.41	-2.00%	0.00	1592.50	0.00	-2.00%	0.00	1592.50	HB45	0.0050	2.9005	0.0000	2.077	2.104	**Left**	HB45	12.00	0.00	4.50	4.18	8.68	18.000	**OK**	0.767	0.942	2.528	2.234		2.104
	Grade		2136+60.00	HB45	1591.34	59.43	-2.00%	0.00	1592.53	0.00	-2.00%	0.00	1592.53	HB45	0.0050	2.8936	0.0000	2.049	2.077	**Left**	HB45	12.00	0.00	4.50	4.13	8.63	18.000	**OK**	0.761	0.932	2.518	2.229		2.077
	Grade		2136+65.00	HB45	1591.36	59.44	-2.00%	0.00	1592.55	0.00	-2.00%	0.00	1592.55	HB45	0.0050	2.8868	0.0000	2.022	2.049	**Left**	HB45	12.00	0.00	4.50	4.07	8.57	18.000	**OK**	0.756	0.922	2.507	2.223		2.049
	Grade		2136+70.00	HB45	1591.39	59.46	-2.00%	0.00	1592.58	0.00	-2.00%	0.00	1592.58	HB45	0.0050	2.8800	0.0000	1.995	2.022	**Left**	HB45	12.00	0.00	4.50	4.01	8.51	18.000	**OK**	0.751	0.912	2.495	2.218		2.022
	Grade		2136+75.00	HB45	1591.41	59.47	-2.00%	0.00	1592.60	0.00	-2.00%	0.00	1592.60	HB45	0.0050	2.8732	0.0000	1.968	1.995	**Left**	HB45	12.00	0.00	4.50	3.95	8.45	18.000	**OK**	0.746	0.902	2.484	2.212		1.995
	Grade		2136+80.00	HB45	1591.44	59.49	-2.00%	0.00	1592.63	0.00	-2.00%	0.00	1592.63	HB45	0.0050	2.8663	0.0000	1.940	1.968	**Left**	HB45	12.00	0.00	4.50	3.89	8.39	18.000	**OK**	0.740	0.892	2.473	2.206		1.968
	Grade		2136+85.00	HB45	1591.46	59.50	-2.00%	0.00	1592.65	0.00	-2.00%	0.00	1592.65	HB45	0.0050	2.8595	0.0000	1.913	1.940	**Left**	HB45	12.00	0.00	4.50	3.83	8.33	18.000	**OK**	0.735	0.882	2.461	2.200		1.940
	Grade		2136+90.00	HB45	1591.48	59.52	-2.00%	0.00	1592.68	0.00	-2.00%	0.00	1592.68	HB45	0.0050	2.8527	0.0000	1.886	1.913	**Left**	HB45	12.00	0.00	4.50	3.77	8.27	18.000	**OK**	0.730	0.872	2.450	2.194		1.913
	Grade		2136+95.00	HB45	1591.51	59.54	-2.00%	0.00	1592.70	0.00	-2.00%	0.00	1592.70	HB45	0.0050	2.8459	0.0000	1.858	1.886	**Left**	HB45	12.00	0.00	4.50	3.71	8.21	18.000	**OK**	0.724	0.862	2.438	2.188		1.886
	Grade		2137+00.00	HB45	1591.53	59.55	-2.00%	0.00	1592.73	0.00	-2.00%	0.00	1592.73	HB45	0.0050	2.8390	0.0000	1.831	1.858	**Left**	HB45	12.00	0.00	4.50	3.65	8.15	18.000	**OK**	0.719	0.852	2.426	2.182		1.858
	Grade		2137+05.00	HB45	1591.56	59.57	-2.00%	0.00	1592.75	0.00	-2.00%	0.00	1592.75	HB45	0.0050	2.8322	0.0000	1.804	1.831	**Left**	HB45	12.00	0.00	4.50	3.59	8.09	18.000	**OK**	0.713	0.842	2.414	2.175		1.831
	Grade		2137+10.00	HB45	1591.58	59.58	-2.00%	0.00	1592.78	0.00	-2.00%	0.00	1592.78	HB45	0.0050	2.8253	0.0000	1.776	1.804	**Left**	HB45	12.00	0.00	4.50	3.53	8.03	18.000	**OK**	0.707	0.832	2.402	2.169		1.804
	Grade		2137+15.00	HB45	1591.61	59.60	-2.00%	0.00	1592.80	0.00	-2.00%	0.00	1592.80	HB45	0.0050	2.8185	0.0000	1.749	1.776	**Left**	HB45	12.00	0.00	4.50	3.46	7.96	18.000	**OK**	0.702	0.821	2.389	2.163		1.776
	Grade		2137+20.00	HB45	1591.63	59.61	-2.00%	0.00	1592.83	0.00	-2.00%	0.00	1592.83	HB45	0.0050	2.8117	0.0000	1.722	1.749	**Left**	HB45	12.00	0.00	4.50	3.40	7.90	18.000	**OK**	0.696	0.811	2.377	2.156		1.749
	Grade		2137+25.00	HB45	1591.66	59.63	-2.00%	0.00	1592.85	0.00	-2.00%	0.00	1592.85	HB45	0.0050	2.8048	0.0000	1.694	1.722	**Left**	HB45	12.00	0.00	4.50	3.33	7.83	18.000	**OK**	0.690	0.801	2.364	2.149		1.722
	Grade		2137+30.00	HB45	1591.68	59.65	-2.00%	0.00	1592.88	0.00	-2.00%	0.00	1592.88	HB45	0.0050	2.7980	0.0000	1.667	1.694	**Left**	HB45	12.00	0.00	4.50	3.27	7.77	18.000	**OK**	0.684	0.791	2.351	2.142		1.694
	Grade		2137+35.00	HB45	1591.71	59.66	-2.00%	0.00	1592.90	0.00	-2.00%	0.00	1592.90	HB45	0.0050	2.7911	0.0000	1.640	1.667	**Left**	HB45	12.00	0.00	4.50	3.20	7.70	18.000	**OK**	0.678	0.781	2.338	2.135		1.667
	Grade		2137+40.00	HB45	1591.73	59.68	-2.00%	0.00	1592.93	0.00	-2.00%	0.00	1592.93	HB45	0.0050	2.7843	0.0000	1.612	1.640	**Left**	HB45	12.00	0.00	4.50	3.13	7.63	18.000	**OK**	0.672	0.770	2.325	2.128		1.640
	Grade		2137+45.00	HB45	1591.76	59.69	-2.00%	0.00	1592.95	0.00	-2.00%	0.00	1592.95	HB45	0.0050	2.7774	0.0000	1.585	1.612	**Left**	HB45	12.00	0.00	4.50	3.07	7.57	18.000	**OK**	0.666	0.760	2.312	2.121		1.612
	Grade		2137+50.00	HB45	1591.78	59.71	-2.00%	0.00	1592.98	0.00	-2.00%	0.00	1592.98	HB45	0.0050	2.7706	0.0000	1.557	1.585	**Left**	HB45	12.00	0.00	4.50	3.00	7.50	18.000	**OK**	0.660	0.750	2.298	2.114		1.585
	Grade		2137+55.00	HB45	1591.81	59.72	-2.00%	0.00	1593.00	0.00	-2.00%	0.00	1593.00	HB45	0.0050	2.7637	0.0000	1.530	1.558	**Left**	HB45	12.00	0.00	4.50	2.93	7.43	18.000	**OK**	0.654	0.740	2.285	2.106		1.558
	Grade		2137+60.00	HB45	1591.83	59.74	-2.00%	0.00	1593.03	0.00	-2.00%	0.00	1593.03	HB45	0.0050	2.7569	0.0000	1.503	1.530	**Left**	HB45	12.00	0.00	4.50	2.86	7.36	18.000	**OK**	0.647	0.729	2.271	2.098		1.530
	Grade		2137+65.00	HB45	1591.85	59.75	-2.00%	0.00	1593.05	0.00	-2.00%	0.00	1593.05	HB45	0.0050	2.7500	0.0000	1.475	1.503	**Left**	HB45	12.00	0.00	4.50	2.79	7.29	18.000	**OK**	0.641	0.719	2.257	2.091		1.503
	Grade		2137+70.00	HB45	1591.88	59.77	-2.00%	0.00	1593.08	0.00	-2.00%	0.00	1593.08	HB45	0.0050	2.7432	0.0000	1.448	1.475	**Left**	HB45	12.00	0.00	4.50	2.72	7.22	18.000	**OK**	0.635	0.708	2.242	2.083		1.475
	Grade		2137+75.00	HB45	1591.90	59.79	-2.00%	0.00	1593.10	0.00	-2.00%	0.00	1593.10	HB45	0.0050	2.7363	0.0000	1.420	1.448	**Left**	HB45	12.00	0.00	4.50	2.64	7.14	18.000	**OK**	0.628	0.698	2.228	2.074		1.448
	Grade		2137+80.00	HB45	1591.93	59.80	-2.00%	0.00	1593.13	0.00	-2.00%	0.00	1593.13	HB45	0.0050	2.7295	0.0000	1.393	1.421	**Left**	HB45	12.00	0.00	4.50	2.57	7.07	18.000	**OK**	0.621	0.688	2.213	2.066		1.421
	Grade		2137+85.00	HB45	1591.95	59.82	-2.00%	0.00	1593.15	0.00	-2.00%	0.00	1593.15	HB45	0.0050	2.7226	0.0000	1.366	1.393	**Left**	HB45	12.00	0.00	4.50	2.50	7.00	18.000	**OK**	0.615	0.677	2.198	2.057		1.393
	Grade		2137+90.00	HB45	1591.98	59.83	-2.00%	0.00	1593.18	0.00	-2.00%	0.00	1593.18	HB45	0.0050	2.7157	0.0000	1.338	1.366	**Left**	HB45	12.00	0.00	4.50	2.42	6.92	18.000	**OK**	0.608	0.667	2.183	2.049		1.366
	Grade		2137+95.00	HB45	1592.00	59.85	-2.00%	0.00	1593.20	0.00	-2.00%	0.00	1593.20	HB45	0.0050	2.7089	0.0000	1.311	1.338	**Left**	HB45	12.00	0.00	4.50	2.35	6.85	18.000	**OK**	0.601	0.656	2.167	2.040		1.338
	Grade		2138+00.00	HB45	1592.03	59.86	-2.00%	0.00	1593.23	0.00	-2.00%	0.00	1593.23	HB45	0.0050	2.7020	0.0000	1.283	1.311	**Left**	HB45	12.00	0.00	4.50	2.27	6.77	18.000	**OK**	0.594	0.646	2.152	2.030		1.311
	Grade		2138+05.00	HB45	1592.05	59.88	-2.00%	0.00	1593.25	0.00	-2.00%	0.00	1593.25	HB45	0.0050	2.6951	0.0000	1.256	1.283	**Left**	HB45	12.00	0.00	4.50	2.19	6.69	18.000	**OK**	0.587	0.635	2.136	2.021		1.283
	Grade		2138+10.00	HB45	1592.08	59.89	-2.00%	0.00	1593.28	0.00	-2.00%	0.00	1593.28	HB45	0.0050	2.6882	0.0000	1.228	1.256	**Left**	HB45	12.00	0.00	4.50	2.11	6.61	18.000	**OK**	0.580	0.624	2.119	2.011		1.256
	Grade		2138+15.00	HB45	1592.10	59.91	-2.00%	0.00	1593.30	0.00	-2.00%	0.00	1593.30	HB45	0.0050	2.6814	0.0000	1.201	1.228	**Left**	HB45	12.00	0.00	4.50	2.03	6.53	18.000	**OK**	0.573	0.614	2.103	2.001		1.228
	Grade		2138+20.00	HB45	1592.13	59.93	-2.00%	0.00	1593.33	0.00	-2.00%	0.00	1593.33	HB45	0.0050	2.6745	0.0000	1.173	1.201	**Left**	HB45	12.00	0.00	4.50	1.95	6.45	18.000	**OK**	0.565	0.603	2.086	1.991		1.201
	Grade		2138+25.00	HB45	1592.15	59.94	-2.00%	0.00	1593.35	0.00	-2.00%	0.00	1593.35	HB45	0.0050	2.6676	0.0000	1.146	1.173	**Left**	HB45	12.00	0.00	4.50	1.86	6.36	18.000	**OK**	0.558	0.593	2.069	1.980		1.173
	Grade		2138+30.00	HB45	1592.18	59.96	-2.00%	0.00	1593.38	0.00	-2.00%	0.00	1593.38	HB45	0.0050	2.6607	0.0000	1.118	1.146	**Left**	HB45	12.00	0.00	4.50	1.78	6.28	18.000	**OK**	0.550	0.582	2.052	1.969		1.146
	Grade		2138+35.00	HB45	1592.20	59.97	-2.00%	0.00	1593.40	0.00	-2.00%	0.00	1593.40	HB45	0.0050	2.6539	0.0000	1.091	1.118	**Left**	HB45	12.00	0.00	4.50	1.70	6.20	18.000	**OK**	0.543	0.571	2.034	1.958		1.118
	Grade		2138+40.00	HB45	1592.23	59.99	-2.00%	0.00	1593.43	0.00	-2.00%	0.00	1593.43	HB45	0.0050	2.6470	0.0000	1.063	1.091	**Left**	HB45	12.00	0.00	4.50	1.61	6.11	18.000	**OK**	0.535	0.561	2.016	1.946		1.091
	Grade		2138+45.00	HB45	1592.25	60.00	-2.00%	0.00	1593.45	0.00	-2.00%	0.00	1593.45	HB45	0.0050	2.6401	0.0000	1.036	1.063	**Left**	HB45	12.00	0.00	4.50	1.52	6.02	18.000	**OK**	0.527	0.550	1.997	1.934		1.063
	Grade		2138+50.00	HB45	1592.27	60.02	-2.00%	0.00	1593.48	0.00	-2.00%	0.00	1593.48	HB45	0.0050	2.6332	0.0000	1.008	1.036	**Left**	HB45	12.00	0.00	4.50	1.43	5.93	18.000	**OK**	0.519	0.539	1.979	1.921		1.036
	Grade		2138+55.00	HB45	1592.30	60.03	-2.00%	0.00	1593.50	0.00	-2.00%	0.00	1593.50	HB45	0.0050	2.6263	0.0000	0.981	1.008	**Left**	HB45	12.00	0.00	4.50	1.34	5.84	18.000	**OK**	0.511	0.529	1.960	1.908		1.008
	Grade		2138+60.00	HB45	1592.32	60.05	-2.00%	0.00	1593.53	0.00	-2.00%	0.00	1593.53	HB45	0.0050	2.6194	0.0000	0.953	0.981	**Left**	HB45	12.00	0.00	4.50	1.25	5.75	18.000	**OK**	0.502	0.518	1.940	1.894		0.981
	Grade		2138+65.00	HB45	1592.35	60.07	-2.00%	0.00	1593.55	0.00	-2.00%	0.00	1593.55	HB45	0.0050	2.6125	0.0000	0.926	0.953	**Left**	HB45	12.00	0.00	4.50	1.15	5.65	18.000	**OK**	0.494	0.507	1.920	1.880		0.953
	Grade		2138+70.00	HB45	1592.37	60.08	-2.00%	0.00	1593.58	0.00	-2.00%	0.00	1593.58	HB45	0.0050	2.6056	0.0000	0.898	0.926	**Left**	HB45	12.00	0.00	4.50	1.06	5.56	18.000	**OK**	0.485	0.496	1.900	1.865		0.926
	Grade		2138+75.00	HB45	1592.40	60.10	-2.00%	0.00	1593.60	0.00	-2.00%	0.00	1593.60	HB45	0.0050	2.5987	0.0000	0.871	0.898	**Left**	HB45	12.00	0.00	4.50	0.96	5.46	18.000	**OK**	0.476	0.486	1.879	1.850		0.898
	Grade		2138+80.00	HB45	1592.42	60.11	-2.00%	0.00	1593.63	0.00	-2.00%	0.00	1593.63	HB45	0.0050	2.5918	0.0000	0.843	0.871	**Left**	HB45	12.00	0.00	4.50	0.86	5.36	18.000	**OK**	0.467	0.475	1.858	1.834		0.871
	Grade		2138+85.00	HB45	1592.45	60.13	-2.00%	0.00	1593.65	0.00	-2.00%	0.00	1593.65	HB45	0.0050	2.5849	0.0000	0.815	0.843	**Left**	HB45	12.00	0.00	4.50	0.76	5.26	18.000	**OK**	0.458	0.464	1.836	1.817		0.843
	Grade		2138+90.00	HB45	1592.47	60.14	-2.00%	0.00	1593.68	0.00	-2.00%	0.00	1593.68	HB45	0.0050	2.5780	0.0000	0.788	0.815	**Left**	HB45	12.00	0.00	4.50	0.66	5.16	18.000	**OK**	0.449	0.453	1.813	1.799		0.815
	Grade		2138+95.00	HB45	1592.50	60.16	-2.00%	0.00	1593.70	0.00	-2.00%	0.00	1593.70	HB45	0.0050	2.5711	0.0000	0.760	0.788	**Left**	HB45	12.00	0.00	4.50	0.55	5.05	18.000	**OK**	0.440	0.443	1.791	1.780		0.788
	Grade		2139+00.00	HB45	1592.52	60.18	-2.00%	0.00	1593.73	0.00	-2.00%	0.00	1593.73	HB45	0.0050	2.5642	0.0000	0.732	0.760	**Left**	HB45	12.00	0.00	4.50	0.44	4.94	18.000	**OK**	0.430	0.432	1.767	1.760		0.760
	Grade		2139+05.00	HB45	1592.55	60.19	-2.00%	0.00	1593.75	0.00	-2.00%	0.00	1593.75	HB45	0.0050	2.5573	0.0000	0.705	0.732	**Left**	HB45	12.00	0.00	4.50	0.33	4.83	18.000	**OK**	0.420	0.421	1.744	1.739		0.732
	Grade		2139+10.00	HB45	1592.57	60.21	-2.00%	0.00	1593.78	0.00	-2.00%	0.00	1593.78	HB45	0.0050	2.5504	0.0000	0.677	0.705	**Left**	HB45	12.00	0.00	4.50	0.22	4.72	18.000	**OK**	0.410	0.410	1.719	1.717		0.705
	Grade		2139+15.00	HB45	1592.60	60.22	-2.00%	0.00	1593.80	0.00	-2.00%	0.00	1593.80	HB45	0.0050	2.5435	0.0000	0.649	0.677	**Left**	HB45	12.00	0.00	4.50	0.11	4.61	18.000	**OK**	0.400	0.400	1.694	1.694		0.677
	Grade		2139+20.00	HB45	1592.62	60.24	-2.00%	0.00	1593.83	0.00	-2.00%	0.00	1593.83	HB45	0.0050	2.5366	0.0000	0.622	0.649	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.389	0.389	1.669	1.669		0.649

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	Total T (ft)	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2139+25.00	HB45	1592.64	60.25	-2.00%	0.00	1593.85	0.00	-2.00%	0.00	1593.85	HB45	0.0050	2.5297	0.0000	0.594	0.622	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.378	0.378	1.642	1.642		0.622
	Grade		2139+30.00	HB45	1592.67	60.27	-2.00%	0.00	1593.88	0.00	-2.00%	0.00	1593.88	HB45	0.0050	2.5228	0.0000	0.566	0.594	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.368	0.368	1.616	1.616		0.594
	Grade		2139+35.00	HB45	1592.69	60.28	-2.00%	0.00	1593.90	0.00	-2.00%	0.00	1593.90	HB45	0.0050	2.5159	0.0000	0.538	0.566	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.356	0.356	1.588	1.588		0.566
	Grade		2139+40.00	HB45	1592.72	60.30	-2.00%	0.00	1593.93	0.00	-2.00%	0.00	1593.93	HB45	0.0050	2.5089	0.0000	0.511	0.538	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.345	0.345	1.560	1.560		0.538
	Grade		2139+45.00	HB45	1592.74	60.32	-2.00%	0.00	1593.95	0.00	-2.00%	0.00	1593.95	HB45	0.0050	2.5020	0.0000	0.483	0.511	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.333	0.333	1.532	1.532		0.511
	Grade	3	2139+50.00	HB45	1592.77	60.33	-2.00%	0.00	1593.98	0.00	-2.00%	0.00	1593.98	HB45	0.0050	2.4951	0.0000	3.150	3.177	**Left**	HB45	12.00	0.00	4.50	6.13	10.63	18.000	**OK**	0.942	1.317	2.887	2.412	3	3.177
	Grade		2139+55.00	HB45	1592.79	60.35	-2.00%	0.00	1594.00	0.00	-2.00%	0.00	1594.00	HB45	0.0050	2.4882	0.0000	3.122	3.150	**Left**	HB45	12.00	0.00	4.50	6.08	10.58	18.000	**OK**	0.938	1.308	2.879	2.408		3.150
	Grade		2139+60.00	HB45	1592.82	60.36	-2.00%	0.00	1594.03	0.00	-2.00%	0.00	1594.03	HB45	0.0050	2.4812	0.0000	3.094	3.122	**Left**	HB45	12.00	0.00	4.50	6.04	10.54	18.000	**OK**	0.934	1.298	2.871	2.404		3.122
	Grade		2139+65.00	HB45	1592.84	60.38	-2.00%	0.00	1594.05	0.00	-2.00%	0.00	1594.05	HB45	0.0050	2.4743	0.0000	3.066	3.094	**Left**	HB45	12.00	0.00	4.50	5.99	10.49	18.000	**OK**	0.930	1.289	2.863	2.401		3.094
	Grade		2139+70.00	HB45	1592.87	60.39	-2.00%	0.00	1594.08	0.00	-2.00%	0.00	1594.08	HB45	0.0050	2.4674	0.0000	3.039	3.066	**Left**	HB45	12.00	0.00	4.50	5.95	10.45	18.000	**OK**	0.926	1.280	2.855	2.397		3.066
	Grade		2139+75.00	HB45	1592.89	60.41	-2.00%	0.00	1594.10	0.00	-2.00%	0.00	1594.10	HB45	0.0050	2.4605	0.0000	3.011	3.039	**Left**	HB45	12.00	0.00	4.50	5.90	10.40	18.000	**OK**	0.921	1.270	2.847	2.393		3.039
	Grade		2139+80.00	HB45	1592.92	60.42	-2.00%	0.00	1594.13	0.00	-2.00%	0.00	1594.13	HB45	0.0050	2.4535	0.0000	2.983	3.011	**Left**	HB45	12.00	0.00	4.50	5.86	10.36	18.000	**OK**	0.917	1.261	2.839	2.389		3.011
	Grade		2139+85.00	HB45	1592.94	60.44	-2.00%	0.00	1594.15	0.00	-2.00%	0.00	1594.15	HB45	0.0050	2.4466	0.0000	2.955	2.983	**Left**	HB45	12.00	0.00	4.50	5.81	10.31	18.000	**OK**	0.913	1.251	2.830	2.384		2.983
	Grade		2139+90.00	HB45	1592.97	60.46	-2.00%	0.00	1594.18	0.00	-2.00%	0.00	1594.18	HB45	0.0050	2.4397	0.0000	2.928	2.955	**Left**	HB45	12.00	0.00	4.50	5.77	10.27	18.000	**OK**	0.909	1.242	2.822	2.380		2.955
	Grade		2139+95.00	HB45	1592.99	60.47	-2.00%	0.00	1594.20	0.00	-2.00%	0.00	1594.20	HB45	0.0050	2.4327	0.0000	2.900	2.928	**Left**	HB45	12.00	0.00	4.50	5.72	10.22	18.000	**OK**	0.905	1.232	2.814	2.376		2.928
	Grade		2140+00.00	HB45	1593.02	60.49	-2.00%	0.00	1594.23	0.00	-2.00%	0.00	1594.23	HB45	0.0050	2.4258	0.0000	2.872	2.900	**Left**	HB45	12.00	0.00	4.50	5.67	10.17	18.000	**OK**	0.901	1.222	2.805	2.372		2.900
	Grade		2140+05.00	HB45	1593.04	60.50	-2.00%	0.00	1594.25	0.00	-2.00%	0.00	1594.25	HB45	0.0050	2.4188	0.0000	2.844	2.872	**Left**	HB45	12.00	0.00	4.50	5.63	10.13	18.000	**OK**	0.896	1.213	2.797	2.368		2.872
	Grade		2140+10.00	HB45	1593.06	60.52	-2.00%	0.00	1594.28	0.00	-2.00%	0.00	1594.28	HB45	0.0050	2.4119	0.0000	2.816	2.844	**Left**	HB45	12.00	0.00	4.50	5.58	10.08	18.000	**OK**	0.892	1.203	2.788	2.364		2.844
	Grade		2140+15.00	HB45	1593.09	60.53	-2.00%	0.00	1594.30	0.00	-2.00%	0.00	1594.30	HB45	0.0050	2.4049	0.0000	2.788	2.816	**Left**	HB45	12.00	0.00	4.50	5.53	10.03	18.000	**OK**	0.888	1.194	2.779	2.359		2.816
	Grade		2140+20.00	HB45	1593.11	60.55	-2.00%	0.00	1594.33	0.00	-2.00%	0.00	1594.33	HB45	0.0050	2.3980	0.0000	2.761	2.788	**Left**	HB45	12.00	0.00	4.50	5.48	9.98	18.000	**OK**	0.883	1.184	2.770	2.355		2.788
	Grade		2140+25.00	HB45	1593.14	60.56	-2.00%	0.00	1594.35	0.00	-2.00%	0.00	1594.35	HB45	0.0050	2.3910	0.0000	2.733	2.761	**Left**	HB45	12.00	0.00	4.50	5.43	9.93	18.000	**OK**	0.879	1.174	2.762	2.351		2.761
	Grade		2140+30.00	HB45	1593.16	60.58	-2.00%	0.00	1594.38	0.00	-2.00%	0.00	1594.38	HB45	0.0050	2.3841	0.0000	2.705	2.733	**Left**	HB45	12.00	0.00	4.50	5.39	9.89	18.000	**OK**	0.875	1.165	2.753	2.346		2.733
	Grade		2140+35.00	HB45	1593.19	60.60	-2.00%	0.00	1594.40	0.00	-2.00%	0.00	1594.40	HB45	0.0050	2.3771	0.0000	2.677	2.705	**Left**	HB45	12.00	0.00	4.50	5.34	9.84	18.000	**OK**	0.870	1.155	2.744	2.342		2.705
	Grade		2140+40.00	HB45	1593.21	60.61	-2.00%	0.00	1594.43	0.00	-2.00%	0.00	1594.43	HB45	0.0050	2.3702	0.0000	2.649	2.677	**Left**	HB45	12.00	0.00	4.50	5.29	9.79	18.000	**OK**	0.866	1.145	2.735	2.337		2.677
	Grade		2140+45.00	HB45	1593.24	60.63	-2.00%	0.00	1594.45	0.00	-2.00%	0.00	1594.45	HB45	0.0050	2.3632	0.0000	2.621	2.649	**Left**	HB45	12.00	0.00	4.50	5.24	9.74	18.000	**OK**	0.861	1.136	2.725	2.333		2.649
	Grade		2140+50.00	HB45	1593.26	60.64	-2.00%	0.00	1594.48	0.00	-2.00%	0.00	1594.48	HB45	0.0050	2.3563	0.0000	2.593	2.621	**Left**	HB45	12.00	0.00	4.50	5.19	9.69	18.000	**OK**	0.857	1.126	2.716	2.328		2.621
	Grade		2140+55.00	HB45	1593.29	60.66	-2.00%	0.00	1594.50	0.00	-2.00%	0.00	1594.50	HB45	0.0050	2.3493	0.0000	2.566	2.593	**Left**	HB45	12.00	0.00	4.50	5.14	9.64	18.000	**OK**	0.852	1.116	2.707	2.324		2.593
	Grade		2140+60.00	HB45	1593.31	60.67	-2.00%	0.00	1594.53	0.00	-2.00%	0.00	1594.53	HB45	0.0050	2.3424	0.0000	2.538	2.566	**Left**	HB45	12.00	0.00	4.50	5.09	9.59	18.000	**OK**	0.848	1.106	2.697	2.319		2.566
	Grade		2140+65.00	HB45	1593.34	60.69	-2.00%	0.00	1594.55	0.00	-2.00%	0.00	1594.55	HB45	0.0050	2.3354	0.0000	2.510	2.538	**Left**	HB45	12.00	0.00	4.50	5.03	9.53	18.000	**OK**	0.843	1.097	2.688	2.314		2.538
	Grade		2140+70.00	HB45	1593.36	60.70	-2.00%	0.00	1594.58	0.00	-2.00%	0.00	1594.58	HB45	0.0050	2.3284	0.0000	2.482	2.510	**Left**	HB45	12.00	0.00	4.50	4.98	9.48	18.000	**OK**	0.838	1.087	2.678	2.310		2.510
	Grade		2140+75.00	HB45	1593.39	60.72	-2.00%	0.00	1594.60	0.00	-2.00%	0.00	1594.60	HB45	0.0050	2.3215	0.0000	2.454	2.482	**Left**	HB45	12.00	0.00	4.50	4.93	9.43	18.000	**OK**	0.834	1.077	2.669	2.305		2.482
	Grade		2140+80.00	HB45	1593.41	60.74	-2.00%	0.00	1594.63	0.00	-2.00%	0.00	1594.63	HB45	0.0050	2.3145	0.0000	2.426	2.454	**Left**	HB45	12.00	0.00	4.50	4.88	9.38	18.000	**OK**	0.829	1.067	2.659	2.300		2.454
	Grade		2140+85.00	HB45	1593.43	60.75	-2.00%	0.00	1594.65	0.00	-2.00%	0.00	1594.65	HB45	0.0050	2.3075	0.0000	2.398	2.426	**Left**	HB45	12.00	0.00	4.50	4.82	9.32	18.000	**OK**	0.824	1.057	2.649	2.295		2.426
	Grade		2140+90.00	HB45	1593.46	60.77	-2.00%	0.00	1594.68	0.00	-2.00%	0.00	1594.68	HB45	0.0050	2.3005	0.0000	2.370	2.398	**Left**	HB45	12.00	0.00	4.50	4.77	9.27	18.000	**OK**	0.819	1.047	2.639	2.290		2.398
	Grade		2140+95.00	HB45	1593.48	60.78	-2.00%	0.00	1594.70	0.00	-2.00%	0.00	1594.70	HB45	0.0050	2.2936	0.0000	2.342	2.370	**Left**	HB45	12.00	0.00	4.50	4.72	9.22	18.000	**OK**	0.815	1.037	2.629	2.285		2.370
	Grade		2141+00.00	HB45	1593.51	60.80	-2.00%	0.00	1594.73	0.00	-2.00%	0.00	1594.73	HB45	0.0050	2.2866	0.0000	2.314	2.342	**Left**	HB45	12.00	0.00	4.50	4.66	9.16	18.000	**OK**	0.810	1.027	2.619	2.280		2.342
	Grade		2141+05.00	HB45	1593.53	60.81	-2.00%	0.00	1594.75	0.00	-2.00%	0.00	1594.75	HB45	0.0050	2.2796	0.0000	2.286	2.314	**Left**	HB45	12.00	0.00	4.50	4.61	9.11	18.000	**OK**	0.805	1.017	2.609	2.275		2.314
	Grade		2141+10.00	HB45	1593.56	60.83	-2.00%	0.00	1594.78	0.00	-2.00%	0.00	1594.78	HB45	0.0050	2.2726	0.0000	2.258	2.286	**Left**	HB45	12.00	0.00	4.50	4.55	9.05	18.000	**OK**	0.800	1.007	2.598	2.270		2.286
	Grade		2141+15.00	HB45	1593.58	60.85	-2.00%	0.00	1594.80	0.00	-2.00%	0.00	1594.80	HB45	0.0050	2.2657	0.0000	2.230	2.258	**Left**	HB45	12.00	0.00	4.50	4.50	9.00	18.000	**OK**	0.795	0.997	2.588	2.264		2.258
	Grade		2141+20.00	HB45	1593.61	60.86	-2.00%	0.00	1594.83	0.00	-2.00%	0.00	1594.83	HB45	0.0050	2.2587	0.0000	2.202	2.230	**Left**	HB45	12.00	0.00	4.50	4.44	8.94	18.000	**OK**	0.790	0.987	2.577	2.259		2.230
	Grade		2141+25.00	HB45	1593.63	60.88	-2.00%	0.00	1594.85	0.00	-2.00%	0.00	1594.85	HB45	0.0050	2.2517	0.0000	2.174	2.202	**Left**	HB45	12.00	0.00	4.50	4.39	8.89	18.000	**OK**	0.785	0.977	2.567	2.254		2.202
	Grade		2141+30.00	HB45	1593.66	60.89	-2.00%	0.00	1594.88	0.00	-2.00%	0.00	1594.88	HB45	0.0050	2.2447	0.0000	2.146	2.174	**Left**	HB45	12.00	0.00	4.50	4.33	8.83	18.000	**OK**	0.780	0.967	2.556	2.248		2.174
	Grade		2141+35.00	HB45	1593.68	60.91	-2.00%	0.00	1594.90	0.00	-2.00%	0.00	1594.90	HB45	0.0050	2.2377	0.0000	2.118	2.146	**Left**	HB45	12.00	0.00	4.50	4.27	8.77	18.000	**OK**	0.775	0.957	2.545	2.243		2.146
	Grade		2141+40.00	HB45	1593.71	60.92	-2.00%	0.00	1594.93	0.00	-2.00%	0.00	1594.93	HB45	0.0050	2.2307	0.0000	2.090	2.118	**Left**	HB45	12.00	0.00	4.50	4.21	8.71	18.000	**OK**	0.769	0.947	2.534	2.237		2.118
	Grade		2141+45.00	HB45	1593.73	60.94	-2.00%	0.00	1594.95	0.00	-2.00%	0.00	1594.95	HB45	0.0050	2.2237	0.0000	2.062	2.090	**Left**	HB45	12.00	0.00	4.50	4.16	8.66	18.000	**OK**	0.764	0.937	2.523	2.232		2.090
	Grade		2141+50.00	HB45	1593.76	60.95	-2.00%	0.00	1594.98	0.00	-2.00%	0.00	1594.98	HB45	0.0050	2.2167	0.0000	2.034	2.062	**Left**	HB45	12.00	0.00	4.50	4.10	8.60	18.000	**OK**	0.759	0.927	2.512	2.226		2.062
	Grade		2141+55.00	HB45	1593.78	60.97	-2.00%	0.00	1595.00	0.00	-2.00%	0.00	1595.00	HB45	0.0050	2.2097	0.0000	2.006	2.034	**Left**	HB45	12.00	0.00	4.50	4.04	8.54	18.000	**OK**	0.753	0.916	2.500	2.220		2.034
	Grade		2141+60.00	HB45	1593.81	60.99	-2.00%	0.00	1595.03	0.00	-2.00%	0.00	1595.03	HB45	0.0050	2.2027	0.0000	1.978	2.006	**Left**	HB45	12.00	0.00	4.50	3.98	8.48	18.000	**OK**	0.748	0.906	2.489	2.214		2.006
	Grade		2141+65.00	HB45	1593.83	61.00	-2.00%	0.00	1595.05	0.00	-2.00%	0.00	1595.05	HB45	0.0050	2.1957	0.0000	1.950	1.978	**Left**	HB45	12.00	0.00	4.50	3.92	8.42	18.000	**OK**	0.743	0.896	2.477	2.208		1.978
	Grade		2141+70.00	HB45	1593.85	61.02	-2.00%	0.00	1595.08	0.00	-2.00%	0.00	1595.08	HB45	0.0050	2.1887	0.0000	1.922	1.950	**Left**	HB45	12.00	0.00	4.50	3.86	8.36	18.000	**OK**	0.737	0.886	2.465	2.202		1.950
	Grade		2141+75.00	HB45	1593.88	61.03	-2.00%	0.00	1595.10	0.00	-2.00%	0.00	1595.10	HB45	0.0050	2.1817	0.0000	1.894	1.922	**Left**	HB45	12.00	0.00	4.50	3.79	8.29	18.000	**OK**	0.731	0.875	2.454	2.196		1.922
	Grade		2141+80.00	HB45	1593.90	61.05	-2.00%	0.00	1595.13	0.00	-2.00%	0.00	1595.13	HB45	0.0050	2.1747	0.0000	1.866	1.894	**Left**	HB45	12.00	0.00	4.50	3.73	8.23	18.000	**OK**	0.726	0.865	2.442	2.190		1.894
	Grade		2141+85.00	HB45	1593.93	61.06	-2.00%	0.00	1595.15	0.00	-2.00%	0.00	1595.15	HB45	0.0050	2.1677	0.0000	1.838	1.866	**Left**	HB45	12.00	0.00	4.50	3.67	8.17	18.000	**OK**	0.720	0.855	2.429	2.183		1.866
	Grade		2141+90.00	HB45	1593.95	61.08	-2.00%	0.00	1595.18	0.00	-2.00%	0.00	1595.18	HB45	0.0050	2.1607	0.0000	1.810	1.838	**Left**	HB45	12.00	0.00	4.50	3.60	8.10	18.000	**OK**	0.714	0.844	2.417	2.177		1.838
	Grade		2141+95.00	HB45	1593.98	61.09	-2.00%	0.00	1595.20	0.00	-2.00%	0.00	1595.20	HB45	0.0050	2.1537	0.0000	1.782	1.810	**Left**	HB45	12.00	0.00	4.50	3.54	8.04	18.000	**OK**	0.709	0.834	2.404	2.170		1.810
	Grade		2142+00.00	HB45	1594.00	61.11	-2.00%	0.00	1595.23	0.00	-2.00%	0.00	1595.23	HB45	0.0050	2.1467	0.0000	1.754	1.782	**Left**	HB45	12.00	0.00	4.50	3.47	7.97	18.000	**OK**	0.703	0.824	2.392	2.164		1.782
	Grade		2142+05.00	HB45	1594.02	61.28	-2.00%	0.00	1595.25	0.00	-2.00%	0.00	1595.25	HB45	0.0050	2.1397	0.0000	1.726	1.754	**Left**	HB45	12.00	0.00	4.50	3.41	7.91	18.000	**OK**	0.697	0.813	2.379	2.157		1.754
	Grade		2142+10.00	HB45	1594.05	61.45	-2.00%	0.00	1595.28	0.00	-2.00%	0.00	1595.28	HB45	0.0050	2.1327	0.0000	1.697	1.726	**Left**	HB45	12.00	0.00	4.50	3.34	7.84	18.000	**OK**	0.691	0.803	2.366	2.150		1.726
	Grade		2142+15.00	HB45	1594.07	61.62	-2.00%	0.00	1595.30	0.00	-2.00%	0.00	1595.30	HB45	0.0050	2.1256	0.0000	1.669	1.697	**Left**	HB45	12.00	0.00	4.50	3.28	7.78	18.000	**OK**	0.685	0.792	2.353	2.143		1.697
	Grade		2142+20.00	HB45	1594.09	61.79	-2.00%	0.00	1595.33	0.00	-2.00%	0.00	1595.33	HB45	0.0050	2.1186	0.0000	1.641	1.669	**Left**	HB45	12.00	0.00	4.50	3.21	7.71	18.000	**OK**	0.679	0.781	2.339	2.136		1.669
	Grade		2142+25.00	HB45	1594.11	61.95	-2.00%	0.00	1595.35	0.00	-2.00%	0.00	1595.35	HB45	0.0050	2.1115	0.0000	1.612	1.641	**Left**	HB45	12.00	0.00	4.50	3.14	7.64	18.000	**OK**	0.672	0.771	2.326	2.129		1.641
	Grade		2142+30.00	HB45	1594.13	62.12	-2.00%	0.00	1595.38	0.00	-2.00%	0.00	1595.38	HB45	0.0050	2.1044	0.0000	1.584	1.612	**Left**	HB45	12.00	0.00	4.50	3.07	7.57	18.000	**OK**	0.666	0.760	2.312	2.121		1.612
	Grade		2142+35.00	HB45	1594.15	62.29	-2.00%	0.00	1595.40	0.00	-2.00%	0.00	1595.40	HB45	0.0050	2.0972	0.0000	1.555	1.584	**Left**	HB45	12.00	0.00	4.50	3.00	7.50	18.000	**OK**	0.660	0.749	2.298	2.113		1.584
	Grade		2142+40.00	HB45	1594.18	62.46	-2.00%	0.00	1595.43	0.00	-2.00%	0.00	1595.43	HB45	0.0050	2.0901	0.0000	1.527	1.555	**Left**	HB45	12.00	0.00	4.50	2.92	7.42	18.000	**OK**	0.653	0.739	2.283	2.105		1.555
	Grade		2142+45.00	HB45	1594.20	62.63	-2.00%	0.00	1595.45	0.00	-2.00%	0.00	1595.45	HB45	0.0050	2.0829	0.0000	1.498	1.527	**Left**	HB45	12.00	0.00	4.50	2.85	7.35	18.000	**OK**	0.647	0.728	2.269	2.097		1.527
	Grade		2142+50.00	HB45	1594.22	62.80	-2.00%	0.00	1595.48	0.00	-2.00%	0.00	1595.48	HB45	0.0050	2.0758	0.0000	1.469	1.498	**Left**	HB45	12.00	0.00	4.50	2.78	7.28	18.000	**OK**	0.640	0.717	2.254	2.089		1.498
	Grade		2142+55.00	HB45	1594.24	62.97	-2.00%	0.00	1595.50	0.00	-2.00%	0.00	1595.50	HB45	0.0050	2.0686	0.0000	1.440	1.469	**Left**	HB45	12.00	0.00	4.50	2.70	7.20	18.000	**OK**	0.633	0.706	2.239	2.081		1.469
	Grade		2142+60.00	HB45	1594.26	63.14	-2.00%	0.00	1595.53	0.00	-2.00%	0.00	1595.53	HB45	0.0050	2.0614	0.0000	1.411	1.440	**Left**	HB45	12.00	0.00	4.50	2.62	7.12	18.000	**OK**	0.626	0.695	2.223	2.072		1.440
	Grade		2142+65.00	HB45	1594.28	63.31	-2.00%	0.00	1595.55	0.00	-2.00%	0.00	1595.55	HB45	0.0050	2.0541	0.0000	1.382	1.411	**Left**	HB45	12.00	0.00	4.50	2.55	7.05	18.000	**OK**	0.619	0.684	2.208	2.063		1.411
	Grade		2142+70.00	HB45	1594.31	63.47	-2.00%	0.00	1595.58	0.00	-2.00%	0.00	1595.58	HB45	0.0050	2.0469	0.0000	1.353	1.382	**Left**	HB45	12.00	0.00	4.50	2.47	6.97	18.000	**OK**	0.612	0.673	2.192	2.054		1.382
	Grade		2142+75.00	HB45	1594.33	63.64	-2.00%	0.00	1595.60	0.00	-2.00%	0.00	1595.60	HB45	0.0050	2.0396	0.0000	1.324	1.353	**Left**	HB45	12.00	0.00	4.50	2.39	6.89	18.000	**OK**	0.605	0.662	2.176	2.044		1.353

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2142+80.00	HB45	1594.35	63.81	-2.00%	0.00	1595.63	0.00	-2.00%	0.00	1595.63	HB45	0.0050	2.0323	0.0000	1.294	1.324	**Left**	HB45	12.00	0.00	4.50	2.30	6.80	18.000	**OK**	0.597	0.651	2.159	2.035		1.324
	Grade		2142+85.00	HB45	1594.37	63.98	-2.00%	0.00	1595.65	0.00	-2.00%	0.00	1595.65	HB45	0.0050	2.0250	0.0000	1.265	1.294	**Left**	HB45	12.00	0.00	4.50	2.22	6.72	18.000	**OK**	0.590	0.639	2.142	2.025		1.294
	Grade		2142+90.00	HB45	1594.39	64.15	-2.00%	0.00	1595.68	0.00	-2.00%	0.00	1595.68	HB45	0.0050	2.0176	0.0000	1.235	1.265	**Left**	HB45	12.00	0.00	4.50	2.14	6.64	18.000	**OK**	0.582	0.628	2.125	2.014		1.265
	Grade		2142+95.00	HB45	1594.41	64.32	-2.00%	0.00	1595.70	0.00	-2.00%	0.00	1595.70	HB45	0.0050	2.0103	0.0000	1.206	1.236	**Left**	HB45	12.00	0.00	4.50	2.05	6.55	18.000	**OK**	0.575	0.617	2.107	2.004		1.236
	Grade		2143+00.00	HB45	1594.44	64.49	-2.00%	0.00	1595.73	0.00	-2.00%	0.00	1595.73	HB45	0.0050	2.0029	0.0000	1.176	1.206	**Left**	HB45	12.00	0.00	4.50	1.96	6.46	18.000	**OK**	0.567	0.605	2.089	1.993		1.206
	Grade		2143+05.00	HB45	1594.46	64.66	-2.00%	0.00	1595.75	0.00	-2.00%	0.00	1595.75	HB45	0.0050	1.9955	0.0000	1.147	1.176	**Left**	HB45	12.00	0.00	4.50	1.87	6.37	18.000	**OK**	0.559	0.594	2.071	1.981		1.176
	Grade		2143+10.00	HB45	1594.48	64.83	-2.00%	0.00	1595.78	0.00	-2.00%	0.00	1595.78	HB45	0.0050	1.9881	0.0000	1.117	1.147	**Left**	HB45	12.00	0.00	4.50	1.78	6.28	18.000	**OK**	0.551	0.582	2.052	1.969		1.147
	Grade		2143+15.00	HB45	1594.50	64.99	-2.00%	0.00	1595.80	0.00	-2.00%	0.00	1595.80	HB45	0.0050	1.9807	0.0000	1.087	1.117	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.542	0.571	2.033	1.957		1.117
	Grade		2143+20.00	HB45	1594.52	65.16	-2.00%	0.00	1595.83	0.00	-2.00%	0.00	1595.83	HB45	0.0050	1.9732	0.0000	1.057	1.087	**Left**	HB45	12.00	0.00	4.50	1.60	6.10	18.000	**OK**	0.534	0.559	2.013	1.944		1.087
	Grade		2143+25.00	HB45	1594.54	65.33	-2.00%	0.00	1595.85	0.00	-2.00%	0.00	1595.85	HB45	0.0050	1.9658	0.0000	1.027	1.057	**Left**	HB45	12.00	0.00	4.50	1.50	6.00	18.000	**OK**	0.525	0.548	1.993	1.931		1.057
	Grade		2143+30.00	HB45	1594.56	65.50	-2.00%	0.00	1595.88	0.00	-2.00%	0.00	1595.88	HB45	0.0050	1.9583	0.0000	0.997	1.027	**Left**	HB45	12.00	0.00	4.50	1.40	5.90	18.000	**OK**	0.516	0.536	1.972	1.917		1.027
	Grade		2143+35.00	HB45	1594.59	65.67	-2.00%	0.00	1595.90	0.00	-2.00%	0.00	1595.90	HB45	0.0050	1.9508	0.0000	0.967	0.997	**Left**	HB45	12.00	0.00	4.50	1.30	5.80	18.000	**OK**	0.507	0.524	1.951	1.902		0.997
	Grade		2143+40.00	HB45	1594.61	65.84	-2.00%	0.00	1595.93	0.00	-2.00%	0.00	1595.93	HB45	0.0050	1.9432	0.0000	0.937	0.967	**Left**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.498	0.512	1.930	1.887		0.967
	Grade		2143+45.00	HB45	1594.63	66.01	-2.00%	0.00	1595.95	0.00	-2.00%	0.00	1595.95	HB45	0.0050	1.9357	0.0000	0.906	0.937	**Left**	HB45	12.00	0.00	4.50	1.10	5.60	18.000	**OK**	0.489	0.501	1.908	1.871		0.937
	Grade		2143+50.00	HB45	1594.65	66.18	-2.00%	0.00	1595.98	0.00	-2.00%	0.00	1595.98	HB45	0.0050	1.9281	0.0000	0.876	0.906	**Left**	HB45	12.00	0.00	4.50	0.99	5.49	18.000	**OK**	0.479	0.489	1.885	1.855		0.906
	Grade		2143+55.00	HB45	1594.67	66.35	-2.00%	0.00	1596.00	0.00	-2.00%	0.00	1596.00	HB45	0.0050	1.9205	0.0000	0.846	0.876	**Left**	HB45	12.00	0.00	4.50	0.88	5.38	18.000	**OK**	0.469	0.477	1.862	1.837		0.876
	Grade		2143+60.00	HB45	1594.69	66.51	-2.00%	0.00	1596.03	0.00	-2.00%	0.00	1596.03	HB45	0.0050	1.9129	0.0000	0.815	0.846	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.459	0.465	1.838	1.818		0.846
	Grade		2143+65.00	HB45	1594.72	66.68	-2.00%	0.00	1596.05	0.00	-2.00%	0.00	1596.05	HB45	0.0050	1.9053	0.0000	0.784	0.815	**Left**	HB45	12.00	0.00	4.50	0.65	5.15	18.000	**OK**	0.449	0.453	1.813	1.799		0.815
	Grade		2143+70.00	HB45	1594.74	66.85	-2.00%	0.00	1596.08	0.00	-2.00%	0.00	1596.08	HB45	0.0050	1.8976	0.0000	0.754	0.784	**Left**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.438	0.441	1.788	1.778		0.784
	Grade		2143+75.00	HB45	1594.76	67.02	-2.00%	0.00	1596.10	0.00	-2.00%	0.00	1596.10	HB45	0.0050	1.8900	0.0000	0.723	0.754	**Left**	HB45	12.00	0.00	4.50	0.42	4.92	18.000	**OK**	0.428	0.429	1.762	1.756		0.754
	Grade		2143+80.00	HB45	1594.78	67.19	-2.00%	0.00	1596.13	0.00	-2.00%	0.00	1596.13	HB45	0.0050	1.8823	0.0000	0.692	0.723	**Left**	HB45	12.00	0.00	4.50	0.29	4.79	18.000	**OK**	0.417	0.417	1.735	1.732		0.723
	Grade		2143+85.00	HB45	1594.80	67.36	-2.00%	0.00	1596.15	0.00	-2.00%	0.00	1596.15	HB45	0.0050	1.8746	0.0000	0.661	0.692	**Left**	HB45	12.00	0.00	4.50	0.17	4.67	18.000	**OK**	0.405	0.405	1.708	1.707		0.692
	Grade		2143+90.00	HB45	1594.82	67.53	-2.00%	0.00	1596.18	0.00	-2.00%	0.00	1596.18	HB45	0.0050	1.8669	0.0000	0.630	0.661	**Left**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.394	0.394	1.679	1.679		0.661
	Grade		2143+95.00	HB45	1594.85	67.70	-2.00%	0.00	1596.20	0.00	-2.00%	0.00	1596.20	HB45	0.0050	1.8591	0.0000	0.599	0.630	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	1.650	1.650		0.630
	Grade		2144+00.00	HB45	1594.87	67.87	-2.00%	0.00	1596.23	0.00	-2.00%	0.00	1596.23	HB45	0.0050	1.8514	0.0000	0.568	0.599	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.370	0.370	1.621	1.621		0.599
	Grade		2144+05.00	HB45	1594.89	68.03	-2.00%	0.00	1596.25	0.00	-2.00%	0.00	1596.25	HB45	0.0050	1.8436	0.0000	0.536	0.568	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.357	0.357	1.590	1.590		0.568
	Grade		2144+10.00	HB45	1594.91	68.20	-2.00%	0.00	1596.28	0.00	-2.00%	0.00	1596.28	HB45	0.0050	1.8358	0.0000	0.505	0.536	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.344	0.344	1.558	1.558		0.536
	Grade		2144+15.00	HB45	1594.93	68.37	-2.00%	0.00	1596.30	0.00	-2.00%	0.00	1596.30	HB45	0.0050	1.8280	0.0000	0.474	0.505	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.331	0.331	1.526	1.526		0.505
	Grade		2144+20.00	HB45	1594.95	68.54	-2.00%	0.00	1596.33	0.00	-2.00%	0.00	1596.33	HB45	0.0050	1.8201	0.0000	0.442	0.474	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.317	0.317	1.492	1.492		0.474
	Grade		2144+25.00	HB45	1594.98	68.71	-2.00%	0.00	1596.35	0.00	-2.00%	0.00	1596.35	HB45	0.0050	1.8123	0.0000	0.411	0.442	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.303	0.303	1.458	1.458		0.442
	Grade		2144+30.00	HB45	1595.00	68.88	-2.00%	0.00	1596.38	0.00	-2.00%	0.00	1596.38	HB45	0.0050	1.8044	0.0000	0.379	0.411	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.289	0.289	1.422	1.422		0.411
	Grade		2144+35.00	HB45	1595.02	69.05	-2.00%	0.00	1596.40	0.00	-2.00%	0.00	1596.40	HB45	0.0050	1.7965	0.0000	0.347	0.379	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.274	0.274	1.385	1.385		0.379
	Grade		2144+40.00	HB45	1595.04	69.22	-2.00%	0.00	1596.43	0.00	-2.00%	0.00	1596.43	HB45	0.0050	1.7886	0.0000	0.315	0.347	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.258	0.258	1.347	1.347		0.347
	Grade		2144+45.00	HB45	1595.06	69.39	-2.00%	0.00	1596.45	0.00	-2.00%	0.00	1596.45	HB45	0.0050	1.7807	0.0000	0.284	0.315	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.241	0.241	1.308	1.308		0.315
	Grade		2144+50.00	HB45	1595.08	69.56	-2.00%	0.00	1596.48	0.00	-2.00%	0.00	1596.48	HB45	0.0050	1.7727	0.0000	0.252	0.284	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.224	0.224	1.268	1.268		0.284
	Grade		2144+55.00	HB45	1595.11	69.72	-2.00%	0.00	1596.50	0.00	-2.00%	0.00	1596.50	HB45	0.0050	1.7647	0.0000	0.220	0.252	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.205	0.205	1.228	1.228		0.252
	Grade		2144+60.00	HB45	1595.13	69.89	-2.00%	0.00	1596.53	0.00	-2.00%	0.00	1596.53	HB45	0.0050	1.7567	0.0000	0.187	0.220	**Left**	HB45	12.00	0.00	4.30	0.00	4.30	18.000	**OK**	0.185	0.185	1.187	1.187		0.220
	Grade		2144+65.00	HB45	1595.15	70.06	-2.00%	0.00	1596.55	0.00	-2.00%	0.00	1596.55	HB45	0.0050	1.7487	0.0000	0.155	0.187	**Left**	HB45	12.00	0.00	4.05	0.00	4.05	18.000	**OK**	0.164	0.164	1.141	1.141		0.187
	Grade		2144+70.00	HB45	1595.17	70.23	-2.00%	0.00	1596.58	0.00	-2.00%	0.00	1596.58	HB45	0.0050	1.7407	0.0000	0.123	0.155	**Left**	HB45	12.00	0.00	3.78	0.00	3.78	18.000	**OK**	0.143	0.143	1.088	1.088		0.155
	Grade		2144+75.00	HB45	1595.19	70.40	-2.00%	0.00	1596.60	0.00	-2.00%	0.00	1596.60	HB45	0.0050	1.7326	0.0000	0.091	0.123	**Left**	HB45	12.00	0.00	3.46	0.00	3.46	18.000	**OK**	0.120	0.120	1.027	1.027		0.123
	Grade	3	2144+80.00	HB45	1595.21	70.57	-2.00%	0.00	1596.63	0.00	-2.00%	0.00	1596.63	HB45	0.0050	1.7246	0.0000	1.651	1.684	**Left**	HB45	12.00	0.00	4.50	3.24	7.74	18.000	**OK**	0.682	0.787	2.346	2.140	3	1.684
	Grade		2144+85.00	HB45	1595.24	70.74	-2.00%	0.00	1596.65	0.00	-2.00%	0.00	1596.65	HB45	0.0050	1.7165	0.0000	1.619	1.651	**Left**	HB45	12.00	0.00	4.50	3.16	7.66	18.000	**OK**	0.675	0.775	2.331	2.131		1.651
	Grade		2144+90.00	HB45	1595.26	70.91	-2.00%	0.00	1596.68	0.00	-2.00%	0.00	1596.68	HB45	0.0050	1.7084	0.0000	1.586	1.619	**Left**	HB45	12.00	0.00	4.50	3.08	7.58	18.000	**OK**	0.668	0.763	2.315	2.123		1.619
	Grade		2144+95.00	HB45	1595.28	71.08	-2.00%	0.00	1596.70	0.00	-2.00%	0.00	1596.70	HB45	0.0050	1.7002	0.0000	1.553	1.586	**Left**	HB45	12.00	0.00	4.50	3.00	7.50	18.000	**OK**	0.660	0.750	2.299	2.114		1.586
	Grade		2145+00.00	HB45	1595.30	71.24	-2.00%	0.00	1596.73	0.00	-2.00%	0.00	1596.73	HB45	0.0050	1.6921	0.0000	1.521	1.553	**Left**	HB45	12.00	0.00	4.50	2.92	7.42	18.000	**OK**	0.653	0.738	2.282	2.105		1.553
	Grade		2145+05.00	HB45	1595.32	71.41	-2.00%	0.00	1596.75	0.00	-2.00%	0.00	1596.75	HB45	0.0050	1.6839	0.0000	1.488	1.521	**Left**	HB45	12.00	0.00	4.50	2.84	7.34	18.000	**OK**	0.645	0.726	2.266	2.096		1.521
	Grade		2145+10.00	HB45	1595.34	71.58	-2.00%	0.00	1596.78	0.00	-2.00%	0.00	1596.78	HB45	0.0050	1.6757	0.0000	1.455	1.488	**Left**	HB45	12.00	0.00	4.50	2.75	7.25	18.000	**OK**	0.638	0.713	2.249	2.086		1.488
	Grade		2145+15.00	HB45	1595.36	71.75	-2.00%	0.00	1596.80	0.00	-2.00%	0.00	1596.80	HB45	0.0050	1.6675	0.0000	1.422	1.455	**Left**	HB45	12.00	0.00	4.50	2.66	7.16	18.000	**OK**	0.630	0.701	2.231	2.076		1.455
	Grade		2145+20.00	HB45	1595.39	71.92	-2.00%	0.00	1596.83	0.00	-2.00%	0.00	1596.83	HB45	0.0050	1.6593	0.0000	1.389	1.422	**Left**	HB45	12.00	0.00	4.50	2.58	7.08	18.000	**OK**	0.622	0.688	2.214	2.066		1.422
	Grade		2145+25.00	HB45	1595.41	72.09	-2.00%	0.00	1596.85	0.00	-2.00%	0.00	1596.85	HB45	0.0050	1.6511	0.0000	1.356	1.389	**Left**	HB45	12.00	0.00	4.50	2.49	6.99	18.000	**OK**	0.614	0.676	2.196	2.056		1.389
	Grade		2145+30.00	HB45	1595.43	72.26	-2.00%	0.00	1596.88	0.00	-2.00%	0.00	1596.88	HB45	0.0050	1.6428	0.0000	1.323	1.356	**Left**	HB45	12.00	0.00	4.50	2.39	6.89	18.000	**OK**	0.606	0.663	2.177	2.045		1.356
	Grade		2145+35.00	HB45	1595.45	72.43	-2.00%	0.00	1596.90	0.00	-2.00%	0.00	1596.90	HB45	0.0050	1.6345	0.0000	1.289	1.323	**Left**	HB45	12.00	0.00	4.50	2.30	6.80	18.000	**OK**	0.597	0.650	2.158	2.034		1.323
	Grade		2145+40.00	HB45	1595.47	72.60	-2.00%	0.00	1596.93	0.00	-2.00%	0.00	1596.93	HB45	0.0050	1.6262	0.0000	1.256	1.289	**Left**	HB45	12.00	0.00	4.50	2.21	6.71	18.000	**OK**	0.589	0.637	2.139	2.023		1.289
	Grade		2145+45.00	HB45	1595.49	72.76	-2.00%	0.00	1596.95	0.00	-2.00%	0.00	1596.95	HB45	0.0050	1.6179	0.0000	1.223	1.256	**Left**	HB45	12.00	0.00	4.50	2.11	6.61	18.000	**OK**	0.580	0.625	2.119	2.011		1.256
	Grade		2145+50.00	HB45	1595.52	72.93	-2.00%	0.00	1596.98	0.00	-2.00%	0.00	1596.98	HB45	0.0050	1.6095	0.0000	1.189	1.223	**Left**	HB45	12.00	0.00	4.50	2.01	6.51	18.000	**OK**	0.571	0.612	2.099	1.999		1.223
	Grade		2145+55.00	HB45	1595.54	73.10	-2.00%	0.00	1597.00	0.00	-2.00%	0.00	1597.00	HB45	0.0050	1.6012	0.0000	1.155	1.189	**Left**	HB45	12.00	0.00	4.50	1.91	6.41	18.000	**OK**	0.562	0.599	2.079	1.986		1.189
	Grade		2145+60.00	HB45	1595.56	73.27	-2.00%	0.00	1597.03	0.00	-2.00%	0.00	1597.03	HB45	0.0050	1.5928	0.0000	1.122	1.155	**Left**	HB45	12.00	0.00	4.50	1.81	6.31	18.000	**OK**	0.553	0.586	2.058	1.973		1.155
	Grade		2145+65.00	HB45	1595.58	73.44	-2.00%	0.00	1597.05	0.00	-2.00%	0.00	1597.05	HB45	0.0050	1.5844	0.0000	1.088	1.122	**Left**	HB45	12.00	0.00	4.50	1.71	6.21	18.000	**OK**	0.544	0.573	2.036	1.959		1.122
	Grade		2145+70.00	HB45	1595.60	73.61	-2.00%	0.00	1597.08	0.00	-2.00%	0.00	1597.08	HB45	0.0050	1.5760	0.0000	1.054	1.088	**Left**	HB45	12.00	0.00	4.50	1.60	6.10	18.000	**OK**	0.534	0.560	2.014	1.945		1.088
	Grade		2145+75.00	HB45	1595.62	73.78	-2.00%	0.00	1597.10	0.00	-2.00%	0.00	1597.10	HB45	0.0050	1.5675	0.0000	1.020	1.054	**Left**	HB45	12.00	0.00	4.50	1.49	5.99	18.000	**OK**	0.524	0.546	1.991	1.929		1.054
	Grade		2145+80.00	HB45	1595.65	73.95	-2.00%	0.00	1597.13	0.00	-2.00%	0.00	1597.13	HB45	0.0050	1.5591	0.0000	0.986	1.020	**Left**	HB45	12.00	0.00	4.50	1.38	5.88	18.000	**OK**	0.514	0.533	1.968	1.914		1.020
	Grade		2145+85.00	HB45	1595.67	74.12	-2.00%	0.00	1597.15	0.00	-2.00%	0.00	1597.15	HB45	0.0050	1.5506	0.0000	0.952	0.986	**Left**	HB45	12.00	0.00	4.50	1.27	5.77	18.000	**OK**	0.504	0.520	1.944	1.897		0.986
	Grade		2145+90.00	HB45	1595.69	74.28	-2.00%	0.00	1597.18	0.00	-2.00%	0.00	1597.18	HB45	0.0050	1.5421	0.0000	0.918	0.952	**Left**	HB45	12.00	0.00	4.50	1.15	5.65	18.000	**OK**	0.493	0.507	1.919	1.880		0.952
	Grade		2145+95.00	HB45	1595.71	74.45	-2.00%	0.00	1597.20	0.00	-2.00%	0.00	1597.20	HB45	0.0050	1.5336	0.0000	0.884	0.918	**Left**	HB45	12.00	0.00	4.50	1.03	5.53	18.000	**OK**	0.483	0.493	1.894	1.861		0.918
	Grade		2146+00.00	HB45	1595.73	74.62	-2.00%	0.00	1597.23	0.00	-2.00%	0.00	1597.23	HB45	0.0050	1.5250	0.0000	0.850	0.884	**Left**	HB45	12.00	0.00	4.50	0.91	5.41	18.000	**OK**	0.472	0.480	1.868	1.842		0.884
	Grade		2146+05.00	HB45	1595.75	74.79	-2.00%	0.00	1597.25	0.00	-2.00%	0.00	1597.25	HB45	0.0050	1.5165	0.0000	0.815	0.850	**Left**	HB45	12.00	0.00	4.50	0.78	5.28	18.000	**OK**	0.460	0.467	1.841	1.821		0.850
	Grade		2146+10.00	HB45	1595.78	74.96	-2.00%	0.00	1597.28	0.00	-2.00%	0.00	1597.28	HB45	0.0050	1.5079	0.0000	0.781	0.815	**Left**	HB45	12.00	0.00	4.50	0.65	5.15	18.000	**OK**	0.449	0.453	1.813	1.799		0.815
	Grade		2146+15.00	HB45	1595.80	75.13	-2.00%	0.00	1597.30	0.00	-2.00%	0.00	1597.30	HB45	0.0050	1.4993	0.0000	0.746	0.781	**Left**	HB45	12.00	0.00	4.50	0.52	5.02	18.000	**OK**	0.437	0.440	1.785	1.775		0.781
	Grade		2146+20.00	HB45	1595.82	75.30	-2.00%	0.00	1597.33	0.00	-2.00%	0.00	1597.33	HB45	0.0050	1.4907	0.0000	0.712	0.746	**Left**	HB45	12.00	0.00	4.50	0.39	4.89	18.000	**OK**	0.425	0.426	1.756	1.750		0.746
	Grade		2146+25.00	HB45	1595.84	75.47	-2.00%	0.00	1597.35	0.00	-2.00%	0.00	1597.35	HB45	0.0050	1.4821	0.0000	0.677	0.712	**Left**	HB45	12.00	0.00	4.50	0.25	4.75	18.000	**OK**	0.412	0.413	1.725	1.723		0.712
	Grade		2146+30.00	HB45	1595.86	75.64	-2.00%	0.00	1597.38	0.00	-2.00%	0.00	1597.38	HB45	0.0050	1.4734	0.0000	0.642	0.677	**Left**	HB45	12.00	0.00	4.50	0.11	4.61	18.000	**OK**	0.400	0.400	1.694	1.694		0.677

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2146+35.00	HB45	1595.88	75.80	-2.00%	0.00	1597.40	0.00	-2.00%	0.00	1597.40	HB45	0.0050	1.4647	0.0000	0.607	0.642	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	1.662	1.662		0.642
	Grade		2146+40.00	HB45	1595.91	75.97	-2.00%	0.00	1597.43	0.00	-2.00%	0.00	1597.43	HB45	0.0050	1.4561	0.0000	0.573	0.607	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	1.629	1.629		0.607
	Grade		2146+45.00	HB45	1595.93	76.14	-2.00%	0.00	1597.45	0.00	-2.00%	0.00	1597.45	HB45	0.0050	1.4473	0.0000	0.538	0.573	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.359	0.359	1.595	1.595		0.573
	Grade		2146+50.00	HB45	1595.95	76.31	-2.00%	0.00	1597.48	0.00	-2.00%	0.00	1597.48	HB45	0.0050	1.4386	0.0000	0.502	0.538	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.345	0.345	1.559	1.559		0.538
	Grade		2146+55.00	HB45	1595.97	76.48	-2.00%	0.00	1597.50	0.00	-2.00%	0.00	1597.50	HB45	0.0050	1.4299	0.0000	0.467	0.502	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.330	0.330	1.523	1.523		0.502
	Grade		2146+60.00	HB45	1595.99	76.65	-2.00%	0.00	1597.53	0.00	-2.00%	0.00	1597.53	HB45	0.0050	1.4211	0.0000	0.432	0.467	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.315	0.315	1.485	1.485		0.467
	Grade		2146+65.00	HB45	1596.01	76.82	-2.00%	0.00	1597.55	0.00	-2.00%	0.00	1597.55	HB45	0.0050	1.4123	0.0000	0.397	0.432	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.299	0.299	1.446	1.446		0.432
	Grade		2146+70.00	HB45	1596.04	76.99	-2.00%	0.00	1597.58	0.00	-2.00%	0.00	1597.58	HB45	0.0050	1.4035	0.0000	0.361	0.397	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.282	0.282	1.406	1.406		0.397
	Grade	3	2146+75.00	HB45	1596.06	77.16	-2.00%	0.00	1597.60	0.00	-2.00%	0.00	1597.60	HB45	0.0050	1.3947	0.0000	2.757	2.792	**Left**	HB45	12.00	0.00	4.50	5.49	9.99	18.000	**OK**	0.884	1.185	2.772	2.356	3	2.792
	Grade		2146+80.00	HB45	1596.08	77.32	-2.00%	0.00	1597.63	0.00	-2.00%	0.00	1597.63	HB45	0.0050	1.3858	0.0000	2.721	2.757	**Left**	HB45	12.00	0.00	4.50	5.43	9.93	18.000	**OK**	0.878	1.173	2.760	2.350		2.757
	Grade		2146+85.00	HB45	1596.10	77.49	-2.00%	0.00	1597.65	0.00	-2.00%	0.00	1597.65	HB45	0.0050	1.3770	0.0000	2.685	2.721	**Left**	HB45	12.00	0.00	4.50	5.36	9.86	18.000	**OK**	0.873	1.161	2.749	2.344		2.721
	Grade		2146+90.00	HB45	1596.12	77.66	-2.00%	0.00	1597.68	0.00	-2.00%	0.00	1597.68	HB45	0.0050	1.3681	0.0000	2.650	2.685	**Left**	HB45	12.00	0.00	4.50	5.30	9.80	18.000	**OK**	0.867	1.148	2.737	2.339		2.685
	Grade		2146+95.00	HB45	1596.14	77.83	-2.00%	0.00	1597.70	0.00	-2.00%	0.00	1597.70	HB45	0.0050	1.3592	0.0000	2.614	2.650	**Left**	HB45	12.00	0.00	4.50	5.24	9.74	18.000	**OK**	0.861	1.136	2.726	2.333		2.650
	Grade		2147+00.00	HB45	1596.17	78.00	-2.00%	0.00	1597.73	0.00	-2.00%	0.00	1597.73	HB45	0.0050	1.3502	0.0000	2.578	2.614	**Left**	HB45	12.00	0.00	4.50	5.17	9.67	18.000	**OK**	0.856	1.123	2.714	2.327		2.614
	Grade		2147+05.00	HB45	1596.19	78.18	-2.00%	0.00	1597.75	0.00	-2.00%	0.00	1597.75	HB45	0.0050	1.3413	0.0000	2.542	2.578	**Left**	HB45	12.00	0.00	4.50	5.11	9.61	18.000	**OK**	0.850	1.111	2.702	2.321		2.578
	Grade		2147+10.00	HB45	1596.21	78.36	-2.00%	0.00	1597.78	0.00	-2.00%	0.00	1597.78	HB45	0.0050	1.3323	0.0000	2.506	2.542	**Left**	HB45	12.00	0.00	4.50	5.04	9.54	18.000	**OK**	0.844	1.098	2.689	2.315		2.542
	Grade		2147+15.00	HB45	1596.23	78.54	-2.00%	0.00	1597.80	0.00	-2.00%	0.00	1597.80	HB45	0.0050	1.3234	0.0000	2.470	2.506	**Left**	HB45	12.00	0.00	4.50	4.98	9.48	18.000	**OK**	0.838	1.085	2.677	2.309		2.506
	Grade		2147+20.00	HB45	1596.25	78.72	-2.00%	0.00	1597.83	0.00	-2.00%	0.00	1597.83	HB45	0.0050	1.3143	0.0000	2.434	2.470	**Left**	HB45	12.00	0.00	4.50	4.91	9.41	18.000	**OK**	0.832	1.073	2.665	2.303		2.470
	Grade		2147+25.00	HB45	1596.27	78.90	-2.00%	0.00	1597.85	0.00	-2.00%	0.00	1597.85	HB45	0.0050	1.3053	0.0000	2.398	2.434	**Left**	HB45	12.00	0.00	4.50	4.84	9.34	18.000	**OK**	0.826	1.060	2.652	2.296		2.434
	Grade		2147+30.00	HB45	1596.29	79.08	-2.00%	0.00	1597.88	0.00	-2.00%	0.00	1597.88	HB45	0.0050	1.2963	0.0000	2.361	2.398	**Left**	HB45	12.00	0.00	4.50	4.77	9.27	18.000	**OK**	0.819	1.047	2.639	2.290		2.398
	Grade		2147+35.00	HB45	1596.31	79.26	-2.00%	0.00	1597.90	0.00	-2.00%	0.00	1597.90	HB45	0.0050	1.2872	0.0000	2.325	2.361	**Left**	HB45	12.00	0.00	4.50	4.70	9.20	18.000	**OK**	0.813	1.034	2.626	2.283		2.361
	Grade		2147+40.00	HB45	1596.34	79.44	-2.00%	0.00	1597.93	0.00	-2.00%	0.00	1597.93	HB45	0.0050	1.2781	0.0000	2.288	2.325	**Left**	HB45	12.00	0.00	4.50	4.63	9.13	18.000	**OK**	0.807	1.021	2.613	2.277		2.325
	Grade		2147+45.00	HB45	1596.36	79.62	-2.00%	0.00	1597.95	0.00	-2.00%	0.00	1597.95	HB45	0.0050	1.2690	0.0000	2.252	2.288	**Left**	HB45	12.00	0.00	4.50	4.56	9.06	18.000	**OK**	0.800	1.008	2.599	2.270		2.288
	Grade		2147+50.00	HB45	1596.38	79.80	-2.00%	0.00	1597.98	0.00	-2.00%	0.00	1597.98	HB45	0.0050	1.2599	0.0000	2.215	2.252	**Left**	HB45	12.00	0.00	4.50	4.49	8.99	18.000	**OK**	0.794	0.995	2.585	2.263		2.252
	Grade		2147+55.00	HB45	1596.40	79.98	-2.00%	0.00	1598.00	0.00	-2.00%	0.00	1598.00	HB45	0.0050	1.2507	0.0000	2.178	2.215	**Left**	HB45	12.00	0.00	4.50	4.41	8.91	18.000	**OK**	0.787	0.982	2.572	2.256		2.215
	Grade		2147+60.00	HB45	1596.42	80.16	-2.00%	0.00	1598.03	0.00	-2.00%	0.00	1598.03	HB45	0.0050	1.2416	0.0000	2.141	2.178	**Left**	HB45	12.00	0.00	4.50	4.34	8.84	18.000	**OK**	0.780	0.968	2.557	2.249		2.178
	Grade		2147+65.00	HB45	1596.44	80.34	-2.00%	0.00	1598.05	0.00	-2.00%	0.00	1598.05	HB45	0.0050	1.2324	0.0000	2.104	2.141	**Left**	HB45	12.00	0.00	4.50	4.26	8.76	18.000	**OK**	0.774	0.955	2.543	2.242		2.141
	Grade		2147+70.00	HB45	1596.46	80.52	-2.00%	0.00	1598.08	0.00	-2.00%	0.00	1598.08	HB45	0.0050	1.2232	0.0000	2.067	2.104	**Left**	HB45	12.00	0.00	4.50	4.18	8.68	18.000	**OK**	0.767	0.942	2.529	2.234		2.104
	Grade		2147+75.00	HB45	1596.49	80.70	-2.00%	0.00	1598.10	0.00	-2.00%	0.00	1598.10	HB45	0.0050	1.2139	0.0000	2.030	2.067	**Left**	HB45	12.00	0.00	4.50	4.11	8.61	18.000	**OK**	0.760	0.928	2.514	2.227		2.067
	Grade		2147+80.00	HB45	1596.51	80.88	-2.00%	0.00	1598.13	0.00	-2.00%	0.00	1598.13	HB45	0.0050	1.2047	0.0000	1.993	2.030	**Left**	HB45	12.00	0.00	4.50	4.03	8.53	18.000	**OK**	0.753	0.915	2.499	2.219		2.030
	Grade		2147+85.00	HB45	1596.53	81.06	-2.00%	0.00	1598.15	0.00	-2.00%	0.00	1598.15	HB45	0.0050	1.1954	0.0000	1.956	1.993	**Left**	HB45	12.00	0.00	4.50	3.95	8.45	18.000	**OK**	0.745	0.901	2.483	2.211		1.993
	Grade		2147+90.00	HB45	1596.55	81.24	-2.00%	0.00	1598.18	0.00	-2.00%	0.00	1598.18	HB45	0.0050	1.1861	0.0000	1.919	1.956	**Left**	HB45	12.00	0.00	4.50	3.87	8.37	18.000	**OK**	0.738	0.888	2.468	2.203		1.956
	Grade		2147+95.00	HB45	1596.57	81.42	-2.00%	0.00	1598.20	0.00	-2.00%	0.00	1598.20	HB45	0.0050	1.1768	0.0000	1.881	1.919	**Left**	HB45	12.00	0.00	4.50	3.79	8.29	18.000	**OK**	0.731	0.874	2.452	2.195		1.919
	Grade		2148+00.00	HB45	1596.59	81.60	-2.00%	0.00	1598.23	0.00	-2.00%	0.00	1598.23	HB45	0.0050	1.1675	0.0000	1.844	1.881	**Left**	HB45	12.00	0.00	4.50	3.70	8.20	18.000	**OK**	0.723	0.860	2.436	2.187		1.881
	Grade		2148+05.00	HB45	1596.61	81.78	-2.00%	0.00	1598.25	0.00	-2.00%	0.00	1598.25	HB45	0.0050	1.1581	0.0000	1.806	1.844	**Left**	HB45	12.00	0.00	4.50	3.62	8.12	18.000	**OK**	0.716	0.846	2.419	2.178		1.844
	Grade		2148+10.00	HB45	1596.64	81.96	-2.00%	0.00	1598.28	0.00	-2.00%	0.00	1598.28	HB45	0.0050	1.1487	0.0000	1.768	1.806	**Left**	HB45	12.00	0.00	4.50	3.53	8.03	18.000	**OK**	0.708	0.832	2.403	2.169		1.806
	Grade		2148+15.00	HB45	1596.66	82.14	-2.00%	0.00	1598.30	0.00	-2.00%	0.00	1598.30	HB45	0.0050	1.1393	0.0000	1.731	1.768	**Left**	HB45	12.00	0.00	4.50	3.44	7.94	18.000	**OK**	0.700	0.818	2.386	2.161		1.768
	Grade		2148+20.00	HB45	1596.68	82.32	-2.00%	0.00	1598.33	0.00	-2.00%	0.00	1598.33	HB45	0.0050	1.1299	0.0000	1.693	1.731	**Left**	HB45	12.00	0.00	4.50	3.35	7.85	18.000	**OK**	0.692	0.804	2.368	2.151		1.731
	Grade		2148+25.00	HB45	1596.70	82.50	-2.00%	0.00	1598.35	0.00	-2.00%	0.00	1598.35	HB45	0.0050	1.1205	0.0000	1.655	1.693	**Left**	HB45	12.00	0.00	4.50	3.26	7.76	18.000	**OK**	0.684	0.790	2.351	2.142		1.693
	Grade		2148+30.00	HB45	1596.72	82.68	-2.00%	0.00	1598.38	0.00	-2.00%	0.00	1598.38	HB45	0.0050	1.1110	0.0000	1.617	1.655	**Left**	HB45	12.00	0.00	4.50	3.17	7.67	18.000	**OK**	0.676	0.776	2.332	2.132		1.655
	Grade		2148+35.00	HB45	1596.74	82.86	-2.00%	0.00	1598.40	0.00	-2.00%	0.00	1598.40	HB45	0.0050	1.1015	0.0000	1.579	1.617	**Left**	HB45	12.00	0.00	4.50	3.08	7.58	18.000	**OK**	0.667	0.762	2.314	2.122		1.617
	Grade		2148+40.00	HB45	1596.76	83.04	-2.00%	0.00	1598.43	0.00	-2.00%	0.00	1598.43	HB45	0.0050	1.0920	0.0000	1.541	1.579	**Left**	HB45	12.00	0.00	4.50	2.98	7.48	18.000	**OK**	0.659	0.748	2.295	2.112		1.579
	Grade		2148+45.00	HB45	1596.79	83.22	-2.00%	0.00	1598.45	0.00	-2.00%	0.00	1598.45	HB45	0.0050	1.0825	0.0000	1.502	1.541	**Left**	HB45	12.00	0.00	4.50	2.89	7.39	18.000	**OK**	0.650	0.733	2.276	2.101		1.541
	Grade		2148+50.00	HB45	1596.81	83.40	-2.00%	0.00	1598.48	0.00	-2.00%	0.00	1598.48	HB45	0.0050	1.0730	0.0000	1.464	1.502	**Left**	HB45	12.00	0.00	4.50	2.79	7.29	18.000	**OK**	0.641	0.719	2.256	2.090		1.502
	Grade		2148+55.00	HB45	1596.83	83.58	-2.00%	0.00	1598.50	0.00	-2.00%	0.00	1598.50	HB45	0.0050	1.0634	0.0000	1.426	1.464	**Left**	HB45	12.00	0.00	4.50	2.69	7.19	18.000	**OK**	0.632	0.704	2.236	2.079		1.464
	Grade		2148+60.00	HB45	1596.85	83.76	-2.00%	0.00	1598.53	0.00	-2.00%	0.00	1598.53	HB45	0.0050	1.0538	0.0000	1.387	1.426	**Left**	HB45	12.00	0.00	4.50	2.59	7.09	18.000	**OK**	0.623	0.690	2.216	2.067		1.426
	Grade		2148+65.00	HB45	1596.87	83.94	-2.00%	0.00	1598.55	0.00	-2.00%	0.00	1598.55	HB45	0.0050	1.0442	0.0000	1.348	1.387	**Left**	HB45	12.00	0.00	4.50	2.48	6.98	18.000	**OK**	0.613	0.675	2.195	2.055		1.387
	Grade		2148+70.00	HB45	1596.89	84.12	-2.00%	0.00	1598.58	0.00	-2.00%	0.00	1598.58	HB45	0.0050	1.0346	0.0000	1.310	1.348	**Left**	HB45	12.00	0.00	4.50	2.37	6.87	18.000	**OK**	0.604	0.660	2.173	2.043		1.348
	Grade		2148+75.00	HB45	1596.91	84.30	-2.00%	0.00	1598.60	0.00	-2.00%	0.00	1598.60	HB45	0.0050	1.0250	0.0000	1.271	1.310	**Left**	HB45	12.00	0.00	4.50	2.27	6.77	18.000	**OK**	0.594	0.645	2.151	2.030		1.310
	Grade		2148+80.00	HB45	1596.94	84.48	-2.00%	0.00	1598.63	0.00	-2.00%	0.00	1598.63	HB45	0.0050	1.0153	0.0000	1.232	1.271	**Left**	HB45	12.00	0.00	4.50	2.15	6.65	18.000	**OK**	0.584	0.630	2.128	2.016		1.271
	Grade		2148+85.00	HB45	1596.96	84.66	-2.00%	0.00	1598.65	0.00	-2.00%	0.00	1598.65	HB45	0.0050	1.0056	0.0000	1.193	1.232	**Left**	HB45	12.00	0.00	4.50	2.04	6.54	18.000	**OK**	0.574	0.615	2.105	2.002		1.232
	Grade		2148+90.00	HB45	1596.98	84.84	-2.00%	0.00	1598.68	0.00	-2.00%	0.00	1598.68	HB45	0.0050	0.9959	0.0000	1.154	1.193	**Left**	HB45	12.00	0.00	4.50	1.93	6.43	18.000	**OK**	0.563	0.600	2.081	1.988		1.193
	Grade		2148+95.00	HB45	1597.00	85.02	-2.00%	0.00	1598.70	0.00	-2.00%	0.00	1598.70	HB45	0.0050	0.9862	0.0000	1.115	1.154	**Left**	HB45	12.00	0.00	4.50	1.81	6.31	18.000	**OK**	0.553	0.585	2.057	1.972		1.154
	Grade		2149+00.00	HB45	1597.02	85.20	-2.00%	0.00	1598.73	0.00	-2.00%	0.00	1598.73	HB45	0.0050	0.9764	0.0000	1.076	1.115	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.542	0.570	2.032	1.956		1.115
	Grade		2149+05.00	HB45	1597.04	85.38	-2.00%	0.00	1598.75	0.00	-2.00%	0.00	1598.75	HB45	0.0050	0.9666	0.0000	1.037	1.076	**Left**	HB45	12.00	0.00	4.50	1.56	6.06	18.000	**OK**	0.531	0.555	2.006	1.939		1.076
	Grade		2149+10.00	HB45	1597.06	85.56	-2.00%	0.00	1598.78	0.00	-2.00%	0.00	1598.78	HB45	0.0050	0.9569	0.0000	0.997	1.037	**Left**	HB45	12.00	0.00	4.50	1.43	5.93	18.000	**OK**	0.519	0.540	1.979	1.921		1.037
	Grade		2149+15.00	HB45	1597.09	85.74	-2.00%	0.00	1598.80	0.00	-2.00%	0.00	1598.80	HB45	0.0050	0.9470	0.0000	0.958	0.997	**Left**	HB45	12.00	0.00	4.50	1.30	5.80	18.000	**OK**	0.507	0.524	1.952	1.903		0.997
	Grade		2149+20.00	HB45	1597.11	85.92	-2.00%	0.00	1598.83	0.00	-2.00%	0.00	1598.83	HB45	0.0050	0.9372	0.0000	0.919	0.958	**Left**	HB45	12.00	0.00	4.50	1.17	5.67	18.000	**OK**	0.495	0.509	1.923	1.883		0.958
	Grade		2149+25.00	HB45	1597.13	86.10	-2.00%	0.00	1598.85	0.00	-2.00%	0.00	1598.85	HB45	0.0050	0.9274	0.0000	0.879	0.919	**Left**	HB45	12.00	0.00	4.50	1.03	5.53	18.000	**OK**	0.483	0.494	1.894	1.861		0.919
	Grade		2149+30.00	HB45	1597.15	86.28	-2.00%	0.00	1598.88	0.00	-2.00%	0.00	1598.88	HB45	0.0050	0.9175	0.0000	0.839	0.879	**Left**	HB45	12.00	0.00	4.50	0.89	5.39	18.000	**OK**	0.470	0.478	1.864	1.839		0.879
	Grade		2149+35.00	HB45	1597.17	86.46	-2.00%	0.00	1598.90	0.00	-2.00%	0.00	1598.90	HB45	0.0050	0.9076	0.0000	0.800	0.839	**Left**	HB45	12.00	0.00	4.50	0.74	5.24	18.000	**OK**	0.457	0.463	1.833	1.814		0.839
	Grade		2149+40.00	HB45	1597.19	86.64	-2.00%	0.00	1598.93	0.00	-2.00%	0.00	1598.93	HB45	0.0050	0.8977	0.0000	0.760	0.800	**Left**	HB45	12.00	0.00	4.50	0.60	5.10	18.000	**OK**	0.444	0.447	1.800	1.788		0.800
	Grade		2149+45.00	HB45	1597.21	86.82	-2.00%	0.00	1598.95	0.00	-2.00%	0.00	1598.95	HB45	0.0050	0.8877	0.0000	0.720	0.760	**Left**	HB45	12.00	0.00	4.50	0.44	4.94	18.000	**OK**	0.430	0.432	1.767	1.760		0.760
	Grade		2149+50.00	HB45	1597.24	87.00	-2.00%	0.00	1598.98	0.00	-2.00%	0.00	1598.98	HB45	0.0050	0.8778	0.0000	0.680	0.720	**Left**	HB45	12.00	0.00	4.50	0.28	4.78	18.000	**OK**	0.415	0.416	1.732	1.729		0.720
	Grade		2149+55.00	HB45	1597.26	87.18	-2.00%	0.00	1599.00	0.00	-2.00%	0.00	1599.00	HB45	0.0050	0.8678	0.0000	0.640	0.680	**Left**	HB45	12.00	0.00	4.50	0.12	4.62	18.000	**OK**	0.401	0.401	1.697	1.696		0.680
	Grade		2149+60.00	HB45	1597.28	87.36	-2.00%	0.00	1599.03	0.00	-2.00%	0.00	1599.03	HB45	0.0050	0.8578	0.0000	0.600	0.640	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.385	0.385	1.660	1.660		0.640
	Grade		2149+65.00	HB45	1597.30	87.54	-2.00%	0.00	1599.05	0.00	-2.00%	0.00	1599.05	HB45	0.0050	0.8478	0.0000	0.559	0.600	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.370	0.370	1.621	1.621		0.600
	Grade		2149+70.00	HB45	1597.32	87.72	-2.00%	0.00	1599.08	0.00	-2.00%	0.00	1599.08	HB45	0.0050	0.8378	0.0000	0.519	0.559	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.354	0.354	1.582	1.582		0.559
	Grade		2149+75.00	HB45	1597.34	87.90	-2.00%	0.00	1599.10	0.00	-2.00%	0.00	1599.10	HB45	0.0050	0.8277	0.0000	0.479	0.519	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.337	0.337	1.540	1.540		0.519
	Grade		2149+80.00	HB45	1597.36	88.08	-2.00%	0.00	1599.13	0.00	-2.00%	0.00	1599.13	HB45	0.0050	0.8176	0.0000	0.438	0.479	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.320	0.320	1.498	1.498		0.479
	Grade		2149+85.00	HB45	1597.38	88.26	-2.00%	0.00	1599.15	0.00	-2.00%	0.00	1599.15	HB45	0.0050	0.8075	0.0000	0.398	0.438	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.302	0.302	1.453	1.453		0.438

Alignment:	Grade or Sag	Sta Incr(ft): >> / CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2149+90.00	HB45	1597.41	88.44	-2.00%	0.00	1599.18	0.00	-2.00%	0.00	1599.18	HB45	0.0050	0.7974	0.0000	0.357	0.398	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.283	0.283	1.407	1.407		0.398
	Grade		2149+95.00	HB45	1597.43	88.62	-2.00%	0.00	1599.20	0.00	-2.00%	0.00	1599.20	HB45	0.0050	0.7873	0.0000	0.316	0.357	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.263	0.263	1.359	1.359		0.357
	Grade		2150+00.00	HB45	1597.45	88.80	-2.00%	0.00	1599.23	0.00	-2.00%	0.00	1599.23	HB45	0.0050	0.7771	0.0000	0.275	0.316	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.242	0.242	1.309	1.309		0.316
	Grade		2150+05.00	HB45	1597.48	88.71	-2.00%	0.00	1599.25	0.00	-2.00%	0.00	1599.25	HB45	0.0050	0.7669	0.0000	0.235	0.275	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.219	0.219	1.258	1.258		0.275
	Grade		2150+10.00	HB45	1597.50	88.63	-2.00%	0.00	1599.28	0.00	-2.00%	0.00	1599.28	HB45	0.0050	0.7567	0.0000	0.194	0.235	**Left**	HB45	12.00	0.00	4.41	0.00	4.41	18.000	**OK**	0.194	0.194	1.207	1.207		0.235
	Grade		2150+15.00	HB45	1597.53	88.54	-2.00%	0.00	1599.30	0.00	-2.00%	0.00	1599.30	HB45	0.0050	0.7466	0.0000	0.153	0.194	**Left**	HB45	12.00	0.00	4.10	0.00	4.10	18.000	**OK**	0.168	0.168	1.150	1.150		0.194
	Grade		2150+20.00	HB45	1598.52	40.30	-2.00%	0.00	1599.33	0.00	-2.00%	0.00	1599.33	HB45	0.0050	0.7364	0.0000	0.123	0.153	**Left**	HB45	12.00	0.00	3.76	0.00	3.76	18.000	**OK**	0.141	0.141	1.084	1.084		0.153
	Grade	3	2150+25.00	HB45	1598.54	40.30	-2.00%	0.00	1599.35	0.00	-2.00%	0.00	1599.35	HB45	0.0050	0.7290	0.0000	1.838	1.856	**Left**	HB45	12.00	0.00	4.50	3.65	8.15	18.000	**OK**	0.718	0.851	2.425	2.181	3	1.856
	Grade		2150+30.00	HB45	1598.57	40.29	-2.00%	0.00	1599.38	0.00	-2.00%	0.00	1599.38	HB45	0.0050	0.7244	0.0000	1.819	1.838	**Left**	HB45	12.00	0.00	4.50	3.60	8.10	18.000	**OK**	0.714	0.844	2.417	2.177		1.838
	Grade		2150+35.00	HB45	1598.59	40.29	-2.00%	0.00	1599.40	0.00	-2.00%	0.00	1599.40	HB45	0.0050	0.7197	0.0000	1.801	1.819	**Left**	HB45	12.00	0.00	4.50	3.56	8.06	18.000	**OK**	0.711	0.837	2.409	2.173		1.819
	Grade		2150+40.00	HB45	1598.62	40.28	-2.00%	0.00	1599.43	0.00	-2.00%	0.00	1599.43	HB45	0.0050	0.7151	0.0000	1.782	1.801	**Left**	HB45	12.00	0.00	4.50	3.52	8.02	18.000	**OK**	0.707	0.830	2.400	2.168		1.801
	Grade		2150+45.00	HB45	1598.64	40.28	-2.00%	0.00	1599.45	0.00	-2.00%	0.00	1599.45	HB45	0.0050	0.7105	0.0000	1.764	1.782	**Left**	HB45	12.00	0.00	4.50	3.48	7.98	18.000	**OK**	0.703	0.824	2.392	2.164		1.782
	Grade		2150+50.00	HB45	1598.67	40.27	-2.00%	0.00	1599.48	0.00	-2.00%	0.00	1599.48	HB45	0.0050	0.7059	0.0000	1.745	1.764	**Left**	HB45	12.00	0.00	4.50	3.43	7.93	18.000	**OK**	0.699	0.817	2.383	2.159		1.764
	Grade		2150+55.00	HB45	1598.69	40.27	-2.00%	0.00	1599.50	0.00	-2.00%	0.00	1599.50	HB45	0.0050	0.7012	0.0000	1.727	1.745	**Left**	HB45	12.00	0.00	4.50	3.39	7.89	18.000	**OK**	0.695	0.810	2.375	2.155		1.745
	Grade		2150+60.00	HB45	1598.72	40.26	-2.00%	0.00	1599.53	0.00	-2.00%	0.00	1599.53	HB45	0.0050	0.6966	0.0000	1.708	1.727	**Left**	HB45	12.00	0.00	4.50	3.34	7.84	18.000	**OK**	0.691	0.803	2.366	2.150		1.727
	Grade		2150+65.00	HB45	1598.74	40.26	-2.00%	0.00	1599.55	0.00	-2.00%	0.00	1599.55	HB45	0.0050	0.6920	0.0000	1.689	1.708	**Left**	HB45	12.00	0.00	4.50	3.30	7.80	18.000	**OK**	0.687	0.796	2.358	2.146		1.708
	Grade		2150+70.00	HB45	1598.77	40.26	-2.00%	0.00	1599.58	0.00	-2.00%	0.00	1599.58	HB45	0.0050	0.6874	0.0000	1.671	1.689	**Left**	HB45	12.00	0.00	4.50	3.26	7.76	18.000	**OK**	0.683	0.789	2.349	2.141		1.689
	Grade		2150+75.00	HB45	1598.79	40.25	-2.00%	0.00	1599.60	0.00	-2.00%	0.00	1599.60	HB45	0.0050	0.6828	0.0000	1.652	1.671	**Left**	HB45	12.00	0.00	4.50	3.21	7.71	18.000	**OK**	0.679	0.782	2.340	2.136		1.671
	Grade		2150+80.00	HB45	1598.82	40.25	-2.00%	0.00	1599.63	0.00	-2.00%	0.00	1599.63	HB45	0.0050	0.6781	0.0000	1.634	1.652	**Left**	HB45	12.00	0.00	4.50	3.17	7.67	18.000	**OK**	0.675	0.775	2.331	2.132		1.652
	Grade		2150+85.00	HB45	1598.85	40.24	-2.00%	0.00	1599.65	0.00	-2.00%	0.00	1599.65	HB45	0.0050	0.6735	0.0000	1.615	1.634	**Left**	HB45	12.00	0.00	4.50	3.12	7.62	18.000	**OK**	0.671	0.768	2.322	2.127		1.634
	Grade		2150+90.00	HB45	1598.87	40.24	-2.00%	0.00	1599.68	0.00	-2.00%	0.00	1599.68	HB45	0.0050	0.6689	0.0000	1.597	1.615	**Left**	HB45	12.00	0.00	4.50	3.07	7.57	18.000	**OK**	0.667	0.761	2.313	2.122		1.615
	Grade		2150+95.00	HB45	1598.90	40.23	-2.00%	0.00	1599.70	0.00	-2.00%	0.00	1599.70	HB45	0.0050	0.6643	0.0000	1.578	1.597	**Left**	HB45	12.00	0.00	4.50	3.03	7.53	18.000	**OK**	0.663	0.754	2.304	2.117		1.597
	Grade		2151+00.00	HB45	1598.92	40.23	-2.00%	0.00	1599.73	0.00	-2.00%	0.00	1599.73	HB45	0.0050	0.6597	0.0000	1.560	1.578	**Left**	HB45	12.00	0.00	4.50	2.98	7.48	18.000	**OK**	0.658	0.747	2.295	2.112		1.578
	Grade		2151+05.00	HB45	1598.95	40.22	-2.00%	0.00	1599.75	0.00	-2.00%	0.00	1599.75	HB45	0.0050	0.6550	0.0000	1.541	1.560	**Left**	HB45	12.00	0.00	4.50	2.94	7.44	18.000	**OK**	0.654	0.740	2.286	2.107		1.560
	Grade		2151+10.00	HB45	1598.97	40.22	-2.00%	0.00	1599.78	0.00	-2.00%	0.00	1599.78	HB45	0.0050	0.6504	0.0000	1.523	1.541	**Left**	HB45	12.00	0.00	4.50	2.89	7.39	18.000	**OK**	0.650	0.733	2.276	2.102		1.541
	Grade		2151+15.00	HB45	1599.00	40.21	-2.00%	0.00	1599.80	0.00	-2.00%	0.00	1599.80	HB45	0.0050	0.6458	0.0000	1.504	1.523	**Left**	HB45	12.00	0.00	4.50	2.84	7.34	18.000	**OK**	0.646	0.726	2.267	2.096		1.523
	Grade		2151+20.00	HB45	1599.02	40.21	-2.00%	0.00	1599.83	0.00	-2.00%	0.00	1599.83	HB45	0.0050	0.6412	0.0000	1.486	1.504	**Left**	HB45	12.00	0.00	4.50	2.79	7.29	18.000	**OK**	0.641	0.719	2.257	2.091		1.504
	Grade		2151+25.00	HB45	1599.05	40.21	-2.00%	0.00	1599.85	0.00	-2.00%	0.00	1599.85	HB45	0.0050	0.6366	0.0000	1.467	1.486	**Left**	HB45	12.00	0.00	4.50	2.74	7.24	18.000	**OK**	0.637	0.712	2.248	2.086		1.486
	Grade		2151+30.00	HB45	1599.07	40.20	-2.00%	0.00	1599.88	0.00	-2.00%	0.00	1599.88	HB45	0.0050	0.6320	0.0000	1.449	1.467	**Left**	HB45	12.00	0.00	4.50	2.70	7.20	18.000	**OK**	0.633	0.705	2.238	2.080		1.467
	Grade		2151+35.00	HB45	1599.10	40.20	-2.00%	0.00	1599.90	0.00	-2.00%	0.00	1599.90	HB45	0.0050	0.6274	0.0000	1.430	1.449	**Left**	HB45	12.00	0.00	4.50	2.65	7.15	18.000	**OK**	0.628	0.698	2.228	2.075		1.449
	Grade		2151+40.00	HB45	1599.12	40.19	-2.00%	0.00	1599.93	0.00	-2.00%	0.00	1599.93	HB45	0.0050	0.6227	0.0000	1.412	1.430	**Left**	HB45	12.00	0.00	4.50	2.60	7.10	18.000	**OK**	0.624	0.691	2.218	2.069		1.430
	Grade		2151+45.00	HB45	1599.15	40.19	-2.00%	0.00	1599.95	0.00	-2.00%	0.00	1599.95	HB45	0.0050	0.6181	0.0000	1.393	1.412	**Left**	HB45	12.00	0.00	4.50	2.55	7.05	18.000	**OK**	0.619	0.684	2.208	2.063		1.412
	Grade		2151+50.00	HB45	1599.17	40.18	-2.00%	0.00	1599.98	0.00	-2.00%	0.00	1599.98	HB45	0.0050	0.6135	0.0000	1.375	1.393	**Left**	HB45	12.00	0.00	4.50	2.50	7.00	18.000	**OK**	0.615	0.677	2.198	2.057		1.393
	Grade		2151+55.00	HB45	1599.20	40.18	-2.00%	0.00	1600.00	0.00	-2.00%	0.00	1600.00	HB45	0.0050	0.6089	0.0000	1.356	1.375	**Left**	HB45	12.00	0.00	4.50	2.45	6.95	18.000	**OK**	0.610	0.670	2.188	2.051		1.375
	Grade		2151+60.00	HB45	1599.22	40.17	-2.00%	0.00	1600.03	0.00	-2.00%	0.00	1600.03	HB45	0.0050	0.6043	0.0000	1.338	1.356	**Left**	HB45	12.00	0.00	4.50	2.40	6.90	18.000	**OK**	0.606	0.663	2.177	2.045		1.356
	Grade		2151+65.00	HB45	1599.25	40.17	-2.00%	0.00	1600.05	0.00	-2.00%	0.00	1600.05	HB45	0.0050	0.5997	0.0000	1.319	1.338	**Left**	HB45	12.00	0.00	4.50	2.34	6.84	18.000	**OK**	0.601	0.656	2.167	2.039		1.338
	Grade		2151+70.00	HB45	1599.27	40.17	-2.00%	0.00	1600.08	0.00	-2.00%	0.00	1600.08	HB45	0.0050	0.5951	0.0000	1.301	1.319	**Left**	HB45	12.00	0.00	4.50	2.29	6.79	18.000	**OK**	0.596	0.649	2.156	2.033		1.319
	Grade		2151+75.00	HB45	1599.30	40.16	-2.00%	0.00	1600.10	0.00	-2.00%	0.00	1600.10	HB45	0.0050	0.5905	0.0000	1.282	1.301	**Left**	HB45	12.00	0.00	4.50	2.24	6.74	18.000	**OK**	0.592	0.642	2.146	2.027		1.301
	Grade		2151+80.00	HB45	1599.32	40.16	-2.00%	0.00	1600.13	0.00	-2.00%	0.00	1600.13	HB45	0.0050	0.5858	0.0000	1.264	1.282	**Left**	HB45	12.00	0.00	4.50	2.19	6.69	18.000	**OK**	0.587	0.635	2.135	2.020		1.282
	Grade		2151+85.00	HB45	1599.35	40.15	-2.00%	0.00	1600.15	0.00	-2.00%	0.00	1600.15	HB45	0.0050	0.5812	0.0000	1.245	1.264	**Left**	HB45	12.00	0.00	4.50	2.13	6.63	18.000	**OK**	0.582	0.628	2.124	2.014		1.264
	Grade		2151+90.00	HB45	1599.37	40.15	-2.00%	0.00	1600.18	0.00	-2.00%	0.00	1600.18	HB45	0.0050	0.5766	0.0000	1.227	1.245	**Left**	HB45	12.00	0.00	4.50	2.08	6.58	18.000	**OK**	0.577	0.620	2.113	2.007		1.245
	Grade		2151+95.00	HB45	1599.40	40.14	-2.00%	0.00	1600.20	0.00	-2.00%	0.00	1600.20	HB45	0.0050	0.5720	0.0000	1.208	1.227	**Left**	HB45	12.00	0.00	4.50	2.03	6.53	18.000	**OK**	0.572	0.613	2.102	2.000		1.227
	Grade		2152+00.00	HB45	1599.42	40.14	-2.00%	0.00	1600.23	0.00	-2.00%	0.00	1600.23	HB45	0.0050	0.5674	0.0000	1.190	1.208	**Left**	HB45	12.00	0.00	4.50	1.97	6.47	18.000	**OK**	0.567	0.606	2.091	1.993		1.208
	Grade		2152+05.00	HB45	1599.45	40.13	-2.00%	0.00	1600.25	0.00	-2.00%	0.00	1600.25	HB45	0.0050	0.5628	0.0000	1.172	1.190	**Left**	HB45	12.00	0.00	4.50	1.92	6.42	18.000	**OK**	0.562	0.599	2.079	1.986		1.190
	Grade		2152+10.00	HB45	1599.47	40.13	-2.00%	0.00	1600.28	0.00	-2.00%	0.00	1600.28	HB45	0.0050	0.5582	0.0000	1.153	1.172	**Left**	HB45	12.00	0.00	4.50	1.86	6.36	18.000	**OK**	0.557	0.592	2.068	1.979		1.172
	Grade		2152+15.00	HB45	1599.50	40.13	-2.00%	0.00	1600.30	0.00	-2.00%	0.00	1600.30	HB45	0.0050	0.5536	0.0000	1.135	1.153	**Left**	HB45	12.00	0.00	4.50	1.80	6.30	18.000	**OK**	0.552	0.585	2.056	1.972		1.153
	Grade		2152+20.00	HB45	1599.52	40.12	-2.00%	0.00	1600.33	0.00	-2.00%	0.00	1600.33	HB45	0.0050	0.5490	0.0000	1.116	1.135	**Left**	HB45	12.00	0.00	4.50	1.75	6.25	18.000	**OK**	0.547	0.578	2.044	1.964		1.135
	Grade		2152+25.00	HB45	1599.55	40.12	-2.00%	0.00	1600.35	0.00	-2.00%	0.00	1600.35	HB45	0.0050	0.5444	0.0000	1.098	1.116	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.542	0.570	2.032	1.957		1.116
	Grade		2152+30.00	HB45	1599.57	40.11	-2.00%	0.00	1600.38	0.00	-2.00%	0.00	1600.38	HB45	0.0050	0.5398	0.0000	1.079	1.098	**Left**	HB45	12.00	0.00	4.50	1.63	6.13	18.000	**OK**	0.537	0.563	2.020	1.949		1.098
	Grade		2152+35.00	HB45	1599.60	40.11	-2.00%	0.00	1600.40	0.00	-2.00%	0.00	1600.40	HB45	0.0050	0.5352	0.0000	1.061	1.079	**Left**	HB45	12.00	0.00	4.50	1.57	6.07	18.000	**OK**	0.531	0.556	2.008	1.941		1.079
	Grade		2152+40.00	HB45	1599.62	40.10	-2.00%	0.00	1600.43	0.00	-2.00%	0.00	1600.43	HB45	0.0050	0.5306	0.0000	1.042	1.061	**Left**	HB45	12.00	0.00	4.50	1.51	6.01	18.000	**OK**	0.526	0.549	1.995	1.932		1.061
	Grade		2152+45.00	HB45	1599.65	40.10	-2.00%	0.00	1600.45	0.00	-2.00%	0.00	1600.45	HB45	0.0050	0.5260	0.0000	1.024	1.042	**Left**	HB45	12.00	0.00	4.50	1.45	5.95	18.000	**OK**	0.521	0.542	1.983	1.924		1.042
	Grade		2152+50.00	HB45	1599.67	40.09	-2.00%	0.00	1600.48	0.00	-2.00%	0.00	1600.48	HB45	0.0050	0.5214	0.0000	1.005	1.024	**Left**	HB45	12.00	0.00	4.50	1.39	5.89	18.000	**OK**	0.515	0.535	1.970	1.915		1.024
	Grade		2152+55.00	HB45	1599.70	40.09	-2.00%	0.00	1600.50	0.00	-2.00%	0.00	1600.50	HB45	0.0050	0.5168	0.0000	0.987	1.005	**Left**	HB45	12.00	0.00	4.50	1.33	5.83	18.000	**OK**	0.510	0.527	1.957	1.906		1.005
	Grade		2152+60.00	HB45	1599.72	40.08	-2.00%	0.00	1600.53	0.00	-2.00%	0.00	1600.53	HB45	0.0050	0.5121	0.0000	0.969	0.987	**Left**	HB45	12.00	0.00	4.50	1.27	5.77	18.000	**OK**	0.504	0.520	1.944	1.897		0.987
	Grade		2152+65.00	HB45	1599.75	40.08	-2.00%	0.00	1600.55	0.00	-2.00%	0.00	1600.55	HB45	0.0050	0.5075	0.0000	0.950	0.969	**Left**	HB45	12.00	0.00	4.50	1.21	5.71	18.000	**OK**	0.498	0.513	1.931	1.888		0.969
	Grade		2152+70.00	HB45	1599.77	40.08	-2.00%	0.00	1600.58	0.00	-2.00%	0.00	1600.58	HB45	0.0050	0.5029	0.0000	0.932	0.950	**Left**	HB45	12.00	0.00	4.50	1.14	5.64	18.000	**OK**	0.493	0.506	1.917	1.878		0.950
	Grade		2152+75.00	HB45	1599.80	40.07	-2.00%	0.00	1600.60	0.00	-2.00%	0.00	1600.60	HB45	0.0050	0.4983	0.0000	0.913	0.932	**Left**	HB45	12.00	0.00	4.50	1.08	5.58	18.000	**OK**	0.487	0.499	1.904	1.868		0.932
	Grade		2152+80.00	HB45	1599.82	40.07	-2.00%	0.00	1600.63	0.00	-2.00%	0.00	1600.63	HB45	0.0050	0.4937	0.0000	0.895	0.913	**Left**	HB45	12.00	0.00	4.50	1.01	5.51	18.000	**OK**	0.481	0.491	1.890	1.858		0.913
	Grade		2152+85.00	HB45	1599.85	40.06	-2.00%	0.00	1600.65	0.00	-2.00%	0.00	1600.65	HB45	0.0050	0.4891	0.0000	0.876	0.895	**Left**	HB45	12.00	0.00	4.50	0.95	5.45	18.000	**OK**	0.475	0.484	1.876	1.848		0.895
	Grade		2152+90.00	HB45	1599.87	40.06	-2.00%	0.00	1600.68	0.00	-2.00%	0.00	1600.68	HB45	0.0050	0.4845	0.0000	0.858	0.876	**Left**	HB45	12.00	0.00	4.50	0.88	5.38	18.000	**OK**	0.469	0.477	1.862	1.837		0.876
	Grade		2152+95.00	HB45	1599.90	40.05	-2.00%	0.00	1600.70	0.00	-2.00%	0.00	1600.70	HB45	0.0050	0.4800	0.0000	0.839	0.858	**Left**	HB45	12.00	0.00	4.50	0.81	5.31	18.000	**OK**	0.463	0.470	1.847	1.826		0.858
	Grade		2153+00.00	HB45	1599.92	40.05	-2.00%	0.00	1600.73	0.00	-2.00%	0.00	1600.73	HB45	0.0050	0.4754	0.0000	0.821	0.839	**Left**	HB45	12.00	0.00	4.50	0.75	5.25	18.000	**OK**	0.457	0.463	1.833	1.814		0.839
	Grade		2153+05.00	HB45	1599.95	40.04	-2.00%	0.00	1600.75	0.00	-2.00%	0.00	1600.75	HB45	0.0050	0.4708	0.0000	0.803	0.821	**Left**	HB45	12.00	0.00	4.50	0.68	5.18	18.000	**OK**	0.451	0.455	1.818	1.803		0.821
	Grade		2153+10.00	HB45	1599.97	40.04	-2.00%	0.00	1600.78	0.00	-2.00%	0.00	1600.78	HB45	0.0050	0.4662	0.0000	0.784	0.803	**Left**	HB45	12.00	0.00	4.50	0.61	5.11	18.000	**OK**	0.445	0.448	1.803	1.790		0.803
	Grade		2153+15.00	HB45	1600.00	40.04	-2.00%	0.00	1600.80	0.00	-2.00%	0.00	1600.80	HB45	0.0050	0.4616	0.0000	0.766	0.784	**Left**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.438	0.441	1.788	1.778		0.784
	Grade		2153+20.00	HB45	1600.02	40.03	-2.00%	0.00	1600.83	0.00	-2.00%	0.00	1600.83	HB45	0.0050	0.4570	0.0000	0.747	0.766	**Left**	HB45	12.00	0.00	4.50	0.46	4.96	18.000	**OK**	0.432	0.434	1.772	1.764		0.766
	Grade		2153+25.00	HB45	1600.05	40.03	-2.00%	0.00	1600.85	0.00	-2.00%	0.00	1600.85	HB45	0.0050	0.4524	0.0000	0.729	0.747	**Left**	HB45	12.00	0.00	4.50	0.39	4.89	18.000	**OK**	0.425	0.427	1.756	1.751		0.747
	Grade		2153+30.00	HB45	1600.07	40.02	-2.00%	0.00	1600.88	0.00	-2.00%	0.00	1600.88	HB45	0.0050	0.4478	0.0000	0.710	0.729	**Left**	HB45	12.00	0.00	4.50	0.32	4.82	18.000	**OK**	0.419	0.420	1.740	1.737		0.729
	Grade		2153+35.00	HB45	1600.10	40.02	-2.00%	0.00	1600.90	0.00	-2.00%	0.00	1600.90	HB45	0.0050	0.4432	0.0000	0.692	0.710	**Left**	HB45	12.00	0.00	4.50	0.24	4.74	18.000	**OK**	0.412	0.413	1.724	1.722		0.710
	Grade		2153+40.00	HB45	1600.12	40.01	-2.00%	0.00	1600.93	0.00	-2.00%	0.00	1600.93	HB45	0.0050	0.4386	0.0000	0.674	0.692	**Left**	HB45	12.00	0.00	4.50	0.17	4.67	18.000	**OK**	0.405	0.406	1.708	1.707		0.692

Alignment:	Grade or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code)	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
	Grade		2153+45.00	HB45	1600.15	40.01	-2.00%	0.00	1600.95	0.00	-2.00%	0.00	1600.95	HB45	0.0050	0.4340	0.0000	0.655	0.674	**Left**	HB45	12.00	0.00	4.50	0.09	4.59	18.000	**OK**	0.398	0.398	1.691	1.691		0.674
	Grade		2153+50.00	HB45	1600.17	40.00	-2.00%	0.00	1600.98	0.00	-2.00%	0.00	1600.98	HB45	0.0050	0.4294	0.0000	0.637	0.655	**Left**	HB45	12.00	0.00	4.50	0.02	4.52	18.000	**OK**	0.391	0.391	1.674	1.674		0.655
	Grade		2153+55.00	HB45	1600.20	40.00	-2.00%	0.00	1601.00	0.00	-2.00%	0.00	1601.00	HB45	0.0050	0.4248	0.0000	0.618	0.637	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.384	0.384	1.657	1.657		0.637
	Grade		2153+60.00	HB45	1600.23	39.99	-2.00%	0.00	1601.03	0.00	-2.00%	0.00	1601.03	HB45	0.0050	0.4202	0.0000	0.600	0.618	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.377	0.377	1.639	1.639		0.618
	Grade		2153+65.00	HB45	1600.25	39.99	-2.00%	0.00	1601.05	0.00	-2.00%	0.00	1601.05	HB45	0.0050	0.4156	0.0000	0.582	0.600	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.370	0.370	1.622	1.622		0.600
	Grade		2153+70.00	HB45	1600.28	39.99	-2.00%	0.00	1601.08	0.00	-2.00%	0.00	1601.08	HB45	0.0050	0.4110	0.0000	0.563	0.582	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.363	0.363	1.604	1.604		0.582
	Grade		2153+75.00	HB45	1600.30	39.98	-2.00%	0.00	1601.10	0.00	-2.00%	0.00	1601.10	HB45	0.0050	0.4064	0.0000	0.545	0.563	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.355	0.355	1.585	1.585		0.563
	Grade		2153+80.00	HB45	1600.33	39.98	-2.00%	0.00	1601.13	0.00	-2.00%	0.00	1601.13	HB45	0.0050	0.4019	0.0000	0.526	0.545	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.348	0.348	1.567	1.567		0.545
	Grade		2153+85.00	HB45	1600.35	39.97	-2.00%	0.00	1601.15	0.00	-2.00%	0.00	1601.15	HB45	0.0050	0.3973	0.0000	0.508	0.526	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.340	0.340	1.548	1.548		0.526
	Grade		2153+90.00	HB45	1600.38	39.97	-2.00%	0.00	1601.18	0.00	-2.00%	0.00	1601.18	HB45	0.0050	0.3927	0.0000	0.490	0.508	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.332	0.332	1.529	1.529		0.508
	Grade		2153+95.00	HB45	1600.40	39.96	-2.00%	0.00	1601.20	0.00	-2.00%	0.00	1601.20	HB45	0.0050	0.3881	0.0000	0.471	0.490	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.324	0.324	1.509	1.509		0.490
	Grade		2154+00.00	HB45	1600.43	39.96	-2.00%	0.00	1601.23	0.00	-2.00%	0.00	1601.23	HB45	0.0050	0.3835	0.0000	0.453	0.471	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.316	0.316	1.490	1.490		0.471
	Grade		2154+05.00	HB45	1600.45	39.95	-2.00%	0.00	1601.25	0.00	-2.00%	0.00	1601.25	HB45	0.0050	0.3789	0.0000	0.434	0.453	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.308	0.308	1.469	1.469		0.453
	Grade		2154+10.00	HB45	1600.48	39.95	-2.00%	0.00	1601.28	0.00	-2.00%	0.00	1601.28	HB45	0.0050	0.3743	0.0000	0.416	0.434	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.300	0.300	1.449	1.449		0.434
	Grade		2154+15.00	HB45	1600.50	39.95	-2.00%	0.00	1601.30	0.00	-2.00%	0.00	1601.30	HB45	0.0050	0.3697	0.0000	0.398	0.416	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.291	0.291	1.428	1.428		0.416
	Grade		2154+20.00	HB45	1600.53	39.94	-2.00%	0.00	1601.33	0.00	-2.00%	0.00	1601.33	HB45	0.0050	0.3652	0.0000	0.379	0.398	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.283	0.283	1.407	1.407		0.398
	Grade		2154+25.00	HB45	1600.55	39.94	-2.00%	0.00	1601.35	0.00	-2.00%	0.00	1601.35	HB45	0.0050	0.3606	0.0000	0.361	0.379	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.274	0.274	1.385	1.385		0.379
	Grade		2154+30.00	HB45	1600.58	39.93	-2.00%	0.00	1601.38	0.00	-2.00%	0.00	1601.38	HB45	0.0050	0.3560	0.0000	0.343	0.361	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.265	0.265	1.364	1.364		0.361
	Grade		2154+35.00	HB45	1600.60	39.93	-2.00%	0.00	1601.40	0.00	-2.00%	0.00	1601.40	HB45	0.0050	0.3514	0.0000	0.324	0.343	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.255	0.255	1.341	1.341		0.343
	Grade		2154+40.00	HB45	1600.63	39.92	-2.00%	0.00	1601.43	0.00	-2.00%	0.00	1601.43	HB45	0.0050	0.3468	0.0000	0.306	0.324	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.246	0.246	1.319	1.319		0.324
	Grade		2154+45.00	HB45	1600.65	39.92	-2.00%	0.00	1601.45	0.00	-2.00%	0.00	1601.45	HB45	0.0050	0.3422	0.0000	0.287	0.306	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.236	0.236	1.296	1.296		0.306
	Grade		2154+50.00	HB45	1600.68	39.91	-2.00%	0.00	1601.48	0.00	-2.00%	0.00	1601.48	HB45	0.0050	0.3377	0.0000	0.269	0.287	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.226	0.226	1.273	1.273		0.287
	Grade		2154+55.00	HB45	1600.70	39.91	-2.00%	0.00	1601.50	0.00	-2.00%	0.00	1601.50	HB45	0.0050	0.3331	0.0000	0.251	0.269	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.215	0.215	1.250	1.250		0.269
	Grade		2154+60.00	HB45	1600.73	39.91	-2.00%	0.00	1601.53	0.00	-2.00%	0.00	1601.53	HB45	0.0050	0.3285	0.0000	0.232	0.251	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.204	0.204	1.227	1.227		0.251
	Grade		2154+65.00	HB45	1600.75	39.90	-2.00%	0.00	1601.55	0.00	-2.00%	0.00	1601.55	HB45	0.0050	0.3239	0.0000	0.214	0.232	**Left**	HB45	12.00	0.00	4.39	0.00	4.39	18.000	**OK**	0.193	0.193	1.204	1.204		0.232
	Grade		2154+70.00	HB45	1600.78	39.90	-2.00%	0.00	1601.58	0.00	-2.00%	0.00	1601.58	HB45	0.0050	0.3193	0.0000	0.196	0.214	**Left**	HB45	12.00	0.00	4.26	0.00	4.26	18.000	**OK**	0.181	0.181	1.179	1.179		0.214
	Grade		2154+75.00	HB45	1600.80	39.89	-2.00%	0.00	1601.60	0.00	-2.00%	0.00	1601.60	HB45	0.0050	0.3148	0.0000	0.177	0.196	**Left**	HB45	12.00	0.00	4.12	0.00	4.12	18.000	**OK**	0.170	0.170	1.153	1.153		0.196
	Grade		2154+80.00	HB45	1600.83	39.89	-2.00%	0.00	1601.63	0.00	-2.00%	0.00	1601.63	HB45	0.0050	0.3102	0.0000	0.159	0.177	**Left**	HB45	12.00	0.00	3.97	0.00	3.97	18.000	**OK**	0.158	0.158	1.125	1.125		0.177
	Grade		2154+85.00	HB45	1600.85	39.88	-2.00%	0.00	1601.65	0.00	-2.00%	0.00	1601.65	HB45	0.0050	0.3056	0.0000	0.141	0.159	**Left**	HB45	12.00	0.00	3.81	0.00	3.81	18.000	**OK**	0.145	0.145	1.095	1.095		0.159
	Grade		2154+90.00	HB45	1600.88	39.88	-2.00%	0.00	1601.68	0.00	-2.00%	0.00	1601.68	HB45	0.0050	0.3010	0.0000	0.122	0.141	**Left**	HB45	12.00	0.00	3.64	0.00	3.64	18.000	**OK**	0.132	0.132	1.062	1.062		0.141
	Grade		2154+95.00	HB45	1600.90	39.87	-2.00%	0.00	1601.70	0.00	-2.00%	0.00	1601.70	HB45	0.0050	0.2964	0.0000	0.104	0.122	**Left**	HB45	12.00	0.00	3.45	0.00	3.45	18.000	**OK**	0.119	0.119	1.025	1.025		0.122
	Grade		2155+00.00	HB45	1600.93	39.87	-2.00%	0.00	1601.73	0.00	-2.00%	0.00	1601.73	HB45	0.0050	0.2919	0.0000	0.085	0.104	**Left**	HB45	12.00	0.00	3.25	0.00	3.25	18.000	**OK**	0.105	0.105	0.984	0.984		0.104
	Grade		2155+05.00	HB45	1600.95	39.86	-2.00%	0.00	1601.75	0.00	-2.00%	0.00	1601.75	HB45	0.0050	0.2873	0.0000	0.067	0.085	**Left**	HB45	12.00	0.00	3.02	0.00	3.02	18.000	**OK**	0.091	0.091	0.938	0.938		0.085
	Grade		2155+10.00	HB45	1600.98	39.86	-2.00%	0.00	1601.78	0.00	-2.00%	0.00	1601.78	HB45	0.0050	0.2827	0.0000	0.049	0.067	**Left**	HB45	12.00	0.00	2.76	0.00	2.76	18.000	**OK**	0.076	0.076	0.883	0.883		0.067
	Grade		2155+15.00	HB45	1601.00	39.86	-2.00%	0.00	1601.80	0.00	-2.00%	0.00	1601.80	HB45	0.0050	0.2781	0.0000	0.030	0.049	**Left**	HB45	12.00	0.00	2.45	0.00	2.45	18.000	**OK**	0.060	0.060	0.815	0.815		0.049
	Grade		2155+20.00	HB45	1601.03	39.85	-2.00%	0.00	1601.83	0.00	-2.00%	0.00	1601.83	HB45	0.0050	0.2736	0.0000	0.012	0.030	**Left**	HB45	12.00	0.00	2.05	0.00	2.05	18.000	**OK**	0.042	0.042	0.724	0.724		0.030
	Grade	3	2155+25.00	HB45	1601.05	39.85	-2.00%	0.00	1601.85	0.00	-2.00%	0.00	1601.85	HB45	0.0050	0.2690	0.0000	1.042	1.060	**Left**	HB45	12.00	0.00	4.50	1.51	6.01	18.000	**OK**	0.526	0.549	1.995	1.932	3	1.060
	Grade		2155+30.00	HB45	1601.08	39.84	-2.00%	0.00	1601.88	0.00	-2.00%	0.00	1601.88	HB45	0.0050	0.2644	0.0000	1.023	1.042	**Left**	HB45	12.00	0.00	4.50	1.45	5.95	18.000	**OK**	0.521	0.542	1.983	1.924		1.042
	Grade		2155+35.00	HB45	1601.10	39.84	-2.00%	0.00	1601.90	0.00	-2.00%	0.00	1601.90	HB45	0.0050	0.2598	0.0000	1.005	1.023	**Left**	HB45	12.00	0.00	4.50	1.39	5.89	18.000	**OK**	0.515	0.534	1.970	1.915		1.023
	Grade		2155+40.00	HB45	1601.13	39.83	-2.00%	0.00	1601.93	0.00	-2.00%	0.00	1601.93	HB45	0.0050	0.2553	0.0000	0.987	1.005	**Left**	HB45	12.00	0.00	4.50	1.33	5.83	18.000	**OK**	0.510	0.527	1.957	1.906		1.005
	Grade		2155+45.00	HB45	1601.15	39.83	-2.00%	0.00	1601.95	0.00	-2.00%	0.00	1601.95	HB45	0.0050	0.2507	0.0000	0.968	0.987	**Left**	HB45	12.00	0.00	4.50	1.27	5.77	18.000	**OK**	0.504	0.520	1.944	1.897		0.987
	Grade		2155+50.00	HB45	1601.18	39.82	-2.00%	0.00	1601.98	0.00	-2.00%	0.00	1601.98	HB45	0.0050	0.2461	0.0000	0.950	0.968	**Left**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.498	0.513	1.931	1.888		0.968
	Grade		2155+55.00	HB45	1601.20	39.82	-2.00%	0.00	1602.00	0.00	-2.00%	0.00	1602.00	HB45	0.0050	0.2416	0.0000	0.932	0.950	**Left**	HB45	12.00	0.00	4.50	1.14	5.64	18.000	**OK**	0.493	0.506	1.918	1.878		0.950
	Grade		2155+60.00	HB45	1601.23	39.82	-2.00%	0.00	1602.03	0.00	-2.00%	0.00	1602.03	HB45	0.0050	0.2370	0.0000	0.914	0.932	**Left**	HB45	12.00	0.00	4.50	1.08	5.58	18.000	**OK**	0.487	0.499	1.904	1.869		0.932
	Grade		2155+65.00	HB45	1601.25	39.81	-2.00%	0.00	1602.05	0.00	-2.00%	0.00	1602.05	HB45	0.0050	0.2324	0.0000	0.895	0.914	**Left**	HB45	12.00	0.00	4.50	1.01	5.51	18.000	**OK**	0.481	0.492	1.890	1.858		0.914
	Grade		2155+70.00	HB45	1601.28	39.81	-2.00%	0.00	1602.08	0.00	-2.00%	0.00	1602.08	HB45	0.0050	0.2278	0.0000	0.877	0.895	**Left**	HB45	12.00	0.00	4.50	0.95	5.45	18.000	**OK**	0.475	0.484	1.876	1.848		0.895
	Grade		2155+75.00	HB45	1601.30	39.80	-2.00%	0.00	1602.10	0.00	-2.00%	0.00	1602.10	HB45	0.0050	0.2233	0.0000	0.859	0.877	**Left**	HB45	12.00	0.00	4.50	0.88	5.38	18.000	**OK**	0.469	0.477	1.862	1.837		0.877
	Grade		2155+80.00	HB45	1601.33	39.80	-2.00%	0.00	1602.13	0.00	-2.00%	0.00	1602.13	HB45	0.0050	0.2187	0.0000	0.840	0.859	**Left**	HB45	12.00	0.00	4.50	0.82	5.32	18.000	**OK**	0.463	0.470	1.848	1.826		0.859
	Grade		2155+85.00	HB45	1601.35	39.79	-2.00%	0.00	1602.15	0.00	-2.00%	0.00	1602.15	HB45	0.0050	0.2141	0.0000	0.822	0.840	**Left**	HB45	12.00	0.00	4.50	0.75	5.25	18.000	**OK**	0.457	0.463	1.833	1.815		0.840
	Grade		2155+90.00	HB45	1601.38	39.79	-2.00%	0.00	1602.18	0.00	-2.00%	0.00	1602.18	HB45	0.0050	0.2096	0.0000	0.804	0.822	**Left**	HB45	12.00	0.00	4.50	0.68	5.18	18.000	**OK**	0.451	0.456	1.819	1.803		0.822
	Grade		2155+95.00	HB45	1601.40	39.78	-2.00%	0.00	1602.20	0.00	-2.00%	0.00	1602.20	HB45	0.0050	0.2050	0.0000	0.785	0.804	**Left**	HB45	12.00	0.00	4.50	0.61	5.11	18.000	**OK**	0.445	0.449	1.804	1.791		0.804
	Grade		2156+00.00	HB45	1601.43	39.78	-2.00%	0.00	1602.23	0.00	-2.00%	0.00	1602.23	HB45	0.0050	0.2004	0.0000	0.767	0.785	**Left**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.439	0.442	1.789	1.778		0.785
	Grade		2156+05.00	HB45	1601.45	39.78	-2.00%	0.00	1602.25	0.00	-2.00%	0.00	1602.25	HB45	0.0050	0.1959	0.0000	0.749	0.767	**Left**	HB45	12.00	0.00	4.50	0.47	4.97	18.000	**OK**	0.432	0.434	1.773	1.765		0.767
	Grade		2156+10.00	HB45	1601.48	39.77	-2.00%	0.00	1602.28	0.00	-2.00%	0.00	1602.28	HB45	0.0050	0.1913	0.0000	0.730	0.749	**Left**	HB45	12.00	0.00	4.50	0.40	4.90	18.000	**OK**	0.426	0.427	1.758	1.752		0.749
	Grade		2156+15.00	HB45	1601.50	39.77	-2.00%	0.00	1602.30	0.00	-2.00%	0.00	1602.30	HB45	0.0050	0.1867	0.0000	0.712	0.730	**Left**	HB45	12.00	0.00	4.50	0.32	4.82	18.000	**OK**	0.419	0.420	1.742	1.738		0.730
	Grade		2156+20.00	HB45	1601.53	39.76	-2.00%	0.00	1602.33	0.00	-2.00%	0.00	1602.33	HB45	0.0050	0.1822	0.0000	0.694	0.712	**Left**	HB45	12.00	0.00	4.50	0.25	4.75	18.000	**OK**	0.413	0.413	1.726	1.723		0.712
	Grade		2156+25.00	HB45	1601.55	39.76	-2.00%	0.00	1602.35	0.00	-2.00%	0.00	1602.35	HB45	0.0050	0.1776	0.0000	0.676	0.694	**Left**	HB45	12.00	0.00	4.50	0.18	4.68	18.000	**OK**	0.406	0.406	1.709	1.708		0.694
	Grade		2156+30.00	HB45	1601.58	39.75	-2.00%	0.00	1602.38	0.00	-2.00%	0.00	1602.38	HB45	0.0050	0.1730	0.0000	0.657	0.676	**Left**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.399	0.399	1.693	1.692		0.676
	Grade		2156+35.00	HB45	1601.61	39.75	-2.00%	0.00	1602.40	0.00	-2.00%	0.00	1602.40	HB45	0.0050	0.1685	0.0000	0.639	0.657	**Left**	HB45	12.00	0.00	4.50	0.02	4.52	18.000	**OK**	0.392	0.392	1.676	1.676		0.657
	Grade		2156+40.00	HB45	1601.63	39.74	-2.00%	0.00	1602.43	0.00	-2.00%	0.00	1602.43	HB45	0.0050	0.1639	0.0000	0.621	0.639	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.385	0.385	1.659	1.659		0.639
	Grade		2156+45.00	HB45	1601.66	39.74	-2.00%	0.00	1602.45	0.00	-2.00%	0.00	1602.45	HB45	0.0050	0.1594	0.0000	0.602	0.621	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.378	0.378	1.641	1.641		0.621
	Grade		2156+50.00	HB45	1601.68	39.73	-2.00%	0.00	1602.48	0.00	-2.00%	0.00	1602.48	HB45	0.0050	0.1548	0.0000	0.584	0.602	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.371	0.371	1.624	1.624		0.602
	Grade		2156+55.00	HB45	1601.71	39.73	-2.00%	0.00	1602.50	0.00	-2.00%	0.00	1602.50	HB45	0.0050	0.1502	0.0000	0.566	0.584	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.364	0.364	1.606	1.606		0.584
	Grade		2156+60.00	HB45	1601.73	39.73	-2.00%	0.00	1602.53	0.00	-2.00%	0.00	1602.53	HB45	0.0050	0.1457	0.0000	0.547	0.566	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.356	0.356	1.588	1.588		0.566
	Grade		2156+65.00	HB45	1601.76	39.72	-2.00%	0.00	1602.55	0.00	-2.00%	0.00	1602.55	HB45	0.0050	0.1411	0.0000	0.529	0.547	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.349	0.349	1.570	1.570		0.547
	Grade		2156+70.00	HB45	1601.78	39.72	-2.00%	0.00	1602.58	0.00	-2.00%	0.00	1602.58	HB45	0.0050	0.1366	0.0000	0.511	0.529	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	1.551	1.551		0.529
	Grade		2156+75.00	HB45	1601.81	39.71	-2.00%	0.00	1602.60	0.00	-2.00%	0.00	1602.60	HB45	0.0050	0.1320	0.0000	0.493	0.511	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.334	0.334	1.532	1.532		0.511
	Grade		2156+80.00	HB45	1601.83	39.71	-2.00%	0.00	1602.63	0.00	-2.00%	0.00	1602.63	HB45	0.0050	0.1274	0.0000	0.474	0.493	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.326	0.326	1.513	1.513		0.493
	Grade		2156+85.00	HB45	1601.86	39.70	-2.00%	0.00	1602.65	0.00	-2.00%	0.00	1602.65	HB45	0.0050	0.1229	0.0000	0.456	0.474	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.318	0.318	1.493	1.493		0.474
	Grade		2156+90.00	HB45	1601.88	39.70	-2.00%	0.00	1602.68	0.00	-2.00%	0.00	1602.68	HB45	0.0050	0.1183	0.0000	0.438	0.456	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.310	0.310	1.473	1.473		0.456
	Grade		2156+95.00	HB45	1601.91	39.69	-2.00%	0.00	1602.70	0.00	-2.00%	0.00	1602.70	HB45	0.0050	0.1138	0.0000	0.420	0.438	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.301	0.301	1.453	1.453		0.438

Alignment:	Grade or Sag	Sta Incr(ft): >>	Station	Left C&G	Left EOP	Left EOP	Left	Left LS	PGL	Right LS	Right	Right EOP	Right EOP	Right C&G	Long.	Paved	Unpaved	Carryover	Cumul. Flow																		
		CB Type	5.00	Style	Elev	Offset	X-Slope	Width	Elev	Width	X-Slope	Offset	Elev	Style	Slope, S_L	Area	Area	$Q_{Carryover}$	$Q_{cumulative}$	Flow on Which Side?	Curb	Shldr Width	T1	T2	T3	**Total T**	Allowable Spread, Ta	T < Ta	Aw	A	Vw	V	Catch Basin	Total Q at CP
					(ft)	(ft)	(%)	(ft)	(ft)	(ft)	(%)	(ft)	(ft)		(ft/ft)	(acre)	(acre)	(cfs)	(cfs)	(Left/Right)	Type (code)	(ft)				**(ft)**	(ft)		(sq ft)	(sq ft)	(fps)	(fps)		(cfs)
	Grade		2157+00.00	HB45	1601.93	39.69	-2.00%	0.00	1602.73	0.00	-2.00%	0.00	1602.73	HB45	0.0050	0.1092	0.0000	0.401	0.420	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.293	0.293	1.432	1.432		0.420
	Grade		2157+05.00	HB45	1601.96	39.69	-2.00%	0.00	1602.75	0.00	-2.00%	0.00	1602.75	HB45	0.0050	0.1046	0.0000	0.383	0.401	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	1.411	1.411		0.401
	Grade		2157+10.00	HB45	1601.98	39.68	-2.00%	0.00	1602.78	0.00	-2.00%	0.00	1602.78	HB45	0.0050	0.1001	0.0000	0.365	0.383	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.276	0.276	1.390	1.390		0.383
	Grade		2157+15.00	HB45	1602.01	39.68	-2.00%	0.00	1602.80	0.00	-2.00%	0.00	1602.80	HB45	0.0050	0.0955	0.0000	0.347	0.365	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.267	0.267	1.368	1.368		0.365
	Grade		2157+20.00	HB45	1602.03	39.67	-2.00%	0.00	1602.83	0.00	-2.00%	0.00	1602.83	HB45	0.0050	0.0910	0.0000	0.328	0.347	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.257	0.257	1.346	1.346		0.347
	Grade		2157+25.00	HB45	1602.06	39.67	-2.00%	0.00	1602.85	0.00	-2.00%	0.00	1602.85	HB45	0.0050	0.0864	0.0000	0.310	0.328	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.248	0.248	1.324	1.324		0.328
	Grade		2157+30.00	HB45	1602.08	39.66	-2.00%	0.00	1602.88	0.00	-2.00%	0.00	1602.88	HB45	0.0050	0.0819	0.0000	0.292	0.310	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.238	0.238	1.301	1.301		0.310
	Grade		2157+35.00	HB45	1602.11	39.66	-2.00%	0.00	1602.90	0.00	-2.00%	0.00	1602.90	HB45	0.0050	0.0773	0.0000	0.274	0.292	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.228	0.228	1.279	1.279		0.292
	Grade		2157+40.00	HB45	1602.13	39.65	-2.00%	0.00	1602.93	0.00	-2.00%	0.00	1602.93	HB45	0.0050	0.0728	0.0000	0.255	0.274	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.218	0.218	1.256	1.256		0.274
	Grade		2157+45.00	HB45	1602.16	39.65	-2.00%	0.00	1602.95	0.00	-2.00%	0.00	1602.95	HB45	0.0050	0.0682	0.0000	0.237	0.255	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.207	0.207	1.233	1.233		0.255
	Grade		2157+50.00	HB45	1602.18	39.64	-2.00%	0.00	1602.98	0.00	-2.00%	0.00	1602.98	HB45	0.0050	0.0637	0.0000	0.219	0.237	**Left**	HB45	12.00	0.00	4.43	0.00	4.43	18.000	**OK**	0.196	0.196	1.210	1.210		0.237
	Grade		2157+55.00	HB45	1602.21	39.64	-2.00%	0.00	1603.00	0.00	-2.00%	0.00	1603.00	HB45	0.0050	0.0591	0.0000	0.201	0.219	**Left**	HB45	12.00	0.00	4.29	0.00	4.29	18.000	**OK**	0.184	0.184	1.186	1.186		0.219
	Grade		2157+60.00	HB45	1602.23	39.64	-2.00%	0.00	1603.03	0.00	-2.00%	0.00	1603.03	HB45	0.0050	0.0546	0.0000	0.182	0.201	**Left**	HB45	12.00	0.00	4.16	0.00	4.16	18.000	**OK**	0.173	0.173	1.160	1.160		0.201
	Grade		2157+65.00	HB45	1602.26	39.63	-2.00%	0.00	1603.05	0.00	-2.00%	0.00	1603.05	HB45	0.0050	0.0500	0.0000	0.164	0.182	**Left**	HB45	12.00	0.00	4.01	0.00	4.01	18.000	**OK**	0.161	0.161	1.133	1.133		0.182
	Grade		2157+70.00	HB45	1602.28	39.63	-2.00%	0.00	1603.08	0.00	-2.00%	0.00	1603.08	HB45	0.0050	0.0455	0.0000	0.146	0.164	**Left**	HB45	12.00	0.00	3.86	0.00	3.86	18.000	**OK**	0.149	0.149	1.104	1.104		0.164
	Grade		2157+75.00	HB45	1602.31	39.62	-2.00%	0.00	1603.10	0.00	-2.00%	0.00	1603.10	HB45	0.0050	0.0409	0.0000	0.128	0.146	**Left**	HB45	12.00	0.00	3.69	0.00	3.69	18.000	**OK**	0.136	0.136	1.072	1.072		0.146
	Grade		2157+80.00	HB45	1602.33	39.62	-2.00%	0.00	1603.13	0.00	-2.00%	0.00	1603.13	HB45	0.0050	0.0364	0.0000	0.109	0.128	**Left**	HB45	12.00	0.00	3.51	0.00	3.51	18.000	**OK**	0.123	0.123	1.036	1.036		0.128
	Grade		2157+85.00	HB45	1602.36	39.61	-2.00%	0.00	1603.15	0.00	-2.00%	0.00	1603.15	HB45	0.0050	0.0318	0.0000	0.091	0.109	**Left**	HB45	12.00	0.00	3.31	0.00	3.31	18.000	**OK**	0.110	0.110	0.997	0.997		0.109
	Grade		2157+90.00	HB45	1602.38	39.61	-2.00%	0.00	1603.18	0.00	-2.00%	0.00	1603.18	HB45	0.0050	0.0273	0.0000	0.073	0.091	**Left**	HB45	12.00	0.00	3.09	0.00	3.09	18.000	**OK**	0.096	0.096	0.953	0.953		0.091
	Grade		2157+95.00	HB45	1602.41	39.60	-2.00%	0.00	1603.20	0.00	-2.00%	0.00	1603.20	HB45	0.0050	0.0227	0.0000	0.055	0.073	**Left**	HB45	12.00	0.00	2.84	0.00	2.84	18.000	**OK**	0.081	0.081	0.901	0.901		0.073
	Grade		2158+00.00	HB45	1602.43	39.60	-2.00%	0.00	1603.23	0.00	-2.00%	0.00	1603.23	HB45	0.0050	0.0182	0.0000	0.036	0.055	**Left**	HB45	12.00	0.00	2.55	0.00	2.55	18.000	**OK**	0.065	0.065	0.839	0.839		0.055
	Grade		2158+05.00	HB45	1602.46	39.60	-2.00%	0.00	1603.25	0.00	-2.00%	0.00	1603.25	HB45	0.0050	0.0136	0.0000	0.018	0.036	**Left**	HB45	12.00	0.00	2.19	0.00	2.19	18.000	**OK**	0.048	0.048	0.758	0.758		0.036
	Grade		2158+10.00	HB45	1602.48	39.60	-2.00%	0.00	1603.28	0.00	-2.00%	0.00	1603.28	HB45	0.0050	0.0091	0.0000	0.000	0.018	**Left**	HB45	12.00	0.00	1.69	0.00	1.69	18.000	**OK**	0.029	0.029	0.637	0.637		0.018
	Grade	3	2158+15.00	HB45	1602.51	39.58	-2.00%	0.00	1603.30	0.00	-2.00%	0.00	1603.30	HB45	0.0050	0.0045	0.0000	0.000	0.018	**Left**	HB45	12.00	0.00	1.69	0.00	1.69	18.000	**OK**	0.029	0.029	0.637	0.637	3	0.018

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> / CB Type	Station / 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
			1972+00.00			71.03						0.00																					
↓ West	Grade	3	1972+05.00	HB45	1569.35	71.03	1.017%	0.00	1568.63	0.00	1.017%	0.00	1568.63	HB45	-0.0100	0.0082	0.0000	0.000	0.033	**Right**	HB45	12.00	0.00	1.85	0.00	1.85	18.000	**OK**	0.034	0.034	0.956	0.956		0.033
↓ to	Grade		1972+10.00	HB45	1569.31	71.05	1.033%	0.00	1568.58	0.00	1.033%	0.00	1568.58	HB45	-0.0100	0.0163	0.0000	0.033	0.065	**Right**	HB45	12.00	0.00	2.40	0.00	2.40	18.000	**OK**	0.057	0.057	1.137	1.137		0.065
↓ East	Grade		1972+15.00	HB45	1569.28	71.08	1.050%	0.00	1568.53	0.00	1.050%	0.00	1568.53	HB45	-0.0100	0.0245	0.0000	0.065	0.098	**Right**	HB45	12.00	0.00	2.79	0.00	2.79	18.000	**OK**	0.078	0.078	1.259	1.259		0.098
↓	Grade		1972+20.00	HB45	1569.24	71.10	1.067%	0.00	1568.48	0.00	1.067%	0.00	1568.48	HB45	-0.0100	0.0326	0.0000	0.098	0.131	**Right**	HB45	12.00	0.00	3.11	0.00	3.11	18.000	**OK**	0.097	0.097	1.352	1.352		0.131
↓	Grade		1972+25.00	HB45	1569.21	71.13	1.083%	0.00	1568.44	0.00	1.083%	0.00	1568.44	HB45	-0.0080	0.0408	0.0000	0.131	0.164	**Right**	HB45	12.00	0.00	3.53	0.00	3.53	18.000	**OK**	0.124	0.124	1.315	1.315		0.164
↓	Grade		1972+30.00	HB45	1569.17	71.15	1.100%	0.00	1568.39	0.00	1.100%	0.00	1568.39	HB45	-0.0100	0.0490	0.0000	0.164	0.196	**Right**	HB45	12.00	0.00	3.62	0.00	3.62	18.000	**OK**	0.131	0.131	1.497	1.497		0.196
↓	Grade		1972+35.00	HB45	1569.13	71.18	1.117%	0.00	1568.34	0.00	1.117%	0.00	1568.34	HB45	-0.0100	0.0571	0.0000	0.196	0.229	**Right**	HB45	12.00	0.00	3.84	0.00	3.84	18.000	**OK**	0.147	0.147	1.556	1.556		0.229
↓	Grade		1972+40.00	HB45	1569.10	71.20	1.133%	0.00	1568.29	0.00	1.133%	0.00	1568.29	HB45	-0.0100	0.0653	0.0000	0.229	0.262	**Right**	HB45	12.00	0.00	4.03	0.00	4.03	18.000	**OK**	0.163	0.163	1.609	1.609		0.262
↓	Grade		1972+45.00	HB45	1569.06	71.23	1.150%	0.00	1568.24	0.00	1.150%	0.00	1568.24	HB45	-0.0100	0.0735	0.0000	0.262	0.295	**Right**	HB45	12.00	0.00	4.22	0.00	4.22	18.000	**OK**	0.178	0.178	1.657	1.657		0.295
↓	Grade		1972+50.00	HB45	1569.02	71.25	1.167%	0.00	1568.19	0.00	1.167%	0.00	1568.19	HB45	-0.0100	0.0816	0.0000	0.295	0.327	**Right**	HB45	12.00	0.00	4.39	0.00	4.39	18.000	**OK**	0.192	0.192	1.701	1.701		0.327
↓	Grade		1972+55.00	HB45	1568.99	71.28	1.183%	0.00	1568.15	0.00	1.183%	0.00	1568.15	HB45	-0.0080	0.0898	0.0000	0.327	0.360	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.224	0.224	1.606	1.606		0.360
↓	Grade		1972+60.00	HB45	1568.96	71.30	1.200%	0.00	1568.10	0.00	1.200%	0.00	1568.10	HB45	-0.0100	0.0980	0.0000	0.360	0.393	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.220	0.220	1.783	1.783		0.393
↓	Grade		1972+65.00	HB45	1568.92	71.33	1.217%	0.00	1568.05	0.00	1.217%	0.00	1568.05	HB45	-0.0100	0.1062	0.0000	0.393	0.426	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.233	0.233	1.825	1.825		0.426
↓	Grade		1972+70.00	HB45	1568.88	71.35	1.233%	0.00	1568.00	0.00	1.233%	0.00	1568.00	HB45	-0.0100	0.1144	0.0000	0.426	0.459	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.246	0.246	1.865	1.865		0.459
↓	Grade		1972+75.00	HB45	1568.84	71.38	1.250%	0.00	1567.95	0.00	1.250%	0.00	1567.95	HB45	-0.0100	0.1226	0.0000	0.459	0.491	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.258	0.258	1.905	1.905		0.491
↓	Grade		1972+80.00	HB45	1568.80	71.40	1.267%	0.00	1567.90	0.00	1.267%	0.00	1567.90	HB45	-0.0100	0.1308	0.0000	0.491	0.524	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.270	0.270	1.945	1.945		0.524
↓	Grade		1972+85.00	HB45	1568.77	71.43	1.283%	0.00	1567.85	0.00	1.283%	0.00	1567.85	HB45	-0.0100	0.1390	0.0000	0.524	0.557	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.281	0.281	1.984	1.984		0.557
↓	Grade		1972+90.00	HB45	1568.74	71.45	1.300%	0.00	1567.81	0.00	1.300%	0.00	1567.81	HB45	-0.0080	0.1472	0.0000	0.557	0.590	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.314	0.314	1.878	1.878		0.590
↓	Grade		1972+95.00	HB45	1568.70	71.48	1.317%	0.00	1567.76	0.00	1.317%	0.00	1567.76	HB45	-0.0100	0.1554	0.0000	0.590	0.623	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.303	0.303	2.059	2.059		0.623
↓	Grade		1973+00.00	HB45	1568.66	71.50	1.333%	0.00	1567.71	0.00	1.333%	0.00	1567.71	HB45	-0.0100	0.1636	0.0000	0.623	0.656	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.313	0.313	2.095	2.095		0.656
↓	Grade		1973+05.00	HB45	1568.63	71.53	1.350%	0.00	1567.66	0.00	1.350%	0.00	1567.66	HB45	-0.0100	0.1718	0.0000	0.656	0.689	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.323	0.323	2.131	2.131		0.689
↓	Grade		1973+10.00	HB45	1568.59	71.55	1.367%	0.00	1567.61	0.00	1.367%	0.00	1567.61	HB45	-0.0100	0.1800	0.0000	0.689	0.722	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.333	0.333	2.165	2.165		0.722
↓	Grade		1973+15.00	HB45	1568.55	71.58	1.383%	0.00	1567.56	0.00	1.383%	0.00	1567.56	HB45	-0.0100	0.1882	0.0000	0.722	0.755	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	2.200	2.200		0.755
↓	Grade		1973+20.00	HB45	1568.51	71.60	1.400%	0.00	1567.51	0.00	1.400%	0.00	1567.51	HB45	-0.0100	0.1964	0.0000	0.755	0.787	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.353	0.353	2.233	2.233		0.787
↓	Grade		1973+25.00	HB45	1568.48	71.63	1.417%	0.00	1567.47	0.00	1.417%	0.00	1567.47	HB45	-0.0080	0.2046	0.0000	0.787	0.820	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.389	0.389	2.110	2.110		0.820
↓	Grade		1973+30.00	HB45	1568.45	71.65	1.433%	0.00	1567.42	0.00	1.433%	0.00	1567.42	HB45	-0.0100	0.2129	0.0000	0.820	0.853	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.371	0.371	2.298	2.298		0.853
↓	Grade		1973+35.00	HB45	1568.41	71.68	1.450%	0.00	1567.37	0.00	1.450%	0.00	1567.37	HB45	-0.0100	0.2211	0.0000	0.853	0.886	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.380	0.380	2.330	2.330		0.886
↓	Grade		1973+40.00	HB45	1568.37	71.70	1.467%	0.00	1567.32	0.00	1.467%	0.00	1567.32	HB45	-0.0100	0.2293	0.0000	0.886	0.919	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.389	0.389	2.361	2.361		0.919
↓	Grade		1973+45.00	HB45	1568.33	71.73	1.483%	0.00	1567.27	0.00	1.483%	0.00	1567.27	HB45	-0.0100	0.2375	0.0000	0.919	0.952	**Right**	HB45	12.00	0.00	4.50	0.12	4.62	18.000	**OK**	0.398	0.398	2.391	2.391		0.952
↓	Grade		1973+50.00	HB45	1568.30	71.75	1.500%	0.00	1567.22	0.00	1.500%	0.00	1567.22	HB45	-0.0100	0.2458	0.0000	0.952	0.985	**Right**	HB45	12.00	0.00	4.50	0.25	4.75	18.000	**OK**	0.407	0.407	2.421	2.418		0.985
↓	Grade		1973+55.00	HB45	1568.27	71.78	1.517%	0.00	1567.18	0.00	1.517%	0.00	1567.18	HB45	-0.0080	0.2540	0.0000	0.985	1.018	**Right**	HB45	12.00	0.00	4.50	0.81	5.31	18.000	**OK**	0.445	0.450	2.283	2.261		1.018
↓	Grade		1973+60.00	HB45	1568.23	71.80	1.533%	0.00	1567.13	0.00	1.533%	0.00	1567.13	HB45	-0.0100	0.2623	0.0000	1.018	1.051	**Right**	HB45	12.00	0.00	4.50	0.49	4.99	18.000	**OK**	0.424	0.426	2.479	2.470		1.051
↓	Grade		1973+65.00	HB45	1568.19	71.83	1.550%	0.00	1567.08	0.00	1.550%	0.00	1567.08	HB45	-0.0100	0.2705	0.0000	1.051	1.084	**Right**	HB45	12.00	0.00	4.50	0.60	5.10	18.000	**OK**	0.432	0.435	2.507	2.493		1.084
↓	Grade		1973+70.00	HB45	1568.16	71.85	1.567%	0.00	1567.03	0.00	1.567%	0.00	1567.03	HB45	-0.0100	0.2787	0.0000	1.084	1.118	**Right**	HB45	12.00	0.00	4.50	0.71	5.21	18.000	**OK**	0.440	0.444	2.535	2.515		1.118
↓	Grade		1973+75.00	HB45	1568.12	71.88	1.583%	0.00	1566.98	0.00	1.583%	0.00	1566.98	HB45	-0.0100	0.2870	0.0000	1.118	1.151	**Right**	HB45	12.00	0.00	4.50	0.82	5.32	18.000	**OK**	0.448	0.454	2.562	2.537		1.151
↓	Grade		1973+80.00	HB45	1568.08	71.90	1.600%	0.00	1566.93	0.00	1.600%	0.00	1566.93	HB45	-0.0100	0.2952	0.0000	1.151	1.184	**Right**	HB45	12.00	0.00	4.50	0.92	5.42	18.000	**OK**	0.456	0.463	2.589	2.557		1.184
↓	Grade		1973+85.00	HB45	1568.04	71.93	1.617%	0.00	1566.88	0.00	1.617%	0.00	1566.88	HB45	-0.0100	0.3035	0.0000	1.184	1.217	**Right**	HB45	12.00	0.00	4.50	1.02	5.52	18.000	**OK**	0.464	0.472	2.615	2.577		1.217
↓	Grade		1973+90.00	HB45	1568.02	71.95	1.633%	0.00	1566.84	0.00	1.633%	0.00	1566.84	HB45	-0.0080	0.3118	0.0000	1.217	1.250	**Right**	HB45	12.00	0.00	4.50	1.55	6.05	18.000	**OK**	0.504	0.524	2.459	2.387		1.250
↓	Grade		1973+95.00	HB45	1567.98	71.98	1.650%	0.00	1566.79	0.00	1.650%	0.00	1566.79	HB45	-0.0100	0.3200	0.0000	1.250	1.283	**Right**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.479	0.491	2.666	2.614		1.283
↓	Grade		1974+00.00	HB45	1567.94	72.00	1.667%	0.00	1566.74	0.00	1.667%	0.00	1566.74	HB45	-0.0100	0.3283	0.0000	1.283	1.316	**Right**	HB45	12.00	0.00	4.50	1.29	5.79	18.000	**OK**	0.486	0.500	2.690	2.631		1.316
↓	Grade		1974+05.00	HB45	1567.90	71.98	1.683%	0.00	1566.69	0.00	1.683%	0.00	1566.69	HB45	-0.0100	0.3365	0.0000	1.316	1.349	**Right**	HB45	12.00	0.00	4.50	1.37	5.87	18.000	**OK**	0.494	0.509	2.715	2.648		1.349
↓	Grade		1974+10.00	HB45	1567.86	71.97	1.700%	0.00	1566.64	0.00	1.700%	0.00	1566.64	HB45	-0.0100	0.3448	0.0000	1.349	1.382	**Right**	HB45	12.00	0.00	4.50	1.45	5.95	18.000	**OK**	0.501	0.519	2.739	2.665		1.382
↓	Grade		1974+15.00	HB45	1567.83	71.95	1.717%	0.00	1566.59	0.00	1.717%	0.00	1566.59	HB45	-0.0100	0.3531	0.0000	1.382	1.415	**Right**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.508	0.528	2.762	2.681		1.415
↓	Grade		1974+20.00	HB45	1567.79	71.93	1.733%	0.00	1566.54	0.00	1.733%	0.00	1566.54	HB45	-0.0100	0.3613	0.0000	1.415	1.449	**Right**	HB45	12.00	0.00	4.50	1.60	6.10	18.000	**OK**	0.515	0.537	2.785	2.697		1.449
↓	Grade		1974+25.00	HB45	1567.76	71.92	1.750%	0.00	1566.50	0.00	1.750%	0.00	1566.50	HB45	-0.0080	0.3696	0.0000	1.449	1.482	**Right**	HB45	12.00	0.00	4.50	2.11	6.61	18.000	**OK**	0.557	0.596	2.613	2.487		1.482
↓	Grade		1974+30.00	HB45	1567.72	71.90	1.767%	0.00	1566.45	0.00	1.767%	0.00	1566.45	HB45	-0.0100	0.3778	0.0000	1.482	1.515	**Right**	HB45	12.00	0.00	4.50	1.74	6.24	18.000	**OK**	0.529	0.555	2.830	2.727		1.515
↓	Grade		1974+35.00	HB45	1567.68	71.88	1.783%	0.00	1566.40	0.00	1.783%	0.00	1566.40	HB45	-0.0100	0.3861	0.0000	1.515	1.548	**Right**	HB45	12.00	0.00	4.50	1.81	6.31	18.000	**OK**	0.535	0.565	2.852	2.741		1.548
↓	Grade		1974+40.00	HB45	1567.64	71.87	1.800%	0.00	1566.35	0.00	1.800%	0.00	1566.35	HB45	-0.0100	0.3943	0.0000	1.548	1.581	**Right**	HB45	12.00	0.00	4.50	1.88	6.38	18.000	**OK**	0.542	0.574	2.874	2.756		1.581
↓	Grade		1974+45.00	HB45	1567.61	71.85	1.817%	0.00	1566.30	0.00	1.817%	0.00	1566.30	HB45	-0.0100	0.4026	0.0000	1.581	1.614	**Right**	HB45	12.00	0.00	4.50	1.94	6.44	18.000	**OK**	0.549	0.583	2.895	2.770		1.614
↓	Grade		1974+50.00	HB45	1567.57	71.83	1.833%	0.00	1566.25	0.00	1.833%	0.00	1566.25	HB45	-0.0100	0.4108	0.0000	1.614	1.647	**Right**	HB45	12.00	0.00	4.50	2.00	6.50	18.000	**OK**	0.555	0.592	2.917	2.784		1.647
↓	Grade		1974+55.00	HB45	1567.54	71.82	1.850%	0.00	1566.21	0.00	1.850%	0.00	1566.21	HB45	-0.0080	0.4191	0.0000	1.647	1.680	**Right**	HB45	12.00	0.00	4.50	2.50	7.00	18.000	**OK**	0.598	0.656	2.732	2.563		1.680
↓	Grade		1974+60.00	HB45	1567.50	71.80	1.867%	0.00	1566.16	0.00	1.867%	0.00	1566.16	HB45	-0.0100	0.4273	0.0000	1.680	1.713	**Right**	HB45	12.00	0.00	4.50	2.12	6.62	18.000	**OK**	0.568	0.610	2.958	2.811		1.713
↓	Grade		1974+65.00	HB45	1567.46	71.78	1.883%	0.00	1566.11	0.00	1.883%	0.00	1566.11	HB45	-0.0100	0.4356	0.0000	1.713	1.746	**Right**	HB45	12.00	0.00	4.50	2.17	6.67	18.000	**OK**	0.574	0.618	2.978	2.824		1.746
↓	Grade		1974+70.00	HB45	1567.42	71.77	1.900%	0.00	1566.06	0.00	1.900%	0.00	1566.06	HB45	-0.0100	0.4438	0.0000	1.746	1.779	**Right**	HB45	12.00	0.00	4.50	2.22	6.72	18.000	**OK**	0.580	0.627	2.998	2.837		1.779
↓	Grade		1974+75.00	HB45	1567.39	71.75	1.917%	0.00	1566.01	0.00	1.917%	0.00	1566.01	HB45	-0.0100	0.4520	0.0000	1.779	1.812	**Right**	HB45	12.00	0.00	4.50	2.28	6.78	18.000	**OK**	0.586	0.636	3.018	2.850		1.812
↓	Grade		1974+80.00	HB45	1567.35	71.73	1.933%	0.00	1565.96	0.00	1.933%	0.00	1565.96	HB45	-0.0100	0.4603	0.0000	1.812	1.845	**Right**	HB45	12.00	0.00	4.50	2.33	6.83	18.000	**OK**	0.592	0.645	3.037	2.862		1.845
↓	Grade		1974+85.00	HB45	1567.31	71.72	1.950%	0.00	1565.91	0.00	1.950%	0.00	1565.91	HB45	-0.0100	0.4685	0.0000	1.845	1.878	**Right**	HB45	12.00	0.00	4.50	2.37	6.87	18.000	**OK**	0.598	0.653	3.056	2.875		1.878
↓	Grade		1974+90.00	HB45	1567.28	71.70	1.967%	0.00	1565.87	0.00	1.967%	0.00	1565.87	HB45	-0.0080	0.4767	0.0000	1.878	1.911	**Right**	HB45	12.00	0.00	4.50	2.86	7.36	18.000	**OK**	0.643	0.723	2.859	2.644		1.911
↓	Grade		1974+95.00	HB45	1567.24	71.68	1.983%	0.00	1565.82	0.00	1.983%	0.00	1565.82	HB45	-0.0100	0.4850	0.0000	1.911	1.944	**Right**	HB45	12.00	0.00	4.50	2.47	6.97	18.000	**OK**	0.610	0.671	3.094	2.900		1.944
↓	Grade		1975+00.00	HB45	1567.20	71.67	2.000%	0.00	1565.77	0.00	2.000%	0.00	1565.77	HB45	-0.0100	0.4932	0.0000	1.944	1.977	**Right**	HB45	12.00	0.00	4.50	2.51	7.01	18.000	**OK**	0.616	0.679	3.112	2.912		1.977
↓	Grade		1975+05.00	HB45	1567.15	71.65	1.995%	0.00	1565.72	0.00	1.995%	0.00	1565.72	HB45	-0.0100	0.5014	0.0000	1.977	2.010	**Right**	HB45	12.00	0.00	4.50	2.58	7.08	18.000	**OK**	0.622	0.688	3.130	2.922		2.010
↓	Grade		1975+10.00	HB45	1567.09	71.63	1.988%	0.00	1565.67	0.00	1.988%	0.00	1565.67	HB45	-0.0100	0.5096	0.0000	2.010	2.043	**Right**	HB45	12.00	0.00	4.50	2.65	7.15	18.000	**OK**	0.627	0.697	3.148	2.931		2.043
↓	Grade		1975+15.00	HB45	1567.04	71.62	1.980%	0.00	1565.62	0.00	1.980%	0.00	1565.62	HB45	-0.0100	0.5179	0.0000	2.043	2.076	**Right**	HB45	12.00	0.00	4.50	2.72	7.22	18.000	**OK**	0.633	0.706	3.165	2.940		2.076
↓	Grade		1975+20.00	HB45	1566.98	71.60	1.972%	0.00	1565.57	0.00	1.972%	0.00	1565.57	HB45	-0.0100	0.5261	0.0000	2.076	2.109	**Right**	HB45	12.00	0.00	4.50	2.80	7.30	18.000	**OK**	0.638	0.715	3.182	2.949		2.109
↓	Grade		1975+25.00	HB45	1566.94	71.58	1.965%	0.00	1565.53	0.00	1.965%	0.00	1565.53	HB45	-0.0080	0.5343	0.0000	2.109	2.142	**Right**	HB45	12.00	0.00	4.50	3.32	7.82	18.000	**OK**	0.684	0.792	2.973	2.705		2.142
↓	Grade		1975+30.00	HB45	1566.88	71.57	1.957%	0.00	1565.48	0.00	1.957%	0.00	1565.48	HB45	-0.0100	0.5425	0.0000	2.142	2.175	**Right**	HB45	12.00	0.00	4.50	2.94	7.44	18.000	**OK**	0.649	0.733	3.216	2.965		2.175
↓	Grade		1975+35.00	HB45	1566.82	71.55	1.949%	0.00	1565.43	0.00	1.949%	0.00	1565.43	HB45	-0.0100	0.5507	0.0000	2.175	2.208	**Right**	HB45	12.00	0.00	4.50	3.01	7.51	18.000	**OK**	0.654	0.743	3.232	2.973		2.208
↓	Grade		1975+40.00	HB45	1566.77	71.53	1.942%	0.00	1565.38	0.00	1.942%	0.00	1565.38	HB45	-0.0100	0.5589	0.0000	2.208	2.241	**Right**	HB45	12.00	0.00	4.50	3.08	7.58	18.000	**OK**	0.659	0.752	3.248	2.981		2.241
↓	Grade		1975+45.00	HB45	1566.71	71.52	1.934%	0.00	1565.33	0.00	1.934%	0.00	1565.33	HB45	-0.0100	0.5671	0.0000	2.241	2.274	**Right**	HB45	12.00	0.00	4.50	3.15	7.65	18.000	**OK**	0.665	0.761	3.265	2.989		2.274
↓	Grade		1975+50.00	HB45	1566.66	71.50	1.926%	0.00	1565.28	0.00	1.926%	0.00	1565.28	HB45	-0.0100	0.5754	0.0000	2.274	2.307	**Right**	HB45	12.00	0.00	4.50	3.23	7.73	18.000	**OK**	0.670	0.770	3.280	2.996		2.307
↓	Grade		1975+55.00	HB45	1566.61	71.48	1.918%	0.00	1565.24	0.00	1.918%	0.00	1565.24	HB45	-0.0080	0.5836	0.0000	2.307	2.340	**Right**	HB45	12.00	0.00	4.50	3.77	8.27	18.000	**OK**	0.716	0.852	3.061	2.745		2.340
↓	Grade		1975+60.00	HB45	1566.56	71.47	1.911%	0.00	1565.19	0.00	1.911%	0.00	1565.19	HB45	-0.0100	0.5918	0.0000	2.340	2.372	**Right**	HB45	12.00	0.00	4.50	3.37	7.87	18.000	**OK**	0.680	0.788	3.311	3.011		2.372
↓	Grade		1975+65.00	HB45	1566.50	71.45	1.903%	0.00	1565.14	0.00	1.903%	0.00	1565.14	HB45	-0.0100	0.6000	0.0000	2.372	2.405	**Right**	HB45	12.00	0.00	4.50	3.44	7.94	18.000	**OK**	0.685	0.797	3.327	3.017		2.405
↓	Grade		1975+70.00	HB45	1566.44	71.43	1.895%	0.00	1565.09	0.00	1.895%	0.00	1565.09	HB45	-0.0100	0.6082	0.0000	2.405	2.438	**Right**	HB45	12.00	0.00	4.50	3.51	8.01	18.000	**OK**	0.689	0.806	3.342	3.024		2.438
↓	Grade		1975+75.00	HB45	1566.39	71.42	1.888%	0.00	1565.04	0.00	1.888%	0.00	1565.04	HB45	-0.0100	0.6164	0.0000	2.438	2.471	**Right**	HB45	12.00	0.00	4.50	3.58	8.08	18.000	**OK**	0.694	0.815	3.356	3.031		2.471

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade		1975+80.00	HB45	1566.33	71.40	1.880%	0.00	1564.99	0.00	1.880%	0.00	1564.99	HB45	-0.0100	0.6246	0.0000	2.471	2.504	**Right**	HB45	12.00	0.00	4.50	3.65	8.15	18.000	**OK**	0.699	0.824	3.371	3.037		2.504
↓	Grade		1975+85.00	HB45	1566.28	71.38	1.872%	0.00	1564.94	0.00	1.872%	0.00	1564.94	HB45	-0.0100	0.6328	0.0000	2.504	2.537	**Right**	HB45	12.00	0.00	4.50	3.72	8.22	18.000	**OK**	0.704	0.834	3.386	3.043		2.537
↓	Grade		1975+90.00	HB45	1566.23	71.37	1.864%	0.00	1564.90	0.00	1.864%	0.00	1564.90	HB45	-0.0080	0.6410	0.0000	2.537	2.570	**Right**	HB45	12.00	0.00	4.50	4.30	8.80	18.000	**OK**	0.751	0.923	3.156	2.784		2.570
↓	Grade		1975+95.00	HB45	1566.17	71.35	1.857%	0.00	1564.85	0.00	1.857%	0.00	1564.85	HB45	-0.0100	0.6491	0.0000	2.570	2.602	**Right**	HB45	12.00	0.00	4.50	3.87	8.37	18.000	**OK**	0.713	0.852	3.414	3.055		2.602
↓	Grade		1976+00.00	HB45	1566.12	71.33	1.849%	0.00	1564.80	0.00	1.849%	0.00	1564.80	HB45	-0.0100000	0.6573	0.0000	2.602	2.635	**Right**	HB45	12.00	0.00	4.50	3.94	8.44	18.000	**OK**	0.718	0.861	3.428	3.061		2.635
↓	Grade		1976+05.00	HB45	1566.06	71.32	1.841%	0.00	1564.75	0.00	1.841%	0.00	1564.75	HB45	-0.0100000	0.6655	0.0000	0.000	0.033	**Right**	HB45	12.00	0.00	1.85	0.00	1.85	18.000	**OK**	0.034	0.034	0.957	0.957		0.033
↓	Grade		1976+10.00	HB45	1566.01	71.30	1.834%	0.00	1564.70	0.00	1.834%	0.00	1564.70	HB45	-0.0100	0.6737	0.0000	0.033	0.066	**Right**	HB45	12.00	0.00	2.40	0.00	2.40	18.000	**OK**	0.058	0.058	1.138	1.138		0.066
↓	Grade		1976+15.00	HB45	1565.95	71.28	1.826%	0.00	1564.65	0.00	1.826%	0.00	1564.65	HB45	-0.0100	0.6819	0.0000	0.066	0.098	**Right**	HB45	12.00	0.00	2.80	0.00	2.80	18.000	**OK**	0.078	0.078	1.260	1.260		0.098
↓	Grade		1976+20.00	HB45	1565.90	71.27	1.818%	0.00	1564.60	0.00	1.818%	0.00	1564.60	HB45	-0.0100	0.6901	0.0000	0.098	0.131	**Right**	HB45	12.00	0.00	3.11	0.00	3.11	18.000	**OK**	0.097	0.097	1.354	1.354		0.131
↓	Grade		1976+25.00	HB45	1565.85	71.25	1.811%	0.00	1564.56	0.00	1.811%	0.00	1564.56	HB45	-0.0080	0.6982	0.0000	0.131	0.164	**Right**	HB45	12.00	0.00	3.53	0.00	3.53	18.000	**OK**	0.125	0.125	1.316	1.316		0.164
↓	Grade		1976+30.00	HB45	1565.79	71.23	1.803%	0.00	1564.51	0.00	1.803%	0.00	1564.51	HB45	-0.0100	0.7064	0.0000	0.164	0.197	**Right**	HB45	12.00	0.00	3.62	0.00	3.62	18.000	**OK**	0.131	0.131	1.498	1.498		0.197
↓	Grade		1976+35.00	HB45	1565.74	71.22	1.795%	0.00	1564.460	0.00	1.795%	0.00	1564.46	HB45	-0.0100	0.7146	0.0000	0.197	0.230	**Right**	HB45	12.00	0.00	3.84	0.00	3.84	18.000	**OK**	0.147	0.147	1.557	1.557		0.230
↓	Grade		1976+40.00	HB45	1565.68	71.20	1.787%	0.00	1564.410	0.00	1.787%	0.00	1564.41	HB45	-0.0100	0.7228	0.0000	0.230	0.262	**Right**	HB45	12.00	0.00	4.04	0.00	4.04	18.000	**OK**	0.163	0.163	1.610	1.610		0.262
↓	Grade		1976+45.00	HB45	1565.63	71.18	1.780%	0.00	1564.36	0.00	1.780%	0.00	1564.36	HB45	-0.0100	0.7309	0.0000	0.262	0.295	**Right**	HB45	12.00	0.00	4.22	0.00	4.22	18.000	**OK**	0.178	0.178	1.658	1.658		0.295
↓	Grade		1976+50.00	HB45	1565.57	71.17	1.772%	0.00	1564.31	0.00	1.772%	0.00	1564.31	HB45	-0.0100	0.7391	0.0000	0.295	0.328	**Right**	HB45	12.00	0.00	4.39	0.00	4.39	18.000	**OK**	0.193	0.193	1.702	1.702		0.328
↓	Grade		1976+55.00	HB45	1565.53	71.15	1.764%	0.00	1564.27	0.00	1.764%	0.00	1564.27	HB45	-0.0080	0.7473	0.0000	0.328	0.361	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.224	0.224	1.607	1.607		0.361
↓	Grade		1976+60.00	HB45	1565.47	71.13	1.757%	0.00	1564.22	0.00	1.757%	0.00	1564.22	HB45	-0.0100	0.7554	0.0000	0.361	0.393	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.220	0.220	1.784	1.784		0.393
↓	Grade		1976+65.00	HB45	1565.41	71.12	1.749%	0.00	1564.17	0.00	1.749%	0.00	1564.17	HB45	-0.0100	0.7636	0.0000	0.393	0.426	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.233	0.233	1.825	1.825		0.426
↓	Grade		1976+70.00	HB45	1565.36	71.10	1.741%	0.00	1564.12	0.00	1.741%	0.00	1564.12	HB45	-0.0100	0.7718	0.0000	0.426	0.459	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.246	0.246	1.866	1.866		0.459
↓	Grade		1976+75.00	HB45	1565.30	71.08	1.734%	0.00	1564.07	0.00	1.734%	0.00	1564.07	HB45	-0.0100	0.7799	0.0000	0.459	0.492	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.258	0.258	1.906	1.906		0.492
↓	Grade		1976+80.00	HB45	1565.25	71.07	1.726%	0.00	1564.02	0.00	1.726%	0.00	1564.02	HB45	-0.0100	0.7881	0.0000	0.492	0.524	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.270	0.270	1.945	1.945		0.524
↓	Grade		1976+85.00	HB45	1565.19	71.05	1.718%	0.00	1563.97	0.00	1.718%	0.00	1563.97	HB45	-0.0100	0.7963	0.0000	0.524	0.557	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.281	0.281	1.983	1.983		0.557
↓	Grade		1976+90.00	HB45	1565.14	71.03	1.710%	0.00	1563.93	0.00	1.710%	0.00	1563.93	HB45	-0.0080	0.8044	0.0000	0.557	0.590	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.314	0.314	1.877	1.877		0.590
↓	Grade		1976+95.00	HB45	1565.09	71.02	1.703%	0.00	1563.88	0.00	1.703%	0.00	1563.88	HB45	-0.0100	0.8126	0.0000	0.590	0.622	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.302	0.302	2.058	2.058		0.622
↓	Grade		1977+00.00	HB45	1565.03	71.00	1.695%	0.00	1563.83	0.00	1.695%	0.00	1563.83	HB45	-0.0100	0.8207	0.0000	0.622	0.655	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.313	0.313	2.094	2.094		0.655
↓	Grade		1977+05.00	HB45	1564.98	70.98	1.687%	0.00	1563.78	0.00	1.687%	0.00	1563.78	HB45	-0.0100	0.8289	0.0000	0.655	0.688	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.323	0.323	2.129	2.129		0.688
↓	Grade		1977+10.00	HB45	1564.92	70.97	1.680%	0.00	1563.73	0.00	1.680%	0.00	1563.73	HB45	-0.0100	0.8370	0.0000	0.688	0.720	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.333	0.333	2.164	2.164		0.720
↓	Grade		1977+15.00	HB45	1564.87	70.95	1.672%	0.00	1563.68	0.00	1.672%	0.00	1563.68	HB45	-0.0100	0.8451	0.0000	0.720	0.753	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	2.198	2.198		0.753
↓	Grade		1977+20.00	HB45	1564.81	70.93	1.664%	0.00	1563.63	0.00	1.664%	0.00	1563.63	HB45	-0.0100	0.8533	0.0000	0.753	0.786	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.352	0.352	2.231	2.231		0.786
↓	Grade		1977+25.00	HB45	1564.76	70.92	1.656%	0.00	1563.59	0.00	1.656%	0.00	1563.59	HB45	-0.0080	0.8614	0.0000	0.786	0.818	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.388	0.388	2.108	2.108		0.818
↓	Grade		1977+30.00	HB45	1564.71	70.90	1.649%	0.00	1563.54	0.00	1.649%	0.00	1563.54	HB45	-0.0100	0.8696	0.0000	0.818	0.851	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.371	0.371	2.296	2.296		0.851
↓	Grade		1977+35.00	HB45	1564.65	70.88	1.641%	0.00	1563.49	0.00	1.641%	0.00	1563.49	HB45	-0.0100	0.8777	0.0000	0.851	0.883	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.380	0.380	2.327	2.327		0.883
↓	Grade		1977+40.00	HB45	1564.60	70.87	1.633%	0.00	1563.44	0.00	1.633%	0.00	1563.44	HB45	-0.0100	0.8858	0.0000	0.883	0.916	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.389	0.389	2.358	2.358		0.916
↓	Grade		1977+45.00	HB45	1564.54	70.85	1.626%	0.00	1563.39	0.00	1.626%	0.00	1563.39	HB45	-0.0100	0.8940	0.0000	0.916	0.949	**Right**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.397	0.397	2.388	2.387		0.949
↓	Grade		1977+50.00	HB45	1564.49	70.83	1.618%	0.00	1563.34	0.00	1.618%	0.00	1563.34	HB45	-0.0100	0.9021	0.0000	0.949	0.981	**Right**	HB45	12.00	0.00	4.50	0.22	4.72	18.000	**OK**	0.406	0.406	2.417	2.415		0.981
↓	Grade		1977+55.00	HB45	1564.44	70.82	1.610%	0.00	1563.30	0.00	1.610%	0.00	1563.30	HB45	-0.0080	0.9102	0.0000	0.981	1.014	**Right**	HB45	12.00	0.00	4.50	0.75	5.25	18.000	**OK**	0.444	0.449	2.279	2.260		1.014
↓	Grade		1977+60.00	HB45	1564.38	70.80	1.603%	0.00	1563.25	0.00	1.603%	0.00	1563.25	HB45	-0.0100	0.9184	0.0000	1.014	1.046	**Right**	HB45	12.00	0.00	4.50	0.45	4.95	18.000	**OK**	0.423	0.424	2.475	2.466		1.046
↓	Grade		1977+65.00	HB45	1564.33	70.78	1.595%	0.00	1563.20	0.00	1.595%	0.00	1563.20	HB45	-0.0100	0.9265	0.0000	1.046	1.079	**Right**	HB45	12.00	0.00	4.50	0.57	5.07	18.000	**OK**	0.431	0.433	2.503	2.490		1.079
↓	Grade		1977+70.00	HB45	1564.27	70.77	1.587%	0.00	1563.15	0.00	1.587%	0.00	1563.15	HB45	-0.0100	0.9346	0.0000	1.079	1.112	**Right**	HB45	12.00	0.00	4.50	0.68	5.18	18.000	**OK**	0.439	0.443	2.530	2.512		1.112
↓	Grade		1977+75.00	HB45	1564.22	70.75	1.579%	0.00	1563.10	0.00	1.579%	0.00	1563.10	HB45	-0.0100	0.9427	0.0000	1.112	1.144	**Right**	HB45	12.00	0.00	4.50	0.80	5.30	18.000	**OK**	0.447	0.452	2.557	2.533		1.144
↓	Grade		1977+80.00	HB45	1564.16	70.73	1.572%	0.00	1563.05	0.00	1.572%	0.00	1563.05	HB45	-0.0100	0.9509	0.0000	1.144	1.177	**Right**	HB45	12.00	0.00	4.50	0.91	5.41	18.000	**OK**	0.454	0.461	2.583	2.552		1.177
↓	Grade		1977+85.00	HB45	1564.11	70.72	1.564%	0.00	1563.00	0.00	1.564%	0.00	1563.00	HB45	-0.0100	0.9590	0.0000	1.177	1.209	**Right**	HB45	12.00	0.00	4.50	1.02	5.52	18.000	**OK**	0.462	0.470	2.609	2.571		1.209
↓	Grade		1977+90.00	HB45	1564.06	70.70	1.556%	0.00	1562.96	0.00	1.556%	0.00	1562.96	HB45	-0.0080	0.9671	0.0000	1.209	1.242	**Right**	HB45	12.00	0.00	4.50	1.60	6.10	18.000	**OK**	0.502	0.522	2.453	2.380		1.242
↓	Grade		1977+95.00	HB45	1564.00	70.68	1.549%	0.00	1562.91	0.00	1.549%	0.00	1562.91	HB45	-0.0100	0.9752	0.0000	1.242	1.274	**Right**	HB45	12.00	0.00	4.50	1.25	5.75	18.000	**OK**	0.477	0.489	2.659	2.606		1.274
↓	Grade		1978+00.00	HB45	1563.95	70.67	1.541%	0.00	1562.86	0.00	1.541%	0.00	1562.86	HB45	-0.0100	0.9833	0.0000	1.274	1.307	**Right**	HB45	12.00	0.00	4.50	1.36	5.86	18.000	**OK**	0.484	0.498	2.683	2.622		1.307
↓	Grade		1978+05.00	HB45	1563.89	70.65	1.533%	0.00	1562.81	0.00	1.533%	0.00	1562.81	HB45	-0.0100	0.9914	0.0000	1.307	1.339	**Right**	HB45	12.00	0.00	4.50	1.47	5.97	18.000	**OK**	0.491	0.508	2.707	2.637		1.339
↓	Grade		1978+10.00	HB45	1563.84	70.63	1.525%	0.00	1562.76	0.00	1.525%	0.00	1562.76	HB45	-0.0100	0.9995	0.0000	1.339	1.372	**Right**	HB45	12.00	0.00	4.50	1.58	6.08	18.000	**OK**	0.498	0.517	2.730	2.652		1.372
↓	Grade		1978+15.00	HB45	1563.78	70.62	1.518%	0.00	1562.71	0.00	1.518%	0.00	1562.71	HB45	-0.0100	1.0076	0.0000	1.372	1.404	**Right**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.505	0.527	2.753	2.665		1.404
↓	Grade		1978+20.00	HB45	1563.73	70.60	1.510%	0.00	1562.66	0.00	1.510%	0.00	1562.66	HB45	-0.0100	1.0157	0.0000	1.404	1.437	**Right**	HB45	12.00	0.00	4.50	1.80	6.30	18.000	**OK**	0.512	0.536	2.776	2.678		1.437
↓	Grade		1978+25.00	HB45	1563.68	70.58	1.502%	0.00	1562.62	0.00	1.502%	0.00	1562.62	HB45	-0.0080	1.0239	0.0000	1.437	1.469	**Right**	HB45	12.00	0.00	4.50	2.41	6.91	18.000	**OK**	0.553	0.597	2.603	2.463		1.469
↓	Grade		1978+30.00	HB45	1563.62	70.57	1.495%	0.00	1562.57	0.00	1.495%	0.00	1562.57	HB45	-0.0100	1.0320	0.0000	1.469	1.502	**Right**	HB45	12.00	0.00	4.50	2.01	6.51	18.000	**OK**	0.525	0.556	2.820	2.703		1.502
↓	Grade		1978+35.00	HB45	1563.57	70.55	1.487%	0.00	1562.52	0.00	1.487%	0.00	1562.52	HB45	-0.0100	1.0401	0.0000	1.502	1.534	**Right**	HB45	12.00	0.00	4.50	2.12	6.62	18.000	**OK**	0.532	0.565	2.841	2.714		1.534
↓	Grade		1978+40.00	HB45	1563.51	70.53	1.479%	0.00	1562.47	0.00	1.479%	0.00	1562.47	HB45	-0.0100	1.0481	0.0000	1.534	1.567	**Right**	HB45	12.00	0.00	4.50	2.23	6.73	18.000	**OK**	0.538	0.575	2.862	2.725		1.567
↓	Grade		1978+45.00	HB45	1563.46	70.52	1.472%	0.00	1562.42	0.00	1.472%	0.00	1562.42	HB45	-0.0100	1.0562	0.0000	1.567	1.599	**Right**	HB45	12.00	0.00	4.50	2.33	6.83	18.000	**OK**	0.545	0.585	2.882	2.736		1.599
↓	Grade		1978+50.00	HB45	1563.40	70.50	1.464%	0.00	1562.37	0.00	1.464%	0.00	1562.37	HB45	-0.0100	1.0643	0.0000	1.599	1.632	**Right**	HB45	12.00	0.00	4.50	2.44	6.94	18.000	**OK**	0.551	0.594	2.903	2.746		1.632
↓	Grade		1978+55.00	HB45	1563.36	70.48	1.456%	0.00	1562.33	0.00	1.456%	0.00	1562.33	HB45	-0.0080	1.0724	0.0000	1.632	1.664	**Right**	HB45	12.00	0.00	4.50	3.09	7.59	18.000	**OK**	0.592	0.662	2.716	2.514		1.664
↓	Grade		1978+60.00	HB45	1563.30	70.47	1.448%	0.00	1562.28	0.00	1.448%	0.00	1562.28	HB45	-0.0100	1.0805	0.0000	1.664	1.697	**Right**	HB45	12.00	0.00	4.50	2.65	7.15	18.000	**OK**	0.563	0.614	2.942	2.764		1.697
↓	Grade		1978+65.00	HB45	1563.24	70.45	1.441%	0.00	1562.23	0.00	1.441%	0.00	1562.23	HB45	-0.0100	1.0886	0.0000	1.697	1.729	**Right**	HB45	12.00	0.00	4.50	2.76	7.26	18.000	**OK**	0.569	0.624	2.961	2.773		1.729
↓	Grade		1978+70.00	HB45	1563.19	70.43	1.433%	0.00	1562.18	0.00	1.433%	0.00	1562.18	HB45	-0.0100	1.0967	0.0000	1.729	1.761	**Right**	HB45	12.00	0.00	4.50	2.86	7.36	18.000	**OK**	0.575	0.633	2.980	2.781		1.761
↓	Grade		1978+75.00	HB45	1563.13	70.42	1.425%	0.00	1562.13	0.00	1.425%	0.00	1562.13	HB45	-0.0100	1.1048	0.0000	1.761	1.794	**Right**	HB45	12.00	0.00	4.50	2.97	7.47	18.000	**OK**	0.580	0.643	2.999	2.789		1.794
↓	Grade		1978+80.00	HB45	1563.08	70.40	1.418%	0.00	1562.08	0.00	1.418%	0.00	1562.08	HB45	-0.0100	1.1129	0.0000	1.794	1.826	**Right**	HB45	12.00	0.00	4.50	3.07	7.57	18.000	**OK**	0.586	0.653	3.017	2.796		1.826
↓	Grade		1978+85.00	HB45	1563.02	70.38	1.410%	0.00	1562.03	0.00	1.410%	0.00	1562.03	HB45	-0.0100	1.1209	0.0000	1.826	1.859	**Right**	HB45	12.00	0.00	4.50	3.18	7.68	18.000	**OK**	0.592	0.663	3.035	2.804		1.859
↓	Grade		1978+90.00	HB45	1562.98	70.37	1.402%	0.00	1561.99	0.00	1.402%	0.00	1561.99	HB45	-0.0080	1.1290	0.0000	1.859	1.891	**Right**	HB45	12.00	0.00	4.50	3.87	8.37	18.000	**OK**	0.634	0.739	2.834	2.560		1.891
↓	Grade		1978+95.00	HB45	1562.92	70.35	1.395%	0.00	1561.94	0.00	1.395%	0.00	1561.94	HB45	-0.0100	1.1371	0.0000	1.891	1.923	**Right**	HB45	12.00	0.00	4.50	3.39	7.89	18.000	**OK**	0.603	0.683	3.070	2.817		1.923
↓	Grade		1979+00.00	HB45	1562.87	70.33	1.387%	0.00	1561.89	0.00	1.387%	0.00	1561.89	HB45	-0.0100	1.1452	0.0000	1.923	1.956	**Right**	HB45	12.00	0.00	4.50	3.49	7.99	18.000	**OK**	0.608	0.693	3.087	2.823		1.956
↓	Grade		1979+05.00	HB45	1562.81	70.32	1.379%	0.00	1561.84	0.00	1.379%	0.00	1561.84	HB45	-0.0100	1.1532	0.0000	1.956	1.988	**Right**	HB45	12.00	0.00	4.50	3.60	8.10	18.000	**OK**	0.613	0.703	3.104	2.830		1.988
↓	Grade		1979+10.00	HB45	1562.75	70.30	1.371%	0.00	1561.79	0.00	1.371%	0.00	1561.79	HB45	-0.0100	1.1613	0.0000	1.988	2.020	**Right**	HB45	12.00	0.00	4.50	3.70	8.20	18.000	**OK**	0.619	0.713	3.120	2.835		2.020
↓	Grade		1979+15.00	HB45	1562.70	70.28	1.364%	0.00	1561.74	0.00	1.364%	0.00	1561.74	HB45	-0.0100	1.1694	0.0000	2.020	2.053	**Right**	HB45	12.00	0.00	4.50	3.81	8.31	18.000	**OK**	0.624	0.723	3.137	2.841		2.053
↓	Grade		1979+20.00	HB45	1562.64	70.27	1.356%	0.00	1561.69	0.00	1.356%	0.00	1561.69	HB45	-0.0100	1.1774	0.0000	2.053	2.085	**Right**	HB45	12.00	0.00	4.50	3.91	8.41	18.000	**OK**	0.629	0.733	3.153	2.846		2.085
↓	Grade		1979+25.00	HB45	1562.60	70.25	1.348%	0.00	1561.65	0.00	1.348%	0.00	1561.65	HB45	-0.0080	1.1855	0.0000	2.085	2.117	**Right**	HB45	12.00	0.00	4.50	4.64	9.14	18.000	**OK**	0.672	0.817	2.940	2.592		2.117
↓	Grade		1979+30.00	HB45	1562.54	70.23	1.341%	0.00	1561.60	0.00	1.341%	0.00	1561.60	HB45	-0.0100	1.1936	0.0000	2.117	2.150	**Right**	HB45	12.00	0.00	4.50	4.12	8.62	18.000	**OK**	0.639	0.753	3.184	2.856		2.150
↓	Grade		1979+35.00	HB45	1562.49	70.22	1.333%	0.00	1561.55	0.00	1.333%	0.00	1561.55	HB45	-0.0100	1.2016	0.0000	2.150	2.182	**Right**	HB45	12.00	0.00	4.50	4.23	8.73	18.000	**OK**	0.644	0.763	3.199	2.860		2.182
↓	Grade		1979+40.00	HB45	1562.43	70.20	1.325%	0.00	1561.50	0.00	1.325%	0.00	1561.50	HB45	-0.0100	1.2097	0.0000	2.182	2.214	**Right**	HB45	12.00	0.00	4.50	4.33	8.83	18.000	**OK**	0.649	0.773	3.215	2.865		2.214
↓	Grade		1979+45.00	HB45	1562.37	70.18	1.317%	0.00	1561.45	0.00	1.317%	0.00	1561.45	HB45	-0.0100	1.2177	0.0000	2.214	2.247	**Right**	HB45	12.00	0.00	4.50	4.44	8.94	18.000	**OK**	0.653	0.783	3.229	2.869		2.247
↓	Grade		1979+50.00	HB45	1562.32	70.17	1.310%	0.00	1561.40	0.00	1.310%	0.00	1561.40	HB45	-0.0100	1.2258	0.0000	2.247	2.279	**Right**	HB45	12.00	0.00	4.50	4.55	9.05	18.000	**OK**	0.658	0.793	3.244	2.873		2.279
↓	Grade		1979+55.00	HB45	1562.27	70.15	1.302%	0.00	1561.36	0.00	1.302%	0.00	1561.36	HB45	-0.0080	1.2339	0.0000	2.279	2.311	**Right**	HB45	12.00	0.00	4.50	5.31	9.81	18.000	**OK**	0.701	0.885	3.021	2.613		2.311
↓	Grade		1979+60.00	HB45	1562.22	70.13	1.294%	0.00	1561.31	0.00

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade		1979+65.00	HB45	1562.16	70.12	1.287%	0.00	1561.26	0.00	1.287%	0.00	1561.26	HB45	-0.0100	1.2500	0.0000	2.344	2.376	**Right**	HB45	12.00	0.00	4.50	4.87	9.37	18.000	**OK**	0.672	0.824	3.287	2.883		2.376
↓	Grade		1979+70.00	HB45	1562.11	70.10	1.279%	0.00	1561.21	0.00	1.279%	0.00	1561.21	HB45	-0.0100	1.2580	0.0000	2.376	2.408	**Right**	HB45	12.00	0.00	4.50	4.97	9.47	18.000	**OK**	0.676	0.834	3.301	2.887		2.408
↓	Grade		1979+75.00	HB45	1562.05	70.08	1.271%	0.00	1561.16	0.00	1.271%	0.00	1561.16	HB45	-0.0100	1.2660	0.0000	2.408	2.440	**Right**	HB45	12.00	0.00	4.50	5.08	9.58	18.000	**OK**	0.681	0.845	3.314	2.890		2.440
↓	Grade		1979+80.00	HB45	1562.00	70.07	1.264%	0.00	1561.11	0.00	1.264%	0.00	1561.11	HB45	-0.0100	1.2741	0.0000	2.440	2.473	**Right**	HB45	12.00	0.00	4.50	5.19	9.69	18.000	**OK**	0.685	0.855	3.328	2.892		2.473
↓	Grade		1979+85.00	HB45	1561.94	70.05	1.256%	0.00	1561.06	0.00	1.256%	0.00	1561.06	HB45	-0.0100	1.2821	0.0000	2.473	2.505	**Right**	HB45	12.00	0.00	4.50	5.29	9.79	18.000	**OK**	0.689	0.865	3.341	2.895		2.505
↓	Grade		1979+90.00	HB45	1561.89	70.03	1.248%	0.00	1561.02	0.00	1.248%	0.00	1561.02	HB45	-0.0080	1.2902	0.0000	2.505	2.537	**Right**	HB45	12.00	0.00	4.50	6.10	10.60	18.000	**OK**	0.733	0.965	3.107	2.630		2.537
↓	Grade		1979+95.00	HB45	1561.84	70.02	1.240%	0.00	1560.97	0.00	1.240%	0.00	1560.97	HB45	-0.0100	1.2982	0.0000	2.537	2.569	**Right**	HB45	12.00	0.00	4.50	5.51	10.01	18.000	**OK**	0.698	0.886	3.367	2.900		2.569
↓	Grade		1980+00.00	HB45	1561.78	70.00	1.233%	0.00	1560.92	0.00	1.233%	0.00	1560.92	HB45	-0.0100	1.3062	0.0000	2.569	2.601	**Right**	HB45	12.00	0.00	4.50	5.62	10.12	18.000	**OK**	0.702	0.896	3.379	2.902		2.601
↓	Grade		1980+05.00	HB45	1561.73	69.93	1.225%	0.00	1560.87	0.00	1.225%	0.00	1560.87	HB45	-0.0100	1.3143	0.0000	2.601	2.634	**Right**	HB45	12.00	0.00	4.50	5.73	10.23	18.000	**OK**	0.706	0.907	3.392	2.904		2.634
↓	Grade		1980+10.00	HB45	1561.67	69.85	1.217%	0.00	1560.82	0.00	1.217%	0.00	1560.82	HB45	-0.0100	1.3223	0.0000	2.634	2.666	**Right**	HB45	12.00	0.00	4.50	5.84	10.34	18.000	**OK**	0.710	0.917	3.404	2.906		2.666
↓	Grade		1980+15.00	HB45	1561.61	69.78	1.210%	0.00	1560.77	0.00	1.210%	0.00	1560.77	HB45	-0.0100	1.3303	0.0000	2.666	2.698	**Right**	HB45	12.00	0.00	4.50	5.95	10.45	18.000	**OK**	0.714	0.928	3.416	2.908		2.698
↓	Grade		1980+20.00	HB45	1561.56	69.70	1.202%	0.00	1560.72	0.00	1.202%	0.00	1560.72	HB45	-0.0100	1.3383	0.0000	2.698	2.730	**Right**	HB45	12.00	0.00	4.50	6.06	10.56	18.000	**OK**	0.718	0.938	3.428	2.909		2.730
↓	Grade		1980+25.00	HB45	1561.51	69.63	1.194%	0.00	1560.68	0.00	1.194%	0.00	1560.68	HB45	-0.0080	1.3463	0.0000	2.730	2.762	**Right**	HB45	12.00	0.00	4.50	6.91	11.41	18.000	**OK**	0.761	1.046	3.184	2.640		2.762
↓	Grade		1980+30.00	HB45	1561.46	69.55	1.186%	0.00	1560.63	0.00	1.186%	0.00	1560.63	HB45	-0.0100	1.3543	0.0000	2.762	2.794	**Right**	HB45	12.00	0.00	4.50	6.28	10.78	18.000	**OK**	0.725	0.960	3.452	2.912		2.794
↓	Grade		1980+35.00	HB45	1561.40	69.48	1.179%	0.00	1560.58	0.00	1.179%	0.00	1560.58	HB45	-0.0100	1.3623	0.0000	2.794	2.826	**Right**	HB45	12.00	0.00	4.50	6.39	10.89	18.000	**OK**	0.729	0.970	3.463	2.913		2.826
↓	Grade		1980+40.00	HB45	1561.34	69.40	1.171%	0.00	1560.53	0.00	1.171%	0.00	1560.53	HB45	-0.0100	1.3702	0.0000	2.826	2.858	**Right**	HB45	12.00	0.00	4.50	6.51	11.01	18.000	**OK**	0.733	0.981	3.474	2.914		2.858
↓	Grade		1980+45.00	HB45	1561.29	69.33	1.163%	0.00	1560.48	0.00	1.163%	0.00	1560.48	HB45	-0.0100	1.3782	0.0000	2.858	2.890	**Right**	HB45	12.00	0.00	4.50	6.62	11.12	18.000	**OK**	0.737	0.991	3.485	2.915		2.890
↓	Grade		1980+50.00	HB45	1561.23	69.25	1.156%	0.00	1560.43	0.00	1.156%	0.00	1560.43	HB45	-0.0100	1.3862	0.0000	2.890	2.922	**Right**	HB45	12.00	0.00	4.50	6.73	11.23	18.000	**OK**	0.740	1.002	3.496	2.916		2.922
↓	Grade		1980+55.00	HB45	1561.18	69.18	1.148%	0.00	1560.39	0.00	1.148%	0.00	1560.39	HB45	-0.0080	1.3941	0.0000	2.922	2.954	**Right**	HB45	12.00	0.00	4.50	7.62	12.12	18.000	**OK**	0.784	1.117	3.244	2.644		2.954
↓	Grade		1980+60.00	HB45	1561.13	69.10	1.140%	0.00	1560.34	0.00	1.140%	0.00	1560.34	HB45	-0.0100	1.4020	0.0000	2.954	2.986	**Right**	HB45	12.00	0.00	4.50	6.96	11.46	18.000	**OK**	0.747	1.024	3.517	2.917		2.986
↓	Grade		1980+65.00	HB45	1561.07	69.03	1.133%	0.00	1560.29	0.00	1.133%	0.00	1560.29	HB45	-0.0100	1.4100	0.0000	2.986	3.017	**Right**	HB45	12.00	0.00	4.50	7.08	11.58	18.000	**OK**	0.751	1.034	3.528	2.917		3.017
↓	Grade		1980+70.00	HB45	1561.02	68.95	1.125%	0.00	1560.24	0.00	1.125%	0.00	1560.24	HB45	-0.0100	1.4179	0.0000	3.017	3.049	**Right**	HB45	12.00	0.00	4.50	7.19	11.69	18.000	**OK**	0.754	1.045	3.538	2.918		3.049
↓	Grade		1980+75.00	HB45	1560.96	68.88	1.117%	0.00	1560.19	0.00	1.117%	0.00	1560.19	HB45	-0.0100	1.4258	0.0000	3.049	3.081	**Right**	HB45	12.00	0.00	4.50	7.31	11.81	18.000	**OK**	0.757	1.056	3.548	2.918		3.081
↓	Grade		1980+80.00	HB45	1560.90	68.80	1.109%	0.00	1560.14	0.00	1.109%	0.00	1560.14	HB45	-0.0100	1.4337	0.0000	3.081	3.112	**Right**	HB45	12.00	0.00	4.50	7.43	11.93	18.000	**OK**	0.761	1.067	3.558	2.918		3.112
↓	Grade		1980+85.00	HB45	1560.85	68.73	1.102%	0.00	1560.09	0.00	1.102%	0.00	1560.09	HB45	-0.0100	1.4416	0.0000	3.112	3.144	**Right**	HB45	12.00	0.00	4.50	7.54	12.04	18.000	**OK**	0.764	1.078	3.568	2.918		3.144
↓	Grade		1980+90.00	HB45	1560.80	68.65	1.094%	0.00	1560.05	0.00	1.094%	0.00	1560.05	HB45	-0.0080	1.4495	0.0000	3.144	3.176	**Right**	HB45	12.00	0.00	4.50	8.48	12.98	18.000	**OK**	0.808	1.201	3.307	2.644		3.176
↓	Grade		1980+95.00	HB45	1560.74	68.58	1.086%	0.00	1560.00	0.00	1.086%	0.00	1560.00	HB45	-0.0100	1.4574	0.0000	3.176	3.207	**Right**	HB45	12.00	0.00	4.50	7.78	12.28	18.000	**OK**	0.770	1.099	3.587	2.917		3.207
↓	Grade		1981+00.00	HB45	1560.69	68.50	1.079%	0.00	1559.95	0.00	1.079%	0.00	1559.95	HB45	-0.0100	1.4652	0.0000	3.207	3.239	**Right**	HB45	12.00	0.00	4.50	7.90	12.40	18.000	**OK**	0.774	1.110	3.597	2.917		3.239
↓	Grade		1981+05.00	HB45	1560.63	68.43	1.071%	0.00	1559.90	0.00	1.071%	0.00	1559.90	HB45	-0.0100	1.4731	0.0000	3.239	3.270	**Right**	HB45	12.00	0.00	4.50	8.02	12.52	18.000	**OK**	0.777	1.121	3.606	2.916		3.270
↓	Grade		1981+10.00	HB45	1560.58	68.35	1.063%	0.00	1559.85	0.00	1.063%	0.00	1559.85	HB45	-0.0100	1.4809	0.0000	3.270	3.302	**Right**	HB45	12.00	0.00	4.50	8.14	12.64	18.000	**OK**	0.780	1.132	3.615	2.916		3.302
↓	Grade		1981+15.00	HB45	1560.52	68.28	1.056%	0.00	1559.80	0.00	1.056%	0.00	1559.80	HB45	-0.0100	1.4888	0.0000	3.302	3.333	**Right**	HB45	12.00	0.00	4.50	8.27	12.77	18.000	**OK**	0.783	1.143	3.624	2.915		3.333
↓	Grade		1981+20.00	HB45	1560.46	68.20	1.048%	0.00	1559.75	0.00	1.048%	0.00	1559.75	HB45	-0.0100	1.4966	0.0000	3.333	3.365	**Right**	HB45	12.00	0.00	4.50	8.39	12.89	18.000	**OK**	0.786	1.155	3.633	2.914		3.365
↓	Grade		1981+25.00	HB45	1560.42	68.13	1.040%	0.00	1559.71	0.00	1.040%	0.00	1559.71	HB45	-0.0080	1.5044	0.0000	3.365	3.396	**Right**	HB45	12.00	0.00	4.50	9.38	13.88	18.000	**OK**	0.829	1.287	3.363	2.639		3.396
↓	Grade		1981+30.00	HB45	1560.36	68.05	1.032%	0.00	1559.66	0.00	1.032%	0.00	1559.66	HB45	-0.0100	1.5122	0.0000	3.396	3.427	**Right**	HB45	12.00	0.00	4.50	8.64	13.14	18.000	**OK**	0.791	1.177	3.650	2.912		3.427
↓	Grade		1981+35.00	HB45	1560.31	67.98	1.025%	0.00	1559.61	0.00	1.025%	0.00	1559.61	HB45	-0.0100	1.5200	0.0000	3.427	3.459	**Right**	HB45	12.00	0.00	4.50	8.77	13.27	18.000	**OK**	0.794	1.188	3.658	2.911		3.459
↓	Grade		1981+40.00	HB45	1560.25	67.90	1.017%	0.00	1559.56	0.00	1.017%	0.00	1559.56	HB45	-0.0100	1.5278	0.0000	3.459	3.490	**Right**	HB45	12.00	0.00	4.50	8.89	13.39	18.000	**OK**	0.797	1.199	3.666	2.910		3.490
↓	Grade		1981+45.00	HB45	1560.19	67.83	1.009%	0.00	1559.51	0.00	1.009%	0.00	1559.51	HB45	-0.0100	1.5356	0.0000	3.490	3.521	**Right**	HB45	12.00	0.00	4.50	9.02	13.52	18.000	**OK**	0.800	1.211	3.674	2.908		3.521
↓	Grade		1981+50.00	HB45	1560.14	67.75	1.002%	0.00	1559.46	0.00	1.002%	0.00	1559.46	HB45	-0.0100	1.5434	0.0000	3.521	3.552	**Right**	HB45	12.00	0.00	4.50	9.15	13.65	18.000	**OK**	0.803	1.222	3.682	2.907		3.552
↓	Grade		1981+55.00	HB45	1560.09	67.68	0.994%	0.00	1559.42	0.00	0.994%	0.00	1559.42	HB45	-0.0080	1.5512	0.0000	3.552	3.583	**Right**	HB45	12.00	0.00	4.50	10.19	14.69	18.000	**OK**	0.846	1.362	3.407	2.631		3.583
↓	Grade		1981+60.00	HB45	1560.04	67.60	0.986%	0.00	1559.37	0.00	0.986%	0.00	1559.37	HB45	-0.0100	1.5590	0.0000	3.583	3.615	**Right**	HB45	12.00	0.00	4.50	9.41	13.91	18.000	**OK**	0.808	1.245	3.698	2.904		3.615
↓	Grade		1981+65.00	HB45	1559.98	67.53	0.978%	0.00	1559.32	0.00	0.978%	0.00	1559.32	HB45	-0.0100	1.5667	0.0000	3.615	3.646	**Right**	HB45	12.00	0.00	4.50	9.55	14.05	18.000	**OK**	0.810	1.256	3.706	2.902		3.646
↓	Grade		1981+70.00	HB45	1559.92	67.45	0.971%	0.00	1559.27	0.00	0.971%	0.00	1559.27	HB45	-0.0100	1.5745	0.0000	3.646	3.677	**Right**	HB45	12.00	0.00	4.50	9.68	14.18	18.000	**OK**	0.813	1.268	3.713	2.900		3.677
↓	Grade		1981+75.00	HB45	1559.87	67.38	0.963%	0.00	1559.22	0.00	0.963%	0.00	1559.22	HB45	-0.0100	1.5822	0.0000	3.677	3.708	**Right**	HB45	12.00	0.00	4.50	9.82	14.32	18.000	**OK**	0.815	1.279	3.720	2.898		3.708
↓	Grade		1981+80.00	HB45	1559.81	67.30	0.955%	0.00	1559.17	0.00	0.955%	0.00	1559.17	HB45	-0.0100	1.5899	0.0000	3.708	3.739	**Right**	HB45	12.00	0.00	4.50	9.95	14.45	18.000	**OK**	0.818	1.291	3.728	2.896		3.739
↓	Grade		1981+85.00	HB45	1559.76	67.23	0.948%	0.00	1559.12	0.00	0.948%	0.00	1559.12	HB45	-0.0100	1.5976	0.0000	3.739	3.770	**Right**	HB45	12.00	0.00	4.50	10.09	14.59	18.000	**OK**	0.820	1.303	3.735	2.894		3.770
↓	Grade		1981+90.00	HB45	1559.71	67.15	0.940%	0.00	1559.08	0.00	0.940%	0.00	1559.08	HB45	-0.0080	1.6054	0.0000	3.770	3.801	**Right**	HB45	12.00	0.00	4.50	11.19	15.69	18.000	**OK**	0.863	1.451	3.452	2.618		3.801
↓	Grade		1981+95.00	HB45	1559.66	67.08	0.932%	0.00	1559.03	0.00	0.932%	0.00	1559.03	HB45	-0.0100	1.6131	0.0000	3.801	3.832	**Right**	HB45	12.00	0.00	4.50	10.37	14.87	18.000	**OK**	0.825	1.326	3.749	2.889		3.832
↓	Grade		1982+00.00	HB45	1559.60	67.00	0.925%	0.00	1558.98	0.00	0.925%	0.00	1558.98	HB45	-0.0100	1.6208	0.0000	3.832	3.862	**Right**	HB45	12.00	0.00	4.50	10.51	15.01	18.000	**OK**	0.827	1.338	3.755	2.887		3.862
↓	Grade		1982+05.00	HB45	1559.54	66.93	0.917%	0.00	1558.93	0.00	0.917%	0.00	1558.93	HB45	-0.0100	1.6284	0.0000	3.862	3.893	**Right**	HB45	12.00	0.00	4.50	10.65	15.15	18.000	**OK**	0.830	1.350	3.762	2.884		3.893
↓	Grade		1982+10.00	HB45	1559.49	66.85	0.909%	0.00	1558.88	0.00	0.909%	0.00	1558.88	HB45	-0.0100	1.6361	0.0000	3.893	3.924	**Right**	HB45	12.00	0.00	4.50	10.80	15.30	18.000	**OK**	0.832	1.362	3.768	2.881		3.924
↓	Grade		1982+15.00	HB45	1559.43	66.78	0.901%	0.00	1558.83	0.00	0.901%	0.00	1558.83	HB45	-0.0100	1.6438	0.0000	3.924	3.955	**Right**	HB45	12.00	0.00	4.50	10.94	15.44	18.000	**OK**	0.834	1.374	3.775	2.879		3.955
↓	Grade		1982+20.00	HB45	1559.38	66.70	0.894%	0.00	1558.78	0.00	0.894%	0.00	1558.78	HB45	-0.0100	1.6514	0.0000	3.955	3.985	**Right**	HB45	12.00	0.00	4.50	11.09	15.59	18.000	**OK**	0.836	1.386	3.781	2.876		3.985
↓	Grade	**3**	1982+25.00	HB45	1559.33	66.63	0.886%	0.00	1558.74	0.00	0.886%	0.00	1558.74	HB45	-0.0080	1.6591	0.0000	3.985	4.016	**Right**	HB45	12.00	0.00	4.50	12.25	16.75	18.000	**OK**	0.879	1.544	3.492	2.601	3	4.016
↓	Grade		1982+30.00	HB45	1559.27	66.55	0.878%	0.00	1558.69	0.00	0.878%	0.00	1558.69	HB45	-0.0100	1.6667	0.0000	0.933	0.964	**Right**	HB45	12.00	0.00	4.50	0.29	4.79	18.000	**OK**	0.401	0.402	2.402	2.400		0.964
↓	Grade		1982+35.00	HB45	1559.22	66.48	0.871%	0.00	1558.64	0.00	0.871%	0.00	1558.64	HB45	-0.0100	1.6744	0.0000	0.964	0.994	**Right**	HB45	12.00	0.00	4.50	0.49	4.99	18.000	**OK**	0.409	0.410	2.429	2.423		0.994
↓	Grade		1982+40.00	HB45	1559.16	66.40	0.863%	0.00	1558.59	0.00	0.863%	0.00	1558.59	HB45	-0.0100	1.6820	0.0000	0.994	1.025	**Right**	HB45	12.00	0.00	4.50	0.70	5.20	18.000	**OK**	0.417	0.419	2.456	2.445		1.025
↓	Grade		1982+45.00	HB45	1559.11	66.33	0.855%	0.00	1558.54	0.00	0.855%	0.00	1558.54	HB45	-0.0100	1.6896	0.0000	1.025	1.056	**Right**	HB45	12.00	0.00	4.50	0.90	5.40	18.000	**OK**	0.425	0.428	2.482	2.464		1.056
↓	Grade		1982+50.00	HB45	1559.05	66.25	0.847%	0.00	1558.49	0.00	0.847%	0.00	1558.49	HB45	-0.0100	1.6972	0.0000	1.056	1.086	**Right**	HB45	12.00	0.00	4.50	1.11	5.61	18.000	**OK**	0.432	0.438	2.508	2.482		1.086
↓	Grade		1982+55.00	HB45	1559.01	66.18	0.840%	0.00	1558.45	0.00	0.840%	0.00	1558.45	HB45	-0.0080	1.7048	0.0000	1.086	1.117	**Right**	HB45	12.00	0.00	4.50	2.12	6.62	18.000	**OK**	0.470	0.489	2.358	2.283		1.117
↓	Grade		1982+60.00	HB45	1558.95	66.10	0.832%	0.00	1558.40	0.00	0.832%	0.00	1558.40	HB45	-0.0100	1.7124	0.0000	1.117	1.147	**Right**	HB45	12.00	0.00	4.50	1.52	6.02	18.000	**OK**	0.447	0.457	2.558	2.512		1.147
↓	Grade		1982+65.00	HB45	1558.89	66.03	0.824%	0.00	1558.35	0.00	0.824%	0.00	1558.35	HB45	-0.0100	1.7200	0.0000	1.147	1.177	**Right**	HB45	12.00	0.00	4.50	1.73	6.23	18.000	**OK**	0.454	0.466	2.582	2.525		1.177
↓	Grade		1982+70.00	HB45	1558.84	65.95	0.817%	0.00	1558.30	0.00	0.817%	0.00	1558.30	HB45	-0.0100	1.7276	0.0000	1.177	1.208	**Right**	HB45	12.00	0.00	4.50	1.93	6.43	18.000	**OK**	0.461	0.476	2.605	2.536		1.208
↓	Grade		1982+75.00	HB45	1558.78	65.88	0.809%	0.00	1558.25	0.00	0.809%	0.00	1558.25	HB45	-0.0100	1.7351	0.0000	1.208	1.238	**Right**	HB45	12.00	0.00	4.50	2.14	6.64	18.000	**OK**	0.468	0.486	2.628	2.546		1.238
↓	Grade		1982+80.00	HB45	1558.73	65.80	0.801%	0.00	1558.20	0.00	0.801%	0.00	1558.20	HB45	-0.0100	1.7427	0.0000	1.238	1.268	**Right**	HB45	12.00	0.00	4.50	2.34	6.84	18.000	**OK**	0.474	0.496	2.650	2.555		1.268
↓	Grade		1982+85.00	HB45	1558.67	65.73	0.794%	0.00	1558.15	0.00	0.794%	0.00	1558.15	HB45	-0.0100	1.7502	0.0000	1.268	1.299	**Right**	HB45	12.00	0.00	4.50	2.55	7.05	18.000	**OK**	0.481	0.507	2.672	2.563		1.299
↓	Grade		1982+90.00	HB45	1558.63	65.65	0.786%	0.00	1558.11	0.00	0.786%	0.00	1558.11	HB45	-0.0080	1.7578	0.0000	1.299	1.329	**Right**	HB45	12.00	0.00	4.50	3.64	8.14	18.000	**OK**	0.519	0.571	2.503	2.328		1.329
↓	Grade		1982+95.00	HB45	1558.57	65.58	0.778%	0.00	1558.06	0.00	0.778%	0.00	1558.06	HB45	-0.0100	1.7653	0.0000	1.329	1.359	**Right**	HB45	12.00	0.00	4.50	2.96	7.46	18.000	**OK**	0.494	0.528	2.714	2.576		1.359
↓	Grade		1983+00.00	HB45	1558.51	65.50	0.770%	0.00	1558.01	0.00	0.770%	0.00	1558.01	HB45	-0.0100	1.7728	0.0000	1.359	1.389	**Right**	HB45	12.00	0.00	4.50	3.16	7.66	18.000	**OK**	0.500	0.538	2.735	2.581		1.389
↓	Grade		1983+05.00	HB45	1558.46	65.43	0.763%	0.00	1557.96	0.00	0.763%	0.00	1557.96	HB45	-0.0100	1.7804	0.0000	1.389	1.419	**Right**	HB45	12.00	0.00	4.50	3.37	7.87	18.000	**OK**	0.506	0.549	2.755	2.585		1.419
↓	Grade		1983+10.00	HB45	1558.40	65.35	0.755%	0.00	1557.91	0.00	0.755%	0.00	1557.91	HB45	-0.0100	1.7879	0.0000	1.419	1.449	**Right**	HB45	12.00	0.00	4.50	3.58	8.08	18.000	**OK**	0.512	0.560	2.774	2.589		1.449
↓	Grade		1983+15.00	HB45	1558.35	65.28	0.747%	0.00	1557.86	0.00	0.747%	0.00	1557.86	HB45	-0.0100	1.7954	0.0000	1.449	1.479	**Right**	HB45	12.00	0.00	4.50	3.78	8.28	18.000	**OK**	0.517	0.571	2.793	2.592		1.479
↓	Grade		1983+20.00	HB45	1558.29	65.20	0.740%	0.00	1557.81	0.00	0.740%	0.00	1557.81	HB45	-0.0100	1.8028	0.0000	1.479	1.510	**Right**	HB45	12.00	0.00	4.50	3.99	8.49	18.000	**OK**	0.523	0.582	2.811	2.594		1.510
↓	Grade		1983+25.00	HB45	1558.25	65.13	0.732%	0.00	1557.77	0.00	0.732%	0.00	1557.77	HB45	-0.0080	1.8103	0.0000	1.510	1.539	**Right**	HB45	12.00	0.00	4.50	5.17	9.67	18.000	**OK**	0.560	0.658	2.624	2.339		1.539
↓	Grade		1983+30.00	HB45	1558.19	65.05	0.724%	0.00	1557.72	0.00	0.724%	0.00	1557.72	HB45	-0.0100	1.8178	0.0000	1.539	1.569	**Right**	HB45	12.00	0.00	4.50	4.41	8.91	18.000	**OK**	0.534	0.604	2.847	2.597		1.569
↓	Grade		1983+35.00	HB45	1558.14	64.98	0.717%	0.00	1557.67	0.00	0.717%	0.00	1557.67	HB45	-0.0100	1.8253	0.0000	1.569	1.599	**Right**	HB45	12.00	0.00	4.50	4.62	9.12	18.000	**OK**	0.539	0.616	2.865	2.598		1.599
↓	Grade		1983+40.00	HB45	1558.08	64.90	0.709%	0.00	1557.62	0.00	0.709%	0.00	1557.62	HB45	-0.0100	1.8327	0.0000	1.599	1.629	**Right**	HB45	12.00	0.00	4.50	4.83	9.33	18.000	**OK**	0.544	0.627	2.881	2.598		1.629
↓	Grade		1983+45.00	HB45	1558.02	64.83	0.701%	0.00	1557.57

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade	**3**	1983+50.00	HB45	1557.97	64.75	0.693%	0.00	1557.52	0.00	0.693%	0.00	1557.52	HB45	-0.0100	1.8476	0.0000	1.659	1.689	**Right**	HB45	12.00	0.00	4.50	5.26	9.76	18.000	**OK**	0.554	0.650	2.914	2.597	3	1.689
↓	Grade		1983+55.00	HB45	1557.92	64.68	0.686%	0.00	1557.48	0.00	0.686%	0.00	1557.48	HB45	-0.0080	1.8550	0.0000	0.073	0.102	**Right**	HB45	12.00	0.00	2.96	0.00	2.96	18.000	**OK**	0.088	0.088	1.170	1.170		0.102
↓	Grade		1983+60.00	HB45	1557.87	64.60	0.678%	0.00	1557.43	0.00	0.678%	0.00	1557.43	HB45	-0.0100	1.8624	0.0000	0.102	0.132	**Right**	HB45	12.00	0.00	3.12	0.00	3.12	18.000	**OK**	0.097	0.097	1.356	1.356		0.132
↓	Grade		1983+65.00	HB45	1557.81	64.53	0.670%	0.00	1557.38	0.00	0.670%	0.00	1557.38	HB45	-0.0100	1.8699	0.0000	0.132	0.162	**Right**	HB45	12.00	0.00	3.37	0.00	3.37	18.000	**OK**	0.114	0.114	1.427	1.427		0.162
↓	Grade		1983+70.00	HB45	1557.76	64.45	0.663%	0.00	1557.33	0.00	0.663%	0.00	1557.33	HB45	-0.0100	1.8773	0.0000	0.162	0.192	**Right**	HB45	12.00	0.00	3.59	0.00	3.59	18.000	**OK**	0.129	0.129	1.488	1.488		0.192
↓	Grade		1983+75.00	HB45	1557.70	64.38	0.655%	0.00	1557.28	0.00	0.655%	0.00	1557.28	HB45	-0.0100	1.8847	0.0000	0.192	0.221	**Right**	HB45	12.00	0.00	3.79	0.00	3.79	18.000	**OK**	0.143	0.143	1.542	1.542		0.221
↓	Grade		1983+80.00	HB45	1557.65	64.30	0.647%	0.00	1557.23	0.00	0.647%	0.00	1557.23	HB45	-0.0100	1.8920	0.0000	0.221	0.251	**Right**	HB45	12.00	0.00	3.97	0.00	3.97	18.000	**OK**	0.158	0.158	1.592	1.592		0.251
↓	Grade		1983+85.00	HB45	1557.59	64.23	0.639%	0.00	1557.18	0.00	0.639%	0.00	1557.18	HB45	-0.0100	1.8994	0.0000	0.251	0.280	**Right**	HB45	12.00	0.00	4.14	0.00	4.14	18.000	**OK**	0.171	0.171	1.636	1.636		0.280
↓	Grade		1983+90.00	HB45	1557.55	64.15	0.632%	0.00	1557.14	0.00	0.632%	0.00	1557.14	HB45	-0.0080	1.9068	0.0000	0.280	0.310	**Right**	HB45	12.00	0.00	4.48	0.00	4.48	18.000	**OK**	0.201	0.201	1.543	1.543		0.310
↓	Grade		1983+95.00	HB45	1557.49	64.08	0.624%	0.00	1557.09	0.00	0.624%	0.00	1557.09	HB45	-0.0100	1.9141	0.0000	0.310	0.339	**Right**	HB45	12.00	0.00	4.45	0.00	4.45	18.000	**OK**	0.198	0.198	1.717	1.717		0.339
↓	Grade		1984+00.00	HB45	1557.43	64.00	0.616%	0.00	1557.04	0.00	0.616%	0.00	1557.04	HB45	-0.0100	1.9215	0.0000	0.339	0.369	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.210	0.210	1.753	1.753		0.369
↓	Grade		1984+05.00	HB45	1557.38	63.93	0.609%	0.00	1556.99	0.00	0.609%	0.00	1556.99	HB45	-0.0100	1.9288	0.0000	0.369	0.398	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.223	0.223	1.790	1.790		0.398
↓	Grade		1984+10.00	HB45	1557.32	63.85	0.601%	0.00	1556.94	0.00	0.601%	0.00	1556.94	HB45	-0.0100	1.9362	0.0000	0.398	0.428	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.234	0.234	1.827	1.827		0.428
↓	Grade		1984+15.00	HB45	1557.27	63.78	0.593%	0.00	1556.89	0.00	0.593%	0.00	1556.89	HB45	-0.0100	1.9435	0.0000	0.428	0.457	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.245	0.245	1.864	1.864		0.457
↓	Grade		1984+20.00	HB45	1557.21	63.70	0.586%	0.00	1556.84	0.00	0.586%	0.00	1556.84	HB45	-0.0100	1.9508	0.0000	0.457	0.486	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.256	0.256	1.899	1.899		0.486
↓	Grade		1984+25.00	HB45	1557.17	63.63	0.578%	0.00	1556.80	0.00	0.578%	0.00	1556.80	HB45	-0.0080	1.9581	0.0000	0.486	0.516	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.287	0.287	1.794	1.794		0.516
↓	Grade		1984+30.00	HB45	1557.11	63.55	0.570%	0.00	1556.75	0.00	0.570%	0.00	1556.75	HB45	-0.0100	1.9654	0.0000	0.516	0.545	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.277	0.277	1.969	1.969		0.545
↓	Grade		1984+35.00	HB45	1557.06	63.48	0.562%	0.00	1556.70	0.00	0.562%	0.00	1556.70	HB45	-0.0100	1.9727	0.0000	0.545	0.574	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.287	0.287	2.003	2.003		0.574
↓	Grade		1984+40.00	HB45	1557.00	63.40	0.555%	0.00	1556.65	0.00	0.555%	0.00	1556.65	HB45	-0.0100	1.9800	0.0000	0.574	0.603	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.296	0.296	2.037	2.037		0.603
↓	Grade		1984+45.00	HB45	1556.95	63.33	0.547%	0.00	1556.60	0.00	0.547%	0.00	1556.60	HB45	-0.0100	1.9873	0.0000	0.603	0.633	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.306	0.306	2.069	2.069		0.633
↓	Grade		1984+50.00	HB45	1556.89	63.25	0.539%	0.00	1556.55	0.00	0.539%	0.00	1556.55	HB45	-0.0100	1.9945	0.0000	0.633	0.662	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.315	0.315	2.101	2.101		0.662
↓	Grade		1984+55.00	HB45	1556.85	63.18	0.532%	0.00	1556.51	0.00	0.532%	0.00	1556.51	HB45	-0.0080	2.0018	0.0000	0.662	0.691	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.348	0.348	1.984	1.984		0.691
↓	Grade		1984+60.00	HB45	1556.79	63.10	0.524%	0.00	1556.46	0.00	0.524%	0.00	1556.46	HB45	-0.0100	2.0090	0.0000	0.691	0.720	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.333	0.333	2.164	2.164		0.720
↓	Grade		1984+65.00	HB45	1556.74	63.03	0.516%	0.00	1556.41	0.00	0.516%	0.00	1556.41	HB45	-0.0100	2.0163	0.0000	0.720	0.749	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	2.194	2.194		0.749
↓	Grade		1984+70.00	HB45	1556.68	62.95	0.508%	0.00	1556.36	0.00	0.508%	0.00	1556.36	HB45	-0.0100	2.0235	0.0000	0.749	0.778	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.350	0.350	2.223	2.223		0.778
↓	Grade	**3**	1984+75.00	HB45	1556.62	62.88	0.501%	0.00	1556.31	0.00	0.501%	0.00	1556.31	HB45	-0.0100	2.0307	0.0000	0.778	0.807	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.358	0.358	2.252	2.252	3	0.807
↓	Grade		1984+80.00	HB45	1556.57	62.80	0.493%	0.00	1556.26	0.00	0.493%	0.00	1556.26	HB45	-0.0100	2.0379	0.0000	0.000	0.029	**Right**	HB45	12.00	0.00	1.77	0.00	1.77	18.000	**OK**	0.031	0.031	0.927	0.927		0.029
↓	Grade		1984+85.00	HB45	1556.51	62.73	0.485%	0.00	1556.21	0.00	0.485%	0.00	1556.21	HB45	-0.0100	2.0451	0.0000	0.029	0.058	**Right**	HB45	12.00	0.00	2.29	0.00	2.29	18.000	**OK**	0.052	0.052	1.103	1.103		0.058
↓	Grade		1984+90.00	HB45	1556.47	62.65	0.478%	0.00	1556.17	0.00	0.478%	0.00	1556.17	HB45	-0.0080	2.0523	0.0000	0.058	0.087	**Right**	HB45	12.00	0.00	2.78	0.00	2.78	18.000	**OK**	0.077	0.077	1.122	1.122		0.087
↓	Grade		1984+95.00	HB45	1556.41	62.58	0.470%	0.00	1556.12	0.00	0.470%	0.00	1556.12	HB45	-0.0100	2.0595	0.0000	0.087	0.115	**Right**	HB45	12.00	0.00	2.97	0.00	2.97	18.000	**OK**	0.088	0.088	1.311	1.311		0.115
↓	Grade		1985+00.00	HB45	1556.36	62.50	0.462%	0.00	1556.07	0.00	0.462%	0.00	1556.07	HB45	-0.0100	2.0667	0.0000	0.115	0.144	**Right**	HB45	12.00	0.00	3.23	0.00	3.23	18.000	**OK**	0.104	0.104	1.386	1.386		0.144
↓	Grade		1985+05.00	HB45	1556.30	62.48	0.455%	0.00	1556.02	0.00	0.455%	0.00	1556.02	HB45	-0.0100	2.0739	0.0000	0.144	0.173	**Right**	HB45	12.00	0.00	3.45	0.00	3.45	18.000	**OK**	0.119	0.119	1.450	1.450		0.173
↓	Grade		1985+10.00	HB45	1556.25	62.45	0.447%	0.00	1555.97	0.00	0.447%	0.00	1555.97	HB45	-0.0100	2.0810	0.0000	0.173	0.202	**Right**	HB45	12.00	0.00	3.66	0.00	3.66	18.000	**OK**	0.134	0.134	1.507	1.507		0.202
↓	Grade		1985+15.00	HB45	1556.19	62.43	0.439%	0.00	1555.92	0.00	0.439%	0.00	1555.92	HB45	-0.0100	2.0882	0.0000	0.202	0.230	**Right**	HB45	12.00	0.00	3.85	0.00	3.85	18.000	**OK**	0.148	0.148	1.558	1.558		0.230
↓	Grade		1985+20.00	HB45	1556.14	62.40	0.431%	0.00	1555.87	0.00	0.431%	0.00	1555.87	HB45	-0.0100	2.0954	0.0000	0.230	0.259	**Right**	HB45	12.00	0.00	4.02	0.00	4.02	18.000	**OK**	0.162	0.162	1.605	1.605		0.259
↓	Grade		1985+25.00	HB45	1556.09	62.38	0.424%	0.00	1555.83	0.00	0.424%	0.00	1555.83	HB45	-0.0080	2.1025	0.0000	0.259	0.288	**Right**	HB45	12.00	0.00	4.36	0.00	4.36	18.000	**OK**	0.190	0.190	1.515	1.515		0.288
↓	Grade		1985+30.00	HB45	1556.04	62.35	0.416%	0.00	1555.78	0.00	0.416%	0.00	1555.78	HB45	-0.0100	2.1097	0.0000	0.288	0.317	**Right**	HB45	12.00	0.00	4.33	0.00	4.33	18.000	**OK**	0.188	0.188	1.687	1.687		0.317
↓	Grade		1985+35.00	HB45	1555.98	62.33	0.408%	0.00	1555.73	0.00	0.408%	0.00	1555.73	HB45	-0.0100	2.1168	0.0000	0.317	0.345	**Right**	HB45	12.00	0.00	4.48	0.00	4.48	18.000	**OK**	0.200	0.200	1.724	1.724		0.345
↓	Grade		1985+40.00	HB45	1555.93	62.30	0.401%	0.00	1555.68	0.00	0.401%	0.00	1555.68	HB45	-0.0100	2.1240	0.0000	0.345	0.374	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.213	0.213	1.760	1.760		0.374
↓	Grade		1985+45.00	HB45	1555.87	62.28	0.393%	0.00	1555.63	0.00	0.393%	0.00	1555.63	HB45	-0.0100	2.1311	0.0000	0.374	0.403	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.224	0.224	1.796	1.796		0.403
↓	Grade		1985+50.00	HB45	1555.82	62.25	0.385%	0.00	1555.58	0.00	0.385%	0.00	1555.58	HB45	-0.0100	2.1383	0.0000	0.403	0.431	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.235	0.235	1.831	1.831		0.431
↓	Grade		1985+55.00	HB45	1555.77	62.23	0.378%	0.00	1555.54	0.00	0.378%	0.00	1555.54	HB45	-0.0080	2.1454	0.0000	0.431	0.460	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.266	0.266	1.729	1.729		0.460
↓	Grade		1985+60.00	HB45	1555.72	62.20	0.370%	0.00	1555.49	0.00	0.370%	0.00	1555.49	HB45	-0.0100	2.1526	0.0000	0.460	0.489	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.257	0.257	1.902	1.902		0.489
↓	Grade		1985+65.00	HB45	1555.67	62.18	0.362%	0.00	1555.44	0.00	0.362%	0.00	1555.44	HB45	-0.0100	2.1597	0.0000	0.489	0.517	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.267	0.267	1.936	1.936		0.517
↓	Grade		1985+70.00	HB45	1555.61	62.15	0.354%	0.00	1555.39	0.00	0.354%	0.00	1555.39	HB45	-0.0100	2.1668	0.0000	0.517	0.546	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.277	0.277	1.970	1.970		0.546
↓	Grade		1985+75.00	HB45	1555.56	62.13	0.347%	0.00	1555.34	0.00	0.347%	0.00	1555.34	HB45	-0.0100	2.1740	0.0000	0.546	0.574	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.287	0.287	2.004	2.004		0.574
↓	Grade		1985+80.00	HB45	1555.50	62.10	0.339%	0.00	1555.29	0.00	0.339%	0.00	1555.29	HB45	-0.0100	2.1811	0.0000	0.574	0.603	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.296	0.296	2.036	2.036		0.603
↓	Grade		1985+85.00	HB45	1555.45	62.08	0.331%	0.00	1555.24	0.00	0.331%	0.00	1555.24	HB45	-0.0100	2.1882	0.0000	0.603	0.632	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.305	0.305	2.068	2.068		0.632
↓	Grade		1985+90.00	HB45	1555.40	62.05	0.324%	0.00	1555.20	0.00	0.324%	0.00	1555.20	HB45	-0.0080	2.1954	0.0000	0.632	0.660	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.338	0.338	1.952	1.952		0.660
↓	Grade		1985+95.00	HB45	1555.35	62.03	0.316%	0.00	1555.15	0.00	0.316%	0.00	1555.15	HB45	-0.0100	2.2025	0.0000	0.660	0.689	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.323	0.323	2.130	2.130		0.689
↓	Grade	**3**	1986+00.00	HB45	1555.29	62.00	0.308%	0.00	1555.10	0.00	0.308%	0.00	1555.10	HB45	-0.0100	2.2096	0.0000	0.689	0.717	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.332	0.332	2.161	2.161	3	0.717
↓	Grade		1986+05.00	HB45	1555.24	61.98	0.300%	0.00	1555.05	0.00	0.300%	0.00	1555.05	HB45	-0.0100	2.2167	0.0000	0.000	0.029	**Right**	HB45	12.00	0.00	1.76	0.00	1.76	18.000	**OK**	0.031	0.031	0.924	0.924		0.029
↓	Grade		1986+10.00	HB45	1555.18	61.95	0.293%	0.00	1555.00	0.00	0.293%	0.00	1555.00	HB45	-0.0100	2.2238	0.0000	0.029	0.057	**Right**	HB45	12.00	0.00	2.28	0.00	2.28	18.000	**OK**	0.052	0.052	1.099	1.099		0.057
↓	Grade		1986+15.00	HB45	1555.13	61.93	0.285%	0.00	1554.95	0.00	0.285%	0.00	1554.95	HB45	-0.0100	2.2309	0.0000	0.057	0.086	**Right**	HB45	12.00	0.00	2.65	0.00	2.65	18.000	**OK**	0.070	0.070	1.216	1.216		0.086
↓	Grade		1986+20.00	HB45	1555.07	61.90	0.277%	0.00	1554.90	0.00	0.277%	0.00	1554.90	HB45	-0.0100	2.2380	0.0000	0.086	0.114	**Right**	HB45	12.00	0.00	2.95	0.00	2.95	18.000	**OK**	0.087	0.087	1.307	1.307		0.114
↓	Grade		1986+25.00	HB45	1555.03	61.88	0.270%	0.00	1554.86	0.00	0.270%	0.00	1554.86	HB45	-0.0080	2.2451	0.0000	0.114	0.143	**Right**	HB45	12.00	0.00	3.35	0.00	3.35	18.000	**OK**	0.112	0.112	1.271	1.271		0.143
↓	Grade		1986+30.00	HB45	1554.97	61.85	0.262%	0.00	1554.81	0.00	0.262%	0.00	1554.81	HB45	-0.0100	2.2522	0.0000	0.143	0.171	**Right**	HB45	12.00	0.00	3.44	0.00	3.44	18.000	**OK**	0.118	0.118	1.446	1.446		0.171
↓	Grade		1986+35.00	HB45	1554.92	61.83	0.254%	0.00	1554.76	0.00	0.254%	0.00	1554.76	HB45	-0.0100	2.2593	0.0000	0.171	0.199	**Right**	HB45	12.00	0.00	3.64	0.00	3.64	18.000	**OK**	0.133	0.133	1.503	1.503		0.199
↓	Grade		1986+40.00	HB45	1554.86	61.80	0.247%	0.00	1554.71	0.00	0.247%	0.00	1554.71	HB45	-0.0100	2.2664	0.0000	0.199	0.228	**Right**	HB45	12.00	0.00	3.83	0.00	3.83	18.000	**OK**	0.147	0.147	1.554	1.554		0.228
↓	Grade		1986+45.00	HB45	1554.81	61.78	0.239%	0.00	1554.66	0.00	0.239%	0.00	1554.66	HB45	-0.0100	2.2735	0.0000	0.228	0.256	**Right**	HB45	12.00	0.00	4.00	0.00	4.00	18.000	**OK**	0.160	0.160	1.600	1.600		0.256
↓	Grade		1986+50.00	HB45	1554.75	61.75	0.231%	0.00	1554.61	0.00	0.231%	0.00	1554.61	HB45	-0.0100	2.2806	0.0000	0.256	0.285	**Right**	HB45	12.00	0.00	4.16	0.00	4.16	18.000	**OK**	0.173	0.173	1.643	1.643		0.285
↓	Grade		1986+55.00	HB45	1554.71	61.73	0.223%	0.00	1554.57	0.00	0.223%	0.00	1554.57	HB45	-0.0080	2.2877	0.0000	0.285	0.313	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.202	0.202	1.547	1.547		0.313
↓	Grade		1986+60.00	HB45	1554.65	61.70	0.216%	0.00	1554.52	0.00	0.216%	0.00	1554.52	HB45	-0.0100	2.2948	0.0000	0.313	0.342	**Right**	HB45	12.00	0.00	4.46	0.00	4.46	18.000	**OK**	0.199	0.199	1.719	1.719		0.342
↓	Grade		1986+65.00	HB45	1554.60	61.68	0.208%	0.00	1554.47	0.00	0.208%	0.00	1554.47	HB45	-0.0100	2.3019	0.0000	0.342	0.370	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.211	0.211	1.755	1.755		0.370
↓	Grade		1986+70.00	HB45	1554.54	61.65	0.200%	0.00	1554.42	0.00	0.200%	0.00	1554.42	HB45	-0.0100	2.3089	0.0000	0.370	0.398	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.222	0.222	1.790	1.790		0.398
↓	Grade		1986+75.00	HB45	1554.49	61.63	0.193%	0.00	1554.37	0.00	0.193%	0.00	1554.37	HB45	-0.0100	2.3160	0.0000	0.398	0.427	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.234	0.234	1.826	1.826		0.427
↓	Grade	**3**	1986+80.00	HB45	1554.43	61.60	0.185%	0.00	1554.32	0.00	0.185%	0.00	1554.32	HB45	-0.0100	2.3231	0.0000	0.427	0.455	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.245	0.245	1.861	1.861	3	0.455
↓	Grade		1986+85.00	HB45	1554.38	61.58	0.177%	0.00	1554.27	0.00	0.177%	0.00	1554.27	HB45	-0.0100	2.3302	0.0000	0.000	0.028	**Right**	HB45	12.00	0.00	1.75	0.00	1.75	18.000	**OK**	0.031	0.031	0.923	0.923		0.028
↓	Grade		1986+90.00	HB45	1554.33	61.55	0.169%	0.00	1554.23	0.00	0.169%	0.00	1554.23	HB45	-0.0080	2.3372	0.0000	0.028	0.057	**Right**	HB45	12.00	0.00	2.37	0.00	2.37	18.000	**OK**	0.056	0.056	1.009	1.009		0.057
↓	Grade		1986+95.00	HB45	1554.28	61.53	0.162%	0.00	1554.18	0.00	0.162%	0.00	1554.18	HB45	-0.0100	2.3443	0.0000	0.057	0.085	**Right**	HB45	12.00	0.00	2.65	0.00	2.65	18.000	**OK**	0.070	0.070	1.214	1.214		0.085
↓	Grade		1987+00.00	HB45	1554.22	61.50	0.154%	0.00	1554.13	0.00	0.154%	0.00	1554.13	HB45	-0.0100	2.3514	0.0000	0.085	0.113	**Right**	HB45	12.00	0.00	2.95	0.00	2.95	18.000	**OK**	0.087	0.087	1.305	1.305		0.113
↓	Grade		1987+05.00	HB45	1554.17	61.48	0.146%	0.00	1554.08	0.00	0.146%	0.00	1554.08	HB45	-0.0100	2.3584	0.0000	0.113	0.142	**Right**	HB45	12.00	0.00	3.20	0.00	3.20	18.000	**OK**	0.103	0.103	1.380	1.380		0.142
↓	Grade		1987+10.00	HB45	1554.12	61.45	0.139%	0.00	1554.03	0.00	0.139%	0.00	1554.03	HB45	-0.0100	2.3655	0.0000	0.142	0.170	**Right**	HB45	12.00	0.00	3.43	0.00	3.43	18.000	**OK**	0.118	0.118	1.444	1.444		0.170
↓	Grade		1987+15.00	HB45	1554.06	61.43	0.131%	0.00	1553.98	0.00	0.131%	0.00	1553.98	HB45	-0.0100	2.3725	0.0000	0.170	0.198	**Right**	HB45	12.00	0.00	3.63	0.00	3.63	18.000	**OK**	0.132	0.132	1.500	1.500		0.198
↓	Grade		1987+20.00	HB45	1554.01	61.40	0.123%	0.00	1553.93	0.00	0.123%	0.00	1553.93	HB45	-0.0100	2.3796	0.0000	0.198	0.226	**Right**	HB45	12.00	0.00	3.82	0.00	3.82	18.000	**OK**	0.146	0.146	1.551	1.551		0.226
↓	Grade		1987+25.00	HB45	1553.96	61.38	0.116%	0.00	1553.89	0.00	0.116%	0.00	1553.89	HB45	-0.0080	2.3866	0.0000	0.226	0.255	**Right**	HB45	12.00	0.00	4.16	0.00	4.16	18.000	**OK**	0.173	0.173	1.469	1.469		0.255

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade		1987+30.00	HB45	1553.91	61.35	0.108%	0.00	1553.84	0.00	0.108%	0.00	1553.84	HB45	-0.0100	2.3937	0.0000	0.255	0.283	**Right**	HB45	12.00	0.00	4.15	0.00	4.15	18.000	**OK**	0.172	0.172	1.640	1.640		0.283
↓	Grade		1987+35.00	HB45	1553.85	61.33	0.100%	0.00	1553.79	0.00	0.100%	0.00	1553.79	HB45	-0.0100	2.4007	0.0000	0.283	0.311	**Right**	HB45	12.00	0.00	4.30	0.00	4.30	18.000	**OK**	0.185	0.185	1.680	1.680		0.311
↓	Super Trans	Grade	1987+40.00	HB45	1553.80	61.30	0.092%	0.00	1553.74	0.00	0.092%	0.00	1553.74	HB45	-0.0100	2.4077	0.0000	0.311	0.339	**Right**	HB45	12.00	0.00	4.45	0.00	4.45	18.000	**OK**	0.198	0.198	1.716	1.716		0.339
↓	Super Trans	Grade	1987+45.00	HB45	1553.74	61.28	0.085%	0.00	1553.69	0.00	0.085%	0.00	1553.69	HB45	-0.0100	2.4148	0.0000	0.339	0.368	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.210	0.210	1.752	1.752		0.368
↓	Super Trans	Grade	1987+50.00	HB45	1553.69	61.25	0.077%	0.00	1553.64	0.00	0.077%	0.00	1553.64	HB45	-0.0100	2.4218	0.0000	0.368	0.396	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.221	0.221	1.787	1.787		0.396
↓	Super Trans	Grade	1987+55.00	HB45	1553.64	61.23	0.069%	0.00	1553.60	0.00	0.069%	0.00	1553.60	HB45	-0.0080	2.4288	0.0000	0.396	0.424	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.252	0.252	1.685	1.685		0.424
↓	Super Trans	Grade	1987+60.00	HB45	1553.59	61.20	0.062%	0.00	1553.55	0.00	0.062%	0.00	1553.55	HB45	-0.0100	2.4359	0.0000	0.424	0.452	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.243	0.243	1.857	1.857		0.452
↓	Super Trans	Grade	1987+65.00	HB45	1553.53	61.18	0.054%	0.00	1553.50	0.00	0.054%	0.00	1553.50	HB45	-0.0100	2.4429	0.0000	0.452	0.480	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.254	0.254	1.892	1.892		0.480
↓	Super Trans	Grade	1987+70.00	HB45	1553.48	61.15	0.046%	0.00	1553.45	0.00	0.046%	0.00	1553.45	HB45	-0.0100	2.4499	0.0000	0.480	0.508	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.264	0.264	1.926	1.926		0.508
↓	Super Trans	Grade	1987+75.00	HB45	1553.42	61.13	0.039%	0.00	1553.40	0.00	0.039%	0.00	1553.40	HB45	-0.0100	2.4569	0.0000	0.508	0.537	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.274	0.274	1.959	1.959		0.537
↓	Super Trans	Grade **3**	1987+80.00	HB45	1553.37	61.10	0.031%	0.00	1553.35	0.00	0.031%	0.00	1553.35	HB45	-0.0100	2.4639	0.0000	0.537	0.565	**Right**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.283	0.283	1.992	1.992	3	0.565
↓	Super Trans	Grade	1987+85.00	HB45	1553.31	61.08	0.023%	0.00	1553.30	0.00	0.023%	0.00	1553.30	HB45	-0.0100	2.4709	0.0000	0.000	0.028	**Right**	HB45	12.00	0.00	1.75	0.00	1.75	18.000	**OK**	0.031	0.031	0.921	0.921		0.028
↓	Super Trans	Grade	1987+90.00	HB45	1553.27	61.05	0.015%	0.00	1553.26	0.00	0.015%	0.00	1553.26	HB45	-0.0080	2.4780	0.0000	0.028	0.056	**Right**	HB45	12.00	0.00	2.36	0.00	2.36	18.000	**OK**	0.056	0.056	1.007	1.007		0.056
↓	Super Trans	Grade	1987+95.00	HB45	1553.21	61.03	0.008%	0.00	1553.21	0.00	0.008%	0.00	1553.21	HB45	-0.0100	2.4850	0.0000	0.056	0.084	**Right**	HB45	12.00	0.00	2.64	0.00	2.64	18.000	**OK**	0.070	0.070	1.212	1.212		0.084
↓	Super Trans	Grade	1988+00.00	HB45	1553.16	61.00	0.000%	0.00	1553.16	0.00	0.000%	0.00	1553.16	HB45	-0.0100	2.4920	0.0000	0.084	0.112	**Right**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.112
↓	Super Trans	Grade	1988+05.00	HB45	1553.11	60.98	-0.007%	0.00	1553.11	0.00	-0.007%	0.00	1553.11	HB45	-0.0100	2.4990	0.0000	0.112	0.140	**Left**	HB45	12.00	0.00	3.19	0.00	3.19	18.000	**OK**	0.102	0.102	1.377	1.377		0.140
↓	Super Trans	Grade	1988+10.00	HB45	1553.05	60.95	-0.013%	0.00	1553.06	0.00	-0.013%	0.00	1553.06	HB45	-0.0100	2.5060	0.0000	0.140	0.168	**Left**	HB45	12.00	0.00	3.42	0.00	3.42	18.000	**OK**	0.117	0.117	1.441	1.441		0.168
↓	Super Trans	Grade	1988+15.00	HB45	1553.00	60.93	-0.020%	0.00	1553.01	0.00	-0.020%	0.00	1553.01	HB45	-0.0100	2.5130	0.0000	0.168	0.197	**Left**	HB45	12.00	0.00	3.62	0.00	3.62	18.000	**OK**	0.131	0.131	1.497	1.497		0.197
↓	Super Trans	Grade	1988+20.00	HB45	1552.94	60.90	-0.027%	0.00	1552.96	0.00	-0.027%	0.00	1552.96	HB45	-0.0100	2.5200	0.0000	0.197	0.225	**Left**	HB45	12.00	0.00	3.81	0.00	3.81	18.000	**OK**	0.145	0.145	1.548	1.548		0.225
↓	Super Trans	Grade	1988+25.00	HB45	1552.90	60.88	-0.033%	0.00	1552.92	0.00	-0.033%	0.00	1552.92	HB45	-0.0080	2.5269	0.0000	0.225	0.253	**Left**	HB45	12.00	0.00	4.15	0.00	4.15	18.000	**OK**	0.172	0.172	1.466	1.466		0.253
↓	Super Trans	Grade	1988+30.00	HB45	1552.85	60.85	-0.040%	0.00	1552.87	0.00	-0.040%	0.00	1552.87	HB45	-0.0100	2.5339	0.0000	0.253	0.281	**Left**	HB45	12.00	0.00	4.14	0.00	4.14	18.000	**OK**	0.171	0.171	1.637	1.637		0.281
↓	Super Trans	Grade	1988+35.00	HB45	1552.79	60.83	-0.047%	0.00	1552.82	0.00	-0.047%	0.00	1552.82	HB45	-0.0100	2.5409	0.0000	0.281	0.309	**Left**	HB45	12.00	0.00	4.29	0.00	4.29	18.000	**OK**	0.184	0.184	1.676	1.676		0.309
↓	Super Trans	Grade	1988+40.00	HB45	1552.74	60.80	-0.053%	0.00	1552.77	0.00	-0.053%	0.00	1552.77	HB45	-0.0100	2.5479	0.0000	0.309	0.337	**Left**	HB45	12.00	0.00	4.43	0.00	4.43	18.000	**OK**	0.196	0.196	1.713	1.713		0.337
↓	Super Trans	Grade	1988+45.00	HB45	1552.68	60.78	-0.060%	0.00	1552.72	0.00	-0.060%	0.00	1552.72	HB45	-0.0100	2.5549	0.0000	0.337	0.365	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.209	0.209	1.748	1.748		0.365
↓	Super Trans	Grade	1988+50.00	HB45	1552.63	60.75	-0.067%	0.00	1552.67	0.00	-0.067%	0.00	1552.67	HB45	-0.0100	2.5618	0.0000	0.365	0.393	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.220	0.220	1.783	1.783		0.393
↓	Super Trans	Grade	1988+55.00	HB45	1552.59	60.73	-0.073%	0.00	1552.63	0.00	-0.073%	0.00	1552.63	HB45	-0.0080	2.5688	0.0000	0.393	0.420	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.250	0.250	1.681	1.681		0.420
↓	Super Trans	Grade	1988+60.00	HB45	1552.53	60.70	-0.080%	0.00	1552.58	0.00	-0.080%	0.00	1552.58	HB45	-0.0100	2.5758	0.0000	0.420	0.448	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.242	0.242	1.853	1.853		0.448
↓	Super Trans	Grade	1988+65.00	HB45	1552.48	60.68	-0.087%	0.00	1552.53	0.00	-0.087%	0.00	1552.53	HB45	-0.0100	2.5827	0.0000	0.448	0.476	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.252	0.252	1.887	1.887		0.476
↓	Super Trans	Grade	1988+70.00	HB45	1552.42	60.65	-0.093%	0.00	1552.48	0.00	-0.093%	0.00	1552.48	HB45	-0.0100	2.5897	0.0000	0.476	0.504	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.262	0.262	1.921	1.921		0.504
↓	Super Trans	Grade	1988+75.00	HB45	1552.37	60.63	-0.100%	0.00	1552.43	0.00	-0.100%	0.00	1552.43	HB45	-0.0100	2.5967	0.0000	0.504	0.532	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.272	0.272	1.954	1.954		0.532
↓	Grade		1988+80.00	HB45	1552.32	60.60	-0.107%	0.00	1552.38	0.00	-0.107%	0.00	1552.38	HB45	-0.0100	2.6036	0.0000	0.532	0.560	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.282	0.282	1.987	1.987		0.560
↓	Grade		1988+85.00	HB45	1552.26	60.58	-0.113%	0.00	1552.33	0.00	-0.113%	0.00	1552.33	HB45	-0.0100	2.6106	0.0000	0.560	0.588	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.291	0.291	2.019	2.019		0.588
↓	Grade		1988+90.00	HB45	1552.22	60.55	-0.120%	0.00	1552.29	0.00	-0.120%	0.00	1552.29	HB45	-0.0080	2.6175	0.0000	0.588	0.616	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.323	0.323	1.905	1.905		0.616
↓	Grade		1988+95.00	HB45	1552.16	60.53	-0.127%	0.00	1552.24	0.00	-0.127%	0.00	1552.24	HB45	-0.0100	2.6245	0.0000	0.616	0.644	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.309	0.309	2.082	2.082		0.644
↓	Grade		1989+00.00	HB45	1552.11	60.50	-0.133%	0.00	1552.19	0.00	-0.133%	0.00	1552.19	HB45	-0.0100	2.6314	0.0000	0.644	0.671	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.318	0.318	2.112	2.112		0.671
↓	Grade		1989+05.00	HB45	1552.06	60.48	-0.140%	0.00	1552.14	0.00	-0.140%	0.00	1552.14	HB45	-0.0100	2.6384	0.0000	0.671	0.699	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.326	0.326	2.142	2.142		0.699
↓	Grade		1989+10.00	HB45	1552.00	60.45	-0.147%	0.00	1552.09	0.00	-0.147%	0.00	1552.09	HB45	-0.0100	2.6453	0.0000	0.699	0.727	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.335	0.335	2.171	2.171		0.727
↓	Grade		1989+15.00	HB45	1551.95	60.43	-0.153%	0.00	1552.04	0.00	-0.153%	0.00	1552.04	HB45	-0.0100	2.6522	0.0000	0.727	0.755	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	2.200	2.200		0.755
↓	Grade		1989+20.00	HB45	1551.89	60.40	-0.160%	0.00	1551.99	0.00	-0.160%	0.00	1551.99	HB45	-0.0100	2.6592	0.0000	0.755	0.783	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.351	0.351	2.228	2.228		0.783
↓	Grade		1989+25.00	HB45	1551.85	60.38	-0.167%	0.00	1551.95	0.00	-0.167%	0.00	1551.95	HB45	-0.0080	2.6661	0.0000	0.783	0.811	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	2.100	2.100		0.811
↓	Grade		1989+30.00	HB45	1551.80	60.35	-0.173%	0.00	1551.90	0.00	-0.173%	0.00	1551.90	HB45	-0.0100	2.6730	0.0000	0.811	0.838	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.367	0.367	2.283	2.283		0.838
↓	Grade		1989+35.00	HB45	1551.74	60.33	-0.180%	0.00	1551.85	0.00	-0.180%	0.00	1551.85	HB45	-0.0100	2.6800	0.0000	0.838	0.866	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.375	0.375	2.310	2.310		0.866
↓	Grade		1989+40.00	HB45	1551.69	60.30	-0.187%	0.00	1551.80	0.00	-0.187%	0.00	1551.80	HB45	-0.0100	2.6869	0.0000	0.866	0.894	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.383	0.383	2.337	2.337		0.894
↓	Grade		1989+45.00	HB45	1551.63	60.28	-0.193%	0.00	1551.75	0.00	-0.193%	0.00	1551.75	HB45	-0.0100	2.6938	0.0000	0.894	0.922	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.390	0.390	2.363	2.363		0.922
↓	Grade **3**		1989+50.00	HB45	1551.58	60.25	-0.200%	0.00	1551.70	0.00	-0.200%	0.00	1551.70	HB45	-0.0100	2.7007	0.0000	0.922	0.949	**Left**	HB45	12.00	0.00	4.50	0.83	5.33	18.000	**OK**	0.397	0.398	2.388	2.384	3	0.949
↓	Grade		1989+55.00	HB45	1551.54	60.23	-0.207%	0.00	1551.66	0.00	-0.207%	0.00	1551.66	HB45	-0.0080	2.7076	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	1.81	0.00	1.81	18.000	**OK**	0.033	0.033	0.844	0.844		0.028
↓	Grade		1989+60.00	HB45	1551.48	60.20	-0.213%	0.00	1551.61	0.00	-0.213%	0.00	1551.61	HB45	-0.0100	2.7146	0.0000	0.028	0.055	**Left**	HB45	12.00	0.00	2.25	0.00	2.25	18.000	**OK**	0.051	0.051	1.092	1.092		0.055
↓	Grade		1989+65.00	HB45	1551.43	60.18	-0.220%	0.00	1551.56	0.00	-0.220%	0.00	1551.56	HB45	-0.0100	2.7215	0.0000	0.055	0.083	**Left**	HB45	12.00	0.00	2.62	0.00	2.62	18.000	**OK**	0.069	0.069	1.208	1.208		0.083
↓	Grade		1989+70.00	HB45	1551.37	60.15	-0.227%	0.00	1551.51	0.00	-0.227%	0.00	1551.51	HB45	-0.0100	2.7284	0.0000	0.083	0.111	**Left**	HB45	12.00	0.00	2.92	0.00	2.92	18.000	**OK**	0.085	0.085	1.298	1.298		0.111
↓	Grade		1989+75.00	HB45	1551.32	60.13	-0.233%	0.00	1551.46	0.00	-0.233%	0.00	1551.46	HB45	-0.0100	2.7353	0.0000	0.111	0.139	**Left**	HB45	12.00	0.00	3.18	0.00	3.18	18.000	**OK**	0.101	0.101	1.372	1.372		0.139
↓	Grade		1989+80.00	HB45	1551.27	60.10	-0.240%	0.00	1551.41	0.00	-0.240%	0.00	1551.41	HB45	-0.0100	2.7422	0.0000	0.139	0.166	**Left**	HB45	12.00	0.00	3.40	0.00	3.40	18.000	**OK**	0.116	0.116	1.436	1.436		0.166
↓	Grade		1989+85.00	HB45	1551.21	60.08	-0.247%	0.00	1551.36	0.00	-0.247%	0.00	1551.36	HB45	-0.0100	2.7491	0.0000	0.166	0.194	**Left**	HB45	12.00	0.00	3.60	0.00	3.60	18.000	**OK**	0.130	0.130	1.492	1.492		0.194
↓	Grade		1989+90.00	HB45	1551.17	60.05	-0.253%	0.00	1551.32	0.00	-0.253%	0.00	1551.32	HB45	-0.0080	2.7560	0.0000	0.194	0.222	**Left**	HB45	12.00	0.00	3.95	0.00	3.95	18.000	**OK**	0.156	0.156	1.419	1.419		0.222
↓	Grade		1989+95.00	HB45	1551.11	60.03	-0.260%	0.00	1551.27	0.00	-0.260%	0.00	1551.27	HB45	-0.0100	2.7629	0.0000	0.222	0.249	**Left**	HB45	12.00	0.00	3.96	0.00	3.96	18.000	**OK**	0.157	0.157	1.589	1.589		0.249
↓	Grade		1990+00.00	HB45	1551.06	60.00	-0.267%	0.00	1551.22	0.00	-0.267%	0.00	1551.22	HB45	-0.0100	2.7697	0.0000	0.249	0.277	**Left**	HB45	12.00	0.00	4.12	0.00	4.12	18.000	**OK**	0.170	0.170	1.631	1.631		0.277
↓	Grade		1990+05.00	HB45	1551.01	60.01	-0.273%	0.00	1551.17	0.00	-0.273%	0.00	1551.17	HB45	-0.0100	2.7766	0.0000	0.277	0.304	**Left**	HB45	12.00	0.00	4.27	0.00	4.27	18.000	**OK**	0.182	0.182	1.670	1.670		0.304
↓	Grade		1990+10.00	HB45	1550.95	60.02	-0.280%	0.00	1551.12	0.00	-0.280%	0.00	1551.12	HB45	-0.0100	2.7835	0.0000	0.304	0.332	**Left**	HB45	12.00	0.00	4.41	0.00	4.41	18.000	**OK**	0.194	0.194	1.707	1.707		0.332
↓	Grade		1990+15.00	HB45	1550.90	60.03	-0.287%	0.00	1551.07	0.00	-0.287%	0.00	1551.07	HB45	-0.0100	2.7904	0.0000	0.332	0.360	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.206	0.206	1.742	1.742		0.360
↓	Grade		1990+20.00	HB45	1550.86	60.04	-0.293%	0.00	1551.04	0.00	-0.293%	0.00	1551.04	HB45	-0.0060	2.7973	0.0000	0.360	0.387	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.261	0.261	1.484	1.484		0.387
↓	Grade		1990+25.00	HB45	1550.84	60.05	-0.300%	0.00	1551.02	0.00	-0.300%	0.00	1551.02	HB45	-0.0040	2.8042	0.0000	0.387	0.415	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.313	0.313	1.325	1.325		0.415
↓	Grade		1990+30.00	HB45	1550.80	60.06	-0.307%	0.00	1550.98	0.00	-0.307%	0.00	1550.98	HB45	-0.0080	2.8111	0.0000	0.415	0.442	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	1.708	1.708		0.442
↓	Grade		1990+35.00	HB45	1550.74	60.07	-0.313%	0.00	1550.93	0.00	-0.313%	0.00	1550.93	HB45	-0.0100	2.8180	0.0000	0.442	0.470	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.250	0.250	1.880	1.880		0.470
↓	Grade		1990+40.00	HB45	1550.69	60.08	-0.320%	0.00	1550.88	0.00	-0.320%	0.00	1550.88	HB45	-0.0100	2.8249	0.0000	0.470	0.498	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.260	0.260	1.913	1.913		0.498
↓	Grade		1990+45.00	HB45	1550.63	60.09	-0.327%	0.00	1550.83	0.00	-0.327%	0.00	1550.83	HB45	-0.0100	2.8318	0.0000	0.498	0.525	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.270	0.270	1.946	1.946		0.525
↓	Grade **3**		1990+50.00	HB45	1550.59	60.10	-0.333%	0.00	1550.79	0.00	-0.333%	0.00	1550.79	HB45	-0.0080	2.8387	0.0000	0.525	0.553	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.301	0.301	1.837	1.837	3	0.553
↓	Grade		1990+55.00	HB45	1550.54	60.11	-0.340%	0.00	1550.74	0.00	-0.340%	0.00	1550.74	HB45	-0.0100	2.8456	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	1.74	0.00	1.74	18.000	**OK**	0.030	0.030	0.917	0.917		0.028
↓	Grade		1990+60.00	HB45	1550.48	60.12	-0.347%	0.00	1550.69	0.00	-0.347%	0.00	1550.69	HB45	-0.0100	2.8525	0.0000	0.028	0.055	**Left**	HB45	12.00	0.00	2.25	0.00	2.25	18.000	**OK**	0.051	0.051	1.091	1.091		0.055
↓	Grade		1990+65.00	HB45	1550.44	60.13	-0.353%	0.00	1550.65	0.00	-0.353%	0.00	1550.65	HB45	-0.0080	2.8594	0.0000	0.055	0.083	**Left**	HB45	12.00	0.00	2.73	0.00	2.73	18.000	**OK**	0.075	0.075	1.110	1.110		0.083
↓	Grade		1990+70.00	HB45	1550.38	60.14	-0.360%	0.00	1550.60	0.00	-0.360%	0.00	1550.60	HB45	-0.0100	2.8663	0.0000	0.083	0.111	**Left**	HB45	12.00	0.00	2.92	0.00	2.92	18.000	**OK**	0.085	0.085	1.297	1.297		0.111
↓	Grade		1990+75.00	HB45	1550.34	60.15	-0.367%	0.00	1550.56	0.00	-0.367%	0.00	1550.56	HB45	-0.0080	2.8732	0.0000	0.111	0.138	**Left**	HB45	12.00	0.00	3.31	0.00	3.31	18.000	**OK**	0.110	0.110	1.261	1.261		0.138
↓	Grade		1990+80.00	HB45	1550.29	60.16	-0.373%	0.00	1550.51	0.00	-0.373%	0.00	1550.51	HB45	-0.0100	2.8801	0.0000	0.138	0.166	**Left**	HB45	12.00	0.00	3.40	0.00	3.40	18.000	**OK**	0.116	0.116	1.436	1.436		0.166
↓	Grade		1990+85.00	HB45	1550.24	60.17	-0.380%	0.00	1550.47	0.00	-0.380%	0.00	1550.47	HB45	-0.0080	2.8870	0.0000	0.166	0.194	**Left**	HB45	12.00	0.00	3.76	0.00	3.76	18.000	**OK**	0.141	0.141	1.372	1.372		0.194
↓	Grade		1990+90.00	HB45	1550.19	60.18	-0.387%	0.00	1550.42	0.00	-0.387%	0.00	1550.42	HB45	-0.0100	2.8939	0.0000	0.194	0.221	**Left**	HB45	12.00	0.00	3.79	0.00	3.79	18.000	**OK**	0.144	0.144	1.543	1.543		0.221
↓	Grade		1990+95.00	HB45	1550.14	60.19	-0.393%	0.00	1550.38	0.00	-0.393%	0.00	1550.38	HB45	-0.0080	2.9008	0.0000	0.221	0.249	**Left**	HB45	12.00	0.00	4.13	0.00	4.13	18.000	**OK**	0.170	0.170	1.461	1.461		0.249

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade		1991+00.00	HB45	1550.10	60.20	-0.400%	0.00	1550.34	0.00	-0.400%	0.00	1550.34	HB45	-0.0080	2.9077	0.0000	0.249	0.277	**Left**	HB45	12.00	0.00	4.30	0.00	4.30	18.000	**OK**	0.184	0.184	1.500	1.500		0.277
↓	Grade		1991+05.00	HB45	1550.05	60.21	-0.407%	0.00	1550.29	0.00	-0.407%	0.00	1550.29	HB45	-0.0100	2.9146	0.0000	0.277	0.304	**Left**	HB45	12.00	0.00	4.27	0.00	4.27	18.000	**OK**	0.182	0.182	1.671	1.671		0.304
↓	Grade		1991+10.00	HB45	1550.00	60.22	-0.413%	0.00	1550.25	0.00	-0.413%	0.00	1550.25	HB45	-0.0080	2.9215	0.0000	0.304	0.332	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.211	0.211	1.571	1.571		0.332
↓	Grade		1991+15.00	HB45	1549.96	60.23	-0.420%	0.00	1550.21	0.00	-0.420%	0.00	1550.21	HB45	-0.0080	2.9285	0.0000	0.332	0.360	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.224	0.224	1.606	1.606		0.360
↓	Grade		1991+20.00	HB45	1549.91	60.24	-0.427%	0.00	1550.17	0.00	-0.427%	0.00	1550.17	HB45	-0.0080	2.9354	0.0000	0.360	0.388	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.236	0.236	1.640	1.640		0.388
↓	Grade		1991+25.00	HB45	1549.87	60.25	-0.433%	0.00	1550.13	0.00	-0.433%	0.00	1550.13	HB45	-0.0080	2.9423	0.0000	0.388	0.415	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.248	0.248	1.675	1.675		0.415
↓	Grade		1991+30.00	HB45	1549.82	60.26	-0.440%	0.00	1550.09	0.00	-0.440%	0.00	1550.09	HB45	-0.0080	2.9492	0.0000	0.415	0.443	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	1.709	1.709		0.443
↓	Grade		1991+35.00	HB45	1549.77	60.27	-0.447%	0.00	1550.04	0.00	-0.447%	0.00	1550.04	HB45	-0.0100	2.9561	0.0000	0.443	0.471	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.250	0.250	1.880	1.880		0.471
↓	Grade		1991+40.00	HB45	1549.73	60.28	-0.453%	0.00	1550.00	0.00	-0.453%	0.00	1550.00	HB45	-0.0080	2.9630	0.0000	0.471	0.499	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.281	0.281	1.775	1.775		0.499
↓	Grade		1991+45.00	HB45	1549.68	60.29	-0.460%	0.00	1549.96	0.00	-0.460%	0.00	1549.96	HB45	-0.0080	2.9700	0.0000	0.499	0.526	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.291	0.291	1.807	1.807		0.526
↓	Grade		1991+50.00	HB45	1549.65	60.30	-0.467%	0.00	1549.93	0.00	-0.467%	0.00	1549.93	HB45	-0.0060	2.9769	0.0000	0.526	0.554	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.331	0.331	1.672	1.672		0.554
↓	Grade		1991+55.00	HB45	1549.60	60.31	-0.473%	0.00	1549.89	0.00	-0.473%	0.00	1549.89	HB45	-0.0080	2.9838	0.0000	0.554	0.582	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.311	0.311	1.869	1.869		0.582
↓	Grade		1991+60.00	HB45	1549.56	60.32	-0.480%	0.00	1549.85	0.00	-0.480%	0.00	1549.85	HB45	-0.0080	2.9907	0.0000	0.582	0.610	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.321	0.321	1.899	1.899		0.610
↓	Grade		1991+65.00	HB45	1549.52	60.33	-0.487%	0.00	1549.81	0.00	-0.487%	0.00	1549.81	HB45	-0.0080	2.9976	0.0000	0.610	0.637	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.331	0.331	1.928	1.928		0.637
↓	Grade		1991+70.00	HB45	1549.47	60.34	-0.493%	0.00	1549.77	0.00	-0.493%	0.00	1549.77	HB45	-0.0080	3.0046	0.0000	0.637	0.665	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.340	0.340	1.957	1.957		0.665
↓	Grade		1991+75.00	HB45	1549.43	60.35	-0.500%	0.00	1549.73	0.00	-0.500%	0.00	1549.73	HB45	-0.0080	3.0115	0.0000	0.665	0.693	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.349	0.349	1.986	1.986		0.693
↓	Grade		1991+80.00	HB45	1549.39	60.36	-0.507%	0.00	1549.70	0.00	-0.507%	0.00	1549.70	HB45	-0.0060	3.0184	0.0000	0.693	0.721	**Left**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.392	0.392	1.836	1.836		0.721
↓	Grade		1991+85.00	HB45	1549.35	60.37	-0.513%	0.00	1549.66	0.00	-0.513%	0.00	1549.66	HB45	-0.0080	3.0254	0.0000	0.721	0.748	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.367	0.367	2.041	2.041		0.748
↓	Grade		1991+90.00	HB45	1549.31	60.38	-0.520%	0.00	1549.62	0.00	-0.520%	0.00	1549.62	HB45	-0.0080	3.0323	0.0000	0.748	0.776	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.375	0.375	2.068	2.068		0.776
↓	Grade		1991+95.00	HB45	1549.27	60.39	-0.527%	0.00	1549.59	0.00	-0.527%	0.00	1549.59	HB45	-0.0060	3.0392	0.0000	0.776	0.804	**Left**	HB45	12.00	0.00	4.50	1.28	5.78	18.000	**OK**	0.420	0.425	1.911	1.893		0.804
↓	Grade		1992+00.00	HB45	1549.23	60.40	-0.533%	0.00	1549.55	0.00	-0.533%	0.00	1549.55	HB45	-0.0080	3.0461	0.0000	0.804	0.832	**Left**	HB45	12.00	0.00	4.50	0.09	4.59	18.000	**OK**	0.392	0.392	2.120	2.120		0.832
↓	Grade		1992+05.00	HB45	1549.17	60.41	-0.540%	0.00	1549.50	0.00	-0.540%	0.00	1549.50	HB45	-0.0100	3.0531	0.0000	0.832	0.860	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	2.304	2.304		0.860
↓	Grade	**3**	1992+10.00	HB45	1549.15	60.42	-0.547%	0.00	1549.48	0.00	-0.547%	0.00	1549.48	HB45	-0.0040	3.0600	0.0000	0.860	0.887	**Left**	HB45	12.00	0.00	4.50	4.49	8.99	18.000	**OK**	0.501	0.556	1.731	1.597	3	0.887
↓	Grade		1992+15.00	HB45	1549.11	60.43	-0.553%	0.00	1549.44	0.00	-0.553%	0.00	1549.44	HB45	-0.0080	3.0669	0.0000	0.021	0.049	**Left**	HB45	12.00	0.00	2.25	0.00	2.25	18.000	**OK**	0.051	0.051	0.974	0.974		0.049
↓	Grade		1992+20.00	HB45	1549.07	60.44	-0.560%	0.00	1549.41	0.00	-0.560%	0.00	1549.41	HB45	-0.0060	3.0739	0.0000	0.049	0.077	**Left**	HB45	12.00	0.00	2.81	0.00	2.81	18.000	**OK**	0.079	0.079	0.978	0.978		0.077
↓	Grade		1992+25.00	HB45	1549.04	60.45	-0.567%	0.00	1549.38	0.00	-0.567%	0.00	1549.38	HB45	-0.0060	3.0808	0.0000	0.077	0.105	**Left**	HB45	12.00	0.00	3.15	0.00	3.15	18.000	**OK**	0.099	0.099	1.057	1.057		0.105
↓	Grade		1992+30.00	HB45	1548.99	60.46	-0.573%	0.00	1549.34	0.00	-0.573%	0.00	1549.34	HB45	-0.0080	3.0878	0.0000	0.105	0.133	**Left**	HB45	12.00	0.00	3.26	0.00	3.26	18.000	**OK**	0.106	0.106	1.248	1.248		0.133
↓	Grade		1992+35.00	HB45	1548.96	60.47	-0.580%	0.00	1549.31	0.00	-0.580%	0.00	1549.31	HB45	-0.0060	3.0947	0.0000	0.133	0.160	**Left**	HB45	12.00	0.00	3.70	0.00	3.70	18.000	**OK**	0.137	0.137	1.175	1.175		0.160
↓	Grade		1992+40.00	HB45	1548.93	60.48	-0.587%	0.00	1549.28	0.00	-0.587%	0.00	1549.28	HB45	-0.0060	3.1016	0.0000	0.160	0.188	**Left**	HB45	12.00	0.00	3.92	0.00	3.92	18.000	**OK**	0.154	0.154	1.223	1.223		0.188
↓	Grade		1992+45.00	HB45	1548.88	60.49	-0.593%	0.00	1549.24	0.00	-0.593%	0.00	1549.24	HB45	-0.0080	3.1086	0.0000	0.188	0.216	**Left**	HB45	12.00	0.00	3.91	0.00	3.91	18.000	**OK**	0.153	0.153	1.410	1.410		0.216
↓	Grade		1992+50.00	HB45	1548.85	60.50	-0.600%	0.00	1549.21	0.00	-0.600%	0.00	1549.21	HB45	-0.0060	3.1155	0.0000	0.216	0.244	**Left**	HB45	12.00	0.00	4.32	0.00	4.32	18.000	**OK**	0.187	0.187	1.305	1.305		0.244
↓	Grade		1992+55.00	HB45	1548.81	60.51	-0.607%	0.00	1549.18	0.00	-0.607%	0.00	1549.18	HB45	-0.0060	3.1225	0.0000	0.244	0.272	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.203	0.203	1.341	1.341		0.272
↓	Grade		1992+60.00	HB45	1548.78	60.52	-0.613%	0.00	1549.15	0.00	-0.613%	0.00	1549.15	HB45	-0.0060	3.1294	0.0000	0.272	0.300	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.218	0.218	1.375	1.375		0.300
↓	Grade		1992+65.00	HB45	1548.74	60.53	-0.620%	0.00	1549.12	0.00	-0.620%	0.00	1549.12	HB45	-0.0060	3.1364	0.0000	0.300	0.328	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.232	0.232	1.410	1.410		0.328
↓	Grade		1992+70.00	HB45	1548.71	60.54	-0.627%	0.00	1549.09	0.00	-0.627%	0.00	1549.09	HB45	-0.0060	3.1433	0.0000	0.328	0.355	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.246	0.246	1.445	1.445		0.355
↓	Grade		1992+75.00	HB45	1548.68	60.55	-0.633%	0.00	1549.06	0.00	-0.633%	0.00	1549.06	HB45	-0.0060	3.1503	0.0000	0.355	0.383	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	1.479	1.479		0.383
↓	Grade		1992+80.00	HB45	1548.64	60.56	-0.640%	0.00	1549.03	0.00	-0.640%	0.00	1549.03	HB45	-0.0060	3.1572	0.0000	0.383	0.411	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.272	0.272	1.512	1.512		0.411
↓	Grade		1992+85.00	HB45	1548.61	60.57	-0.647%	0.00	1549.00	0.00	-0.647%	0.00	1549.00	HB45	-0.0060	3.1642	0.0000	0.411	0.439	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	1.545	1.545		0.439
↓	Grade		1992+90.00	HB45	1548.57	60.58	-0.653%	0.00	1548.97	0.00	-0.653%	0.00	1548.97	HB45	-0.0060	3.1711	0.0000	0.439	0.467	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.296	0.296	1.577	1.577		0.467
↓	Grade		1992+95.00	HB45	1548.54	60.59	-0.660%	0.00	1548.94	0.00	-0.660%	0.00	1548.94	HB45	-0.0060	3.1781	0.0000	0.467	0.495	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.308	0.308	1.608	1.608		0.495
↓	Grade		1993+00.00	HB45	1548.51	60.60	-0.667%	0.00	1548.91	0.00	-0.667%	0.00	1548.91	HB45	-0.0060	3.1850	0.0000	0.495	0.523	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.319	0.319	1.639	1.639		0.523
↓	Grade		1993+05.00	HB45	1548.47	60.61	-0.673%	0.00	1548.88	0.00	-0.673%	0.00	1548.88	HB45	-0.0060	3.1920	0.0000	0.523	0.550	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.330	0.330	1.668	1.668		0.550
↓	Grade		1993+10.00	HB45	1548.44	60.62	-0.680%	0.00	1548.85	0.00	-0.680%	0.00	1548.85	HB45	-0.0060	3.1989	0.0000	0.550	0.578	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	1.698	1.698		0.578
↓	Grade		1993+15.00	HB45	1548.41	60.63	-0.687%	0.00	1548.83	0.00	-0.687%	0.00	1548.83	HB45	-0.0040	3.2059	0.0000	0.578	0.606	**Left**	HB45	12.00	0.00	4.50	0.32	4.82	18.000	**OK**	0.400	0.400	1.516	1.515		0.606
↓	Grade		1993+20.00	HB45	1548.38	60.64	-0.693%	0.00	1548.80	0.00	-0.693%	0.00	1548.80	HB45	-0.0060	3.2129	0.0000	0.606	0.634	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.362	0.362	1.754	1.754		0.634
↓	Grade		1993+25.00	HB45	1548.35	60.65	-0.700%	0.00	1548.77	0.00	-0.700%	0.00	1548.77	HB45	-0.0060	3.2198	0.0000	0.634	0.662	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.372	0.372	1.781	1.781		0.662
↓	Grade		1993+30.00	HB45	1548.32	60.66	-0.707%	0.00	1548.75	0.00	-0.707%	0.00	1548.75	HB45	-0.0040	3.2268	0.0000	0.662	0.690	**Left**	HB45	12.00	0.00	4.50	1.37	5.87	18.000	**OK**	0.433	0.440	1.589	1.568		0.690
↓	Grade		1993+35.00	HB45	1548.29	60.67	-0.713%	0.00	1548.72	0.00	-0.713%	0.00	1548.72	HB45	-0.0060	3.2338	0.0000	0.690	0.718	**Left**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.391	0.391	1.834	1.834		0.718
↓	Grade		1993+40.00	HB45	1548.25	60.68	-0.720%	0.00	1548.69	0.00	-0.720%	0.00	1548.69	HB45	-0.0060	3.2407	0.0000	0.718	0.746	**Left**	HB45	12.00	0.00	4.50	0.34	4.84	18.000	**OK**	0.401	0.401	1.860	1.858		0.746
↓	Grade		1993+45.00	HB45	1548.23	60.69	-0.727%	0.00	1548.67	0.00	-0.727%	0.00	1548.67	HB45	-0.0040	3.2477	0.0000	0.746	0.774	**Left**	HB45	12.00	0.00	4.50	2.27	6.77	18.000	**OK**	0.464	0.483	1.655	1.602		0.774
↓	Grade	**3**	1993+50.00	HB45	1548.19	60.70	-0.733%	0.00	1548.64	0.00	-0.733%	0.00	1548.64	HB45	-0.0060	3.2547	0.0000	0.774	0.802	**Left**	HB45	12.00	0.00	4.50	0.90	5.40	18.000	**OK**	0.420	0.423	1.909	1.897	3	0.802
↓	Grade		1993+55.00	HB45	1548.17	60.71	-0.740%	0.00	1548.62	0.00	-0.740%	0.00	1548.62	HB45	-0.0040	3.2616	0.0000	0.001	0.029	**Left**	HB45	12.00	0.00	2.09	0.00	2.09	18.000	**OK**	0.044	0.044	0.655	0.655		0.029
↓	Grade		1993+60.00	HB45	1548.15	60.72	-0.747%	0.00	1548.60	0.00	-0.747%	0.00	1548.60	HB45	-0.0040	3.2686	0.0000	0.029	0.056	**Left**	HB45	12.00	0.00	2.69	0.00	2.69	18.000	**OK**	0.073	0.073	0.777	0.777		0.056
↓	Grade		1993+65.00	HB45	1548.11	60.73	-0.753%	0.00	1548.57	0.00	-0.753%	0.00	1548.57	HB45	-0.0060	3.2756	0.0000	0.056	0.084	**Left**	HB45	12.00	0.00	2.90	0.00	2.90	18.000	**OK**	0.084	0.084	1.001	1.001		0.084
↓	Grade		1993+70.00	HB45	1548.09	60.74	-0.760%	0.00	1548.55	0.00	-0.760%	0.00	1548.55	HB45	-0.0040	3.2825	0.0000	0.084	0.112	**Left**	HB45	12.00	0.00	3.49	0.00	3.49	18.000	**OK**	0.122	0.122	0.923	0.923		0.112
↓	Grade		1993+75.00	HB45	1548.06	60.75	-0.767%	0.00	1548.53	0.00	-0.767%	0.00	1548.53	HB45	-0.0040	3.2895	0.0000	0.112	0.140	**Left**	HB45	12.00	0.00	3.79	0.00	3.79	18.000	**OK**	0.144	0.144	0.976	0.976		0.140
↓	Grade		1993+80.00	HB45	1548.03	60.76	-0.773%	0.00	1548.50	0.00	-0.773%	0.00	1548.50	HB45	-0.0060	3.2965	0.0000	0.140	0.168	**Left**	HB45	12.00	0.00	3.76	0.00	3.76	18.000	**OK**	0.141	0.141	1.189	1.189		0.168
↓	Grade		1993+85.00	HB45	1548.01	60.77	-0.780%	0.00	1548.48	0.00	-0.780%	0.00	1548.48	HB45	-0.0040	3.3035	0.0000	0.168	0.196	**Left**	HB45	12.00	0.00	4.30	0.00	4.30	18.000	**OK**	0.185	0.185	1.062	1.062		0.196
↓	Grade		1993+90.00	HB45	1547.98	60.78	-0.787%	0.00	1548.46	0.00	-0.787%	0.00	1548.46	HB45	-0.0040	3.3104	0.0000	0.196	0.224	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.204	0.204	1.097	1.097		0.224
↓	Grade		1993+95.00	HB45	1547.96	60.79	-0.793%	0.00	1548.44	0.00	-0.793%	0.00	1548.44	HB45	-0.0040	3.3174	0.0000	0.224	0.252	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.223	0.223	1.133	1.133		0.252
↓	Grade		1994+00.00	HB45	1547.93	60.80	-0.800%	0.00	1548.42	0.00	-0.800%	0.00	1548.42	HB45	-0.0040	3.3244	0.0000	0.252	0.280	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.240	0.240	1.167	1.167		0.280
↓	Grade		1994+05.00	HB45	1547.90	60.81	-0.807%	0.00	1548.39	0.00	-0.807%	0.00	1548.39	HB45	-0.0060	3.3314	0.0000	0.280	0.308	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.222	0.222	1.386	1.386		0.308
↓	Grade		1994+10.00	HB45	1547.88	60.82	-0.813%	0.00	1548.37	0.00	-0.813%	0.00	1548.37	HB45	-0.0040	3.3383	0.0000	0.308	0.336	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.272	0.272	1.235	1.235		0.336
↓	Grade		1994+15.00	HB45	1547.85	60.83	-0.820%	0.00	1548.35	0.00	-0.820%	0.00	1548.35	HB45	-0.0040	3.3453	0.0000	0.336	0.364	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.287	0.287	1.268	1.268		0.364
↓	Grade		1994+20.00	HB45	1547.83	60.84	-0.827%	0.00	1548.33	0.00	-0.827%	0.00	1548.33	HB45	-0.0040	3.3523	0.0000	0.364	0.392	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.302	0.302	1.300	1.300		0.392
↓	Grade		1994+25.00	HB45	1547.81	60.85	-0.833%	0.00	1548.32	0.00	-0.833%	0.00	1548.32	HB45	-0.0020	3.3593	0.0000	0.392	0.420	**Left**	HB45	12.00	0.00	4.50	0.13	4.63	18.000	**OK**	0.395	0.395	1.064	1.064		0.420
↓	Grade		1994+30.00	HB45	1547.79	60.86	-0.840%	0.00	1548.30	0.00	-0.840%	0.00	1548.30	HB45	-0.0040	3.3663	0.0000	0.420	0.448	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.329	0.329	1.361	1.361		0.448
↓	Grade		1994+35.00	HB45	1547.76	60.87	-0.847%	0.00	1548.28	0.00	-0.847%	0.00	1548.28	HB45	-0.0040	3.3733	0.0000	0.448	0.476	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	1.390	1.390		0.476
↓	Grade		1994+40.00	HB45	1547.74	60.88	-0.853%	0.00	1548.26	0.00	-0.853%	0.00	1548.26	HB45	-0.0040	3.3802	0.0000	0.476	0.504	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.355	0.355	1.418	1.418		0.504
↓	Grade		1994+45.00	HB45	1547.72	60.89	-0.860%	0.00	1548.24	0.00	-0.860%	0.00	1548.24	HB45	-0.0040	3.3872	0.0000	0.504	0.532	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.368	0.368	1.446	1.446		0.532
↓	Grade		1994+50.00	HB45	1547.69	60.90	-0.867%	0.00	1548.22	0.00	-0.867%	0.00	1548.22	HB45	-0.0040	3.3942	0.0000	0.532	0.560	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.380	0.380	1.473	1.473		0.560
↓	Grade		1994+55.00	HB45	1547.68	60.91	-0.873%	0.00	1548.21	0.00	-0.873%	0.00	1548.21	HB45	-0.0020	3.4012	0.0000	0.560	0.588	**Left**	HB45	12.00	0.00	4.50	2.41	6.91	18.000	**OK**	0.485	0.510	1.201	1.153		0.588
↓	Grade		1994+60.00	HB45	1547.65	60.92	-0.880%	0.00	1548.19	0.00	-0.880%	0.00	1548.19	HB45	-0.0040	3.4082	0.0000	0.588	0.616	**Left**	HB45	12.00	0.00	4.50	0.35	4.85	18.000	**OK**	0.404	0.405	1.525	1.523		0.616
↓	Grade	**3**	1994+65.00	HB45	1547.63	60.93	-0.887%	0.00	1548.17	0.00	-0.887%	0.00	1548.17	HB45	-0.0040	3.4152	0.0000	0.616	0.644	**Left**	HB45	12.00	0.00	4.50	0.64	5.14	18.000	**OK**	0.416	0.417	1.550	1.544	3	0.644

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade		1994+70.00	HB45	1547.62	60.94	-0.893%	0.00	1548.16	0.00	-0.893%	0.00	1548.16	HB45	-0.0020	3.4222	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	2.37	0.00	2.37	18.000	**OK**	0.056	0.056	0.504	0.504		0.028
↓	Grade		1994+75.00	HB45	1547.59	60.95	-0.900%	0.00	1548.14	0.00	-0.900%	0.00	1548.14	HB45	-0.0040	3.4292	0.0000	0.028	0.056	**Left**	HB45	12.00	0.00	2.69	0.00	2.69	18.000	**OK**	0.073	0.073	0.777	0.777		0.056
↓	Grade		1994+80.00	HB45	1547.58	60.96	-0.907%	0.00	1548.13	0.00	-0.907%	0.00	1548.13	HB45	-0.0020	3.4362	0.0000	0.056	0.084	**Left**	HB45	12.00	0.00	3.57	0.00	3.57	18.000	**OK**	0.127	0.127	0.663	0.663		0.084
↓	Grade		1994+85.00	HB45	1547.55	60.97	-0.913%	0.00	1548.11	0.00	-0.913%	0.00	1548.11	HB45	-0.0040	3.4432	0.0000	0.084	0.112	**Left**	HB45	12.00	0.00	3.49	0.00	3.49	18.000	**OK**	0.122	0.122	0.924	0.924		0.112
↓	Grade		1994+90.00	HB45	1547.54	60.98	-0.920%	0.00	1548.10	0.00	-0.920%	0.00	1548.10	HB45	-0.0020	3.4502	0.0000	0.112	0.141	**Left**	HB45	12.00	0.00	4.32	0.00	4.32	18.000	**OK**	0.187	0.187	0.753	0.753		0.141
↓	Grade		1994+95.00	HB45	1547.51	60.99	-0.927%	0.00	1548.08	0.00	-0.927%	0.00	1548.08	HB45	-0.0040	3.4572	0.0000	0.141	0.169	**Left**	HB45	12.00	0.00	4.06	0.00	4.06	18.000	**OK**	0.165	0.165	1.022	1.022		0.169
↓	Grade		1995+00.00	HB45	1547.50	61.00	-0.933%	0.00	1548.07	0.00	-0.933%	0.00	1548.07	HB45	-0.0020	3.4642	0.0000	0.169	0.197	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.239	0.239	0.824	0.824		0.197
↓	Grade		1995+05.00	HB45	1547.49	61.01	-0.940%	0.00	1548.06	0.00	-0.940%	0.00	1548.06	HB45	-0.0020	3.4712	0.0000	0.197	0.225	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.262	0.262	0.858	0.858		0.225
↓	Grade		1995+10.00	HB45	1547.46	61.02	-0.947%	0.00	1548.04	0.00	-0.947%	0.00	1548.04	HB45	-0.0040	3.4782	0.0000	0.225	0.253	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.223	0.223	1.133	1.133		0.253
↓	Grade		1995+15.00	HB45	1547.45	61.03	-0.953%	0.00	1548.03	0.00	-0.953%	0.00	1548.03	HB45	-0.0020	3.4852	0.0000	0.253	0.281	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.304	0.304	0.923	0.923		0.281
↓	Grade		1995+20.00	HB45	1547.43	61.04	-0.960%	0.00	1548.02	0.00	-0.960%	0.00	1548.02	HB45	-0.0020	3.4922	0.0000	0.281	0.309	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.324	0.324	0.954	0.954		0.309
↓	Grade		1995+25.00	HB45	1547.42	61.05	-0.967%	0.00	1548.01	0.00	-0.967%	0.00	1548.01	HB45	-0.0020	3.4992	0.0000	0.309	0.337	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	0.983	0.983		0.337
↓	Grade		1995+30.00	HB45	1547.40	61.06	-0.973%	0.00	1547.99	0.00	-0.973%	0.00	1547.99	HB45	-0.0040	3.5062	0.0000	0.337	0.365	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.288	0.288	1.269	1.269		0.365
↓	Grade		1995+35.00	HB45	1547.38	61.07	-0.980%	0.00	1547.98	0.00	-0.980%	0.00	1547.98	HB45	-0.0020	3.5132	0.0000	0.365	0.393	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.379	0.379	1.039	1.039		0.393
↓	Grade		1995+40.00	HB45	1547.37	61.08	-0.987%	0.00	1547.97	0.00	-0.987%	0.00	1547.97	HB45	-0.0020	3.5202	0.0000	0.393	0.421	**Left**	HB45	12.00	0.00	4.50	0.13	4.63	18.000	**OK**	0.396	0.396	1.065	1.065		0.421
↓	Grade	**3**	1995+45.00	HB45	1547.35	61.09	-0.993%	0.00	1547.96	0.00	-0.993%	0.00	1547.96	HB45	-0.0020	3.5273	0.0000	0.421	0.449	**Left**	HB45	12.00	0.00	4.50	0.49	4.99	18.000	**OK**	0.412	0.413	1.091	1.088	3	0.449
↓	Grade		1995+50.00	HB45	1547.34	61.10	-1.000%	0.00	1547.95	0.00	-1.000%	0.00	1547.95	HB45	-0.0020	3.5343	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	2.37	0.00	2.37	18.000	**OK**	0.056	0.056	0.504	0.504		0.028
↓	Grade		1995+55.00	HB45	1547.32	61.11	-1.007%	0.00	1547.94	0.00	-1.007%	0.00	1547.94	HB45	-0.0020	3.5413	0.0000	0.028	0.056	**Left**	HB45	12.00	0.00	3.07	0.00	3.07	18.000	**OK**	0.094	0.094	0.599	0.599		0.056
↓	Grade		1995+60.00	HB45	1547.31	61.12	-1.013%	0.00	1547.93	0.00	-1.013%	0.00	1547.93	HB45	-0.0020	3.5483	0.0000	0.056	0.084	**Left**	HB45	12.00	0.00	3.57	0.00	3.57	18.000	**OK**	0.127	0.127	0.663	0.663		0.084
↓	Grade		1995+65.00	HB45	1547.30	61.13	-1.020%	0.00	1547.92	0.00	-1.020%	0.00	1547.92	HB45	-0.0020	3.5553	0.0000	0.084	0.113	**Left**	HB45	12.00	0.00	3.98	0.00	3.98	18.000	**OK**	0.158	0.158	0.712	0.712		0.113
↓	Grade	**3**	1995+70.00	HB45	1547.28	61.14	-1.027%	0.00	1547.91	0.00	-1.027%	0.00	1547.91	HB45	-0.0020	3.5623	0.0000	0.113	0.141	**Left**	HB45	12.00	0.00	4.32	0.00	4.32	18.000	**OK**	0.187	0.187	0.753	0.753	3	0.141
↓	Grade		1995+75.00	HB45	1547.27	61.15	-1.033%	0.00	1547.91	0.00	-1.033%	0.00	1547.91	HB45	-0.0010	3.5693	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	2.69	0.00	2.69	18.000	**OK**	0.072	0.072	0.388	0.388		0.028
↓	Grade		1995+80.00	HB45	1547.26	61.16	-1.040%	0.00	1547.90	0.00	-1.040%	0.00	1547.90	HB45	-0.0010	3.5764	0.0000	0.028	0.056	**Left**	HB45	12.00	0.00	3.49	0.00	3.49	18.000	**OK**	0.122	0.122	0.462	0.462		0.056
↓	Grade		1995+85.00	HB45	1547.25	61.17	-1.047%	0.00	1547.89	0.00	-1.047%	0.00	1547.89	HB45	-0.0020	3.5834	0.0000	0.056	0.084	**Left**	HB45	12.00	0.00	3.57	0.00	3.57	18.000	**OK**	0.127	0.127	0.663	0.663		0.084
↓	Grade		1995+90.00	HB45	1547.24	61.18	-1.053%	0.00	1547.89	0.00	-1.053%	0.00	1547.89	HB45	-0.0010	3.5904	0.0000	0.084	0.113	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.205	0.205	0.549	0.549		0.113
↓	Grade		1995+95.00	HB45	1547.23	61.19	-1.060%	0.00	1547.88	0.00	-1.060%	0.00	1547.88	HB45	-0.0010	3.5974	0.0000	0.113	0.141	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.241	0.241	0.585	0.585		0.141
↓	Grade		1996+00.00	HB45	1547.22	61.20	-1.067%	0.00	1547.87	0.00	-1.067%	0.00	1547.87	HB45	-0.0020	3.6045	0.0000	0.141	0.169	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.214	0.214	0.789	0.789		0.169
↓	Grade		1996+05.00	HB45	1547.20	61.21	-1.073%	0.00	1547.86	0.00	-1.073%	0.00	1547.86	HB45	-0.0020	3.6115	0.0000	0.169	0.197	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.239	0.239	0.824	0.824		0.197
↓	Grade		1996+10.00	HB45	1547.19	61.22	-1.080%	0.00	1547.86	0.00	-1.080%	0.00	1547.86	HB45	-0.0010	3.6185	0.0000	0.197	0.225	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.330	0.330	0.682	0.682		0.225
↓	Grade		1996+15.00	HB45	1547.18	61.23	-1.087%	0.00	1547.85	0.00	-1.087%	0.00	1547.85	HB45	-0.0010	3.6255	0.0000	0.225	0.253	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.357	0.357	0.711	0.711		0.253
↓	Grade		1996+20.00	HB45	1547.18	61.24	-1.093%	0.00	1547.85	0.00	-1.093%	0.00	1547.85	HB45	-0.0010	3.6326	0.0000	0.253	0.282	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	0.738	0.738		0.282
↓	Grade		1996+25.00	HB45	1547.17	61.25	-1.100%	0.00	1547.84	0.00	-1.100%	0.00	1547.84	HB45	-0.0010	3.6396	0.0000	0.282	0.310	**Left**	HB45	12.00	0.00	4.50	0.31	4.81	18.000	**OK**	0.405	0.406	0.764	0.763		0.310
↓	Grade		1996+30.00	HB45	1547.16	61.26	-1.107%	0.00	1547.84	0.00	-1.107%	0.00	1547.84	HB45	-0.0010	3.6466	0.0000	0.310	0.338	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.428	0.431	0.789	0.783		0.338
↓	Grade		1996+35.00	HB45	1547.15	61.27	-1.113%	0.00	1547.83	0.00	-1.113%	0.00	1547.83	HB45	-0.0010	3.6537	0.0000	0.338	0.366	**Left**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.450	0.458	0.812	0.800		0.366
↓	Grade		1996+40.00	HB45	1547.14	61.28	-1.120%	0.00	1547.83	0.00	-1.120%	0.00	1547.83	HB45	-0.0008	3.6607	0.0000	0.366	0.394	**Left**	HB45	12.00	0.00	4.50	2.23	6.73	18.000	**OK**	0.502	0.530	0.776	0.744		0.394
↓	Grade		1996+45.00	HB45	1547.13	61.29	-1.127%	0.00	1547.83	0.00	-1.127%	0.00	1547.83	HB45	-0.0002	3.6677	0.0000	0.394	0.423	**Left**	HB45	12.00	0.00	4.50	8.06	12.56	18.000	**OK**	0.799	1.165	0.450	0.363		0.423
↓	Grade		1996+50.00	HB45	1547.13	61.30	-1.133%	0.00	1547.82	0.00	-1.133%	0.00	1547.82	HB45	-0.0001	3.6748	0.0000	0.423	0.451	**Left**	HB45	12.00	0.00	4.50	8.49	12.99	18.000	**OK**	0.823	1.231	0.458	0.366		0.451
↓	Grade		1996+55.00	HB45	1547.12	61.31	-1.140%	0.00	1547.82	0.00	-1.140%	0.00	1547.82	HB45	-0.0001	3.6818	0.0000	0.451	0.479	**Left**	HB45	12.00	0.00	4.50	8.89	13.39	18.000	**OK**	0.846	1.297	0.467	0.369		0.479
↓	Grade		1996+60.00	HB45	1547.12	61.32	-1.147%	0.00	1547.82	0.00	-1.147%	0.00	1547.82	HB45	-0.0002	3.6888	0.0000	0.479	0.507	**Left**	HB45	12.00	0.00	4.50	9.27	13.77	18.000	**OK**	0.869	1.362	0.475	0.372		0.507
↓	Grade		1996+65.00	HB45	1547.11	61.33	-1.153%	0.00	1547.82	0.00	-1.153%	0.00	1547.82	HB45	-0.0001	3.6959	0.0000	0.507	0.535	**Left**	HB45	12.00	0.00	4.50	9.64	14.14	18.000	**OK**	0.890	1.426	0.482	0.376		0.535
↓	Grade		1996+70.00	HB45	1547.11	61.34	-1.160%	0.00	1547.82	0.00	-1.160%	0.00	1547.82	HB45	-0.0002	3.7029	0.0000	0.535	0.564	**Left**	HB45	12.00	0.00	4.50	9.98	14.48	18.000	**OK**	0.911	1.489	0.489	0.379		0.564
↓	Grade		1996+75.00	HB45	1547.11	61.35	-1.167%	0.00	1547.82	0.00	-1.167%	0.00	1547.82	HB45	-0.0001	3.7100	0.0000	0.564	0.592	**Left**	HB45	12.00	0.00	4.50	10.31	14.81	18.000	**OK**	0.931	1.551	0.497	0.382		0.592
↓	Sag	**3**	1996+80.00	HB45	1547.10	61.36	-1.173%	0.00	1547.82	0.00	-1.173%	0.00	1547.82	HB45	-0.0001	3.7875	0.0000	0.620	0.677	**Left**	HB45	12.00	0.00	4.50	11.31	15.81	18.000	**OK**	0.987	1.738	0.516	0.389	3	0.677
↑	Grade		1996+85.00	HB45	1547.10	61.37	-1.180%	0.00	1547.82	0.00	-1.180%	0.00	1547.82	HB45	0.0002	0.0634	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	3.57	0.00	3.57	18.000	**OK**	0.128	0.128	0.221	0.221		0.028
↑	Grade	**10**	1996+90.00	HB45	1547.09	61.38	-1.187%	0.00	1547.82	0.00	-1.187%	0.00	1547.82	HB45	0.0002	0.0564	0.0000	1.011	1.039	**Left**	HB45	12.00	0.00	4.50	13.12	17.62	18.000	**OK**	1.091	2.112	0.670	0.492	10	1.039
↑	Grade		1996+95.00	HB45	1547.09	61.39	-1.193%	0.00	1547.82	0.00	-1.193%	0.00	1547.82	HB45	0.0002	0.0493	0.0000	0.982	1.011	**Left**	HB45	12.00	0.00	4.50	12.83	17.33	18.000	**OK**	1.079	2.060	0.665	0.490		1.011
↑	Grade		1997+00.00	HB45	1547.09	61.40	-1.200%	0.00	1547.82	0.00	-1.200%	0.00	1547.82	HB45	0.0002	0.0423	0.0000	0.954	0.982	**Left**	HB45	12.00	0.00	4.50	12.53	17.03	18.000	**OK**	1.067	2.009	0.660	0.489		0.982
↑	Grade		1997+05.00	HB45	1547.08	61.41	-1.207%	0.00	1547.83	0.00	-1.207%	0.00	1547.83	HB45	0.0002	0.0353	0.0000	0.926	0.954	**Left**	HB45	12.00	0.00	4.50	12.23	16.73	18.000	**OK**	1.054	1.957	0.655	0.487		0.954
↑	Grade		1997+10.00	HB45	1547.08	61.42	-1.213%	0.00	1547.83	0.00	-1.213%	0.00	1547.83	HB45	0.0002	0.0282	0.0000	0.898	0.926	**Left**	HB45	12.00	0.00	4.50	11.93	16.43	18.000	**OK**	1.042	1.906	0.650	0.486		0.926
↑	Grade		1997+15.00	HB45	1547.08	61.43	-1.220%	0.00	1547.83	0.00	-1.220%	0.00	1547.83	HB45	0.0002	0.0212	0.0000	0.869	0.898	**Left**	HB45	12.00	0.00	4.50	11.63	16.13	18.000	**OK**	1.029	1.854	0.645	0.484		0.898
↑	Grade		1997+20.00	HB45	1547.08	61.44	-1.227%	0.00	1547.83	0.00	-1.227%	0.00	1547.83	HB45	0.0002	0.0141	0.0000	0.841	0.869	**Left**	HB45	12.00	0.00	4.50	11.33	15.83	18.000	**OK**	1.015	1.802	0.639	0.482		0.869
↑	Grade		1997+25.00	HB45	1547.07	61.45	-1.233%	0.00	1547.83	0.00	-1.233%	0.00	1547.83	HB45	0.0002	0.0071	0.0000	0.813	0.841	**Left**	HB45	12.00	0.00	4.50	11.02	15.52	18.000	**OK**	1.001	1.750	0.634	0.481		0.841
↑	Grade		1997+30.00	HB45	1547.07	61.46	-1.240%	0.00	1547.83	0.00	-1.240%	0.00	1547.83	HB45	0.0000	0.0071	0.0000	0.784	0.813	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.813
↑	Grade		1997+35.00	HB45	1547.06	61.47	-1.247%	0.00	1547.83	0.00	-1.247%	0.00	1547.83	HB45	0.0000	0.0141	0.0000	0.756	0.784	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.784
↑	Grade		1997+40.00	HB45	1547.07	61.48	-1.253%	0.00	1547.84	0.00	-1.253%	0.00	1547.84	HB45	0.0020	0.0071	0.0000	0.728	0.756	**Left**	HB45	12.00	0.00	4.50	3.03	7.53	18.000	**OK**	0.561	0.618	1.313	1.223		0.756
↑	Grade		1997+45.00	HB45	1547.07	61.49	-1.260%	0.00	1547.84	0.00	-1.260%	0.00	1547.84	HB45	0.0000	0.0141	0.0000	0.700	0.728	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.728
↑	Grade		1997+50.00	HB45	1547.07	61.50	-1.267%	0.00	1547.85	0.00	-1.267%	0.00	1547.85	HB45	0.0020	0.0071	0.0000	0.671	0.700	**Left**	HB45	12.00	0.00	4.50	2.58	7.08	18.000	**OK**	0.537	0.579	1.278	1.208		0.700
↑	Grade		1997+55.00	HB45	1547.07	61.51	-1.273%	0.00	1547.85	0.00	-1.273%	0.00	1547.85	HB45	0.0000	0.0141	0.0000	0.643	0.671	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.671
↑	Grade		1997+60.00	HB45	1547.07	61.52	-1.280%	0.00	1547.86	0.00	-1.280%	0.00	1547.86	HB45	0.0020	0.0071	0.0000	0.615	0.643	**Left**	HB45	12.00	0.00	4.50	2.11	6.61	18.000	**OK**	0.512	0.540	1.241	1.190		0.643
↑	Grade		1997+65.00	HB45	1547.07	61.53	-1.287%	0.00	1547.86	0.00	-1.287%	0.00	1547.86	HB45	0.0000	0.0141	0.0000	0.586	0.615	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.615
↑	Grade		1997+70.00	HB45	1547.07	61.54	-1.293%	0.00	1547.87	0.00	-1.293%	0.00	1547.87	HB45	0.0020	0.0071	0.0000	0.558	0.586	**Left**	HB45	12.00	0.00	4.50	1.63	6.13	18.000	**OK**	0.485	0.502	1.201	1.168		0.586
↑	Grade		1997+75.00	HB45	1547.07	61.55	-1.300%	0.00	1547.87	0.00	-1.300%	0.00	1547.87	HB45	0.0000	0.0283	0.0000	0.530	0.558	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.558
↑	Grade		1997+80.00	HB45	1547.08	61.56	-1.307%	0.00	1547.88	0.00	-1.307%	0.00	1547.88	HB45	0.0020	0.0212	0.0000	0.501	0.530	**Left**	HB45	12.00	0.00	4.50	1.13	5.63	18.000	**OK**	0.456	0.464	1.158	1.141		0.530
↑	Grade		1997+85.00	HB45	1547.08	61.57	-1.313%	0.00	1547.89	0.00	-1.313%	0.00	1547.89	HB45	0.0020	0.0141	0.0000	0.473	0.501	**Left**	HB45	12.00	0.00	4.50	0.86	5.36	18.000	**OK**	0.441	0.446	1.135	1.124		0.501
↑	Grade		1997+90.00	HB45	1547.09	61.58	-1.320%	0.00	1547.90	0.00	-1.320%	0.00	1547.90	HB45	0.0020	0.0071	0.0000	0.445	0.473	**Left**	HB45	12.00	0.00	4.50	0.60	5.10	18.000	**OK**	0.425	0.428	1.111	1.106		0.473
↑	Grade	**3**	1997+95.00	HB45	1547.08	61.59	-1.327%	0.00	1547.90	0.00	-1.327%	0.00	1547.90	HB45	0.0000	6.6622	0.0000	0.416	0.445	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!	3	0.445
↑	Grade		1998+00.00	HB45	1547.09	61.60	-1.333%	0.00	1547.91	0.00	-1.333%	0.00	1547.91	HB45	0.0020	6.6551	0.0000	0.388	0.416	**Left**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.393	0.393	1.061	1.061		0.416
↑	Grade		1998+05.00	HB45	1547.09	61.61	-1.340%	0.00	1547.92	0.00	-1.340%	0.00	1547.92	HB45	0.0020	6.6480	0.0000	0.360	0.388	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.375	0.375	1.034	1.034		0.388
↑	Grade		1998+10.00	HB45	1547.10	61.62	-1.347%	0.00	1547.93	0.00	-1.347%	0.00	1547.93	HB45	0.0020	6.6410	0.0000	0.331	0.360	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.357	0.357	1.006	1.006		0.360
↑	Grade		1998+15.00	HB45	1547.11	61.63	-1.353%	0.00	1547.94	0.00	-1.353%	0.00	1547.94	HB45	0.0020	6.6339	0.0000	0.303	0.331	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.339	0.339	0.977	0.977		0.331
↑	Grade		1998+20.00	HB45	1547.11	61.64	-1.360%	0.00	1547.95	0.00	-1.360%	0.00	1547.95	HB45	0.0020	6.6268	0.0000	0.275	0.303	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.320	0.320	0.947	0.947		0.303
↑	Grade		1998+25.00	HB45	1547.12	61.65	-1.367%	0.00	1547.96	0.00	-1.367%	0.00	1547.96	HB45	0.0020	6.6198	0.0000	0.246	0.275	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.300	0.300	0.916	0.916		0.275
↑	Grade		1998+30.00	HB45	1547.12	61.66	-1.373%	0.00	1547.97	0.00	-1.373%	0.00	1547.97	HB45	0.0020	6.6127	0.0000	0.218	0.246	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.279	0.279	0.884	0.884		0.246
↑	Grade		1998+35.00	HB45	1547.13	61.67	-1.380%	0.00	1547.98	0.00	-1.380%	0.00	1547.98	HB45	0.0020	6.6056	0.0000	0.189	0.218	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.256	0.256	0.850	0.850		0.218

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		1998+40.00	HB45	1547.13	61.68	-1.387%	0.00	1547.99	0.00	-1.387%	0.00	1547.99	HB45	0.0020	6.5985	0.0000	0.161	0.189	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.233	0.233	0.815	0.815		0.189
↑	Grade		1998+45.00	HB45	1547.14	61.69	-1.393%	0.00	1548.00	0.00	-1.393%	0.00	1548.00	HB45	0.0020	6.5914	0.0000	0.133	0.161	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.207	0.207	0.779	0.779		0.161
↑	Grade		1998+50.00	HB45	1547.15	61.70	-1.400%	0.00	1548.01	0.00	-1.400%	0.00	1548.01	HB45	0.0020	6.5844	0.0000	0.104	0.133	**Left**	HB45	12.00	0.00	4.23	0.00	4.23	18.000	**OK**	0.179	0.179	0.742	0.742		0.133
↑	Grade		1998+55.00	HB45	1547.16	61.71	-1.407%	0.00	1548.03	0.00	-1.407%	0.00	1548.03	HB45	0.0040	6.5773	0.0000	0.076	0.104	**Left**	HB45	12.00	0.00	3.39	0.00	3.39	18.000	**OK**	0.115	0.115	0.906	0.906		0.104
↑	Grade		1998+60.00	HB45	1547.17	61.72	-1.413%	0.00	1548.04	0.00	-1.413%	0.00	1548.04	HB45	0.0020	6.5702	0.0000	0.048	0.076	**Left**	HB45	12.00	0.00	3.43	0.00	3.43	18.000	**OK**	0.118	0.118	0.646	0.646		0.076
↑	Grade		1998+65.00	HB45	1547.17	61.73	-1.420%	0.00	1548.05	0.00	-1.420%	0.00	1548.05	HB45	0.0020	6.5631	0.0000	0.019	0.048	**Left**	HB45	12.00	0.00	2.88	0.00	2.88	18.000	**OK**	0.083	0.083	0.574	0.574		0.048
↑	Grade	**3**	1998+70.00	HB45	1547.18	61.74	-1.427%	0.00	1548.06	0.00	-1.427%	0.00	1548.06	HB45	0.0020	6.5560	0.0000	0.712	0.740	**Left**	HB45	12.00	0.00	4.50	2.57	7.07	18.000	**OK**	0.555	0.602	1.304	1.229	3	0.740
↑	Grade		1998+75.00	HB45	1547.19	61.75	-1.433%	0.00	1548.08	0.00	-1.433%	0.00	1548.08	HB45	0.0040	6.5489	0.0000	0.683	0.712	**Left**	HB45	12.00	0.00	4.50	0.81	5.31	18.000	**OK**	0.442	0.447	1.607	1.593		0.712
↑	Grade		1998+80.00	HB45	1547.20	61.76	-1.440%	0.00	1548.09	0.00	-1.440%	0.00	1548.09	HB45	0.0020	6.5419	0.0000	0.655	0.683	**Left**	HB45	12.00	0.00	4.50	2.17	6.67	18.000	**OK**	0.530	0.564	1.268	1.211		0.683
↑	Grade		1998+85.00	HB45	1547.22	61.77	-1.447%	0.00	1548.11	0.00	-1.447%	0.00	1548.11	HB45	0.0040	6.5348	0.0000	0.626	0.655	**Left**	HB45	12.00	0.00	4.50	0.46	4.96	18.000	**OK**	0.420	0.421	1.559	1.554		0.655
↑	Grade		1998+90.00	HB45	1547.22	61.78	-1.453%	0.00	1548.12	0.00	-1.453%	0.00	1548.12	HB45	0.0020	6.5277	0.0000	0.598	0.626	**Left**	HB45	12.00	0.00	4.50	1.75	6.25	18.000	**OK**	0.504	0.527	1.230	1.190		0.626
↑	Grade		1998+95.00	HB45	1547.24	61.79	-1.460%	0.00	1548.14	0.00	-1.460%	0.00	1548.14	HB45	0.0040	6.5206	0.0000	0.570	0.598	**Left**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.396	0.397	1.508	1.508		0.598
↑	Grade		1999+00.00	HB45	1547.24	61.80	-1.467%	0.00	1548.15	0.00	-1.467%	0.00	1548.15	HB45	0.0020	6.5135	0.0000	0.541	0.570	**Left**	HB45	12.00	0.00	4.50	1.31	5.81	18.000	**OK**	0.477	0.489	1.189	1.164		0.570
↑	Grade		1999+05.00	HB45	1547.26	61.81	-1.473%	0.00	1548.17	0.00	-1.473%	0.00	1548.17	HB45	0.0040	6.5064	0.0000	0.513	0.541	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.372	0.372	1.455	1.455		0.541
↑	Grade		1999+10.00	HB45	1547.27	61.82	-1.480%	0.00	1548.18	0.00	-1.480%	0.00	1548.18	HB45	0.0020	6.4993	0.0000	0.484	0.513	**Left**	HB45	12.00	0.00	4.50	0.86	5.36	18.000	**OK**	0.447	0.453	1.144	1.133		0.513
↑	Grade		1999+15.00	HB45	1547.28	61.83	-1.487%	0.00	1548.20	0.00	-1.487%	0.00	1548.20	HB45	0.0040	6.4922	0.0000	0.456	0.484	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.346	0.346	1.398	1.398		0.484
↑	Grade		1999+20.00	HB45	1547.30	61.84	-1.493%	0.00	1548.22	0.00	-1.493%	0.00	1548.22	HB45	0.0040	6.4851	0.0000	0.427	0.456	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.333	0.333	1.369	1.369		0.456
↑	Grade		1999+25.00	HB45	1547.31	61.85	-1.500%	0.00	1548.24	0.00	-1.500%	0.00	1548.24	HB45	0.0040	6.4780	0.0000	0.399	0.427	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.319	0.319	1.339	1.339		0.427
↑	Grade		1999+30.00	HB45	1547.32	61.86	-1.507%	0.00	1548.25	0.00	-1.507%	0.00	1548.25	HB45	0.0020	6.4709	0.0000	0.370	0.399	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	1.044	1.044		0.399
↑	Grade		1999+35.00	HB45	1547.33	61.87	-1.513%	0.00	1548.27	0.00	-1.513%	0.00	1548.27	HB45	0.0040	6.4638	0.0000	0.342	0.370	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.290	0.290	1.275	1.275		0.370
↑	Grade		1999+40.00	HB45	1547.35	61.88	-1.520%	0.00	1548.29	0.00	-1.520%	0.00	1548.29	HB45	0.0040	6.4567	0.0000	0.314	0.342	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.275	0.275	1.242	1.242		0.342
↑	Grade		1999+45.00	HB45	1547.37	61.89	-1.527%	0.00	1548.31	0.00	-1.527%	0.00	1548.31	HB45	0.0040	6.4496	0.0000	0.285	0.314	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	1.208	1.208		0.314
↑	Grade		1999+50.00	HB45	1547.38	61.90	-1.533%	0.00	1548.33	0.00	-1.533%	0.00	1548.33	HB45	0.0040	6.4425	0.0000	0.257	0.285	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.243	0.243	1.174	1.174		0.285
↑	Grade		1999+55.00	HB45	1547.40	61.91	-1.540%	0.00	1548.35	0.00	-1.540%	0.00	1548.35	HB45	0.0040	6.4354	0.0000	0.228	0.257	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.225	0.225	1.138	1.138		0.257
↑	Grade		1999+60.00	HB45	1547.41	61.92	-1.547%	0.00	1548.37	0.00	-1.547%	0.00	1548.37	HB45	0.0040	6.4283	0.0000	0.200	0.228	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.207	0.207	1.102	1.102		0.228
↑	Grade		1999+65.00	HB45	1547.43	61.93	-1.553%	0.00	1548.39	0.00	-1.553%	0.00	1548.39	HB45	0.0040	6.4212	0.0000	0.171	0.200	**Left**	HB45	12.00	0.00	4.33	0.00	4.33	18.000	**OK**	0.187	0.187	1.066	1.066		0.200
↑	Grade		1999+70.00	HB45	1547.44	61.94	-1.560%	0.00	1548.41	0.00	-1.560%	0.00	1548.41	HB45	0.0040	6.4141	0.0000	0.143	0.171	**Left**	HB45	12.00	0.00	4.08	0.00	4.08	18.000	**OK**	0.167	0.167	1.026	1.026		0.171
↑	Grade		1999+75.00	HB45	1547.46	61.95	-1.567%	0.00	1548.43	0.00	-1.567%	0.00	1548.43	HB45	0.0040	6.4070	0.0000	0.114	0.143	**Left**	HB45	12.00	0.00	3.81	0.00	3.81	18.000	**OK**	0.145	0.145	0.980	0.980		0.143
↑	Grade		1999+80.00	HB45	1547.48	61.96	-1.573%	0.00	1548.45	0.00	-1.573%	0.00	1548.45	HB45	0.0040	6.3999	0.0000	0.086	0.114	**Left**	HB45	12.00	0.00	3.51	0.00	3.51	18.000	**OK**	0.123	0.123	0.927	0.927		0.114
↑	Grade		1999+85.00	HB45	1547.49	61.97	-1.580%	0.00	1548.47	0.00	-1.580%	0.00	1548.47	HB45	0.0040	6.3928	0.0000	0.057	0.086	**Left**	HB45	12.00	0.00	3.15	0.00	3.15	18.000	**OK**	0.099	0.099	0.863	0.863		0.086
↑	Grade		1999+90.00	HB45	1547.52	61.98	-1.587%	0.00	1548.50	0.00	-1.587%	0.00	1548.50	HB45	0.0060	6.3856	0.0000	0.029	0.057	**Left**	HB45	12.00	0.00	2.51	0.00	2.51	18.000	**OK**	0.063	0.063	0.907	0.907		0.057
↑	Grade		1999+95.00	HB45	1547.53	61.99	-1.593%	0.00	1548.52	0.00	-1.593%	0.00	1548.52	HB45	0.0040	6.3785	0.0000	0.000	0.029	**Left**	HB45	12.00	0.00	2.09	0.00	2.09	18.000	**OK**	0.044	0.044	0.655	0.655		0.029
↑	Grade	**3**	2000+00.00	HB45	1547.55	62.00	-1.600%	0.00	1548.54	0.00	-1.600%	0.00	1548.54	HB45	0.004000	6.3714	0.0000	0.000	0.029	**Left**	HB45	12.00	0.00	2.09	0.00	2.09	18.000	**OK**	0.044	0.044	0.655	0.655	3	0.029
↑	Grade		2000+05.00	HB45	1547.56	61.98	-1.607%	0.00	1548.56	0.00	-1.607%	0.00	1548.56	HB45	0.004000	6.3643	0.0000	1.865	1.894	**Left**	HB45	12.00	0.00	4.50	5.14	9.64	18.000	**OK**	0.762	0.974	2.252	1.944		1.894
↑	Grade		2000+10.00	HB45	1547.59	61.96	-1.613%	0.00	1548.59	0.00	-1.613%	0.00	1548.59	HB45	0.0060	6.3572	0.0000	1.837	1.865	**Left**	HB45	12.00	0.00	4.50	4.02	8.52	18.000	**OK**	0.682	0.812	2.570	2.298		1.865
↑	Grade		2000+15.00	HB45	1547.61	61.94	-1.620%	0.00	1548.61	0.00	-1.620%	0.00	1548.61	HB45	0.0040	6.3501	0.0000	1.808	1.837	**Left**	HB45	12.00	0.00	4.50	4.94	9.44	18.000	**OK**	0.750	0.948	2.231	1.937		1.837
↑	Grade		2000+20.00	HB45	1547.63	61.92	-1.627%	0.00	1548.64	0.00	-1.627%	0.00	1548.64	HB45	0.0060	6.3430	0.0000	1.780	1.808	**Left**	HB45	12.00	0.00	4.50	3.84	8.34	18.000	**OK**	0.671	0.790	2.544	2.288		1.808
↑	Grade		2000+25.00	HB45	1547.65	61.90	-1.633%	0.00	1548.66	0.00	-1.633%	0.00	1548.66	HB45	0.0040	6.3359	0.0000	1.751	1.780	**Left**	HB45	12.00	0.00	4.50	4.75	9.25	18.000	**OK**	0.739	0.923	2.209	1.929		1.780
↑	Grade		2000+30.00	HB45	1547.66	61.88	-1.640%	0.00	1548.67	0.00	-1.640%	0.00	1548.67	HB45	0.0020	6.3287	0.0000	1.723	1.751	**Left**	HB45	12.00	0.00	4.50	6.50	11.00	18.000	**OK**	0.869	1.216	1.734	1.441		1.751
↑	Grade		2000+35.00	HB45	1547.67	61.86	-1.647%	0.00	1548.69	0.00	-1.647%	0.00	1548.69	HB45	0.0040	6.3216	0.0000	1.694	1.723	**Left**	HB45	12.00	0.00	4.50	4.55	9.05	18.000	**OK**	0.727	0.897	2.186	1.920		1.723
↑	Grade		2000+40.00	HB45	1547.69	61.84	-1.653%	0.00	1548.71	0.00	-1.653%	0.00	1548.71	HB45	0.0040	6.3145	0.0000	1.666	1.694	**Left**	HB45	12.00	0.00	4.50	4.45	8.95	18.000	**OK**	0.721	0.884	2.174	1.916		1.694
↑	Grade		2000+45.00	HB45	1547.71	61.82	-1.660%	0.00	1548.74	0.00	-1.660%	0.00	1548.74	HB45	0.0060	6.3074	0.0000	1.637	1.666	**Left**	HB45	12.00	0.00	4.50	3.38	7.88	18.000	**OK**	0.643	0.737	2.475	2.259		1.666
↑	Grade		2000+50.00	HB45	1547.73	61.80	-1.667%	0.00	1548.76	0.00	-1.667%	0.00	1548.76	HB45	0.0040	6.3003	0.0000	1.609	1.637	**Left**	HB45	12.00	0.00	4.50	4.25	8.75	18.000	**OK**	0.709	0.859	2.150	1.907		1.637
↑	Grade		2000+55.00	HB45	1547.76	61.78	-1.673%	0.00	1548.79	0.00	-1.673%	0.00	1548.79	HB45	0.0060	6.2932	0.0000	1.581	1.609	**Left**	HB45	12.00	0.00	4.50	3.20	7.70	18.000	**OK**	0.631	0.716	2.447	2.247		1.609
↑	Grade		2000+60.00	HB45	1547.77	61.76	-1.680%	0.00	1548.81	0.00	-1.680%	0.00	1548.81	HB45	0.0040	6.2862	0.0000	1.552	1.581	**Left**	HB45	12.00	0.00	4.50	4.04	8.54	18.000	**OK**	0.696	0.833	2.126	1.897		1.581
↑	Grade		2000+65.00	HB45	1547.80	61.74	-1.687%	0.00	1548.84	0.00	-1.687%	0.00	1548.84	HB45	0.0060	6.2791	0.0000	1.524	1.552	**Left**	HB45	12.00	0.00	4.50	3.01	7.51	18.000	**OK**	0.619	0.695	2.417	2.233		1.552
↑	Grade		2000+70.00	HB45	1547.81	61.72	-1.693%	0.00	1548.86	0.00	-1.693%	0.00	1548.86	HB45	0.0040	6.2720	0.0000	1.495	1.524	**Left**	HB45	12.00	0.00	4.50	3.84	8.34	18.000	**OK**	0.683	0.808	2.100	1.886		1.524
↑	Grade		2000+75.00	HB45	1547.84	61.70	-1.700%	0.00	1548.89	0.00	-1.700%	0.00	1548.89	HB45	0.0060	6.2649	0.0000	1.467	1.495	**Left**	HB45	12.00	0.00	4.50	2.83	7.33	18.000	**OK**	0.606	0.674	2.387	2.218		1.495
↑	Grade		2000+80.00	HB45	1547.86	61.68	-1.707%	0.00	1548.91	0.00	-1.707%	0.00	1548.91	HB45	0.0040	6.2578	0.0000	1.438	1.467	**Left**	HB45	12.00	0.00	4.50	3.64	8.14	18.000	**OK**	0.669	0.782	2.074	1.875		1.467
↑	Grade		2000+85.00	HB45	1547.88	61.66	-1.713%	0.00	1548.94	0.00	-1.713%	0.00	1548.94	HB45	0.0060	6.2507	0.0000	1.410	1.438	**Left**	HB45	12.00	0.00	4.50	2.64	7.14	18.000	**OK**	0.593	0.653	2.355	2.203		1.438
↑	Grade		2000+90.00	HB45	1547.90	61.64	-1.720%	0.00	1548.96	0.00	-1.720%	0.00	1548.96	HB45	0.0040	6.2436	0.0000	1.382	1.410	**Left**	HB45	12.00	0.00	4.50	3.43	7.93	18.000	**OK**	0.656	0.757	2.047	1.863		1.410
↑	Grade		2000+95.00	HB45	1547.93	61.62	-1.727%	0.00	1548.99	0.00	-1.727%	0.00	1548.99	HB45	0.0060	6.2366	0.0000	1.353	1.382	**Left**	HB45	12.00	0.00	4.50	2.45	6.95	18.000	**OK**	0.580	0.632	2.322	2.186		1.382
↑	Grade		2001+00.00	HB45	1547.94	61.60	-1.733%	0.00	1549.01	0.00	-1.733%	0.00	1549.01	HB45	0.0040	6.2295	0.0000	1.325	1.353	**Left**	HB45	12.00	0.00	4.50	3.22	7.72	18.000	**OK**	0.641	0.731	2.019	1.850		1.353
↑	Grade		2001+05.00	HB45	1547.97	61.58	-1.740%	0.00	1549.04	0.00	-1.740%	0.00	1549.04	HB45	0.0060	6.2224	0.0000	1.297	1.325	**Left**	HB45	12.00	0.00	4.50	2.26	6.76	18.000	**OK**	0.567	0.611	2.289	2.168		1.325
↑	Grade		2001+10.00	HB45	1547.98	61.56	-1.747%	0.00	1549.06	0.00	-1.747%	0.00	1549.06	HB45	0.0040	6.2154	0.0000	1.268	1.297	**Left**	HB45	12.00	0.00	4.50	3.01	7.51	18.000	**OK**	0.627	0.706	1.990	1.836		1.297
↑	Grade		2001+15.00	HB45	1548.01	61.54	-1.753%	0.00	1549.09	0.00	-1.753%	0.00	1549.09	HB45	0.0060	6.2083	0.0000	1.240	1.268	**Left**	HB45	12.00	0.00	4.50	2.06	6.56	18.000	**OK**	0.553	0.590	2.254	2.149		1.268
↑	Grade		2001+20.00	HB45	1548.03	61.52	-1.760%	0.00	1549.11	0.00	-1.760%	0.00	1549.11	HB45	0.0040	6.2012	0.0000	1.212	1.240	**Left**	HB45	12.00	0.00	4.50	2.80	7.30	18.000	**OK**	0.612	0.681	1.960	1.822		1.240
↑	Grade		2001+25.00	HB45	1548.05	61.50	-1.767%	0.00	1549.14	0.00	-1.767%	0.00	1549.14	HB45	0.0060	6.1942	0.0000	1.183	1.212	**Left**	HB45	12.00	0.00	4.50	1.87	6.37	18.000	**OK**	0.539	0.569	2.218	2.128		1.212
↑	Grade		2001+30.00	HB45	1548.07	61.48	-1.773%	0.00	1549.16	0.00	-1.773%	0.00	1549.16	HB45	0.0040	6.1871	0.0000	1.155	1.183	**Left**	HB45	12.00	0.00	4.50	2.58	7.08	18.000	**OK**	0.596	0.655	1.929	1.806		1.183
↑	Grade		2001+35.00	HB45	1548.10	61.46	-1.780%	0.00	1549.19	0.00	-1.780%	0.00	1549.19	HB45	0.0060	6.1800	0.0000	1.127	1.155	**Left**	HB45	12.00	0.00	4.50	1.67	6.17	18.000	**OK**	0.524	0.549	2.180	2.105		1.155
↑	Grade		2001+40.00	HB45	1548.11	61.44	-1.787%	0.00	1549.21	0.00	-1.787%	0.00	1549.21	HB45	0.0040	6.1730	0.0000	1.099	1.127	**Left**	HB45	12.00	0.00	4.50	2.36	6.86	18.000	**OK**	0.580	0.630	1.896	1.788		1.127
↑	Grade		2001+45.00	HB45	1548.14	61.42	-1.793%	0.00	1549.24	0.00	-1.793%	0.00	1549.24	HB45	0.0060	6.1659	0.0000	1.070	1.099	**Left**	HB45	12.00	0.00	4.50	1.47	5.97	18.000	**OK**	0.509	0.528	2.141	2.080		1.099
↑	Grade		2001+50.00	HB45	1548.15	61.40	-1.800%	0.00	1549.26	0.00	-1.800%	0.00	1549.26	HB45	0.0040	6.1589	0.0000	1.042	1.070	**Left**	HB45	12.00	0.00	4.50	2.14	6.64	18.000	**OK**	0.564	0.605	1.862	1.769		1.070
↑	Grade		2001+55.00	HB45	1548.18	61.38	-1.807%	0.00	1549.29	0.00	-1.807%	0.00	1549.29	HB45	0.0060	6.1518	0.0000	1.014	1.042	**Left**	HB45	12.00	0.00	4.50	1.27	5.77	18.000	**OK**	0.493	0.507	2.101	2.053		1.042
↑	Grade		2001+60.00	HB45	1548.20	61.36	-1.813%	0.00	1549.31	0.00	-1.813%	0.00	1549.31	HB45	0.0040	6.1448	0.0000	0.986	1.014	**Left**	HB45	12.00	0.00	4.50	1.92	6.42	18.000	**OK**	0.546	0.580	1.827	1.749		1.014
↑	Grade		2001+65.00	HB45	1548.22	61.34	-1.820%	0.00	1549.34	0.00	-1.820%	0.00	1549.34	HB45	0.0060	6.1377	0.0000	0.957	0.986	**Left**	HB45	12.00	0.00	4.50	1.06	5.56	18.000	**OK**	0.477	0.487	2.059	2.024		0.986
↑	Grade		2001+70.00	HB45	1548.24	61.32	-1.827%	0.00	1549.36	0.00	-1.827%	0.00	1549.36	HB45	0.0040	6.1307	0.0000	0.929	0.957	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.529	0.554	1.790	1.727		0.957
↑	Grade		2001+75.00	HB45	1548.27	61.30	-1.833%	0.00	1549.39	0.00	-1.833%	0.00	1549.39	HB45	0.0060	6.1237	0.0000	0.901	0.929	**Left**	HB45	12.00	0.00	4.50	0.85	5.35	18.000	**OK**	0.460	0.467	2.015	1.992		0.929
↑	Grade		2001+80.00	HB45	1548.28	61.28	-1.840%	0.00	1549.41	0.00	-1.840%	0.00	1549.41	HB45	0.0040	6.1166	0.0000	0.873	0.901	**Left**	HB45	12.00	0.00	4.50	1.45	5.95	18.000	**OK**	0.510	0.529	1.751	1.702		0.901
↑	Grade		2001+85.00	HB45	1548.31	61.26	-1.847%	0.00	1549.44	0.00	-1.847%	0.00	1549.44	HB45	0.0060	6.1096	0.0000	0.844	0.873	**Left**	HB45	12.00	0.00	4.50	0.63	5.13	18.000	**OK**	0.443	0.446	1.970	1.956		0.873
↑	Grade		2001+90.00	HB45	1548.33	61.24	-1.853%	0.00	1549.46	0.00	-1.853%	0.00	1549.46	HB45	0.0040	6.1026	0.0000	0.816	0.844	**Left**	HB45	12.00	0.00	4.50	1.21	5.71	18.000	**OK**	0.491	0.504	1.711	1.674		0.844
↑	Grade		2001+95.00	HB45	1548.35	61.22	-1.860%	0.00	1549.49	0.00	-1.860%	0.00	1549.49	HB45	0.0060	6.0955	0.0000	0.788	0.816	**Left**	HB45	12.00	0.00	4.50	0.41	4.91	18.000	**OK**	0.425	0.426	1.922	1.916		0.816
↑	Grade		2002+00.00	HB45	1548.37	61.20	-1.867%	0.00	1549.51	0.00	-1.867%	0.00	1549.51	HB45	0.0040	6.0885	0.0000	0.760	0.788	**Left**	HB45	12.00	0.00	4.50	0.96	5.46	18.000	**OK**	0.471	0.479	1.668	1.644		0.788
↑	Grade		2002+05.00	HB45	1548.39	61.18	-1.873%	0.00	1549.54	0.00	-1.873%	0.00	1549.54	HB45	0.0060	6.0815	0.0000	0.732	0.760	**Left**	HB45	12.00	0.00	4.50	0.19	4.69	18.000	**OK**	0.406	0.406	1.872	1.871		0.760

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2002+10.00	HB45	1548.41	61.16	-1.880%	0.00	1549.56	0.00	-1.880%	0.00	1549.56	HB45	0.0040	6.0744	0.0000	0.704	0.732	**Left**	HB45	12.00	0.00	4.50	0.71	5.21	18.000	**OK**	0.450	0.455	1.624	1.610		0.732
↑	Grade		2002+15.00	HB45	1548.44	61.14	-1.887%	0.00	1549.59	0.00	-1.887%	0.00	1549.59	HB45	0.0060	6.0674	0.0000	0.675	0.704	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	1.821	1.821		0.704
↑	Grade		2002+20.00	HB45	1548.45	61.12	-1.893%	0.00	1549.61	0.00	-1.893%	0.00	1549.61	HB45	0.0040	6.0604	0.0000	0.647	0.675	**Left**	HB45	12.00	0.00	4.50	0.45	4.95	18.000	**OK**	0.428	0.430	1.577	1.571		0.675
↑	Grade		2002+25.00	HB45	1548.48	61.10	-1.900%	0.00	1549.64	0.00	-1.900%	0.00	1549.64	HB45	0.0060	6.0534	0.0000	0.619	0.647	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.366	0.366	1.767	1.767		0.647
↑	Grade		2002+30.00	HB45	1548.50	61.08	-1.907%	0.00	1549.66	0.00	-1.907%	0.00	1549.66	HB45	0.0040	6.0464	0.0000	0.591	0.619	**Left**	HB45	12.00	0.00	4.50	0.18	4.68	18.000	**OK**	0.405	0.406	1.528	1.527		0.619
↑	Grade		2002+35.00	HB45	1548.52	61.06	-1.913%	0.00	1549.69	0.00	-1.913%	0.00	1549.69	HB45	0.0060	6.0394	0.0000	0.563	0.591	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.346	0.346	1.711	1.711		0.591
↑	Grade		2002+40.00	HB45	1548.54	61.04	-1.920%	0.00	1549.71	0.00	-1.920%	0.00	1549.71	HB45	0.0040	6.0324	0.0000	0.535	0.563	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	1.476	1.476		0.563
↑	Grade		2002+45.00	HB45	1548.56	61.02	-1.927%	0.00	1549.74	0.00	-1.927%	0.00	1549.74	HB45	0.0060	6.0253	0.0000	0.507	0.535	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.324	0.324	1.652	1.652		0.535
↑	Grade		2002+50.00	HB45	1548.58	61.00	-1.933%	0.00	1549.76	0.00	-1.933%	0.00	1549.76	HB45	0.0040	6.0183	0.0000	0.479	0.507	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.357	0.357	1.421	1.421		0.507
↑	Grade		2002+55.00	HB45	1548.61	60.98	-1.940%	0.00	1549.79	0.00	-1.940%	0.00	1549.79	HB45	0.0060	6.0113	0.0000	0.451	0.479	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.301	0.301	1.590	1.590		0.479
↑	Grade		2002+60.00	HB45	1548.62	60.96	-1.947%	0.00	1549.81	0.00	-1.947%	0.00	1549.81	HB45	0.0040	6.0043	0.0000	0.423	0.451	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.331	0.331	1.364	1.364		0.451
↑	Grade		2002+65.00	HB45	1548.65	60.94	-1.953%	0.00	1549.84	0.00	-1.953%	0.00	1549.84	HB45	0.0060	5.9973	0.0000	0.395	0.423	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.277	0.277	1.526	1.526		0.423
↑	Grade		2002+70.00	HB45	1548.67	60.92	-1.960%	0.00	1549.86	0.00	-1.960%	0.00	1549.86	HB45	0.0040	5.9903	0.0000	0.367	0.395	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.303	0.303	1.303	1.303		0.395
↑	Grade		2002+75.00	HB45	1548.69	60.90	-1.967%	0.00	1549.89	0.00	-1.967%	0.00	1549.89	HB45	0.0060	5.9834	0.0000	0.339	0.367	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.251	0.251	1.459	1.459		0.367
↑	Grade		2002+80.00	HB45	1548.71	60.88	-1.973%	0.00	1549.91	0.00	-1.973%	0.00	1549.91	HB45	0.0040	5.9764	0.0000	0.311	0.339	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.273	0.273	1.238	1.238		0.339
↑	Grade		2002+85.00	HB45	1548.73	60.86	-1.980%	0.00	1549.94	0.00	-1.980%	0.00	1549.94	HB45	0.0060	5.9694	0.0000	0.282	0.311	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.224	0.224	1.389	1.389		0.311
↑	Grade		2002+90.00	HB45	1548.75	60.84	-1.987%	0.00	1549.96	0.00	-1.987%	0.00	1549.96	HB45	0.0040	5.9624	0.0000	0.254	0.282	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.241	0.241	1.170	1.170		0.282
↑	Grade		2002+95.00	HB45	1548.78	60.82	-1.993%	0.00	1549.99	0.00	-1.993%	0.00	1549.99	HB45	0.0060	5.9554	0.0000	0.227	0.254	**Left**	HB45	12.00	0.00	4.39	0.00	4.39	18.000	**OK**	0.193	0.193	1.319	1.319		0.254
↑	Grade	**3**	2003+00.00	HB45	1548.79	60.80	-2.000%	0.00	1550.01	0.00	-2.000%	0.00	1550.01	HB45	0.0040	5.9484	0.0000	2.115	2.143	**Left**	HB45	12.00	0.00	4.50	4.77	9.27	18.000	**OK**	0.819	1.047	2.360	2.048	3	2.143
↑	Grade		2003+05.00	HB45	1548.82	60.78	-2.000%	0.00	1550.04	0.00	-2.000%	0.00	1550.04	HB45	0.0060	5.9414	0.0000	2.088	2.115	**Left**	HB45	12.00	0.00	4.50	3.81	8.31	18.000	**OK**	0.733	0.879	2.692	2.408		2.115
↑	Grade		2003+10.00	HB45	1548.84	60.76	-2.000%	0.00	1550.06	0.00	-2.000%	0.00	1550.06	HB45	0.0040	5.9345	0.0000	2.060	2.088	**Left**	HB45	12.00	0.00	4.50	4.65	9.15	18.000	**OK**	0.808	1.024	2.340	2.038		2.088
↑	Grade		2003+15.00	HB45	1548.88	60.74	-2.000%	0.00	1550.09	0.00	-2.000%	0.00	1550.09	HB45	0.0060	5.9275	0.0000	2.032	2.060	**Left**	HB45	12.00	0.00	4.50	3.70	8.20	18.000	**OK**	0.723	0.860	2.668	2.395		2.060
↑	Grade		2003+20.00	HB45	1548.90	60.72	-2.000%	0.00	1550.11	0.00	-2.000%	0.00	1550.11	HB45	0.0040	5.9205	0.0000	2.004	2.032	**Left**	HB45	12.00	0.00	4.50	4.52	9.02	18.000	**OK**	0.797	1.002	2.319	2.028		2.032
↑	Grade		2003+25.00	HB45	1548.93	60.70	-2.000%	0.00	1550.14	0.00	-2.000%	0.00	1550.14	HB45	0.0060	5.9135	0.0000	1.976	2.004	**Left**	HB45	12.00	0.00	4.50	3.58	8.08	18.000	**OK**	0.713	0.841	2.643	2.382		2.004
↑	Grade		2003+30.00	HB45	1548.95	60.68	-2.000%	0.00	1550.16	0.00	-2.000%	0.00	1550.16	HB45	0.0040	5.9066	0.0000	1.948	1.976	**Left**	HB45	12.00	0.00	4.50	4.40	8.90	18.000	**OK**	0.786	0.980	2.298	2.017		1.976
↑	Grade		2003+35.00	HB45	1548.98	60.66	-2.000%	0.00	1550.19	0.00	-2.000%	0.00	1550.19	HB45	0.0060	5.8996	0.0000	1.920	1.948	**Left**	HB45	12.00	0.00	4.50	3.47	7.97	18.000	**OK**	0.702	0.822	2.618	2.369		1.948
↑	Grade		2003+40.00	HB45	1549.00	60.64	-2.000%	0.00	1550.21	0.00	-2.000%	0.00	1550.21	HB45	0.0040	5.8926	0.0000	1.892	1.920	**Left**	HB45	12.00	0.00	4.50	4.27	8.77	18.000	**OK**	0.775	0.957	2.276	2.006		1.920
↑	Grade		2003+45.00	HB45	1549.03	60.62	-2.000%	0.00	1550.24	0.00	-2.000%	0.00	1550.24	HB45	0.0060	5.8857	0.0000	1.864	1.892	**Left**	HB45	12.00	0.00	4.50	3.35	7.85	18.000	**OK**	0.691	0.803	2.593	2.356		1.892
↑	Grade		2003+50.00	HB45	1549.05	60.60	-2.000%	0.00	1550.26	0.00	-2.000%	0.00	1550.26	HB45	0.0040	5.8787	0.0000	1.836	1.864	**Left**	HB45	12.00	0.00	4.50	4.14	8.64	18.000	**OK**	0.763	0.934	2.254	1.995		1.864
↑	Grade		2003+55.00	HB45	1549.08	60.58	-2.000%	0.00	1550.29	0.00	-2.000%	0.00	1550.29	HB45	0.0060	5.8718	0.0000	1.808	1.836	**Left**	HB45	12.00	0.00	4.50	3.22	7.72	18.000	**OK**	0.680	0.784	2.566	2.342		1.836
↑	Grade		2003+60.00	HB45	1549.10	60.56	-2.000%	0.00	1550.31	0.00	-2.000%	0.00	1550.31	HB45	0.0040	5.8648	0.0000	1.780	1.808	**Left**	HB45	12.00	0.00	4.50	4.01	8.51	18.000	**OK**	0.751	0.912	2.232	1.983		1.808
↑	Grade		2003+65.00	HB45	1549.13	60.54	-2.000%	0.00	1550.34	0.00	-2.000%	0.00	1550.34	HB45	0.0060	5.8579	0.0000	1.753	1.780	**Left**	HB45	12.00	0.00	4.50	3.10	7.60	18.000	**OK**	0.669	0.765	2.539	2.327		1.780
↑	Grade		2003+70.00	HB45	1549.15	60.52	-2.000%	0.00	1550.36	0.00	-2.000%	0.00	1550.36	HB45	0.0040	5.8509	0.0000	1.725	1.753	**Left**	HB45	12.00	0.00	4.50	3.88	8.38	18.000	**OK**	0.739	0.889	2.209	1.971		1.753
↑	Grade		2003+75.00	HB45	1549.18	60.50	-2.000%	0.00	1550.39	0.00	-2.000%	0.00	1550.39	HB45	0.0060	5.8440	0.0000	1.697	1.725	**Left**	HB45	12.00	0.00	4.50	2.97	7.47	18.000	**OK**	0.658	0.746	2.512	2.312		1.725
↑	Grade		2003+80.00	HB45	1549.20	60.48	-2.000%	0.00	1550.41	0.00	-2.000%	0.00	1550.41	HB45	0.0040	5.8370	0.0000	1.669	1.697	**Left**	HB45	12.00	0.00	4.50	3.74	8.24	18.000	**OK**	0.726	0.866	2.185	1.959		1.697
↑	Grade		2003+85.00	HB45	1549.23	60.46	-2.000%	0.00	1550.44	0.00	-2.000%	0.00	1550.44	HB45	0.0060	5.8301	0.0000	1.641	1.669	**Left**	HB45	12.00	0.00	4.50	2.84	7.34	18.000	**OK**	0.646	0.727	2.484	2.297		1.669
↑	Grade		2003+90.00	HB45	1549.25	60.44	-2.000%	0.00	1550.46	0.00	-2.000%	0.00	1550.46	HB45	0.0040	5.8231	0.0000	1.613	1.641	**Left**	HB45	12.00	0.00	4.50	3.60	8.10	18.000	**OK**	0.714	0.843	2.161	1.946		1.641
↑	Grade		2003+95.00	HB45	1549.28	60.42	-2.000%	0.00	1550.49	0.00	-2.000%	0.00	1550.49	HB45	0.0060	5.8162	0.0000	1.586	1.613	**Left**	HB45	12.00	0.00	4.50	2.71	7.21	18.000	**OK**	0.634	0.707	2.455	2.280		1.613
↑	Grade		2004+00.00	HB45	1549.30	60.40	-2.000%	0.00	1550.51	0.00	-2.000%	0.00	1550.51	HB45	0.0040	5.8093	0.0000	1.558	1.586	**Left**	HB45	12.00	0.00	4.50	3.45	7.95	18.000	**OK**	0.701	0.820	2.136	1.933		1.586
↑	Grade		2004+05.00	HB45	1549.33	60.38	-2.000%	0.00	1550.54	0.00	-2.000%	0.00	1550.54	HB45	0.0060	5.8023	0.0000	1.530	1.558	**Left**	HB45	12.00	0.00	4.50	2.58	7.08	18.000	**OK**	0.622	0.688	2.425	2.264		1.558
↑	Grade		2004+10.00	HB45	1549.35	60.36	-2.000%	0.00	1550.56	0.00	-2.000%	0.00	1550.56	HB45	0.0040	5.7954	0.0000	1.502	1.530	**Left**	HB45	12.00	0.00	4.50	3.31	7.81	18.000	**OK**	0.688	0.797	2.110	1.920		1.530
↑	Grade		2004+15.00	HB45	1549.38	60.34	-2.000%	0.00	1550.59	0.00	-2.000%	0.00	1550.59	HB45	0.0060	5.7885	0.0000	1.474	1.502	**Left**	HB45	12.00	0.00	4.50	2.44	6.94	18.000	**OK**	0.609	0.669	2.394	2.246		1.502
↑	Grade		2004+20.00	HB45	1549.40	60.32	-2.000%	0.00	1550.61	0.00	-2.000%	0.00	1550.61	HB45	0.0040	5.7815	0.0000	1.447	1.474	**Left**	HB45	12.00	0.00	4.50	3.16	7.66	18.000	**OK**	0.674	0.774	2.083	1.906		1.474
↑	Grade		2004+25.00	HB45	1549.43	60.30	-2.000%	0.00	1550.64	0.00	-2.000%	0.00	1550.64	HB45	0.0060	5.7746	0.0000	1.419	1.447	**Left**	HB45	12.00	0.00	4.50	2.30	6.80	18.000	**OK**	0.597	0.649	2.363	2.228		1.447
↑	Grade		2004+30.00	HB45	1549.45	60.28	-2.000%	0.00	1550.66	0.00	-2.000%	0.00	1550.66	HB45	0.0040	5.7677	0.0000	1.391	1.419	**Left**	HB45	12.00	0.00	4.50	3.00	7.50	18.000	**OK**	0.660	0.750	2.056	1.891		1.419
↑	Grade		2004+35.00	HB45	1549.48	60.26	-2.000%	0.00	1550.69	0.00	-2.000%	0.00	1550.69	HB45	0.0060	5.7608	0.0000	1.363	1.391	**Left**	HB45	12.00	0.00	4.50	2.15	6.65	18.000	**OK**	0.584	0.630	2.331	2.208		1.391
↑	Grade		2004+40.00	HB45	1549.51	60.24	-2.000%	0.00	1550.71	0.00	-2.000%	0.00	1550.71	HB45	0.0040	5.7538	0.0000	1.336	1.363	**Left**	HB45	12.00	0.00	4.50	2.85	7.35	18.000	**OK**	0.646	0.727	2.028	1.875		1.363
↑	Grade		2004+45.00	HB45	1549.54	60.22	-2.000%	0.00	1550.74	0.00	-2.000%	0.00	1550.74	HB45	0.0060	5.7469	0.0000	1.308	1.336	**Left**	HB45	12.00	0.00	4.50	2.00	6.50	18.000	**OK**	0.570	0.610	2.297	2.188		1.336
↑	Grade		2004+50.00	HB45	1549.56	60.20	-2.000%	0.00	1550.76	0.00	-2.000%	0.00	1550.76	HB45	0.0040	5.7400	0.0000	1.280	1.308	**Left**	HB45	12.00	0.00	4.50	2.68	7.18	18.000	**OK**	0.632	0.704	1.999	1.859		1.308
↑	Grade		2004+55.00	HB45	1549.59	60.18	-2.000%	0.00	1550.79	0.00	-2.000%	0.00	1550.79	HB45	0.0060	5.7331	0.0000	1.253	1.280	**Left**	HB45	12.00	0.00	4.50	1.85	6.35	18.000	**OK**	0.557	0.591	2.263	2.167		1.280
↑	Grade		2004+60.00	HB45	1549.61	60.16	-2.000%	0.00	1550.81	0.00	-2.000%	0.00	1550.81	HB45	0.0040	5.7262	0.0000	1.225	1.253	**Left**	HB45	12.00	0.00	4.50	2.52	7.02	18.000	**OK**	0.617	0.680	1.969	1.842		1.253
↑	Grade		2004+65.00	HB45	1549.64	60.14	-2.000%	0.00	1550.84	0.00	-2.000%	0.00	1550.84	HB45	0.0060	5.7193	0.0000	1.197	1.225	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.543	0.571	2.228	2.144		1.225
↑	Grade		2004+70.00	HB45	1549.66	60.12	-2.000%	0.00	1550.86	0.00	-2.000%	0.00	1550.86	HB45	0.0040	5.7124	0.0000	1.170	1.197	**Left**	HB45	12.00	0.00	4.50	2.35	6.85	18.000	**OK**	0.601	0.656	1.939	1.824		1.197
↑	Grade		2004+75.00	HB45	1549.69	60.10	-2.000%	0.00	1550.89	0.00	-2.000%	0.00	1550.89	HB45	0.0060	5.7055	0.0000	1.142	1.170	**Left**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.528	0.552	2.191	2.120		1.170
↑	Grade		2004+80.00	HB45	1549.71	60.08	-2.000%	0.00	1550.91	0.00	-2.000%	0.00	1550.91	HB45	0.0040	5.6986	0.0000	1.114	1.142	**Left**	HB45	12.00	0.00	4.50	2.17	6.67	18.000	**OK**	0.585	0.633	1.907	1.805		1.142
↑	Grade		2004+85.00	HB45	1549.74	60.06	-2.000%	0.00	1550.94	0.00	-2.000%	0.00	1550.94	HB45	0.0060	5.6917	0.0000	1.087	1.114	**Left**	HB45	12.00	0.00	4.50	1.37	5.87	18.000	**OK**	0.513	0.532	2.153	2.095		1.114
↑	Grade		2004+90.00	HB45	1549.76	60.04	-2.000%	0.00	1550.96	0.00	-2.000%	0.00	1550.96	HB45	0.0040	5.6848	0.0000	1.059	1.087	**Left**	HB45	12.00	0.00	4.50	1.99	6.49	18.000	**OK**	0.569	0.609	1.873	1.785		1.087
↑	Grade		2004+95.00	HB45	1549.79	60.02	-2.000%	0.00	1550.99	0.00	-2.000%	0.00	1550.99	HB45	0.0060	5.6779	0.0000	1.031	1.059	**Left**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.498	0.512	2.114	2.067		1.059
↑	Grade		2005+00.00	HB45	1549.81	60.00	-2.000%	0.00	1551.01	0.00	-2.000%	0.00	1551.01	HB45	0.0040	5.6710	0.0000	1.004	1.031	**Left**	HB45	12.00	0.00	4.50	1.80	6.30	18.000	**OK**	0.552	0.585	1.839	1.764		1.031
↑	Grade		2005+05.00	HB45	1549.84	60.00	-2.000%	0.00	1551.04	0.00	-2.000%	0.00	1551.04	HB45	0.0060	5.6641	0.0000	0.976	1.004	**Left**	HB45	12.00	0.00	4.50	1.02	5.52	18.000	**OK**	0.482	0.493	2.073	2.038		1.004
↑	Grade		2005+10.00	HB45	1549.86	60.01	-2.000%	0.00	1551.06	0.00	-2.000%	0.00	1551.06	HB45	0.0040	5.6572	0.0000	0.949	0.976	**Left**	HB45	12.00	0.00	4.50	1.61	6.11	18.000	**OK**	0.535	0.561	1.803	1.740		0.976
↑	Grade		2005+15.00	HB45	1549.89	60.01	-2.000%	0.00	1551.09	0.00	-2.000%	0.00	1551.09	HB45	0.0060	5.6503	0.0000	0.921	0.949	**Left**	HB45	12.00	0.00	4.50	0.84	5.34	18.000	**OK**	0.466	0.473	2.031	2.006		0.949
↑	Grade		2005+20.00	HB45	1549.91	60.01	-2.000%	0.00	1551.11	0.00	-2.000%	0.00	1551.11	HB45	0.0040	5.6435	0.0000	0.893	0.921	**Left**	HB45	12.00	0.00	4.50	1.41	5.91	18.000	**OK**	0.517	0.537	1.766	1.716		0.921
↑	Grade		2005+25.00	HB45	1549.94	60.01	-2.000%	0.00	1551.14	0.00	-2.000%	0.00	1551.14	HB45	0.0060	5.6366	0.0000	0.866	0.893	**Left**	HB45	12.00	0.00	4.50	0.66	5.16	18.000	**OK**	0.449	0.453	1.987	1.971		0.893
↑	Grade		2005+30.00	HB45	1549.96	60.02	-2.000%	0.00	1551.16	0.00	-2.000%	0.00	1551.16	HB45	0.0040	5.6297	0.0000	0.838	0.866	**Left**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.498	0.513	1.727	1.688		0.866
↑	Grade		2005+35.00	HB45	1549.99	60.02	-2.000%	0.00	1551.19	0.00	-2.000%	0.00	1551.19	HB45	0.0060	5.6228	0.0000	0.810	0.838	**Left**	HB45	12.00	0.00	4.50	0.46	4.96	18.000	**OK**	0.432	0.434	1.941	1.932		0.838
↑	Grade		2005+40.00	HB45	1550.01	60.02	-2.000%	0.00	1551.21	0.00	-2.000%	0.00	1551.21	HB45	0.0040	5.6159	0.0000	0.783	0.810	**Left**	HB45	12.00	0.00	4.50	0.99	5.49	18.000	**OK**	0.479	0.489	1.686	1.659		0.810
↑	Grade		2005+45.00	HB45	1550.04	60.02	-2.000%	0.00	1551.24	0.00	-2.000%	0.00	1551.24	HB45	0.0060	5.6090	0.0000	0.755	0.783	**Left**	HB45	12.00	0.00	4.50	0.26	4.76	18.000	**OK**	0.414	0.414	1.893	1.890		0.783
↑	Grade		2005+50.00	HB45	1550.06	60.03	-2.000%	0.00	1551.26	0.00	-2.000%	0.00	1551.26	HB45	0.0040	5.6021	0.0000	0.728	0.755	**Left**	HB45	12.00	0.00	4.50	0.76	5.26	18.000	**OK**	0.459	0.465	1.643	1.626		0.755
↑	Grade		2005+55.00	HB45	1550.09	60.03	-2.000%	0.00	1551.29	0.00	-2.000%	0.00	1551.29	HB45	0.0060	5.5952	0.0000	0.700	0.728	**Left**	HB45	12.00	0.00	4.50	0.05	4.55	18.000	**OK**	0.395	0.395	1.843	1.843		0.728
↑	Grade		2005+60.00	HB45	1550.11	60.03	-2.000%	0.00	1551.31	0.00	-2.000%	0.00	1551.31	HB45	0.0040	5.5883	0.0000	0.672	0.700	**Left**	HB45	12.00	0.00	4.50	0.53	5.03	18.000	**OK**	0.438	0.441	1.598	1.589		0.700
↑	Grade		2005+65.00	HB45	1550.14	60.03	-2.000%	0.00	1551.34	0.00	-2.000%	0.00	1551.34	HB45	0.0060	5.5815	0.0000	0.645	0.672	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.375	0.375	1.791	1.791		0.672
↑	Grade		2005+70.00	HB45	1550.16	60.04	-2.000%	0.00	1551.36	0.00	-2.000%	0.00	1551.36	HB45	0.0040	5.5746	0.0000	0.617	0.645	**Left**	HB45	12.00	0.00	4.50	0.29	4.79	18.000	**OK**	0.416	0.417	1.550	1.548		0.645
↑	Grade		2005+75.00	HB45	1550.19	60.04	-2.000%	0.00	1551.39	0.00	-2.000%	0.00	1551.39	HB45	0.0060	5.5677	0.0000	0.589	0.617	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.355	0.355	1.737	1.737		0.617

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2005+80.00	HB45	1550.21	60.04	-2.000%	0.00	1551.41	0.00	-2.000%	0.00	1551.41	HB45	0.0040	5.5608	0.0000	0.562	0.589	**Left**	HB45	12.00	0.00	4.50	0.03	4.53	18.000	**OK**	0.393	0.393	1.500	1.500		0.589
↑	Grade		2005+85.00	HB45	1550.24	60.04	-2.000%	0.00	1551.44	0.00	-2.000%	0.00	1551.44	HB45	0.0060	5.5539	0.0000	0.534	0.562	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.334	0.334	1.680	1.680		0.562
↑	Grade		2005+90.00	HB45	1550.26	60.05	-2.000%	0.00	1551.46	0.00	-2.000%	0.00	1551.46	HB45	0.0040	5.5470	0.0000	0.507	0.534	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.369	0.369	1.448	1.448		0.534
↑	Grade		2005+95.00	HB45	1550.29	60.05	-2.000%	0.00	1551.49	0.00	-2.000%	0.00	1551.49	HB45	0.0060	5.5401	0.0000	0.479	0.507	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.312	0.312	1.621	1.621		0.507
↑	Grade		2006+00.00	HB45	1550.31	60.05	-2.000%	0.00	1551.51	0.00	-2.000%	0.00	1551.51	HB45	0.0040	5.5332	0.0000	0.451	0.479	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.344	0.344	1.393	1.393		0.479
↑	Grade		2006+05.00	HB45	1550.34	60.05	-2.000%	0.00	1551.54	0.00	-2.000%	0.00	1551.54	HB45	0.0060	5.5263	0.0000	0.424	0.451	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.289	0.289	1.559	1.559		0.451
↑	Grade		2006+10.00	HB45	1550.36	60.06	-2.000%	0.00	1551.56	0.00	-2.000%	0.00	1551.56	HB45	0.0040	5.5194	0.0000	0.396	0.424	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.317	0.317	1.335	1.335		0.424
↑	Grade		2006+15.00	HB45	1550.39	60.06	-2.000%	0.00	1551.59	0.00	-2.000%	0.00	1551.59	HB45	0.0060	5.5125	0.0000	0.368	0.396	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.265	0.265	1.495	1.495		0.396
↑	Grade		2006+20.00	HB45	1550.41	60.06	-2.000%	0.00	1551.61	0.00	-2.000%	0.00	1551.61	HB45	0.0040	5.5056	0.0000	0.341	0.368	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.289	0.289	1.273	1.273		0.368
↑	Grade		2006+25.00	HB45	1550.44	60.06	-2.000%	0.00	1551.64	0.00	-2.000%	0.00	1551.64	HB45	0.0060	5.4987	0.0000	0.313	0.341	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.239	0.239	1.427	1.427		0.341
↑	Grade		2006+30.00	HB45	1550.46	60.07	-2.000%	0.00	1551.66	0.00	-2.000%	0.00	1551.66	HB45	0.0040	5.4919	0.0000	0.285	0.313	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	1.208	1.208		0.313
↑	Grade		2006+35.00	HB45	1550.49	60.07	-2.000%	0.00	1551.69	0.00	-2.000%	0.00	1551.69	HB45	0.0060	5.4850	0.0000	0.258	0.285	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.210	0.210	1.358	1.358		0.285
↑	Grade		2006+40.00	HB45	1550.51	60.07	-2.000%	0.00	1551.71	0.00	-2.000%	0.00	1551.71	HB45	0.0040	5.4781	0.0000	0.230	0.258	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.226	0.226	1.140	1.140		0.258
↑	Grade		2006+45.00	HB45	1550.54	60.07	-2.000%	0.00	1551.74	0.00	-2.000%	0.00	1551.74	HB45	0.0060	5.4712	0.0000	0.203	0.230	**Left**	HB45	12.00	0.00	4.23	0.00	4.23	18.000	**OK**	0.179	0.179	1.286	1.286		0.230
↑	Grade	**3**	2006+50.00	HB45	1550.56	60.08	-2.000%	0.00	1551.76	0.00	-2.000%	0.00	1551.76	HB45	0.0040	5.4643	0.0000	2.024	2.052	**Left**	HB45	12.00	0.00	4.50	4.57	9.07	18.000	**OK**	0.801	1.010	2.327	2.031	3	2.052
↑	Grade		2006+55.00	HB45	1550.59	60.08	-2.000%	0.00	1551.79	0.00	-2.000%	0.00	1551.79	HB45	0.0060	5.4574	0.0000	1.996	2.024	**Left**	HB45	12.00	0.00	4.50	3.63	8.13	18.000	**OK**	0.716	0.848	2.652	2.387		2.024
↑	Grade		2006+60.00	HB45	1550.61	60.08	-2.000%	0.00	1551.81	0.00	-2.000%	0.00	1551.81	HB45	0.0040	5.4505	0.0000	1.969	1.996	**Left**	HB45	12.00	0.00	4.50	4.45	8.95	18.000	**OK**	0.790	0.988	2.306	2.021		1.996
↑	Grade		2006+65.00	HB45	1550.64	60.08	-2.000%	0.00	1551.84	0.00	-2.000%	0.00	1551.84	HB45	0.0060	5.4436	0.0000	1.941	1.969	**Left**	HB45	12.00	0.00	4.50	3.51	8.01	18.000	**OK**	0.706	0.829	2.628	2.374		1.969
↑	Grade		2006+70.00	HB45	1550.66	60.09	-2.000%	0.00	1551.86	0.00	-2.000%	0.00	1551.86	HB45	0.0040	5.4367	0.0000	1.914	1.941	**Left**	HB45	12.00	0.00	4.50	4.32	8.82	18.000	**OK**	0.779	0.966	2.285	2.010		1.941
↑	Grade		2006+75.00	HB45	1550.69	60.09	-2.000%	0.00	1551.89	0.00	-2.000%	0.00	1551.89	HB45	0.0060	5.4298	0.0000	1.886	1.914	**Left**	HB45	12.00	0.00	4.50	3.39	7.89	18.000	**OK**	0.695	0.810	2.603	2.361		1.914
↑	Grade		2006+80.00	HB45	1550.71	60.09	-2.000%	0.00	1551.91	0.00	-2.000%	0.00	1551.91	HB45	0.0040	5.4229	0.0000	1.858	1.886	**Left**	HB45	12.00	0.00	4.50	4.19	8.69	18.000	**OK**	0.767	0.943	2.263	1.999		1.886
↑	Grade		2006+85.00	HB45	1550.74	60.09	-2.000%	0.00	1551.94	0.00	-2.000%	0.00	1551.94	HB45	0.0060	5.4160	0.0000	1.831	1.858	**Left**	HB45	12.00	0.00	4.50	3.27	7.77	18.000	**OK**	0.685	0.792	2.577	2.347		1.858
↑	Grade		2006+90.00	HB45	1550.76	60.10	-2.000%	0.00	1551.96	0.00	-2.000%	0.00	1551.96	HB45	0.0040	5.4091	0.0000	1.803	1.831	**Left**	HB45	12.00	0.00	4.50	4.06	8.56	18.000	**OK**	0.756	0.921	2.241	1.988		1.831
↑	Grade		2006+95.00	HB45	1550.79	60.10	-2.000%	0.00	1551.99	0.00	-2.000%	0.00	1551.99	HB45	0.0060	5.4022	0.0000	1.775	1.803	**Left**	HB45	12.00	0.00	4.50	3.15	7.65	18.000	**OK**	0.674	0.773	2.550	2.333		1.803
↑	Grade		2007+00.00	HB45	1550.81	60.10	-2.000%	0.00	1552.01	0.00	-2.000%	0.00	1552.01	HB45	0.0040	5.3953	0.0000	1.748	1.775	**Left**	HB45	12.00	0.00	4.50	3.93	8.43	18.000	**OK**	0.744	0.898	2.218	1.976		1.775
↑	Grade		2007+05.00	HB45	1550.84	60.10	-2.000%	0.00	1552.04	0.00	-2.000%	0.00	1552.04	HB45	0.0060	5.3884	0.0000	1.720	1.748	**Left**	HB45	12.00	0.00	4.50	3.03	7.53	18.000	**OK**	0.662	0.754	2.523	2.318		1.748
↑	Grade		2007+10.00	HB45	1550.86	60.11	-2.000%	0.00	1552.06	0.00	-2.000%	0.00	1552.06	HB45	0.0040	5.3815	0.0000	1.692	1.720	**Left**	HB45	12.00	0.00	4.50	3.80	8.30	18.000	**OK**	0.732	0.876	2.195	1.964		1.720
↑	Grade		2007+15.00	HB45	1550.89	60.11	-2.000%	0.00	1552.09	0.00	-2.000%	0.00	1552.09	HB45	0.0060	5.3746	0.0000	1.665	1.692	**Left**	HB45	12.00	0.00	4.50	2.90	7.40	18.000	**OK**	0.651	0.735	2.496	2.303		1.692
↑	Grade		2007+20.00	HB45	1550.91	60.11	-2.000%	0.00	1552.11	0.00	-2.000%	0.00	1552.11	HB45	0.0040	5.3677	0.0000	1.637	1.665	**Left**	HB45	12.00	0.00	4.50	3.66	8.16	18.000	**OK**	0.719	0.853	2.171	1.952		1.665
↑	Grade		2007+25.00	HB45	1550.94	60.11	-2.000%	0.00	1552.14	0.00	-2.000%	0.00	1552.14	HB45	0.0060	5.3608	0.0000	1.609	1.637	**Left**	HB45	12.00	0.00	4.50	2.77	7.27	18.000	**OK**	0.639	0.716	2.467	2.287		1.637
↑	Grade		2007+30.00	HB45	1550.96	60.12	-2.000%	0.00	1552.16	0.00	-2.000%	0.00	1552.16	HB45	0.0040	5.3539	0.0000	1.582	1.609	**Left**	HB45	12.00	0.00	4.50	3.52	8.02	18.000	**OK**	0.706	0.830	2.146	1.939		1.609
↑	Grade		2007+35.00	HB45	1550.99	60.12	-2.000%	0.00	1552.19	0.00	-2.000%	0.00	1552.19	HB45	0.0060	5.3470	0.0000	1.554	1.582	**Left**	HB45	12.00	0.00	4.50	2.63	7.13	18.000	**OK**	0.627	0.696	2.438	2.271		1.582
↑	Grade		2007+40.00	HB45	1551.01	60.12	-2.000%	0.00	1552.21	0.00	-2.000%	0.00	1552.21	HB45	0.0040	5.3401	0.0000	1.526	1.554	**Left**	HB45	12.00	0.00	4.50	3.37	7.87	18.000	**OK**	0.693	0.807	2.121	1.926		1.554
↑	Grade		2007+45.00	HB45	1551.04	60.12	-2.000%	0.00	1552.24	0.00	-2.000%	0.00	1552.24	HB45	0.0060	5.3332	0.0000	1.499	1.526	**Left**	HB45	12.00	0.00	4.50	2.50	7.00	18.000	**OK**	0.615	0.677	2.408	2.254		1.526
↑	Grade		2007+50.00	HB45	1551.06	60.13	-2.000%	0.00	1552.26	0.00	-2.000%	0.00	1552.26	HB45	0.0040	5.3263	0.0000	1.471	1.499	**Left**	HB45	12.00	0.00	4.50	3.22	7.72	18.000	**OK**	0.680	0.784	2.095	1.912		1.499
↑	Grade		2007+55.00	HB45	1551.09	60.13	-2.000%	0.00	1552.29	0.00	-2.000%	0.00	1552.29	HB45	0.0060	5.3194	0.0000	1.443	1.471	**Left**	HB45	12.00	0.00	4.50	2.36	6.86	18.000	**OK**	0.602	0.658	2.377	2.236		1.471
↑	Grade		2007+60.00	HB45	1551.11	60.13	-2.000%	0.00	1552.31	0.00	-2.000%	0.00	1552.31	HB45	0.0040	5.3125	0.0000	1.416	1.443	**Left**	HB45	12.00	0.00	4.50	3.07	7.57	18.000	**OK**	0.666	0.761	2.068	1.897		1.443
↑	Grade		2007+65.00	HB45	1551.14	60.13	-2.000%	0.00	1552.34	0.00	-2.000%	0.00	1552.34	HB45	0.0060	5.3056	0.0000	1.388	1.416	**Left**	HB45	12.00	0.00	4.50	2.22	6.72	18.000	**OK**	0.589	0.639	2.345	2.217		1.416
↑	Grade		2007+70.00	HB45	1551.16	60.14	-2.000%	0.00	1552.36	0.00	-2.000%	0.00	1552.36	HB45	0.0040	5.2987	0.0000	1.360	1.388	**Left**	HB45	12.00	0.00	4.50	2.92	7.42	18.000	**OK**	0.652	0.737	2.041	1.882		1.388
↑	Grade		2007+75.00	HB45	1551.19	60.14	-2.000%	0.00	1552.39	0.00	-2.000%	0.00	1552.39	HB45	0.0060	5.2918	0.0000	1.333	1.360	**Left**	HB45	12.00	0.00	4.50	2.07	6.57	18.000	**OK**	0.576	0.619	2.312	2.197		1.360
↑	Grade		2007+80.00	HB45	1551.21	60.14	-2.000%	0.00	1552.41	0.00	-2.000%	0.00	1552.41	HB45	0.0040	5.2849	0.0000	1.305	1.333	**Left**	HB45	12.00	0.00	4.50	2.76	7.26	18.000	**OK**	0.638	0.714	2.012	1.866		1.333
↑	Grade		2007+85.00	HB45	1551.24	60.14	-2.000%	0.00	1552.44	0.00	-2.000%	0.00	1552.44	HB45	0.0060	5.2780	0.0000	1.277	1.305	**Left**	HB45	12.00	0.00	4.50	1.92	6.42	18.000	**OK**	0.563	0.600	2.279	2.177		1.305
↑	Grade		2007+90.00	HB45	1551.26	60.15	-2.000%	0.00	1552.46	0.00	-2.000%	0.00	1552.46	HB45	0.0040	5.2711	0.0000	1.250	1.277	**Left**	HB45	12.00	0.00	4.50	2.59	7.09	18.000	**OK**	0.623	0.690	1.983	1.850		1.277
↑	Grade		2007+95.00	HB45	1551.29	60.15	-2.000%	0.00	1552.49	0.00	-2.000%	0.00	1552.49	HB45	0.0060	5.2642	0.0000	1.222	1.250	**Left**	HB45	12.00	0.00	4.50	1.76	6.26	18.000	**OK**	0.549	0.580	2.244	2.154		1.250
↑	Grade		2008+00.00	HB45	1551.31	60.15	-2.000%	0.00	1552.51	0.00	-2.000%	0.00	1552.51	HB45	0.0040	5.2573	0.0000	1.194	1.222	**Left**	HB45	12.00	0.00	4.50	2.42	6.92	18.000	**OK**	0.608	0.667	1.953	1.832		1.222
↑	Grade		2008+05.00	HB45	1551.34	60.15	-2.000%	0.00	1552.54	0.00	-2.000%	0.00	1552.54	HB45	0.0060	5.2504	0.0000	1.167	1.194	**Left**	HB45	12.00	0.00	4.50	1.61	6.11	18.000	**OK**	0.535	0.560	2.208	2.131		1.194
↑	Grade		2008+10.00	HB45	1551.36	60.16	-2.000%	0.00	1552.56	0.00	-2.000%	0.00	1552.56	HB45	0.0040	5.2435	0.0000	1.139	1.167	**Left**	HB45	12.00	0.00	4.50	2.25	6.75	18.000	**OK**	0.593	0.643	1.921	1.814		1.167
↑	Grade		2008+15.00	HB45	1551.39	60.16	-2.000%	0.00	1552.59	0.00	-2.000%	0.00	1552.59	HB45	0.0060	5.2366	0.0000	1.111	1.139	**Left**	HB45	12.00	0.00	4.50	1.44	5.94	18.000	**OK**	0.520	0.541	2.170	2.106		1.139
↑	Grade		2008+20.00	HB45	1551.41	60.16	-2.000%	0.00	1552.61	0.00	-2.000%	0.00	1552.61	HB45	0.0040	5.2297	0.0000	1.084	1.111	**Left**	HB45	12.00	0.00	4.50	2.07	6.57	18.000	**OK**	0.576	0.619	1.888	1.794		1.111
↑	Grade		2008+25.00	HB45	1551.44	60.16	-2.000%	0.00	1552.64	0.00	-2.000%	0.00	1552.64	HB45	0.0060	5.2228	0.0000	1.056	1.084	**Left**	HB45	12.00	0.00	4.50	1.28	5.78	18.000	**OK**	0.505	0.521	2.131	2.080		1.084
↑	Grade		2008+30.00	HB45	1551.46	60.17	-2.000%	0.00	1552.66	0.00	-2.000%	0.00	1552.66	HB45	0.0040	5.2159	0.0000	1.028	1.056	**Left**	HB45	12.00	0.00	4.50	1.89	6.39	18.000	**OK**	0.560	0.595	1.854	1.773		1.056
↑	Grade		2008+35.00	HB45	1551.49	60.17	-2.000%	0.00	1552.69	0.00	-2.000%	0.00	1552.69	HB45	0.0060	5.2089	0.0000	1.001	1.028	**Left**	HB45	12.00	0.00	4.50	1.10	5.60	18.000	**OK**	0.489	0.501	2.091	2.051		1.028
↑	Grade		2008+40.00	HB45	1551.51	60.17	-2.000%	0.00	1552.71	0.00	-2.000%	0.00	1552.71	HB45	0.0040	5.2020	0.0000	0.973	1.001	**Left**	HB45	12.00	0.00	4.50	1.70	6.20	18.000	**OK**	0.543	0.571	1.819	1.751		1.001
↑	Grade		2008+45.00	HB45	1551.54	60.17	-2.000%	0.00	1552.74	0.00	-2.000%	0.00	1552.74	HB45	0.0060	5.1951	0.0000	0.945	0.973	**Left**	HB45	12.00	0.00	4.50	0.92	5.42	18.000	**OK**	0.473	0.482	2.049	2.020		0.973
↑	Grade		2008+50.00	HB45	1551.56	60.18	-2.000%	0.00	1552.76	0.00	-2.000%	0.00	1552.76	HB45	0.0040	5.1882	0.0000	0.917	0.945	**Left**	HB45	12.00	0.00	4.50	1.50	6.00	18.000	**OK**	0.525	0.547	1.782	1.727		0.945
↑	Grade		2008+55.00	HB45	1551.59	60.18	-2.000%	0.00	1552.79	0.00	-2.000%	0.00	1552.79	HB45	0.0060	5.1813	0.0000	0.890	0.917	**Left**	HB45	12.00	0.00	4.50	0.74	5.24	18.000	**OK**	0.456	0.462	2.006	1.986		0.917
↑	Grade		2008+60.00	HB45	1551.61	60.18	-2.000%	0.00	1552.81	0.00	-2.000%	0.00	1552.81	HB45	0.0040	5.1744	0.0000	0.862	0.890	**Left**	HB45	12.00	0.00	4.50	1.29	5.79	18.000	**OK**	0.506	0.523	1.744	1.700		0.890
↑	Grade		2008+65.00	HB45	1551.64	60.18	-2.000%	0.00	1552.84	0.00	-2.000%	0.00	1552.84	HB45	0.0060	5.1675	0.0000	0.834	0.862	**Left**	HB45	12.00	0.00	4.50	0.55	5.05	18.000	**OK**	0.439	0.442	1.961	1.949		0.862
↑	Grade		2008+70.00	HB45	1551.66	60.19	-2.000%	0.00	1552.86	0.00	-2.000%	0.00	1552.86	HB45	0.0040	5.1606	0.0000	0.807	0.834	**Left**	HB45	12.00	0.00	4.50	1.08	5.58	18.000	**OK**	0.487	0.499	1.704	1.672		0.834
↑	Grade		2008+75.00	HB45	1551.69	60.19	-2.000%	0.00	1552.89	0.00	-2.000%	0.00	1552.89	HB45	0.0060	5.1537	0.0000	0.779	0.807	**Left**	HB45	12.00	0.00	4.50	0.35	4.85	18.000	**OK**	0.421	0.423	1.914	1.909		0.807
↑	Grade		2008+80.00	HB45	1551.71	60.19	-2.000%	0.00	1552.91	0.00	-2.000%	0.00	1552.91	HB45	0.0040	5.1468	0.0000	0.751	0.779	**Left**	HB45	12.00	0.00	4.50	0.86	5.36	18.000	**OK**	0.468	0.475	1.662	1.640		0.779
↑	Grade		2008+85.00	HB45	1551.74	60.19	-2.000%	0.00	1552.94	0.00	-2.000%	0.00	1552.94	HB45	0.0060	5.1399	0.0000	0.724	0.751	**Left**	HB45	12.00	0.00	4.50	0.14	4.64	18.000	**OK**	0.403	0.403	1.865	1.864		0.751
↑	Grade		2008+90.00	HB45	1551.76	60.20	-2.000%	0.00	1552.96	0.00	-2.000%	0.00	1552.96	HB45	0.0040	5.1330	0.0000	0.696	0.724	**Left**	HB45	12.00	0.00	4.50	0.63	5.13	18.000	**OK**	0.447	0.451	1.617	1.605		0.724
↑	Grade		2008+95.00	HB45	1551.79	60.20	-2.000%	0.00	1552.99	0.00	-2.000%	0.00	1552.99	HB45	0.0060	5.1261	0.0000	0.668	0.696	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.384	0.384	1.813	1.813		0.696
↑	Grade		2009+00.00	HB45	1551.81	60.20	-2.000%	0.00	1553.01	0.00	-2.000%	0.00	1553.01	HB45	0.0040	5.1191	0.0000	0.640	0.668	**Left**	HB45	12.00	0.00	4.50	0.39	4.89	18.000	**OK**	0.425	0.427	1.571	1.566		0.668
↑	Grade		2009+05.00	HB45	1551.84	60.20	-2.000%	0.00	1553.04	0.00	-2.000%	0.00	1553.04	HB45	0.0060	5.1122	0.0000	0.613	0.640	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.364	0.364	1.760	1.760		0.640
↑	Grade		2009+10.00	HB45	1551.86	60.21	-2.000%	0.00	1553.06	0.00	-2.000%	0.00	1553.06	HB45	0.0040	5.1053	0.0000	0.585	0.613	**Left**	HB45	12.00	0.00	4.50	0.14	4.64	18.000	**OK**	0.403	0.403	1.522	1.521		0.613
↑	Grade		2009+15.00	HB45	1551.89	60.21	-2.000%	0.00	1553.09	0.00	-2.000%	0.00	1553.09	HB45	0.0060	5.0984	0.0000	0.557	0.585	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	1.704	1.704		0.585
↑	Grade		2009+20.00	HB45	1551.91	60.21	-2.000%	0.00	1553.11	0.00	-2.000%	0.00	1553.11	HB45	0.0040	5.0915	0.0000	0.530	0.557	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.379	0.379	1.470	1.470		0.557
↑	Grade		2009+25.00	HB45	1551.94	60.21	-2.000%	0.00	1553.14	0.00	-2.000%	0.00	1553.14	HB45	0.0060	5.0846	0.0000	0.502	0.530	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.322	0.322	1.646	1.646		0.530
↑	Grade		2009+30.00	HB45	1551.96	60.22	-2.000%	0.00	1553.16	0.00	-2.000%	0.00	1553.16	HB45	0.0040	5.0777	0.0000	0.474	0.502	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.354	0.354	1.416	1.416		0.502
↑	Grade		2009+35.00	HB45	1551.99	60.22	-2.000%	0.00	1553.19	0.00	-2.000%	0.00	1553.19	HB45	0.0060	5.0708	0.0000	0.447	0.474	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.299	0.299	1.585	1.585		0.474
↑	Grade		2009+40.00	HB45	1552.01	60.22	-2.000%	0.00	1553.21	0.00	-2.000%	0.00	1553.21	HB45	0.0040	5.0639	0.0000	0.419	0.447	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.329	0.329	1.359	1.359		0.447
↑	Grade		2009+45.00	HB45	1552.04	60.22	-2.000%	0.00	1553.24	0.00	-2.000%	0.00	1553.24	HB45	0.0060	5.0569	0.0000	0.391	0.419	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.275	0.275	1.522	1.522		0.419

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2009+50.00	HB45	1552.06	60.23	-2.000%	0.00	1553.26	0.00	-2.000%	0.00	1553.26	HB45	0.0040	5.0500	0.0000	0.363	0.391	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.301	0.301	1.299	1.299		0.391
↑	Grade		2009+55.00	HB45	1552.09	60.23	-2.000%	0.00	1553.29	0.00	-2.000%	0.00	1553.29	HB45	0.0060	5.0431	0.0000	0.336	0.363	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.250	0.250	1.455	1.455		0.363
↑	Grade		2009+60.00	HB45	1552.11	60.23	-2.000%	0.00	1553.31	0.00	-2.000%	0.00	1553.31	HB45	0.0040	5.0362	0.0000	0.308	0.336	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.272	0.272	1.235	1.235		0.336
↑	Grade		2009+65.00	HB45	1552.14	60.23	-2.000%	0.00	1553.34	0.00	-2.000%	0.00	1553.34	HB45	0.0060	5.0293	0.0000	0.280	0.308	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.222	0.222	1.386	1.386		0.308
↑	Grade		2009+70.00	HB45	1552.16	60.24	-2.000%	0.00	1553.36	0.00	-2.000%	0.00	1553.36	HB45	0.0040	5.0224	0.0000	0.253	0.280	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.240	0.240	1.168	1.168		0.280
↑	Grade		2009+75.00	HB45	1552.19	60.24	-2.000%	0.00	1553.39	0.00	-2.000%	0.00	1553.39	HB45	0.0060	5.0155	0.0000	0.225	0.253	**Left**	HB45	12.00	0.00	4.38	0.00	4.38	18.000	**OK**	0.192	0.192	1.316	1.316		0.253
↑	Grade	**3**	2009+80.00	HB45	1552.21	60.24	-2.000%	0.00	1553.41	0.00	-2.000%	0.00	1553.41	HB45	0.0040	5.0086	0.0000	2.109	2.137	**Left**	HB45	12.00	0.00	4.50	4.75	9.25	18.000	**OK**	0.818	1.044	2.358	2.047	3	2.137
↑	Grade		2009+85.00	HB45	1552.24	60.24	-2.000%	0.00	1553.44	0.00	-2.000%	0.00	1553.44	HB45	0.0060	5.0016	0.0000	2.082	2.109	**Left**	HB45	12.00	0.00	4.50	3.80	8.30	18.000	**OK**	0.732	0.877	2.689	2.406		2.109
↑	Grade		2009+90.00	HB45	1552.26	60.25	-2.000%	0.00	1553.46	0.00	-2.000%	0.00	1553.46	HB45	0.0040	4.9947	0.0000	2.054	2.082	**Left**	HB45	12.00	0.00	4.50	4.63	9.13	18.000	**OK**	0.807	1.022	2.338	2.037		2.082
↑	Grade		2009+95.00	HB45	1552.29	60.25	-2.000%	0.00	1553.49	0.00	-2.000%	0.00	1553.49	HB45	0.0060	4.9878	0.0000	2.026	2.054	**Left**	HB45	12.00	0.00	4.50	3.69	8.19	18.000	**OK**	0.722	0.858	2.665	2.394		2.054
↑	Grade		2010+00.00	HB45	1552.31	60.25	-2.000%	0.00	1553.51	0.00	-2.000%	0.00	1553.51	HB45	0.0040	4.9809	0.0000	1.998	2.026	**Left**	HB45	12.00	0.00	4.50	4.51	9.01	18.000	**OK**	0.796	1.000	2.317	2.027		2.026
↑	Grade		2010+05.00	HB45	1552.33	60.25	-2.000%	0.00	1553.54	0.00	-2.000%	0.00	1553.54	HB45	0.0060	4.9740	0.0000	1.971	1.998	**Left**	HB45	12.00	0.00	4.50	3.57	8.07	18.000	**OK**	0.712	0.839	2.641	2.381		1.998
↑	Grade		2010+10.00	HB45	1552.35	60.26	-2.000%	0.00	1553.56	0.00	-2.000%	0.00	1553.56	HB45	0.0040	4.9671	0.0000	1.943	1.971	**Left**	HB45	12.00	0.00	4.50	4.39	8.89	18.000	**OK**	0.785	0.978	2.296	2.016		1.971
↑	Grade		2010+15.00	HB45	1552.38	60.26	-2.000%	0.00	1553.59	0.00	-2.000%	0.00	1553.59	HB45	0.0060	4.9601	0.0000	1.915	1.943	**Left**	HB45	12.00	0.00	4.50	3.46	7.96	18.000	**OK**	0.701	0.820	2.616	2.368		1.943
↑	Grade		2010+20.00	HB45	1552.40	60.26	-2.000%	0.00	1553.61	0.00	-2.000%	0.00	1553.61	HB45	0.0040	4.9532	0.0000	1.888	1.915	**Left**	HB45	12.00	0.00	4.50	4.26	8.76	18.000	**OK**	0.774	0.955	2.275	2.005		1.915
↑	Grade		2010+25.00	HB45	1552.43	60.26	-2.000%	0.00	1553.64	0.00	-2.000%	0.00	1553.64	HB45	0.0060	4.9463	0.0000	1.860	1.888	**Left**	HB45	12.00	0.00	4.50	3.34	7.84	18.000	**OK**	0.690	0.802	2.590	2.355		1.888
↑	Grade		2010+30.00	HB45	1552.45	60.27	-2.000%	0.00	1553.66	0.00	-2.000%	0.00	1553.66	HB45	0.0040	4.9394	0.0000	1.832	1.860	**Left**	HB45	12.00	0.00	4.50	4.13	8.63	18.000	**OK**	0.762	0.933	2.253	1.994		1.860
↑	Grade		2010+35.00	HB45	1552.48	60.27	-2.000%	0.00	1553.69	0.00	-2.000%	0.00	1553.69	HB45	0.0060	4.9325	0.0000	1.804	1.832	**Left**	HB45	12.00	0.00	4.50	3.22	7.72	18.000	**OK**	0.679	0.783	2.564	2.341		1.832
↑	Grade		2010+40.00	HB45	1552.50	60.27	-2.000%	0.00	1553.71	0.00	-2.000%	0.00	1553.71	HB45	0.0040	4.9256	0.0000	1.777	1.804	**Left**	HB45	12.00	0.00	4.50	4.00	8.50	18.000	**OK**	0.750	0.910	2.230	1.983		1.804
↑	Grade		2010+45.00	HB45	1552.53	60.27	-2.000%	0.00	1553.74	0.00	-2.000%	0.00	1553.74	HB45	0.0060	4.9186	0.0000	1.749	1.777	**Left**	HB45	12.00	0.00	4.50	3.09	7.59	18.000	**OK**	0.668	0.764	2.538	2.326		1.777
↑	Grade		2010+50.00	HB45	1552.55	60.28	-2.000%	0.00	1553.76	0.00	-2.000%	0.00	1553.76	HB45	0.0040	4.9117	0.0000	1.721	1.749	**Left**	HB45	12.00	0.00	4.50	3.87	8.37	18.000	**OK**	0.738	0.887	2.207	1.971		1.749
↑	Grade		2010+55.00	HB45	1552.58	60.28	-2.000%	0.00	1553.79	0.00	-2.000%	0.00	1553.79	HB45	0.0060	4.9048	0.0000	1.693	1.721	**Left**	HB45	12.00	0.00	4.50	2.96	7.46	18.000	**OK**	0.657	0.745	2.510	2.311		1.721
↑	Grade		2010+60.00	HB45	1552.60	60.28	-2.000%	0.00	1553.81	0.00	-2.000%	0.00	1553.81	HB45	0.0040	4.8979	0.0000	1.666	1.693	**Left**	HB45	12.00	0.00	4.50	3.73	8.23	18.000	**OK**	0.726	0.865	2.183	1.958		1.693
↑	Grade		2010+65.00	HB45	1552.63	60.28	-2.000%	0.00	1553.84	0.00	-2.000%	0.00	1553.84	HB45	0.0060	4.8910	0.0000	1.638	1.666	**Left**	HB45	12.00	0.00	4.50	2.84	7.34	18.000	**OK**	0.645	0.726	2.482	2.296		1.666
↑	Grade		2010+70.00	HB45	1552.65	60.29	-2.000%	0.00	1553.86	0.00	-2.000%	0.00	1553.86	HB45	0.0040	4.8840	0.0000	1.610	1.638	**Left**	HB45	12.00	0.00	4.50	3.59	8.09	18.000	**OK**	0.713	0.842	2.159	1.946		1.638
↑	Grade		2010+75.00	HB45	1552.68	60.29	-2.000%	0.00	1553.89	0.00	-2.000%	0.00	1553.89	HB45	0.0060	4.8771	0.0000	1.582	1.610	**Left**	HB45	12.00	0.00	4.50	2.70	7.20	18.000	**OK**	0.633	0.706	2.453	2.280		1.610
↑	Grade		2010+80.00	HB45	1552.70	60.29	-2.000%	0.00	1553.91	0.00	-2.000%	0.00	1553.91	HB45	0.0040	4.8702	0.0000	1.555	1.582	**Left**	HB45	12.00	0.00	4.50	3.45	7.95	18.000	**OK**	0.700	0.819	2.134	1.933		1.582
↑	Grade		2010+85.00	HB45	1552.73	60.29	-2.000%	0.00	1553.94	0.00	-2.000%	0.00	1553.94	HB45	0.0060	4.8633	0.0000	1.527	1.555	**Left**	HB45	12.00	0.00	4.50	2.57	7.07	18.000	**OK**	0.621	0.687	2.423	2.263		1.555
↑	Grade		2010+90.00	HB45	1552.75	60.30	-2.000%	0.00	1553.96	0.00	-2.000%	0.00	1553.96	HB45	0.0040	4.8564	0.0000	1.499	1.527	**Left**	HB45	12.00	0.00	4.50	3.30	7.80	18.000	**OK**	0.687	0.796	2.108	1.919		1.527
↑	Grade		2010+95.00	HB45	1552.78	60.30	-2.000%	0.00	1553.99	0.00	-2.000%	0.00	1553.99	HB45	0.0060	4.8494	0.0000	1.472	1.499	**Left**	HB45	12.00	0.00	4.50	2.43	6.93	18.000	**OK**	0.609	0.668	2.393	2.245		1.499
↑	Grade		2011+00.00	HB45	1552.80	60.30	-2.000%	0.00	1554.01	0.00	-2.000%	0.00	1554.01	HB45	0.0040	4.8425	0.0000	1.444	1.472	**Left**	HB45	12.00	0.00	4.50	3.15	7.65	18.000	**OK**	0.673	0.773	2.082	1.905		1.472
↑	Grade		2011+05.00	HB45	1552.83	60.30	-2.000%	0.00	1554.04	0.00	-2.000%	0.00	1554.04	HB45	0.0060	4.8356	0.0000	1.416	1.444	**Left**	HB45	12.00	0.00	4.50	2.29	6.79	18.000	**OK**	0.596	0.648	2.361	2.227		1.444
↑	Grade		2011+10.00	HB45	1552.85	60.31	-2.000%	0.00	1554.06	0.00	-2.000%	0.00	1554.06	HB45	0.0040	4.8287	0.0000	1.388	1.416	**Left**	HB45	12.00	0.00	4.50	2.99	7.49	18.000	**OK**	0.660	0.749	2.055	1.890		1.416
↑	Grade		2011+15.00	HB45	1552.88	60.31	-2.000%	0.00	1554.09	0.00	-2.000%	0.00	1554.09	HB45	0.0060	4.8218	0.0000	1.361	1.388	**Left**	HB45	12.00	0.00	4.50	2.14	6.64	18.000	**OK**	0.583	0.629	2.329	2.207		1.388
↑	Grade		2011+20.00	HB45	1552.90	60.31	-2.000%	0.00	1554.11	0.00	-2.000%	0.00	1554.11	HB45	0.0040	4.8148	0.0000	1.333	1.361	**Left**	HB45	12.00	0.00	4.50	2.84	7.34	18.000	**OK**	0.645	0.726	2.027	1.875		1.361
↑	Grade		2011+25.00	HB45	1552.93	60.31	-2.000%	0.00	1554.14	0.00	-2.000%	0.00	1554.14	HB45	0.0060	4.8079	0.0000	1.305	1.333	**Left**	HB45	12.00	0.00	4.50	1.99	6.49	18.000	**OK**	0.570	0.609	2.296	2.187		1.333
↑	Grade		2011+30.00	HB45	1552.95	60.32	-2.000%	0.00	1554.16	0.00	-2.000%	0.00	1554.16	HB45	0.0040	4.8010	0.0000	1.277	1.305	**Left**	HB45	12.00	0.00	4.50	2.67	7.17	18.000	**OK**	0.631	0.702	1.998	1.858		1.305
↑	Grade		2011+35.00	HB45	1552.98	60.32	-2.000%	0.00	1554.19	0.00	-2.000%	0.00	1554.19	HB45	0.0060	4.7941	0.0000	1.249	1.277	**Left**	HB45	12.00	0.00	4.50	1.84	6.34	18.000	**OK**	0.556	0.590	2.261	2.166		1.277
↑	Grade		2011+40.00	HB45	1553.00	60.32	-2.000%	0.00	1554.21	0.00	-2.000%	0.00	1554.21	HB45	0.0040	4.7871	0.0000	1.222	1.249	**Left**	HB45	12.00	0.00	4.50	2.51	7.01	18.000	**OK**	0.616	0.679	1.968	1.841		1.249
↑	Grade		2011+45.00	HB45	1553.03	60.32	-2.000%	0.00	1554.24	0.00	-2.000%	0.00	1554.24	HB45	0.0060	4.7802	0.0000	1.194	1.222	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.542	0.570	2.226	2.143		1.222
↑	Grade		2011+50.00	HB45	1553.05	60.33	-2.000%	0.00	1554.26	0.00	-2.000%	0.00	1554.26	HB45	0.0040	4.7733	0.0000	1.166	1.194	**Left**	HB45	12.00	0.00	4.50	2.34	6.84	18.000	**OK**	0.600	0.655	1.937	1.823		1.194
↑	Grade		2011+55.00	HB45	1553.08	60.33	-2.000%	0.00	1554.29	0.00	-2.000%	0.00	1554.29	HB45	0.0060	4.7664	0.0000	1.138	1.166	**Left**	HB45	12.00	0.00	4.50	1.52	6.02	18.000	**OK**	0.527	0.550	2.189	2.119		1.166
↑	Grade		2011+60.00	HB45	1553.10	60.33	-2.000%	0.00	1554.31	0.00	-2.000%	0.00	1554.31	HB45	0.0040	4.7595	0.0000	1.111	1.138	**Left**	HB45	12.00	0.00	4.50	2.16	6.66	18.000	**OK**	0.584	0.631	1.905	1.804		1.138
↑	Grade		2011+65.00	HB45	1553.13	60.33	-2.000%	0.00	1554.34	0.00	-2.000%	0.00	1554.34	HB45	0.0060	4.7525	0.0000	1.083	1.111	**Left**	HB45	12.00	0.00	4.50	1.36	5.86	18.000	**OK**	0.512	0.531	2.151	2.093		1.111
↑	Grade		2011+70.00	HB45	1553.15	60.34	-2.000%	0.00	1554.36	0.00	-2.000%	0.00	1554.36	HB45	0.0040	4.7456	0.0000	1.055	1.083	**Left**	HB45	12.00	0.00	4.50	1.98	6.48	18.000	**OK**	0.568	0.607	1.871	1.784		1.083
↑	Grade		2011+75.00	HB45	1553.18	60.34	-2.000%	0.00	1554.39	0.00	-2.000%	0.00	1554.39	HB45	0.0060	4.7387	0.0000	1.027	1.055	**Left**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.497	0.511	2.111	2.065		1.055
↑	Grade		2011+80.00	HB45	1553.20	60.34	-2.000%	0.00	1554.41	0.00	-2.000%	0.00	1554.41	HB45	0.0040	4.7317	0.0000	1.000	1.027	**Left**	HB45	12.00	0.00	4.50	1.79	6.29	18.000	**OK**	0.551	0.583	1.836	1.762		1.027
↑	Grade		2011+85.00	HB45	1553.23	60.34	-2.000%	0.00	1554.44	0.00	-2.000%	0.00	1554.44	HB45	0.0060	4.7248	0.0000	0.972	1.000	**Left**	HB45	12.00	0.00	4.50	1.01	5.51	18.000	**OK**	0.481	0.491	2.070	2.035		1.000
↑	Grade		2011+90.00	HB45	1553.25	60.35	-2.000%	0.00	1554.46	0.00	-2.000%	0.00	1554.46	HB45	0.0040	4.7179	0.0000	0.944	0.972	**Left**	HB45	12.00	0.00	4.50	1.59	6.09	18.000	**OK**	0.534	0.559	1.800	1.739		0.972
↑	Grade		2011+95.00	HB45	1553.28	60.35	-2.000%	0.00	1554.49	0.00	-2.000%	0.00	1554.49	HB45	0.0060	4.7110	0.0000	0.916	0.944	**Left**	HB45	12.00	0.00	4.50	0.83	5.33	18.000	**OK**	0.465	0.471	2.027	2.003		0.944
↑	Grade		2012+00.00	HB45	1553.30	60.35	-2.000%	0.00	1554.51	0.00	-2.000%	0.00	1554.51	HB45	0.0040	4.7040	0.0000	0.889	0.916	**Left**	HB45	12.00	0.00	4.50	1.39	5.89	18.000	**OK**	0.515	0.535	1.763	1.713		0.916
↑	Grade		2012+05.00	HB45	1553.33	60.35	-2.000%	0.00	1554.54	0.00	-2.000%	0.00	1554.54	HB45	0.0060	4.6971	0.0000	0.861	0.889	**Left**	HB45	12.00	0.00	4.50	0.64	5.14	18.000	**OK**	0.448	0.452	1.983	1.967		0.889
↑	Grade		2012+10.00	HB45	1553.35	60.36	-2.000%	0.00	1554.56	0.00	-2.000%	0.00	1554.56	HB45	0.0040	4.6902	0.0000	0.833	0.861	**Left**	HB45	12.00	0.00	4.50	1.18	5.68	18.000	**OK**	0.497	0.511	1.723	1.686		0.861
↑	Grade		2012+15.00	HB45	1553.38	60.36	-2.000%	0.00	1554.59	0.00	-2.000%	0.00	1554.59	HB45	0.0060	4.6833	0.0000	0.805	0.833	**Left**	HB45	12.00	0.00	4.50	0.44	4.94	18.000	**OK**	0.430	0.432	1.936	1.929		0.833
↑	Grade		2012+20.00	HB45	1553.40	60.36	-2.000%	0.00	1554.61	0.00	-2.000%	0.00	1554.61	HB45	0.0040	4.6763	0.0000	0.777	0.805	**Left**	HB45	12.00	0.00	4.50	0.97	5.47	18.000	**OK**	0.477	0.486	1.682	1.656		0.805
↑	Grade		2012+25.00	HB45	1553.43	60.36	-2.000%	0.00	1554.64	0.00	-2.000%	0.00	1554.64	HB45	0.0060	4.6694	0.0000	0.750	0.777	**Left**	HB45	12.00	0.00	4.50	0.24	4.74	18.000	**OK**	0.412	0.412	1.888	1.886		0.777
↑	Grade		2012+30.00	HB45	1553.45	60.37	-2.000%	0.00	1554.66	0.00	-2.000%	0.00	1554.66	HB45	0.0040	4.6625	0.0000	0.722	0.750	**Left**	HB45	12.00	0.00	4.50	0.74	5.24	18.000	**OK**	0.457	0.462	1.638	1.622		0.750
↑	Grade		2012+35.00	HB45	1553.48	60.37	-2.000%	0.00	1554.69	0.00	-2.000%	0.00	1554.69	HB45	0.0060	4.6555	0.0000	0.694	0.722	**Left**	HB45	12.00	0.00	4.50	0.03	4.53	18.000	**OK**	0.393	0.393	1.838	1.838		0.722
↑	Grade		2012+40.00	HB45	1553.50	60.37	-2.000%	0.00	1554.71	0.00	-2.000%	0.00	1554.71	HB45	0.0040	4.6486	0.0000	0.666	0.694	**Left**	HB45	12.00	0.00	4.50	0.50	5.00	18.000	**OK**	0.435	0.438	1.593	1.585		0.694
↑	Grade		2012+45.00	HB45	1553.53	60.37	-2.000%	0.00	1554.74	0.00	-2.000%	0.00	1554.74	HB45	0.0060	4.6417	0.0000	0.639	0.666	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	1.785	1.785		0.666
↑	Grade		2012+50.00	HB45	1553.55	60.38	-2.000%	0.00	1554.76	0.00	-2.000%	0.00	1554.76	HB45	0.0040	4.6348	0.0000	0.611	0.639	**Left**	HB45	12.00	0.00	4.50	0.26	4.76	18.000	**OK**	0.413	0.414	1.545	1.543		0.639
↑	Grade		2012+55.00	HB45	1553.58	60.38	-2.000%	0.00	1554.79	0.00	-2.000%	0.00	1554.79	HB45	0.0060	4.6278	0.0000	0.583	0.611	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.353	0.353	1.731	1.731		0.611
↑	Grade		2012+60.00	HB45	1553.60	60.38	-2.000%	0.00	1554.81	0.00	-2.000%	0.00	1554.81	HB45	0.0040	4.6209	0.0000	0.555	0.583	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.390	0.390	1.494	1.494		0.583
↑	Grade		2012+65.00	HB45	1553.63	60.38	-2.000%	0.00	1554.84	0.00	-2.000%	0.00	1554.84	HB45	0.0060	4.6140	0.0000	0.527	0.555	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.332	0.332	1.673	1.673		0.555
↑	Grade		2012+70.00	HB45	1553.65	60.39	-2.000%	0.00	1554.86	0.00	-2.000%	0.00	1554.86	HB45	0.0040	4.6070	0.0000	0.500	0.527	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.366	0.366	1.441	1.441		0.527
↑	Grade		2012+75.00	HB45	1553.68	60.39	-2.000%	0.00	1554.89	0.00	-2.000%	0.00	1554.89	HB45	0.0060	4.6001	0.0000	0.472	0.500	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.310	0.310	1.614	1.614		0.500
↑	Grade		2012+80.00	HB45	1553.70	60.39	-2.000%	0.00	1554.91	0.00	-2.000%	0.00	1554.91	HB45	0.0040	4.5932	0.0000	0.444	0.472	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	1.386	1.386		0.472
↑	Grade		2012+85.00	HB45	1553.73	60.39	-2.000%	0.00	1554.94	0.00	-2.000%	0.00	1554.94	HB45	0.0060	4.5862	0.0000	0.416	0.444	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.286	0.286	1.551	1.551		0.444
↑	Grade		2012+90.00	HB45	1553.75	60.40	-2.000%	0.00	1554.96	0.00	-2.000%	0.00	1554.96	HB45	0.0040	4.5793	0.0000	0.388	0.416	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.314	0.314	1.327	1.327		0.416
↑	Grade		2012+95.00	HB45	1553.78	60.40	-2.000%	0.00	1554.99	0.00	-2.000%	0.00	1554.99	HB45	0.0060	4.5724	0.0000	0.361	0.388	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.262	0.262	1.485	1.485		0.388
↑	Grade		2013+00.00	HB45	1553.80	60.40	-2.000%	0.00	1555.01	0.00	-2.000%	0.00	1555.01	HB45	0.0040	4.5654	0.0000	0.333	0.361	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.285	0.285	1.264	1.264		0.361
↑	Grade		2013+05.00	HB45	1553.83	60.40	-2.000%	0.00	1555.04	0.00	-2.000%	0.00	1555.04	HB45	0.0060	4.5585	0.0000	0.305	0.333	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.235	0.235	1.417	1.417		0.333
↑	Grade	**3**	2013+10.00	HB45	1553.85	60.41	-2.000%	0.00	1555.06	0.00	-2.000%	0.00	1555.06	HB45	0.0040	4.5516	0.0000	2.395	2.423	**Left**	HB45	12.00	0.00	4.50	5.34	9.84	18.000	**OK**	0.871	1.156	2.455	2.095	3	2.423
↑	Grade		2013+15.00	HB45	1553.88	60.41	-2.000%	0.00	1555.09	0.00	-2.000%	0.00	1555.09	HB45	0.0060	4.5446	0.0000	2.367	2.395	**Left**	HB45	12.00	0.00	4.50	4.35	8.85	18.000	**OK**	0.782	0.971	2.805	2.465		2.395

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade	2013+20.00	HB45	1553.90	60.41	-2.000%	0.00	1555.11	0.00	-2.000%	0.00	1555.11	HB45	0.0040	4.5377	0.0000	2.339	2.367	**Left**	HB45	12.00	0.00	4.50	5.23	9.73	18.000	**OK**	0.861	1.135	2.437	2.086		2.367
↑	Grade	2013+25.00	HB45	1553.93	60.41	-2.000%	0.00	1555.14	0.00	-2.000%	0.00	1555.14	HB45	0.0060	4.5308	0.0000	2.312	2.339	**Left**	HB45	12.00	0.00	4.50	4.25	8.75	18.000	**OK**	0.772	0.953	2.783	2.455		2.339
↑	Grade	2013+30.00	HB45	1553.95	60.42	-2.000%	0.00	1555.16	0.00	-2.000%	0.00	1555.16	HB45	0.0040	4.5238	0.0000	2.284	2.312	**Left**	HB45	12.00	0.00	4.50	5.12	9.62	18.000	**OK**	0.851	1.113	2.418	2.077		2.312
↑	Grade	2013+35.00	HB45	1553.98	60.42	-2.000%	0.00	1555.19	0.00	-2.000%	0.00	1555.19	HB45	0.0060	4.5169	0.0000	2.256	2.284	**Left**	HB45	12.00	0.00	4.50	4.14	8.64	18.000	**OK**	0.763	0.935	2.761	2.443		2.284
↑	Grade	2013+40.00	HB45	1554.00	60.42	-2.000%	0.00	1555.21	0.00	-2.000%	0.00	1555.21	HB45	0.0040	4.5100	0.0000	2.228	2.256	**Left**	HB45	12.00	0.00	4.50	5.01	9.51	18.000	**OK**	0.841	1.091	2.399	2.068		2.256
↑	Grade	2013+45.00	HB45	1554.03	60.42	-2.000%	0.00	1555.24	0.00	-2.000%	0.00	1555.24	HB45	0.0060	4.5030	0.0000	2.200	2.228	**Left**	HB45	12.00	0.00	4.50	4.04	8.54	18.000	**OK**	0.753	0.916	2.739	2.432		2.228
↑	Grade	2013+50.00	HB45	1554.05	60.43	-2.000%	0.00	1555.26	0.00	-2.000%	0.00	1555.26	HB45	0.0040	4.4961	0.0000	2.173	2.200	**Left**	HB45	12.00	0.00	4.50	4.89	9.39	18.000	**OK**	0.830	1.069	2.380	2.058		2.200
↑	Grade	2013+55.00	HB45	1554.08	60.43	-2.000%	0.00	1555.29	0.00	-2.000%	0.00	1555.29	HB45	0.0060	4.4892	0.0000	2.145	2.173	**Left**	HB45	12.00	0.00	4.50	3.93	8.43	18.000	**OK**	0.743	0.898	2.716	2.420		2.173
↑	Grade	2013+60.00	HB45	1554.10	60.43	-2.000%	0.00	1555.31	0.00	-2.000%	0.00	1555.31	HB45	0.0040	4.4822	0.0000	2.117	2.145	**Left**	HB45	12.00	0.00	4.50	4.77	9.27	18.000	**OK**	0.819	1.047	2.360	2.048		2.145
↑	Grade	2013+65.00	HB45	1554.13	60.43	-2.000%	0.00	1555.34	0.00	-2.000%	0.00	1555.34	HB45	0.0060	4.4753	0.0000	2.089	2.117	**Left**	HB45	12.00	0.00	4.50	3.82	8.32	18.000	**OK**	0.733	0.879	2.692	2.408		2.117
↑	Grade	2013+70.00	HB45	1554.15	60.44	-2.000%	0.00	1555.36	0.00	-2.000%	0.00	1555.36	HB45	0.0040	4.4684	0.0000	2.061	2.089	**Left**	HB45	12.00	0.00	4.50	4.65	9.15	18.000	**OK**	0.809	1.025	2.340	2.038		2.089
↑	Grade	2013+75.00	HB45	1554.18	60.44	-2.000%	0.00	1555.39	0.00	-2.000%	0.00	1555.39	HB45	0.0060	4.4614	0.0000	2.033	2.061	**Left**	HB45	12.00	0.00	4.50	3.70	8.20	18.000	**OK**	0.723	0.860	2.669	2.396		2.061
↑	Grade	2013+80.00	HB45	1554.20	60.44	-2.000%	0.00	1555.41	0.00	-2.000%	0.00	1555.41	HB45	0.0040	4.4545	0.0000	2.006	2.033	**Left**	HB45	12.00	0.00	4.50	4.53	9.03	18.000	**OK**	0.798	1.003	2.320	2.028		2.033
↑	Grade	2013+85.00	HB45	1554.23	60.44	-2.000%	0.00	1555.44	0.00	-2.000%	0.00	1555.44	HB45	0.0060	4.4476	0.0000	1.978	2.006	**Left**	HB45	12.00	0.00	4.50	3.59	8.09	18.000	**OK**	0.713	0.842	2.644	2.383		2.006
↑	Grade	2013+90.00	HB45	1554.25	60.45	-2.000%	0.00	1555.46	0.00	-2.000%	0.00	1555.46	HB45	0.0040	4.4406	0.0000	1.950	1.978	**Left**	HB45	12.00	0.00	4.50	4.40	8.90	18.000	**OK**	0.786	0.980	2.299	2.017		1.978
↑	Grade	2013+95.00	HB45	1554.28	60.45	-2.000%	0.00	1555.49	0.00	-2.000%	0.00	1555.49	HB45	0.0060	4.4337	0.0000	1.922	1.950	**Left**	HB45	12.00	0.00	4.50	3.47	7.97	18.000	**OK**	0.702	0.823	2.619	2.370		1.950
↑	Grade	2014+00.00	HB45	1554.30	60.45	-2.000%	0.00	1555.51	0.00	-2.000%	0.00	1555.51	HB45	0.0040	4.4267	0.0000	1.894	1.922	**Left**	HB45	12.00	0.00	4.50	4.28	8.78	18.000	**OK**	0.775	0.958	2.277	2.007		1.922
↑	Grade	2014+05.00	HB45	1554.33	60.45	-2.000%	0.00	1555.54	0.00	-2.000%	0.00	1555.54	HB45	0.0060	4.4198	0.0000	1.867	1.894	**Left**	HB45	12.00	0.00	4.50	3.35	7.85	18.000	**OK**	0.692	0.804	2.594	2.356		1.894
↑	Grade	2014+10.00	HB45	1554.35	60.46	-2.000%	0.00	1555.56	0.00	-2.000%	0.00	1555.56	HB45	0.0040	4.4129	0.0000	1.839	1.867	**Left**	HB45	12.00	0.00	4.50	4.15	8.65	18.000	**OK**	0.763	0.935	2.255	1.995		1.867
↑	Grade	2014+15.00	HB45	1554.38	60.46	-2.000%	0.00	1555.59	0.00	-2.000%	0.00	1555.59	HB45	0.0060	4.4059	0.0000	1.811	1.839	**Left**	HB45	12.00	0.00	4.50	3.23	7.73	18.000	**OK**	0.681	0.785	2.568	2.342		1.839
↑	Grade	2014+20.00	HB45	1554.40	60.46	-2.000%	0.00	1555.61	0.00	-2.000%	0.00	1555.61	HB45	0.0040	4.3990	0.0000	1.783	1.811	**Left**	HB45	12.00	0.00	4.50	4.02	8.52	18.000	**OK**	0.752	0.913	2.233	1.984		1.811
↑	Grade	2014+25.00	HB45	1554.43	60.46	-2.000%	0.00	1555.64	0.00	-2.000%	0.00	1555.64	HB45	0.0060	4.3920	0.0000	1.755	1.783	**Left**	HB45	12.00	0.00	4.50	3.11	7.61	18.000	**OK**	0.670	0.766	2.541	2.328		1.783
↑	Grade	2014+30.00	HB45	1554.45	60.47	-2.000%	0.00	1555.66	0.00	-2.000%	0.00	1555.66	HB45	0.0040	4.3851	0.0000	1.727	1.755	**Left**	HB45	12.00	0.00	4.50	3.88	8.38	18.000	**OK**	0.739	0.890	2.210	1.972		1.755
↑	Grade	2014+35.00	HB45	1554.48	60.47	-2.000%	0.00	1555.69	0.00	-2.000%	0.00	1555.69	HB45	0.0060	4.3782	0.0000	1.700	1.727	**Left**	HB45	12.00	0.00	4.50	2.98	7.48	18.000	**OK**	0.658	0.747	2.513	2.313		1.727
↑	Grade	2014+40.00	HB45	1554.50	60.47	-2.000%	0.00	1555.71	0.00	-2.000%	0.00	1555.71	HB45	0.0040	4.3712	0.0000	1.672	1.700	**Left**	HB45	12.00	0.00	4.50	3.74	8.24	18.000	**OK**	0.727	0.867	2.186	1.960		1.700
↑	Grade	2014+45.00	HB45	1554.53	60.47	-2.000%	0.00	1555.74	0.00	-2.000%	0.00	1555.74	HB45	0.0060	4.3643	0.0000	1.644	1.672	**Left**	HB45	12.00	0.00	4.50	2.85	7.35	18.000	**OK**	0.646	0.728	2.485	2.297		1.672
↑	Grade	2014+50.00	HB45	1554.55	60.48	-2.000%	0.00	1555.76	0.00	-2.000%	0.00	1555.76	HB45	0.0040	4.3573	0.0000	1.616	1.644	**Left**	HB45	12.00	0.00	4.50	3.60	8.10	18.000	**OK**	0.714	0.844	2.162	1.947		1.644
↑	Grade	2014+55.00	HB45	1554.58	60.48	-2.000%	0.00	1555.79	0.00	-2.000%	0.00	1555.79	HB45	0.0060	4.3504	0.0000	1.588	1.616	**Left**	HB45	12.00	0.00	4.50	2.72	7.22	18.000	**OK**	0.635	0.708	2.456	2.281		1.616
↑	Grade	2014+60.00	HB45	1554.60	60.48	-2.000%	0.00	1555.81	0.00	-2.000%	0.00	1555.81	HB45	0.0040	4.3435	0.0000	1.561	1.588	**Left**	HB45	12.00	0.00	4.50	3.46	7.96	18.000	**OK**	0.701	0.821	2.137	1.934		1.588
↑	Grade	2014+65.00	HB45	1554.63	60.48	-2.000%	0.00	1555.84	0.00	-2.000%	0.00	1555.84	HB45	0.0060	4.3365	0.0000	1.533	1.561	**Left**	HB45	12.00	0.00	4.50	2.58	7.08	18.000	**OK**	0.622	0.689	2.427	2.264		1.561
↑	Grade	2014+70.00	HB45	1554.65	60.49	-2.000%	0.00	1555.86	0.00	-2.000%	0.00	1555.86	HB45	0.0040	4.3296	0.0000	1.505	1.533	**Left**	HB45	12.00	0.00	4.50	3.31	7.81	18.000	**OK**	0.688	0.798	2.111	1.920		1.533
↑	Grade	2014+75.00	HB45	1554.68	60.49	-2.000%	0.00	1555.89	0.00	-2.000%	0.00	1555.89	HB45	0.0060	4.3226	0.0000	1.477	1.505	**Left**	HB45	12.00	0.00	4.50	2.44	6.94	18.000	**OK**	0.610	0.670	2.396	2.247		1.505
↑	Grade	2014+80.00	HB45	1554.70	60.49	-2.000%	0.00	1555.91	0.00	-2.000%	0.00	1555.91	HB45	0.0040	4.3157	0.0000	1.449	1.477	**Left**	HB45	12.00	0.00	4.50	3.16	7.66	18.000	**OK**	0.675	0.775	2.085	1.906		1.477
↑	Grade	2014+85.00	HB45	1554.73	60.49	-2.000%	0.00	1555.94	0.00	-2.000%	0.00	1555.94	HB45	0.0060	4.3087	0.0000	1.421	1.449	**Left**	HB45	12.00	0.00	4.50	2.30	6.80	18.000	**OK**	0.597	0.650	2.365	2.229		1.449
↑	Grade	2014+90.00	HB45	1554.75	60.50	-2.000%	0.00	1555.96	0.00	-2.000%	0.00	1555.96	HB45	0.0040	4.3018	0.0000	1.394	1.421	**Left**	HB45	12.00	0.00	4.50	3.01	7.51	18.000	**OK**	0.661	0.751	2.057	1.891		1.421
↑	Grade	2014+95.00	HB45	1554.78	60.50	-2.000%	0.00	1555.99	0.00	-2.000%	0.00	1555.99	HB45	0.0060	4.2949	0.0000	1.366	1.394	**Left**	HB45	12.00	0.00	4.50	2.16	6.66	18.000	**OK**	0.584	0.631	2.332	2.209		1.394
↑	Grade	2015+00.00	HB45	1554.80	60.50	-2.000%	0.00	1556.01	0.00	-2.000%	0.00	1556.01	HB45	0.0040	4.2879	0.0000	1.338	1.366	**Left**	HB45	12.00	0.00	4.50	2.85	7.35	18.000	**OK**	0.647	0.728	2.029	1.876		1.366
↑	Grade	2015+05.00	HB45	1554.83	60.53	-2.000%	0.00	1556.04	0.00	-2.000%	0.00	1556.04	HB45	0.0060	4.2810	0.0000	1.310	1.338	**Left**	HB45	12.00	0.00	4.50	2.01	6.51	18.000	**OK**	0.571	0.611	2.299	2.189		1.338
↑	Grade	2015+10.00	HB45	1554.85	60.56	-2.000%	0.00	1556.06	0.00	-2.000%	0.00	1556.06	HB45	0.0040	4.2740	0.0000	1.282	1.310	**Left**	HB45	12.00	0.00	4.50	2.69	7.19	18.000	**OK**	0.632	0.704	2.000	1.860		1.310
↑	Grade	2015+15.00	HB45	1554.88	60.59	-2.000%	0.00	1556.09	0.00	-2.000%	0.00	1556.09	HB45	0.0060	4.2671	0.0000	1.254	1.282	**Left**	HB45	12.00	0.00	4.50	1.86	6.36	18.000	**OK**	0.557	0.592	2.264	2.168		1.282
↑	Grade	2015+20.00	HB45	1554.90	60.61	-2.000%	0.00	1556.11	0.00	-2.000%	0.00	1556.11	HB45	0.0040	4.2601	0.0000	1.226	1.254	**Left**	HB45	12.00	0.00	4.50	2.52	7.02	18.000	**OK**	0.617	0.681	1.970	1.843		1.254
↑	Grade	2015+25.00	HB45	1554.93	60.64	-2.000%	0.00	1556.14	0.00	-2.000%	0.00	1556.14	HB45	0.0060	4.2532	0.0000	1.198	1.226	**Left**	HB45	12.00	0.00	4.50	1.70	6.20	18.000	**OK**	0.543	0.572	2.229	2.145		1.226
↑	Grade	2015+30.00	HB45	1554.95	60.67	-2.000%	0.00	1556.16	0.00	-2.000%	0.00	1556.16	HB45	0.0040	4.2462	0.0000	1.171	1.198	**Left**	HB45	12.00	0.00	4.50	2.35	6.85	18.000	**OK**	0.602	0.657	1.939	1.825		1.198
↑	Grade	2015+35.00	HB45	1554.98	60.70	-2.000%	0.00	1556.19	0.00	-2.000%	0.00	1556.19	HB45	0.0060	4.2392	0.0000	1.143	1.171	**Left**	HB45	12.00	0.00	4.50	1.54	6.04	18.000	**OK**	0.528	0.552	2.192	2.121		1.171
↑	Grade	2015+40.00	HB45	1555.00	60.73	-2.000%	0.00	1556.21	0.00	-2.000%	0.00	1556.21	HB45	0.0040	4.2323	0.0000	1.115	1.143	**Left**	HB45	12.00	0.00	4.50	2.17	6.67	18.000	**OK**	0.586	0.633	1.907	1.806		1.143
↑	Grade	2015+45.00	HB45	1555.02	60.76	-2.000%	0.00	1556.24	0.00	-2.000%	0.00	1556.24	HB45	0.0060	4.2253	0.0000	1.087	1.115	**Left**	HB45	12.00	0.00	4.50	1.37	5.87	18.000	**OK**	0.513	0.532	2.153	2.095		1.115
↑	Grade	2015+50.00	HB45	1555.04	60.79	-2.000%	0.00	1556.26	0.00	-2.000%	0.00	1556.26	HB45	0.0040	4.2183	0.0000	1.059	1.087	**Left**	HB45	12.00	0.00	4.50	1.99	6.49	18.000	**OK**	0.569	0.609	1.874	1.785		1.087
↑	Grade	2015+55.00	HB45	1555.07	60.81	-2.000%	0.00	1556.29	0.00	-2.000%	0.00	1556.29	HB45	0.0060	4.2114	0.0000	1.031	1.059	**Left**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.498	0.512	2.114	2.067		1.059
↑	Grade	2015+60.00	HB45	1555.09	60.84	-2.000%	0.00	1556.31	0.00	-2.000%	0.00	1556.31	HB45	0.0040	4.2044	0.0000	1.003	1.031	**Left**	HB45	12.00	0.00	4.50	1.80	6.30	18.000	**OK**	0.552	0.585	1.839	1.763		1.031
↑	Grade	2015+65.00	HB45	1555.12	60.87	-2.000%	0.00	1556.34	0.00	-2.000%	0.00	1556.34	HB45	0.0060	4.1974	0.0000	0.975	1.003	**Left**	HB45	12.00	0.00	4.50	1.02	5.52	18.000	**OK**	0.482	0.492	2.072	2.037		1.003
↑	Grade	2015+70.00	HB45	1555.14	60.90	-2.000%	0.00	1556.36	0.00	-2.000%	0.00	1556.36	HB45	0.0040	4.1904	0.0000	0.947	0.975	**Left**	HB45	12.00	0.00	4.50	1.61	6.11	18.000	**OK**	0.534	0.560	1.802	1.740		0.975
↑	Grade	2015+75.00	HB45	1555.17	60.93	-2.000%	0.00	1556.39	0.00	-2.000%	0.00	1556.39	HB45	0.0060	4.1834	0.0000	0.919	0.947	**Left**	HB45	12.00	0.00	4.50	0.84	5.34	18.000	**OK**	0.465	0.472	2.029	2.004		0.947
↑	Grade	2015+80.00	HB45	1555.19	60.96	-2.000%	0.00	1556.41	0.00	-2.000%	0.00	1556.41	HB45	0.0040	4.1764	0.0000	0.891	0.919	**Left**	HB45	12.00	0.00	4.50	1.40	5.90	18.000	**OK**	0.516	0.536	1.764	1.714		0.919
↑	Grade	2015+85.00	HB45	1555.22	60.99	-2.000%	0.00	1556.44	0.00	-2.000%	0.00	1556.44	HB45	0.0060	4.1694	0.0000	0.863	0.891	**Left**	HB45	12.00	0.00	4.50	0.65	5.15	18.000	**OK**	0.448	0.452	1.984	1.969		0.891
↑	Grade	2015+90.00	HB45	1555.24	61.02	-2.000%	0.00	1556.46	0.00	-2.000%	0.00	1556.46	HB45	0.0040	4.1624	0.0000	0.835	0.863	**Left**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.497	0.511	1.724	1.687		0.863
↑	Grade	2015+95.00	HB45	1555.27	61.04	-2.000%	0.00	1556.49	0.00	-2.000%	0.00	1556.49	HB45	0.0060	4.1554	0.0000	0.806	0.835	**Left**	HB45	12.00	0.00	4.50	0.45	4.95	18.000	**OK**	0.430	0.432	1.938	1.930		0.835
↑	Grade	2016+00.00	HB45	1555.29	61.07	-2.000%	0.00	1556.51	0.00	-2.000%	0.00	1556.51	HB45	0.0040	4.1484	0.0000	0.778	0.806	**Left**	HB45	12.00	0.00	4.50	0.97	5.47	18.000	**OK**	0.477	0.487	1.683	1.656		0.806
↑	Grade	2016+05.00	HB45	1555.32	61.10	-2.000%	0.00	1556.54	0.00	-2.000%	0.00	1556.54	HB45	0.0060	4.1414	0.0000	0.750	0.778	**Left**	HB45	12.00	0.00	4.50	0.24	4.74	18.000	**OK**	0.412	0.413	1.889	1.886		0.778
↑	Grade	2016+10.00	HB45	1555.34	61.13	-2.000%	0.00	1556.56	0.00	-2.000%	0.00	1556.56	HB45	0.0040	4.1344	0.0000	0.722	0.750	**Left**	HB45	12.00	0.00	4.50	0.74	5.24	18.000	**OK**	0.457	0.462	1.639	1.623		0.750
↑	Grade	2016+15.00	HB45	1555.37	61.16	-2.000%	0.00	1556.59	0.00	-2.000%	0.00	1556.59	HB45	0.0060	4.1274	0.0000	0.694	0.722	**Left**	HB45	12.00	0.00	4.50	0.03	4.53	18.000	**OK**	0.393	0.393	1.838	1.838		0.722
↑	Grade	2016+20.00	HB45	1555.39	61.19	-2.000%	0.00	1556.61	0.00	-2.000%	0.00	1556.61	HB45	0.0040	4.1204	0.0000	0.666	0.694	**Left**	HB45	12.00	0.00	4.50	0.50	5.00	18.000	**OK**	0.435	0.438	1.593	1.585		0.694
↑	Grade	2016+25.00	HB45	1555.42	61.22	-2.000%	0.00	1556.64	0.00	-2.000%	0.00	1556.64	HB45	0.0060	4.1134	0.0000	0.638	0.666	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	1.785	1.785		0.666
↑	Grade	2016+30.00	HB45	1555.44	61.24	-2.000%	0.00	1556.66	0.00	-2.000%	0.00	1556.66	HB45	0.0040	4.1063	0.0000	0.610	0.638	**Left**	HB45	12.00	0.00	4.50	0.25	4.75	18.000	**OK**	0.413	0.414	1.544	1.542		0.638
↑	Grade	2016+35.00	HB45	1555.46	61.27	-2.000%	0.00	1556.69	0.00	-2.000%	0.00	1556.69	HB45	0.0060	4.0993	0.0000	0.581	0.610	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.352	0.352	1.729	1.729		0.610
↑	Grade	2016+40.00	HB45	1555.48	61.30	-2.000%	0.00	1556.71	0.00	-2.000%	0.00	1556.71	HB45	0.0040	4.0923	0.0000	0.553	0.581	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.389	0.389	1.493	1.493		0.581
↑	Grade	2016+45.00	HB45	1555.51	61.33	-2.000%	0.00	1556.74	0.00	-2.000%	0.00	1556.74	HB45	0.0060	4.0852	0.0000	0.525	0.553	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.331	0.331	1.671	1.671		0.553
↑	Grade	2016+50.00	HB45	1555.53	61.36	-2.000%	0.00	1556.76	0.00	-2.000%	0.00	1556.76	HB45	0.0040	4.0782	0.0000	0.497	0.525	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.365	0.365	1.439	1.439		0.525
↑	Grade	2016+55.00	HB45	1555.56	61.39	-2.000%	0.00	1556.79	0.00	-2.000%	0.00	1556.79	HB45	0.0060	4.0712	0.0000	0.468	0.497	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.308	0.308	1.610	1.610		0.497
↑	Grade	2016+60.00	HB45	1555.58	61.42	-2.000%	0.00	1556.81	0.00	-2.000%	0.00	1556.81	HB45	0.0040	4.0641	0.0000	0.440	0.468	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.339	0.339	1.382	1.382		0.468
↑	Grade	2016+65.00	HB45	1555.61	61.44	-2.000%	0.00	1556.84	0.00	-2.000%	0.00	1556.84	HB45	0.0060	4.0571	0.0000	0.412	0.440	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.285	0.285	1.547	1.547		0.440
↑	Grade	2016+70.00	HB45	1555.63	61.47	-2.000%	0.00	1556.86	0.00	-2.000%	0.00	1556.86	HB45	0.0040	4.0500	0.0000	0.384	0.412	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.312	0.312	1.322	1.322		0.412
↑	Grade	2016+75.00	HB45	1555.66	61.50	-2.000%	0.00	1556.89	0.00	-2.000%	0.00	1556.89	HB45	0.0060	4.0430	0.0000	0.355	0.384	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	1.480	1.480		0.384
↑	Grade	2016+80.00	HB45	1555.68	61.53	-2.000%	0.00	1556.91	0.00	-2.000%	0.00	1556.91	HB45	0.0040	4.0359	0.0000	0.327	0.355	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.282	0.282	1.258	1.258		0.355
↑	Grade	2016+85.00	HB45	1555.71	61.56	-2.000%	0.00	1556.94	0.00	-2.000%	0.00	1556.94	HB45	0.0060	4.0288	0.0000	0.299	0.327	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.232	0.232	1.410	1.410		0.327

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2016+90.00	HB45	1555.73	61.59	-2.000%	0.00	1556.96	0.00	-2.000%	0.00	1556.96	HB45	0.0040	4.0218	0.0000	0.270	0.299	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.251	0.251	1.190	1.190		0.299
↑	Grade		2016+95.00	HB45	1555.76	61.62	-2.000%	0.00	1556.99	0.00	-2.000%	0.00	1556.99	HB45	0.0060	4.0147	0.0000	0.242	0.270	**Left**	HB45	12.00	0.00	4.49	0.00	4.49	18.000	**OK**	0.202	0.202	1.339	1.339		0.270
↑	Grade	**3**	2017+00.00	HB45	1555.78	61.65	-2.000%	0.00	1557.01	0.00	-2.000%	0.00	1557.01	HB45	0.0040	4.0076	0.0000	2.173	2.201	**Left**	HB45	12.00	0.00	4.50	4.89	9.39	18.000	**OK**	0.830	1.069	2.380	2.058	3	2.201
↑	Grade		2017+05.00	HB45	1555.81	61.67	-2.000%	0.00	1557.04	0.00	-2.000%	0.00	1557.04	HB45	0.0060	4.0006	0.0000	2.144	2.173	**Left**	HB45	12.00	0.00	4.50	3.93	8.43	18.000	**OK**	0.743	0.898	2.716	2.420		2.173
↑	Grade		2017+10.00	HB45	1555.83	61.70	-2.000%	0.00	1557.06	0.00	-2.000%	0.00	1557.06	HB45	0.0040	3.9935	0.0000	2.116	2.144	**Left**	HB45	12.00	0.00	4.50	4.77	9.27	18.000	**OK**	0.819	1.047	2.360	2.048		2.144
↑	Grade		2017+15.00	HB45	1555.86	61.73	-2.000%	0.00	1557.09	0.00	-2.000%	0.00	1557.09	HB45	0.0060	3.9864	0.0000	2.088	2.116	**Left**	HB45	12.00	0.00	4.50	3.81	8.31	18.000	**OK**	0.733	0.879	2.692	2.408		2.116
↑	Grade		2017+20.00	HB45	1555.87	61.76	-2.000%	0.00	1557.11	0.00	-2.000%	0.00	1557.11	HB45	0.0040	3.9793	0.0000	2.059	2.088	**Left**	HB45	12.00	0.00	4.50	4.65	9.15	18.000	**OK**	0.808	1.024	2.340	2.038		2.088
↑	Grade		2017+25.00	HB45	1555.90	61.79	-2.000%	0.00	1557.14	0.00	-2.000%	0.00	1557.14	HB45	0.0060	3.9722	0.0000	2.031	2.059	**Left**	HB45	12.00	0.00	4.50	3.70	8.20	18.000	**OK**	0.723	0.860	2.668	2.395		2.059
↑	Grade		2017+30.00	HB45	1555.92	61.82	-2.000%	0.00	1557.16	0.00	-2.000%	0.00	1557.16	HB45	0.0040	3.9651	0.0000	2.002	2.031	**Left**	HB45	12.00	0.00	4.50	4.52	9.02	18.000	**OK**	0.797	1.002	2.319	2.027		2.031
↑	Grade		2017+35.00	HB45	1555.95	61.85	-2.000%	0.00	1557.19	0.00	-2.000%	0.00	1557.19	HB45	0.0060	3.9580	0.0000	1.974	2.002	**Left**	HB45	12.00	0.00	4.50	3.58	8.08	18.000	**OK**	0.712	0.841	2.643	2.382		2.002
↑	Grade		2017+40.00	HB45	1555.97	61.87	-2.000%	0.00	1557.21	0.00	-2.000%	0.00	1557.21	HB45	0.0040	3.9509	0.0000	1.945	1.974	**Left**	HB45	12.00	0.00	4.50	4.40	8.90	18.000	**OK**	0.786	0.979	2.297	2.017		1.974
↑	Grade		2017+45.00	HB45	1556.00	61.90	-2.000%	0.00	1557.24	0.00	-2.000%	0.00	1557.24	HB45	0.0060	3.9438	0.0000	1.917	1.945	**Left**	HB45	12.00	0.00	4.50	3.46	7.96	18.000	**OK**	0.701	0.821	2.617	2.369		1.945
↑	Grade		2017+50.00	HB45	1556.02	61.93	-2.000%	0.00	1557.26	0.00	-2.000%	0.00	1557.26	HB45	0.0040	3.9367	0.0000	1.888	1.917	**Left**	HB45	12.00	0.00	4.50	4.27	8.77	18.000	**OK**	0.774	0.956	2.275	2.005		1.917
↑	Grade		2017+55.00	HB45	1556.05	61.96	-2.000%	0.00	1557.29	0.00	-2.000%	0.00	1557.29	HB45	0.0060	3.9296	0.0000	1.860	1.888	**Left**	HB45	12.00	0.00	4.50	3.34	7.84	18.000	**OK**	0.690	0.802	2.591	2.355		1.888
↑	Grade		2017+60.00	HB45	1556.07	61.99	-2.000%	0.00	1557.31	0.00	-2.000%	0.00	1557.31	HB45	0.0040	3.9225	0.0000	1.831	1.860	**Left**	HB45	12.00	0.00	4.50	4.13	8.63	18.000	**OK**	0.762	0.933	2.253	1.994		1.860
↑	Grade		2017+65.00	HB45	1556.10	62.02	-2.000%	0.00	1557.34	0.00	-2.000%	0.00	1557.34	HB45	0.0060	3.9154	0.0000	1.803	1.831	**Left**	HB45	12.00	0.00	4.50	3.21	7.71	18.000	**OK**	0.679	0.782	2.564	2.340		1.831
↑	Grade		2017+70.00	HB45	1556.12	62.05	-2.000%	0.00	1557.36	0.00	-2.000%	0.00	1557.36	HB45	0.0040	3.9083	0.0000	1.774	1.803	**Left**	HB45	12.00	0.00	4.50	4.00	8.50	18.000	**OK**	0.750	0.910	2.229	1.982		1.803
↑	Grade		2017+75.00	HB45	1556.15	62.07	-2.000%	0.00	1557.39	0.00	-2.000%	0.00	1557.39	HB45	0.0060	3.9012	0.0000	1.746	1.774	**Left**	HB45	12.00	0.00	4.50	3.09	7.59	18.000	**OK**	0.668	0.763	2.536	2.326		1.774
↑	Grade		2017+80.00	HB45	1556.17	62.10	-2.000%	0.00	1557.41	0.00	-2.000%	0.00	1557.41	HB45	0.0040	3.8941	0.0000	1.717	1.746	**Left**	HB45	12.00	0.00	4.50	3.86	8.36	18.000	**OK**	0.737	0.886	2.206	1.970		1.746
↑	Grade		2017+85.00	HB45	1556.20	62.13	-2.000%	0.00	1557.44	0.00	-2.000%	0.00	1557.44	HB45	0.0060	3.8869	0.0000	1.689	1.717	**Left**	HB45	12.00	0.00	4.50	2.96	7.46	18.000	**OK**	0.656	0.743	2.508	2.310		1.717
↑	Grade		2017+90.00	HB45	1556.22	62.16	-2.000%	0.00	1557.46	0.00	-2.000%	0.00	1557.46	HB45	0.0040	3.8798	0.0000	1.660	1.689	**Left**	HB45	12.00	0.00	4.50	3.72	8.22	18.000	**OK**	0.725	0.863	2.181	1.957		1.689
↑	Grade		2017+95.00	HB45	1556.25	62.19	-2.000%	0.00	1557.49	0.00	-2.000%	0.00	1557.49	HB45	0.0060	3.8727	0.0000	1.631	1.660	**Left**	HB45	12.00	0.00	4.50	2.82	7.32	18.000	**OK**	0.644	0.724	2.479	2.294		1.660
↑	Grade		2018+00.00	HB45	1556.27	62.22	-2.000%	0.00	1557.51	0.00	-2.000%	0.00	1557.51	HB45	0.0040	3.8655	0.0000	1.603	1.631	**Left**	HB45	12.00	0.00	4.50	3.57	8.07	18.000	**OK**	0.711	0.839	2.156	1.944		1.631
↑	Grade		2018+05.00	HB45	1556.30	62.25	-2.000%	0.00	1557.54	0.00	-2.000%	0.00	1557.54	HB45	0.0060	3.8584	0.0000	1.574	1.603	**Left**	HB45	12.00	0.00	4.50	2.69	7.19	18.000	**OK**	0.632	0.704	2.449	2.277		1.603
↑	Grade		2018+10.00	HB45	1556.31	62.28	-2.000%	0.00	1557.56	0.00	-2.000%	0.00	1557.56	HB45	0.0040	3.8512	0.0000	1.545	1.574	**Left**	HB45	12.00	0.00	4.50	3.42	7.92	18.000	**OK**	0.698	0.815	2.130	1.931		1.574
↑	Grade		2018+15.00	HB45	1556.34	62.30	-2.000%	0.00	1557.59	0.00	-2.000%	0.00	1557.59	HB45	0.0060	3.8441	0.0000	1.517	1.545	**Left**	HB45	12.00	0.00	4.50	2.55	7.05	18.000	**OK**	0.619	0.684	2.418	2.260		1.545
↑	Grade		2018+20.00	HB45	1556.36	62.33	-2.000%	0.00	1557.61	0.00	-2.000%	0.00	1557.61	HB45	0.0040	3.8369	0.0000	1.488	1.517	**Left**	HB45	12.00	0.00	4.50	3.27	7.77	18.000	**OK**	0.684	0.791	2.104	1.916		1.517
↑	Grade		2018+25.00	HB45	1556.39	62.36	-2.000%	0.00	1557.64	0.00	-2.000%	0.00	1557.64	HB45	0.0060	3.8298	0.0000	1.459	1.488	**Left**	HB45	12.00	0.00	4.50	2.40	6.90	18.000	**OK**	0.606	0.664	2.387	2.241		1.488
↑	Grade		2018+30.00	HB45	1556.41	62.39	-2.000%	0.00	1557.66	0.00	-2.000%	0.00	1557.66	HB45	0.0040	3.8226	0.0000	1.431	1.459	**Left**	HB45	12.00	0.00	4.50	3.12	7.62	18.000	**OK**	0.670	0.767	2.076	1.902		1.459
↑	Grade		2018+35.00	HB45	1556.44	62.42	-2.000%	0.00	1557.69	0.00	-2.000%	0.00	1557.69	HB45	0.0060	3.8155	0.0000	1.402	1.431	**Left**	HB45	12.00	0.00	4.50	2.25	6.75	18.000	**OK**	0.593	0.644	2.354	2.222		1.431
↑	Grade		2018+40.00	HB45	1556.46	62.45	-2.000%	0.00	1557.71	0.00	-2.000%	0.00	1557.71	HB45	0.0040	3.8083	0.0000	1.373	1.402	**Left**	HB45	12.00	0.00	4.50	2.95	7.45	18.000	**OK**	0.656	0.743	2.048	1.886		1.402
↑	Grade		2018+45.00	HB45	1556.49	62.48	-2.000%	0.00	1557.74	0.00	-2.000%	0.00	1557.74	HB45	0.0060	3.8011	0.0000	1.344	1.373	**Left**	HB45	12.00	0.00	4.50	2.10	6.60	18.000	**OK**	0.579	0.624	2.320	2.202		1.373
↑	Grade		2018+50.00	HB45	1556.51	62.50	-2.000%	0.00	1557.76	0.00	-2.000%	0.00	1557.76	HB45	0.0040	3.7940	0.0000	1.316	1.344	**Left**	HB45	12.00	0.00	4.50	2.79	7.29	18.000	**OK**	0.641	0.719	2.018	1.870		1.344
↑	Grade		2018+55.00	HB45	1556.54	62.53	-2.000%	0.00	1557.79	0.00	-2.000%	0.00	1557.79	HB45	0.0060	3.7868	0.0000	1.287	1.316	**Left**	HB45	12.00	0.00	4.50	1.95	6.45	18.000	**OK**	0.565	0.603	2.285	2.181		1.316
↑	Grade		2018+60.00	HB45	1556.56	62.56	-2.000%	0.00	1557.81	0.00	-2.000%	0.00	1557.81	HB45	0.0040	3.7796	0.0000	1.258	1.287	**Left**	HB45	12.00	0.00	4.50	2.62	7.12	18.000	**OK**	0.626	0.695	1.988	1.853		1.287
↑	Grade		2018+65.00	HB45	1556.59	62.59	-2.000%	0.00	1557.84	0.00	-2.000%	0.00	1557.84	HB45	0.0060	3.7724	0.0000	1.229	1.258	**Left**	HB45	12.00	0.00	4.50	1.79	6.29	18.000	**OK**	0.551	0.583	2.249	2.158		1.258
↑	Grade		2018+70.00	HB45	1556.61	62.62	-2.000%	0.00	1557.86	0.00	-2.000%	0.00	1557.86	HB45	0.0040	3.7653	0.0000	1.201	1.229	**Left**	HB45	12.00	0.00	4.50	2.45	6.95	18.000	**OK**	0.610	0.670	1.957	1.835		1.229
↑	Grade		2018+75.00	HB45	1556.64	62.65	-2.000%	0.00	1557.89	0.00	-2.000%	0.00	1557.89	HB45	0.0060	3.7581	0.0000	1.172	1.201	**Left**	HB45	12.00	0.00	4.50	1.62	6.12	18.000	**OK**	0.536	0.563	2.212	2.134		1.201
↑	Grade		2018+80.00	HB45	1556.66	62.68	-2.000%	0.00	1557.91	0.00	-2.000%	0.00	1557.91	HB45	0.0040	3.7509	0.0000	1.143	1.172	**Left**	HB45	12.00	0.00	4.50	2.27	6.77	18.000	**OK**	0.594	0.645	1.924	1.816		1.172
↑	Grade		2018+85.00	HB45	1556.69	62.70	-2.000%	0.00	1557.94	0.00	-2.000%	0.00	1557.94	HB45	0.0060	3.7437	0.0000	1.114	1.143	**Left**	HB45	12.00	0.00	4.50	1.46	5.96	18.000	**OK**	0.521	0.542	2.173	2.108		1.143
↑	Grade		2018+90.00	HB45	1556.71	62.73	-2.000%	0.00	1557.96	0.00	-2.000%	0.00	1557.96	HB45	0.0040	3.7365	0.0000	1.085	1.114	**Left**	HB45	12.00	0.00	4.50	2.08	6.58	18.000	**OK**	0.577	0.621	1.890	1.795		1.114
↑	Grade		2018+95.00	HB45	1556.73	62.76	-2.000%	0.00	1557.99	0.00	-2.000%	0.00	1557.99	HB45	0.0060	3.7293	0.0000	1.056	1.085	**Left**	HB45	12.00	0.00	4.50	1.28	5.78	18.000	**OK**	0.505	0.522	2.133	2.080		1.085
↑	Grade		2019+00.00	HB45	1556.75	62.79	-2.000%	0.00	1558.01	0.00	-2.000%	0.00	1558.01	HB45	0.0040	3.7221	0.0000	1.027	1.056	**Left**	HB45	12.00	0.00	4.50	1.89	6.39	18.000	**OK**	0.560	0.596	1.855	1.774		1.056
↑	Grade		2019+05.00	HB45	1556.78	62.82	-2.000%	0.00	1558.04	0.00	-2.000%	0.00	1558.04	HB45	0.0060	3.7149	0.0000	0.999	1.027	**Left**	HB45	12.00	0.00	4.50	1.10	5.60	18.000	**OK**	0.489	0.501	2.091	2.051		1.027
↑	Grade		2019+10.00	HB45	1556.80	62.85	-2.000%	0.00	1558.06	0.00	-2.000%	0.00	1558.06	HB45	0.0040	3.7077	0.0000	0.970	0.999	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.542	0.571	1.818	1.750		0.999
↑	Grade		2019+15.00	HB45	1556.83	62.88	-2.000%	0.00	1558.09	0.00	-2.000%	0.00	1558.09	HB45	0.0060	3.7005	0.0000	0.941	0.970	**Left**	HB45	12.00	0.00	4.50	0.91	5.41	18.000	**OK**	0.472	0.480	2.047	2.018		0.970
↑	Grade		2019+20.00	HB45	1556.85	62.90	-2.000%	0.00	1558.11	0.00	-2.000%	0.00	1558.11	HB45	0.0040	3.6933	0.0000	0.912	0.941	**Left**	HB45	12.00	0.00	4.50	1.48	5.98	18.000	**OK**	0.523	0.545	1.779	1.725		0.941
↑	Grade		2019+25.00	HB45	1556.88	62.93	-2.000%	0.00	1558.14	0.00	-2.000%	0.00	1558.14	HB45	0.0060	3.6860	0.0000	0.883	0.912	**Left**	HB45	12.00	0.00	4.50	0.72	5.22	18.000	**OK**	0.455	0.460	2.002	1.983		0.912
↑	Grade		2019+30.00	HB45	1556.90	62.96	-2.000%	0.00	1558.16	0.00	-2.000%	0.00	1558.16	HB45	0.0040	3.6788	0.0000	0.854	0.883	**Left**	HB45	12.00	0.00	4.50	1.27	5.77	18.000	**OK**	0.504	0.520	1.739	1.697		0.883
↑	Grade		2019+35.00	HB45	1556.93	62.99	-2.000%	0.00	1558.19	0.00	-2.000%	0.00	1558.19	HB45	0.0060	3.6716	0.0000	0.825	0.854	**Left**	HB45	12.00	0.00	4.50	0.52	5.02	18.000	**OK**	0.437	0.439	1.954	1.944		0.854
↑	Grade		2019+40.00	HB45	1556.95	63.02	-2.000%	0.00	1558.21	0.00	-2.000%	0.00	1558.21	HB45	0.0040	3.6644	0.0000	0.796	0.825	**Left**	HB45	12.00	0.00	4.50	1.04	5.54	18.000	**OK**	0.484	0.495	1.697	1.667		0.825
↑	Grade		2019+45.00	HB45	1556.98	63.05	-2.000%	0.00	1558.24	0.00	-2.000%	0.00	1558.24	HB45	0.0060	3.6571	0.0000	0.767	0.796	**Left**	HB45	12.00	0.00	4.50	0.31	4.81	18.000	**OK**	0.418	0.419	1.904	1.900		0.796
↑	Grade		2019+50.00	HB45	1557.00	63.08	-2.000%	0.00	1558.26	0.00	-2.000%	0.00	1558.26	HB45	0.0040	3.6499	0.0000	0.738	0.767	**Left**	HB45	12.00	0.00	4.50	0.81	5.31	18.000	**OK**	0.463	0.470	1.652	1.633		0.767
↑	Grade		2019+55.00	HB45	1557.03	63.11	-2.000%	0.00	1558.29	0.00	-2.000%	0.00	1558.29	HB45	0.0060	3.6427	0.0000	0.709	0.738	**Left**	HB45	12.00	0.00	4.50	0.09	4.59	18.000	**OK**	0.398	0.398	1.852	1.852		0.738
↑	Grade		2019+60.00	HB45	1557.05	63.13	-2.000%	0.00	1558.31	0.00	-2.000%	0.00	1558.31	HB45	0.0040	3.6354	0.0000	0.680	0.709	**Left**	HB45	12.00	0.00	4.50	0.57	5.07	18.000	**OK**	0.441	0.444	1.605	1.595		0.709
↑	Grade		2019+65.00	HB45	1557.08	63.16	-2.000%	0.00	1558.34	0.00	-2.000%	0.00	1558.34	HB45	0.0060	3.6282	0.0000	0.651	0.680	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.378	0.378	1.798	1.798		0.680
↑	Grade		2019+70.00	HB45	1557.10	63.19	-2.000%	0.00	1558.36	0.00	-2.000%	0.00	1558.36	HB45	0.0040	3.6209	0.0000	0.622	0.651	**Left**	HB45	12.00	0.00	4.50	0.31	4.81	18.000	**OK**	0.418	0.419	1.556	1.552		0.651
↑	Grade		2019+75.00	HB45	1557.13	63.22	-2.000%	0.00	1558.39	0.00	-2.000%	0.00	1558.39	HB45	0.0060	3.6137	0.0000	0.593	0.622	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.357	0.357	1.741	1.741		0.622
↑	Grade		2019+80.00	HB45	1557.15	63.25	-2.000%	0.00	1558.41	0.00	-2.000%	0.00	1558.41	HB45	0.0040	3.6064	0.0000	0.563	0.593	**Left**	HB45	12.00	0.00	4.50	0.05	4.55	18.000	**OK**	0.394	0.394	1.503	1.503		0.593
↑	Grade		2019+85.00	HB45	1557.17	63.28	-2.000%	0.00	1558.44	0.00	-2.000%	0.00	1558.44	HB45	0.0060	3.5992	0.0000	0.534	0.563	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.335	0.335	1.682	1.682		0.563
↑	Grade		2019+90.00	HB45	1557.19	63.31	-2.000%	0.00	1558.46	0.00	-2.000%	0.00	1558.46	HB45	0.0040	3.5919	0.0000	0.505	0.534	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.369	0.369	1.448	1.448		0.534
↑	Grade		2019+95.00	HB45	1557.22	63.33	-2.000%	0.00	1558.49	0.00	-2.000%	0.00	1558.49	HB45	0.0060	3.5846	0.0000	0.476	0.505	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.312	0.312	1.620	1.620		0.505
↑	Grade		2020+00.00	HB45	1557.24	63.36	-2.000%	0.00	1558.51	0.00	-2.000%	0.00	1558.51	HB45	0.0040	3.5774	0.0000	0.447	0.476	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	1.390	1.390		0.476
↑	Grade		2020+05.00	HB45	1557.27	63.39	-2.000%	0.00	1558.54	0.00	-2.000%	0.00	1558.54	HB45	0.0060	3.5701	0.0000	0.418	0.447	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.288	0.288	1.554	1.554		0.447
↑	Grade		2020+10.00	HB45	1557.29	63.42	-2.000%	0.00	1558.56	0.00	-2.000%	0.00	1558.56	HB45	0.0040	3.5628	0.0000	0.389	0.418	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.315	0.315	1.328	1.328		0.418
↑	Grade		2020+15.00	HB45	1557.32	63.45	-2.000%	0.00	1558.59	0.00	-2.000%	0.00	1558.59	HB45	0.0060	3.5555	0.0000	0.359	0.389	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.262	0.262	1.486	1.486		0.389
↑	Grade		2020+20.00	HB45	1557.34	63.48	-2.000%	0.00	1558.61	0.00	-2.000%	0.00	1558.61	HB45	0.0040	3.5483	0.0000	0.330	0.359	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.285	0.285	1.263	1.263		0.359
↑	Grade		2020+25.00	HB45	1557.37	63.51	-2.000%	0.00	1558.64	0.00	-2.000%	0.00	1558.64	HB45	0.0060	3.5410	0.0000	0.301	0.330	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.234	0.234	1.414	1.414		0.330
↑	Grade		2020+30.00	HB45	1557.39	63.53	-2.000%	0.00	1558.66	0.00	-2.000%	0.00	1558.66	HB45	0.0040	3.5337	0.0000	0.272	0.301	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.252	0.252	1.193	1.193		0.301
↑	Grade		2020+35.00	HB45	1557.42	63.56	-2.000%	0.00	1558.69	0.00	-2.000%	0.00	1558.69	HB45	0.0060	3.5264	0.0000	0.243	0.272	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.203	0.203	1.341	1.341		0.272
↑	Grade		2020+40.00	HB45	1557.44	63.59	-2.000%	0.00	1558.71	0.00	-2.000%	0.00	1558.71	HB45	0.0040	3.5191	0.0000	0.213	0.243	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.216	0.216	1.120	1.120		0.243
↑	Grade		2020+45.00	HB45	1557.47	63.62	-2.000%	0.00	1558.74	0.00	-2.000%	0.00	1558.74	HB45	0.0060	3.5118	0.0000	0.184	0.213	**Left**	HB45	12.00	0.00	4.11	0.00	4.11	18.000	**OK**	0.169	0.169	1.262	1.262		0.213
↑	Grade	**3**	2020+50.00	HB45	1557.49	63.65	-2.000%	0.00	1558.76	0.00	-2.000%	0.00	1558.76	HB45	0.0040	3.5045	0.0000	1.949	1.978	**Left**	HB45	12.00	0.00	4.50	4.40	8.90	18.000	**OK**	0.786	0.980	2.299	2.017	3	1.978
↑	Grade		2020+55.00	HB45	1557.52	63.68	-2.000%	0.00	1558.79	0.00	-2.000%	0.00	1558.79	HB45	0.0060	3.4972	0.0000	1.919	1.949	**Left**	HB45	12.00	0.00	4.50	3.47	7.97	18.000	**OK**	0.702	0.822	2.619	2.370		1.949

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2020+60.00	HB45	1557.54	63.71	-2.000%	0.00	1558.81	0.00	-2.000%	0.00	1558.81	HB45	0.0040	3.4899	0.0000	1.890	1.919	**Left**	HB45	12.00	0.00	4.50	4.27	8.77	18.000	**OK**	0.774	0.957	2.276	2.006		1.919
↑	Grade		2020+65.00	HB45	1557.57	63.74	-2.000%	0.00	1558.84	0.00	-2.000%	0.00	1558.84	HB45	0.0060	3.4826	0.0000	1.861	1.890	**Left**	HB45	12.00	0.00	4.50	3.34	7.84	18.000	**OK**	0.691	0.803	2.592	2.355		1.890
↑	Grade		2020+70.00	HB45	1557.58	63.76	-2.000%	0.00	1558.86	0.00	-2.000%	0.00	1558.86	HB45	0.0040	3.4753	0.0000	1.831	1.861	**Left**	HB45	12.00	0.00	4.50	4.13	8.63	18.000	**OK**	0.762	0.933	2.253	1.994		1.861
↑	Grade		2020+75.00	HB45	1557.61	63.79	-2.000%	0.00	1558.89	0.00	-2.000%	0.00	1558.89	HB45	0.0060	3.4679	0.0000	1.802	1.831	**Left**	HB45	12.00	0.00	4.50	3.21	7.71	18.000	**OK**	0.679	0.783	2.564	2.340		1.831
↑	Grade		2020+80.00	HB45	1557.63	63.82	-2.000%	0.00	1558.91	0.00	-2.000%	0.00	1558.91	HB45	0.0040	3.4606	0.0000	1.773	1.802	**Left**	HB45	12.00	0.00	4.50	4.00	8.50	18.000	**OK**	0.750	0.909	2.229	1.982		1.802
↑	Grade		2020+85.00	HB45	1557.66	63.85	-2.000%	0.00	1558.94	0.00	-2.000%	0.00	1558.94	HB45	0.0060	3.4533	0.0000	1.743	1.773	**Left**	HB45	12.00	0.00	4.50	3.08	7.58	18.000	**OK**	0.667	0.762	2.536	2.325		1.773
↑	Grade		2020+90.00	HB45	1557.68	63.88	-2.000%	0.00	1558.96	0.00	-2.000%	0.00	1558.96	HB45	0.0040	3.4460	0.0000	1.714	1.743	**Left**	HB45	12.00	0.00	4.50	3.85	8.35	18.000	**OK**	0.737	0.885	2.205	1.969		1.743
↑	Grade		2020+95.00	HB45	1557.71	63.91	-2.000%	0.00	1558.99	0.00	-2.000%	0.00	1558.99	HB45	0.0060	3.4386	0.0000	1.685	1.714	**Left**	HB45	12.00	0.00	4.50	2.95	7.45	18.000	**OK**	0.655	0.742	2.507	2.309		1.714
↑	Grade		2021+00.00	HB45	1557.73	63.94	-2.000%	0.00	1559.01	0.00	-2.000%	0.00	1559.01	HB45	0.0040	3.4313	0.0000	1.655	1.685	**Left**	HB45	12.00	0.00	4.50	3.71	8.21	18.000	**OK**	0.724	0.861	2.180	1.956		1.685
↑	Grade		2021+05.00	HB45	1557.76	63.96	-2.000%	0.00	1559.04	0.00	-2.000%	0.00	1559.04	HB45	0.0060	3.4240	0.0000	1.626	1.655	**Left**	HB45	12.00	0.00	4.50	2.81	7.31	18.000	**OK**	0.643	0.722	2.477	2.293		1.655
↑	Grade		2021+10.00	HB45	1557.78	63.99	-2.000%	0.00	1559.06	0.00	-2.000%	0.00	1559.06	HB45	0.0040	3.4166	0.0000	1.596	1.626	**Left**	HB45	12.00	0.00	4.50	3.56	8.06	18.000	**OK**	0.710	0.837	2.154	1.943		1.626
↑	Grade		2021+15.00	HB45	1557.81	64.02	-2.000%	0.00	1559.09	0.00	-2.000%	0.00	1559.09	HB45	0.0060	3.4093	0.0000	1.567	1.596	**Left**	HB45	12.00	0.00	4.50	2.67	7.17	18.000	**OK**	0.630	0.702	2.446	2.275		1.596
↑	Grade		2021+20.00	HB45	1557.83	64.05	-2.000%	0.00	1559.11	0.00	-2.000%	0.00	1559.11	HB45	0.0040	3.4019	0.0000	1.537	1.567	**Left**	HB45	12.00	0.00	4.50	3.40	7.90	18.000	**OK**	0.696	0.812	2.127	1.929		1.567
↑	Grade		2021+25.00	HB45	1557.86	64.08	-2.000%	0.00	1559.14	0.00	-2.000%	0.00	1559.14	HB45	0.0060	3.3946	0.0000	1.508	1.537	**Left**	HB45	12.00	0.00	4.50	2.53	7.03	18.000	**OK**	0.617	0.681	2.414	2.257		1.537
↑	Grade		2021+30.00	HB45	1557.88	64.11	-2.000%	0.00	1559.16	0.00	-2.000%	0.00	1559.16	HB45	0.0040	3.3872	0.0000	1.478	1.508	**Left**	HB45	12.00	0.00	4.50	3.25	7.75	18.000	**OK**	0.682	0.788	2.099	1.914		1.508
↑	Grade		2021+35.00	HB45	1557.91	64.14	-2.000%	0.00	1559.19	0.00	-2.000%	0.00	1559.19	HB45	0.0060	3.3799	0.0000	1.449	1.478	**Left**	HB45	12.00	0.00	4.50	2.38	6.88	18.000	**OK**	0.604	0.660	2.381	2.238		1.478
↑	Grade		2021+40.00	HB45	1557.93	64.16	-2.000%	0.00	1559.21	0.00	-2.000%	0.00	1559.21	HB45	0.0040	3.3725	0.0000	1.419	1.449	**Left**	HB45	12.00	0.00	4.50	3.09	7.59	18.000	**OK**	0.668	0.763	2.071	1.899		1.449
↑	Grade		2021+45.00	HB45	1557.96	64.19	-2.000%	0.00	1559.24	0.00	-2.000%	0.00	1559.24	HB45	0.0060	3.3652	0.0000	1.390	1.419	**Left**	HB45	12.00	0.00	4.50	2.23	6.73	18.000	**OK**	0.590	0.640	2.347	2.218		1.419
↑	Grade		2021+50.00	HB45	1557.98	64.22	-2.000%	0.00	1559.26	0.00	-2.000%	0.00	1559.26	HB45	0.0040	3.3578	0.0000	1.360	1.390	**Left**	HB45	12.00	0.00	4.50	2.92	7.42	18.000	**OK**	0.653	0.738	2.042	1.883		1.390
↑	Grade		2021+55.00	HB45	1558.00	64.25	-2.000%	0.00	1559.29	0.00	-2.000%	0.00	1559.29	HB45	0.0060	3.3504	0.0000	1.331	1.360	**Left**	HB45	12.00	0.00	4.50	2.07	6.57	18.000	**OK**	0.576	0.619	2.312	2.197		1.360
↑	Grade		2021+60.00	HB45	1558.02	64.28	-2.000%	0.00	1559.31	0.00	-2.000%	0.00	1559.31	HB45	0.0040	3.3430	0.0000	1.301	1.331	**Left**	HB45	12.00	0.00	4.50	2.75	7.25	18.000	**OK**	0.638	0.713	2.011	1.866		1.331
↑	Grade		2021+65.00	HB45	1558.05	64.31	-2.000%	0.00	1559.34	0.00	-2.000%	0.00	1559.34	HB45	0.0060	3.3357	0.0000	1.272	1.301	**Left**	HB45	12.00	0.00	4.50	1.91	6.41	18.000	**OK**	0.562	0.598	2.276	2.175		1.301
↑	Grade		2021+70.00	HB45	1558.07	64.34	-2.000%	0.00	1559.36	0.00	-2.000%	0.00	1559.36	HB45	0.0040	3.3283	0.0000	1.242	1.272	**Left**	HB45	12.00	0.00	4.50	2.57	7.07	18.000	**OK**	0.622	0.688	1.980	1.848		1.272
↑	Grade		2021+75.00	HB45	1558.10	64.37	-2.000%	0.00	1559.39	0.00	-2.000%	0.00	1559.39	HB45	0.0060	3.3209	0.0000	1.212	1.242	**Left**	HB45	12.00	0.00	4.50	1.74	6.24	18.000	**OK**	0.547	0.577	2.239	2.151		1.242
↑	Grade		2021+80.00	HB45	1558.12	64.39	-2.000%	0.00	1559.41	0.00	-2.000%	0.00	1559.41	HB45	0.0040	3.3135	0.0000	1.183	1.212	**Left**	HB45	12.00	0.00	4.50	2.39	6.89	18.000	**OK**	0.605	0.663	1.947	1.829		1.212
↑	Grade		2021+85.00	HB45	1558.15	64.42	-2.000%	0.00	1559.44	0.00	-2.000%	0.00	1559.44	HB45	0.0060	3.3061	0.0000	1.153	1.183	**Left**	HB45	12.00	0.00	4.50	1.57	6.07	18.000	**OK**	0.532	0.556	2.200	2.126		1.183
↑	Grade		2021+90.00	HB45	1558.17	64.45	-2.000%	0.00	1559.46	0.00	-2.000%	0.00	1559.46	HB45	0.0040	3.2987	0.0000	1.123	1.153	**Left**	HB45	12.00	0.00	4.50	2.21	6.71	18.000	**OK**	0.589	0.637	1.913	1.809		1.153
↑	Grade		2021+95.00	HB45	1558.20	64.48	-2.000%	0.00	1559.49	0.00	-2.000%	0.00	1559.49	HB45	0.0060	3.2913	0.0000	1.094	1.123	**Left**	HB45	12.00	0.00	4.50	1.40	5.90	18.000	**OK**	0.516	0.535	2.159	2.099		1.123
↑	Grade		2022+00.00	HB45	1558.22	64.51	-2.000%	0.00	1559.51	0.00	-2.000%	0.00	1559.51	HB45	0.0040	3.2839	0.0000	1.064	1.094	**Left**	HB45	12.00	0.00	4.50	2.01	6.51	18.000	**OK**	0.571	0.612	1.878	1.788		1.094
↑	Grade		2022+05.00	HB45	1558.25	64.54	-2.000%	0.00	1559.54	0.00	-2.000%	0.00	1559.54	HB45	0.0060	3.2765	0.0000	1.034	1.064	**Left**	HB45	12.00	0.00	4.50	1.21	5.71	18.000	**OK**	0.499	0.514	2.117	2.070		1.064
↑	Grade		2022+10.00	HB45	1558.27	64.57	-2.000%	0.00	1559.56	0.00	-2.000%	0.00	1559.56	HB45	0.0040	3.2691	0.0000	1.005	1.034	**Left**	HB45	12.00	0.00	4.50	1.81	6.31	18.000	**OK**	0.553	0.586	1.841	1.765		1.034
↑	Grade		2022+15.00	HB45	1558.30	64.59	-2.000%	0.00	1559.59	0.00	-2.000%	0.00	1559.59	HB45	0.0060	3.2617	0.0000	0.975	1.005	**Left**	HB45	12.00	0.00	4.50	1.03	5.53	18.000	**OK**	0.482	0.493	2.074	2.038		1.005
↑	Grade		2022+20.00	HB45	1558.32	64.62	-2.000%	0.00	1559.61	0.00	-2.000%	0.00	1559.61	HB45	0.0040	3.2543	0.0000	0.945	0.975	**Left**	HB45	12.00	0.00	4.50	1.61	6.11	18.000	**OK**	0.535	0.560	1.802	1.740		0.975
↑	Grade		2022+25.00	HB45	1558.35	64.65	-2.000%	0.00	1559.64	0.00	-2.000%	0.00	1559.64	HB45	0.0060	3.2469	0.0000	0.916	0.945	**Left**	HB45	12.00	0.00	4.50	0.83	5.33	18.000	**OK**	0.465	0.472	2.028	2.004		0.945
↑	Grade		2022+30.00	HB45	1558.37	64.68	-2.000%	0.00	1559.66	0.00	-2.000%	0.00	1559.66	HB45	0.0040	3.2395	0.0000	0.886	0.916	**Left**	HB45	12.00	0.00	4.50	1.39	5.89	18.000	**OK**	0.515	0.534	1.762	1.713		0.916
↑	Grade		2022+35.00	HB45	1558.40	64.71	-2.000%	0.00	1559.69	0.00	-2.000%	0.00	1559.69	HB45	0.0060	3.2321	0.0000	0.856	0.886	**Left**	HB45	12.00	0.00	4.50	0.63	5.13	18.000	**OK**	0.447	0.451	1.980	1.966		0.886
↑	Grade		2022+40.00	HB45	1558.42	64.74	-2.000%	0.00	1559.71	0.00	-2.000%	0.00	1559.71	HB45	0.0040	3.2246	0.0000	0.826	0.856	**Left**	HB45	12.00	0.00	4.50	1.17	5.67	18.000	**OK**	0.495	0.509	1.720	1.683		0.856
↑	Grade		2022+45.00	HB45	1558.44	64.77	-2.000%	0.00	1559.74	0.00	-2.000%	0.00	1559.74	HB45	0.0060	3.2172	0.0000	0.796	0.826	**Left**	HB45	12.00	0.00	4.50	0.42	4.92	18.000	**OK**	0.428	0.430	1.931	1.924		0.826
↑	Grade		2022+50.00	HB45	1558.46	64.79	-2.000%	0.00	1559.76	0.00	-2.000%	0.00	1559.76	HB45	0.0040	3.2098	0.0000	0.767	0.796	**Left**	HB45	12.00	0.00	4.50	0.93	5.43	18.000	**OK**	0.474	0.483	1.675	1.650		0.796
↑	Grade		2022+55.00	HB45	1558.49	64.82	-2.000%	0.00	1559.79	0.00	-2.000%	0.00	1559.79	HB45	0.0060	3.2023	0.0000	0.737	0.767	**Left**	HB45	12.00	0.00	4.50	0.20	4.70	18.000	**OK**	0.408	0.408	1.878	1.877		0.767
↑	Grade		2022+60.00	HB45	1558.51	64.85	-2.000%	0.00	1559.81	0.00	-2.000%	0.00	1559.81	HB45	0.0040	3.1949	0.0000	0.707	0.737	**Left**	HB45	12.00	0.00	4.50	0.69	5.19	18.000	**OK**	0.452	0.457	1.628	1.614		0.737
↑	Grade		2022+65.00	HB45	1558.54	64.88	-2.000%	0.00	1559.84	0.00	-2.000%	0.00	1559.84	HB45	0.0060	3.1874	0.0000	0.677	0.707	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.388	0.388	1.824	1.824		0.707
↑	Grade		2022+70.00	HB45	1558.56	64.91	-2.000%	0.00	1559.86	0.00	-2.000%	0.00	1559.86	HB45	0.0040	3.1800	0.0000	0.647	0.677	**Left**	HB45	12.00	0.00	4.50	0.43	4.93	18.000	**OK**	0.429	0.431	1.578	1.572		0.677
↑	Grade		2022+75.00	HB45	1558.59	64.94	-2.000%	0.00	1559.89	0.00	-2.000%	0.00	1559.89	HB45	0.0060	3.1726	0.0000	0.617	0.647	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.366	0.366	1.767	1.767		0.647
↑	Grade		2022+80.00	HB45	1558.61	64.97	-2.000%	0.00	1559.91	0.00	-2.000%	0.00	1559.91	HB45	0.0040	3.1651	0.0000	0.587	0.617	**Left**	HB45	12.00	0.00	4.50	0.16	4.66	18.000	**OK**	0.405	0.405	1.526	1.525		0.617
↑	Grade		2022+85.00	HB45	1558.64	64.99	-2.000%	0.00	1559.94	0.00	-2.000%	0.00	1559.94	HB45	0.0060	3.1576	0.0000	0.558	0.587	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.344	0.344	1.707	1.707		0.587
↑	Grade		2022+90.00	HB45	1558.66	65.02	-2.000%	0.00	1559.96	0.00	-2.000%	0.00	1559.96	HB45	0.0040	3.1502	0.0000	0.528	0.558	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.379	0.379	1.471	1.471		0.558
↑	Grade		2022+95.00	HB45	1558.69	65.05	-2.000%	0.00	1559.99	0.00	-2.000%	0.00	1559.99	HB45	0.0060	3.1427	0.0000	0.498	0.528	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.321	0.321	1.644	1.644		0.528
↑	Grade		2023+00.00	HB45	1558.71	65.08	-2.000%	0.00	1560.01	0.00	-2.000%	0.00	1560.01	HB45	0.0040	3.1353	0.0000	0.468	0.498	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.352	0.352	1.412	1.412		0.498
↑	Grade		2023+05.00	HB45	1558.74	65.11	-2.000%	0.00	1560.04	0.00	-2.000%	0.00	1560.04	HB45	0.0060	3.1278	0.0000	0.438	0.468	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.296	0.296	1.578	1.578		0.468
↑	Grade		2023+10.00	HB45	1558.76	65.14	-2.000%	0.00	1560.06	0.00	-2.000%	0.00	1560.06	HB45	0.0040	3.1203	0.0000	0.408	0.438	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.324	0.324	1.350	1.350		0.438
↑	Grade		2023+15.00	HB45	1558.79	65.17	-2.000%	0.00	1560.09	0.00	-2.000%	0.00	1560.09	HB45	0.0060	3.1128	0.0000	0.378	0.408	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.270	0.270	1.509	1.509		0.408
↑	Grade		2023+20.00	HB45	1558.81	65.20	-2.000%	0.00	1560.11	0.00	-2.000%	0.00	1560.11	HB45	0.0040	3.1054	0.0000	0.348	0.378	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.294	0.294	1.284	1.284		0.378
↑	Grade		2023+25.00	HB45	1558.84	65.22	-2.000%	0.00	1560.14	0.00	-2.000%	0.00	1560.14	HB45	0.0060	3.0979	0.0000	0.318	0.348	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.242	0.242	1.436	1.436		0.348
↑	Grade		2023+30.00	HB45	1558.85	65.25	-2.000%	0.00	1560.16	0.00	-2.000%	0.00	1560.16	HB45	0.0040	3.0904	0.0000	0.288	0.318	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.262	0.262	1.214	1.214		0.318
↑	Grade		2023+35.00	HB45	1558.88	65.28	-2.000%	0.00	1560.19	0.00	-2.000%	0.00	1560.19	HB45	0.0060	3.0829	0.0000	0.258	0.288	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.212	0.212	1.361	1.361		0.288
↑	Grade		2023+40.00	HB45	1558.90	65.31	-2.000%	0.00	1560.21	0.00	-2.000%	0.00	1560.21	HB45	0.0040	3.0754	0.0000	0.228	0.258	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.226	0.226	1.140	1.140		0.258
↑	Grade		2023+45.00	HB45	1558.93	65.34	-2.000%	0.00	1560.24	0.00	-2.000%	0.00	1560.24	HB45	0.0060	3.0679	0.0000	0.198	0.228	**Left**	HB45	12.00	0.00	4.21	0.00	4.21	18.000	**OK**	0.178	0.178	1.283	1.283		0.228
↑	Grade	**3**	2023+50.00	HB45	1558.95	65.37	-2.000%	0.00	1560.26	0.00	-2.000%	0.00	1560.26	HB45	0.0040	3.0604	0.0000	2.003	2.033	**Left**	HB45	12.00	0.00	4.50	4.53	9.03	18.000	**OK**	0.797	1.002	2.320	2.028	3	2.033
↑	Grade		2023+55.00	HB45	1558.98	65.40	-2.000%	0.00	1560.29	0.00	-2.000%	0.00	1560.29	HB45	0.0060	3.0529	0.0000	1.973	2.003	**Left**	HB45	12.00	0.00	4.50	3.58	8.08	18.000	**OK**	0.712	0.841	2.643	2.382		2.003
↑	Grade		2023+60.00	HB45	1559.00	65.42	-2.000%	0.00	1560.31	0.00	-2.000%	0.00	1560.31	HB45	0.0040	3.0454	0.0000	1.943	1.973	**Left**	HB45	12.00	0.00	4.50	4.39	8.89	18.000	**OK**	0.785	0.978	2.297	2.016		1.973
↑	Grade		2023+65.00	HB45	1559.03	65.45	-2.000%	0.00	1560.34	0.00	-2.000%	0.00	1560.34	HB45	0.0060	3.0379	0.0000	1.912	1.943	**Left**	HB45	12.00	0.00	4.50	3.45	7.95	18.000	**OK**	0.701	0.820	2.616	2.368		1.943
↑	Grade		2023+70.00	HB45	1559.05	65.48	-2.000%	0.00	1560.36	0.00	-2.000%	0.00	1560.36	HB45	0.0040	3.0304	0.0000	1.882	1.912	**Left**	HB45	12.00	0.00	4.50	4.25	8.75	18.000	**OK**	0.773	0.954	2.273	2.005		1.912
↑	Grade		2023+75.00	HB45	1559.08	65.51	-2.000%	0.00	1560.39	0.00	-2.000%	0.00	1560.39	HB45	0.0060	3.0229	0.0000	1.852	1.882	**Left**	HB45	12.00	0.00	4.50	3.33	7.83	18.000	**OK**	0.689	0.800	2.588	2.353		1.882
↑	Grade		2023+80.00	HB45	1559.10	65.54	-2.000%	0.00	1560.41	0.00	-2.000%	0.00	1560.41	HB45	0.0040	3.0154	0.0000	1.822	1.852	**Left**	HB45	12.00	0.00	4.50	4.11	8.61	18.000	**OK**	0.760	0.930	2.250	1.992		1.852
↑	Grade		2023+85.00	HB45	1559.13	65.57	-2.000%	0.00	1560.44	0.00	-2.000%	0.00	1560.44	HB45	0.0060	3.0078	0.0000	1.792	1.822	**Left**	HB45	12.00	0.00	4.50	3.19	7.69	18.000	**OK**	0.677	0.779	2.559	2.338		1.822
↑	Grade		2023+90.00	HB45	1559.15	65.60	-2.000%	0.00	1560.46	0.00	-2.000%	0.00	1560.46	HB45	0.0040	3.0003	0.0000	1.762	1.792	**Left**	HB45	12.00	0.00	4.50	3.97	8.47	18.000	**OK**	0.747	0.905	2.225	1.980		1.792
↑	Grade		2023+95.00	HB45	1559.18	65.62	-2.000%	0.00	1560.49	0.00	-2.000%	0.00	1560.49	HB45	0.0060	2.9928	0.0000	1.731	1.762	**Left**	HB45	12.00	0.00	4.50	3.06	7.56	18.000	**OK**	0.665	0.759	2.530	2.322		1.762
↑	Grade		2024+00.00	HB45	1559.20	65.65	-2.000%	0.00	1560.51	0.00	-2.000%	0.00	1560.51	HB45	0.0040	2.9853	0.0000	1.701	1.731	**Left**	HB45	12.00	0.00	4.50	3.82	8.32	18.000	**OK**	0.734	0.880	2.200	1.967		1.731
↑	Grade		2024+05.00	HB45	1559.23	65.68	-2.000%	0.00	1560.54	0.00	-2.000%	0.00	1560.54	HB45	0.0060	2.9777	0.0000	1.671	1.701	**Left**	HB45	12.00	0.00	4.50	2.92	7.42	18.000	**OK**	0.653	0.738	2.500	2.306		1.701
↑	Grade		2024+10.00	HB45	1559.25	65.71	-2.000%	0.00	1560.56	0.00	-2.000%	0.00	1560.56	HB45	0.0040	2.9702	0.0000	1.641	1.671	**Left**	HB45	12.00	0.00	4.50	3.67	8.17	18.000	**OK**	0.721	0.855	2.174	1.953		1.671
↑	Grade		2024+15.00	HB45	1559.28	65.74	-2.000%	0.00	1560.59	0.00	-2.000%	0.00	1560.59	HB45	0.0060	2.9627	0.0000	1.611	1.641	**Left**	HB45	12.00	0.00	4.50	2.78	7.28	18.000	**OK**	0.640	0.717	2.469	2.288		1.641
↑	Grade		2024+20.00	HB45	1559.29	65.77	-2.000%	0.00	1560.61	0.00	-2.000%	0.00	1560.61	HB45	0.0040	2.9551	0.0000	1.580	1.611	**Left**	HB45	12.00	0.00	4.50	3.52	8.02	18.000	**OK**	0.707	0.830	2.147	1.939		1.611
↑	Grade		2024+25.00	HB45	1559.32	65.80	-2.000%	0.00	1560.64	0.00	-2.000%	0.00	1560.64	HB45	0.0060	2.9476	0.0000	1.550	1.580	**Left**	HB45	12.00	0.00	4.50	2.63	7.13	18.000	**OK**	0.627	0.696	2.437	2.271		1.580

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2024+30.00	HB45	1559.34	65.83	-2.000%	0.00	1560.66	0.00	-2.000%	0.00	1560.66	HB45	0.0040	2.9400	0.0000	1.520	1.550	**Left**	HB45	12.00	0.00	4.50	3.36	7.86	18.000	**OK**	0.692	0.805	2.119	1.925		1.550
↑	Grade		2024+35.00	HB45	1559.37	65.85	-2.000%	0.00	1560.69	0.00	-2.000%	0.00	1560.69	HB45	0.0060	2.9325	0.0000	1.489	1.520	**Left**	HB45	12.00	0.00	4.50	2.48	6.98	18.000	**OK**	0.613	0.675	2.404	2.252		1.520
↑	Grade		2024+40.00	HB45	1559.39	65.88	-2.000%	0.00	1560.71	0.00	-2.000%	0.00	1560.71	HB45	0.0040	2.9249	0.0000	1.459	1.489	**Left**	HB45	12.00	0.00	4.50	3.20	7.70	18.000	**OK**	0.678	0.780	2.091	1.909		1.489
↑	Grade		2024+45.00	HB45	1559.42	65.91	-2.000%	0.00	1560.74	0.00	-2.000%	0.00	1560.74	HB45	0.0060	2.9173	0.0000	1.429	1.459	**Left**	HB45	12.00	0.00	4.50	2.33	6.83	18.000	**OK**	0.600	0.654	2.370	2.232		1.459
↑	Grade		2024+50.00	HB45	1559.44	65.94	-2.000%	0.00	1560.76	0.00	-2.000%	0.00	1560.76	HB45	0.0040	2.9098	0.0000	1.398	1.429	**Left**	HB45	12.00	0.00	4.50	3.03	7.53	18.000	**OK**	0.663	0.755	2.061	1.893		1.429
↑	Grade		2024+55.00	HB45	1559.47	65.97	-2.000%	0.00	1560.79	0.00	-2.000%	0.00	1560.79	HB45	0.0060	2.9022	0.0000	1.368	1.398	**Left**	HB45	12.00	0.00	4.50	2.17	6.67	18.000	**OK**	0.585	0.632	2.335	2.211		1.398
↑	Grade		2024+60.00	HB45	1559.49	66.00	-2.000%	0.00	1560.81	0.00	-2.000%	0.00	1560.81	HB45	0.0040	2.8946	0.0000	1.338	1.368	**Left**	HB45	12.00	0.00	4.50	2.86	7.36	18.000	**OK**	0.647	0.729	2.031	1.877		1.368
↑	Grade		2024+65.00	HB45	1559.52	66.03	-2.000%	0.00	1560.84	0.00	-2.000%	0.00	1560.84	HB45	0.0060	2.8871	0.0000	1.307	1.338	**Left**	HB45	12.00	0.00	4.50	2.01	6.51	18.000	**OK**	0.571	0.611	2.299	2.189		1.338
↑	Grade		2024+70.00	HB45	1559.54	66.05	-2.000%	0.00	1560.86	0.00	-2.000%	0.00	1560.86	HB45	0.0040	2.8795	0.0000	1.277	1.307	**Left**	HB45	12.00	0.00	4.50	2.68	7.18	18.000	**OK**	0.631	0.703	1.999	1.859		1.307
↑	Grade		2024+75.00	HB45	1559.57	66.08	-2.000%	0.00	1560.89	0.00	-2.000%	0.00	1560.89	HB45	0.0060	2.8719	0.0000	1.247	1.277	**Left**	HB45	12.00	0.00	4.50	1.84	6.34	18.000	**OK**	0.556	0.590	2.261	2.166		1.277
↑	Grade		2024+80.00	HB45	1559.59	66.11	-2.000%	0.00	1560.91	0.00	-2.000%	0.00	1560.91	HB45	0.0040	2.8643	0.0000	1.216	1.247	**Left**	HB45	12.00	0.00	4.50	2.50	7.00	18.000	**OK**	0.615	0.677	1.966	1.840		1.247
↑	Grade		2024+85.00	HB45	1559.62	66.14	-2.000%	0.00	1560.94	0.00	-2.000%	0.00	1560.94	HB45	0.0060	2.8567	0.0000	1.186	1.216	**Left**	HB45	12.00	0.00	4.50	1.67	6.17	18.000	**OK**	0.540	0.568	2.222	2.141		1.216
↑	Grade		2024+90.00	HB45	1559.64	66.17	-2.000%	0.00	1560.96	0.00	-2.000%	0.00	1560.96	HB45	0.0040	2.8491	0.0000	1.155	1.186	**Left**	HB45	12.00	0.00	4.50	2.31	6.81	18.000	**OK**	0.598	0.651	1.932	1.820		1.186
↑	Grade		2024+95.00	HB45	1559.67	66.20	-2.000%	0.00	1560.99	0.00	-2.000%	0.00	1560.99	HB45	0.0060	2.8415	0.0000	1.125	1.155	**Left**	HB45	12.00	0.00	4.50	1.49	5.99	18.000	**OK**	0.524	0.547	2.181	2.114		1.155
↑	Grade		2025+00.00	HB45	1559.69	66.23	-2.000%	0.00	1561.01	0.00	-2.000%	0.00	1561.01	HB45	0.0040	2.8340	0.0000	1.094	1.125	**Left**	HB45	12.00	0.00	4.50	2.12	6.62	18.000	**OK**	0.580	0.625	1.897	1.799		1.125
↑	Grade		2025+05.00	HB45	1559.71	66.25	-2.000%	0.00	1561.04	0.00	-2.000%	0.00	1561.04	HB45	0.0060	2.8264	0.0000	1.064	1.094	**Left**	HB45	12.00	0.00	4.50	1.31	5.81	18.000	**OK**	0.508	0.525	2.139	2.085		1.094
↑	Grade		2025+10.00	HB45	1559.73	66.28	-2.000%	0.00	1561.06	0.00	-2.000%	0.00	1561.06	HB45	0.0040	2.8187	0.0000	1.033	1.064	**Left**	HB45	12.00	0.00	4.50	1.91	6.41	18.000	**OK**	0.562	0.599	1.859	1.776		1.064
↑	Grade		2025+15.00	HB45	1559.76	66.31	-2.000%	0.00	1561.09	0.00	-2.000%	0.00	1561.09	HB45	0.0060	2.8111	0.0000	1.003	1.033	**Left**	HB45	12.00	0.00	4.50	1.12	5.62	18.000	**OK**	0.491	0.503	2.095	2.054		1.033
↑	Grade		2025+20.00	HB45	1559.78	66.34	-2.000%	0.00	1561.11	0.00	-2.000%	0.00	1561.11	HB45	0.0040	2.8035	0.0000	0.972	1.003	**Left**	HB45	12.00	0.00	4.50	1.70	6.20	18.000	**OK**	0.543	0.572	1.821	1.752		1.003
↑	Grade		2025+25.00	HB45	1559.81	66.37	-2.000%	0.00	1561.14	0.00	-2.000%	0.00	1561.14	HB45	0.0060	2.7959	0.0000	0.942	0.972	**Left**	HB45	12.00	0.00	4.50	0.92	5.42	18.000	**OK**	0.473	0.481	2.049	2.020		0.972
↑	Grade		2025+30.00	HB45	1559.83	66.40	-2.000%	0.00	1561.16	0.00	-2.000%	0.00	1561.16	HB45	0.0040	2.7883	0.0000	0.911	0.942	**Left**	HB45	12.00	0.00	4.50	1.49	5.99	18.000	**OK**	0.524	0.546	1.780	1.725		0.942
↑	Grade		2025+35.00	HB45	1559.86	66.43	-2.000%	0.00	1561.19	0.00	-2.000%	0.00	1561.19	HB45	0.0060	2.7807	0.0000	0.881	0.911	**Left**	HB45	12.00	0.00	4.50	0.72	5.22	18.000	**OK**	0.455	0.460	2.001	1.982		0.911
↑	Grade		2025+40.00	HB45	1559.88	66.46	-2.000%	0.00	1561.21	0.00	-2.000%	0.00	1561.21	HB45	0.0040	2.7731	0.0000	0.850	0.881	**Left**	HB45	12.00	0.00	4.50	1.26	5.76	18.000	**OK**	0.503	0.519	1.737	1.696		0.881
↑	Grade		2025+45.00	HB45	1559.91	66.48	-2.000%	0.00	1561.24	0.00	-2.000%	0.00	1561.24	HB45	0.0060	2.7654	0.0000	0.820	0.850	**Left**	HB45	12.00	0.00	4.50	0.50	5.00	18.000	**OK**	0.435	0.438	1.951	1.941		0.850
↑	Grade		2025+50.00	HB45	1559.93	66.51	-2.000%	0.00	1561.26	0.00	-2.000%	0.00	1561.26	HB45	0.0040	2.7578	0.0000	0.789	0.820	**Left**	HB45	12.00	0.00	4.50	1.02	5.52	18.000	**OK**	0.482	0.493	1.693	1.664		0.820
↑	Grade		2025+55.00	HB45	1559.96	66.54	-2.000%	0.00	1561.29	0.00	-2.000%	0.00	1561.29	HB45	0.0060	2.7502	0.0000	0.758	0.789	**Left**	HB45	12.00	0.00	4.50	0.28	4.78	18.000	**OK**	0.416	0.416	1.898	1.895		0.789
↑	Grade		2025+60.00	HB45	1559.98	66.57	-2.000%	0.00	1561.31	0.00	-2.000%	0.00	1561.31	HB45	0.0040	2.7425	0.0000	0.728	0.758	**Left**	HB45	12.00	0.00	4.50	0.78	5.28	18.000	**OK**	0.460	0.466	1.645	1.628		0.758
↑	Grade		2025+65.00	HB45	1560.01	66.60	-2.000%	0.00	1561.34	0.00	-2.000%	0.00	1561.34	HB45	0.0060	2.7349	0.0000	0.697	0.728	**Left**	HB45	12.00	0.00	4.50	0.05	4.55	18.000	**OK**	0.395	0.395	1.843	1.843		0.728
↑	Grade		2025+70.00	HB45	1560.03	66.63	-2.000%	0.00	1561.36	0.00	-2.000%	0.00	1561.36	HB45	0.0040	2.7273	0.0000	0.666	0.697	**Left**	HB45	12.00	0.00	4.50	0.52	5.02	18.000	**OK**	0.437	0.439	1.595	1.587		0.697
↑	Grade		2025+75.00	HB45	1560.06	66.66	-2.000%	0.00	1561.39	0.00	-2.000%	0.00	1561.39	HB45	0.0060	2.7196	0.0000	0.636	0.666	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	1.785	1.785		0.666
↑	Grade		2025+80.00	HB45	1560.08	66.68	-2.000%	0.00	1561.41	0.00	-2.000%	0.00	1561.41	HB45	0.0040	2.7120	0.0000	0.605	0.636	**Left**	HB45	12.00	0.00	4.50	0.25	4.75	18.000	**OK**	0.412	0.413	1.542	1.540		0.636
↑	Grade		2025+85.00	HB45	1560.11	66.71	-2.000%	0.00	1561.44	0.00	-2.000%	0.00	1561.44	HB45	0.0060	2.7043	0.0000	0.574	0.605	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.351	0.351	1.725	1.725		0.605
↑	Grade		2025+90.00	HB45	1560.13	66.74	-2.000%	0.00	1561.46	0.00	-2.000%	0.00	1561.46	HB45	0.0040	2.6966	0.0000	0.544	0.574	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	1.486	1.486		0.574
↑	Grade		2025+95.00	HB45	1560.15	66.77	-2.000%	0.00	1561.49	0.00	-2.000%	0.00	1561.49	HB45	0.0060	2.6890	0.0000	0.513	0.544	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.327	0.327	1.661	1.661		0.544
↑	Grade		2026+00.00	HB45	1560.03	74.20	-2.000%	0.00	1561.51	0.00	-2.000%	0.00	1561.51	HB45	0.0040	2.6813	0.0000	0.481	0.513	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.359	0.359	1.427	1.427		0.513
↑	Grade		2026+05.00	HB45	1560.05	74.33	-2.000%	0.00	1561.54	0.00	-2.000%	0.00	1561.54	HB45	0.0060	2.6732	0.0000	0.446	0.481	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.302	0.302	1.592	1.592		0.481
↑	Grade		2026+10.00	HB45	1560.07	74.47	-2.000%	0.00	1561.56	0.00	-2.000%	0.00	1561.56	HB45	0.0040	2.6647	0.0000	0.412	0.446	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.328	0.328	1.359	1.359		0.446
↑	Grade		2026+15.00	HB45	1560.10	74.60	-2.000%	0.00	1561.59	0.00	-2.000%	0.00	1561.59	HB45	0.0060	2.6562	0.0000	0.378	0.412	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.272	0.272	1.514	1.514		0.412
↑	Grade		2026+20.00	HB45	1560.12	74.74	-2.000%	0.00	1561.61	0.00	-2.000%	0.00	1561.61	HB45	0.0040	2.6476	0.0000	0.343	0.378	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.294	0.294	1.284	1.284		0.378
↑	Grade		2026+25.00	HB45	1560.14	74.87	-2.000%	0.00	1561.64	0.00	-2.000%	0.00	1561.64	HB45	0.0060	2.6390	0.0000	0.309	0.343	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.240	0.240	1.430	1.430		0.343
↑	Grade		2026+30.00	HB45	1560.16	75.01	-2.000%	0.00	1561.66	0.00	-2.000%	0.00	1561.66	HB45	0.0040	2.6305	0.0000	0.275	0.309	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.257	0.257	1.203	1.203		0.309
↑	Grade		2026+35.00	HB45	1560.19	75.14	-2.000%	0.00	1561.69	0.00	-2.000%	0.00	1561.69	HB45	0.0060	2.6219	0.0000	0.240	0.275	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.204	0.204	1.344	1.344		0.275
↑	Grade		2026+40.00	HB45	1560.20	75.27	-2.000%	0.00	1561.71	0.00	-2.000%	0.00	1561.71	HB45	0.0040	2.6132	0.0000	0.205	0.240	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.215	0.215	1.117	1.117		0.240
↑	Grade		2026+45.00	HB45	1560.23	75.41	-2.000%	0.00	1561.74	0.00	-2.000%	0.00	1561.74	HB45	0.0060	2.6046	0.0000	0.171	0.205	**Left**	HB45	12.00	0.00	4.05	0.00	4.05	18.000	**OK**	0.164	0.164	1.250	1.250		0.205
↑	Grade	**3**	2026+50.00	HB45	1560.26	75.54	-2.000%	0.00	1561.77	0.00	-2.000%	0.00	1561.77	HB45	0.0060	2.5960	0.0000	2.176	2.210	**Left**	HB45	12.00	0.00	4.50	4.00	8.50	18.000	**OK**	0.750	0.910	2.732	2.428	3	2.210
↑	Grade		2026+55.00	HB45	1560.28	75.68	-2.000%	0.00	1561.79	0.00	-2.000%	0.00	1561.79	HB45	0.0040	2.5873	0.0000	2.141	2.176	**Left**	HB45	12.00	0.00	4.50	4.84	9.34	18.000	**OK**	0.825	1.059	2.371	2.054		2.176
↑	Grade		2026+60.00	HB45	1560.30	75.81	-2.000%	0.00	1561.82	0.00	-2.000%	0.00	1561.82	HB45	0.0060	2.5786	0.0000	2.106	2.141	**Left**	HB45	12.00	0.00	4.50	3.86	8.36	18.000	**OK**	0.738	0.887	2.703	2.413		2.141
↑	Grade		2026+65.00	HB45	1560.33	75.94	-2.000%	0.00	1561.85	0.00	-2.000%	0.00	1561.85	HB45	0.0060	2.5699	0.0000	2.071	2.106	**Left**	HB45	12.00	0.00	4.50	3.79	8.29	18.000	**OK**	0.731	0.875	2.688	2.406		2.106
↑	Grade		2026+70.00	HB45	1560.36	76.08	-2.000%	0.00	1561.88	0.00	-2.000%	0.00	1561.88	HB45	0.0060	2.5612	0.0000	2.036	2.071	**Left**	HB45	12.00	0.00	4.50	3.72	8.22	18.000	**OK**	0.725	0.864	2.673	2.398		2.071
↑	Grade		2026+75.00	HB45	1560.38	76.21	-2.000%	0.00	1561.90	0.00	-2.000%	0.00	1561.90	HB45	0.0040	2.5525	0.0000	2.001	2.036	**Left**	HB45	12.00	0.00	4.50	4.53	9.03	18.000	**OK**	0.798	1.004	2.321	2.028		2.036
↑	Grade		2026+80.00	HB45	1560.40	76.35	-2.000%	0.00	1561.93	0.00	-2.000%	0.00	1561.93	HB45	0.0060	2.5437	0.0000	1.966	2.001	**Left**	HB45	12.00	0.00	4.50	3.58	8.08	18.000	**OK**	0.712	0.840	2.642	2.382		2.001
↑	Grade		2026+85.00	HB45	1560.43	76.48	-2.000%	0.00	1561.96	0.00	-2.000%	0.00	1561.96	HB45	0.0060	2.5350	0.0000	1.931	1.966	**Left**	HB45	12.00	0.00	4.50	3.50	8.00	18.000	**OK**	0.705	0.828	2.626	2.374		1.966
↑	Grade		2026+90.00	HB45	1560.46	76.62	-2.000%	0.00	1561.99	0.00	-2.000%	0.00	1561.99	HB45	0.0060	2.5262	0.0000	1.896	1.931	**Left**	HB45	12.00	0.00	4.50	3.43	7.93	18.000	**OK**	0.699	0.816	2.610	2.365		1.931
↑	Grade		2026+95.00	HB45	1560.49	76.75	-2.000%	0.00	1562.02	0.00	-2.000%	0.00	1562.02	HB45	0.0060	2.5174	0.0000	1.860	1.896	**Left**	HB45	12.00	0.00	4.50	3.35	7.85	18.000	**OK**	0.692	0.804	2.594	2.357		1.896
↑	Grade		2027+00.00	HB45	1560.50	76.88	-2.000%	0.00	1562.04	0.00	-2.000%	0.00	1562.04	HB45	0.0040	2.5086	0.0000	1.825	1.860	**Left**	HB45	12.00	0.00	4.50	4.13	8.63	18.000	**OK**	0.762	0.933	2.253	1.994		1.860
↑	Grade		2027+05.00	HB45	1560.53	77.02	-2.000%	0.00	1562.07	0.00	-2.000%	0.00	1562.07	HB45	0.0060	2.4998	0.0000	1.790	1.825	**Left**	HB45	12.00	0.00	4.50	3.20	7.70	18.000	**OK**	0.678	0.780	2.561	2.339		1.825
↑	Grade		2027+10.00	HB45	1560.56	77.15	-2.000%	0.00	1562.10	0.00	-2.000%	0.00	1562.10	HB45	0.0060	2.4910	0.0000	1.754	1.790	**Left**	HB45	12.00	0.00	4.50	3.12	7.62	18.000	**OK**	0.671	0.768	2.544	2.330		1.790
↑	Grade		2027+15.00	HB45	1560.58	77.29	-2.000%	0.00	1562.13	0.00	-2.000%	0.00	1562.13	HB45	0.0060	2.4821	0.0000	1.719	1.754	**Left**	HB45	12.00	0.00	4.50	3.04	7.54	18.000	**OK**	0.664	0.756	2.526	2.320		1.754
↑	Grade		2027+20.00	HB45	1560.61	77.42	-2.000%	0.00	1562.16	0.00	-2.000%	0.00	1562.16	HB45	0.0060	2.4733	0.0000	1.683	1.719	**Left**	HB45	12.00	0.00	4.50	2.96	7.46	18.000	**OK**	0.656	0.744	2.509	2.310		1.719
↑	Grade		2027+25.00	HB45	1560.64	77.55	-2.000%	0.00	1562.19	0.00	-2.000%	0.00	1562.19	HB45	0.0060	2.4644	0.0000	1.647	1.683	**Left**	HB45	12.00	0.00	4.50	2.88	7.38	18.000	**OK**	0.649	0.732	2.491	2.301		1.683
↑	Grade		2027+30.00	HB45	1560.67	77.69	-2.000%	0.00	1562.22	0.00	-2.000%	0.00	1562.22	HB45	0.0060	2.4555	0.0000	1.612	1.647	**Left**	HB45	12.00	0.00	4.50	2.79	7.29	18.000	**OK**	0.641	0.719	2.472	2.290		1.647
↑	Grade		2027+35.00	HB45	1560.69	77.82	-2.000%	0.00	1562.25	0.00	-2.000%	0.00	1562.25	HB45	0.0060	2.4466	0.0000	1.576	1.612	**Left**	HB45	12.00	0.00	4.50	2.71	7.21	18.000	**OK**	0.634	0.707	2.454	2.280		1.612
↑	Grade		2027+40.00	HB45	1560.72	77.96	-2.000%	0.00	1562.28	0.00	-2.000%	0.00	1562.28	HB45	0.0060	2.4377	0.0000	1.540	1.576	**Left**	HB45	12.00	0.00	4.50	2.62	7.12	18.000	**OK**	0.626	0.694	2.435	2.269		1.576
↑	Grade		2027+45.00	HB45	1560.75	78.09	-2.000%	0.00	1562.31	0.00	-2.000%	0.00	1562.31	HB45	0.0060	2.4287	0.0000	1.504	1.540	**Left**	HB45	12.00	0.00	4.50	2.53	7.03	18.000	**OK**	0.618	0.682	2.415	2.258		1.540
↑	Grade		2027+50.00	HB45	1560.78	78.23	-2.000%	0.00	1562.34	0.00	-2.000%	0.00	1562.34	HB45	0.0060	2.4198	0.0000	1.468	1.504	**Left**	HB45	12.00	0.00	4.50	2.44	6.94	18.000	**OK**	0.610	0.669	2.396	2.247		1.504
↑	Grade		2027+55.00	HB45	1560.80	78.36	-2.000%	0.00	1562.37	0.00	-2.000%	0.00	1562.37	HB45	0.0060	2.4108	0.0000	1.432	1.468	**Left**	HB45	12.00	0.00	4.50	2.35	6.85	18.000	**OK**	0.602	0.657	2.375	2.235		1.468
↑	Grade		2027+60.00	HB45	1560.83	78.49	-2.000%	0.00	1562.40	0.00	-2.000%	0.00	1562.40	HB45	0.0060	2.4018	0.0000	1.396	1.432	**Left**	HB45	12.00	0.00	4.50	2.26	6.76	18.000	**OK**	0.593	0.644	2.355	2.223		1.432
↑	Grade		2027+65.00	HB45	1560.86	78.63	-2.000%	0.00	1562.43	0.00	-2.000%	0.00	1562.43	HB45	0.0060	2.3928	0.0000	1.360	1.396	**Left**	HB45	12.00	0.00	4.50	2.16	6.66	18.000	**OK**	0.585	0.632	2.334	2.210		1.396
↑	Grade		2027+70.00	HB45	1560.89	78.76	-2.000%	0.00	1562.47	0.00	-2.000%	0.00	1562.47	HB45	0.0080	2.3838	0.0000	1.324	1.360	**Left**	HB45	12.00	0.00	4.50	1.56	6.06	18.000	**OK**	0.530	0.554	2.536	2.452		1.360
↑	Grade		2027+75.00	HB45	1560.92	78.90	-2.000%	0.00	1562.50	0.00	-2.000%	0.00	1562.50	HB45	0.0060	2.3748	0.0000	1.287	1.324	**Left**	HB45	12.00	0.00	4.50	1.97	6.47	18.000	**OK**	0.567	0.606	2.290	2.184		1.324
↑	Grade		2027+80.00	HB45	1560.95	79.03	-2.000%	0.00	1562.53	0.00	-2.000%	0.00	1562.53	HB45	0.0060	2.3657	0.0000	1.251	1.287	**Left**	HB45	12.00	0.00	4.50	1.87	6.37	18.000	**OK**	0.558	0.593	2.268	2.170		1.287
↑	Grade		2027+85.00	HB45	1560.98	79.16	-2.000%	0.00	1562.56	0.00	-2.000%	0.00	1562.56	HB45	0.0060	2.3566	0.0000	1.215	1.251	**Left**	HB45	12.00	0.00	4.50	1.77	6.27	18.000	**OK**	0.549	0.580	2.245	2.155		1.251
↑	Grade		2027+90.00	HB45	1561.00	79.30	-2.000%	0.00	1562.59	0.00	-2.000%	0.00	1562.59	HB45	0.0060	2.3476	0.0000	1.178	1.215	**Left**	HB45	12.00	0.00	4.50	1.66	6.16	18.000	**OK**	0.540	0.568	2.221	2.140		1.215
↑	Grade		2027+95.00	HB45	1561.04	79.43	-2.000%	0.00	1562.63	0.00	-2.000%	0.00	1562.63	HB45	0.0080	2.3385	0.0000	1.142	1.178	**Left**	HB45	12.00	0.00	4.50	1.08	5.58	18.000	**OK**	0.487	0.499	2.408	2.363		1.178

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2028+00.00	HB45	1561.07	79.57	-2.000%	0.00	1562.66	0.00	-2.000%	0.00	1562.66	HB45	0.0060	2.3294	0.0000	1.105	1.142	**Left**	HB45	12.00	0.00	4.50	1.45	5.95	18.000	**OK**	0.521	0.542	2.172	2.107		1.142
↑	Grade		2028+05.00	HB45	1561.13	79.70	-2.000%	0.00	1562.72	0.00	-2.000%	0.00	1562.72	HB45	0.0128	2.3202	0.0000	1.068	1.105	**Left**	HB45	12.00	0.00	4.50	0.16	4.66	18.000	**OK**	0.405	0.405	2.730	2.729		1.105
↑	Grade		2028+10.00	HB45	1561.16	79.84	-2.000%	0.00	1562.76	0.00	-2.000%	0.00	1562.76	HB45	0.0067	2.3111	0.0000	1.032	1.068	**Left**	HB45	12.00	0.00	4.50	1.05	5.55	18.000	**OK**	0.485	0.496	2.194	2.155		1.068
↑	Grade		2028+15.00	HB45	1561.19	79.97	-2.000%	0.00	1562.79	0.00	-2.000%	0.00	1562.79	HB45	0.0068	2.3019	0.0000	0.995	1.032	**Left**	HB45	12.00	0.00	4.50	0.91	5.41	18.000	**OK**	0.472	0.480	2.180	2.149		1.032
↑	Grade		2028+20.00	HB45	1561.22	80.10	-2.000%	0.00	1562.83	0.00	-2.000%	0.00	1562.83	HB45	0.0069	2.2928	0.0000	0.958	0.995	**Left**	HB45	12.00	0.00	4.50	0.76	5.26	18.000	**OK**	0.459	0.465	2.164	2.142		0.995
↑	Grade		2028+25.00	HB45	1561.26	80.24	-2.000%	0.00	1562.86	0.00	-2.000%	0.00	1562.86	HB45	0.0071	2.2836	0.0000	0.921	0.958	**Left**	HB45	12.00	0.00	4.50	0.62	5.12	18.000	**OK**	0.446	0.449	2.147	2.132		0.958
↑	Grade		2028+30.00	HB45	1561.29	80.37	-2.000%	0.00	1562.90	0.00	-2.000%	0.00	1562.90	HB45	0.0072	2.2744	0.0000	0.884	0.921	**Left**	HB45	12.00	0.00	4.50	0.47	4.97	18.000	**OK**	0.432	0.435	2.129	2.120		0.921
↑	Grade		2028+35.00	HB45	1561.32	80.51	-2.000%	0.00	1562.93	0.00	-2.000%	0.00	1562.93	HB45	0.0073	2.2652	0.0000	0.847	0.884	**Left**	HB45	12.00	0.00	4.50	0.32	4.82	18.000	**OK**	0.419	0.420	2.109	2.105		0.884
↑	Grade		2028+40.00	HB45	1561.36	80.64	-2.000%	0.00	1562.97	0.00	-2.000%	0.00	1562.97	HB45	0.0075	2.2559	0.0000	0.810	0.847	**Left**	HB45	12.00	0.00	4.50	0.17	4.67	18.000	**OK**	0.406	0.406	2.088	2.087		0.847
↑	Grade		2028+45.00	HB45	1561.39	80.77	-2.000%	0.00	1563.01	0.00	-2.000%	0.00	1563.01	HB45	0.0076	2.2467	0.0000	0.773	0.810	**Left**	HB45	12.00	0.00	4.50	0.02	4.52	18.000	**OK**	0.392	0.392	2.066	2.066		0.810
↑	Grade		2028+50.00	HB45	1561.43	80.91	-2.000%	0.00	1563.05	0.00	-2.000%	0.00	1563.05	HB45	0.0077	2.2374	0.0000	0.736	0.773	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.378	0.378	2.042	2.042		0.773
↑	Grade		2028+55.00	HB45	1561.47	81.04	-2.000%	0.00	1563.09	0.00	-2.000%	0.00	1563.09	HB45	0.0079	2.2281	0.0000	0.699	0.736	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.365	0.365	2.017	2.017		0.736
↑	Grade		2028+60.00	HB45	1561.50	81.18	-2.000%	0.00	1563.13	0.00	-2.000%	0.00	1563.13	HB45	0.0080	2.2188	0.0000	0.661	0.699	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.351	0.351	1.991	1.991		0.699
↑	Grade		2028+65.00	HB45	1561.54	81.31	-2.000%	0.00	1563.17	0.00	-2.000%	0.00	1563.17	HB45	0.0081	2.2095	0.0000	0.624	0.661	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.337	0.337	1.963	1.963		0.661
↑	Grade		2028+70.00	HB45	1561.58	81.45	-2.000%	0.00	1563.21	0.00	-2.000%	0.00	1563.21	HB45	0.0083	2.2002	0.0000	0.586	0.624	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.323	0.323	1.934	1.934		0.624
↑	Grade		2028+75.00	HB45	1561.62	81.58	-2.000%	0.00	1563.25	0.00	-2.000%	0.00	1563.25	HB45	0.0084	2.1909	0.0000	0.549	0.586	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.308	0.308	1.903	1.903		0.586
↑	Grade		2028+80.00	HB45	1561.66	81.71	-2.000%	0.00	1563.29	0.00	-2.000%	0.00	1563.29	HB45	0.0085	2.1815	0.0000	0.511	0.549	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.293	0.293	1.871	1.871		0.549
↑	Grade		2028+85.00	HB45	1561.70	81.85	-2.000%	0.00	1563.34	0.00	-2.000%	0.00	1563.34	HB45	0.0087	2.1721	0.0000	0.474	0.511	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.278	0.278	1.837	1.837		0.511
↑	Grade		2028+90.00	HB45	1561.74	81.98	-2.000%	0.00	1563.38	0.00	-2.000%	0.00	1563.38	HB45	0.0088	2.1628	0.0000	0.436	0.474	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.263	0.263	1.802	1.802		0.474
↑	Grade		2028+95.00	HB45	1561.78	82.12	-2.000%	0.00	1563.43	0.00	-2.000%	0.00	1563.43	HB45	0.0089	2.1533	0.0000	0.398	0.436	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.247	0.247	1.765	1.765		0.436
↑	Grade		2029+00.00	HB45	1561.83	82.25	-2.000%	0.00	1563.47	0.00	-2.000%	0.00	1563.47	HB45	0.0090	2.1439	0.0000	0.360	0.398	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.231	0.231	1.727	1.727		0.398
↑	Grade		2029+05.00	HB45	1561.86	82.62	-2.000%	0.00	1563.52	0.00	-2.000%	0.00	1563.52	HB45	0.0092	2.1345	0.0000	0.322	0.360	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.213	0.213	1.688	1.688		0.360
↑	Grade		2029+10.00	HB45	1561.90	82.98	-2.000%	0.00	1563.56	0.00	-2.000%	0.00	1563.56	HB45	0.0093	2.1250	0.0000	0.284	0.322	**Left**	HB45	12.00	0.00	4.42	0.00	4.42	18.000	**OK**	0.195	0.195	1.650	1.650		0.322
↑	Grade		2029+15.00	HB45	1561.94	83.35	-2.000%	0.00	1563.61	0.00	-2.000%	0.00	1563.61	HB45	0.0094	2.1155	0.0000	0.246	0.284	**Left**	HB45	12.00	0.00	4.21	0.00	4.21	18.000	**OK**	0.177	0.177	1.607	1.607		0.284
↑	Grade		2029+20.00	HB45	1561.98	83.71	-2.000%	0.00	1563.66	0.00	-2.000%	0.00	1563.66	HB45	0.0096	2.1060	0.0000	0.208	0.246	**Left**	HB45	12.00	0.00	3.97	0.00	3.97	18.000	**OK**	0.158	0.158	1.558	1.558		0.246
↑	Grade		2029+25.00	HB45	1562.03	84.08	-2.000%	0.00	1563.71	0.00	-2.000%	0.00	1563.71	HB45	0.0097	2.0964	0.0000	0.169	0.208	**Left**	HB45	12.00	0.00	3.72	0.00	3.72	18.000	**OK**	0.138	0.138	1.501	1.501		0.208
↑	Grade		2029+30.00	HB45	1562.07	84.44	-2.000%	0.00	1563.76	0.00	-2.000%	0.00	1563.76	HB45	0.0098	2.0868	0.0000	0.130	0.169	**Left**	HB45	12.00	0.00	3.43	0.00	3.43	18.000	**OK**	0.118	0.118	1.433	1.433		0.169
↑	Grade		2029+35.00	HB45	1562.11	84.81	-2.000%	0.00	1563.81	0.00	-2.000%	0.00	1563.81	HB45	0.0100	2.0771	0.0000	0.091	0.130	**Left**	HB45	12.00	0.00	3.11	0.00	3.11	18.000	**OK**	0.097	0.097	1.349	1.349		0.130
↑	Grade		2029+40.00	HB45	1562.15	85.17	-2.000%	0.00	1563.86	0.00	-2.000%	0.00	1563.86	HB45	0.0101	2.0674	0.0000	0.052	0.091	**Left**	HB45	12.00	0.00	2.71	0.00	2.71	18.000	**OK**	0.074	0.074	1.241	1.241		0.091
↑	Grade		2029+45.00	HB45	1562.20	85.54	-2.000%	0.00	1563.91	0.00	-2.000%	0.00	1563.91	HB45	0.0102	2.0576	0.0000	0.013	0.052	**Left**	HB45	12.00	0.00	2.19	0.00	2.19	18.000	**OK**	0.048	0.048	1.084	1.084		0.052
↑	Grade	**3**	2029+50.00	HB45	1562.24	85.90	-2.000%	0.00	1563.96	0.00	-2.000%	0.00	1563.96	HB45	0.0104	2.0478	0.0000	1.427	1.466	**Left**	HB45	12.00	0.00	4.50	1.37	5.87	18.000	**OK**	0.514	0.533	2.831	2.753	3	1.466
↑	Grade		2029+55.00	HB45	1562.29	86.27	-2.000%	0.00	1564.01	0.00	-2.000%	0.00	1564.01	HB45	0.0105	2.0380	0.0000	1.387	1.427	**Left**	HB45	12.00	0.00	4.50	1.26	5.76	18.000	**OK**	0.504	0.519	2.814	2.747		1.427
↑	Grade		2029+60.00	HB45	1562.33	86.63	-2.000%	0.00	1564.06	0.00	-2.000%	0.00	1564.06	HB45	0.0106	2.0281	0.0000	1.347	1.387	**Left**	HB45	12.00	0.00	4.50	1.15	5.65	18.000	**OK**	0.493	0.506	2.797	2.739		1.387
↑	Grade		2029+65.00	HB45	1562.38	87.00	-2.000%	0.00	1564.12	0.00	-2.000%	0.00	1564.12	HB45	0.0108	2.0182	0.0000	1.308	1.347	**Left**	HB45	12.00	0.00	4.50	1.03	5.53	18.000	**OK**	0.483	0.494	2.778	2.730		1.347
↑	Grade		2029+70.00	HB45	1562.43	87.37	-2.000%	0.00	1564.17	0.00	-2.000%	0.00	1564.17	HB45	0.0109	2.0082	0.0000	1.267	1.308	**Left**	HB45	12.00	0.00	4.50	0.92	5.42	18.000	**OK**	0.472	0.481	2.758	2.719		1.308
↑	Grade		2029+75.00	HB45	1562.47	87.73	-2.000%	0.00	1564.23	0.00	-2.000%	0.00	1564.23	HB45	0.0110	1.9982	0.0000	1.227	1.267	**Left**	HB45	12.00	0.00	4.50	0.80	5.30	18.000	**OK**	0.462	0.468	2.737	2.706		1.267
↑	Grade		2029+80.00	HB45	1562.52	88.10	-2.000%	0.00	1564.28	0.00	-2.000%	0.00	1564.28	HB45	0.0111	1.9882	0.0000	1.187	1.227	**Left**	HB45	12.00	0.00	4.50	0.68	5.18	18.000	**OK**	0.451	0.456	2.715	2.692		1.227
↑	Grade		2029+85.00	HB45	1562.57	88.46	-2.000%	0.00	1564.34	0.00	-2.000%	0.00	1564.34	HB45	0.0113	1.9781	0.0000	1.146	1.187	**Left**	HB45	12.00	0.00	4.50	0.56	5.06	18.000	**OK**	0.440	0.443	2.692	2.676		1.187
↑	Grade		2029+90.00	HB45	1562.62	88.83	-2.000%	0.00	1564.40	0.00	-2.000%	0.00	1564.40	HB45	0.0114	1.9679	0.0000	1.105	1.146	**Left**	HB45	12.00	0.00	4.50	0.44	4.94	18.000	**OK**	0.429	0.431	2.668	2.658		1.146
↑	Grade		2029+95.00	HB45	1562.67	89.19	-2.000%	0.00	1564.46	0.00	-2.000%	0.00	1564.46	HB45	0.0115	1.9578	0.0000	1.064	1.105	**Left**	HB45	12.00	0.00	4.50	0.31	4.81	18.000	**OK**	0.418	0.419	2.642	2.637		1.105
↑	Grade		2030+00.00	HB45	1562.72	89.56	-2.000%	0.00	1564.51	0.00	-2.000%	0.00	1564.51	HB45	0.0117	1.9475	0.0000	1.023	1.064	**Left**	HB45	12.00	0.00	4.50	0.19	4.69	18.000	**OK**	0.407	0.407	2.615	2.613		1.064
↑	Grade		2030+05.00	HB45	1562.77	89.92	-2.000%	0.00	1564.57	0.00	-2.000%	0.00	1564.57	HB45	0.0118	1.9373	0.0000	0.982	1.023	**Left**	HB45	12.00	0.00	4.50	0.06	4.56	18.000	**OK**	0.395	0.395	2.587	2.587		1.023
↑	Grade		2030+10.00	HB45	1562.83	90.29	-2.000%	0.00	1564.63	0.00	-2.000%	0.00	1564.63	HB45	0.0119	1.9270	0.0000	0.940	0.982	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.384	0.384	2.558	2.558		0.982
↑	Grade		2030+15.00	HB45	1562.88	90.65	-2.000%	0.00	1564.69	0.00	-2.000%	0.00	1564.69	HB45	0.0121	1.9166	0.0000	0.899	0.940	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.372	0.372	2.527	2.527		0.940
↑	Grade		2030+20.00	HB45	1562.93	91.02	-2.000%	0.00	1564.75	0.00	-2.000%	0.00	1564.75	HB45	0.0122	1.9063	0.0000	0.857	0.899	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.360	0.360	2.495	2.495		0.899
↑	Grade		2030+25.00	HB45	1562.99	91.38	-2.000%	0.00	1564.82	0.00	-2.000%	0.00	1564.82	HB45	0.0123	1.8958	0.0000	0.815	0.857	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.348	0.348	2.462	2.462		0.857
↑	Grade		2030+30.00	HB45	1563.04	91.75	-2.000%	0.00	1564.88	0.00	-2.000%	0.00	1564.88	HB45	0.0125	1.8854	0.0000	0.773	0.815	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.336	0.336	2.427	2.427		0.815
↑	Grade		2030+35.00	HB45	1563.10	92.12	-2.000%	0.00	1564.94	0.00	-2.000%	0.00	1564.94	HB45	0.0126	1.8749	0.0000	0.731	0.773	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.323	0.323	2.391	2.391		0.773
↑	Grade		2030+40.00	HB45	1563.15	92.48	-2.000%	0.00	1565.00	0.00	-2.000%	0.00	1565.00	HB45	0.0127	1.8643	0.0000	0.688	0.731	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.310	0.310	2.353	2.353		0.731
↑	Grade		2030+45.00	HB45	1563.21	92.85	-2.000%	0.00	1565.07	0.00	-2.000%	0.00	1565.07	HB45	0.0129	1.8537	0.0000	0.645	0.688	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.297	0.297	2.314	2.314		0.688
↑	Grade		2030+50.00	HB45	1563.27	93.21	-2.000%	0.00	1565.13	0.00	-2.000%	0.00	1565.13	HB45	0.0130	1.8431	0.0000	0.603	0.645	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	2.273	2.273		0.645
↑	Grade		2030+55.00	HB45	1563.33	93.58	-2.000%	0.00	1565.20	0.00	-2.000%	0.00	1565.20	HB45	0.0131	1.8324	0.0000	0.560	0.603	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.270	0.270	2.230	2.230		0.603
↑	Grade		2030+60.00	HB45	1563.39	93.94	-2.000%	0.00	1565.26	0.00	-2.000%	0.00	1565.26	HB45	0.0132	1.8217	0.0000	0.517	0.560	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.256	0.256	2.186	2.186		0.560
↑	Grade		2030+65.00	HB45	1563.45	94.31	-2.000%	0.00	1565.33	0.00	-2.000%	0.00	1565.33	HB45	0.0134	1.8109	0.0000	0.473	0.517	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.241	0.241	2.140	2.140		0.517
↑	Grade		2030+70.00	HB45	1563.51	94.67	-2.000%	0.00	1565.40	0.00	-2.000%	0.00	1565.40	HB45	0.0135	1.8001	0.0000	0.430	0.473	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.226	0.226	2.094	2.094		0.473
↑	Grade		2030+75.00	HB45	1563.57	95.04	-2.000%	0.00	1565.47	0.00	-2.000%	0.00	1565.47	HB45	0.0136	1.7893	0.0000	0.386	0.430	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.210	0.210	2.046	2.046		0.430
↑	Grade		2030+80.00	HB45	1563.63	95.40	-2.000%	0.00	1565.54	0.00	-2.000%	0.00	1565.54	HB45	0.0138	1.7784	0.0000	0.342	0.386	**Left**	HB45	12.00	0.00	4.39	0.00	4.39	18.000	**OK**	0.193	0.193	1.999	1.999		0.386
↑	Grade		2030+85.00	HB45	1563.69	95.77	-2.000%	0.00	1565.61	0.00	-2.000%	0.00	1565.61	HB45	0.0139	1.7674	0.0000	0.298	0.342	**Left**	HB45	12.00	0.00	4.19	0.00	4.19	18.000	**OK**	0.176	0.176	1.946	1.946		0.342
↑	Grade		2030+90.00	HB45	1563.75	96.13	-2.000%	0.00	1565.68	0.00	-2.000%	0.00	1565.68	HB45	0.0140	1.7565	0.0000	0.254	0.298	**Left**	HB45	12.00	0.00	3.98	0.00	3.98	18.000	**OK**	0.158	0.158	1.887	1.887		0.298
↑	Grade		2030+95.00	HB45	1563.82	96.50	-2.000%	0.00	1565.75	0.00	-2.000%	0.00	1565.75	HB45	0.0142	1.7455	0.0000	0.210	0.254	**Left**	HB45	12.00	0.00	3.74	0.00	3.74	18.000	**OK**	0.140	0.140	1.820	1.820		0.254
↑	Grade		2031+00.00	HB45	1564.11	85.45	-2.000%	0.00	1565.82	0.00	-2.000%	0.00	1565.82	HB45	0.0143	1.7344	0.0000	0.168	0.210	**Left**	HB45	12.00	0.00	3.47	0.00	3.47	18.000	**OK**	0.121	0.121	1.740	1.740		0.210
↑	Grade		2031+05.00	HB45	1564.19	85.22	-2.000%	0.00	1565.89	0.00	-2.000%	0.00	1565.89	HB45	0.0144	1.7240	0.0000	0.129	0.168	**Left**	HB45	12.00	0.00	3.19	0.00	3.19	18.000	**OK**	0.102	0.102	1.652	1.652		0.168
↑	Grade		2031+10.00	HB45	1564.26	85.00	-2.000%	0.00	1565.96	0.00	-2.000%	0.00	1565.96	HB45	0.0146	1.7142	0.0000	0.089	0.129	**Left**	HB45	12.00	0.00	2.88	0.00	2.88	18.000	**OK**	0.083	0.083	1.551	1.551		0.129
↑	Grade		2031+15.00	HB45	1564.34	84.77	-2.000%	0.00	1566.04	0.00	-2.000%	0.00	1566.04	HB45	0.0147	1.7044	0.0000	0.050	0.089	**Left**	HB45	12.00	0.00	2.51	0.00	2.51	18.000	**OK**	0.063	0.063	1.421	1.421		0.089
↑	Grade		2031+20.00	HB45	1564.42	84.55	-2.000%	0.00	1566.11	0.00	-2.000%	0.00	1566.11	HB45	0.0148	1.6947	0.0000	0.011	0.050	**Left**	HB45	12.00	0.00	2.02	0.00	2.02	18.000	**OK**	0.041	0.041	1.235	1.235		0.050
↑	Grade	**3**	2031+25.00	HB45	1564.50	84.32	-2.000%	0.00	1566.19	0.00	-2.000%	0.00	1566.19	HB45	0.0150	1.6849	0.0000	1.650	1.689	**Left**	HB45	12.00	0.00	4.50	1.23	5.73	18.000	**OK**	0.501	0.516	3.350	3.272	3	1.689
↑	Grade		2031+30.00	HB45	1564.58	84.09	-2.000%	0.00	1566.26	0.00	-2.000%	0.00	1566.26	HB45	0.0151	1.6752	0.0000	1.612	1.650	**Left**	HB45	12.00	0.00	4.50	1.14	5.64	18.000	**OK**	0.493	0.506	3.331	3.263		1.650
↑	Grade		2031+35.00	HB45	1564.66	83.87	-2.000%	0.00	1566.34	0.00	-2.000%	0.00	1566.34	HB45	0.0152	1.6656	0.0000	1.573	1.612	**Left**	HB45	12.00	0.00	4.50	1.05	5.55	18.000	**OK**	0.485	0.496	3.311	3.252		1.612
↑	Grade		2031+40.00	HB45	1564.74	83.64	-2.000%	0.00	1566.41	0.00	-2.000%	0.00	1566.41	HB45	0.0153	1.6559	0.0000	1.534	1.573	**Left**	HB45	12.00	0.00	4.50	0.96	5.46	18.000	**OK**	0.476	0.485	3.291	3.241		1.573
↑	Grade		2031+45.00	HB45	1564.82	83.41	-2.000%	0.00	1566.49	0.00	-2.000%	0.00	1566.49	HB45	0.0155	1.6463	0.0000	1.496	1.534	**Left**	HB45	12.00	0.00	4.50	0.86	5.36	18.000	**OK**	0.468	0.475	3.270	3.228		1.534
↑	Grade		2031+50.00	HB45	1564.91	83.19	-2.000%	0.00	1566.57	0.00	-2.000%	0.00	1566.57	HB45	0.0156	1.6367	0.0000	1.458	1.496	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.459	0.465	3.249	3.214		1.496
↑	Grade		2031+55.00	HB45	1564.99	82.96	-2.000%	0.00	1566.65	0.00	-2.000%	0.00	1566.65	HB45	0.0157	1.6272	0.0000	1.419	1.458	**Left**	HB45	12.00	0.00	4.50	0.68	5.18	18.000	**OK**	0.451	0.456	3.227	3.199		1.458
↑	Grade		2031+60.00	HB45	1565.07	82.74	-2.000%	0.00	1566.73	0.00	-2.000%	0.00	1566.73	HB45	0.0159	1.6176	0.0000	1.381	1.419	**Left**	HB45	12.00	0.00	4.50	0.58	5.08	18.000	**OK**	0.443	0.446	3.204	3.183		1.419
↑	Grade		2031+65.00	HB45	1565.16	82.51	-2.000%	0.00	1566.81	0.00	-2.000%	0.00	1566.81	HB45	0.0160	1.6081	0.0000	1.343	1.381	**Left**	HB45	12.00	0.00	4.50	0.49	4.99	18.000	**OK**	0.434	0.436	3.180	3.165		1.381

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2031+70.00	HB45	1565.24	82.28	-2.000%	0.00	1566.89	0.00	-2.000%	0.00	1566.89	HB45	0.0161	1.5986	0.0000	1.305	1.343	**Left**	HB45	12.00	0.00	4.50	0.39	4.89	18.000	**OK**	0.425	0.427	3.156	3.146		1.343
↑	Grade		2031+75.00	HB45	1565.33	82.06	-2.000%	0.00	1566.97	0.00	-2.000%	0.00	1566.97	HB45	0.0163	1.5892	0.0000	1.267	1.305	**Left**	HB45	12.00	0.00	4.50	0.30	4.80	18.000	**OK**	0.417	0.418	3.131	3.125		1.305
↑	Grade		2031+80.00	HB45	1565.42	81.83	-2.000%	0.00	1567.05	0.00	-2.000%	0.00	1567.05	HB45	0.0164	1.5798	0.0000	1.230	1.267	**Left**	HB45	12.00	0.00	4.50	0.20	4.70	18.000	**OK**	0.408	0.409	3.106	3.103		1.267
↑	Grade		2031+85.00	HB45	1565.50	81.61	-2.000%	0.00	1567.13	0.00	-2.000%	0.00	1567.13	HB45	0.0165	1.5703	0.0000	1.192	1.230	**Left**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.399	0.399	3.079	3.078		1.230
↑	Grade		2031+90.00	HB45	1565.59	81.38	-2.000%	0.00	1567.22	0.00	-2.000%	0.00	1567.22	HB45	0.0167	1.5610	0.0000	1.155	1.192	**Left**	HB45	12.00	0.00	4.50	0.01	4.51	18.000	**OK**	0.391	0.391	3.052	3.052		1.192
↑	Grade		2031+95.00	HB45	1565.68	81.15	-2.000%	0.00	1567.30	0.00	-2.000%	0.00	1567.30	HB45	0.0168	1.5516	0.0000	1.117	1.155	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	3.025	3.025		1.155
↑	Grade		2032+00.00	HB45	1565.77	80.93	-2.000%	0.00	1567.39	0.00	-2.000%	0.00	1567.39	HB45	0.0169	1.5423	0.0000	1.080	1.117	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	2.996	2.996		1.117
↑	Grade		2032+05.00	HB45	1565.86	80.70	-2.000%	0.00	1567.47	0.00	-2.000%	0.00	1567.47	HB45	0.0171	1.5330	0.0000	1.043	1.080	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.364	0.364	2.968	2.968		1.080
↑	Grade		2032+10.00	HB45	1565.95	80.48	-2.000%	0.00	1567.56	0.00	-2.000%	0.00	1567.56	HB45	0.0172	1.5237	0.0000	1.006	1.043	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.355	0.355	2.938	2.938		1.043
↑	Grade		2032+15.00	HB45	1566.04	80.25	-2.000%	0.00	1567.64	0.00	-2.000%	0.00	1567.64	HB45	0.0173	1.5145	0.0000	0.969	1.006	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.346	0.346	2.908	2.908		1.006
↑	Grade		2032+20.00	HB45	1566.13	80.02	-2.000%	0.00	1567.73	0.00	-2.000%	0.00	1567.73	HB45	0.0175	1.5052	0.0000	0.932	0.969	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.337	0.337	2.877	2.877		0.969
↑	Grade		2032+25.00	HB45	1566.22	79.80	-2.000%	0.00	1567.82	0.00	-2.000%	0.00	1567.82	HB45	0.0176	1.4960	0.0000	0.895	0.932	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.328	0.328	2.845	2.845		0.932
↑	Grade		2032+30.00	HB45	1566.32	79.57	-2.000%	0.00	1567.91	0.00	-2.000%	0.00	1567.91	HB45	0.0177	1.4869	0.0000	0.858	0.895	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.318	0.318	2.812	2.812		0.895
↑	Grade		2032+35.00	HB45	1566.41	79.34	-2.000%	0.00	1568.00	0.00	-2.000%	0.00	1568.00	HB45	0.0178	1.4777	0.0000	0.822	0.858	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.309	0.309	2.779	2.779		0.858
↑	Grade		2032+40.00	HB45	1566.50	79.12	-2.000%	0.00	1568.09	0.00	-2.000%	0.00	1568.09	HB45	0.0180	1.4686	0.0000	0.785	0.822	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.299	0.299	2.745	2.745		0.822
↑	Grade		2032+45.00	HB45	1566.60	78.89	-2.000%	0.00	1568.18	0.00	-2.000%	0.00	1568.18	HB45	0.0181	1.4595	0.0000	0.749	0.785	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.290	0.290	2.711	2.711		0.785
↑	Grade		2032+50.00	HB45	1566.70	78.67	-2.000%	0.00	1568.27	0.00	-2.000%	0.00	1568.27	HB45	0.0182	1.4504	0.0000	0.713	0.749	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.280	0.280	2.675	2.675		0.749
↑	Grade		2032+55.00	HB45	1566.79	78.44	-2.000%	0.00	1568.36	0.00	-2.000%	0.00	1568.36	HB45	0.0184	1.4414	0.0000	0.677	0.713	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.270	0.270	2.639	2.639		0.713
↑	Grade		2032+60.00	HB45	1566.89	78.21	-2.000%	0.00	1568.45	0.00	-2.000%	0.00	1568.45	HB45	0.0185	1.4324	0.0000	0.641	0.677	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.260	0.260	2.602	2.602		0.677
↑	Grade		2032+65.00	HB45	1566.99	77.99	-2.000%	0.00	1568.55	0.00	-2.000%	0.00	1568.55	HB45	0.0186	1.4234	0.0000	0.605	0.641	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.250	0.250	2.564	2.564		0.641
↑	Grade		2032+70.00	HB45	1567.08	77.76	-2.000%	0.00	1568.64	0.00	-2.000%	0.00	1568.64	HB45	0.0188	1.4144	0.0000	0.569	0.605	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.239	0.239	2.526	2.526		0.605
↑	Grade		2032+75.00	HB45	1567.18	77.54	-2.000%	0.00	1568.73	0.00	-2.000%	0.00	1568.73	HB45	0.0189	1.4055	0.0000	0.533	0.569	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.229	0.229	2.487	2.487		0.569
↑	Grade		2032+80.00	HB45	1567.28	77.31	-2.000%	0.00	1568.83	0.00	-2.000%	0.00	1568.83	HB45	0.0190	1.3966	0.0000	0.497	0.533	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.218	0.218	2.449	2.449		0.533
↑	Grade		2032+85.00	HB45	1567.38	77.08	-2.000%	0.00	1568.93	0.00	-2.000%	0.00	1568.93	HB45	0.0192	1.3877	0.0000	0.462	0.497	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.206	0.206	2.410	2.410		0.497
↑	Grade		2032+90.00	HB45	1567.48	76.86	-2.000%	0.00	1569.02	0.00	-2.000%	0.00	1569.02	HB45	0.0193	1.3788	0.0000	0.426	0.462	**Left**	HB45	12.00	0.00	4.41	0.00	4.41	18.000	**OK**	0.195	0.195	2.372	2.372		0.462
↑	Grade		2032+95.00	HB45	1567.59	76.63	-2.000%	0.00	1569.12	0.00	-2.000%	0.00	1569.12	HB45	0.0194	1.3700	0.0000	0.391	0.426	**Left**	HB45	12.00	0.00	4.28	0.00	4.28	18.000	**OK**	0.183	0.183	2.331	2.331		0.426
↑	Grade		2033+00.00	HB45	1567.69	76.41	-2.000%	0.00	1569.22	0.00	-2.000%	0.00	1569.22	HB45	0.0196	1.3612	0.0000	0.356	0.391	**Left**	HB45	12.00	0.00	4.14	0.00	4.14	18.000	**OK**	0.171	0.171	2.287	2.287		0.391
↑	Grade		2033+05.00	HB45	1567.79	76.18	-2.000%	0.00	1569.32	0.00	-2.000%	0.00	1569.32	HB45	0.0197	1.3524	0.0000	0.321	0.356	**Left**	HB45	12.00	0.00	3.99	0.00	3.99	18.000	**OK**	0.159	0.159	2.239	2.239		0.356
↑	Grade		2033+10.00	HB45	1567.90	75.95	-2.000%	0.00	1569.41	0.00	-2.000%	0.00	1569.41	HB45	0.0198	1.3436	0.0000	0.286	0.321	**Left**	HB45	12.00	0.00	3.83	0.00	3.83	18.000	**OK**	0.147	0.147	2.187	2.187		0.321
↑	Grade		2033+15.00	HB45	1568.00	75.73	-2.000%	0.00	1569.51	0.00	-2.000%	0.00	1569.51	HB45	0.0199	1.3349	0.0000	0.251	0.286	**Left**	HB45	12.00	0.00	3.66	0.00	3.66	18.000	**OK**	0.134	0.134	2.130	2.130		0.286
↑	Grade		2033+20.00	HB45	1568.10	75.50	-2.000%	0.00	1569.61	0.00	-2.000%	0.00	1569.61	HB45	0.0201	1.3262	0.0000	0.216	0.251	**Left**	HB45	12.00	0.00	3.48	0.00	3.48	18.000	**OK**	0.121	0.121	2.067	2.067		0.251
↑	Grade		2033+25.00	HB45	1568.21	75.27	-2.000%	0.00	1569.72	0.00	-2.000%	0.00	1569.72	HB45	0.0202	1.3175	0.0000	0.181	0.216	**Left**	HB45	12.00	0.00	3.29	0.00	3.29	18.000	**OK**	0.108	0.108	1.996	1.996		0.216
↑	Grade		2033+30.00	HB45	1568.32	75.05	-2.000%	0.00	1569.82	0.00	-2.000%	0.00	1569.82	HB45	0.0203	1.3089	0.0000	0.147	0.181	**Left**	HB45	12.00	0.00	3.08	0.00	3.08	18.000	**OK**	0.095	0.095	1.916	1.916		0.181
↑	Grade		2033+35.00	HB45	1568.42	74.82	-2.000%	0.00	1569.92	0.00	-2.000%	0.00	1569.92	HB45	0.0205	1.3002	0.0000	0.112	0.147	**Left**	HB45	12.00	0.00	2.84	0.00	2.84	18.000	**OK**	0.081	0.081	1.821	1.821		0.147
↑	Grade		2033+40.00	HB45	1568.53	74.60	-2.000%	0.00	1570.02	0.00	-2.000%	0.00	1570.02	HB45	0.0206	1.2916	0.0000	0.078	0.112	**Left**	HB45	12.00	0.00	2.57	0.00	2.57	18.000	**OK**	0.066	0.066	1.708	1.708		0.112
↑	Grade		2033+45.00	HB45	1568.64	74.37	-2.000%	0.00	1570.13	0.00	-2.000%	0.00	1570.13	HB45	0.0207	1.2831	0.0000	0.044	0.078	**Left**	HB45	12.00	0.00	2.23	0.00	2.23	18.000	**OK**	0.050	0.050	1.562	1.562		0.078
↑	Grade	**3**	2033+50.00	HB45	1568.75	74.14	-2.000%	0.00	1570.23	0.00	-2.000%	0.00	1570.23	HB45	0.0209	1.2745	0.0000	2.025	2.059	**Left**	HB45	12.00	0.00	4.50	1.34	5.84	18.000	**OK**	0.511	0.528	4.002	3.897	3	2.059
↑	Grade		2033+55.00	HB45	1568.86	73.92	-2.000%	0.00	1570.34	0.00	-2.000%	0.00	1570.34	HB45	0.0210	1.2660	0.0000	1.991	2.025	**Left**	HB45	12.00	0.00	4.50	1.27	5.77	18.000	**OK**	0.505	0.521	3.986	3.889		2.025
↑	Grade		2033+60.00	HB45	1568.97	73.69	-2.000%	0.00	1570.44	0.00	-2.000%	0.00	1570.44	HB45	0.0211	1.2575	0.0000	1.957	1.991	**Left**	HB45	12.00	0.00	4.50	1.21	5.71	18.000	**OK**	0.499	0.513	3.969	3.881		1.991
↑	Grade		2033+65.00	HB45	1569.08	73.47	-2.000%	0.00	1570.55	0.00	-2.000%	0.00	1570.55	HB45	0.0213	1.2490	0.0000	1.923	1.957	**Left**	HB45	12.00	0.00	4.50	1.14	5.64	18.000	**OK**	0.492	0.505	3.953	3.872		1.957
↑	Grade		2033+70.00	HB45	1569.19	73.24	-2.000%	0.00	1570.65	0.00	-2.000%	0.00	1570.65	HB45	0.0214	1.2406	0.0000	1.890	1.923	**Left**	HB45	12.00	0.00	4.50	1.07	5.57	18.000	**OK**	0.486	0.498	3.935	3.863		1.923
↑	Grade		2033+75.00	HB45	1569.30	73.01	-2.000%	0.00	1570.76	0.00	-2.000%	0.00	1570.76	HB45	0.0215	1.2322	0.0000	1.856	1.890	**Left**	HB45	12.00	0.00	4.50	1.00	5.50	18.000	**OK**	0.480	0.490	3.918	3.853		1.890
↑	Grade		2033+80.00	HB45	1569.41	72.79	-2.000%	0.00	1570.87	0.00	-2.000%	0.00	1570.87	HB45	0.0217	1.2238	0.0000	1.822	1.856	**Left**	HB45	12.00	0.00	4.50	0.94	5.44	18.000	**OK**	0.474	0.483	3.900	3.842		1.856
↑	Grade		2033+85.00	HB45	1569.53	72.56	-2.000%	0.00	1570.98	0.00	-2.000%	0.00	1570.98	HB45	0.0218	1.2154	0.0000	1.789	1.822	**Left**	HB45	12.00	0.00	4.50	0.87	5.37	18.000	**OK**	0.468	0.476	3.881	3.830		1.822
↑	Grade		2033+90.00	HB45	1569.64	72.34	-2.000%	0.00	1571.09	0.00	-2.000%	0.00	1571.09	HB45	0.0219	1.2070	0.0000	1.756	1.789	**Left**	HB45	12.00	0.00	4.50	0.80	5.30	18.000	**OK**	0.462	0.469	3.862	3.818		1.789
↑	Grade		2033+95.00	HB45	1569.76	72.11	-2.000%	0.00	1571.20	0.00	-2.000%	0.00	1571.20	HB45	0.0220	1.1987	0.0000	1.722	1.756	**Left**	HB45	12.00	0.00	4.50	0.73	5.23	18.000	**OK**	0.456	0.461	3.843	3.806		1.756
↑	Grade		2034+00.00	HB45	1569.87	71.88	-2.000%	0.00	1571.31	0.00	-2.000%	0.00	1571.31	HB45	0.0222	1.1904	0.0000	1.689	1.722	**Left**	HB45	12.00	0.00	4.50	0.66	5.16	18.000	**OK**	0.450	0.454	3.823	3.792		1.722
↑	Grade		2034+05.00	HB45	1569.99	71.66	-2.000%	0.00	1571.42	0.00	-2.000%	0.00	1571.42	HB45	0.0223	1.1822	0.0000	1.656	1.689	**Left**	HB45	12.00	0.00	4.50	0.60	5.10	18.000	**OK**	0.444	0.447	3.803	3.778		1.689
↑	Grade		2034+10.00	HB45	1570.10	71.43	-2.000%	0.00	1571.53	0.00	-2.000%	0.00	1571.53	HB45	0.0224	1.1739	0.0000	1.623	1.656	**Left**	HB45	12.00	0.00	4.50	0.53	5.03	18.000	**OK**	0.437	0.440	3.783	3.762		1.656
↑	Grade		2034+15.00	HB45	1570.22	71.20	-2.000%	0.00	1571.65	0.00	-2.000%	0.00	1571.65	HB45	0.0226	1.1657	0.0000	1.590	1.623	**Left**	HB45	12.00	0.00	4.50	0.46	4.96	18.000	**OK**	0.431	0.433	3.762	3.746		1.623
↑	Grade		2034+20.00	HB45	1570.34	70.98	-2.000%	0.00	1571.76	0.00	-2.000%	0.00	1571.76	HB45	0.0227	1.1575	0.0000	1.558	1.590	**Left**	HB45	12.00	0.00	4.50	0.39	4.89	18.000	**OK**	0.425	0.426	3.741	3.729		1.590
↑	Grade		2034+25.00	HB45	1570.46	70.75	-2.000%	0.00	1571.87	0.00	-2.000%	0.00	1571.87	HB45	0.0228	1.1494	0.0000	1.525	1.558	**Left**	HB45	12.00	0.00	4.50	0.32	4.82	18.000	**OK**	0.419	0.420	3.720	3.711		1.558
↑	Grade		2034+30.00	HB45	1570.58	70.53	-2.000%	0.00	1571.99	0.00	-2.000%	0.00	1571.99	HB45	0.0230	1.1412	0.0000	1.493	1.525	**Left**	HB45	12.00	0.00	4.50	0.25	4.75	18.000	**OK**	0.412	0.413	3.698	3.692		1.525
↑	Grade		2034+35.00	HB45	1570.70	70.30	-2.000%	0.00	1572.10	0.00	-2.000%	0.00	1572.10	HB45	0.0231	1.1331	0.0000	1.460	1.493	**Left**	HB45	12.00	0.00	4.50	0.18	4.68	18.000	**OK**	0.406	0.406	3.675	3.672		1.493
↑	Grade		2034+40.00	HB45	1570.82	70.07	-2.000%	0.00	1572.22	0.00	-2.000%	0.00	1572.22	HB45	0.0232	1.1251	0.0000	1.428	1.460	**Left**	HB45	12.00	0.00	4.50	0.11	4.61	18.000	**OK**	0.400	0.400	3.652	3.651		1.460
↑	Grade		2034+45.00	HB45	1570.94	69.85	-2.000%	0.00	1572.34	0.00	-2.000%	0.00	1572.34	HB45	0.0234	1.1170	0.0000	1.396	1.428	**Left**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.393	0.393	3.629	3.629		1.428
↑	Grade		2034+50.00	HB45	1571.06	69.62	-2.000%	0.00	1572.45	0.00	-2.000%	0.00	1572.45	HB45	0.0235	1.1090	0.0000	1.364	1.396	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.387	0.387	3.606	3.606		1.396
↑	Grade		2034+55.00	HB45	1571.19	69.40	-2.000%	0.00	1572.57	0.00	-2.000%	0.00	1572.57	HB45	0.0236	1.1010	0.0000	1.332	1.364	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.381	0.381	3.582	3.582		1.364
↑	Grade		2034+60.00	HB45	1571.31	69.17	-2.000%	0.00	1572.69	0.00	-2.000%	0.00	1572.69	HB45	0.0238	1.0930	0.0000	1.300	1.332	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.374	0.374	3.558	3.558		1.332
↑	Grade		2034+65.00	HB45	1571.43	68.94	-2.000%	0.00	1572.81	0.00	-2.000%	0.00	1572.81	HB45	0.0239	1.0850	0.0000	1.268	1.300	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.368	0.368	3.533	3.533		1.300
↑	Grade		2034+70.00	HB45	1571.56	68.72	-2.000%	0.00	1572.93	0.00	-2.000%	0.00	1572.93	HB45	0.0240	1.0771	0.0000	1.236	1.268	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.361	0.361	3.508	3.508		1.268
↑	Grade		2034+75.00	HB45	1571.68	68.49	-2.000%	0.00	1573.05	0.00	-2.000%	0.00	1573.05	HB45	0.0241	1.0692	0.0000	1.205	1.236	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.355	0.355	3.483	3.483		1.236
↑	Grade		2034+80.00	HB45	1571.81	68.26	-2.000%	0.00	1573.17	0.00	-2.000%	0.00	1573.17	HB45	0.0243	1.0613	0.0000	1.173	1.205	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.348	0.348	3.457	3.457		1.205
↑	Grade		2034+85.00	HB45	1571.93	68.04	-2.000%	0.00	1573.30	0.00	-2.000%	0.00	1573.30	HB45	0.0244	1.0535	0.0000	1.142	1.173	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.342	0.342	3.431	3.431		1.173
↑	Grade		2034+90.00	HB45	1572.06	67.81	-2.000%	0.00	1573.42	0.00	-2.000%	0.00	1573.42	HB45	0.0245	1.0457	0.0000	1.111	1.142	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.335	0.335	3.404	3.404		1.142
↑	Grade		2034+95.00	HB45	1572.19	67.59	-2.000%	0.00	1573.54	0.00	-2.000%	0.00	1573.54	HB45	0.0247	1.0379	0.0000	1.080	1.111	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.329	0.329	3.377	3.377		1.111
↑	Grade		2035+00.00	HB45	1572.32	67.36	-2.000%	0.00	1573.67	0.00	-2.000%	0.00	1573.67	HB45	0.0248	1.0301	0.0000	1.048	1.080	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.322	0.322	3.350	3.350		1.080
↑	Grade		2035+05.00	HB45	1572.45	67.13	-2.000%	0.00	1573.79	0.00	-2.000%	0.00	1573.79	HB45	0.0249	1.0224	0.0000	1.018	1.048	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.316	0.316	3.322	3.322		1.048
↑	Grade		2035+10.00	HB45	1572.58	66.91	-2.000%	0.00	1573.92	0.00	-2.000%	0.00	1573.92	HB45	0.0251	1.0146	0.0000	0.987	1.018	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.309	0.309	3.294	3.294		1.018
↑	Grade		2035+15.00	HB45	1572.71	66.68	-2.000%	0.00	1574.04	0.00	-2.000%	0.00	1574.04	HB45	0.0252	1.0069	0.0000	0.956	0.987	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.302	0.302	3.266	3.266		0.987
↑	Grade		2035+20.00	HB45	1572.84	66.46	-2.000%	0.00	1574.17	0.00	-2.000%	0.00	1574.17	HB45	0.0253	0.9993	0.0000	0.925	0.956	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.295	0.295	3.237	3.237		0.956
↑	Grade		2035+25.00	HB45	1572.97	66.23	-2.000%	0.00	1574.30	0.00	-2.000%	0.00	1574.30	HB45	0.0255	0.9916	0.0000	0.895	0.925	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.289	0.289	3.207	3.207		0.925
↑	Grade		2035+30.00	HB45	1573.10	66.00	-2.000%	0.00	1574.42	0.00	-2.000%	0.00	1574.42	HB45	0.0256	0.9840	0.0000	0.864	0.895	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.282	0.282	3.178	3.178		0.895
↑	Grade		2035+35.00	HB45	1573.24	65.78	-2.000%	0.00	1574.55	0.00	-2.000%	0.00	1574.55	HB45	0.0257	0.9764	0.0000	0.834	0.864	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.275	0.275	3.147	3.147		0.864

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2035+40.00	HB45	1573.37	65.55	-2.000%	0.00	1574.68	0.00	-2.000%	0.00	1574.68	HB45	0.0259	0.9689	0.0000	0.804	0.834	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.268	0.268	3.117	3.117		0.834
↑	Grade		2035+45.00	HB45	1573.50	65.33	-2.000%	0.00	1574.81	0.00	-2.000%	0.00	1574.81	HB45	0.0260	0.9613	0.0000	0.774	0.804	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.260	0.260	3.086	3.086		0.804
↑	Grade		2035+50.00	HB45	1573.64	65.10	-2.000%	0.00	1574.94	0.00	-2.000%	0.00	1574.94	HB45	0.0261	0.9538	0.0000	0.744	0.774	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.253	0.253	3.055	3.055		0.774
↑	Grade		2035+55.00	HB45	1573.78	64.87	-2.000%	0.00	1575.07	0.00	-2.000%	0.00	1575.07	HB45	0.0263	0.9463	0.0000	0.714	0.744	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.246	0.246	3.023	3.023		0.744
↑	Grade		2035+60.00	HB45	1573.91	64.65	-2.000%	0.00	1575.21	0.00	-2.000%	0.00	1575.21	HB45	0.0264	0.9389	0.0000	0.684	0.714	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.239	0.239	2.991	2.991		0.714
↑	Grade		2035+65.00	HB45	1574.05	64.42	-2.000%	0.00	1575.34	0.00	-2.000%	0.00	1575.34	HB45	0.0265	0.9314	0.0000	0.654	0.684	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.231	0.231	2.959	2.959		0.684
↑	Grade		2035+70.00	HB45	1574.19	64.19	-2.000%	0.00	1575.47	0.00	-2.000%	0.00	1575.47	HB45	0.0266	0.9240	0.0000	0.625	0.654	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.224	0.224	2.927	2.927		0.654
↑	Grade		2035+75.00	HB45	1574.33	63.97	-2.000%	0.00	1575.60	0.00	-2.000%	0.00	1575.60	HB45	0.0268	0.9166	0.0000	0.595	0.625	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.216	0.216	2.895	2.895		0.625
↑	Grade		2035+80.00	HB45	1574.46	63.74	-2.000%	0.00	1575.74	0.00	-2.000%	0.00	1575.74	HB45	0.0269	0.9093	0.0000	0.566	0.595	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.208	0.208	2.864	2.864		0.595
↑	Grade		2035+85.00	HB45	1574.60	63.52	-2.000%	0.00	1575.87	0.00	-2.000%	0.00	1575.87	HB45	0.0270	0.9020	0.0000	0.537	0.566	**Left**	HB45	12.00	0.00	4.47	0.00	4.47	18.000	**OK**	0.200	0.200	2.832	2.832		0.566
↑	Grade		2035+90.00	HB45	1574.74	63.29	-2.000%	0.00	1576.01	0.00	-2.000%	0.00	1576.01	HB45	0.0272	0.8947	0.0000	0.507	0.537	**Left**	HB45	12.00	0.00	4.38	0.00	4.38	18.000	**OK**	0.192	0.192	2.800	2.800		0.537
↑	Grade		2035+95.00	HB45	1574.89	63.06	-2.000%	0.00	1576.15	0.00	-2.000%	0.00	1576.15	HB45	0.0273	0.8874	0.0000	0.478	0.507	**Left**	HB45	12.00	0.00	4.28	0.00	4.28	18.000	**OK**	0.183	0.183	2.766	2.766		0.507
↑	Grade		2036+00.00	HB45	1575.03	62.84	-2.000%	0.00	1576.28	0.00	-2.000%	0.00	1576.28	HB45	0.0274	0.8801	0.0000	0.449	0.478	**Left**	HB45	12.00	0.00	4.19	0.00	4.19	18.000	**OK**	0.175	0.175	2.731	2.731		0.478
↑	Grade		2036+05.00	HB45	1575.17	62.61	-2.000%	0.00	1576.42	0.00	-2.000%	0.00	1576.42	HB45	0.0276	0.8729	0.0000	0.420	0.449	**Left**	HB45	12.00	0.00	4.08	0.00	4.08	18.000	**OK**	0.167	0.167	2.693	2.693		0.449
↑	Grade		2036+10.00	HB45	1575.31	62.39	-2.000%	0.00	1576.56	0.00	-2.000%	0.00	1576.56	HB45	0.0276	0.8657	0.0000	0.392	0.420	**Left**	HB45	12.00	0.00	3.98	0.00	3.98	18.000	**OK**	0.159	0.159	2.651	2.651		0.420
↑	Grade		2036+15.00	HB45	1575.46	62.16	-2.000%	0.00	1576.70	0.00	-2.000%	0.00	1576.70	HB45	0.0276	0.8585	0.0000	0.363	0.392	**Left**	HB45	12.00	0.00	3.88	0.00	3.88	18.000	**OK**	0.150	0.150	2.605	2.605		0.392
↑	Grade		2036+20.00	HB45	1575.60	61.93	-2.000%	0.00	1576.84	0.00	-2.000%	0.00	1576.84	HB45	0.0276	0.8514	0.0000	0.335	0.363	**Left**	HB45	12.00	0.00	3.77	0.00	3.77	18.000	**OK**	0.142	0.142	2.556	2.556		0.363
↑	Grade		2036+25.00	HB45	1575.74	61.71	-2.000%	0.00	1576.97	0.00	-2.000%	0.00	1576.97	HB45	0.0276	0.8443	0.0000	0.306	0.335	**Left**	HB45	12.00	0.00	3.66	0.00	3.66	18.000	**OK**	0.134	0.134	2.504	2.504		0.335
↑	Grade		2036+30.00	HB45	1575.88	61.48	-2.000%	0.00	1577.11	0.00	-2.000%	0.00	1577.11	HB45	0.0276	0.8372	0.0000	0.278	0.306	**Left**	HB45	12.00	0.00	3.54	0.00	3.54	18.000	**OK**	0.125	0.125	2.449	2.449		0.306
↑	Grade		2036+35.00	HB45	1576.03	61.26	-2.000%	0.00	1577.25	0.00	-2.000%	0.00	1577.25	HB45	0.0276	0.8301	0.0000	0.249	0.278	**Left**	HB45	12.00	0.00	3.41	0.00	3.41	18.000	**OK**	0.116	0.116	2.390	2.390		0.278
↑	Grade		2036+40.00	HB45	1576.17	61.03	-2.000%	0.00	1577.39	0.00	-2.000%	0.00	1577.39	HB45	0.0276	0.8231	0.0000	0.221	0.249	**Left**	HB45	12.00	0.00	3.27	0.00	3.27	18.000	**OK**	0.107	0.107	2.327	2.327		0.249
↑	Grade		2036+45.00	HB45	1576.31	60.80	-2.000%	0.00	1577.53	0.00	-2.000%	0.00	1577.53	HB45	0.0276	0.8160	0.0000	0.193	0.221	**Left**	HB45	12.00	0.00	3.13	0.00	3.13	18.000	**OK**	0.098	0.098	2.258	2.258		0.221
↑	Grade		2036+50.00	HB45	1576.45	60.58	-2.000%	0.00	1577.67	0.00	-2.000%	0.00	1577.67	HB45	0.0276	0.8090	0.0000	0.165	0.193	**Left**	HB45	12.00	0.00	2.98	0.00	2.98	18.000	**OK**	0.089	0.089	2.183	2.183		0.193
↑	Grade		2036+55.00	HB45	1576.60	60.35	-2.000%	0.00	1577.80	0.00	-2.000%	0.00	1577.80	HB45	0.0276	0.8021	0.0000	0.138	0.165	**Left**	HB45	12.00	0.00	2.81	0.00	2.81	18.000	**OK**	0.079	0.079	2.099	2.099		0.165
↑	Grade		2036+60.00	HB45	1576.74	60.12	-2.000%	0.00	1577.94	0.00	-2.000%	0.00	1577.94	HB45	0.0276	0.7951	0.0000	0.110	0.138	**Left**	HB45	12.00	0.00	2.62	0.00	2.62	18.000	**OK**	0.069	0.069	2.005	2.005		0.138
↑	Grade		2036+65.00	HB45	1576.88	59.90	-2.000%	0.00	1578.08	0.00	-2.000%	0.00	1578.08	HB45	0.0276	0.7882	0.0000	0.082	0.110	**Left**	HB45	12.00	0.00	2.41	0.00	2.41	18.000	**OK**	0.058	0.058	1.895	1.895		0.110
↑	Grade		2036+70.00	HB45	1577.02	59.67	-2.000%	0.00	1578.22	0.00	-2.000%	0.00	1578.22	HB45	0.0276	0.7813	0.0000	0.055	0.082	**Left**	HB45	12.00	0.00	2.16	0.00	2.16	18.000	**OK**	0.047	0.047	1.763	1.763		0.082
↑	Grade		2036+75.00	HB45	1577.17	59.45	-2.000%	0.00	1578.36	0.00	-2.000%	0.00	1578.36	HB45	0.0276	0.7745	0.0000	0.027	0.055	**Left**	HB45	12.00	0.00	1.85	0.00	1.85	18.000	**OK**	0.034	0.034	1.592	1.592		0.055
↑	Grade		2036+80.00	HB45	1577.31	59.22	-2.000%	0.00	1578.50	0.00	-2.000%	0.00	1578.50	HB45	0.0278	0.7676	0.0000	0.000	0.027	**Left**	HB45	12.00	0.00	1.43	0.00	1.43	18.000	**OK**	0.020	0.020	1.341	1.341		0.027
↑	Grade	**3**	2036+85.00	HB45	1577.43	60.09	-2.000%	0.00	1578.63	0.00	-2.000%	0.00	1578.63	HB45	0.0275	0.7608	0.0000	0.914	0.942	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	3.311	3.311	3	0.942
↑	Grade		2036+90.00	HB45	1577.57	59.99	-2.000%	0.00	1578.77	0.00	-2.000%	0.00	1578.77	HB45	0.0273	0.7540	0.0000	0.887	0.914	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.280	0.280	3.270	3.270		0.914
↑	Grade		2036+95.00	HB45	1577.71	59.90	-2.000%	0.00	1578.90	0.00	-2.000%	0.00	1578.90	HB45	0.0271	0.7471	0.0000	0.859	0.887	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.275	0.275	3.228	3.228		0.887
↑	Grade		2037+00.00	HB45	1577.84	59.80	-2.000%	0.00	1579.04	0.00	-2.000%	0.00	1579.04	HB45	0.0268	0.7402	0.0000	0.832	0.859	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.270	0.270	3.186	3.186		0.859
↑	Grade		2037+05.00	HB45	1577.98	59.70	-2.000%	0.00	1579.17	0.00	-2.000%	0.00	1579.17	HB45	0.0266	0.7333	0.0000	0.804	0.832	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.265	0.265	3.144	3.144		0.832
↑	Grade		2037+10.00	HB45	1578.11	59.60	-2.000%	0.00	1579.30	0.00	-2.000%	0.00	1579.30	HB45	0.0264	0.7265	0.0000	0.777	0.804	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	3.101	3.101		0.804
↑	Grade		2037+15.00	HB45	1578.24	59.51	-2.000%	0.00	1579.43	0.00	-2.000%	0.00	1579.43	HB45	0.0261	0.7196	0.0000	0.749	0.777	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.254	0.254	3.059	3.059		0.777
↑	Grade		2037+20.00	HB45	1578.38	59.41	-2.000%	0.00	1579.56	0.00	-2.000%	0.00	1579.56	HB45	0.0259	0.7128	0.0000	0.722	0.749	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.248	0.248	3.016	3.016		0.749
↑	Grade		2037+25.00	HB45	1578.51	59.31	-2.000%	0.00	1579.69	0.00	-2.000%	0.00	1579.69	HB45	0.0257	0.7060	0.0000	0.695	0.722	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.243	0.243	2.973	2.973		0.722
↑	Grade		2037+30.00	HB45	1578.63	59.22	-2.000%	0.00	1579.82	0.00	-2.000%	0.00	1579.82	HB45	0.0254	0.6992	0.0000	0.667	0.695	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.237	0.237	2.929	2.929		0.695
↑	Grade		2037+35.00	HB45	1578.76	59.12	-2.000%	0.00	1579.94	0.00	-2.000%	0.00	1579.94	HB45	0.0252	0.6923	0.0000	0.640	0.667	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.231	0.231	2.886	2.886		0.667
↑	Grade		2037+40.00	HB45	1578.89	59.02	-2.000%	0.00	1580.07	0.00	-2.000%	0.00	1580.07	HB45	0.0250	0.6856	0.0000	0.613	0.640	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.225	0.225	2.843	2.843		0.640
↑	Grade		2037+45.00	HB45	1579.02	58.92	-2.000%	0.00	1580.19	0.00	-2.000%	0.00	1580.19	HB45	0.0247	0.6788	0.0000	0.586	0.613	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.219	0.219	2.799	2.799		0.613
↑	Grade		2037+50.00	HB45	1579.14	58.83	-2.000%	0.00	1580.32	0.00	-2.000%	0.00	1580.32	HB45	0.0245	0.6720	0.0000	0.559	0.586	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.213	0.213	2.755	2.755		0.586
↑	Grade		2037+55.00	HB45	1579.26	58.73	-2.000%	0.00	1580.44	0.00	-2.000%	0.00	1580.44	HB45	0.0243	0.6653	0.0000	0.532	0.559	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.206	0.206	2.712	2.712		0.559
↑	Grade		2037+60.00	HB45	1579.39	58.63	-2.000%	0.00	1580.56	0.00	-2.000%	0.00	1580.56	HB45	0.0241	0.6585	0.0000	0.505	0.532	**Left**	HB45	12.00	0.00	4.46	0.00	4.46	18.000	**OK**	0.199	0.199	2.669	2.669		0.532
↑	Grade		2037+65.00	HB45	1579.51	58.53	-2.000%	0.00	1580.68	0.00	-2.000%	0.00	1580.68	HB45	0.0238	0.6518	0.0000	0.478	0.505	**Left**	HB45	12.00	0.00	4.38	0.00	4.38	18.000	**OK**	0.192	0.192	2.625	2.625		0.505
↑	Grade		2037+70.00	HB45	1579.63	58.44	-2.000%	0.00	1580.80	0.00	-2.000%	0.00	1580.80	HB45	0.0236	0.6450	0.0000	0.451	0.478	**Left**	HB45	12.00	0.00	4.30	0.00	4.30	18.000	**OK**	0.185	0.185	2.580	2.580		0.478
↑	Grade		2037+75.00	HB45	1579.75	58.34	-2.000%	0.00	1580.91	0.00	-2.000%	0.00	1580.91	HB45	0.0234	0.6383	0.0000	0.424	0.451	**Left**	HB45	12.00	0.00	4.22	0.00	4.22	18.000	**OK**	0.178	0.178	2.533	2.533		0.451
↑	Grade		2037+80.00	HB45	1579.86	58.24	-2.000%	0.00	1581.03	0.00	-2.000%	0.00	1581.03	HB45	0.0231	0.6316	0.0000	0.397	0.424	**Left**	HB45	12.00	0.00	4.13	0.00	4.13	18.000	**OK**	0.171	0.171	2.485	2.485		0.424
↑	Grade		2037+85.00	HB45	1579.98	58.15	-2.000%	0.00	1581.14	0.00	-2.000%	0.00	1581.14	HB45	0.0229	0.6249	0.0000	0.370	0.397	**Left**	HB45	12.00	0.00	4.04	0.00	4.04	18.000	**OK**	0.163	0.163	2.436	2.436		0.397
↑	Grade		2037+90.00	HB45	1580.09	58.05	-2.000%	0.00	1581.26	0.00	-2.000%	0.00	1581.26	HB45	0.0227	0.6183	0.0000	0.343	0.370	**Left**	HB45	12.00	0.00	3.94	0.00	3.94	18.000	**OK**	0.155	0.155	2.385	2.385		0.370
↑	Grade		2037+95.00	HB45	1580.21	57.95	-2.000%	0.00	1581.37	0.00	-2.000%	0.00	1581.37	HB45	0.0224	0.6116	0.0000	0.317	0.343	**Left**	HB45	12.00	0.00	3.84	0.00	3.84	18.000	**OK**	0.147	0.147	2.331	2.331		0.343
↑	Grade		2038+00.00	HB45	1580.32	57.85	-2.000%	0.00	1581.48	0.00	-2.000%	0.00	1581.48	HB45	0.0222	0.6049	0.0000	0.290	0.317	**Left**	HB45	12.00	0.00	3.73	0.00	3.73	18.000	**OK**	0.139	0.139	2.276	2.276		0.317
↑	Grade		2038+05.00	HB45	1580.43	57.76	-2.000%	0.00	1581.59	0.00	-2.000%	0.00	1581.59	HB45	0.0220	0.5983	0.0000	0.264	0.290	**Left**	HB45	12.00	0.00	3.62	0.00	3.62	18.000	**OK**	0.131	0.131	2.218	2.218		0.290
↑	Grade		2038+10.00	HB45	1580.54	57.66	-2.000%	0.00	1581.70	0.00	-2.000%	0.00	1581.70	HB45	0.0218	0.5917	0.0000	0.237	0.264	**Left**	HB45	12.00	0.00	3.50	0.00	3.50	18.000	**OK**	0.122	0.122	2.157	2.157		0.264
↑	Grade		2038+15.00	HB45	1580.65	57.56	-2.000%	0.00	1581.81	0.00	-2.000%	0.00	1581.81	HB45	0.0215	0.5850	0.0000	0.210	0.237	**Left**	HB45	12.00	0.00	3.37	0.00	3.37	18.000	**OK**	0.113	0.113	2.092	2.092		0.237
↑	Grade		2038+20.00	HB45	1580.76	57.47	-2.000%	0.00	1581.91	0.00	-2.000%	0.00	1581.91	HB45	0.0213	0.5784	0.0000	0.184	0.210	**Left**	HB45	12.00	0.00	3.23	0.00	3.23	18.000	**OK**	0.104	0.104	2.022	2.022		0.210
↑	Grade		2038+25.00	HB45	1580.87	57.37	-2.000%	0.00	1582.02	0.00	-2.000%	0.00	1582.02	HB45	0.0211	0.5718	0.0000	0.158	0.184	**Left**	HB45	12.00	0.00	3.07	0.00	3.07	18.000	**OK**	0.094	0.094	1.948	1.948		0.184
↑	Grade		2038+30.00	HB45	1580.98	57.27	-2.000%	0.00	1582.12	0.00	-2.000%	0.00	1582.12	HB45	0.0208	0.5652	0.0000	0.131	0.158	**Left**	HB45	12.00	0.00	2.91	0.00	2.91	18.000	**OK**	0.084	0.084	1.866	1.866		0.158
↑	Grade		2038+35.00	HB45	1581.08	57.17	-2.000%	0.00	1582.22	0.00	-2.000%	0.00	1582.22	HB45	0.0206	0.5586	0.0000	0.105	0.131	**Left**	HB45	12.00	0.00	2.72	0.00	2.72	18.000	**OK**	0.074	0.074	1.775	1.775		0.131
↑	Grade		2038+40.00	HB45	1581.18	57.08	-2.000%	0.00	1582.33	0.00	-2.000%	0.00	1582.33	HB45	0.0204	0.5521	0.0000	0.079	0.105	**Left**	HB45	12.00	0.00	2.51	0.00	2.51	18.000	**OK**	0.063	0.063	1.671	1.671		0.105
↑	Grade		2038+45.00	HB45	1581.29	56.98	-2.000%	0.00	1582.43	0.00	-2.000%	0.00	1582.43	HB45	0.0201	0.5455	0.0000	0.052	0.079	**Left**	HB45	12.00	0.00	2.25	0.00	2.25	18.000	**OK**	0.051	0.051	1.548	1.548		0.079
↑	Grade		2038+50.00	HB45	1581.39	56.88	-2.000%	0.00	1582.53	0.00	-2.000%	0.00	1582.53	HB45	0.0199	0.5390	0.0000	0.026	0.052	**Left**	HB45	12.00	0.00	1.94	0.00	1.94	18.000	**OK**	0.038	0.038	1.393	1.393		0.052
↑	Grade		2038+55.00	HB45	1581.49	56.78	-2.000%	0.00	1582.62	0.00	-2.000%	0.00	1582.62	HB45	0.0197	0.5324	0.0000	0.000	0.026	**Left**	HB45	12.00	0.00	1.50	0.00	1.50	18.000	**OK**	0.022	0.022	1.166	1.166		0.026
↑	Grade	**3**	2038+60.00	HB45	1581.59	56.69	-2.000%	0.00	1582.72	0.00	-2.000%	0.00	1582.72	HB45	0.0194	0.5259	0.0000	0.709	0.735	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.271	0.271	2.717	2.717	3	0.735
↑	Grade		2038+65.00	HB45	1581.69	56.59	-2.000%	0.00	1582.82	0.00	-2.000%	0.00	1582.82	HB45	0.0192	0.5194	0.0000	0.683	0.709	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.265	0.265	2.675	2.675		0.709
↑	Grade		2038+70.00	HB45	1581.78	56.49	-2.000%	0.00	1582.91	0.00	-2.000%	0.00	1582.91	HB45	0.0190	0.5129	0.0000	0.657	0.683	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	2.633	2.633		0.683
↑	Grade		2038+75.00	HB45	1581.88	56.40	-2.000%	0.00	1583.01	0.00	-2.000%	0.00	1583.01	HB45	0.0188	0.5064	0.0000	0.631	0.657	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.254	0.254	2.590	2.590		0.657
↑	Grade		2038+80.00	HB45	1581.97	56.30	-2.000%	0.00	1583.10	0.00	-2.000%	0.00	1583.10	HB45	0.0185	0.4999	0.0000	0.605	0.631	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.248	0.248	2.547	2.547		0.631
↑	Grade		2038+85.00	HB45	1582.07	56.20	-2.000%	0.00	1583.19	0.00	-2.000%	0.00	1583.19	HB45	0.0183	0.4935	0.0000	0.579	0.605	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.242	0.242	2.504	2.504		0.605
↑	Grade		2038+90.00	HB45	1582.16	56.10	-2.000%	0.00	1583.28	0.00	-2.000%	0.00	1583.28	HB45	0.0181	0.4870	0.0000	0.553	0.579	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.235	0.235	2.461	2.461		0.579
↑	Grade		2038+95.00	HB45	1582.25	56.01	-2.000%	0.00	1583.37	0.00	-2.000%	0.00	1583.37	HB45	0.0178	0.4806	0.0000	0.528	0.553	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.229	0.229	2.418	2.418		0.553
↑	Grade		2039+00.00	HB45	1582.34	55.91	-2.000%	0.00	1583.46	0.00	-2.000%	0.00	1583.46	HB45	0.0176	0.4741	0.0000	0.502	0.528	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.222	0.222	2.374	2.374		0.528
↑	Grade		2039+05.00	HB45	1582.42	56.02	-2.000%	0.00	1583.55	0.00	-2.000%	0.00	1583.55	HB45	0.0174	0.4677	0.0000	0.476	0.502	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.215	0.215	2.330	2.330		0.502

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2039+10.00	HB45	1582.51	56.12	-2.000%	0.00	1583.63	0.00	-2.000%	0.00	1583.63	HB45	0.0171	0.4613	0.0000	0.450	0.476	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.208	0.208	2.287	2.287		0.476
↑	Grade		2039+15.00	HB45	1582.59	56.23	-2.000%	0.00	1583.72	0.00	-2.000%	0.00	1583.72	HB45	0.0169	0.4548	0.0000	0.424	0.450	**Left**	HB45	12.00	0.00	4.48	0.00	4.48	18.000	**OK**	0.201	0.201	2.243	2.243		0.450
↑	Grade		2039+20.00	HB45	1582.67	56.34	-2.000%	0.00	1583.80	0.00	-2.000%	0.00	1583.80	HB45	0.0167	0.4484	0.0000	0.398	0.424	**Left**	HB45	12.00	0.00	4.39	0.00	4.39	18.000	**OK**	0.193	0.193	2.199	2.199		0.424
↑	Grade		2039+25.00	HB45	1582.75	56.45	-2.000%	0.00	1583.88	0.00	-2.000%	0.00	1583.88	HB45	0.0165	0.4419	0.0000	0.373	0.398	**Left**	HB45	12.00	0.00	4.30	0.00	4.30	18.000	**OK**	0.185	0.185	2.154	2.154		0.398
↑	Grade		2039+30.00	HB45	1582.83	56.55	-2.000%	0.00	1583.96	0.00	-2.000%	0.00	1583.96	HB45	0.0162	0.4355	0.0000	0.347	0.373	**Left**	HB45	12.00	0.00	4.21	0.00	4.21	18.000	**OK**	0.177	0.177	2.106	2.106		0.373
↑	Grade		2039+35.00	HB45	1582.91	56.66	-2.000%	0.00	1584.04	0.00	-2.000%	0.00	1584.04	HB45	0.0160	0.4290	0.0000	0.320	0.347	**Left**	HB45	12.00	0.00	4.10	0.00	4.10	18.000	**OK**	0.168	0.168	2.058	2.058		0.347
↑	Grade		2039+40.00	HB45	1582.99	56.77	-2.000%	0.00	1584.12	0.00	-2.000%	0.00	1584.12	HB45	0.0158	0.4225	0.0000	0.294	0.320	**Left**	HB45	12.00	0.00	4.00	0.00	4.00	18.000	**OK**	0.160	0.160	2.007	2.007		0.320
↑	Grade		2039+45.00	HB45	1583.06	56.87	-2.000%	0.00	1584.20	0.00	-2.000%	0.00	1584.20	HB45	0.0155	0.4160	0.0000	0.268	0.294	**Left**	HB45	12.00	0.00	3.88	0.00	3.88	18.000	**OK**	0.151	0.151	1.954	1.954		0.294
↑	Grade		2039+50.00	HB45	1583.14	56.98	-2.000%	0.00	1584.28	0.00	-2.000%	0.00	1584.28	HB45	0.0153	0.4094	0.0000	0.242	0.268	**Left**	HB45	12.00	0.00	3.76	0.00	3.76	18.000	**OK**	0.141	0.141	1.898	1.898		0.268
↑	Grade		2039+55.00	HB45	1583.21	57.09	-2.000%	0.00	1584.35	0.00	-2.000%	0.00	1584.35	HB45	0.0151	0.4029	0.0000	0.216	0.242	**Left**	HB45	12.00	0.00	3.63	0.00	3.63	18.000	**OK**	0.132	0.132	1.840	1.840		0.242
↑	Grade		2039+60.00	HB45	1583.28	57.19	-2.000%	0.00	1584.42	0.00	-2.000%	0.00	1584.42	HB45	0.0148	0.3964	0.0000	0.189	0.216	**Left**	HB45	12.00	0.00	3.48	0.00	3.48	18.000	**OK**	0.121	0.121	1.777	1.777		0.216
↑	Grade		2039+65.00	HB45	1583.35	57.30	-2.000%	0.00	1584.50	0.00	-2.000%	0.00	1584.50	HB45	0.0146	0.3898	0.0000	0.163	0.189	**Left**	HB45	12.00	0.00	3.33	0.00	3.33	18.000	**OK**	0.111	0.111	1.710	1.710		0.189
↑	Grade		2039+70.00	HB45	1583.42	57.41	-2.000%	0.00	1584.57	0.00	-2.000%	0.00	1584.57	HB45	0.0144	0.3832	0.0000	0.137	0.163	**Left**	HB45	12.00	0.00	3.16	0.00	3.16	18.000	**OK**	0.100	0.100	1.638	1.638		0.163
↑	Grade		2039+75.00	HB45	1583.49	57.52	-2.000%	0.00	1584.64	0.00	-2.000%	0.00	1584.64	HB45	0.0141	0.3767	0.0000	0.110	0.137	**Left**	HB45	12.00	0.00	2.96	0.00	2.96	18.000	**OK**	0.088	0.088	1.558	1.558		0.137
↑	Grade		2039+80.00	HB45	1583.56	57.62	-2.000%	0.00	1584.71	0.00	-2.000%	0.00	1584.71	HB45	0.0139	0.3701	0.0000	0.084	0.110	**Left**	HB45	12.00	0.00	2.74	0.00	2.74	18.000	**OK**	0.075	0.075	1.467	1.467		0.110
↑	Grade		2039+85.00	HB45	1583.62	57.73	-2.000%	0.00	1584.78	0.00	-2.000%	0.00	1584.78	HB45	0.0137	0.3634	0.0000	0.057	0.084	**Left**	HB45	12.00	0.00	2.48	0.00	2.48	18.000	**OK**	0.062	0.062	1.361	1.361		0.084
↑	Grade		2039+90.00	HB45	1583.69	57.84	-2.000%	0.00	1584.85	0.00	-2.000%	0.00	1584.85	HB45	0.0135	0.3568	0.0000	0.031	0.057	**Left**	HB45	12.00	0.00	2.16	0.00	2.16	18.000	**OK**	0.047	0.047	1.230	1.230		0.057
↑	Grade		2039+95.00	HB45	1583.75	57.94	-2.000%	0.00	1584.91	0.00	-2.000%	0.00	1584.91	HB45	0.0132	0.3502	0.0000	0.004	0.031	**Left**	HB45	12.00	0.00	1.71	0.00	1.71	18.000	**OK**	0.029	0.029	1.045	1.045		0.031
↑	Grade	**3**	2040+00.00	HB45	1583.82	58.05	-2.000%	0.00	1584.98	0.00	-2.000%	0.00	1584.98	HB45	0.0130	0.3436	0.0000	1.375	1.401	**Left**	HB45	12.00	0.00	4.50	0.85	5.35	18.000	**OK**	0.467	0.474	2.993	2.955	3	1.401
↑	Grade		2040+05.00	HB45	1583.88	58.16	-2.000%	0.00	1585.04	0.00	-2.000%	0.00	1585.04	HB45	0.0128	0.3369	0.0000	1.348	1.375	**Left**	HB45	12.00	0.00	4.50	0.82	5.32	18.000	**OK**	0.464	0.471	2.955	2.920		1.375
↑	Grade		2040+10.00	HB45	1583.94	58.26	-2.000%	0.00	1585.10	0.00	-2.000%	0.00	1585.10	HB45	0.0125	0.3302	0.0000	1.321	1.348	**Left**	HB45	12.00	0.00	4.50	0.79	5.29	18.000	**OK**	0.461	0.467	2.917	2.885		1.348
↑	Grade		2040+15.00	HB45	1584.00	58.37	-2.000%	0.00	1585.16	0.00	-2.000%	0.00	1585.16	HB45	0.0123	0.3235	0.0000	1.294	1.321	**Left**	HB45	12.00	0.00	4.50	0.76	5.26	18.000	**OK**	0.458	0.464	2.879	2.849		1.321
↑	Grade		2040+20.00	HB45	1584.06	58.48	-2.000%	0.00	1585.23	0.00	-2.000%	0.00	1585.23	HB45	0.0121	0.3168	0.0000	1.267	1.294	**Left**	HB45	12.00	0.00	4.50	0.72	5.22	18.000	**OK**	0.455	0.460	2.840	2.813		1.294
↑	Grade		2040+25.00	HB45	1584.11	58.59	-2.000%	0.00	1585.28	0.00	-2.000%	0.00	1585.28	HB45	0.0118	0.3101	0.0000	1.240	1.267	**Left**	HB45	12.00	0.00	4.50	0.69	5.19	18.000	**OK**	0.452	0.456	2.801	2.777		1.267
↑	Grade		2040+30.00	HB45	1584.17	58.69	-2.000%	0.00	1585.34	0.00	-2.000%	0.00	1585.34	HB45	0.0116	0.3034	0.0000	1.213	1.240	**Left**	HB45	12.00	0.00	4.50	0.65	5.15	18.000	**OK**	0.448	0.453	2.762	2.740		1.240
↑	Grade		2040+35.00	HB45	1584.22	58.80	-2.000%	0.00	1585.40	0.00	-2.000%	0.00	1585.40	HB45	0.0114	0.2967	0.0000	1.186	1.213	**Left**	HB45	12.00	0.00	4.50	0.61	5.11	18.000	**OK**	0.445	0.449	2.722	2.703		1.213
↑	Grade		2040+40.00	HB45	1584.28	58.91	-2.000%	0.00	1585.45	0.00	-2.000%	0.00	1585.45	HB45	0.0112	0.2900	0.0000	1.159	1.186	**Left**	HB45	12.00	0.00	4.50	0.58	5.08	18.000	**OK**	0.442	0.445	2.683	2.665		1.186
↑	Grade		2040+45.00	HB45	1584.33	59.01	-2.000%	0.00	1585.51	0.00	-2.000%	0.00	1585.51	HB45	0.0109	0.2832	0.0000	1.132	1.159	**Left**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.438	0.441	2.642	2.627		1.159
↑	Grade		2040+50.00	HB45	1584.38	59.12	-2.000%	0.00	1585.56	0.00	-2.000%	0.00	1585.56	HB45	0.0107	0.2764	0.0000	1.105	1.132	**Left**	HB45	12.00	0.00	4.50	0.50	5.00	18.000	**OK**	0.435	0.437	2.602	2.589		1.132
↑	Grade		2040+55.00	HB45	1584.43	59.23	-2.000%	0.00	1585.62	0.00	-2.000%	0.00	1585.62	HB45	0.0105	0.2696	0.0000	1.078	1.105	**Left**	HB45	12.00	0.00	4.50	0.46	4.96	18.000	**OK**	0.431	0.433	2.561	2.550		1.105
↑	Grade		2040+60.00	HB45	1584.48	59.33	-2.000%	0.00	1585.67	0.00	-2.000%	0.00	1585.67	HB45	0.0102	0.2629	0.0000	1.050	1.078	**Left**	HB45	12.00	0.00	4.50	0.42	4.92	18.000	**OK**	0.427	0.429	2.520	2.511		1.078
↑	Grade		2040+65.00	HB45	1584.53	59.44	-2.000%	0.00	1585.72	0.00	-2.000%	0.00	1585.72	HB45	0.0100	0.2561	0.0000	1.023	1.050	**Left**	HB45	12.00	0.00	4.50	0.37	4.87	18.000	**OK**	0.424	0.425	2.478	2.471		1.050
↑	Grade		2040+70.00	HB45	1584.57	59.55	-2.000%	0.00	1585.77	0.00	-2.000%	0.00	1585.77	HB45	0.0098	0.2492	0.0000	0.996	1.023	**Left**	HB45	12.00	0.00	4.50	0.33	4.83	18.000	**OK**	0.420	0.421	2.437	2.431		1.023
↑	Grade		2040+75.00	HB45	1584.62	59.66	-2.000%	0.00	1585.81	0.00	-2.000%	0.00	1585.81	HB45	0.0095	0.2424	0.0000	0.968	0.996	**Left**	HB45	12.00	0.00	4.50	0.29	4.79	18.000	**OK**	0.416	0.417	2.394	2.390		0.996
↑	Grade		2040+80.00	HB45	1584.66	59.76	-2.000%	0.00	1585.86	0.00	-2.000%	0.00	1585.86	HB45	0.0093	0.2356	0.0000	0.941	0.968	**Left**	HB45	12.00	0.00	4.50	0.24	4.74	18.000	**OK**	0.412	0.412	2.352	2.349		0.968
↑	Grade		2040+85.00	HB45	1584.71	59.87	-2.000%	0.00	1585.90	0.00	-2.000%	0.00	1585.90	HB45	0.0091	0.2287	0.0000	0.913	0.941	**Left**	HB45	12.00	0.00	4.50	0.19	4.69	18.000	**OK**	0.408	0.408	2.309	2.307		0.941
↑	Grade		2040+90.00	HB45	1584.75	59.98	-2.000%	0.00	1585.95	0.00	-2.000%	0.00	1585.95	HB45	0.0088	0.2218	0.0000	0.886	0.913	**Left**	HB45	12.00	0.00	4.50	0.15	4.65	18.000	**OK**	0.403	0.403	2.265	2.264		0.913
↑	Grade		2040+95.00	HB45	1584.79	60.08	-2.000%	0.00	1585.99	0.00	-2.000%	0.00	1585.99	HB45	0.0086	0.2150	0.0000	0.858	0.886	**Left**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.399	0.399	2.221	2.221		0.886
↑	Grade		2041+00.00	HB45	1584.83	60.19	-2.000%	0.00	1586.03	0.00	-2.000%	0.00	1586.03	HB45	0.0084	0.2081	0.0000	0.830	0.858	**Left**	HB45	12.00	0.00	4.50	0.05	4.55	18.000	**OK**	0.394	0.394	2.177	2.177		0.858
↑	Grade		2041+05.00	HB45	1585.12	47.87	-2.000%	0.00	1586.07	0.00	-2.000%	0.00	1586.07	HB45	0.0082	0.2012	0.0000	0.806	0.830	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.390	0.390	2.132	2.132		0.830
↑	Grade		2041+10.00	HB45	1585.15	47.99	-2.000%	0.00	1586.11	0.00	-2.000%	0.00	1586.11	HB45	0.0079	0.1950	0.0000	0.784	0.806	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	2.090	2.090		0.806
↑	Grade		2041+15.00	HB45	1585.19	48.12	-2.000%	0.00	1586.15	0.00	-2.000%	0.00	1586.15	HB45	0.0077	0.1895	0.0000	0.761	0.784	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	2.049	2.049		0.784
↑	Grade		2041+20.00	HB45	1585.23	48.24	-2.000%	0.00	1586.19	0.00	-2.000%	0.00	1586.19	HB45	0.0075	0.1840	0.0000	0.739	0.761	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.379	0.379	2.009	2.009		0.761
↑	Grade		2041+25.00	HB45	1585.26	48.36	-2.000%	0.00	1586.23	0.00	-2.000%	0.00	1586.23	HB45	0.0072	0.1784	0.0000	0.717	0.739	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.376	0.376	1.967	1.967		0.739
↑	Grade		2041+30.00	HB45	1585.29	48.48	-2.000%	0.00	1586.26	0.00	-2.000%	0.00	1586.26	HB45	0.0070	0.1729	0.0000	0.695	0.717	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.372	0.372	1.926	1.926		0.717
↑	Grade		2041+35.00	HB45	1585.32	48.61	-2.000%	0.00	1586.30	0.00	-2.000%	0.00	1586.30	HB45	0.0068	0.1673	0.0000	0.672	0.695	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.369	0.369	1.884	1.884		0.695
↑	Grade		2041+40.00	HB45	1585.35	48.73	-2.000%	0.00	1586.33	0.00	-2.000%	0.00	1586.33	HB45	0.0065	0.1617	0.0000	0.650	0.672	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.365	0.365	1.841	1.841		0.672
↑	Grade		2041+45.00	HB45	1585.38	48.85	-2.000%	0.00	1586.36	0.00	-2.000%	0.00	1586.36	HB45	0.0063	0.1562	0.0000	0.628	0.650	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.361	0.361	1.798	1.798		0.650
↑	Grade		2041+50.00	HB45	1585.41	48.98	-2.000%	0.00	1586.39	0.00	-2.000%	0.00	1586.39	HB45	0.0061	0.1506	0.0000	0.605	0.628	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.358	0.358	1.755	1.755		0.628
↑	Grade		2041+55.00	HB45	1585.44	49.10	-2.000%	0.00	1586.42	0.00	-2.000%	0.00	1586.42	HB45	0.0059	0.1449	0.0000	0.583	0.605	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.354	0.354	1.711	1.711		0.605
↑	Grade		2041+60.00	HB45	1585.46	49.22	-2.000%	0.00	1586.45	0.00	-2.000%	0.00	1586.45	HB45	0.0056	0.1393	0.0000	0.560	0.583	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.350	0.350	1.666	1.666		0.583
↑	Grade		2041+65.00	HB45	1585.49	49.34	-2.000%	0.00	1586.47	0.00	-2.000%	0.00	1586.47	HB45	0.0054	0.1337	0.0000	0.537	0.560	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.345	0.345	1.621	1.621		0.560
↑	Grade		2041+70.00	HB45	1585.51	49.47	-2.000%	0.00	1586.50	0.00	-2.000%	0.00	1586.50	HB45	0.0052	0.1280	0.0000	0.514	0.537	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	1.575	1.575		0.537
↑	Grade		2041+75.00	HB45	1585.53	49.59	-2.000%	0.00	1586.52	0.00	-2.000%	0.00	1586.52	HB45	0.0049	0.1223	0.0000	0.492	0.514	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.337	0.337	1.528	1.528		0.514
↑	Grade		2041+80.00	HB45	1585.55	49.71	-2.000%	0.00	1586.55	0.00	-2.000%	0.00	1586.55	HB45	0.0047	0.1167	0.0000	0.469	0.492	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.332	0.332	1.481	1.481		0.492
↑	Grade		2041+85.00	HB45	1585.57	49.84	-2.000%	0.00	1586.57	0.00	-2.000%	0.00	1586.57	HB45	0.0045	0.1110	0.0000	0.446	0.469	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.327	0.327	1.433	1.433		0.469
↑	Grade		2041+90.00	HB45	1585.59	49.96	-2.000%	0.00	1586.59	0.00	-2.000%	0.00	1586.59	HB45	0.0042	0.1053	0.0000	0.423	0.446	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.322	0.322	1.384	1.384		0.446
↑	Grade		2041+95.00	HB45	1585.61	50.08	-2.000%	0.00	1586.61	0.00	-2.000%	0.00	1586.61	HB45	0.0040	0.0995	0.0000	0.400	0.423	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.317	0.317	1.335	1.335		0.423
↑	Grade		2042+00.00	HB45	1585.63	50.20	-2.000%	0.00	1586.63	0.00	-2.000%	0.00	1586.63	HB45	0.0038	0.0938	0.0000	0.377	0.400	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.311	0.311	1.284	1.284		0.400
↑	Grade		2042+05.00	HB45	1585.64	50.33	-2.000%	0.00	1586.65	0.00	-2.000%	0.00	1586.65	HB45	0.0035	0.0880	0.0000	0.354	0.377	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.306	0.306	1.233	1.233		0.377
↑	Grade		2042+10.00	HB45	1585.66	50.45	-2.000%	0.00	1586.67	0.00	-2.000%	0.00	1586.67	HB45	0.0033	0.0823	0.0000	0.331	0.354	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.300	0.300	1.180	1.180		0.354
↑	Grade		2042+15.00	HB45	1585.67	50.57	-2.000%	0.00	1586.68	0.00	-2.000%	0.00	1586.68	HB45	0.0031	0.0765	0.0000	0.307	0.331	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.294	0.294	1.126	1.126		0.331
↑	Grade		2042+20.00	HB45	1585.68	50.70	-2.000%	0.00	1586.69	0.00	-2.000%	0.00	1586.69	HB45	0.0029	0.0707	0.0000	0.284	0.307	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.287	0.287	1.071	1.071		0.307
↑	Grade		2042+25.00	HB45	1585.69	50.82	-2.000%	0.00	1586.71	0.00	-2.000%	0.00	1586.71	HB45	0.0026	0.0649	0.0000	0.261	0.284	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.280	0.280	1.015	1.015		0.284
↑	Grade		2042+30.00	HB45	1585.70	50.94	-2.000%	0.00	1586.72	0.00	-2.000%	0.00	1586.72	HB45	0.0024	0.0590	0.0000	0.237	0.261	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.272	0.272	0.957	0.957		0.261
↑	Grade		2042+35.00	HB45	1585.71	51.06	-2.000%	0.00	1586.73	0.00	-2.000%	0.00	1586.73	HB45	0.0022	0.0532	0.0000	0.214	0.237	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.265	0.265	0.897	0.897		0.237
↑	Grade		2042+40.00	HB45	1585.72	51.19	-2.000%	0.00	1586.74	0.00	-2.000%	0.00	1586.74	HB45	0.0019	0.0473	0.0000	0.190	0.214	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.256	0.256	0.835	0.835		0.214
↑	Grade		2042+45.00	HB45	1585.72	51.31	-2.000%	0.00	1586.75	0.00	-2.000%	0.00	1586.75	HB45	0.0017	0.0415	0.0000	0.167	0.190	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.247	0.247	0.771	0.771		0.190
↑	Grade		2042+50.00	HB45	1585.73	51.43	-2.000%	0.00	1586.76	0.00	-2.000%	0.00	1586.76	HB45	0.0015	0.0356	0.0000	0.143	0.167	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.237	0.237	0.704	0.704		0.167
↑	Grade		2042+55.00	HB45	1585.73	51.56	-2.000%	0.00	1586.76	0.00	-2.000%	0.00	1586.76	HB45	0.0012	0.0297	0.0000	0.119	0.143	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.226	0.226	0.634	0.634		0.143
↑	Grade		2042+60.00	HB45	1585.73	51.68	-2.000%	0.00	1586.77	0.00	-2.000%	0.00	1586.77	HB45	0.0010	0.0238	0.0000	0.096	0.119	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.213	0.213	0.560	0.560		0.119
↑	Grade		2042+65.00	HB45	1585.74	51.80	-2.000%	0.00	1586.77	0.00	-2.000%	0.00	1586.77	HB45	0.0008	0.0179	0.0000	0.072	0.096	**Left**	HB45	12.00	0.00	4.46	0.00	4.46	18.000	**OK**	0.199	0.199	0.481	0.481		0.096
↑	Grade		2042+70.00	HB45	1585.74	51.92	-2.000%	0.00	1586.77	0.00	-2.000%	0.00	1586.77	HB45	0.0006	0.0119	0.0000	0.048	0.072	**Left**	HB45	12.00	0.00	4.28	0.00	4.28	18.000	**OK**	0.183	0.183	0.392	0.392		0.072
↑	Grade		2042+75.00	HB45	1585.73	52.05	-2.000%	0.00	1586.78	0.00	-2.000%	0.00	1586.78	HB45	0.0003	0.0060	0.0000	0.024	0.048	**Left**	HB45	12.00	0.00	4.07	0.00	4.07	18.000	**OK**	0.166	0.166	0.289	0.289		0.048

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Crest		2042+80.00	HB45	1585.73	52.17	-2.000%	0.00	1586.78	0.00	-2.000%	0.00	1586.78	HB45	0.0001	0.0000	0.0000	0.000	0.024	**Left**	HB45	12.00	0.00	3.99	0.00	3.99	18.000	**OK**	0.159	0.159	0.151	0.151		0.024
↓	Grade		2042+85.00	HB45	1585.73	52.29	-2.000%	0.00	1586.78	0.00	-2.000%	0.00	1586.78	HB45	-0.0001	0.0060	0.0000	0.024	0.048	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.225	0.225	0.213	0.213		0.048
↓	Grade		2042+90.00	HB45	1585.73	52.42	-2.000%	0.00	1586.77	0.00	-2.000%	0.00	1586.77	HB45	-0.0004	0.0120	0.0000	0.048	0.072	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.213	0.213	0.339	0.339		0.072
↓	Grade		2042+95.00	HB45	1585.72	52.54	-2.000%	0.00	1586.77	0.00	-2.000%	0.00	1586.77	HB45	-0.0006	0.0180	0.0000	0.072	0.096	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.220	0.220	0.437	0.437		0.096
↓	Grade		2043+00.00	HB45	1585.71	52.66	-2.000%	0.00	1586.77	0.00	-2.000%	0.00	1586.77	HB45	-0.0008	0.0241	0.0000	0.096	0.120	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.230	0.230	0.523	0.523		0.120
↓	Grade		2043+05.00	HB45	1585.71	52.78	-2.000%	0.00	1586.76	0.00	-2.000%	0.00	1586.76	HB45	-0.0011	0.0301	0.0000	0.120	0.145	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.240	0.240	0.602	0.602		0.145
↓	Grade		2043+10.00	HB45	1585.70	52.91	-2.000%	0.00	1586.75	0.00	-2.000%	0.00	1586.75	HB45	-0.0013	0.0362	0.0000	0.145	0.169	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.250	0.250	0.676	0.676		0.169
↓	Grade		2043+15.00	HB45	1585.69	53.03	-2.000%	0.00	1586.75	0.00	-2.000%	0.00	1586.75	HB45	-0.0015	0.0423	0.0000	0.169	0.193	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	0.746	0.746		0.193
↓	Grade		2043+20.00	HB45	1585.68	53.15	-2.000%	0.00	1586.74	0.00	-2.000%	0.00	1586.74	HB45	-0.0018	0.0484	0.0000	0.193	0.218	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.268	0.268	0.813	0.813		0.218
↓	Grade		2043+25.00	HB45	1585.66	53.28	-2.000%	0.00	1586.73	0.00	-2.000%	0.00	1586.73	HB45	-0.0020	0.0545	0.0000	0.218	0.242	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.276	0.276	0.877	0.877		0.242
↓	Grade		2043+30.00	HB45	1585.65	53.40	-2.000%	0.00	1586.72	0.00	-2.000%	0.00	1586.72	HB45	-0.0022	0.0606	0.0000	0.242	0.267	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	0.939	0.939		0.267
↓	Grade		2043+35.00	HB45	1585.63	53.52	-2.000%	0.00	1586.71	0.00	-2.000%	0.00	1586.71	HB45	-0.0024	0.0667	0.0000	0.267	0.291	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.292	0.292	0.999	0.999		0.291
↓	Grade		2043+40.00	HB45	1585.62	53.64	-2.000%	0.00	1586.69	0.00	-2.000%	0.00	1586.69	HB45	-0.0027	0.0729	0.0000	0.291	0.316	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.299	0.299	1.058	1.058		0.316
↓	Grade		2043+45.00	HB45	1585.60	53.77	-2.000%	0.00	1586.68	0.00	-2.000%	0.00	1586.68	HB45	-0.0029	0.0790	0.0000	0.316	0.341	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.306	0.306	1.115	1.115		0.341
↓	Grade		2043+50.00	HB45	1585.58	53.89	-2.000%	0.00	1586.66	0.00	-2.000%	0.00	1586.66	HB45	-0.0031	0.0852	0.0000	0.341	0.366	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.312	0.312	1.172	1.172		0.366
↓	Grade		2043+55.00	HB45	1585.56	54.01	-2.000%	0.00	1586.64	0.00	-2.000%	0.00	1586.64	HB45	-0.0034	0.0914	0.0000	0.366	0.390	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.318	0.318	1.226	1.226		0.390
↓	Grade		2043+60.00	HB45	1585.54	54.14	-2.000%	0.00	1586.63	0.00	-2.000%	0.00	1586.63	HB45	-0.0036	0.0976	0.0000	0.390	0.415	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.324	0.324	1.280	1.280		0.415
↓	Grade		2043+65.00	HB45	1585.52	54.26	-2.000%	0.00	1586.61	0.00	-2.000%	0.00	1586.61	HB45	-0.0038	0.1038	0.0000	0.415	0.440	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.330	0.330	1.333	1.333		0.440
↓	Grade		2043+70.00	HB45	1585.50	54.38	-2.000%	0.00	1586.59	0.00	-2.000%	0.00	1586.59	HB45	-0.0041	0.1101	0.0000	0.440	0.465	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.336	0.336	1.385	1.385		0.465
↓	Grade		2043+75.00	HB45	1585.48	54.50	-2.000%	0.00	1586.57	0.00	-2.000%	0.00	1586.57	HB45	-0.0043	0.1163	0.0000	0.465	0.490	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	1.437	1.437		0.490
↓	Grade		2043+80.00	HB45	1585.45	54.63	-2.000%	0.00	1586.54	0.00	-2.000%	0.00	1586.54	HB45	-0.0045	0.1226	0.0000	0.490	0.515	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.347	0.347	1.487	1.487		0.515
↓	Grade		2043+85.00	HB45	1585.42	54.75	-2.000%	0.00	1586.52	0.00	-2.000%	0.00	1586.52	HB45	-0.0048	0.1289	0.0000	0.515	0.541	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.352	0.352	1.537	1.537		0.541
↓	Grade		2043+90.00	HB45	1585.40	54.87	-2.000%	0.00	1586.49	0.00	-2.000%	0.00	1586.49	HB45	-0.0050	0.1352	0.0000	0.541	0.566	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.357	0.357	1.586	1.586		0.566
↓	Grade		2043+95.00	HB45	1585.37	55.00	-2.000%	0.00	1586.47	0.00	-2.000%	0.00	1586.47	HB45	-0.0052	0.1415	0.0000	0.566	0.591	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.362	0.362	1.635	1.635		0.591
↓	Grade		2044+00.00	HB45	1585.34	55.12	-2.000%	0.00	1586.44	0.00	-2.000%	0.00	1586.44	HB45	-0.0054	0.1478	0.0000	0.591	0.616	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.366	0.366	1.682	1.682		0.616
↓	Grade		2044+05.00	HB45	1585.31	55.24	-2.000%	0.00	1586.41	0.00	-2.000%	0.00	1586.41	HB45	-0.0057	0.1541	0.0000	0.616	0.642	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.371	0.371	1.730	1.730		0.642
↓	Grade		2044+10.00	HB45	1585.28	55.36	-2.000%	0.00	1586.38	0.00	-2.000%	0.00	1586.38	HB45	-0.0059	0.1605	0.0000	0.642	0.667	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.376	0.376	1.777	1.777		0.667
↓	Grade		2044+15.00	HB45	1585.24	55.49	-2.000%	0.00	1586.35	0.00	-2.000%	0.00	1586.35	HB45	-0.0061	0.1668	0.0000	0.667	0.693	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.380	0.380	1.823	1.823		0.693
↓	Grade		2044+20.00	HB45	1585.21	55.61	-2.000%	0.00	1586.32	0.00	-2.000%	0.00	1586.32	HB45	-0.0064	0.1732	0.0000	0.693	0.718	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.384	0.384	1.869	1.869		0.718
↓	Grade		2044+25.00	HB45	1585.16	56.30	-2.000%	0.00	1586.29	0.00	-2.000%	0.00	1586.29	HB45	-0.0066	0.1796	0.0000	0.718	0.744	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.389	0.389	1.915	1.915		0.744
↓	Grade		2044+30.00	HB45	1585.11	57.00	-2.000%	0.00	1586.25	0.00	-2.000%	0.00	1586.25	HB45	-0.0068	0.1861	0.0000	0.744	0.770	**Left**	HB45	12.00	0.00	4.50	0.03	4.53	18.000	**OK**	0.393	0.393	1.960	1.960		0.770
↓	Grade		2044+35.00	HB45	1585.06	57.69	-2.000%	0.00	1586.22	0.00	-2.000%	0.00	1586.22	HB45	-0.0071	0.1927	0.0000	0.770	0.797	**Left**	HB45	12.00	0.00	4.50	0.08	4.58	18.000	**OK**	0.397	0.397	2.005	2.005		0.797
↓	Grade		2044+40.00	HB45	1585.01	58.39	-2.000%	0.00	1586.18	0.00	-2.000%	0.00	1586.18	HB45	-0.0073	0.1994	0.0000	0.797	0.823	**Left**	HB45	12.00	0.00	4.50	0.13	4.63	18.000	**OK**	0.401	0.402	2.050	2.050		0.823
↓	Grade		2044+45.00	HB45	1584.96	59.08	-2.000%	0.00	1586.14	0.00	-2.000%	0.00	1586.14	HB45	-0.0075	0.2061	0.0000	0.823	0.850	**Left**	HB45	12.00	0.00	4.50	0.18	4.68	18.000	**OK**	0.406	0.406	2.095	2.094		0.850
↓	Grade		2044+50.00	HB45	1584.91	59.77	-2.000%	0.00	1586.11	0.00	-2.000%	0.00	1586.11	HB45	-0.0077	0.2129	0.0000	0.850	0.878	**Left**	HB45	12.00	0.00	4.50	0.22	4.72	18.000	**OK**	0.410	0.411	2.140	2.138		0.878
↓	Grade		2044+55.00	HB45	1584.86	60.47	-2.000%	0.00	1586.07	0.00	-2.000%	0.00	1586.07	HB45	-0.0080	0.2198	0.0000	0.878	0.905	**Left**	HB45	12.00	0.00	4.50	0.27	4.77	18.000	**OK**	0.414	0.415	2.185	2.181		0.905
↓	Grade		2044+60.00	HB45	1584.80	61.16	-2.000%	0.00	1586.02	0.00	-2.000%	0.00	1586.02	HB45	-0.0082	0.2268	0.0000	0.905	0.933	**Left**	HB45	12.00	0.00	4.50	0.32	4.82	18.000	**OK**	0.419	0.420	2.229	2.225		0.933
↓	Grade		2044+65.00	HB45	1584.76	61.16	-2.000%	0.00	1585.98	0.00	-2.000%	0.00	1585.98	HB45	-0.0084	0.2338	0.0000	0.933	0.961	**Left**	HB45	12.00	0.00	4.50	0.36	4.86	18.000	**OK**	0.423	0.424	2.274	2.267		0.961
↓	Grade		2044+70.00	HB45	1584.72	61.16	-2.000%	0.00	1585.94	0.00	-2.000%	0.00	1585.94	HB45	-0.0087	0.2409	0.0000	0.961	0.990	**Left**	HB45	12.00	0.00	4.50	0.41	4.91	18.000	**OK**	0.427	0.428	2.317	2.309		0.990
↓	Grade		2044+75.00	HB45	1584.67	61.17	-2.000%	0.00	1585.89	0.00	-2.000%	0.00	1585.89	HB45	-0.0089	0.2479	0.0000	0.990	1.018	**Left**	HB45	12.00	0.00	4.50	0.45	4.95	18.000	**OK**	0.431	0.433	2.361	2.351		1.018
↓	Grade		2044+80.00	HB45	1584.63	61.17	-2.000%	0.00	1585.85	0.00	-2.000%	0.00	1585.85	HB45	-0.0091	0.2549	0.0000	1.018	1.046	**Left**	HB45	12.00	0.00	4.50	0.50	5.00	18.000	**OK**	0.435	0.437	2.404	2.392		1.046
↓	Grade		2044+85.00	HB45	1584.58	61.17	-2.000%	0.00	1585.80	0.00	-2.000%	0.00	1585.80	HB45	-0.0094	0.2619	0.0000	1.046	1.074	**Left**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.439	0.441	2.447	2.433		1.074
↓	Grade		2044+90.00	HB45	1584.53	61.17	-2.000%	0.00	1585.75	0.00	-2.000%	0.00	1585.75	HB45	-0.0096	0.2689	0.0000	1.074	1.102	**Left**	HB45	12.00	0.00	4.50	0.58	5.08	18.000	**OK**	0.442	0.446	2.489	2.473		1.102
↓	Grade		2044+95.00	HB45	1584.48	61.17	-2.000%	0.00	1585.71	0.00	-2.000%	0.00	1585.71	HB45	-0.0098	0.2760	0.0000	1.102	1.130	**Left**	HB45	12.00	0.00	4.50	0.62	5.12	18.000	**OK**	0.446	0.450	2.531	2.513		1.130
↓	Grade		2045+00.00	HB45	1584.43	61.18	-2.000%	0.00	1585.66	0.00	-2.000%	0.00	1585.66	HB45	-0.0101	0.2830	0.0000	1.130	1.158	**Left**	HB45	12.00	0.00	4.50	0.66	5.16	18.000	**OK**	0.450	0.454	2.573	2.552		1.158
↓	Grade		2045+05.00	HB45	1584.38	61.18	-2.002%	0.00	1585.60	0.00	-2.002%	0.00	1585.60	HB45	-0.0103	0.2900	0.0000	1.158	1.187	**Left**	HB45	12.00	0.00	4.50	0.70	5.20	18.000	**OK**	0.453	0.458	2.614	2.591		1.187
↓	Grade		2045+10.00	HB45	1584.33	61.18	-2.004%	0.00	1585.55	0.00	-2.004%	0.00	1585.55	HB45	-0.0105	0.2970	0.0000	1.187	1.215	**Left**	HB45	12.00	0.00	4.50	0.74	5.24	18.000	**OK**	0.457	0.462	2.656	2.629		1.215
↓	Grade		2045+15.00	HB45	1584.27	61.18	-2.006%	0.00	1585.50	0.00	-2.006%	0.00	1585.50	HB45	-0.0107	0.3040	0.0000	1.215	1.243	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.460	0.466	2.696	2.667		1.243
↓	Grade		2045+20.00	HB45	1584.21	61.18	-2.008%	0.00	1585.44	0.00	-2.008%	0.00	1585.44	HB45	-0.0110	0.3111	0.0000	1.243	1.271	**Left**	HB45	12.00	0.00	4.50	0.81	5.31	18.000	**OK**	0.463	0.470	2.737	2.705		1.271
↓	Grade		2045+25.00	HB45	1584.16	61.19	-2.010%	0.00	1585.39	0.00	-2.010%	0.00	1585.39	HB45	-0.0112	0.3181	0.0000	1.271	1.299	**Left**	HB45	12.00	0.00	4.50	0.85	5.35	18.000	**OK**	0.467	0.474	2.777	2.743		1.299
↓	Grade		2045+30.00	HB45	1584.10	61.19	-2.013%	0.00	1585.33	0.00	-2.013%	0.00	1585.33	HB45	-0.0114	0.3251	0.0000	1.299	1.327	**Left**	HB45	12.00	0.00	4.50	0.88	5.38	18.000	**OK**	0.470	0.478	2.817	2.780		1.327
↓	Grade		2045+35.00	HB45	1584.04	61.19	-2.015%	0.00	1585.27	0.00	-2.015%	0.00	1585.27	HB45	-0.0117	0.3321	0.0000	1.327	1.356	**Left**	HB45	12.00	0.00	4.50	0.91	5.41	18.000	**OK**	0.473	0.481	2.857	2.816		1.356
↓	Grade		2045+40.00	HB45	1583.98	61.19	-2.017%	0.00	1585.21	0.00	-2.017%	0.00	1585.21	HB45	-0.0119	0.3392	0.0000	1.356	1.384	**Left**	HB45	12.00	0.00	4.50	0.95	5.45	18.000	**OK**	0.476	0.485	2.896	2.853		1.384
↓	Grade		2045+45.00	HB45	1583.92	61.19	-2.019%	0.00	1585.15	0.00	-2.019%	0.00	1585.15	HB45	-0.0121	0.3462	0.0000	1.384	1.412	**Left**	HB45	12.00	0.00	4.50	0.98	5.48	18.000	**OK**	0.479	0.489	2.936	2.889		1.412
↓	Grade		2045+50.00	HB45	1583.85	61.20	-2.021%	0.00	1585.09	0.00	-2.021%	0.00	1585.09	HB45	-0.0124	0.3532	0.0000	1.412	1.440	**Left**	HB45	12.00	0.00	4.50	1.01	5.51	18.000	**OK**	0.482	0.492	2.975	2.924		1.440
↓	Grade		2045+55.00	HB45	1583.79	61.20	-2.023%	0.00	1585.03	0.00	-2.023%	0.00	1585.03	HB45	-0.0126	0.3602	0.0000	1.440	1.468	**Left**	HB45	12.00	0.00	4.50	1.04	5.54	18.000	**OK**	0.485	0.496	3.013	2.960		1.468
↓	Grade		2045+60.00	HB45	1583.72	61.20	-2.025%	0.00	1584.96	0.00	-2.025%	0.00	1584.96	HB45	-0.0128	0.3673	0.0000	1.468	1.496	**Left**	HB45	12.00	0.00	4.50	1.07	5.57	18.000	**OK**	0.488	0.500	3.052	2.995		1.496
↓	Grade		2045+65.00	HB45	1583.66	61.20	-2.027%	0.00	1584.90	0.00	-2.027%	0.00	1584.90	HB45	-0.0130	0.3743	0.0000	1.496	1.525	**Left**	HB45	12.00	0.00	4.50	1.11	5.61	18.000	**OK**	0.491	0.503	3.090	3.030		1.525
↓	Grade		2045+70.00	HB45	1583.59	61.20	-2.029%	0.00	1584.83	0.00	-2.029%	0.00	1584.83	HB45	-0.0133	0.3813	0.0000	1.525	1.553	**Left**	HB45	12.00	0.00	4.50	1.13	5.63	18.000	**OK**	0.494	0.507	3.128	3.064		1.553
↓	Grade		2045+75.00	HB45	1583.52	61.21	-2.031%	0.00	1584.76	0.00	-2.031%	0.00	1584.76	HB45	-0.0135	0.3883	0.0000	1.553	1.581	**Left**	HB45	12.00	0.00	4.50	1.16	5.66	18.000	**OK**	0.496	0.510	3.166	3.099		1.581
↓	Grade		2045+80.00	HB45	1583.45	61.21	-2.033%	0.00	1584.69	0.00	-2.033%	0.00	1584.69	HB45	-0.0137	0.3954	0.0000	1.581	1.609	**Left**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.499	0.514	3.203	3.133		1.609
↓	Grade		2045+85.00	HB45	1583.38	61.21	-2.035%	0.00	1584.62	0.00	-2.035%	0.00	1584.62	HB45	-0.0140	0.4024	0.0000	1.609	1.637	**Left**	HB45	12.00	0.00	4.50	1.22	5.72	18.000	**OK**	0.502	0.517	3.241	3.166		1.637
↓	Grade		2045+90.00	HB45	1583.31	61.21	-2.038%	0.00	1584.55	0.00	-2.038%	0.00	1584.55	HB45	-0.0142	0.4094	0.0000	1.637	1.665	**Left**	HB45	12.00	0.00	4.50	1.25	5.75	18.000	**OK**	0.505	0.520	3.278	3.200		1.665
↓	Grade	**3**	2045+95.00	HB45	1583.23	61.21	-2.040%	0.00	1584.48	0.00	-2.040%	0.00	1584.48	HB45	-0.0144	0.4164	0.0000	1.665	1.693	**Left**	HB45	12.00	0.00	4.50	1.28	5.78	18.000	**OK**	0.507	0.524	3.315	3.233	3	1.693
↓	Grade		2046+00.00	HB45	1583.16	61.22	-2.042%	0.00	1584.41	0.00	-2.042%	0.00	1584.41	HB45	-0.0147	0.4235	0.0000	0.013	0.041	**Left**	HB45	12.00	0.00	1.87	0.00	1.87	18.000	**OK**	0.035	0.035	1.168	1.168		0.041
↓	Grade		2046+05.00	HB45	1583.08	61.22	-2.044%	0.00	1584.33	0.00	-2.044%	0.00	1584.33	HB45	-0.0149	0.4305	0.0000	0.041	0.069	**Left**	HB45	12.00	0.00	2.27	0.00	2.27	18.000	**OK**	0.052	0.052	1.339	1.339		0.069
↓	Grade		2046+10.00	HB45	1583.01	61.22	-2.046%	0.00	1584.26	0.00	-2.046%	0.00	1584.26	HB45	-0.0151	0.4375	0.0000	0.069	0.097	**Left**	HB45	12.00	0.00	2.58	0.00	2.58	18.000	**OK**	0.066	0.066	1.467	1.467		0.097
↓	Grade		2046+15.00	HB45	1582.93	61.22	-2.048%	0.00	1584.18	0.00	-2.048%	0.00	1584.18	HB45	-0.0154	0.4446	0.0000	0.097	0.125	**Left**	HB45	12.00	0.00	2.83	0.00	2.83	18.000	**OK**	0.080	0.080	1.572	1.572		0.125
↓	Grade		2046+20.00	HB45	1582.85	61.22	-2.050%	0.00	1584.10	0.00	-2.050%	0.00	1584.10	HB45	-0.0156	0.4516	0.0000	0.125	0.154	**Left**	HB45	12.00	0.00	3.04	0.00	3.04	18.000	**OK**	0.092	0.092	1.663	1.663		0.154
↓	Grade		2046+25.00	HB45	1582.77	61.23	-2.052%	0.00	1584.02	0.00	-2.052%	0.00	1584.02	HB45	-0.0158	0.4586	0.0000	0.154	0.182	**Left**	HB45	12.00	0.00	3.23	0.00	3.23	18.000	**OK**	0.104	0.104	1.744	1.744		0.182
↓	Grade		2046+30.00	HB45	1582.69	61.23	-2.054%	0.00	1583.94	0.00	-2.054%	0.00	1583.94	HB45	-0.0160	0.4656	0.0000	0.182	0.210	**Left**	HB45	12.00	0.00	3.40	0.00	3.40	18.000	**OK**	0.116	0.116	1.818	1.818		0.210
↓	Grade		2046+35.00	HB45	1582.60	61.23	-2.056%	0.00	1583.86	0.00	-2.056%	0.00	1583.86	HB45	-0.0163	0.4727	0.0000	0.210	0.238	**Left**	HB45	12.00	0.00	3.55	0.00	3.55	18.000	**OK**	0.126	0.126	1.886	1.886		0.238
↓	Grade		2046+40.00	HB45	1582.52	61.23	-2.058%	0.00	1583.78	0.00	-2.058%	0.00	1583.78	HB45	-0.0165	0.4797	0.0000	0.238	0.266	**Left**	HB45	12.00	0.00	3.70	0.00	3.70	18.000	**OK**	0.137	0.137	1.949	1.949		0.266
↓	Grade		2046+45.00	HB45	1582.43	61.23	-2.060%	0.00	1583.70	0.00	-2.060%	0.00	1583.70	HB45	-0.0167	0.4867	0.0000	0.266	0.295	**Left**	HB45	12.00	0.00	3.83	0.00	3.83	18.000	**OK**	0.147	0.147	2.010	2.010		0.295

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade		2046+50.00	HB45	1582.35	61.24	-2.063%	0.00	1583.61	0.00	-2.063%	0.00	1583.61	HB45	-0.0170	0.4937	0.0000	0.295	0.323	**Left**	HB45	12.00	0.00	3.95	0.00	3.95	18.000	**OK**	0.156	0.156	2.067	2.067		0.323
↓	Grade		2046+55.00	HB45	1582.26	61.24	-2.065%	0.00	1583.53	0.00	-2.065%	0.00	1583.53	HB45	-0.0172	0.5008	0.0000	0.323	0.351	**Left**	HB45	12.00	0.00	4.07	0.00	4.07	18.000	**OK**	0.165	0.165	2.121	2.121		0.351
↓	Grade		2046+60.00	HB45	1582.17	61.24	-2.067%	0.00	1583.44	0.00	-2.067%	0.00	1583.44	HB45	-0.0174	0.5078	0.0000	0.351	0.379	**Left**	HB45	12.00	0.00	4.18	0.00	4.18	18.000	**OK**	0.174	0.174	2.173	2.173		0.379
↓	Grade		2046+65.00	HB45	1582.08	61.24	-2.069%	0.00	1583.35	0.00	-2.069%	0.00	1583.35	HB45	-0.0177	0.5148	0.0000	0.379	0.407	**Left**	HB45	12.00	0.00	4.28	0.00	4.28	18.000	**OK**	0.183	0.183	2.223	2.223		0.407
↓	Grade		2046+70.00	HB45	1581.99	61.24	-2.071%	0.00	1583.26	0.00	-2.071%	0.00	1583.26	HB45	-0.0179	0.5219	0.0000	0.407	0.435	**Left**	HB45	12.00	0.00	4.38	0.00	4.38	18.000	**OK**	0.192	0.192	2.272	2.272		0.435
↓	Grade		2046+75.00	HB45	1581.90	61.25	-2.073%	0.00	1583.17	0.00	-2.073%	0.00	1583.17	HB45	-0.0181	0.5289	0.0000	0.435	0.464	**Left**	HB45	12.00	0.00	4.47	0.00	4.47	18.000	**OK**	0.200	0.200	2.319	2.319		0.464
↓	Grade		2046+80.00	HB45	1581.81	61.25	-2.075%	0.00	1583.08	0.00	-2.075%	0.00	1583.08	HB45	-0.0183	0.5359	0.0000	0.464	0.492	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.208	0.208	2.365	2.365		0.492
↓	Grade		2046+85.00	HB45	1581.71	61.25	-2.077%	0.00	1582.99	0.00	-2.077%	0.00	1582.99	HB45	-0.0185	0.5430	0.0000	0.492	0.520	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.216	0.216	2.406	2.406		0.520
↓	Grade		2046+90.00	HB45	1581.62	61.25	-2.079%	0.00	1582.89	0.00	-2.079%	0.00	1582.89	HB45	-0.0185	0.5500	0.0000	0.520	0.548	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.225	0.225	2.441	2.441		0.548
↓	Grade		2046+95.00	HB45	1581.53	61.25	-2.081%	0.00	1582.80	0.00	-2.081%	0.00	1582.80	HB45	-0.0185	0.5570	0.0000	0.548	0.576	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.233	0.233	2.476	2.476		0.576
↓	Grade		2047+00.00	HB45	1581.43	61.26	-2.083%	0.00	1582.71	0.00	-2.083%	0.00	1582.71	HB45	-0.0185	0.5640	0.0000	0.576	0.605	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.241	0.241	2.512	2.512		0.605
↓	Grade		2047+05.00	HB45	1581.34	61.26	-2.085%	0.00	1582.62	0.00	-2.085%	0.00	1582.62	HB45	-0.0185	0.5711	0.0000	0.605	0.633	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.248	0.248	2.546	2.546		0.633
↓	Grade		2047+10.00	HB45	1581.25	61.26	-2.088%	0.00	1582.52	0.00	-2.088%	0.00	1582.52	HB45	-0.0185	0.5781	0.0000	0.633	0.661	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.256	0.256	2.581	2.581		0.661
↓	Grade		2047+15.00	HB45	1581.15	61.26	-2.090%	0.00	1582.43	0.00	-2.090%	0.00	1582.43	HB45	-0.0185	0.5851	0.0000	0.661	0.689	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.264	0.264	2.615	2.615		0.689
↓	Grade		2047+20.00	HB45	1581.06	61.26	-2.092%	0.00	1582.34	0.00	-2.092%	0.00	1582.34	HB45	-0.0185	0.5922	0.0000	0.689	0.717	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.271	0.271	2.649	2.649		0.717
↓	Grade		2047+25.00	HB45	1580.96	61.27	-2.094%	0.00	1582.25	0.00	-2.094%	0.00	1582.25	HB45	-0.0185	0.5992	0.0000	0.717	0.745	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.278	0.278	2.682	2.682		0.745
↓	Grade		2047+30.00	HB45	1580.87	61.27	-2.096%	0.00	1582.16	0.00	-2.096%	0.00	1582.16	HB45	-0.0185	0.6062	0.0000	0.745	0.774	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.285	0.285	2.715	2.715		0.774
↓	Grade		2047+35.00	HB45	1580.78	61.27	-2.098%	0.00	1582.06	0.00	-2.098%	0.00	1582.06	HB45	-0.0185	0.6133	0.0000	0.774	0.802	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.292	0.292	2.747	2.747		0.802
↓	Grade		2047+40.00	HB45	1580.68	61.27	-2.100%	0.00	1581.97	0.00	-2.100%	0.00	1581.97	HB45	-0.0185	0.6203	0.0000	0.802	0.830	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.299	0.299	2.779	2.779		0.830
↓	Grade		2047+45.00	HB45	1580.59	61.27	-2.102%	0.00	1581.88	0.00	-2.102%	0.00	1581.88	HB45	-0.0185	0.6273	0.0000	0.830	0.858	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.305	0.305	2.811	2.811		0.858
↓	Grade		2047+50.00	HB45	1580.50	61.28	-2.104%	0.00	1581.79	0.00	-2.104%	0.00	1581.79	HB45	-0.0185	0.6344	0.0000	0.858	0.886	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.312	0.312	2.842	2.842		0.886
↓	Grade		2047+55.00	HB45	1580.40	61.28	-2.106%	0.00	1581.69	0.00	-2.106%	0.00	1581.69	HB45	-0.0185	0.6414	0.0000	0.886	0.915	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.318	0.318	2.872	2.872		0.915
↓	Grade		2047+60.00	HB45	1580.31	61.28	-2.108%	0.00	1581.60	0.00	-2.108%	0.00	1581.60	HB45	-0.0185	0.6484	0.0000	0.915	0.943	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.325	0.325	2.903	2.903		0.943
↓	Grade		2047+65.00	HB45	1580.22	61.28	-2.110%	0.00	1581.51	0.00	-2.110%	0.00	1581.51	HB45	-0.0185	0.6555	0.0000	0.943	0.971	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.331	0.331	2.932	2.932		0.971
↓	Grade		2047+70.00	HB45	1580.12	61.28	-2.113%	0.00	1581.42	0.00	-2.113%	0.00	1581.42	HB45	-0.0185	0.6625	0.0000	0.971	0.999	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.337	0.337	2.962	2.962		0.999
↓	Grade		2047+75.00	HB45	1580.03	61.29	-2.115%	0.00	1581.32	0.00	-2.115%	0.00	1581.32	HB45	-0.0185	0.6695	0.0000	0.999	1.027	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.344	0.344	2.991	2.991		1.027
↓	Grade		2047+80.00	HB45	1579.93	61.29	-2.117%	0.00	1581.23	0.00	-2.117%	0.00	1581.23	HB45	-0.0185	0.6766	0.0000	1.027	1.056	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.350	0.350	3.020	3.020		1.056
↓	Grade		2047+85.00	HB45	1579.84	61.29	-2.119%	0.00	1581.14	0.00	-2.119%	0.00	1581.14	HB45	-0.0185	0.6836	0.0000	1.056	1.084	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.356	0.356	3.048	3.048		1.084
↓	Grade		2047+90.00	HB45	1579.75	61.29	-2.121%	0.00	1581.05	0.00	-2.121%	0.00	1581.05	HB45	-0.0185	0.6906	0.0000	1.084	1.112	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.362	0.362	3.076	3.076		1.112
↓	Grade		2047+95.00	HB45	1579.65	61.29	-2.123%	0.00	1580.96	0.00	-2.123%	0.00	1580.96	HB45	-0.0185	0.6977	0.0000	1.112	1.140	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.367	0.367	3.104	3.104		1.140
↓	Grade		2048+00.00	HB45	1579.56	61.30	-2.125%	0.00	1580.86	0.00	-2.125%	0.00	1580.86	HB45	-0.0185	0.7047	0.0000	1.140	1.168	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	3.131	3.131		1.168
↓	Grade		2048+05.00	HB45	1579.47	61.30	-2.127%	0.00	1580.77	0.00	-2.127%	0.00	1580.77	HB45	-0.0185	0.7118	0.0000	1.168	1.197	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.379	0.379	3.158	3.158		1.197
↓	Grade		2048+10.00	HB45	1579.37	61.30	-2.129%	0.00	1580.68	0.00	-2.129%	0.00	1580.68	HB45	-0.0185	0.7188	0.0000	1.197	1.225	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.385	0.385	3.185	3.185		1.225
↓	Grade		2048+15.00	HB45	1579.28	61.30	-2.131%	0.00	1580.59	0.00	-2.131%	0.00	1580.59	HB45	-0.0185	0.7258	0.0000	1.225	1.253	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.390	0.390	3.211	3.211		1.253
↓	Grade		2048+20.00	HB45	1579.19	61.30	-2.133%	0.00	1580.49	0.00	-2.133%	0.00	1580.49	HB45	-0.0185	0.7329	0.0000	1.253	1.281	**Left**	HB45	12.00	0.00	4.50	0.06	4.56	18.000	**OK**	0.396	0.396	3.237	3.237		1.281
↓	Grade		2048+25.00	HB45	1579.09	61.31	-2.135%	0.00	1580.40	0.00	-2.135%	0.00	1580.40	HB45	-0.0185	0.7399	0.0000	1.281	1.310	**Left**	HB45	12.00	0.00	4.50	0.12	4.62	18.000	**OK**	0.401	0.401	3.263	3.262		1.310
↓	Grade		2048+30.00	HB45	1579.00	61.31	-2.138%	0.00	1580.31	0.00	-2.138%	0.00	1580.31	HB45	-0.0185	0.7469	0.0000	1.310	1.338	**Left**	HB45	12.00	0.00	4.50	0.17	4.67	18.000	**OK**	0.407	0.407	3.289	3.286		1.338
↓	Grade		2048+35.00	HB45	1578.90	61.31	-2.140%	0.00	1580.22	0.00	-2.140%	0.00	1580.22	HB45	-0.0185	0.7540	0.0000	1.338	1.366	**Left**	HB45	12.00	0.00	4.50	0.23	4.73	18.000	**OK**	0.412	0.413	3.314	3.310		1.366
↓	Grade		2048+40.00	HB45	1578.81	61.31	-2.142%	0.00	1580.12	0.00	-2.142%	0.00	1580.12	HB45	-0.0185	0.7610	0.0000	1.366	1.394	**Left**	HB45	12.00	0.00	4.50	0.28	4.78	18.000	**OK**	0.417	0.418	3.339	3.333		1.394
↓	Grade		2048+45.00	HB45	1578.72	61.31	-2.144%	0.00	1580.03	0.00	-2.144%	0.00	1580.03	HB45	-0.0185	0.7680	0.0000	1.394	1.422	**Left**	HB45	12.00	0.00	4.50	0.34	4.84	18.000	**OK**	0.423	0.424	3.363	3.355		1.422
↓	Grade		2048+50.00	HB45	1578.62	61.32	-2.146%	0.00	1579.94	0.00	-2.146%	0.00	1579.94	HB45	-0.0185	0.7751	0.0000	1.422	1.451	**Left**	HB45	12.00	0.00	4.50	0.39	4.89	18.000	**OK**	0.428	0.430	3.388	3.376		1.451
↓	Grade		2048+55.00	HB45	1578.53	61.32	-2.148%	0.00	1579.85	0.00	-2.148%	0.00	1579.85	HB45	-0.0185	0.7821	0.0000	1.451	1.479	**Left**	HB45	12.00	0.00	4.50	0.45	4.95	18.000	**OK**	0.433	0.435	3.412	3.397		1.479
↓	Grade		2048+60.00	HB45	1578.44	61.32	-2.150%	0.00	1579.76	0.00	-2.150%	0.00	1579.76	HB45	-0.0185	0.7892	0.0000	1.479	1.507	**Left**	HB45	12.00	0.00	4.50	0.50	5.00	18.000	**OK**	0.438	0.441	3.435	3.417		1.507
↓	Grade		2048+65.00	HB45	1578.34	61.32	-2.152%	0.00	1579.66	0.00	-2.152%	0.00	1579.66	HB45	-0.0185	0.7962	0.0000	1.507	1.535	**Left**	HB45	12.00	0.00	4.50	0.55	5.05	18.000	**OK**	0.443	0.447	3.459	3.437		1.535
↓	Grade		2048+70.00	HB45	1578.25	61.32	-2.154%	0.00	1579.57	0.00	-2.154%	0.00	1579.57	HB45	-0.0185	0.8032	0.0000	1.535	1.563	**Left**	HB45	12.00	0.00	4.50	0.60	5.10	18.000	**OK**	0.448	0.452	3.482	3.457		1.563
↓	Grade		2048+75.00	HB45	1578.16	61.33	-2.156%	0.00	1579.48	0.00	-2.156%	0.00	1579.48	HB45	-0.0185	0.8103	0.0000	1.563	1.592	**Left**	HB45	12.00	0.00	4.50	0.65	5.15	18.000	**OK**	0.453	0.458	3.505	3.475		1.592
↓	Grade		2048+80.00	HB45	1578.06	61.33	-2.158%	0.00	1579.39	0.00	-2.158%	0.00	1579.39	HB45	-0.0185	0.8173	0.0000	1.592	1.620	**Left**	HB45	12.00	0.00	4.50	0.70	5.20	18.000	**OK**	0.458	0.464	3.528	3.494		1.620
↓	Grade		2048+85.00	HB45	1577.97	61.33	-2.160%	0.00	1579.29	0.00	-2.160%	0.00	1579.29	HB45	-0.0185	0.8244	0.0000	1.620	1.648	**Left**	HB45	12.00	0.00	4.50	0.75	5.25	18.000	**OK**	0.463	0.469	3.550	3.512		1.648
↓	Grade		2048+90.00	HB45	1577.87	61.33	-2.163%	0.00	1579.20	0.00	-2.163%	0.00	1579.20	HB45	-0.0185	0.8314	0.0000	1.648	1.676	**Left**	HB45	12.00	0.00	4.50	0.80	5.30	18.000	**OK**	0.468	0.475	3.572	3.529		1.676
↓	Grade		2048+95.00	HB45	1577.78	61.33	-2.165%	0.00	1579.11	0.00	-2.165%	0.00	1579.11	HB45	-0.0185	0.8384	0.0000	1.676	1.705	**Left**	HB45	12.00	0.00	4.50	0.85	5.35	18.000	**OK**	0.473	0.481	3.594	3.546		1.705
↓	Grade		2049+00.00	HB45	1577.69	61.34	-2.167%	0.00	1579.02	0.00	-2.167%	0.00	1579.02	HB45	-0.0185	0.8455	0.0000	1.705	1.733	**Left**	HB45	12.00	0.00	4.50	0.90	5.40	18.000	**OK**	0.478	0.486	3.616	3.563		1.733
↓	Grade		2049+05.00	HB45	1577.59	61.34	-2.169%	0.00	1578.92	0.00	-2.169%	0.00	1578.92	HB45	-0.0185	0.8525	0.0000	1.733	1.761	**Left**	HB45	12.00	0.00	4.50	0.95	5.45	18.000	**OK**	0.482	0.492	3.637	3.579		1.761
↓	Grade		2049+10.00	HB45	1577.50	61.34	-2.171%	0.00	1578.83	0.00	-2.171%	0.00	1578.83	HB45	-0.0185	0.8596	0.0000	1.761	1.789	**Left**	HB45	12.00	0.00	4.50	0.99	5.49	18.000	**OK**	0.487	0.498	3.658	3.596		1.789
↓	Grade		2049+15.00	HB45	1577.32	65.30	-2.173%	0.00	1578.74	0.00	-2.173%	0.00	1578.74	HB45	-0.0185	0.8668	0.0000	1.789	1.818	**Left**	HB45	12.00	0.00	4.50	1.04	5.54	18.000	**OK**	0.492	0.503	3.680	3.612		1.818
↓	Grade		2049+20.00	HB45	1577.22	65.49	-2.175%	0.00	1578.65	0.00	-2.175%	0.00	1578.65	HB45	-0.0185	0.8743	0.0000	1.818	1.848	**Left**	HB45	12.00	0.00	4.50	1.09	5.59	18.000	**OK**	0.497	0.509	3.702	3.628		1.848
↓	Grade		2049+25.00	HB45	1577.13	65.68	-2.177%	0.00	1578.56	0.00	-2.177%	0.00	1578.56	HB45	-0.0185	0.8819	0.0000	1.848	1.879	**Left**	HB45	12.00	0.00	4.50	1.14	5.64	18.000	**OK**	0.501	0.516	3.724	3.644		1.879
↓	Grade		2049+30.00	HB45	1577.03	65.87	-2.179%	0.00	1578.46	0.00	-2.179%	0.00	1578.46	HB45	-0.0185	0.8894	0.0000	1.879	1.909	**Left**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.506	0.522	3.746	3.660		1.909
↓	Grade		2049+35.00	HB45	1576.93	66.06	-2.181%	0.00	1578.37	0.00	-2.181%	0.00	1578.37	HB45	-0.0185	0.8970	0.0000	1.909	1.939	**Left**	HB45	12.00	0.00	4.50	1.23	5.73	18.000	**OK**	0.511	0.528	3.767	3.676		1.939
↓	Grade		2049+40.00	HB45	1576.83	66.25	-2.183%	0.00	1578.28	0.00	-2.183%	0.00	1578.28	HB45	-0.0185	0.9046	0.0000	1.939	1.970	**Left**	HB45	12.00	0.00	4.50	1.28	5.78	18.000	**OK**	0.516	0.534	3.788	3.691		1.970
↓	Grade		2049+45.00	HB45	1576.73	66.45	-2.185%	0.00	1578.19	0.00	-2.185%	0.00	1578.19	HB45	-0.0185	0.9122	0.0000	1.970	2.000	**Left**	HB45	12.00	0.00	4.50	1.33	5.83	18.000	**OK**	0.521	0.540	3.810	3.706		2.000
↓	Grade		2049+50.00	HB45	1576.64	66.64	-2.188%	0.00	1578.09	0.00	-2.188%	0.00	1578.09	HB45	-0.0185	0.9198	0.0000	2.000	2.031	**Left**	HB45	12.00	0.00	4.50	1.37	5.87	18.000	**OK**	0.525	0.546	3.831	3.721		2.031
↓	Grade		2049+55.00	HB45	1576.54	66.83	-2.190%	0.00	1578.00	0.00	-2.190%	0.00	1578.00	HB45	-0.0185	0.9275	0.0000	2.031	2.062	**Left**	HB45	12.00	0.00	4.50	1.42	5.92	18.000	**OK**	0.530	0.552	3.851	3.735		2.062
↓	Grade		2049+60.00	HB45	1576.44	67.02	-2.192%	0.00	1577.91	0.00	-2.192%	0.00	1577.91	HB45	-0.0185	0.9352	0.0000	2.062	2.092	**Left**	HB45	12.00	0.00	4.50	1.47	5.97	18.000	**OK**	0.535	0.558	3.872	3.749		2.092
↓	Grade		2049+65.00	HB45	1576.34	67.21	-2.194%	0.00	1577.82	0.00	-2.194%	0.00	1577.82	HB45	-0.0185	0.9429	0.0000	2.092	2.123	**Left**	HB45	12.00	0.00	4.50	1.51	6.01	18.000	**OK**	0.539	0.564	3.893	3.764		2.123
↓	Grade		2049+70.00	HB45	1576.24	67.40	-2.196%	0.00	1577.72	0.00	-2.196%	0.00	1577.72	HB45	-0.0185	0.9506	0.0000	2.123	2.154	**Left**	HB45	12.00	0.00	4.50	1.56	6.06	18.000	**OK**	0.544	0.570	3.913	3.777		2.154
↓	Grade		2049+75.00	HB45	1576.15	67.59	-2.198%	0.00	1577.63	0.00	-2.198%	0.00	1577.63	HB45	-0.0185	0.9584	0.0000	2.154	2.185	**Left**	HB45	12.00	0.00	4.50	1.60	6.10	18.000	**OK**	0.548	0.576	3.933	3.791		2.185
↓	Grade		2049+80.00	HB45	1576.07	66.90	-2.200%	0.00	1577.54	0.00	-2.200%	0.00	1577.54	HB45	-0.0185	0.9661	0.0000	2.185	2.216	**Left**	HB45	12.00	0.00	4.50	1.64	6.14	18.000	**OK**	0.553	0.583	3.953	3.804		2.216
↓	Grade		2049+85.00	HB45	1575.99	66.22	-2.202%	0.00	1577.45	0.00	-2.202%	0.00	1577.45	HB45	-0.0185	0.9737	0.0000	2.216	2.247	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.557	0.589	3.973	3.818		2.247
↓	Grade		2049+90.00	HB45	1575.91	65.53	-2.204%	0.00	1577.35	0.00	-2.204%	0.00	1577.35	HB45	-0.0185	0.9813	0.0000	2.247	2.277	**Left**	HB45	12.00	0.00	4.50	1.73	6.23	18.000	**OK**	0.562	0.595	3.992	3.830		2.277
↓	Grade		2049+95.00	HB45	1575.83	64.84	-2.206%	0.00	1577.26	0.00	-2.206%	0.00	1577.26	HB45	-0.0185	0.9888	0.0000	2.277	2.307	**Left**	HB45	12.00	0.00	4.50	1.77	6.27	18.000	**OK**	0.566	0.600	4.011	3.843		2.307
↓	Grade		2050+00.00	HB45	1575.75	64.15	-2.208%	0.00	1577.17	0.00	-2.208%	0.00	1577.17	HB45	-0.0185	0.9962	0.0000	2.307	2.337	**Left**	HB45	12.00	0.00	4.50	1.81	6.31	18.000	**OK**	0.570	0.606	4.029	3.855		2.337
↓	Grade		2050+05.00	HB45	1575.68	63.47	-2.210%	0.00	1577.08	0.00	-2.210%	0.00	1577.08	HB45	-0.0185	1.0035	0.0000	2.337	2.366	**Left**	HB45	12.00	0.00	4.50	1.85	6.35	18.000	**OK**	0.574	0.612	4.047	3.866		2.366
↓	Grade		2050+10.00	HB45	1575.60	62.78	-2.213%	0.00	1576.99	0.00	-2.213%	0.00	1576.99	HB45	-0.0185	1.0107	0.0000	2.366	2.395	**Left**	HB45	12.00	0.00	4.50	1.89	6.39	18.000	**OK**	0.578	0.618	4.065	3.878		2.395
↓	Grade		2050+15.00	HB45	1575.52	62.09	-2.215%	0.00	1576.89	0.00	-2.215%	0.00	1576.89	HB45	-0.0185	1.0179	0.0000	2.395	2.424	**Left**	HB45	12.00	0.00	4.50	1.93	6.43	18.000	**OK**	0.582	0.623	4.082	3.889		2.424

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade		2050+20.00	HB45	1575.44	61.41	-2.217%	0.00	1576.80	0.00	-2.217%	0.00	1576.80	HB45	-0.0185	1.0250	0.0000	2.424	2.452	**Left**	HB45	12.00	0.00	4.50	1.96	6.46	18.000	**OK**	0.586	0.629	4.099	3.900		2.452
↓	Grade		2050+25.00	HB45	1575.36	60.72	-2.219%	0.00	1576.71	0.00	-2.219%	0.00	1576.71	HB45	-0.0185	1.0320	0.0000	2.452	2.481	**Left**	HB45	12.00	0.00	4.50	2.00	6.50	18.000	**OK**	0.590	0.634	4.116	3.911		2.481
↓	Grade		2050+30.00	HB45	1575.28	60.03	-2.221%	0.00	1576.62	0.00	-2.221%	0.00	1576.62	HB45	-0.0185	1.0389	0.0000	2.481	2.508	**Left**	HB45	12.00	0.00	4.50	2.04	6.54	18.000	**OK**	0.594	0.640	4.132	3.921		2.508
↓	Grade		2050+35.00	HB45	1575.20	59.34	-2.223%	0.00	1576.52	0.00	-2.223%	0.00	1576.52	HB45	-0.0185	1.0458	0.0000	2.508	2.536	**Left**	HB45	12.00	0.00	4.50	2.07	6.57	18.000	**OK**	0.597	0.645	4.148	3.931		2.536
↓	Grade		2050+40.00	HB45	1575.13	58.66	-2.225%	0.00	1576.43	0.00	-2.225%	0.00	1576.43	HB45	-0.0185	1.0525	0.0000	2.536	2.563	**Left**	HB45	12.00	0.00	4.50	2.11	6.61	18.000	**OK**	0.601	0.650	4.164	3.941		2.563
↓	Grade		2050+45.00	HB45	1575.05	57.97	-2.227%	0.00	1576.34	0.00	-2.227%	0.00	1576.34	HB45	-0.0185	1.0592	0.0000	2.563	2.590	**Left**	HB45	12.00	0.00	4.50	2.14	6.64	18.000	**OK**	0.604	0.655	4.179	3.951		2.590
↓	Grade		2050+50.00	HB45	1574.95	57.99	-2.229%	0.00	1576.25	0.00	-2.229%	0.00	1576.25	HB45	-0.0185	1.0659	0.0000	2.590	2.616	**Left**	HB45	12.00	0.00	4.50	2.17	6.67	18.000	**OK**	0.608	0.661	4.194	3.961		2.616
↓	Grade		2050+55.00	HB45	1574.86	58.01	-2.231%	0.00	1576.15	0.00	-2.231%	0.00	1576.15	HB45	-0.0185	1.0726	0.0000	2.616	2.643	**Left**	HB45	12.00	0.00	4.50	2.21	6.71	18.000	**OK**	0.611	0.666	4.209	3.970		2.643
↓	Grade		2050+60.00	HB45	1574.77	58.03	-2.233%	0.00	1576.06	0.00	-2.233%	0.00	1576.06	HB45	-0.0185	1.0792	0.0000	2.643	2.670	**Left**	HB45	12.00	0.00	4.50	2.24	6.74	18.000	**OK**	0.615	0.671	4.224	3.980		2.670
↓	Grade		2050+65.00	HB45	1574.67	58.05	-2.235%	0.00	1575.97	0.00	-2.235%	0.00	1575.97	HB45	-0.0185	1.0859	0.0000	2.670	2.697	**Left**	HB45	12.00	0.00	4.50	2.27	6.77	18.000	**OK**	0.618	0.676	4.239	3.989		2.697
↓	Grade		2050+70.00	HB45	1574.58	58.07	-2.238%	0.00	1575.88	0.00	-2.238%	0.00	1575.88	HB45	-0.0185	1.0925	0.0000	2.697	2.723	**Left**	HB45	12.00	0.00	4.50	2.30	6.80	18.000	**OK**	0.622	0.681	4.254	3.998		2.723
↓	Grade		2050+75.00	HB45	1574.48	58.09	-2.240%	0.00	1575.79	0.00	-2.240%	0.00	1575.79	HB45	-0.0185	1.0992	0.0000	2.723	2.750	**Left**	HB45	12.00	0.00	4.50	2.33	6.83	18.000	**OK**	0.625	0.686	4.269	4.007		2.750
↓	Grade		2050+80.00	HB45	1574.39	58.11	-2.242%	0.00	1575.69	0.00	-2.242%	0.00	1575.69	HB45	-0.0185	1.1059	0.0000	2.750	2.777	**Left**	HB45	12.00	0.00	4.50	2.37	6.87	18.000	**OK**	0.629	0.691	4.283	4.016		2.777
↓	Grade	**3**	2050+85.00	HB45	1574.30	58.13	-2.244%	0.00	1575.60	0.00	-2.244%	0.00	1575.60	HB45	-0.0185	1.1125	0.0000	2.777	2.803	**Left**	HB45	12.00	0.00	4.50	2.40	6.90	18.000	**OK**	0.632	0.696	4.298	4.025	3	2.803
↓	Grade		2050+90.00	HB45	1574.20	58.15	-2.246%	0.00	1575.51	0.00	-2.246%	0.00	1575.51	HB45	-0.0185	1.1192	0.0000	0.198	0.225	**Left**	HB45	12.00	0.00	3.40	0.00	3.40	18.000	**OK**	0.115	0.115	1.949	1.949		0.225
↓	Grade		2050+95.00	HB45	1574.11	58.18	-2.248%	0.00	1575.42	0.00	-2.248%	0.00	1575.42	HB45	-0.0185	1.1259	0.0000	0.225	0.252	**Left**	HB45	12.00	0.00	3.54	0.00	3.54	18.000	**OK**	0.125	0.125	2.004	2.004		0.252
↓	Grade		2051+00.00	HB45	1574.01	58.20	-2.250%	0.00	1575.32	0.00	-2.250%	0.00	1575.32	HB45	-0.0185	1.1326	0.0000	0.252	0.278	**Left**	HB45	12.00	0.00	3.68	0.00	3.68	18.000	**OK**	0.135	0.135	2.056	2.056		0.278
↓	Grade		2051+05.00	HB45	1573.92	58.22	-2.252%	0.00	1575.23	0.00	-2.252%	0.00	1575.23	HB45	-0.0185	1.1393	0.0000	0.278	0.305	**Left**	HB45	12.00	0.00	3.81	0.00	3.81	18.000	**OK**	0.145	0.145	2.103	2.103		0.305
↓	Grade		2051+10.00	HB45	1573.83	58.24	-2.254%	0.00	1575.14	0.00	-2.254%	0.00	1575.14	HB45	-0.0185	1.1459	0.0000	0.305	0.332	**Left**	HB45	12.00	0.00	3.93	0.00	3.93	18.000	**OK**	0.154	0.154	2.148	2.148		0.332
↓	Grade		2051+15.00	HB45	1573.73	58.26	-2.256%	0.00	1575.05	0.00	-2.256%	0.00	1575.05	HB45	-0.0185	1.1526	0.0000	0.332	0.359	**Left**	HB45	12.00	0.00	4.05	0.00	4.05	18.000	**OK**	0.164	0.164	2.190	2.190		0.359
↓	Grade		2051+20.00	HB45	1573.64	58.28	-2.258%	0.00	1574.95	0.00	-2.258%	0.00	1574.95	HB45	-0.0185	1.1593	0.0000	0.359	0.385	**Left**	HB45	12.00	0.00	4.16	0.00	4.16	18.000	**OK**	0.173	0.173	2.230	2.230		0.385
↓	Grade		2051+25.00	HB45	1573.54	58.30	-2.260%	0.00	1574.86	0.00	-2.260%	0.00	1574.86	HB45	-0.0185	1.1660	0.0000	0.385	0.412	**Left**	HB45	12.00	0.00	4.26	0.00	4.26	18.000	**OK**	0.182	0.182	2.268	2.268		0.412
↓	Grade		2051+30.00	HB45	1573.45	58.32	-2.263%	0.00	1574.77	0.00	-2.263%	0.00	1574.77	HB45	-0.0185	1.1727	0.0000	0.412	0.439	**Left**	HB45	12.00	0.00	4.37	0.00	4.37	18.000	**OK**	0.191	0.191	2.304	2.304		0.439
↓	Grade		2051+35.00	HB45	1573.36	58.34	-2.265%	0.00	1574.68	0.00	-2.265%	0.00	1574.68	HB45	-0.0185	1.1794	0.0000	0.439	0.466	**Left**	HB45	12.00	0.00	4.46	0.00	4.46	18.000	**OK**	0.199	0.199	2.338	2.338		0.466
↓	Grade		2051+40.00	HB45	1573.26	58.36	-2.267%	0.00	1574.59	0.00	-2.267%	0.00	1574.59	HB45	-0.0185	1.1861	0.0000	0.466	0.493	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.208	0.208	2.372	2.372		0.493
↓	Grade		2051+45.00	HB45	1573.17	58.38	-2.269%	0.00	1574.49	0.00	-2.269%	0.00	1574.49	HB45	-0.0185	1.1928	0.0000	0.493	0.520	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.216	0.216	2.405	2.405		0.520
↓	Grade		2051+50.00	HB45	1573.07	58.40	-2.271%	0.00	1574.40	0.00	-2.271%	0.00	1574.40	HB45	-0.0185	1.1995	0.0000	0.520	0.547	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.224	0.224	2.439	2.439		0.547
↓	Grade		2051+55.00	HB45	1572.98	58.42	-2.273%	0.00	1574.31	0.00	-2.273%	0.00	1574.31	HB45	-0.0185	1.2062	0.0000	0.547	0.573	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.232	0.232	2.473	2.473		0.573
↓	Grade		2051+60.00	HB45	1572.89	58.44	-2.275%	0.00	1574.22	0.00	-2.275%	0.00	1574.22	HB45	-0.0185	1.2129	0.0000	0.573	0.600	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.240	0.240	2.506	2.506		0.600
↓	Grade		2051+65.00	HB45	1572.79	58.46	-2.277%	0.00	1574.12	0.00	-2.277%	0.00	1574.12	HB45	-0.0185	1.2196	0.0000	0.600	0.627	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.247	0.247	2.540	2.540		0.627
↓	Grade		2051+70.00	HB45	1572.70	58.48	-2.279%	0.00	1574.03	0.00	-2.279%	0.00	1574.03	HB45	-0.0185	1.2263	0.0000	0.627	0.654	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.254	0.254	2.573	2.573		0.654
↓	Grade		2051+75.00	HB45	1572.60	58.50	-2.281%	0.00	1573.94	0.00	-2.281%	0.00	1573.94	HB45	-0.0185	1.2330	0.0000	0.654	0.681	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.261	0.261	2.605	2.605		0.681
↓	Grade		2051+80.00	HB45	1572.51	58.52	-2.283%	0.00	1573.85	0.00	-2.283%	0.00	1573.85	HB45	-0.0185	1.2398	0.0000	0.681	0.708	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.268	0.268	2.638	2.638		0.708
↓	Grade		2051+85.00	HB45	1572.42	58.55	-2.285%	0.00	1573.75	0.00	-2.285%	0.00	1573.75	HB45	-0.0185	1.2465	0.0000	0.708	0.735	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.275	0.275	2.669	2.669		0.735
↓	Grade		2051+90.00	HB45	1572.32	58.57	-2.288%	0.00	1573.66	0.00	-2.288%	0.00	1573.66	HB45	-0.0185	1.2532	0.0000	0.735	0.762	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.282	0.282	2.701	2.701		0.762
↓	Grade		2051+95.00	HB45	1572.23	58.59	-2.290%	0.00	1573.57	0.00	-2.290%	0.00	1573.57	HB45	-0.0185	1.2599	0.0000	0.762	0.789	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.289	0.289	2.732	2.732		0.789
↓	Grade		2052+00.00	HB45	1572.13	58.61	-2.292%	0.00	1573.48	0.00	-2.292%	0.00	1573.48	HB45	-0.0185	1.2666	0.0000	0.789	0.816	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.295	0.295	2.763	2.763		0.816
↓	Grade		2052+05.00	HB45	1572.04	58.63	-2.294%	0.00	1573.39	0.00	-2.294%	0.00	1573.39	HB45	-0.0185	1.2734	0.0000	0.816	0.843	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.302	0.302	2.793	2.793		0.843
↓	Grade		2052+10.00	HB45	1571.95	58.65	-2.296%	0.00	1573.29	0.00	-2.296%	0.00	1573.29	HB45	-0.0185	1.2801	0.0000	0.843	0.870	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.308	0.308	2.823	2.823		0.870
↓	Grade		2052+15.00	HB45	1571.85	58.67	-2.298%	0.00	1573.20	0.00	-2.298%	0.00	1573.20	HB45	-0.0185	1.2868	0.0000	0.870	0.897	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.314	0.314	2.853	2.853		0.897
↓	Grade		2052+20.00	HB45	1571.76	58.69	-2.300%	0.00	1573.11	0.00	-2.300%	0.00	1573.11	HB45	-0.0185	1.2936	0.0000	0.897	0.924	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.321	0.321	2.882	2.882		0.924
↓	Grade		2052+25.00	HB45	1571.66	58.71	-2.302%	0.00	1573.02	0.00	-2.302%	0.00	1573.02	HB45	-0.0185	1.3003	0.0000	0.924	0.951	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.327	0.327	2.911	2.911		0.951
↓	Grade		2052+30.00	HB45	1571.57	58.73	-2.304%	0.00	1572.92	0.00	-2.304%	0.00	1572.92	HB45	-0.0185	1.3071	0.0000	0.951	0.978	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.333	0.333	2.939	2.939		0.978
↓	Grade		2052+35.00	HB45	1571.48	58.75	-2.306%	0.00	1572.83	0.00	-2.306%	0.00	1572.83	HB45	-0.0185	1.3138	0.0000	0.978	1.005	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.339	0.339	2.968	2.968		1.005
↓	Grade		2052+40.00	HB45	1571.38	58.77	-2.308%	0.00	1572.74	0.00	-2.308%	0.00	1572.74	HB45	-0.0185	1.3205	0.0000	1.005	1.032	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.344	0.344	2.995	2.995		1.032
↓	Grade		2052+45.00	HB45	1571.29	58.79	-2.310%	0.00	1572.65	0.00	-2.310%	0.00	1572.65	HB45	-0.0185	1.3273	0.0000	1.032	1.059	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.350	0.350	3.023	3.023		1.059
↓	Grade		2052+50.00	HB45	1571.19	58.81	-2.313%	0.00	1572.55	0.00	-2.313%	0.00	1572.55	HB45	-0.0185	1.3340	0.0000	1.059	1.086	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.356	0.356	3.050	3.050		1.086
↓	Grade		2052+55.00	HB45	1571.10	58.83	-2.315%	0.00	1572.46	0.00	-2.315%	0.00	1572.46	HB45	-0.0185	1.3408	0.0000	1.086	1.113	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.362	0.362	3.077	3.077		1.113
↓	Grade		2052+60.00	HB45	1571.01	58.85	-2.317%	0.00	1572.37	0.00	-2.317%	0.00	1572.37	HB45	-0.0185	1.3475	0.0000	1.113	1.140	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.367	0.367	3.104	3.104		1.140
↓	Grade		2052+65.00	HB45	1570.91	58.87	-2.319%	0.00	1572.28	0.00	-2.319%	0.00	1572.28	HB45	-0.0190	1.3543	0.0000	1.140	1.167	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.370	0.370	3.156	3.156		1.167
↓	Grade		2052+70.00	HB45	1570.82	58.89	-2.321%	0.00	1572.18	0.00	-2.321%	0.00	1572.18	HB45	-0.0184	1.3611	0.0000	1.167	1.194	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.379	0.379	3.150	3.150		1.194
↓	Grade		2052+75.00	HB45	1570.72	58.92	-2.323%	0.00	1572.09	0.00	-2.323%	0.00	1572.09	HB45	-0.0182	1.3678	0.0000	1.194	1.221	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	3.164	3.164		1.221
↓	Grade		2052+80.00	HB45	1570.63	58.94	-2.325%	0.00	1572.00	0.00	-2.325%	0.00	1572.00	HB45	-0.0179	1.3746	0.0000	1.221	1.248	**Left**	HB45	12.00	0.00	4.50	0.03	4.53	18.000	**OK**	0.393	0.393	3.178	3.178		1.248
↓	Grade		2052+85.00	HB45	1570.54	58.96	-2.327%	0.00	1571.91	0.00	-2.327%	0.00	1571.91	HB45	-0.0177	1.3813	0.0000	1.248	1.276	**Left**	HB45	12.00	0.00	4.50	0.09	4.59	18.000	**OK**	0.400	0.400	3.191	3.191		1.276
↓	Grade		2052+90.00	HB45	1570.45	58.98	-2.329%	0.00	1571.83	0.00	-2.329%	0.00	1571.83	HB45	-0.0175	1.3881	0.0000	1.276	1.303	**Left**	HB45	12.00	0.00	4.50	0.16	4.66	18.000	**OK**	0.407	0.407	3.204	3.202		1.303
↓	Grade		2052+95.00	HB45	1570.36	59.00	-2.331%	0.00	1571.74	0.00	-2.331%	0.00	1571.74	HB45	-0.0173	1.3949	0.0000	1.303	1.330	**Left**	HB45	12.00	0.00	4.50	0.22	4.72	18.000	**OK**	0.413	0.414	3.216	3.212		1.330
↓	Grade		2053+00.00	HB45	1570.28	59.02	-2.333%	0.00	1571.65	0.00	-2.333%	0.00	1571.65	HB45	-0.0171	1.4017	0.0000	1.330	1.357	**Left**	HB45	12.00	0.00	4.50	0.29	4.79	18.000	**OK**	0.420	0.421	3.228	3.221		1.357
↓	Grade		2053+05.00	HB45	1570.19	59.04	-2.335%	0.00	1571.57	0.00	-2.335%	0.00	1571.57	HB45	-0.0169	1.4084	0.0000	1.357	1.384	**Left**	HB45	12.00	0.00	4.50	0.35	4.85	18.000	**OK**	0.427	0.429	3.239	3.229		1.384
↓	Grade		2053+10.00	HB45	1570.11	59.06	-2.338%	0.00	1571.49	0.00	-2.338%	0.00	1571.49	HB45	-0.0167	1.4152	0.0000	1.384	1.411	**Left**	HB45	12.00	0.00	4.50	0.42	4.92	18.000	**OK**	0.434	0.436	3.249	3.236		1.411
↓	Grade		2053+15.00	HB45	1570.02	59.08	-2.340%	0.00	1571.40	0.00	-2.340%	0.00	1571.40	HB45	-0.0165	1.4220	0.0000	1.411	1.439	**Left**	HB45	12.00	0.00	4.50	0.48	4.98	18.000	**OK**	0.441	0.444	3.259	3.242		1.439
↓	Grade		2053+20.00	HB45	1569.94	59.10	-2.342%	0.00	1571.32	0.00	-2.342%	0.00	1571.32	HB45	-0.0163	1.4288	0.0000	1.439	1.466	**Left**	HB45	12.00	0.00	4.50	0.55	5.05	18.000	**OK**	0.448	0.451	3.269	3.247		1.466
↓	Grade		2053+25.00	HB45	1569.86	59.12	-2.344%	0.00	1571.24	0.00	-2.344%	0.00	1571.24	HB45	-0.0161	1.4356	0.0000	1.466	1.493	**Left**	HB45	12.00	0.00	4.50	0.61	5.11	18.000	**OK**	0.455	0.459	3.278	3.251		1.493
↓	Grade		2053+30.00	HB45	1569.78	59.14	-2.346%	0.00	1571.16	0.00	-2.346%	0.00	1571.16	HB45	-0.0159	1.4423	0.0000	1.493	1.520	**Left**	HB45	12.00	0.00	4.50	0.68	5.18	18.000	**OK**	0.462	0.467	3.286	3.254		1.520
↓	Grade		2053+35.00	HB45	1569.70	59.16	-2.348%	0.00	1571.08	0.00	-2.348%	0.00	1571.08	HB45	-0.0157	1.4491	0.0000	1.520	1.547	**Left**	HB45	12.00	0.00	4.50	0.74	5.24	18.000	**OK**	0.469	0.475	3.294	3.257		1.547
↓	Grade		2053+40.00	HB45	1569.62	59.18	-2.350%	0.00	1571.01	0.00	-2.350%	0.00	1571.01	HB45	-0.0155	1.4559	0.0000	1.547	1.575	**Left**	HB45	12.00	0.00	4.50	0.81	5.31	18.000	**OK**	0.476	0.483	3.301	3.258		1.575
↓	Grade		2053+45.00	HB45	1569.54	59.20	-2.352%	0.00	1570.93	0.00	-2.352%	0.00	1570.93	HB45	-0.0153	1.4627	0.0000	1.575	1.602	**Left**	HB45	12.00	0.00	4.50	0.87	5.37	18.000	**OK**	0.483	0.492	3.308	3.259		1.602
↓	Grade		2053+50.00	HB45	1569.46	59.22	-2.354%	0.00	1570.86	0.00	-2.354%	0.00	1570.86	HB45	-0.0151	1.4695	0.0000	1.602	1.629	**Left**	HB45	12.00	0.00	4.50	0.94	5.44	18.000	**OK**	0.490	0.500	3.314	3.259		1.629
↓	Grade		2053+55.00	HB45	1569.39	59.24	-2.356%	0.00	1570.78	0.00	-2.356%	0.00	1570.78	HB45	-0.0148	1.4763	0.0000	1.629	1.656	**Left**	HB45	12.00	0.00	4.50	1.00	5.50	18.000	**OK**	0.497	0.508	3.319	3.258		1.656
↓	Grade		2053+60.00	HB45	1569.31	59.26	-2.358%	0.00	1570.71	0.00	-2.358%	0.00	1570.71	HB45	-0.0146	1.4831	0.0000	1.656	1.684	**Left**	HB45	12.00	0.00	4.50	1.07	5.57	18.000	**OK**	0.504	0.517	3.324	3.257		1.684
↓	Grade		2053+65.00	HB45	1569.24	59.29	-2.360%	0.00	1570.64	0.00	-2.360%	0.00	1570.64	HB45	-0.0144	1.4899	0.0000	1.684	1.711	**Left**	HB45	12.00	0.00	4.50	1.13	5.63	18.000	**OK**	0.511	0.526	3.329	3.254		1.711
↓	Grade		2053+70.00	HB45	1569.16	59.31	-2.363%	0.00	1570.56	0.00	-2.363%	0.00	1570.56	HB45	-0.0142	1.4967	0.0000	1.711	1.738	**Left**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.518	0.535	3.333	3.251		1.738
↓	Grade		2053+75.00	HB45	1569.09	59.33	-2.365%	0.00	1570.49	0.00	-2.365%	0.00	1570.49	HB45	-0.0140	1.5035	0.0000	1.738	1.765	**Left**	HB45	12.00	0.00	4.50	1.27	5.77	18.000	**OK**	0.525	0.544	3.336	3.248		1.765
↓	Grade		2053+80.00	HB45	1569.02	59.35	-2.367%	0.00	1570.43	0.00	-2.367%	0.00	1570.43	HB45	-0.0138	1.5104	0.0000	1.765	1.793	**Left**	HB45	12.00	0.00	4.50	1.33	5.83	18.000	**OK**	0.532	0.553	3.339	3.243		1.793
↓	Grade		2053+85.00	HB45	1568.95	59.37	-2.369%	0.00	1570.36	0.00	-2.369%	0.00	1570.36	HB45	-0.0136	1.5172	0.0000	1.793	1.820	**Left**	HB45	12.00	0.00	4.50	1.40	5.90	18.000	**OK**	0.539	0.562	3.341	3.238		1.820

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade		2053+90.00	HB45	1568.88	59.39	-2.371%	0.00	1570.29	0.00	-2.371%	0.00	1570.29	HB45	-0.0134	1.5240	0.0000	1.820	1.847	**Left**	HB45	12.00	0.00	4.50	1.46	5.96	18.000	**OK**	0.546	0.572	3.343	3.232		1.847
↓	Grade		2053+95.00	HB45	1568.81	59.41	-2.373%	0.00	1570.22	0.00	-2.373%	0.00	1570.22	HB45	-0.0132	1.5308	0.0000	1.847	1.875	**Left**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.553	0.581	3.344	3.226		1.875
↓	Grade	**3**	2054+00.00	HB45	1568.75	59.43	-2.375%	0.00	1570.16	0.00	-2.375%	0.00	1570.16	HB45	-0.0130	1.5376	0.0000	1.875	1.902	**Left**	HB45	12.00	0.00	4.50	1.60	6.10	18.000	**OK**	0.561	0.591	3.344	3.219	3	1.902
↓	Grade		2054+05.00	HB45	1568.68	59.45	-2.377%	0.00	1570.10	0.00	-2.377%	0.00	1570.10	HB45	-0.0128	1.5444	0.0000	0.029	0.056	**Left**	HB45	12.00	0.00	2.16	0.00	2.16	18.000	**OK**	0.047	0.047	1.199	1.199		0.056
↓	Grade		2054+10.00	HB45	1568.62	59.47	-2.379%	0.00	1570.03	0.00	-2.379%	0.00	1570.03	HB45	-0.0126	1.5513	0.0000	0.056	0.083	**Left**	HB45	12.00	0.00	2.51	0.00	2.51	18.000	**OK**	0.063	0.063	1.316	1.316		0.083
↓	Grade		2054+15.00	HB45	1568.55	59.49	-2.381%	0.00	1569.97	0.00	-2.381%	0.00	1569.97	HB45	-0.0124	1.5581	0.0000	0.083	0.111	**Left**	HB45	12.00	0.00	2.81	0.00	2.81	18.000	**OK**	0.079	0.079	1.404	1.404		0.111
↓	Grade		2054+20.00	HB45	1568.49	59.51	-2.383%	0.00	1569.91	0.00	-2.383%	0.00	1569.91	HB45	-0.0122	1.5649	0.0000	0.111	0.138	**Left**	HB45	12.00	0.00	3.06	0.00	3.06	18.000	**OK**	0.094	0.094	1.475	1.475		0.138
↓	Grade		2054+25.00	HB45	1568.43	59.53	-2.385%	0.00	1569.85	0.00	-2.385%	0.00	1569.85	HB45	-0.0120	1.5718	0.0000	0.138	0.165	**Left**	HB45	12.00	0.00	3.28	0.00	3.28	18.000	**OK**	0.108	0.108	1.533	1.533		0.165
↓	Grade		2054+30.00	HB45	1568.37	59.55	-2.388%	0.00	1569.79	0.00	-2.388%	0.00	1569.79	HB45	-0.0117	1.5786	0.0000	0.165	0.193	**Left**	HB45	12.00	0.00	3.49	0.00	3.49	18.000	**OK**	0.122	0.122	1.583	1.583		0.193
↓	Grade		2054+35.00	HB45	1568.31	59.57	-2.390%	0.00	1569.73	0.00	-2.390%	0.00	1569.73	HB45	-0.0115	1.5854	0.0000	0.193	0.220	**Left**	HB45	12.00	0.00	3.68	0.00	3.68	18.000	**OK**	0.135	0.135	1.625	1.625		0.220
↓	Grade		2054+40.00	HB45	1568.25	59.59	-2.392%	0.00	1569.68	0.00	-2.392%	0.00	1569.68	HB45	-0.0113	1.5923	0.0000	0.220	0.248	**Left**	HB45	12.00	0.00	3.86	0.00	3.86	18.000	**OK**	0.149	0.149	1.663	1.663		0.248
↓	Grade		2054+45.00	HB45	1568.19	59.61	-2.394%	0.00	1569.62	0.00	-2.394%	0.00	1569.62	HB45	-0.0111	1.5991	0.0000	0.248	0.275	**Left**	HB45	12.00	0.00	4.03	0.00	4.03	18.000	**OK**	0.162	0.162	1.695	1.695		0.275
↓	Grade		2054+50.00	HB45	1568.14	59.63	-2.396%	0.00	1569.57	0.00	-2.396%	0.00	1569.57	HB45	-0.0109	1.6060	0.0000	0.275	0.302	**Left**	HB45	12.00	0.00	4.19	0.00	4.19	18.000	**OK**	0.175	0.175	1.724	1.724		0.302
↓	Grade		2054+55.00	HB45	1568.08	59.66	-2.398%	0.00	1569.51	0.00	-2.398%	0.00	1569.51	HB45	-0.0107	1.6128	0.0000	0.302	0.330	**Left**	HB45	12.00	0.00	4.34	0.00	4.34	18.000	**OK**	0.189	0.189	1.749	1.749		0.330
↓	Grade		2054+60.00	HB45	1568.03	59.68	-2.400%	0.00	1569.46	0.00	-2.400%	0.00	1569.46	HB45	-0.0105	1.6196	0.0000	0.330	0.357	**Left**	HB45	12.00	0.00	4.49	0.00	4.49	18.000	**OK**	0.202	0.202	1.771	1.771		0.357
↓	Grade		2054+65.00	HB45	1567.98	59.70	-2.402%	0.00	1569.41	0.00	-2.402%	0.00	1569.41	HB45	-0.0103	1.6265	0.0000	0.357	0.385	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.215	0.215	1.792	1.792		0.385
↓	Grade		2054+70.00	HB45	1567.92	59.72	-2.404%	0.00	1569.36	0.00	-2.404%	0.00	1569.36	HB45	-0.0101	1.6334	0.0000	0.385	0.412	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.227	0.227	1.814	1.814		0.412
↓	Grade		2054+75.00	HB45	1567.87	59.74	-2.406%	0.00	1569.31	0.00	-2.406%	0.00	1569.31	HB45	-0.0099	1.6402	0.0000	0.412	0.440	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.240	0.240	1.835	1.835		0.440
↓	Grade		2054+80.00	HB45	1567.82	59.76	-2.408%	0.00	1569.26	0.00	-2.408%	0.00	1569.26	HB45	-0.0097	1.6471	0.0000	0.440	0.467	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.252	0.252	1.855	1.855		0.467
↓	Grade		2054+85.00	HB45	1567.77	59.78	-2.410%	0.00	1569.21	0.00	-2.410%	0.00	1569.21	HB45	-0.0095	1.6539	0.0000	0.467	0.495	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.264	0.264	1.874	1.874		0.495
↓	Grade		2054+90.00	HB45	1567.72	59.80	-2.413%	0.00	1569.17	0.00	-2.413%	0.00	1569.17	HB45	-0.0093	1.6608	0.0000	0.495	0.522	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.276	0.276	1.893	1.893		0.522
↓	Grade		2054+95.00	HB45	1567.68	59.82	-2.415%	0.00	1569.12	0.00	-2.415%	0.00	1569.12	HB45	-0.0091	1.6677	0.0000	0.522	0.550	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.288	0.288	1.911	1.911		0.550
↓	Grade		2055+00.00	HB45	1567.63	59.84	-2.417%	0.00	1569.08	0.00	-2.417%	0.00	1569.08	HB45	-0.0089	1.6745	0.0000	0.550	0.577	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.300	0.300	1.927	1.927		0.577
↓	Grade		2055+05.00	HB45	1567.59	59.83	-2.419%	0.00	1569.03	0.00	-2.419%	0.00	1569.03	HB45	-0.0086	1.6814	0.0000	0.577	0.605	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.311	0.311	1.943	1.943		0.605
↓	Grade		2055+10.00	HB45	1567.54	59.82	-2.421%	0.00	1568.99	0.00	-2.421%	0.00	1568.99	HB45	-0.0084	1.6883	0.0000	0.605	0.632	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.323	0.323	1.957	1.957		0.632
↓	Grade		2055+15.00	HB45	1567.50	59.81	-2.423%	0.00	1568.95	0.00	-2.423%	0.00	1568.95	HB45	-0.0082	1.6951	0.0000	0.632	0.660	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.335	0.335	1.970	1.970		0.660
↓	Grade		2055+20.00	HB45	1567.46	59.79	-2.425%	0.00	1568.91	0.00	-2.425%	0.00	1568.91	HB45	-0.0080	1.7020	0.0000	0.660	0.687	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.347	0.347	1.982	1.982		0.687
↓	Grade		2055+25.00	HB45	1567.42	59.78	-2.427%	0.00	1568.87	0.00	-2.427%	0.00	1568.87	HB45	-0.0078	1.7088	0.0000	0.687	0.715	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.359	0.359	1.993	1.993		0.715
↓	Grade		2055+30.00	HB45	1567.38	59.77	-2.429%	0.00	1568.83	0.00	-2.429%	0.00	1568.83	HB45	-0.0076	1.7157	0.0000	0.715	0.743	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.371	0.371	2.003	2.003		0.743
↓	Grade		2055+35.00	HB45	1567.34	59.76	-2.431%	0.00	1568.80	0.00	-2.431%	0.00	1568.80	HB45	-0.0074	1.7226	0.0000	0.743	0.770	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.383	0.383	2.012	2.012		0.770
↓	Grade		2055+40.00	HB45	1567.31	59.75	-2.433%	0.00	1568.76	0.00	-2.433%	0.00	1568.76	HB45	-0.0072	1.7294	0.0000	0.770	0.798	**Left**	HB45	12.00	0.00	4.50	0.05	4.55	18.000	**OK**	0.395	0.395	2.019	2.019		0.798
↓	Grade		2055+45.00	HB45	1567.27	59.74	-2.435%	0.00	1568.73	0.00	-2.435%	0.00	1568.73	HB45	-0.0070	1.7363	0.0000	0.798	0.825	**Left**	HB45	12.00	0.00	4.50	0.16	4.66	18.000	**OK**	0.407	0.408	2.025	2.024		0.825
↓	Grade		2055+50.00	HB45	1567.24	59.73	-2.438%	0.00	1568.69	0.00	-2.438%	0.00	1568.69	HB45	-0.0068	1.7431	0.0000	0.825	0.852	**Left**	HB45	12.00	0.00	4.50	0.27	4.77	18.000	**OK**	0.420	0.421	2.030	2.027		0.852
↓	Grade		2055+55.00	HB45	1567.20	59.71	-2.440%	0.00	1568.66	0.00	-2.440%	0.00	1568.66	HB45	-0.0066	1.7500	0.0000	0.852	0.880	**Left**	HB45	12.00	0.00	4.50	0.39	4.89	18.000	**OK**	0.432	0.434	2.034	2.027		0.880
↓	Grade		2055+60.00	HB45	1567.17	59.70	-2.442%	0.00	1568.63	0.00	-2.442%	0.00	1568.63	HB45	-0.0064	1.7569	0.0000	0.880	0.907	**Left**	HB45	12.00	0.00	4.50	0.50	5.00	18.000	**OK**	0.445	0.448	2.037	2.025		0.907
↓	Grade		2055+65.00	HB45	1567.14	59.69	-2.444%	0.00	1568.60	0.00	-2.444%	0.00	1568.60	HB45	-0.0062	1.7637	0.0000	0.907	0.935	**Left**	HB45	12.00	0.00	4.50	0.62	5.12	18.000	**OK**	0.458	0.463	2.038	2.020		0.935
↓	Grade		2055+70.00	HB45	1567.11	59.68	-2.446%	0.00	1568.57	0.00	-2.446%	0.00	1568.57	HB45	-0.0060	1.7706	0.0000	0.935	0.962	**Left**	HB45	12.00	0.00	4.50	0.74	5.24	18.000	**OK**	0.471	0.478	2.037	2.014		0.962
↓	Grade		2055+75.00	HB45	1567.08	59.67	-2.448%	0.00	1568.54	0.00	-2.448%	0.00	1568.54	HB45	-0.0058	1.7774	0.0000	0.962	0.990	**Left**	HB45	12.00	0.00	4.50	0.86	5.36	18.000	**OK**	0.485	0.494	2.036	2.006		0.990
↓	Grade		2055+80.00	HB45	1567.05	59.66	-2.450%	0.00	1568.51	0.00	-2.450%	0.00	1568.51	HB45	-0.0055	1.7843	0.0000	0.990	1.017	**Left**	HB45	12.00	0.00	4.50	0.98	5.48	18.000	**OK**	0.498	0.510	2.032	1.995		1.017
↓	Grade		2055+85.00	HB45	1567.02	59.65	-2.452%	0.00	1568.48	0.00	-2.452%	0.00	1568.48	HB45	-0.0053	1.7911	0.0000	1.017	1.045	**Left**	HB45	12.00	0.00	4.50	1.10	5.60	18.000	**OK**	0.512	0.527	2.028	1.983		1.045
↓	Grade		2055+90.00	HB45	1566.99	59.64	-2.454%	0.00	1568.46	0.00	-2.454%	0.00	1568.46	HB45	-0.0051	1.7979	0.0000	1.045	1.072	**Left**	HB45	12.00	0.00	4.50	1.23	5.73	18.000	**OK**	0.526	0.545	2.021	1.969		1.072
↓	Grade		2055+95.00	HB45	1566.97	59.62	-2.456%	0.00	1568.43	0.00	-2.456%	0.00	1568.43	HB45	-0.0049	1.8048	0.0000	1.072	1.100	**Left**	HB45	12.00	0.00	4.50	1.36	5.86	18.000	**OK**	0.540	0.563	2.013	1.953		1.100
↓	Grade		2056+00.00	HB45	1566.94	59.61	-2.458%	0.00	1568.41	0.00	-2.458%	0.00	1568.41	HB45	-0.0047	1.8116	0.0000	1.100	1.127	**Left**	HB45	12.00	0.00	4.50	1.49	5.99	18.000	**OK**	0.555	0.583	2.004	1.934		1.127
↓	Grade		2056+05.00	HB45	1566.92	59.60	-2.460%	0.00	1568.39	0.00	-2.460%	0.00	1568.39	HB45	-0.0045	1.8185	0.0000	1.127	1.154	**Left**	HB45	12.00	0.00	4.50	1.63	6.13	18.000	**OK**	0.570	0.603	1.992	1.914		1.154
↓	Grade		2056+10.00	HB45	1566.90	59.59	-2.463%	0.00	1568.37	0.00	-2.463%	0.00	1568.37	HB45	-0.0043	1.8253	0.0000	1.154	1.182	**Left**	HB45	12.00	0.00	4.50	1.77	6.27	18.000	**OK**	0.586	0.625	1.979	1.892		1.182
↓	Grade		2056+15.00	HB45	1566.88	59.58	-2.465%	0.00	1568.35	0.00	-2.465%	0.00	1568.35	HB45	-0.0041	1.8322	0.0000	1.182	1.209	**Left**	HB45	12.00	0.00	4.50	1.91	6.41	18.000	**OK**	0.602	0.647	1.964	1.868		1.209
↓	Grade		2056+20.00	HB45	1566.86	59.57	-2.467%	0.00	1568.33	0.00	-2.467%	0.00	1568.33	HB45	-0.0039	1.8390	0.0000	1.209	1.237	**Left**	HB45	12.00	0.00	4.50	2.06	6.56	18.000	**OK**	0.619	0.671	1.947	1.842		1.237
↓	Grade		2056+25.00	HB45	1566.84	59.56	-2.469%	0.00	1568.31	0.00	-2.469%	0.00	1568.31	HB45	-0.0037	1.8458	0.0000	1.237	1.264	**Left**	HB45	12.00	0.00	4.50	2.22	6.72	18.000	**OK**	0.636	0.697	1.928	1.813		1.264
↓	Grade		2056+30.00	HB45	1566.82	59.54	-2.471%	0.00	1568.29	0.00	-2.471%	0.00	1568.29	HB45	-0.0035	1.8527	0.0000	1.264	1.292	**Left**	HB45	12.00	0.00	4.50	2.38	6.88	18.000	**OK**	0.655	0.724	1.907	1.783		1.292
↓	Grade		2056+35.00	HB45	1566.80	59.53	-2.473%	0.00	1568.27	0.00	-2.473%	0.00	1568.27	HB45	-0.0033	1.8595	0.0000	1.292	1.319	**Left**	HB45	12.00	0.00	4.50	2.55	7.05	18.000	**OK**	0.674	0.754	1.883	1.750		1.319
↓	Grade	**3**	2056+40.00	HB45	1566.79	59.52	-2.475%	0.00	1568.26	0.00	-2.475%	0.00	1568.26	HB45	-0.0031	1.8663	0.0000	1.319	1.346	**Left**	HB45	12.00	0.00	4.50	2.72	7.22	18.000	**OK**	0.693	0.785	1.856	1.714	3	1.346
↓	Grade		2056+45.00	HB45	1566.77	59.51	-2.477%	0.00	1568.24	0.00	-2.477%	0.00	1568.24	HB45	-0.0029	1.8732	0.0000	0.068	0.096	**Left**	HB45	12.00	0.00	3.50	0.00	3.50	18.000	**OK**	0.122	0.122	0.782	0.782		0.096
↓	Grade		2056+50.00	HB45	1566.76	59.50	-2.479%	0.00	1568.23	0.00	-2.479%	0.00	1568.23	HB45	-0.0027	1.8800	0.0000	0.096	0.123	**Left**	HB45	12.00	0.00	3.90	0.00	3.90	18.000	**OK**	0.152	0.152	0.810	0.810		0.123
↓	Grade		2056+55.00	HB45	1566.74	59.49	-2.481%	0.00	1568.22	0.00	-2.481%	0.00	1568.22	HB45	-0.0024	1.8868	0.0000	0.123	0.151	**Left**	HB45	12.00	0.00	4.27	0.00	4.27	18.000	**OK**	0.182	0.182	0.826	0.826		0.151
↓	Grade		2056+60.00	HB45	1566.73	59.48	-2.483%	0.00	1568.21	0.00	-2.483%	0.00	1568.21	HB45	-0.0022	1.8937	0.0000	0.151	0.178	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.213	0.213	0.834	0.834		0.178
↓	Grade		2056+65.00	HB45	1566.72	59.46	-2.485%	0.00	1568.20	0.00	-2.485%	0.00	1568.20	HB45	-0.0020	1.9005	0.0000	0.178	0.205	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.245	0.245	0.839	0.839		0.205
↓	Grade		2056+70.00	HB45	1566.71	59.45	-2.488%	0.00	1568.19	0.00	-2.488%	0.00	1568.19	HB45	-0.0018	1.9073	0.0000	0.205	0.233	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.277	0.277	0.841	0.841		0.233
↓	Grade		2056+75.00	HB45	1566.70	59.44	-2.490%	0.00	1568.18	0.00	-2.490%	0.00	1568.18	HB45	-0.0016	1.9141	0.0000	0.233	0.260	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.310	0.310	0.838	0.838		0.260
↓	Grade		2056+80.00	HB45	1566.69	59.43	-2.492%	0.00	1568.17	0.00	-2.492%	0.00	1568.17	HB45	-0.0014	1.9209	0.0000	0.260	0.287	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.346	0.346	0.830	0.830		0.287
↓	Grade		2056+85.00	HB45	1566.69	59.42	-2.494%	0.00	1568.17	0.00	-2.494%	0.00	1568.17	HB45	-0.0012	1.9278	0.0000	0.287	0.315	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	0.815	0.815		0.315
↓	Grade		2056+90.00	HB45	1566.68	59.41	-2.496%	0.00	1568.16	0.00	-2.496%	0.00	1568.16	HB45	-0.0010	1.9346	0.0000	0.315	0.342	**Left**	HB45	12.00	0.00	4.50	0.37	4.87	18.000	**OK**	0.432	0.434	0.791	0.789		0.342
↓	Grade		2056+95.00	HB45	1566.67	59.40	-2.498%	0.00	1568.16	0.00	-2.498%	0.00	1568.16	HB45	-0.0008	1.9414	0.0000	0.342	0.369	**Left**	HB45	12.00	0.00	4.50	0.86	5.36	18.000	**OK**	0.486	0.496	0.756	0.745		0.369
↓	Grade		2057+00.00	HB45	1566.67	59.39	-2.500%	0.00	1568.16	0.00	-2.500%	0.00	1568.16	HB45	-0.0006	1.9482	0.0000	0.369	0.397	**Left**	HB45	12.00	0.00	4.50	1.47	5.97	18.000	**OK**	0.556	0.583	0.705	0.681		0.397
↓	Grade		2057+05.00	HB45	1566.67	59.37	-2.497%	0.00	1568.15	0.00	-2.497%	0.00	1568.15	HB45	-0.0004	1.9550	0.0000	0.397	0.424	**Left**	HB45	12.00	0.00	4.50	2.35	6.85	18.000	**OK**	0.654	0.722	0.627	0.587		0.424
↓	Sag	**3**	2057+10.00	HB45	1566.67	59.36	-2.494%	0.00	1568.15	0.00	-2.494%	0.00	1568.15	HB45	-0.0002	3.0929	0.0000	1.048	1.103	**Left**	HB45	12.00	0.00	4.50	8.06	12.56	18.000	**OK**	1.295	2.105	0.656	0.524	3	1.103
↑	Grade		2057+15.00	HB45	1566.67	59.35	-2.492%	0.00	1568.15	0.00	-2.492%	0.00	1568.15	HB45	0.0000	1.1242	0.0000	0.597	0.624	**Left**	HB45	12.00	0.00	4.50	9.17	13.67	18.000	**OK**	1.418	2.465	0.323	0.253		0.624
↑	Grade		2057+20.00	HB45	1566.68	59.34	-2.489%	0.00	1568.15	0.00	-2.489%	0.00	1568.15	HB45	0.0002	1.1174	0.0000	0.569	0.597	**Left**	HB45	12.00	0.00	4.50	4.38	8.88	18.000	**OK**	0.881	1.120	0.610	0.533		0.597
↑	Grade		2057+25.00	HB45	1566.68	59.33	-2.486%	0.00	1568.16	0.00	-2.486%	0.00	1568.16	HB45	0.0005	1.1106	0.0000	0.542	0.569	**Left**	HB45	12.00	0.00	4.50	3.05	7.55	18.000	**OK**	0.732	0.847	0.736	0.672		0.569
↑	Grade		2057+30.00	HB45	1566.69	59.32	-2.483%	0.00	1568.16	0.00	-2.483%	0.00	1568.16	HB45	0.0007	1.1038	0.0000	0.515	0.542	**Left**	HB45	12.00	0.00	4.50	2.25	6.75	18.000	**OK**	0.642	0.705	0.819	0.769		0.542
↑	Grade		2057+35.00	HB45	1566.69	59.31	-2.481%	0.00	1568.16	0.00	-2.481%	0.00	1568.16	HB45	0.0009	1.0970	0.0000	0.488	0.515	**Left**	HB45	12.00	0.00	4.50	1.67	6.17	18.000	**OK**	0.577	0.612	0.878	0.842		0.515
↑	Grade		2057+40.00	HB45	1566.70	59.29	-2.478%	0.00	1568.17	0.00	-2.478%	0.00	1568.17	HB45	0.0011	1.0902	0.0000	0.460	0.488	**Left**	HB45	12.00	0.00	4.50	1.21	5.71	18.000	**OK**	0.525	0.543	0.922	0.898		0.488
↑	Grade		2057+45.00	HB45	1566.71	59.28	-2.475%	0.00	1568.18	0.00	-2.475%	0.00	1568.18	HB45	0.0013	1.0834	0.0000	0.433	0.460	**Left**	HB45	12.00	0.00	4.50	0.81	5.31	18.000	**OK**	0.481	0.489	0.954	0.942		0.460
↑	Grade		2057+50.00	HB45	1566.72	59.27	-2.472%	0.00	1568.18	0.00	-2.472%	0.00	1568.18	HB45	0.0015	1.0766	0.0000	0.406	0.433	**Left**	HB45	12.00	0.00	4.50	0.47	4.97	18.000	**OK**	0.442	0.445	0.979	0.974		0.433
↑	Grade		2057+55.00	HB45	1566.73	59.26	-2.470%	0.00	1568.19	0.00	-2.470%	0.00	1568.19	HB45	0.0017	1.0697	0.0000	0.378	0.406	**Left**	HB45	12.00	0.00	4.50	0.16	4.66	18.000	**OK**	0.407	0.408	0.996	0.995		0.406

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2057+60.00	HB45	1566.74	59.25	-2.467%	0.00	1568.20	0.00	-2.467%	0.00	1568.20	HB45	0.0019	1.0629	0.0000	0.351	0.378	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.376	0.376	1.007	1.007		0.378
↑	Grade		2057+65.00	HB45	1566.75	59.24	-2.464%	0.00	1568.21	0.00	-2.464%	0.00	1568.21	HB45	0.0021	1.0561	0.0000	0.324	0.351	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.346	0.346	1.014	1.014		0.351
↑	Grade		2057+70.00	HB45	1566.77	59.23	-2.461%	0.00	1568.22	0.00	-2.461%	0.00	1568.22	HB45	0.0023	1.0493	0.0000	0.297	0.324	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.319	0.319	1.016	1.016		0.324
↑	Grade	**3**	2057+75.00	HB45	1566.78	59.21	-2.459%	0.00	1568.24	0.00	-2.459%	0.00	1568.24	HB45	0.0025	1.0425	0.0000	2.158	2.186	**Left**	HB45	12.00	0.00	4.50	4.97	9.47	18.000	**OK**	0.940	1.244	2.046	1.758	3	2.186
↑	Grade		2057+80.00	HB45	1566.80	59.20	-2.456%	0.00	1568.25	0.00	-2.456%	0.00	1568.25	HB45	0.0027	1.0357	0.0000	2.131	2.158	**Left**	HB45	12.00	0.00	4.50	4.76	9.26	18.000	**OK**	0.916	1.193	2.093	1.809		2.158
↑	Grade		2057+85.00	HB45	1566.81	59.19	-2.453%	0.00	1568.26	0.00	-2.453%	0.00	1568.26	HB45	0.0029	1.0290	0.0000	2.104	2.131	**Left**	HB45	12.00	0.00	4.50	4.56	9.06	18.000	**OK**	0.893	1.148	2.136	1.857		2.131
↑	Grade		2057+90.00	HB45	1566.83	59.18	-2.450%	0.00	1568.28	0.00	-2.450%	0.00	1568.28	HB45	0.0031	1.0222	0.0000	2.077	2.104	**Left**	HB45	12.00	0.00	4.50	4.37	8.87	18.000	**OK**	0.872	1.106	2.176	1.903		2.104
↑	Grade		2057+95.00	HB45	1566.85	59.17	-2.448%	0.00	1568.30	0.00	-2.448%	0.00	1568.30	HB45	0.0033	1.0154	0.0000	2.050	2.077	**Left**	HB45	12.00	0.00	4.50	4.19	8.69	18.000	**OK**	0.852	1.067	2.213	1.946		2.077
↑	Grade		2058+00.00	HB45	1566.87	59.16	-2.445%	0.00	1568.31	0.00	-2.445%	0.00	1568.31	HB45	0.0036	1.0086	0.0000	2.022	2.050	**Left**	HB45	12.00	0.00	4.50	4.03	8.53	18.000	**OK**	0.833	1.032	2.248	1.987		2.050
↑	Grade		2058+05.00	HB45	1566.89	59.15	-2.442%	0.00	1568.33	0.00	-2.442%	0.00	1568.33	HB45	0.0038	1.0018	0.0000	1.995	2.022	**Left**	HB45	12.00	0.00	4.50	3.87	8.37	18.000	**OK**	0.815	0.998	2.280	2.026		2.022
↑	Grade		2058+10.00	HB45	1566.91	59.13	-2.439%	0.00	1568.35	0.00	-2.439%	0.00	1568.35	HB45	0.0040	0.9950	0.0000	1.968	1.995	**Left**	HB45	12.00	0.00	4.50	3.72	8.22	18.000	**OK**	0.798	0.967	2.311	2.063		1.995
↑	Grade		2058+15.00	HB45	1566.93	59.12	-2.436%	0.00	1568.37	0.00	-2.436%	0.00	1568.37	HB45	0.0042	0.9882	0.0000	1.941	1.968	**Left**	HB45	12.00	0.00	4.50	3.58	8.08	18.000	**OK**	0.782	0.938	2.339	2.098		1.968
↑	Grade		2058+20.00	HB45	1566.96	59.11	-2.434%	0.00	1568.40	0.00	-2.434%	0.00	1568.40	HB45	0.0044	0.9814	0.0000	1.913	1.941	**Left**	HB45	12.00	0.00	4.50	3.44	7.94	18.000	**OK**	0.767	0.910	2.366	2.132		1.941
↑	Grade		2058+25.00	HB45	1566.98	59.10	-2.431%	0.00	1568.42	0.00	-2.431%	0.00	1568.42	HB45	0.0046	0.9746	0.0000	1.886	1.913	**Left**	HB45	12.00	0.00	4.50	3.30	7.80	18.000	**OK**	0.752	0.884	2.390	2.164		1.913
↑	Grade		2058+30.00	HB45	1567.01	59.09	-2.428%	0.00	1568.44	0.00	-2.428%	0.00	1568.44	HB45	0.0048	0.9678	0.0000	1.859	1.886	**Left**	HB45	12.00	0.00	4.50	3.18	7.68	18.000	**OK**	0.737	0.860	2.413	2.195		1.886
↑	Grade		2058+35.00	HB45	1567.03	59.08	-2.425%	0.00	1568.47	0.00	-2.425%	0.00	1568.47	HB45	0.0050	0.9611	0.0000	1.832	1.859	**Left**	HB45	12.00	0.00	4.50	3.05	7.55	18.000	**OK**	0.723	0.836	2.435	2.224		1.859
↑	Grade		2058+40.00	HB45	1567.06	59.07	-2.423%	0.00	1568.49	0.00	-2.423%	0.00	1568.49	HB45	0.0052	0.9543	0.0000	1.805	1.832	**Left**	HB45	12.00	0.00	4.50	2.93	7.43	18.000	**OK**	0.710	0.814	2.455	2.252		1.832
↑	Grade		2058+45.00	HB45	1567.09	59.06	-2.420%	0.00	1568.52	0.00	-2.420%	0.00	1568.52	HB45	0.0054	0.9475	0.0000	1.778	1.805	**Left**	HB45	12.00	0.00	4.50	2.81	7.31	18.000	**OK**	0.696	0.792	2.474	2.278		1.805
↑	Grade		2058+50.00	HB45	1567.12	59.04	-2.417%	0.00	1568.55	0.00	-2.417%	0.00	1568.55	HB45	0.0056	0.9407	0.0000	1.750	1.778	**Left**	HB45	12.00	0.00	4.50	2.70	7.20	18.000	**OK**	0.684	0.772	2.491	2.304		1.778
↑	Grade		2058+55.00	HB45	1567.15	59.03	-2.414%	0.00	1568.58	0.00	-2.414%	0.00	1568.58	HB45	0.0058	0.9339	0.0000	1.723	1.750	**Left**	HB45	12.00	0.00	4.50	2.59	7.09	18.000	**OK**	0.671	0.752	2.507	2.328		1.750
↑	Grade		2058+60.00	HB45	1567.18	59.02	-2.412%	0.00	1568.61	0.00	-2.412%	0.00	1568.61	HB45	0.0060	0.9272	0.0000	1.696	1.723	**Left**	HB45	12.00	0.00	4.50	2.48	6.98	18.000	**OK**	0.659	0.733	2.522	2.351		1.723
↑	Grade		2058+65.00	HB45	1567.22	59.01	-2.409%	0.00	1568.64	0.00	-2.409%	0.00	1568.64	HB45	0.0062	0.9204	0.0000	1.669	1.696	**Left**	HB45	12.00	0.00	4.50	2.37	6.87	18.000	**OK**	0.647	0.715	2.535	2.373		1.696
↑	Grade		2058+70.00	HB45	1567.25	59.00	-2.406%	0.00	1568.67	0.00	-2.406%	0.00	1568.67	HB45	0.0064	0.9136	0.0000	1.642	1.669	**Left**	HB45	12.00	0.00	4.50	2.27	6.77	18.000	**OK**	0.635	0.697	2.548	2.393		1.669
↑	Grade		2058+75.00	HB45	1567.29	58.99	-2.403%	0.00	1568.70	0.00	-2.403%	0.00	1568.70	HB45	0.0067	0.9068	0.0000	1.615	1.642	**Left**	HB45	12.00	0.00	4.50	2.16	6.66	18.000	**OK**	0.624	0.680	2.559	2.413		1.642
↑	Grade		2058+80.00	HB45	1567.32	58.98	-2.401%	0.00	1568.74	0.00	-2.401%	0.00	1568.74	HB45	0.0069	0.9001	0.0000	1.587	1.615	**Left**	HB45	12.00	0.00	4.50	2.06	6.56	18.000	**OK**	0.613	0.664	2.569	2.432		1.615
↑	Grade		2058+85.00	HB45	1567.36	58.96	-2.398%	0.00	1568.77	0.00	-2.398%	0.00	1568.77	HB45	0.0071	0.8933	0.0000	1.560	1.587	**Left**	HB45	12.00	0.00	4.50	1.96	6.46	18.000	**OK**	0.602	0.648	2.578	2.449		1.587
↑	Grade		2058+90.00	HB45	1567.40	58.95	-2.395%	0.00	1568.81	0.00	-2.395%	0.00	1568.81	HB45	0.0073	0.8865	0.0000	1.533	1.560	**Left**	HB45	12.00	0.00	4.50	1.87	6.37	18.000	**OK**	0.591	0.633	2.586	2.465		1.560
↑	Grade		2058+95.00	HB45	1567.44	58.94	-2.392%	0.00	1568.85	0.00	-2.392%	0.00	1568.85	HB45	0.0075	0.8798	0.0000	1.506	1.533	**Left**	HB45	12.00	0.00	4.50	1.77	6.27	18.000	**OK**	0.581	0.618	2.593	2.481		1.533
↑	Grade		2059+00.00	HB45	1567.48	58.93	-2.390%	0.00	1568.89	0.00	-2.390%	0.00	1568.89	HB45	0.0077	0.8730	0.0000	1.479	1.506	**Left**	HB45	12.00	0.00	4.50	1.67	6.17	18.000	**OK**	0.570	0.604	2.600	2.495		1.506
↑	Grade		2059+05.00	HB45	1567.52	58.94	-2.387%	0.00	1568.93	0.00	-2.387%	0.00	1568.93	HB45	0.0079	0.8662	0.0000	1.452	1.479	**Left**	HB45	12.00	0.00	4.50	1.58	6.08	18.000	**OK**	0.560	0.590	2.605	2.508		1.479
↑	Grade		2059+10.00	HB45	1567.56	58.95	-2.384%	0.00	1568.97	0.00	-2.384%	0.00	1568.97	HB45	0.0081	0.8595	0.0000	1.425	1.452	**Left**	HB45	12.00	0.00	4.50	1.49	5.99	18.000	**OK**	0.550	0.576	2.609	2.520		1.452
↑	Grade		2059+15.00	HB45	1567.60	58.96	-2.381%	0.00	1569.01	0.00	-2.381%	0.00	1569.01	HB45	0.0083	0.8527	0.0000	1.398	1.425	**Left**	HB45	12.00	0.00	4.50	1.40	5.90	18.000	**OK**	0.540	0.563	2.612	2.532		1.425
↑	Grade		2059+20.00	HB45	1567.65	58.97	-2.378%	0.00	1569.05	0.00	-2.378%	0.00	1569.05	HB45	0.0085	0.8459	0.0000	1.370	1.398	**Left**	HB45	12.00	0.00	4.50	1.30	5.80	18.000	**OK**	0.530	0.550	2.614	2.542		1.398
↑	Grade		2059+25.00	HB45	1567.69	58.98	-2.376%	0.00	1569.09	0.00	-2.376%	0.00	1569.09	HB45	0.0087	0.8392	0.0000	1.343	1.370	**Left**	HB45	12.00	0.00	4.50	1.21	5.71	18.000	**OK**	0.520	0.537	2.616	2.550		1.370
↑	Grade		2059+30.00	HB45	1567.74	58.99	-2.373%	0.00	1569.14	0.00	-2.373%	0.00	1569.14	HB45	0.0089	0.8324	0.0000	1.316	1.343	**Left**	HB45	12.00	0.00	4.50	1.12	5.62	18.000	**OK**	0.510	0.525	2.616	2.558		1.343
↑	Grade		2059+35.00	HB45	1567.79	59.00	-2.370%	0.00	1569.18	0.00	-2.370%	0.00	1569.18	HB45	0.0091	0.8256	0.0000	1.289	1.316	**Left**	HB45	12.00	0.00	4.50	1.04	5.54	18.000	**OK**	0.500	0.513	2.616	2.565		1.316
↑	Grade		2059+40.00	HB45	1567.83	59.01	-2.367%	0.00	1569.23	0.00	-2.367%	0.00	1569.23	HB45	0.0093	0.8189	0.0000	1.262	1.289	**Left**	HB45	12.00	0.00	4.50	0.95	5.45	18.000	**OK**	0.491	0.501	2.614	2.570		1.289
↑	Grade		2059+45.00	HB45	1567.88	59.02	-2.365%	0.00	1569.28	0.00	-2.365%	0.00	1569.28	HB45	0.0095	0.8121	0.0000	1.235	1.262	**Left**	HB45	12.00	0.00	4.50	0.86	5.36	18.000	**OK**	0.481	0.490	2.612	2.575		1.262
↑	Grade		2059+50.00	HB45	1567.93	59.03	-2.362%	0.00	1569.33	0.00	-2.362%	0.00	1569.33	HB45	0.0098	0.8053	0.0000	1.208	1.235	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.472	0.479	2.609	2.578		1.235
↑	Grade		2059+55.00	HB45	1567.98	59.04	-2.359%	0.00	1569.38	0.00	-2.359%	0.00	1569.38	HB45	0.0100	0.7985	0.0000	1.180	1.208	**Left**	HB45	12.00	0.00	4.50	0.68	5.18	18.000	**OK**	0.463	0.468	2.605	2.580		1.208
↑	Grade		2059+60.00	HB45	1568.04	59.05	-2.356%	0.00	1569.43	0.00	-2.356%	0.00	1569.43	HB45	0.0102	0.7918	0.0000	1.153	1.180	**Left**	HB45	12.00	0.00	4.50	0.60	5.10	18.000	**OK**	0.453	0.457	2.600	2.580		1.180
↑	Grade		2059+65.00	HB45	1568.09	59.06	-2.354%	0.00	1569.48	0.00	-2.354%	0.00	1569.48	HB45	0.0104	0.7850	0.0000	1.126	1.153	**Left**	HB45	12.00	0.00	4.50	0.51	5.01	18.000	**OK**	0.444	0.447	2.595	2.579		1.153
↑	Grade		2059+70.00	HB45	1568.14	59.07	-2.351%	0.00	1569.53	0.00	-2.351%	0.00	1569.53	HB45	0.0106	0.7782	0.0000	1.099	1.126	**Left**	HB45	12.00	0.00	4.50	0.42	4.92	18.000	**OK**	0.435	0.437	2.588	2.577		1.126
↑	Grade		2059+75.00	HB45	1568.20	59.08	-2.348%	0.00	1569.59	0.00	-2.348%	0.00	1569.59	HB45	0.0108	0.7714	0.0000	1.072	1.099	**Left**	HB45	12.00	0.00	4.50	0.34	4.84	18.000	**OK**	0.426	0.427	2.581	2.574		1.099
↑	Grade		2059+80.00	HB45	1568.26	59.09	-2.345%	0.00	1569.64	0.00	-2.345%	0.00	1569.64	HB45	0.0110	0.7646	0.0000	1.044	1.072	**Left**	HB45	12.00	0.00	4.50	0.25	4.75	18.000	**OK**	0.416	0.417	2.573	2.568		1.072
↑	Grade		2059+85.00	HB45	1568.31	59.10	-2.343%	0.00	1569.70	0.00	-2.343%	0.00	1569.70	HB45	0.0112	0.7579	0.0000	1.017	1.044	**Left**	HB45	12.00	0.00	4.50	0.16	4.66	18.000	**OK**	0.407	0.408	2.564	2.562		1.044
↑	Grade		2059+90.00	HB45	1568.37	59.11	-2.340%	0.00	1569.75	0.00	-2.340%	0.00	1569.75	HB45	0.0114	0.7511	0.0000	0.990	1.017	**Left**	HB45	12.00	0.00	4.50	0.08	4.58	18.000	**OK**	0.398	0.398	2.554	2.553		1.017
↑	Grade		2059+95.00	HB45	1568.43	59.12	-2.337%	0.00	1569.81	0.00	-2.337%	0.00	1569.81	HB45	0.0116	0.7443	0.0000	0.963	0.990	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.389	0.389	2.543	2.543		0.990
↑	Grade		2060+00.00	HB45	1568.49	59.13	-2.334%	0.00	1569.87	0.00	-2.334%	0.00	1569.87	HB45	0.0118	0.7375	0.0000	0.936	0.963	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.380	0.380	2.532	2.532		0.963
↑	Grade		2060+05.00	HB45	1568.55	59.13	-2.331%	0.00	1569.93	0.00	-2.331%	0.00	1569.93	HB45	0.0120	0.7307	0.0000	0.908	0.936	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.371	0.371	2.520	2.520		0.936
↑	Grade		2060+10.00	HB45	1568.62	59.14	-2.329%	0.00	1569.99	0.00	-2.329%	0.00	1569.99	HB45	0.0122	0.7239	0.0000	0.881	0.908	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.362	0.362	2.507	2.507		0.908
↑	Grade		2060+15.00	HB45	1568.68	59.15	-2.326%	0.00	1570.05	0.00	-2.326%	0.00	1570.05	HB45	0.0124	0.7171	0.0000	0.854	0.881	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.353	0.353	2.493	2.493		0.881
↑	Grade		2060+20.00	HB45	1568.74	59.16	-2.323%	0.00	1570.12	0.00	-2.323%	0.00	1570.12	HB45	0.0126	0.7104	0.0000	0.827	0.854	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.344	0.344	2.479	2.479		0.854
↑	Grade		2060+25.00	HB45	1568.81	59.17	-2.320%	0.00	1570.18	0.00	-2.320%	0.00	1570.18	HB45	0.0129	0.7036	0.0000	0.800	0.827	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.336	0.336	2.464	2.464		0.827
↑	Grade		2060+30.00	HB45	1568.88	59.18	-2.318%	0.00	1570.25	0.00	-2.318%	0.00	1570.25	HB45	0.0131	0.6968	0.0000	0.772	0.800	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.327	0.327	2.448	2.448		0.800
↑	Grade		2060+35.00	HB45	1568.94	59.19	-2.315%	0.00	1570.31	0.00	-2.315%	0.00	1570.31	HB45	0.0133	0.6900	0.0000	0.745	0.772	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.318	0.318	2.431	2.431		0.772
↑	Grade		2060+40.00	HB45	1569.01	59.20	-2.312%	0.00	1570.38	0.00	-2.312%	0.00	1570.38	HB45	0.0135	0.6832	0.0000	0.718	0.745	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.309	0.309	2.414	2.414		0.745
↑	Grade		2060+45.00	HB45	1569.08	59.21	-2.309%	0.00	1570.45	0.00	-2.309%	0.00	1570.45	HB45	0.0137	0.6764	0.0000	0.691	0.718	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.300	0.300	2.396	2.396		0.718
↑	Grade		2060+50.00	HB45	1569.15	59.22	-2.307%	0.00	1570.52	0.00	-2.307%	0.00	1570.52	HB45	0.0139	0.6696	0.0000	0.663	0.691	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.291	0.291	2.377	2.377		0.691
↑	Grade		2060+55.00	HB45	1569.22	59.23	-2.304%	0.00	1570.59	0.00	-2.304%	0.00	1570.59	HB45	0.0141	0.6628	0.0000	0.636	0.663	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.281	0.281	2.357	2.357		0.663
↑	Grade		2060+60.00	HB45	1569.30	59.24	-2.301%	0.00	1570.66	0.00	-2.301%	0.00	1570.66	HB45	0.0143	0.6560	0.0000	0.609	0.636	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.272	0.272	2.337	2.337		0.636
↑	Grade		2060+65.00	HB45	1569.37	59.25	-2.298%	0.00	1570.73	0.00	-2.298%	0.00	1570.73	HB45	0.0145	0.6492	0.0000	0.582	0.609	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.263	0.263	2.316	2.316		0.609
↑	Grade		2060+70.00	HB45	1569.45	59.26	-2.296%	0.00	1570.81	0.00	-2.296%	0.00	1570.81	HB45	0.0146	0.6424	0.0000	0.554	0.582	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.254	0.254	2.288	2.288		0.582
↑	Grade		2060+75.00	HB45	1569.52	59.27	-2.293%	0.00	1570.88	0.00	-2.293%	0.00	1570.88	HB45	0.0146	0.6356	0.0000	0.527	0.554	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.246	0.246	2.255	2.255		0.554
↑	Grade		2060+80.00	HB45	1569.60	59.28	-2.290%	0.00	1570.95	0.00	-2.290%	0.00	1570.95	HB45	0.0146	0.6288	0.0000	0.500	0.527	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.237	0.237	2.221	2.221		0.527
↑	Grade		2060+85.00	HB45	1569.67	59.29	-2.287%	0.00	1571.03	0.00	-2.287%	0.00	1571.03	HB45	0.0146	0.6220	0.0000	0.472	0.500	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.229	0.229	2.187	2.187		0.500
↑	Grade		2060+90.00	HB45	1569.74	59.30	-2.285%	0.00	1571.10	0.00	-2.285%	0.00	1571.10	HB45	0.0146	0.6152	0.0000	0.445	0.472	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.220	0.220	2.152	2.152		0.472
↑	Grade		2060+95.00	HB45	1569.82	59.31	-2.282%	0.00	1571.17	0.00	-2.282%	0.00	1571.17	HB45	0.0146	0.6084	0.0000	0.418	0.445	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.210	0.210	2.118	2.118		0.445
↑	Grade		2061+00.00	HB45	1569.89	59.32	-2.279%	0.00	1571.24	0.00	-2.279%	0.00	1571.24	HB45	0.0146	0.6016	0.0000	0.391	0.418	**Left**	HB45	12.00	0.00	4.48	0.00	4.48	18.000	**OK**	0.200	0.200	2.084	2.084		0.418
↑	Grade		2061+05.00	HB45	1569.97	59.33	-2.276%	0.00	1571.32	0.00	-2.276%	0.00	1571.32	HB45	0.0146	0.5948	0.0000	0.363	0.391	**Left**	HB45	12.00	0.00	4.37	0.00	4.37	18.000	**OK**	0.191	0.191	2.049	2.049		0.391
↑	Grade		2061+10.00	HB45	1570.04	59.34	-2.273%	0.00	1571.39	0.00	-2.273%	0.00	1571.39	HB45	0.0146	0.5880	0.0000	0.336	0.363	**Left**	HB45	12.00	0.00	4.25	0.00	4.25	18.000	**OK**	0.181	0.181	2.013	2.013		0.363
↑	Grade		2061+15.00	HB45	1570.12	59.35	-2.271%	0.00	1571.46	0.00	-2.271%	0.00	1571.46	HB45	0.0146	0.5811	0.0000	0.309	0.336	**Left**	HB45	12.00	0.00	4.13	0.00	4.13	18.000	**OK**	0.170	0.170	1.974	1.974		0.336
↑	Grade		2061+20.00	HB45	1570.19	59.36	-2.268%	0.00	1571.54	0.00	-2.268%	0.00	1571.54	HB45	0.0146	0.5743	0.0000	0.281	0.309	**Left**	HB45	12.00	0.00	4.00	0.00	4.00	18.000	**OK**	0.160	0.160	1.932	1.932		0.309
↑	Grade		2061+25.00	HB45	1570.27	59.37	-2.265%	0.00	1571.61	0.00	-2.265%	0.00	1571.61	HB45	0.0146	0.5675	0.0000	0.254	0.281	**Left**	HB45	12.00	0.00	3.86	0.00	3.86	18.000	**OK**	0.149	0.149	1.888	1.888		0.281

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2061+30.00	HB45	1570.34	59.38	-2.262%	0.00	1571.68	0.00	-2.262%	0.00	1571.68	HB45	0.0146	0.5607	0.0000	0.227	0.254	**Left**	HB45	12.00	0.00	3.72	0.00	3.72	18.000	**OK**	0.138	0.138	1.841	1.841		0.254
↑	Grade		2061+35.00	HB45	1570.41	59.39	-2.260%	0.00	1571.76	0.00	-2.260%	0.00	1571.76	HB45	0.0146	0.5539	0.0000	0.199	0.227	**Left**	HB45	12.00	0.00	3.56	0.00	3.56	18.000	**OK**	0.127	0.127	1.789	1.789		0.227
↑	Grade		2061+40.00	HB45	1570.49	59.40	-2.257%	0.00	1571.83	0.00	-2.257%	0.00	1571.83	HB45	0.0146	0.5471	0.0000	0.172	0.199	**Left**	HB45	12.00	0.00	3.39	0.00	3.39	18.000	**OK**	0.115	0.115	1.732	1.732		0.199
↑	Grade		2061+45.00	HB45	1570.56	59.41	-2.254%	0.00	1571.90	0.00	-2.254%	0.00	1571.90	HB45	0.0146	0.5403	0.0000	0.145	0.172	**Left**	HB45	12.00	0.00	3.21	0.00	3.21	18.000	**OK**	0.103	0.103	1.670	1.670		0.172
↑	Grade		2061+50.00	HB45	1570.64	59.42	-2.251%	0.00	1571.98	0.00	-2.251%	0.00	1571.98	HB45	0.0146	0.5334	0.0000	0.117	0.145	**Left**	HB45	12.00	0.00	3.01	0.00	3.01	18.000	**OK**	0.091	0.091	1.599	1.599		0.145
↑	Grade		2061+55.00	HB45	1570.71	59.43	-2.249%	0.00	1572.05	0.00	-2.249%	0.00	1572.05	HB45	0.0146	0.5266	0.0000	0.090	0.117	**Left**	HB45	12.00	0.00	2.78	0.00	2.78	18.000	**OK**	0.077	0.077	1.518	1.518		0.117
↑	Grade		2061+60.00	HB45	1570.79	59.44	-2.246%	0.00	1572.12	0.00	-2.246%	0.00	1572.12	HB45	0.0146	0.5198	0.0000	0.063	0.090	**Left**	HB45	12.00	0.00	2.52	0.00	2.52	18.000	**OK**	0.063	0.063	1.420	1.420		0.090
↑	Grade		2061+65.00	HB45	1570.86	59.45	-2.243%	0.00	1572.20	0.00	-2.243%	0.00	1572.20	HB45	0.0150	0.5130	0.0000	0.035	0.063	**Left**	HB45	12.00	0.00	2.19	0.00	2.19	18.000	**OK**	0.048	0.048	1.310	1.310		0.063
↑	Grade	**3**	2061+70.00	HB45	1570.94	59.46	-2.240%	0.00	1572.27	0.00	-2.240%	0.00	1572.27	HB45	0.0145	0.5062	0.0000	2.029	2.057	**Left**	HB45	12.00	0.00	4.50	1.76	6.26	18.000	**OK**	0.568	0.602	3.563	3.414	3	2.057
↑	Grade		2061+75.00	HB45	1571.01	59.47	-2.238%	0.00	1572.34	0.00	-2.238%	0.00	1572.34	HB45	0.0143	0.4993	0.0000	2.002	2.029	**Left**	HB45	12.00	0.00	4.50	1.74	6.24	18.000	**OK**	0.566	0.599	3.530	3.385		2.029
↑	Grade		2061+80.00	HB45	1571.08	59.48	-2.235%	0.00	1572.41	0.00	-2.235%	0.00	1572.41	HB45	0.0141	0.4925	0.0000	1.974	2.002	**Left**	HB45	12.00	0.00	4.50	1.72	6.22	18.000	**OK**	0.563	0.596	3.498	3.356		2.002
↑	Grade		2061+85.00	HB45	1571.15	59.49	-2.232%	0.00	1572.48	0.00	-2.232%	0.00	1572.48	HB45	0.0139	0.4857	0.0000	1.947	1.974	**Left**	HB45	12.00	0.00	4.50	1.70	6.20	18.000	**OK**	0.561	0.593	3.465	3.327		1.974
↑	Grade		2061+90.00	HB45	1571.22	59.50	-2.229%	0.00	1572.55	0.00	-2.229%	0.00	1572.55	HB45	0.0137	0.4789	0.0000	1.920	1.947	**Left**	HB45	12.00	0.00	4.50	1.68	6.18	18.000	**OK**	0.559	0.590	3.432	3.298		1.947
↑	Grade		2061+95.00	HB45	1571.29	59.51	-2.227%	0.00	1572.62	0.00	-2.227%	0.00	1572.62	HB45	0.0135	0.4720	0.0000	1.892	1.920	**Left**	HB45	12.00	0.00	4.50	1.66	6.16	18.000	**OK**	0.557	0.587	3.399	3.269		1.920
↑	Grade		2062+00.00	HB45	1571.36	59.52	-2.224%	0.00	1572.68	0.00	-2.224%	0.00	1572.68	HB45	0.0133	0.4652	0.0000	1.865	1.892	**Left**	HB45	12.00	0.00	4.50	1.64	6.14	18.000	**OK**	0.554	0.584	3.366	3.239		1.892
↑	Grade		2062+05.00	HB45	1571.43	59.52	-2.221%	0.00	1572.75	0.00	-2.221%	0.00	1572.75	HB45	0.0131	0.4584	0.0000	1.838	1.865	**Left**	HB45	12.00	0.00	4.50	1.62	6.12	18.000	**OK**	0.552	0.581	3.333	3.209		1.865
↑	Grade		2062+10.00	HB45	1571.49	59.53	-2.218%	0.00	1572.81	0.00	-2.218%	0.00	1572.81	HB45	0.0130	0.4515	0.0000	1.810	1.838	**Left**	HB45	12.00	0.00	4.50	1.60	6.10	18.000	**OK**	0.550	0.578	3.299	3.179		1.838
↑	Grade		2062+15.00	HB45	1571.56	59.54	-2.215%	0.00	1572.88	0.00	-2.215%	0.00	1572.88	HB45	0.0128	0.4447	0.0000	1.783	1.810	**Left**	HB45	12.00	0.00	4.50	1.58	6.08	18.000	**OK**	0.547	0.575	3.265	3.149		1.810
↑	Grade		2062+20.00	HB45	1571.62	59.55	-2.213%	0.00	1572.94	0.00	-2.213%	0.00	1572.94	HB45	0.0126	0.4379	0.0000	1.755	1.783	**Left**	HB45	12.00	0.00	4.50	1.55	6.05	18.000	**OK**	0.545	0.572	3.232	3.119		1.783
↑	Grade		2062+25.00	HB45	1571.69	59.56	-2.210%	0.00	1573.00	0.00	-2.210%	0.00	1573.00	HB45	0.0124	0.4310	0.0000	1.728	1.755	**Left**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.542	0.568	3.197	3.089		1.755
↑	Grade		2062+30.00	HB45	1571.75	59.57	-2.207%	0.00	1573.06	0.00	-2.207%	0.00	1573.06	HB45	0.0122	0.4242	0.0000	1.701	1.728	**Left**	HB45	12.00	0.00	4.50	1.51	6.01	18.000	**OK**	0.540	0.565	3.163	3.058		1.728
↑	Grade		2062+35.00	HB45	1571.81	59.58	-2.204%	0.00	1573.12	0.00	-2.204%	0.00	1573.12	HB45	0.0120	0.4174	0.0000	1.673	1.701	**Left**	HB45	12.00	0.00	4.50	1.49	5.99	18.000	**OK**	0.537	0.562	3.129	3.027		1.701
↑	Grade		2062+40.00	HB45	1571.87	59.59	-2.202%	0.00	1573.18	0.00	-2.202%	0.00	1573.18	HB45	0.0118	0.4105	0.0000	1.646	1.673	**Left**	HB45	12.00	0.00	4.50	1.46	5.96	18.000	**OK**	0.535	0.558	3.094	2.996		1.673
↑	Grade		2062+45.00	HB45	1571.93	59.60	-2.199%	0.00	1573.24	0.00	-2.199%	0.00	1573.24	HB45	0.0116	0.4037	0.0000	1.618	1.646	**Left**	HB45	12.00	0.00	4.50	1.44	5.94	18.000	**OK**	0.532	0.555	3.059	2.965		1.646
↑	Grade		2062+50.00	HB45	1571.99	59.61	-2.196%	0.00	1573.30	0.00	-2.196%	0.00	1573.30	HB45	0.0114	0.3968	0.0000	1.591	1.618	**Left**	HB45	12.00	0.00	4.50	1.41	5.91	18.000	**OK**	0.530	0.552	3.025	2.934		1.618
↑	Grade		2062+55.00	HB45	1572.05	59.62	-2.193%	0.00	1573.35	0.00	-2.193%	0.00	1573.35	HB45	0.0112	0.3900	0.0000	1.563	1.591	**Left**	HB45	12.00	0.00	4.50	1.39	5.89	18.000	**OK**	0.527	0.548	2.989	2.902		1.591
↑	Grade		2062+60.00	HB45	1572.10	59.63	-2.191%	0.00	1573.41	0.00	-2.191%	0.00	1573.41	HB45	0.0110	0.3832	0.0000	1.536	1.563	**Left**	HB45	12.00	0.00	4.50	1.36	5.86	18.000	**OK**	0.524	0.545	2.954	2.870		1.563
↑	Grade		2062+65.00	HB45	1572.16	59.64	-2.188%	0.00	1573.46	0.00	-2.188%	0.00	1573.46	HB45	0.0108	0.3763	0.0000	1.509	1.536	**Left**	HB45	12.00	0.00	4.50	1.34	5.84	18.000	**OK**	0.522	0.541	2.918	2.838		1.536
↑	Grade		2062+70.00	HB45	1572.21	59.65	-2.185%	0.00	1573.52	0.00	-2.185%	0.00	1573.52	HB45	0.0106	0.3695	0.0000	1.481	1.509	**Left**	HB45	12.00	0.00	4.50	1.31	5.81	18.000	**OK**	0.519	0.538	2.883	2.805		1.509
↑	Grade		2062+75.00	HB45	1572.27	59.66	-2.182%	0.00	1573.57	0.00	-2.182%	0.00	1573.57	HB45	0.0104	0.3626	0.0000	1.454	1.481	**Left**	HB45	12.00	0.00	4.50	1.28	5.78	18.000	**OK**	0.516	0.534	2.847	2.773		1.481
↑	Grade		2062+80.00	HB45	1572.32	59.67	-2.180%	0.00	1573.62	0.00	-2.180%	0.00	1573.62	HB45	0.0102	0.3558	0.0000	1.426	1.454	**Left**	HB45	12.00	0.00	4.50	1.26	5.76	18.000	**OK**	0.513	0.531	2.810	2.740		1.454
↑	Grade		2062+85.00	HB45	1572.37	59.68	-2.177%	0.00	1573.67	0.00	-2.177%	0.00	1573.67	HB45	0.0100	0.3489	0.0000	1.399	1.426	**Left**	HB45	12.00	0.00	4.50	1.23	5.73	18.000	**OK**	0.510	0.527	2.774	2.707		1.426
↑	Grade		2062+90.00	HB45	1572.42	59.69	-2.174%	0.00	1573.72	0.00	-2.174%	0.00	1573.72	HB45	0.0098	0.3421	0.0000	1.371	1.399	**Left**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.508	0.523	2.737	2.673		1.399
↑	Grade		2062+95.00	HB45	1572.47	59.70	-2.171%	0.00	1573.77	0.00	-2.171%	0.00	1573.77	HB45	0.0096	0.3352	0.0000	1.344	1.371	**Left**	HB45	12.00	0.00	4.50	1.17	5.67	18.000	**OK**	0.505	0.519	2.700	2.640		1.371
↑	Grade		2063+00.00	HB45	1572.52	59.71	-2.169%	0.00	1573.81	0.00	-2.169%	0.00	1573.81	HB45	0.0094	0.3284	0.0000	1.316	1.344	**Left**	HB45	12.00	0.00	4.50	1.14	5.64	18.000	**OK**	0.502	0.516	2.663	2.606		1.344
↑	Grade		2063+05.00	HB45	1572.57	59.71	-2.166%	0.00	1573.86	0.00	-2.166%	0.00	1573.86	HB45	0.0092	0.3215	0.0000	1.289	1.316	**Left**	HB45	12.00	0.00	4.50	1.11	5.61	18.000	**OK**	0.498	0.512	2.626	2.572		1.316
↑	Grade		2063+10.00	HB45	1572.61	59.70	-2.163%	0.00	1573.90	0.00	-2.163%	0.00	1573.90	HB45	0.0090	0.3147	0.0000	1.261	1.289	**Left**	HB45	12.00	0.00	4.50	1.08	5.58	18.000	**OK**	0.495	0.508	2.588	2.537		1.289
↑	Grade		2063+15.00	HB45	1572.66	59.70	-2.160%	0.00	1573.95	0.00	-2.160%	0.00	1573.95	HB45	0.0089	0.3078	0.0000	1.234	1.261	**Left**	HB45	12.00	0.00	4.50	1.05	5.55	18.000	**OK**	0.492	0.504	2.550	2.502		1.261
↑	Grade		2063+20.00	HB45	1572.70	59.69	-2.157%	0.00	1573.99	0.00	-2.157%	0.00	1573.99	HB45	0.0087	0.3010	0.0000	1.206	1.234	**Left**	HB45	12.00	0.00	4.50	1.02	5.52	18.000	**OK**	0.489	0.500	2.512	2.467		1.234
↑	Grade		2063+25.00	HB45	1572.75	59.69	-2.155%	0.00	1574.03	0.00	-2.155%	0.00	1574.03	HB45	0.0085	0.2941	0.0000	1.179	1.206	**Left**	HB45	12.00	0.00	4.50	0.99	5.49	18.000	**OK**	0.486	0.496	2.473	2.431		1.206
↑	Grade		2063+30.00	HB45	1572.79	59.68	-2.152%	0.00	1574.08	0.00	-2.152%	0.00	1574.08	HB45	0.0083	0.2873	0.0000	1.151	1.179	**Left**	HB45	12.00	0.00	4.50	0.95	5.45	18.000	**OK**	0.482	0.492	2.434	2.395		1.179
↑	Grade		2063+35.00	HB45	1572.83	59.68	-2.149%	0.00	1574.12	0.00	-2.149%	0.00	1574.12	HB45	0.0081	0.2804	0.0000	1.124	1.151	**Left**	HB45	12.00	0.00	4.50	0.92	5.42	18.000	**OK**	0.479	0.488	2.395	2.359		1.151
↑	Grade		2063+40.00	HB45	1572.87	59.67	-2.146%	0.00	1574.16	0.00	-2.146%	0.00	1574.16	HB45	0.0079	0.2735	0.0000	1.097	1.124	**Left**	HB45	12.00	0.00	4.50	0.89	5.39	18.000	**OK**	0.476	0.484	2.356	2.323		1.124
↑	Grade		2063+45.00	HB45	1572.92	59.67	-2.144%	0.00	1574.19	0.00	-2.144%	0.00	1574.19	HB45	0.0077	0.2667	0.0000	1.069	1.097	**Left**	HB45	12.00	0.00	4.50	0.85	5.35	18.000	**OK**	0.472	0.480	2.316	2.286		1.097
↑	Grade		2063+50.00	HB45	1572.95	59.66	-2.141%	0.00	1574.23	0.00	-2.141%	0.00	1574.23	HB45	0.0075	0.2599	0.0000	1.042	1.069	**Left**	HB45	12.00	0.00	4.50	0.81	5.31	18.000	**OK**	0.468	0.476	2.276	2.248		1.069
↑	Grade		2063+55.00	HB45	1572.99	59.66	-2.138%	0.00	1574.27	0.00	-2.138%	0.00	1574.27	HB45	0.0073	0.2530	0.0000	1.014	1.042	**Left**	HB45	12.00	0.00	4.50	0.78	5.28	18.000	**OK**	0.465	0.471	2.236	2.211		1.042
↑	Grade		2063+60.00	HB45	1573.03	59.65	-2.135%	0.00	1574.30	0.00	-2.135%	0.00	1574.30	HB45	0.0071	0.2462	0.0000	0.987	1.014	**Left**	HB45	12.00	0.00	4.50	0.74	5.24	18.000	**OK**	0.461	0.467	2.195	2.172		1.014
↑	Grade		2063+65.00	HB45	1573.07	59.65	-2.133%	0.00	1574.34	0.00	-2.133%	0.00	1574.34	HB45	0.0069	0.2393	0.0000	0.959	0.987	**Left**	HB45	12.00	0.00	4.50	0.70	5.20	18.000	**OK**	0.457	0.462	2.154	2.134		0.987
↑	Grade		2063+70.00	HB45	1573.10	59.64	-2.130%	0.00	1574.37	0.00	-2.130%	0.00	1574.37	HB45	0.0067	0.2325	0.0000	0.932	0.959	**Left**	HB45	12.00	0.00	4.50	0.66	5.16	18.000	**OK**	0.453	0.458	2.113	2.095		0.959
↑	Grade		2063+75.00	HB45	1573.14	59.64	-2.127%	0.00	1574.40	0.00	-2.127%	0.00	1574.40	HB45	0.0065	0.2256	0.0000	0.904	0.932	**Left**	HB45	12.00	0.00	4.50	0.62	5.12	18.000	**OK**	0.449	0.453	2.071	2.055		0.932
↑	Grade		2063+80.00	HB45	1573.17	59.63	-2.124%	0.00	1574.44	0.00	-2.124%	0.00	1574.44	HB45	0.0063	0.2188	0.0000	0.877	0.904	**Left**	HB45	12.00	0.00	4.50	0.58	5.08	18.000	**OK**	0.445	0.449	2.029	2.015		0.904
↑	Grade		2063+85.00	HB45	1573.20	59.63	-2.122%	0.00	1574.47	0.00	-2.122%	0.00	1574.47	HB45	0.0061	0.2119	0.0000	0.850	0.877	**Left**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.441	0.444	1.986	1.974		0.877
↑	Grade		2063+90.00	HB45	1573.23	59.62	-2.119%	0.00	1574.50	0.00	-2.119%	0.00	1574.50	HB45	0.0059	0.2051	0.0000	0.822	0.850	**Left**	HB45	12.00	0.00	4.50	0.49	4.99	18.000	**OK**	0.437	0.439	1.943	1.933		0.850
↑	Grade		2063+95.00	HB45	1573.26	59.62	-2.116%	0.00	1574.52	0.00	-2.116%	0.00	1574.52	HB45	0.0057	0.1982	0.0000	0.795	0.822	**Left**	HB45	12.00	0.00	4.50	0.45	4.95	18.000	**OK**	0.433	0.435	1.900	1.892		0.822
↑	Grade		2064+00.00	HB45	1573.29	59.61	-2.113%	0.00	1574.55	0.00	-2.113%	0.00	1574.55	HB45	0.0055	0.1914	0.0000	0.767	0.795	**Left**	HB45	12.00	0.00	4.50	0.40	4.90	18.000	**OK**	0.428	0.430	1.856	1.849		0.795
↑	Grade		2064+05.00	HB45	1573.32	59.61	-2.110%	0.00	1574.58	0.00	-2.110%	0.00	1574.58	HB45	0.0053	0.1845	0.0000	0.740	0.767	**Left**	HB45	12.00	0.00	4.50	0.35	4.85	18.000	**OK**	0.423	0.425	1.811	1.806		0.767
↑	Grade		2064+10.00	HB45	1573.35	59.60	-2.108%	0.00	1574.60	0.00	-2.108%	0.00	1574.60	HB45	0.0051	0.1777	0.0000	0.712	0.740	**Left**	HB45	12.00	0.00	4.50	0.30	4.80	18.000	**OK**	0.419	0.420	1.766	1.763		0.740
↑	Grade		2064+15.00	HB45	1573.38	59.60	-2.105%	0.00	1574.63	0.00	-2.105%	0.00	1574.63	HB45	0.0050	0.1709	0.0000	0.685	0.712	**Left**	HB45	12.00	0.00	4.50	0.25	4.75	18.000	**OK**	0.414	0.415	1.721	1.718		0.712
↑	Grade		2064+20.00	HB45	1573.40	59.59	-2.102%	0.00	1574.65	0.00	-2.102%	0.00	1574.65	HB45	0.0048	0.1640	0.0000	0.658	0.685	**Left**	HB45	12.00	0.00	4.50	0.20	4.70	18.000	**OK**	0.409	0.409	1.675	1.673		0.685
↑	Grade		2064+25.00	HB45	1573.43	59.59	-2.099%	0.00	1574.68	0.00	-2.099%	0.00	1574.68	HB45	0.0046	0.1572	0.0000	0.630	0.658	**Left**	HB45	12.00	0.00	4.50	0.15	4.65	18.000	**OK**	0.404	0.404	1.628	1.627		0.658
↑	Grade		2064+30.00	HB45	1573.45	59.58	-2.097%	0.00	1574.70	0.00	-2.097%	0.00	1574.70	HB45	0.0044	0.1503	0.0000	0.603	0.630	**Left**	HB45	12.00	0.00	4.50	0.09	4.59	18.000	**OK**	0.399	0.399	1.581	1.581		0.630
↑	Grade		2064+35.00	HB45	1573.47	59.58	-2.094%	0.00	1574.72	0.00	-2.094%	0.00	1574.72	HB45	0.0042	0.1435	0.0000	0.575	0.603	**Left**	HB45	12.00	0.00	4.50	0.03	4.53	18.000	**OK**	0.393	0.393	1.533	1.533		0.603
↑	Grade		2064+40.00	HB45	1573.49	59.57	-2.091%	0.00	1574.74	0.00	-2.091%	0.00	1574.74	HB45	0.0040	0.1367	0.0000	0.548	0.575	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.387	0.387	1.485	1.485		0.575
↑	Grade		2064+45.00	HB45	1573.51	59.57	-2.088%	0.00	1574.76	0.00	-2.088%	0.00	1574.76	HB45	0.0038	0.1298	0.0000	0.520	0.548	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	1.435	1.435		0.548
↑	Grade		2064+50.00	HB45	1573.53	59.56	-2.086%	0.00	1574.78	0.00	-2.086%	0.00	1574.78	HB45	0.0036	0.1230	0.0000	0.493	0.520	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.376	0.376	1.385	1.385		0.520
↑	Grade		2064+55.00	HB45	1573.55	59.56	-2.083%	0.00	1574.79	0.00	-2.083%	0.00	1574.79	HB45	0.0034	0.1161	0.0000	0.466	0.493	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.369	0.369	1.335	1.335		0.493
↑	Grade		2064+60.00	HB45	1573.57	59.55	-2.080%	0.00	1574.81	0.00	-2.080%	0.00	1574.81	HB45	0.0032	0.1093	0.0000	0.438	0.466	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.363	0.363	1.283	1.283		0.466
↑	Grade		2064+65.00	HB45	1573.59	59.55	-2.077%	0.00	1574.82	0.00	-2.077%	0.00	1574.82	HB45	0.0030	0.1025	0.0000	0.411	0.438	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.356	0.356	1.230	1.230		0.438
↑	Grade		2064+70.00	HB45	1573.60	59.55	-2.075%	0.00	1574.84	0.00	-2.075%	0.00	1574.84	HB45	0.0028	0.0956	0.0000	0.383	0.411	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.349	0.349	1.177	1.177		0.411
↑	Grade		2064+75.00	HB45	1573.62	59.54	-2.072%	0.00	1574.85	0.00	-2.072%	0.00	1574.85	HB45	0.0026	0.0888	0.0000	0.356	0.383	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.342	0.342	1.122	1.122		0.383
↑	Grade		2064+80.00	HB45	1573.63	59.54	-2.069%	0.00	1574.86	0.00	-2.069%	0.00	1574.86	HB45	0.0024	0.0820	0.0000	0.329	0.356	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.334	0.334	1.066	1.066		0.356
↑	Grade		2064+85.00	HB45	1573.64	59.53	-2.066%	0.00	1574.87	0.00	-2.066%	0.00	1574.87	HB45	0.0022	0.0751	0.0000	0.301	0.329	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.326	0.326	1.009	1.009		0.329
↑	Grade		2064+90.00	HB45	1573.66	59.53	-2.064%	0.00	1574.88	0.00	-2.064%	0.00	1574.88	HB45	0.0020	0.0683	0.0000	0.274	0.301	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.317	0.317	0.950	0.950		0.301
↑	Grade		2064+95.00	HB45	1573.67	59.52	-2.061%	0.00	1574.89	0.00	-2.061%	0.00	1574.89	HB45	0.0018	0.0615	0.0000	0.246	0.274	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.308	0.308	0.889	0.889		0.274

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2065+00.00	HB45	1573.68	59.52	-2.058%	0.00	1574.90	0.00	-2.058%	0.00	1574.90	HB45	0.0016	0.0546	0.0000	0.219	0.246	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.298	0.298	0.827	0.827		0.246
↑	Grade		2065+05.00	HB45	1573.69	59.51	-2.055%	0.00	1574.91	0.00	-2.055%	0.00	1574.91	HB45	0.0014	0.0478	0.0000	0.192	0.219	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.287	0.287	0.762	0.762		0.219
↑	Grade		2065+10.00	HB45	1573.69	59.51	-2.052%	0.00	1574.91	0.00	-2.052%	0.00	1574.91	HB45	0.0012	0.0410	0.0000	0.164	0.192	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.276	0.276	0.695	0.695		0.192
↑	Grade		2065+15.00	HB45	1573.70	59.50	-2.050%	0.00	1574.92	0.00	-2.050%	0.00	1574.92	HB45	0.0011	0.0341	0.0000	0.137	0.164	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.263	0.263	0.624	0.624		0.164
↑	Grade		2065+20.00	HB45	1573.71	59.50	-2.047%	0.00	1574.92	0.00	-2.047%	0.00	1574.92	HB45	0.0009	0.0273	0.0000	0.109	0.137	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.249	0.249	0.549	0.549		0.137
↑	Grade		2065+25.00	HB45	1573.71	59.49	-2.044%	0.00	1574.93	0.00	-2.044%	0.00	1574.93	HB45	0.0007	0.0205	0.0000	0.082	0.109	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.233	0.233	0.470	0.470		0.109
↑	Grade		2065+30.00	HB45	1573.72	59.49	-2.041%	0.00	1574.93	0.00	-2.041%	0.00	1574.93	HB45	0.0005	0.0137	0.0000	0.055	0.082	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.215	0.215	0.382	0.382		0.082
↑	Grade		2065+35.00	HB45	1573.72	59.48	-2.039%	0.00	1574.93	0.00	-2.039%	0.00	1574.93	HB45	0.0003	0.0068	0.0000	0.027	0.055	**Left**	HB45	12.00	0.00	4.41	0.00	4.41	18.000	**OK**	0.194	0.194	0.282	0.282		0.055
↑	Crest		2065+40.00	HB45	1573.72	59.48	-2.036%	0.00	1574.93	0.00	-2.036%	0.00	1574.93	HB45	0.0001	0.0000	0.0000	0.000	0.027	**Left**	HB45	12.00	0.00	4.30	0.00	4.30	18.000	**OK**	0.185	0.185	0.148	0.148		0.027
↓	Grade		2065+45.00	HB45	1573.72	59.47	-2.033%	0.00	1574.93	0.00	-2.033%	0.00	1574.93	HB45	-0.0001	0.0068	0.0000	0.027	0.055	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.263	0.263	0.208	0.208		0.055
↓	Grade		2065+50.00	HB45	1573.72	59.47	-2.030%	0.00	1574.93	0.00	-2.030%	0.00	1574.93	HB45	-0.0003	0.0137	0.0000	0.055	0.082	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.248	0.248	0.331	0.331		0.082
↓	Grade		2065+55.00	HB45	1573.72	59.46	-2.028%	0.00	1574.93	0.00	-2.028%	0.00	1574.93	HB45	-0.0005	0.0205	0.0000	0.082	0.109	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.256	0.256	0.428	0.428		0.109
↓	Grade		2065+60.00	HB45	1573.72	59.46	-2.025%	0.00	1574.92	0.00	-2.025%	0.00	1574.92	HB45	-0.0007	0.0273	0.0000	0.109	0.137	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.267	0.267	0.513	0.513		0.137
↓	Grade		2065+65.00	HB45	1573.72	59.45	-2.022%	0.00	1574.92	0.00	-2.022%	0.00	1574.92	HB45	-0.0009	0.0341	0.0000	0.137	0.164	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.278	0.278	0.591	0.591		0.164
↓	Grade		2065+70.00	HB45	1573.71	59.45	-2.019%	0.00	1574.91	0.00	-2.019%	0.00	1574.91	HB45	-0.0011	0.0410	0.0000	0.164	0.192	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.288	0.288	0.664	0.664		0.192
↓	Grade		2065+75.00	HB45	1573.71	59.44	-2.017%	0.00	1574.91	0.00	-2.017%	0.00	1574.91	HB45	-0.0013	0.0478	0.0000	0.192	0.219	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.298	0.298	0.734	0.734		0.219
↓	Grade		2065+80.00	HB45	1573.70	59.44	-2.014%	0.00	1574.90	0.00	-2.014%	0.00	1574.90	HB45	-0.0015	0.0546	0.0000	0.219	0.246	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.308	0.308	0.800	0.800		0.246
↓	Grade		2065+85.00	HB45	1573.70	59.43	-2.011%	0.00	1574.89	0.00	-2.011%	0.00	1574.89	HB45	-0.0017	0.0614	0.0000	0.246	0.274	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.317	0.317	0.864	0.864		0.274
↓	Grade		2065+90.00	HB45	1573.69	59.43	-2.008%	0.00	1574.88	0.00	-2.008%	0.00	1574.88	HB45	-0.0019	0.0682	0.0000	0.274	0.301	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.325	0.325	0.925	0.925		0.301
↓	Grade		2065+95.00	HB45	1573.68	59.42	-2.006%	0.00	1574.87	0.00	-2.006%	0.00	1574.87	HB45	-0.0021	0.0751	0.0000	0.301	0.328	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.333	0.333	0.985	0.985		0.328
↓	Grade		2066+00.00	HB45	1573.67	59.42	-2.003%	0.00	1574.86	0.00	-2.003%	0.00	1574.86	HB45	-0.0023	0.0819	0.0000	0.328	0.356	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	1.043	1.043		0.356
↓	Grade		2066+05.00	HB45	1573.66	59.41	-2.000%	0.00	1574.85	0.00	-2.000%	0.00	1574.85	HB45	-0.0025	0.0887	0.0000	0.356	0.383	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.348	0.348	1.100	1.100		0.383
↓	Grade		2066+10.00	HB45	1573.65	59.41	-2.000%	0.00	1574.83	0.00	-2.000%	0.00	1574.83	HB45	-0.0027	0.0955	0.0000	0.383	0.410	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.355	0.355	1.155	1.155		0.410
↓	Grade		2066+15.00	HB45	1573.63	59.40	-2.000%	0.00	1574.82	0.00	-2.000%	0.00	1574.82	HB45	-0.0028	0.1023	0.0000	0.410	0.438	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.362	0.362	1.209	1.209		0.438
↓	Grade		2066+20.00	HB45	1573.62	59.40	-2.000%	0.00	1574.81	0.00	-2.000%	0.00	1574.81	HB45	-0.0030	0.1092	0.0000	0.438	0.465	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.368	0.368	1.262	1.262		0.465
↓	Grade		2066+25.00	HB45	1573.60	59.40	-2.000%	0.00	1574.79	0.00	-2.000%	0.00	1574.79	HB45	-0.0032	0.1160	0.0000	0.465	0.492	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.375	0.375	1.314	1.314		0.492
↓	Grade		2066+30.00	HB45	1573.58	59.39	-2.000%	0.00	1574.77	0.00	-2.000%	0.00	1574.77	HB45	-0.0034	0.1228	0.0000	0.492	0.520	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.381	0.381	1.365	1.365		0.520
↓	Grade		2066+35.00	HB45	1573.57	59.39	-2.000%	0.00	1574.75	0.00	-2.000%	0.00	1574.75	HB45	-0.0036	0.1296	0.0000	0.520	0.547	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	1.416	1.416		0.547
↓	Grade		2066+40.00	HB45	1573.55	59.38	-2.000%	0.00	1574.73	0.00	-2.000%	0.00	1574.73	HB45	-0.0038	0.1364	0.0000	0.547	0.574	**Left**	HB45	12.00	0.00	4.50	0.02	4.52	18.000	**OK**	0.392	0.392	1.465	1.465		0.574
↓	Grade		2066+45.00	HB45	1573.53	59.38	-2.000%	0.00	1574.71	0.00	-2.000%	0.00	1574.71	HB45	-0.0040	0.1432	0.0000	0.574	0.602	**Left**	HB45	12.00	0.00	4.50	0.08	4.58	18.000	**OK**	0.397	0.397	1.514	1.514		0.602
↓	Grade		2066+50.00	HB45	1573.51	59.37	-2.000%	0.00	1574.69	0.00	-2.000%	0.00	1574.69	HB45	-0.0042	0.1501	0.0000	0.602	0.629	**Left**	HB45	12.00	0.00	4.50	0.14	4.64	18.000	**OK**	0.403	0.403	1.562	1.561		0.629
↓	Grade		2066+55.00	HB45	1573.48	59.37	-2.000%	0.00	1574.67	0.00	-2.000%	0.00	1574.67	HB45	-0.0044	0.1569	0.0000	0.629	0.656	**Left**	HB45	12.00	0.00	4.50	0.20	4.70	18.000	**OK**	0.408	0.408	1.609	1.608		0.656
↓	Grade		2066+60.00	HB45	1573.46	59.36	-2.000%	0.00	1574.65	0.00	-2.000%	0.00	1574.65	HB45	-0.0046	0.1637	0.0000	0.656	0.684	**Left**	HB45	12.00	0.00	4.50	0.25	4.75	18.000	**OK**	0.413	0.413	1.656	1.654		0.684
↓	Grade		2066+65.00	HB45	1573.44	59.36	-2.000%	0.00	1574.62	0.00	-2.000%	0.00	1574.62	HB45	-0.0048	0.1705	0.0000	0.684	0.711	**Left**	HB45	12.00	0.00	4.50	0.31	4.81	18.000	**OK**	0.418	0.418	1.702	1.699		0.711
↓	Grade		2066+70.00	HB45	1573.41	59.35	-2.000%	0.00	1574.60	0.00	-2.000%	0.00	1574.60	HB45	-0.0050	0.1773	0.0000	0.711	0.738	**Left**	HB45	12.00	0.00	4.50	0.36	4.86	18.000	**OK**	0.422	0.423	1.748	1.743		0.738
↓	Grade		2066+75.00	HB45	1573.39	59.35	-2.000%	0.00	1574.57	0.00	-2.000%	0.00	1574.57	HB45	-0.0052	0.1841	0.0000	0.738	0.766	**Left**	HB45	12.00	0.00	4.50	0.41	4.91	18.000	**OK**	0.427	0.428	1.793	1.787		0.766
↓	Grade		2066+80.00	HB45	1573.36	59.34	-2.000%	0.00	1574.55	0.00	-2.000%	0.00	1574.55	HB45	-0.0054	0.1909	0.0000	0.766	0.793	**Left**	HB45	12.00	0.00	4.50	0.46	4.96	18.000	**OK**	0.431	0.433	1.838	1.830		0.793
↓	Grade		2066+85.00	HB45	1573.33	59.34	-2.000%	0.00	1574.52	0.00	-2.000%	0.00	1574.52	HB45	-0.0056	0.1978	0.0000	0.793	0.820	**Left**	HB45	12.00	0.00	4.50	0.51	5.01	18.000	**OK**	0.436	0.438	1.882	1.872		0.820
↓	Grade		2066+90.00	HB45	1573.30	59.33	-2.000%	0.00	1574.49	0.00	-2.000%	0.00	1574.49	HB45	-0.0058	0.2046	0.0000	0.820	0.847	**Left**	HB45	12.00	0.00	4.50	0.55	5.05	18.000	**OK**	0.440	0.443	1.925	1.914		0.847
↓	Grade		2066+95.00	HB45	1573.27	59.33	-2.000%	0.00	1574.46	0.00	-2.000%	0.00	1574.46	HB45	-0.0060	0.2114	0.0000	0.847	0.875	**Left**	HB45	12.00	0.00	4.50	0.60	5.10	18.000	**OK**	0.444	0.448	1.968	1.955		0.875
↓	Grade		2067+00.00	HB45	1573.24	59.32	-2.000%	0.00	1574.43	0.00	-2.000%	0.00	1574.43	HB45	-0.0062	0.2182	0.0000	0.875	0.902	**Left**	HB45	12.00	0.00	4.50	0.64	5.14	18.000	**OK**	0.448	0.452	2.011	1.995		0.902
↓	Grade		2067+05.00	HB45	1573.21	59.32	-2.000%	0.00	1574.40	0.00	-2.000%	0.00	1574.40	HB45	-0.0064	0.2250	0.0000	0.902	0.929	**Left**	HB45	12.00	0.00	4.50	0.69	5.19	18.000	**OK**	0.452	0.457	2.053	2.035		0.929
↓	Grade		2067+10.00	HB45	1573.18	59.31	-2.000%	0.00	1574.36	0.00	-2.000%	0.00	1574.36	HB45	-0.0066	0.2318	0.0000	0.929	0.957	**Left**	HB45	12.00	0.00	4.50	0.73	5.23	18.000	**OK**	0.456	0.461	2.095	2.075		0.957
↓	Grade		2067+15.00	HB45	1573.14	59.31	-2.000%	0.00	1574.33	0.00	-2.000%	0.00	1574.33	HB45	-0.0067	0.2386	0.0000	0.957	0.984	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.460	0.466	2.136	2.114		0.984
↓	Grade		2067+20.00	HB45	1573.11	59.30	-2.000%	0.00	1574.30	0.00	-2.000%	0.00	1574.30	HB45	-0.0069	0.2454	0.0000	0.984	1.011	**Left**	HB45	12.00	0.00	4.50	0.81	5.31	18.000	**OK**	0.463	0.470	2.177	2.152		1.011
↓	Grade		2067+25.00	HB45	1573.07	59.30	-2.000%	0.00	1574.26	0.00	-2.000%	0.00	1574.26	HB45	-0.0071	0.2522	0.0000	1.011	1.039	**Left**	HB45	12.00	0.00	4.50	0.85	5.35	18.000	**OK**	0.467	0.474	2.218	2.190		1.039
↓	Grade		2067+30.00	HB45	1573.04	59.29	-2.000%	0.00	1574.22	0.00	-2.000%	0.00	1574.22	HB45	-0.0073	0.2590	0.0000	1.039	1.066	**Left**	HB45	12.00	0.00	4.50	0.89	5.39	18.000	**OK**	0.470	0.478	2.258	2.228		1.066
↓	Grade		2067+35.00	HB45	1573.00	59.29	-2.000%	0.00	1574.19	0.00	-2.000%	0.00	1574.19	HB45	-0.0075	0.2658	0.0000	1.066	1.093	**Left**	HB45	12.00	0.00	4.50	0.93	5.43	18.000	**OK**	0.474	0.483	2.298	2.265		1.093
↓	Grade		2067+40.00	HB45	1572.96	59.28	-2.000%	0.00	1574.15	0.00	-2.000%	0.00	1574.15	HB45	-0.0077	0.2726	0.0000	1.093	1.120	**Left**	HB45	12.00	0.00	4.50	0.97	5.47	18.000	**OK**	0.477	0.487	2.338	2.302		1.120
↓	Grade		2067+45.00	HB45	1572.92	59.28	-2.000%	0.00	1574.11	0.00	-2.000%	0.00	1574.11	HB45	-0.0079	0.2794	0.0000	1.120	1.148	**Left**	HB45	12.00	0.00	4.50	1.01	5.51	18.000	**OK**	0.481	0.491	2.378	2.338		1.148
↓	Grade		2067+50.00	HB45	1572.88	59.27	-2.000%	0.00	1574.07	0.00	-2.000%	0.00	1574.07	HB45	-0.0081	0.2862	0.0000	1.148	1.175	**Left**	HB45	12.00	0.00	4.50	1.04	5.54	18.000	**OK**	0.484	0.495	2.417	2.374		1.175
↓	Grade		2067+55.00	HB45	1572.84	59.27	-2.000%	0.00	1574.03	0.00	-2.000%	0.00	1574.03	HB45	-0.0083	0.2930	0.0000	1.175	1.202	**Left**	HB45	12.00	0.00	4.50	1.08	5.58	18.000	**OK**	0.487	0.499	2.455	2.409		1.202
↓	Grade		2067+60.00	HB45	1572.80	59.26	-2.000%	0.00	1573.98	0.00	-2.000%	0.00	1573.98	HB45	-0.0085	0.2999	0.0000	1.202	1.229	**Left**	HB45	12.00	0.00	4.50	1.12	5.62	18.000	**OK**	0.490	0.503	2.494	2.445		1.229
↓	Grade		2067+65.00	HB45	1572.75	59.26	-2.000%	0.00	1573.94	0.00	-2.000%	0.00	1573.94	HB45	-0.0087	0.3067	0.0000	1.229	1.257	**Left**	HB45	12.00	0.00	4.50	1.15	5.65	18.000	**OK**	0.494	0.507	2.532	2.480		1.257
↓	Grade		2067+70.00	HB45	1572.71	59.25	-2.000%	0.00	1573.90	0.00	-2.000%	0.00	1573.90	HB45	-0.0089	0.3135	0.0000	1.257	1.284	**Left**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.497	0.511	2.570	2.514		1.284
↓	Grade		2067+75.00	HB45	1572.66	59.25	-2.000%	0.00	1573.85	0.00	-2.000%	0.00	1573.85	HB45	-0.0091	0.3203	0.0000	1.284	1.311	**Left**	HB45	12.00	0.00	4.50	1.22	5.72	18.000	**OK**	0.500	0.515	2.607	2.548		1.311
↓	Grade		2067+80.00	HB45	1572.62	59.24	-2.000%	0.00	1573.80	0.00	-2.000%	0.00	1573.80	HB45	-0.0093	0.3271	0.0000	1.311	1.339	**Left**	HB45	12.00	0.00	4.50	1.25	5.75	18.000	**OK**	0.503	0.518	2.645	2.582		1.339
↓	Grade		2067+85.00	HB45	1572.57	59.24	-2.000%	0.00	1573.76	0.00	-2.000%	0.00	1573.76	HB45	-0.0095	0.3339	0.0000	1.339	1.366	**Left**	HB45	12.00	0.00	4.50	1.28	5.78	18.000	**OK**	0.506	0.522	2.682	2.616		1.366
↓	Grade		2067+90.00	HB45	1572.52	59.24	-2.000%	0.00	1573.71	0.00	-2.000%	0.00	1573.71	HB45	-0.0097	0.3407	0.0000	1.366	1.393	**Left**	HB45	12.00	0.00	4.50	1.32	5.82	18.000	**OK**	0.509	0.526	2.719	2.649		1.393
↓	Grade		2067+95.00	HB45	1572.47	59.23	-2.000%	0.00	1573.66	0.00	-2.000%	0.00	1573.66	HB45	-0.0099	0.3475	0.0000	1.393	1.420	**Left**	HB45	12.00	0.00	4.50	1.35	5.85	18.000	**OK**	0.511	0.530	2.755	2.682		1.420
↓	Grade		2068+00.00	HB45	1572.42	59.23	-2.000%	0.00	1573.61	0.00	-2.000%	0.00	1573.61	HB45	-0.0101	0.3543	0.0000	1.420	1.448	**Left**	HB45	12.00	0.00	4.50	1.38	5.88	18.000	**OK**	0.514	0.533	2.792	2.715		1.448
↓	Grade		2068+05.00	HB45	1572.37	59.22	-2.000%	0.00	1573.56	0.00	-2.000%	0.00	1573.56	HB45	-0.0103	0.3611	0.0000	1.448	1.475	**Left**	HB45	12.00	0.00	4.50	1.41	5.91	18.000	**OK**	0.517	0.537	2.828	2.748		1.475
↓	Grade		2068+10.00	HB45	1572.32	59.22	-2.000%	0.00	1573.50	0.00	-2.000%	0.00	1573.50	HB45	-0.0105	0.3679	0.0000	1.475	1.502	**Left**	HB45	12.00	0.00	4.50	1.44	5.94	18.000	**OK**	0.520	0.540	2.864	2.780		1.502
↓	Grade		2068+15.00	HB45	1572.27	59.21	-2.000%	0.00	1573.45	0.00	-2.000%	0.00	1573.45	HB45	-0.0107	0.3746	0.0000	1.502	1.529	**Left**	HB45	12.00	0.00	4.50	1.47	5.97	18.000	**OK**	0.522	0.544	2.900	2.812		1.529
↓	Grade		2068+20.00	HB45	1572.21	59.21	-2.000%	0.00	1573.40	0.00	-2.000%	0.00	1573.40	HB45	-0.0108	0.3814	0.0000	1.529	1.557	**Left**	HB45	12.00	0.00	4.50	1.50	6.00	18.000	**OK**	0.525	0.547	2.935	2.843		1.557
↓	Grade		2068+25.00	HB45	1572.16	59.20	-2.000%	0.00	1573.34	0.00	-2.000%	0.00	1573.34	HB45	-0.0110	0.3882	0.0000	1.557	1.584	**Left**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.528	0.551	2.970	2.875		1.584
↓	Grade		2068+30.00	HB45	1572.10	59.20	-2.000%	0.00	1573.29	0.00	-2.000%	0.00	1573.29	HB45	-0.0112	0.3950	0.0000	1.584	1.611	**Left**	HB45	12.00	0.00	4.50	1.56	6.06	18.000	**OK**	0.530	0.554	3.005	2.906		1.611
↓	Grade		2068+35.00	HB45	1572.04	59.19	-2.000%	0.00	1573.23	0.00	-2.000%	0.00	1573.23	HB45	-0.0114	0.4018	0.0000	1.611	1.638	**Left**	HB45	12.00	0.00	4.50	1.58	6.08	18.000	**OK**	0.533	0.558	3.040	2.937		1.638
↓	Grade		2068+40.00	HB45	1571.99	59.19	-2.000%	0.00	1573.17	0.00	-2.000%	0.00	1573.17	HB45	-0.0116	0.4086	0.0000	1.638	1.666	**Left**	HB45	12.00	0.00	4.50	1.61	6.11	18.000	**OK**	0.535	0.561	3.075	2.968		1.666
↓	Grade		2068+45.00	HB45	1571.93	59.18	-2.000%	0.00	1573.11	0.00	-2.000%	0.00	1573.11	HB45	-0.0118	0.4154	0.0000	1.666	1.693	**Left**	HB45	12.00	0.00	4.50	1.64	6.14	18.000	**OK**	0.538	0.565	3.109	2.998		1.693
↓	Grade		2068+50.00	HB45	1571.87	59.18	-2.000%	0.00	1573.05	0.00	-2.000%	0.00	1573.05	HB45	-0.0120	0.4222	0.0000	1.693	1.720	**Left**	HB45	12.00	0.00	4.50	1.67	6.17	18.000	**OK**	0.540	0.568	3.144	3.029		1.720
↓	Grade		2068+55.00	HB45	1571.81	59.17	-2.000%	0.00	1572.99	0.00	-2.000%	0.00	1572.99	HB45	-0.0122	0.4290	0.0000	1.720	1.747	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.542	0.571	3.178	3.059		1.747
↓	Grade		2068+60.00	HB45	1571.74	59.17	-2.000%	0.00	1572.93	0.00	-2.000%	0.00	1572.93	HB45	-0.0124	0.4358	0.0000	1.747	1.774	**Left**	HB45	12.00	0.00	4.50	1.72	6.22	18.000	**OK**	0.545	0.574	3.212	3.089		1.774
↓	Grade		2068+65.00	HB45	1571.68	59.16	-2.000%	0.00	1572.86	0.00	-2.000%	0.00	1572.86	HB45	-0.0126	0.4426	0.0000	1.774	1.802	**Left**	HB45	12.00	0.00	4.50	1.75	6.25	18.000	**OK**	0.547	0.578	3.246	3.119		1.802

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade		2068+70.00	HB45	1571.62	59.16	-2.000%	0.00	1572.80	0.00	-2.000%	0.00	1572.80	HB45	-0.0128	0.4494	0.0000	1.802	1.829	**Left**	HB45	12.00	0.00	4.50	1.77	6.27	18.000	**OK**	0.550	0.581	3.279	3.148		1.829
↓	Grade		2068+75.00	HB45	1571.55	59.15	-2.000%	0.00	1572.74	0.00	-2.000%	0.00	1572.74	HB45	-0.0130	0.4562	0.0000	1.829	1.856	**Left**	HB45	12.00	0.00	4.50	1.80	6.30	18.000	**OK**	0.552	0.584	3.313	3.177		1.856
↓	Grade		2068+80.00	HB45	1571.49	59.15	-2.000%	0.00	1572.67	0.00	-2.000%	0.00	1572.67	HB45	-0.0132	0.4630	0.0000	1.856	1.883	**Left**	HB45	12.00	0.00	4.50	1.82	6.32	18.000	**OK**	0.554	0.587	3.346	3.206		1.883
↓	Grade		2068+85.00	HB45	1571.42	59.14	-2.000%	0.00	1572.60	0.00	-2.000%	0.00	1572.60	HB45	-0.0134	0.4697	0.0000	1.883	1.911	**Left**	HB45	12.00	0.00	4.50	1.85	6.35	18.000	**OK**	0.556	0.591	3.379	3.235		1.911
↓	Grade		2068+90.00	HB45	1571.35	59.14	-2.000%	0.00	1572.54	0.00	-2.000%	0.00	1572.54	HB45	-0.0136	0.4765	0.0000	1.911	1.938	**Left**	HB45	12.00	0.00	4.50	1.87	6.37	18.000	**OK**	0.559	0.594	3.412	3.264		1.938
↓	Grade		2068+95.00	HB45	1571.28	59.13	-2.000%	0.00	1572.47	0.00	-2.000%	0.00	1572.47	HB45	-0.0138	0.4833	0.0000	1.938	1.965	**Left**	HB45	12.00	0.00	4.50	1.90	6.40	18.000	**OK**	0.561	0.597	3.445	3.293		1.965
↓	Grade		2069+00.00	HB45	1571.21	59.13	-2.000%	0.00	1572.40	0.00	-2.000%	0.00	1572.40	HB45	-0.0140	0.4901	0.0000	1.965	1.992	**Left**	HB45	12.00	0.00	4.50	1.92	6.42	18.000	**OK**	0.563	0.600	3.477	3.321		1.992
↓	Grade		2069+05.00	HB45	1571.15	58.60	-2.000%	0.00	1572.33	0.00	-2.000%	0.00	1572.33	HB45	-0.0142	0.4969	0.0000	1.992	2.019	**Left**	HB45	12.00	0.00	4.50	1.94	6.44	18.000	**OK**	0.565	0.603	3.510	3.349		2.019
↓	Grade		2069+10.00	HB45	1571.09	58.08	-2.000%	0.00	1572.25	0.00	-2.000%	0.00	1572.25	HB45	-0.0144	0.5036	0.0000	2.019	2.046	**Left**	HB45	12.00	0.00	4.50	1.97	6.47	18.000	**OK**	0.567	0.606	3.542	3.377		2.046
↓	Grade		2069+15.00	HB45	1571.03	57.55	-2.000%	0.00	1572.18	0.00	-2.000%	0.00	1572.18	HB45	-0.0146	0.5102	0.0000	2.046	2.073	**Left**	HB45	12.00	0.00	4.50	1.99	6.49	18.000	**OK**	0.569	0.609	3.573	3.405		2.073
↓	Grade		2069+20.00	HB45	1570.97	57.02	-2.000%	0.00	1572.11	0.00	-2.000%	0.00	1572.11	HB45	-0.0147	0.5168	0.0000	2.073	2.099	**Left**	HB45	12.00	0.00	4.50	2.01	6.51	18.000	**OK**	0.571	0.612	3.605	3.432		2.099
↓	Grade		2069+25.00	HB45	1570.90	56.50	-2.000%	0.00	1572.03	0.00	-2.000%	0.00	1572.03	HB45	-0.0149	0.5233	0.0000	2.099	2.125	**Left**	HB45	12.00	0.00	4.50	2.03	6.53	18.000	**OK**	0.573	0.614	3.636	3.460		2.125
↓	Grade		2069+30.00	HB45	1570.84	55.97	-2.000%	0.00	1571.96	0.00	-2.000%	0.00	1571.96	HB45	-0.0151	0.5297	0.0000	2.125	2.151	**Left**	HB45	12.00	0.00	4.50	2.05	6.55	18.000	**OK**	0.575	0.617	3.667	3.487		2.151
↓	Grade		2069+35.00	HB45	1570.77	55.44	-2.000%	0.00	1571.88	0.00	-2.000%	0.00	1571.88	HB45	-0.0153	0.5361	0.0000	2.151	2.177	**Left**	HB45	12.00	0.00	4.50	2.07	6.57	18.000	**OK**	0.577	0.620	3.698	3.513		2.177
↓	Grade		2069+40.00	HB45	1570.70	54.92	-2.000%	0.00	1571.80	0.00	-2.000%	0.00	1571.80	HB45	-0.0155	0.5425	0.0000	2.177	2.202	**Left**	HB45	12.00	0.00	4.50	2.09	6.59	18.000	**OK**	0.578	0.622	3.728	3.540		2.202
↓	Grade		2069+45.00	HB45	1570.64	54.39	-2.000%	0.00	1571.72	0.00	-2.000%	0.00	1571.72	HB45	-0.0157	0.5487	0.0000	2.202	2.227	**Left**	HB45	12.00	0.00	4.50	2.11	6.61	18.000	**OK**	0.580	0.625	3.758	3.566		2.227
↓	Grade		2069+50.00	HB45	1570.57	53.87	-2.000%	0.00	1571.64	0.00	-2.000%	0.00	1571.64	HB45	-0.0159	0.5550	0.0000	2.227	2.252	**Left**	HB45	12.00	0.00	4.50	2.13	6.63	18.000	**OK**	0.582	0.627	3.788	3.592		2.252
↓	Grade		2069+55.00	HB45	1570.50	53.34	-2.000%	0.00	1571.56	0.00	-2.000%	0.00	1571.56	HB45	-0.0161	0.5611	0.0000	2.252	2.277	**Left**	HB45	12.00	0.00	4.50	2.15	6.65	18.000	**OK**	0.583	0.629	3.818	3.618		2.277
↓	Grade		2069+60.00	HB45	1570.43	52.81	-2.000%	0.00	1571.48	0.00	-2.000%	0.00	1571.48	HB45	-0.0163	0.5672	0.0000	2.277	2.301	**Left**	HB45	12.00	0.00	4.50	2.16	6.66	18.000	**OK**	0.585	0.632	3.847	3.644		2.301
↓	Grade		2069+65.00	HB45	1570.36	52.29	-2.000%	0.00	1571.41	0.00	-2.000%	0.00	1571.41	HB45	-0.0145	0.5732	0.0000	2.301	2.325	**Left**	HB45	12.00	0.00	4.50	2.42	6.92	18.000	**OK**	0.608	0.667	3.717	3.489		2.325
↓	Grade		2069+70.00	HB45	1570.36	51.76	-2.000%	0.00	1571.40	0.00	-2.000%	0.00	1571.40	HB45	-0.0020	0.5792	0.0000	2.325	2.349	**Left**	HB45	12.00	0.00	4.50	6.94	11.44	18.000	**OK**	1.015	1.496	1.917	1.570		2.349
↓	Grade		2069+75.00	HB45	1570.31	51.23	-2.000%	0.00	1571.33	0.00	-2.000%	0.00	1571.33	HB45	-0.0140	0.5851	0.0000	2.349	2.373	**Left**	HB45	12.00	0.00	4.50	2.57	7.07	18.000	**OK**	0.621	0.687	3.701	3.456		2.373
↓	Grade		2069+80.00	HB45	1570.23	50.71	-2.000%	0.00	1571.24	0.00	-2.000%	0.00	1571.24	HB45	-0.0180	0.5910	0.0000	2.373	2.397	**Left**	HB45	12.00	0.00	4.50	2.13	6.63	18.000	**OK**	0.582	0.627	4.029	3.820		2.397
↓	Grade		2069+85.00	HB45	1570.16	50.18	-2.000%	0.00	1571.16	0.00	-2.000%	0.00	1571.16	HB45	-0.0160	0.5968	0.0000	2.397	2.420	**Left**	HB45	12.00	0.00	4.50	2.39	6.89	18.000	**OK**	0.605	0.662	3.892	3.657		2.420
↓	Grade		2069+90.00	HB45	1570.09	49.66	-2.000%	0.00	1571.08	0.00	-2.000%	0.00	1571.08	HB45	-0.0160	0.6025	0.0000	2.420	2.443	**Left**	HB45	12.00	0.00	4.50	2.42	6.92	18.000	**OK**	0.608	0.667	3.904	3.664		2.443
↓	Grade		2069+95.00	HB45	1570.01	49.13	-2.000%	0.00	1570.99	0.00	-2.000%	0.00	1570.99	HB45	-0.0180	0.6082	0.0000	2.443	2.465	**Left**	HB45	12.00	0.00	4.50	2.24	6.74	18.000	**OK**	0.591	0.641	4.070	3.845		2.465
↓	Grade		2070+00.00	HB45	1569.94	48.60	-2.000%	0.00	1570.91	0.00	-2.000%	0.00	1570.91	HB45	-0.0160	0.6138	0.0000	2.465	2.488	**Left**	HB45	12.00	0.00	4.50	2.49	6.99	18.000	**OK**	0.614	0.676	3.930	3.679		2.488
↓	Grade		2070+05.00	HB45	1569.87	48.08	-2.000%	0.00	1570.83	0.00	-2.000%	0.00	1570.83	HB45	-0.0160	0.6193	0.0000	2.488	2.510	**Left**	HB45	12.00	0.00	4.50	2.52	7.02	18.000	**OK**	0.617	0.681	3.942	3.686		2.510
↓	Grade		2070+10.00	HB45	1569.79	47.55	-2.000%	0.00	1570.74	0.00	-2.000%	0.00	1570.74	HB45	-0.0180	0.6248	0.0000	2.510	2.532	**Left**	HB45	12.00	0.00	4.50	2.34	6.84	18.000	**OK**	0.600	0.655	4.108	3.867		2.532
↓	Grade		2070+15.00	HB45	1569.72	47.02	-2.000%	0.00	1570.66	0.00	-2.000%	0.00	1570.66	HB45	-0.0160	0.6302	0.0000	2.532	2.554	**Left**	HB45	12.00	0.00	4.50	2.59	7.09	18.000	**OK**	0.623	0.690	3.966	3.700		2.554
↓	Grade		2070+20.00	HB45	1569.65	46.50	-2.000%	0.00	1570.58	0.00	-2.000%	0.00	1570.58	HB45	-0.0160	0.6356	0.0000	2.554	2.575	**Left**	HB45	12.00	0.00	4.50	2.62	7.12	18.000	**OK**	0.626	0.695	3.977	3.706		2.575
↓	Grade		2070+25.00	HB45	1569.58	45.97	-2.000%	0.00	1570.50	0.00	-2.000%	0.00	1570.50	HB45	-0.0160	0.6409	0.0000	2.575	2.597	**Left**	HB45	12.00	0.00	4.50	2.65	7.15	18.000	**OK**	0.629	0.699	3.988	3.713		2.597
↓	Grade		2070+30.00	HB45	1569.50	45.45	-2.000%	0.00	1570.41	0.00	-2.000%	0.00	1570.41	HB45	-0.0180	0.6462	0.0000	2.597	2.618	**Left**	HB45	12.00	0.00	4.50	2.46	6.96	18.000	**OK**	0.611	0.672	4.156	3.895		2.618
↓	Grade		2070+35.00	HB45	1569.43	44.92	-2.000%	0.00	1570.33	0.00	-2.000%	0.00	1570.33	HB45	-0.0160	0.6513	0.0000	2.618	2.639	**Left**	HB45	12.00	0.00	4.50	2.72	7.22	18.000	**OK**	0.635	0.708	4.011	3.725		2.639
↓	Grade		2070+40.00	HB45	1569.36	44.39	-2.000%	0.00	1570.25	0.00	-2.000%	0.00	1570.25	HB45	-0.0160	0.6565	0.0000	2.639	2.659	**Left**	HB45	12.00	0.00	4.50	2.75	7.25	18.000	**OK**	0.637	0.713	4.021	3.731		2.659
↓	Grade		2070+45.00	HB45	1569.28	43.87	-2.000%	0.00	1570.16	0.00	-2.000%	0.00	1570.16	HB45	-0.0180	0.6615	0.0000	2.659	2.679	**Left**	HB45	12.00	0.00	4.50	2.55	7.05	18.000	**OK**	0.619	0.684	4.190	3.915		2.679
↓	Grade		2070+50.00	HB45	1569.21	43.34	-2.000%	0.00	1570.08	0.00	-2.000%	0.00	1570.08	HB45	-0.0160	0.6665	0.0000	2.679	2.700	**Left**	HB45	12.00	0.00	4.50	2.81	7.31	18.000	**OK**	0.643	0.721	4.042	3.743		2.700
↓	Grade		2070+55.00	HB45	1568.38	81.07	-2.000%	0.00	1570.00	0.00	-2.000%	0.00	1570.00	HB45	-0.0160	0.6737	0.0000	2.700	2.728	**Left**	HB45	12.00	0.00	4.50	2.85	7.35	18.000	**OK**	0.646	0.727	4.057	3.751		2.728
↓	Grade		2070+60.00	HB45	1568.29	81.03	-2.000%	0.00	1569.91	0.00	-2.000%	0.00	1569.91	HB45	-0.0180	0.6830	0.0000	2.728	2.765	**Left**	HB45	12.00	0.00	4.50	2.67	7.17	18.000	**OK**	0.630	0.702	4.236	3.941		2.765
↓	Grade		2070+65.00	HB45	1568.21	80.99	-2.000%	0.00	1569.83	0.00	-2.000%	0.00	1569.83	HB45	-0.0160	0.6923	0.0000	2.765	2.803	**Left**	HB45	12.00	0.00	4.50	2.95	7.45	18.000	**OK**	0.656	0.743	4.095	3.772		2.803
↓	Grade		2070+70.00	HB45	1568.13	80.96	-2.000%	0.00	1569.75	0.00	-2.000%	0.00	1569.75	HB45	-0.0160	0.7016	0.0000	2.803	2.840	**Left**	HB45	12.00	0.00	4.50	3.01	7.51	18.000	**OK**	0.661	0.751	4.114	3.782		2.840
↓	Grade		2070+75.00	HB45	1568.05	80.92	-2.000%	0.00	1569.67	0.00	-2.000%	0.00	1569.67	HB45	-0.0160	0.7109	0.0000	2.840	2.877	**Left**	HB45	12.00	0.00	4.50	3.06	7.56	18.000	**OK**	0.665	0.759	4.132	3.792		2.877
↓	Grade		2070+80.00	HB45	1567.96	80.88	-2.000%	0.00	1569.58	0.00	-2.000%	0.00	1569.58	HB45	-0.0180	0.7201	0.0000	2.877	2.914	**Left**	HB45	12.00	0.00	4.50	2.88	7.38	18.000	**OK**	0.649	0.731	4.314	3.985		2.914
↓	Grade		2070+85.00	HB45	1567.88	80.84	-2.000%	0.00	1569.50	0.00	-2.000%	0.00	1569.50	HB45	-0.0160	0.7294	0.0000	2.914	2.952	**Left**	HB45	12.00	0.00	4.50	3.16	7.66	18.000	**OK**	0.674	0.774	4.168	3.812		2.952
↓	Grade		2070+90.00	HB45	1567.80	80.80	-2.000%	0.00	1569.42	0.00	-2.000%	0.00	1569.42	HB45	-0.0160	0.7387	0.0000	2.952	2.989	**Left**	HB45	12.00	0.00	4.50	3.21	7.71	18.000	**OK**	0.679	0.782	4.186	3.821		2.989
↓	Grade		2070+95.00	HB45	1567.71	80.76	-2.000%	0.00	1569.33	0.00	-2.000%	0.00	1569.33	HB45	-0.0180	0.7480	0.0000	2.989	3.026	**Left**	HB45	12.00	0.00	4.50	3.02	7.52	18.000	**OK**	0.662	0.754	4.370	4.015		3.026
↓	Grade		2071+00.00	HB45	1567.64	80.73	-2.000%	0.00	1569.25	0.00	-2.000%	0.00	1569.25	HB45	-0.0160	0.7572	0.0000	3.026	3.063	**Left**	HB45	12.00	0.00	4.50	3.31	7.81	18.000	**OK**	0.688	0.798	4.221	3.840		3.063
↓	Grade		2071+05.00	HB45	1567.56	80.69	-2.000%	0.00	1569.17	0.00	-2.000%	0.00	1569.17	HB45	-0.0160	0.7665	0.0000	3.063	3.100	**Left**	HB45	12.00	0.00	4.50	3.36	7.86	18.000	**OK**	0.692	0.805	4.239	3.849		3.100
↓	Grade		2071+10.00	HB45	1567.47	80.65	-2.000%	0.00	1569.08	0.00	-2.000%	0.00	1569.08	HB45	-0.0180	0.7758	0.0000	3.100	3.137	**Left**	HB45	12.00	0.00	4.50	3.17	7.67	18.000	**OK**	0.675	0.776	4.424	4.045		3.137
↓	Grade		2071+15.00	HB45	1567.39	80.61	-2.000%	0.00	1569.00	0.00	-2.000%	0.00	1569.00	HB45	-0.0160	0.7850	0.0000	3.137	3.175	**Left**	HB45	12.00	0.00	4.50	3.46	7.96	18.000	**OK**	0.701	0.821	4.273	3.868		3.175
↓	Grade		2071+20.00	HB45	1567.31	80.57	-2.000%	0.00	1568.92	0.00	-2.000%	0.00	1568.92	HB45	-0.0160	0.7943	0.0000	3.175	3.212	**Left**	HB45	12.00	0.00	4.50	3.51	8.01	18.000	**OK**	0.706	0.829	4.289	3.876		3.212
↓	Grade		2071+25.00	HB45	1567.23	80.54	-2.000%	0.00	1568.84	0.00	-2.000%	0.00	1568.84	HB45	-0.0160	0.8035	0.0000	3.212	3.249	**Left**	HB45	12.00	0.00	4.50	3.55	8.05	18.000	**OK**	0.710	0.836	4.306	3.885		3.249
↓	Grade		2071+30.00	HB45	1567.15	80.50	-2.000%	0.00	1568.76	0.00	-2.000%	0.00	1568.76	HB45	-0.0160	0.8128	0.0000	3.249	3.286	**Left**	HB45	12.00	0.00	4.50	3.60	8.10	18.000	**OK**	0.714	0.844	4.323	3.894		3.286
↓	Grade		2071+35.00	HB45	1567.07	80.46	-2.000%	0.00	1568.68	0.00	-2.000%	0.00	1568.68	HB45	-0.0160	0.8220	0.0000	3.286	3.323	**Left**	HB45	12.00	0.00	4.50	3.65	8.15	18.000	**OK**	0.718	0.851	4.339	3.902		3.323
↓	Grade		2071+40.00	HB45	1566.99	80.42	-2.000%	0.00	1568.60	0.00	-2.000%	0.00	1568.60	HB45	-0.0160	0.8312	0.0000	3.323	3.360	**Left**	HB45	12.00	0.00	4.50	3.70	8.20	18.000	**OK**	0.723	0.859	4.355	3.911		3.360
↓	Grade		2071+45.00	HB45	1566.91	80.38	-2.000%	0.00	1568.52	0.00	-2.000%	0.00	1568.52	HB45	-0.0160	0.8405	0.0000	3.360	3.397	**Left**	HB45	12.00	0.00	4.50	3.74	8.24	18.000	**OK**	0.727	0.867	4.371	3.919		3.397
↓	Grade		2071+50.00	HB45	1566.83	80.34	-2.000%	0.00	1568.44	0.00	-2.000%	0.00	1568.44	HB45	-0.0160	0.8497	0.0000	3.397	3.434	**Left**	HB45	12.00	0.00	4.50	3.79	8.29	18.000	**OK**	0.731	0.874	4.387	3.927		3.434
↓	Grade		2071+55.00	HB45	1566.76	80.31	-2.000%	0.00	1568.37	0.00	-2.000%	0.00	1568.37	HB45	-0.0140	0.8589	0.0000	3.434	3.471	**Left**	HB45	12.00	0.00	4.50	4.12	8.62	18.000	**OK**	0.761	0.931	4.211	3.729		3.471
↓	Grade		2071+60.00	HB45	1566.68	80.27	-2.000%	0.00	1568.29	0.00	-2.000%	0.00	1568.29	HB45	-0.0160	0.8681	0.0000	3.471	3.508	**Left**	HB45	12.00	0.00	4.50	3.88	8.38	18.000	**OK**	0.739	0.889	4.418	3.943		3.508
↓	Grade		2071+65.00	HB45	1566.61	80.23	-2.000%	0.00	1568.21	0.00	-2.000%	0.00	1568.21	HB45	-0.0160	0.8773	0.0000	3.508	3.545	**Left**	HB45	12.00	0.00	4.50	3.92	8.42	18.000	**OK**	0.743	0.897	4.434	3.951		3.545
↓	Grade		2071+70.00	HB45	1566.54	80.19	-2.000%	0.00	1568.14	0.00	-2.000%	0.00	1568.14	HB45	-0.0140	0.8865	0.0000	3.545	3.582	**Left**	HB45	12.00	0.00	4.50	4.26	8.76	18.000	**OK**	0.773	0.955	4.255	3.751		3.582
↓	Grade		2071+75.00	HB45	1566.46	80.15	-2.000%	0.00	1568.06	0.00	-2.000%	0.00	1568.06	HB45	-0.0160	0.8957	0.0000	3.582	3.618	**Left**	HB45	12.00	0.00	4.50	4.01	8.51	18.000	**OK**	0.751	0.912	4.464	3.967		3.618
↓	Grade		2071+80.00	HB45	1566.39	80.12	-2.000%	0.00	1567.99	0.00	-2.000%	0.00	1567.99	HB45	-0.0140	0.9049	0.0000	3.618	3.655	**Left**	HB45	12.00	0.00	4.50	4.35	8.85	18.000	**OK**	0.782	0.971	4.283	3.765		3.655
↓	Grade		2071+85.00	HB45	1566.32	80.08	-2.000%	0.00	1567.92	0.00	-2.000%	0.00	1567.92	HB45	-0.0140	0.9141	0.0000	3.655	3.692	**Left**	HB45	12.00	0.00	4.50	4.39	8.89	18.000	**OK**	0.786	0.979	4.298	3.773		3.692
↓	Grade		2071+90.00	HB45	1566.25	80.04	-2.000%	0.00	1567.85	0.00	-2.000%	0.00	1567.85	HB45	-0.0140	0.9233	0.0000	3.692	3.729	**Left**	HB45	12.00	0.00	4.50	4.44	8.94	18.000	**OK**	0.790	0.987	4.312	3.780		3.729
↓	Grade		2071+95.00	HB45	1566.18	80.00	-2.000%	0.00	1567.78	0.00	-2.000%	0.00	1567.78	HB45	-0.0140	0.9325	0.0000	3.729	3.766	**Left**	HB45	12.00	0.00	4.50	4.48	8.98	18.000	**OK**	0.794	0.994	4.325	3.787		3.766
↓	Grade		2072+00.00	HB45	1566.10	79.96	-2.000%	0.00	1567.70	0.00	-2.000%	0.00	1567.70	HB45	-0.0160	0.9417	0.0000	3.766	3.803	**Left**	HB45	12.00	0.00	4.50	4.23	8.73	18.000	**OK**	0.771	0.950	4.538	4.005		3.803
↓	Grade		2072+05.00	HB45	1566.03	79.93	-2.000%	0.00	1567.63	0.00	-2.000%	0.00	1567.63	HB45	-0.0140	0.9509	0.0000	3.803	3.839	**Left**	HB45	12.00	0.00	4.50	4.57	9.07	18.000	**OK**	0.801	1.010	4.353	3.800		3.839
↓	Grade		2072+10.00	HB45	1565.97	79.89	-2.000%	0.00	1567.57	0.00	-2.000%	0.00	1567.57	HB45	-0.0120	0.9600	0.0000	3.839	3.876	**Left**	HB45	12.00	0.00	4.50	4.97	9.47	18.000	**OK**	0.837	1.084	4.145	3.576		3.876
↓	Grade		2072+15.00	HB45	1565.90	79.85	-2.000%	0.00	1567.50	0.00	-2.000%	0.00	1567.50	HB45	-0.0140	0.9692	0.0000	3.876	3.913	**Left**	HB45	12.00	0.00	4.50	4.66	9.16	18.000	**OK**	0.809	1.026	4.380	3.814		3.913
↓	Grade		2072+20.00	HB45	1565.83	79.81	-2.000%	0.00	1567.43	0.00	-2.000%	0.00	1567.43	HB45	-0.0140	0.9784	0.0000	3.913	3.950	**Left**	HB45	12.00	0.00	4.50	4.70	9.20	18.000	**OK**	0.813	1.034	4.393	3.821		3.950
↓	Grade		2072+25.00	HB45	1565.76	79.77	-2.000%	0.00	1567.36	0.00	-2.000%	0.00	1567.36	HB45	-0.0140	0.9875	0.0000	3.950	3.986	**Left**	HB45	12.00	0.00	4.50	4.74	9.24	18.000	**OK**	0.817	1.042	4.407	3.827		3.986
↓	Grade		2072+30.00	HB45	1565.71	79.73	-2.000%	0.00	1567.30	0.00	-2.000%	0.00	1567.30	HB45	-0.0120	0.9967	0.0000	3.986	4.023	**Left**	HB45	12.00	0.00	4.50	5.14	9.64	18.000	**OK**	0.853	1.117	4.195	3.601		4.023
↓	Grade		2072+35.00	HB45	1565.64	79.70	-2.000%	0.00	1567.23	0.00	-2.000%	0.00	1567.23	HB45	-0.0140	1.0058	0.0000	4.023	4.060	**Left**	HB45	12.00	0.00	4.50	4.83	9.33	18.000	**OK**	0.824	1.057	4.433	3.840		4.060

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade		2072+40.00	HB45	1565.57	79.66	-2.000%	0.00	1567.16	0.00	-2.000%	0.00	1567.16	HB45	-0.0140	1.0150	0.0000	4.060	4.096	**Left**	HB45	12.00	0.00	4.50	4.87	9.37	18.000	**OK**	0.828	1.065	4.446	3.847		4.096
↓	Grade		2072+45.00	HB45	1565.51	79.62	-2.000%	0.00	1567.10	0.00	-2.000%	0.00	1567.10	HB45	-0.0120	1.0241	0.0000	4.096	4.133	**Left**	HB45	12.00	0.00	4.50	5.27	9.77	18.000	**OK**	0.864	1.142	4.232	3.619		4.133
↓	Grade	**3**	2072+50.00	HB45	1565.45	79.58	-2.000%	0.00	1567.04	0.00	-2.000%	0.00	1567.04	HB45	-0.0120	1.0333	0.0000	4.133	4.170	**Left**	HB45	12.00	0.00	4.50	5.31	9.81	18.000	**OK**	0.868	1.150	4.244	3.625	3	4.170
↓	Grade		2072+55.00	HB45	1565.38	79.54	-2.000%	0.00	1566.97	0.00	-2.000%	0.00	1566.97	HB45	-0.0140	1.0424	0.0000	0.627	0.663	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.282	0.282	2.352	2.352		0.663
↓	Grade		2072+60.00	HB45	1565.32	79.51	-2.000%	0.00	1566.91	0.00	-2.000%	0.00	1566.91	HB45	-0.0120	1.0515	0.0000	0.663	0.700	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.308	0.308	2.275	2.275		0.700
↓	Grade		2072+65.00	HB45	1565.26	79.47	-2.000%	0.00	1566.85	0.00	-2.000%	0.00	1566.85	HB45	-0.0120	1.0606	0.0000	0.700	0.737	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.318	0.318	2.315	2.315		0.737
↓	Grade		2072+70.00	HB45	1565.20	79.43	-2.000%	0.00	1566.79	0.00	-2.000%	0.00	1566.79	HB45	-0.0120	1.0698	0.0000	0.737	0.773	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.328	0.328	2.354	2.354		0.773
↓	Grade		2072+75.00	HB45	1565.14	79.39	-2.000%	0.00	1566.73	0.00	-2.000%	0.00	1566.73	HB45	-0.0120	1.0789	0.0000	0.773	0.810	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.338	0.338	2.392	2.392		0.810
↓	Grade		2072+80.00	HB45	1565.08	79.35	-2.000%	0.00	1566.67	0.00	-2.000%	0.00	1566.67	HB45	-0.0120	1.0880	0.0000	0.810	0.846	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.348	0.348	2.430	2.430		0.846
↓	Grade		2072+85.00	HB45	1565.02	79.31	-2.000%	0.00	1566.61	0.00	-2.000%	0.00	1566.61	HB45	-0.0120	1.0971	0.0000	0.846	0.883	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.358	0.358	2.466	2.466		0.883
↓	Grade		2072+90.00	HB45	1564.96	79.28	-2.000%	0.00	1566.55	0.00	-2.000%	0.00	1566.55	HB45	-0.0120	1.1062	0.0000	0.883	0.919	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.367	0.367	2.502	2.502		0.919
↓	Grade		2072+95.00	HB45	1564.92	79.24	-2.000%	0.00	1566.50	0.00	-2.000%	0.00	1566.50	HB45	-0.0100	1.1153	0.0000	0.919	0.956	**Left**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.399	0.399	2.394	2.394		0.956
↓	Grade		2073+00.00	HB45	1564.86	79.20	-2.000%	0.00	1566.44	0.00	-2.000%	0.00	1566.44	HB45	-0.0120	1.1244	0.0000	0.956	0.992	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	2.572	2.572		0.992
↓	Grade		2073+05.00	HB45	1564.80	79.16	-2.000%	0.00	1566.38	0.00	-2.000%	0.00	1566.38	HB45	-0.0120	1.1335	0.0000	0.992	1.029	**Left**	HB45	12.00	0.00	4.50	0.05	4.55	18.000	**OK**	0.395	0.395	2.606	2.606		1.029
↓	Grade		2073+10.00	HB45	1564.75	79.13	-2.000%	0.00	1566.33	0.00	-2.000%	0.00	1566.33	HB45	-0.0100	1.1426	0.0000	1.029	1.065	**Left**	HB45	12.00	0.00	4.50	0.41	4.91	18.000	**OK**	0.427	0.429	2.491	2.482		1.065
↓	Grade		2073+15.00	HB45	1564.69	79.09	-2.000%	0.00	1566.27	0.00	-2.000%	0.00	1566.27	HB45	-0.0120	1.1516	0.0000	1.065	1.101	**Left**	HB45	12.00	0.00	4.50	0.25	4.75	18.000	**OK**	0.412	0.413	2.672	2.668		1.101
↓	Grade		2073+20.00	HB45	1564.64	79.05	-2.000%	0.00	1566.22	0.00	-2.000%	0.00	1566.22	HB45	-0.0100	1.1607	0.0000	1.101	1.138	**Left**	HB45	12.00	0.00	4.50	0.61	5.11	18.000	**OK**	0.445	0.449	2.552	2.534		1.138
↓	Grade		2073+25.00	HB45	1564.59	79.02	-2.000%	0.00	1566.17	0.00	-2.000%	0.00	1566.17	HB45	-0.0100	1.1698	0.0000	1.138	1.174	**Left**	HB45	12.00	0.00	4.50	0.71	5.21	18.000	**OK**	0.454	0.459	2.582	2.558		1.174
↓	Grade		2073+30.00	HB45	1564.54	78.98	-2.000%	0.00	1566.12	0.00	-2.000%	0.00	1566.12	HB45	-0.0100	1.1789	0.0000	1.174	1.211	**Left**	HB45	12.00	0.00	4.50	0.81	5.31	18.000	**OK**	0.463	0.469	2.611	2.581		1.211
↓	Grade		2073+35.00	HB45	1564.48	78.95	-2.000%	0.00	1566.06	0.00	-2.000%	0.00	1566.06	HB45	-0.0120	1.1879	0.0000	1.211	1.247	**Left**	HB45	12.00	0.00	4.50	0.62	5.12	18.000	**OK**	0.445	0.449	2.796	2.776		1.247
↓	Grade		2073+40.00	HB45	1564.43	78.91	-2.000%	0.00	1566.01	0.00	-2.000%	0.00	1566.01	HB45	-0.0100	1.1970	0.0000	1.247	1.283	**Left**	HB45	12.00	0.00	4.50	0.99	5.49	18.000	**OK**	0.479	0.489	2.667	2.623		1.283
↓	Grade		2073+45.00	HB45	1564.38	78.87	-2.000%	0.00	1565.96	0.00	-2.000%	0.00	1565.96	HB45	-0.0100	1.2060	0.0000	1.283	1.320	**Left**	HB45	12.00	0.00	4.50	1.08	5.58	18.000	**OK**	0.487	0.499	2.694	2.643		1.320
↓	Grade		2073+50.00	HB45	1564.33	78.84	-2.000%	0.00	1565.91	0.00	-2.000%	0.00	1565.91	HB45	-0.0100	1.2151	0.0000	1.320	1.356	**Left**	HB45	12.00	0.00	4.50	1.17	5.67	18.000	**OK**	0.495	0.509	2.721	2.663		1.356
↓	Grade		2073+55.00	HB45	1564.28	78.80	-2.000%	0.00	1565.86	0.00	-2.000%	0.00	1565.86	HB45	-0.0100	1.2241	0.0000	1.356	1.392	**Left**	HB45	12.00	0.00	4.50	1.26	5.76	18.000	**OK**	0.503	0.519	2.747	2.681		1.392
↓	Grade		2073+60.00	HB45	1564.24	78.76	-2.000%	0.00	1565.82	0.00	-2.000%	0.00	1565.82	HB45	-0.0080	1.2332	0.0000	1.392	1.428	**Left**	HB45	12.00	0.00	4.50	1.73	6.23	18.000	**OK**	0.546	0.576	2.581	2.482		1.428
↓	Grade		2073+65.00	HB45	1564.20	78.73	-2.000%	0.00	1565.77	0.00	-2.000%	0.00	1565.77	HB45	-0.0100	1.2422	0.0000	1.428	1.465	**Left**	HB45	12.00	0.00	4.50	1.43	5.93	18.000	**OK**	0.519	0.539	2.798	2.716		1.465
↓	Grade		2073+70.00	HB45	1564.15	78.69	-2.000%	0.00	1565.72	0.00	-2.000%	0.00	1565.72	HB45	-0.0100	1.2513	0.0000	1.465	1.501	**Left**	HB45	12.00	0.00	4.50	1.51	6.01	18.000	**OK**	0.526	0.549	2.822	2.733		1.501
↓	Grade		2073+75.00	HB45	1564.11	78.65	-2.000%	0.00	1565.68	0.00	-2.000%	0.00	1565.68	HB45	-0.0080	1.2603	0.0000	1.501	1.537	**Left**	HB45	12.00	0.00	4.50	1.99	6.49	18.000	**OK**	0.569	0.609	2.650	2.525		1.537
↓	Grade		2073+80.00	HB45	1564.06	78.62	-2.000%	0.00	1565.63	0.00	-2.000%	0.00	1565.63	HB45	-0.0100	1.2693	0.0000	1.537	1.573	**Left**	HB45	12.00	0.00	4.50	1.68	6.18	18.000	**OK**	0.541	0.569	2.871	2.765		1.573
↓	Grade		2073+85.00	HB45	1564.02	78.58	-2.000%	0.00	1565.59	0.00	-2.000%	0.00	1565.59	HB45	-0.0080	1.2783	0.0000	1.573	1.609	**Left**	HB45	12.00	0.00	4.50	2.16	6.66	18.000	**OK**	0.584	0.631	2.693	2.551		1.609
↓	Grade		2073+90.00	HB45	1563.97	78.54	-2.000%	0.00	1565.54	0.00	-2.000%	0.00	1565.54	HB45	-0.0100	1.2873	0.0000	1.609	1.645	**Left**	HB45	12.00	0.00	4.50	1.83	6.33	18.000	**OK**	0.555	0.589	2.917	2.794		1.645
↓	Grade		2073+95.00	HB45	1563.93	78.51	-2.000%	0.00	1565.50	0.00	-2.000%	0.00	1565.50	HB45	-0.0080	1.2964	0.0000	1.645	1.682	**Left**	HB45	12.00	0.00	4.50	2.32	6.82	18.000	**OK**	0.599	0.653	2.735	2.576		1.682
↓	Grade		2074+00.00	HB45	1563.89	78.47	-2.000%	0.00	1565.46	0.00	-2.000%	0.00	1565.46	HB45	-0.0080	1.3054	0.0000	1.682	1.718	**Left**	HB45	12.00	0.00	4.50	2.40	6.90	18.000	**OK**	0.606	0.664	2.756	2.588		1.718
↓	Grade		2074+05.00	HB45	1563.85	78.44	-2.000%	0.00	1565.42	0.00	-2.000%	0.00	1565.42	HB45	-0.0080	1.3144	0.0000	1.718	1.754	**Left**	HB45	12.00	0.00	4.50	2.48	6.98	18.000	**OK**	0.613	0.675	2.776	2.600		1.754
↓	Grade		2074+10.00	HB45	1563.81	78.40	-2.000%	0.00	1565.38	0.00	-2.000%	0.00	1565.38	HB45	-0.0080	1.3234	0.0000	1.754	1.790	**Left**	HB45	12.00	0.00	4.50	2.56	7.06	18.000	**OK**	0.620	0.686	2.795	2.611		1.790
↓	Grade		2074+15.00	HB45	1563.77	78.36	-2.000%	0.00	1565.34	0.00	-2.000%	0.00	1565.34	HB45	-0.0080	1.3324	0.0000	1.790	1.826	**Left**	HB45	12.00	0.00	4.50	2.63	7.13	18.000	**OK**	0.627	0.696	2.815	2.622		1.826
↓	Grade		2074+20.00	HB45	1563.73	78.33	-2.000%	0.00	1565.30	0.00	-2.000%	0.00	1565.30	HB45	-0.0080	1.3414	0.0000	1.826	1.862	**Left**	HB45	12.00	0.00	4.50	2.71	7.21	18.000	**OK**	0.634	0.707	2.834	2.633		1.862
↓	Grade		2074+25.00	HB45	1563.69	78.29	-2.000%	0.00	1565.26	0.00	-2.000%	0.00	1565.26	HB45	-0.0080	1.3504	0.0000	1.862	1.898	**Left**	HB45	12.00	0.00	4.50	2.78	7.28	18.000	**OK**	0.641	0.718	2.853	2.644		1.898
↓	Grade		2074+30.00	HB45	1563.65	78.25	-2.000%	0.00	1565.22	0.00	-2.000%	0.00	1565.22	HB45	-0.0080	1.3593	0.0000	1.898	1.934	**Left**	HB45	12.00	0.00	4.50	2.86	7.36	18.000	**OK**	0.647	0.729	2.871	2.654		1.934
↓	Grade		2074+35.00	HB45	1563.62	78.22	-2.000%	0.00	1565.18	0.00	-2.000%	0.00	1565.18	HB45	-0.0080	1.3683	0.0000	1.934	1.970	**Left**	HB45	12.00	0.00	4.50	2.93	7.43	18.000	**OK**	0.654	0.740	2.890	2.664		1.970
↓	Grade		2074+40.00	HB45	1563.58	78.18	-2.000%	0.00	1565.14	0.00	-2.000%	0.00	1565.14	HB45	-0.0080	1.3773	0.0000	1.970	2.006	**Left**	HB45	12.00	0.00	4.50	3.00	7.50	18.000	**OK**	0.660	0.750	2.908	2.674		2.006
↓	Grade		2074+45.00	HB45	1563.55	78.14	-2.000%	0.00	1565.11	0.00	-2.000%	0.00	1565.11	HB45	-0.0060	1.3863	0.0000	2.006	2.042	**Left**	HB45	12.00	0.00	4.50	3.66	8.16	18.000	**OK**	0.720	0.854	2.660	2.391		2.042
↓	Grade		2074+50.00	HB45	1563.51	78.11	-2.000%	0.00	1565.07	0.00	-2.000%	0.00	1565.07	HB45	-0.0080	1.3952	0.0000	2.042	2.078	**Left**	HB45	12.00	0.00	4.50	3.14	7.64	18.000	**OK**	0.673	0.772	2.943	2.693		2.078
↓	Grade		2074+55.00	HB45	1563.48	78.07	-2.000%	0.00	1565.04	0.00	-2.000%	0.00	1565.04	HB45	-0.0060	1.4042	0.0000	2.078	2.114	**Left**	HB45	12.00	0.00	4.50	3.81	8.31	18.000	**OK**	0.733	0.878	2.691	2.407		2.114
↓	Grade		2074+60.00	HB45	1563.44	78.03	-2.000%	0.00	1565.00	0.00	-2.000%	0.00	1565.00	HB45	-0.0080	1.4132	0.0000	2.114	2.150	**Left**	HB45	12.00	0.00	4.50	3.28	7.78	18.000	**OK**	0.685	0.793	2.977	2.711		2.150
↓	Grade		2074+65.00	HB45	1563.41	78.00	-2.000%	0.00	1564.97	0.00	-2.000%	0.00	1564.97	HB45	-0.0060	1.4221	0.0000	2.150	2.186	**Left**	HB45	12.00	0.00	4.50	3.95	8.45	18.000	**OK**	0.746	0.902	2.721	2.423		2.186
↓	Grade		2074+70.00	HB45	1563.38	77.96	-2.000%	0.00	1564.94	0.00	-2.000%	0.00	1564.94	HB45	-0.0060	1.4311	0.0000	2.186	2.222	**Left**	HB45	12.00	0.00	4.50	4.02	8.52	18.000	**OK**	0.752	0.914	2.736	2.431		2.222
↓	Grade		2074+75.00	HB45	1563.35	77.93	-2.000%	0.00	1564.91	0.00	-2.000%	0.00	1564.91	HB45	-0.0060	1.4400	0.0000	2.222	2.258	**Left**	HB45	12.00	0.00	4.50	4.09	8.59	18.000	**OK**	0.758	0.926	2.751	2.438		2.258
↓	Grade		2074+80.00	HB45	1563.32	77.89	-2.000%	0.00	1564.88	0.00	-2.000%	0.00	1564.88	HB45	-0.0060	1.4490	0.0000	2.258	2.293	**Left**	HB45	12.00	0.00	4.50	4.16	8.66	18.000	**OK**	0.765	0.938	2.765	2.445		2.293
↓	Grade		2074+85.00	HB45	1563.29	77.85	-2.000%	0.00	1564.85	0.00	-2.000%	0.00	1564.85	HB45	-0.0060	1.4579	0.0000	2.293	2.329	**Left**	HB45	12.00	0.00	4.50	4.23	8.73	18.000	**OK**	0.771	0.950	2.779	2.453		2.329
↓	Grade		2074+90.00	HB45	1563.26	77.82	-2.000%	0.00	1564.82	0.00	-2.000%	0.00	1564.82	HB45	-0.0060	1.4668	0.0000	2.329	2.365	**Left**	HB45	12.00	0.00	4.50	4.30	8.80	18.000	**OK**	0.777	0.962	2.793	2.460		2.365
↓	Grade		2074+95.00	HB45	1563.23	77.78	-2.000%	0.00	1564.79	0.00	-2.000%	0.00	1564.79	HB45	-0.0060	1.4758	0.0000	2.365	2.401	**Left**	HB45	12.00	0.00	4.50	4.36	8.86	18.000	**OK**	0.783	0.973	2.807	2.467		2.401
↓	Grade	**3**	2075+00.00	HB45	1563.21	77.74	-2.000%	0.00	1564.76	0.00	-2.000%	0.00	1564.76	HB45	-0.0060	1.4847	0.0000	2.401	2.437	**Left**	HB45	12.00	0.00	4.50	4.43	8.93	18.000	**OK**	0.789	0.985	2.821	2.473	3	2.437
↓	Grade		2075+05.00	HB45	1563.18	77.71	-2.000%	0.00	1564.73	0.00	-2.000%	0.00	1564.73	HB45	-0.0060	1.4936	0.0000	0.223	0.259	**Left**	HB45	12.00	0.00	4.42	0.00	4.42	18.000	**OK**	0.196	0.196	1.325	1.325		0.259
↓	Grade		2075+10.00	HB45	1563.15	77.67	-2.000%	0.00	1564.70	0.00	-2.000%	0.00	1564.70	HB45	-0.0060	1.5025	0.0000	0.259	0.295	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.215	0.215	1.369	1.369		0.295
↓	Grade		2075+15.00	HB45	1563.13	77.63	-2.000%	0.00	1564.68	0.00	-2.000%	0.00	1564.68	HB45	-0.0040	1.5114	0.0000	0.295	0.330	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.269	0.269	1.229	1.229		0.330
↓	Grade		2075+20.00	HB45	1563.10	77.60	-2.000%	0.00	1564.65	0.00	-2.000%	0.00	1564.65	HB45	-0.0060	1.5203	0.0000	0.330	0.366	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.251	0.251	1.458	1.458		0.366
↓	Grade		2075+25.00	HB45	1563.08	77.56	-2.000%	0.00	1564.63	0.00	-2.000%	0.00	1564.63	HB45	-0.0040	1.5292	0.0000	0.366	0.402	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.307	0.307	1.311	1.311		0.402
↓	Grade		2075+30.00	HB45	1563.05	77.52	-2.000%	0.00	1564.60	0.00	-2.000%	0.00	1564.60	HB45	-0.0060	1.5381	0.0000	0.402	0.438	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.283	0.283	1.544	1.544		0.438
↓	Grade		2075+35.00	HB45	1563.03	77.49	-2.000%	0.00	1564.58	0.00	-2.000%	0.00	1564.58	HB45	-0.0040	1.5470	0.0000	0.438	0.473	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	1.387	1.387		0.473
↓	Grade		2075+40.00	HB45	1563.01	77.45	-2.000%	0.00	1564.56	0.00	-2.000%	0.00	1564.56	HB45	-0.0040	1.5559	0.0000	0.473	0.509	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.358	0.358	1.423	1.423		0.509
↓	Grade		2075+45.00	HB45	1562.99	77.42	-2.000%	0.00	1564.54	0.00	-2.000%	0.00	1564.54	HB45	-0.0040	1.5648	0.0000	0.509	0.545	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	1.458	1.458		0.545
↓	Grade		2075+50.00	HB45	1562.96	77.38	-2.000%	0.00	1564.51	0.00	-2.000%	0.00	1564.51	HB45	-0.0060	1.5737	0.0000	0.545	0.580	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	1.699	1.699		0.580
↓	Grade		2075+55.00	HB45	1562.94	77.34	-2.000%	0.00	1564.49	0.00	-2.000%	0.00	1564.49	HB45	-0.0040	1.5826	0.0000	0.580	0.616	**Left**	HB45	12.00	0.00	4.50	0.15	4.65	18.000	**OK**	0.404	0.404	1.525	1.524		0.616
↓	Grade		2075+60.00	HB45	1562.92	77.31	-2.000%	0.00	1564.47	0.00	-2.000%	0.00	1564.47	HB45	-0.0040	1.5915	0.0000	0.616	0.651	**Left**	HB45	12.00	0.00	4.50	0.32	4.82	18.000	**OK**	0.418	0.419	1.556	1.553		0.651
↓	Grade		2075+65.00	HB45	1562.91	77.27	-2.000%	0.00	1564.46	0.00	-2.000%	0.00	1564.46	HB45	-0.0020	1.6003	0.0000	0.651	0.687	**Left**	HB45	12.00	0.00	4.50	1.59	6.09	18.000	**OK**	0.533	0.559	1.273	1.229		0.687
↓	Grade		2075+70.00	HB45	1562.90	77.23	-2.000%	0.00	1564.44	0.00	-2.000%	0.00	1564.44	HB45	-0.0040	1.6092	0.0000	0.687	0.722	**Left**	HB45	12.00	0.00	4.50	0.63	5.13	18.000	**OK**	0.446	0.450	1.616	1.604		0.722
↓	Grade		2075+75.00	HB45	1562.88	77.20	-2.000%	0.00	1564.42	0.00	-2.000%	0.00	1564.42	HB45	-0.0040	1.6181	0.0000	0.722	0.758	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.460	0.466	1.645	1.627		0.758
↓	Grade		2075+80.00	HB45	1562.86	77.16	-2.000%	0.00	1564.40	0.00	-2.000%	0.00	1564.40	HB45	-0.0040	1.6269	0.0000	0.758	0.794	**Left**	HB45	12.00	0.00	4.50	0.92	5.42	18.000	**OK**	0.473	0.481	1.673	1.649		0.794
↓	Grade		2075+85.00	HB45	1562.85	77.12	-2.000%	0.00	1564.39	0.00	-2.000%	0.00	1564.39	HB45	-0.0020	1.6358	0.0000	0.794	0.829	**Left**	HB45	12.00	0.00	4.50	2.27	6.77	18.000	**OK**	0.594	0.646	1.361	1.284		0.829
↓	Grade		2075+90.00	HB45	1562.83	77.09	-2.000%	0.00	1564.37	0.00	-2.000%	0.00	1564.37	HB45	-0.0040	1.6446	0.0000	0.829	0.864	**Left**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.498	0.512	1.726	1.688		0.864
↓	Grade		2075+95.00	HB45	1562.82	77.05	-2.000%	0.00	1564.36	0.00	-2.000%	0.00	1564.36	HB45	-0.0020	1.6535	0.0000	0.864	0.900	**Left**	HB45	12.00	0.00	4.50	2.58	7.08	18.000	**OK**	0.622	0.689	1.400	1.307		0.900
↓	Grade		2076+00.00	HB45	1562.80	77.02	-2.000%	0.00	1564.34	0.00	-2.000%	0.00	1564.34	HB45	-0.0040	1.6623	0.0000	0.900	0.935	**Left**	HB45	12.00	0.00	4.50	1.46	5.96	18.000	**OK**	0.522	0.543	1.776	1.722		0.935
↓	Grade	**3**	2076+05.00	HB45	1562.79	76.98	-2.000%	0.00	1564.33	0.00	-2.000%	0.00	1564.33	HB45	-0.0020	1.6712	0.0000	0.935	0.971	**Left**	HB45	12.00	0.00	4.50	2.87	7.37	18.000	**OK**	0.649	0.731	1.438	1.328	3	0.971

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade		2076+10.00	HB45	1562.78	76.94	-2.000%	0.00	1564.32	0.00	-2.000%	0.00	1564.32	HB45	-0.0020	1.6800	0.0000	0.047	0.082	**Left**	HB45	12.00	0.00	3.53	0.00	3.53	18.000	**OK**	0.125	0.125	0.658	0.658		0.082
↓	Grade		2076+15.00	HB45	1562.76	76.91	-2.000%	0.00	1564.30	0.00	-2.000%	0.00	1564.30	HB45	-0.0040	1.6888	0.0000	0.082	0.117	**Left**	HB45	12.00	0.00	3.55	0.00	3.55	18.000	**OK**	0.126	0.126	0.934	0.934		0.117
↓	Grade		2076+20.00	HB45	1562.75	76.87	-2.000%	0.00	1564.29	0.00	-2.000%	0.00	1564.29	HB45	-0.0020	1.6976	0.0000	0.117	0.153	**Left**	HB45	12.00	0.00	4.46	0.00	4.46	18.000	**OK**	0.199	0.199	0.769	0.769		0.153
↓	Grade		2076+25.00	HB45	1562.74	76.83	-2.000%	0.00	1564.28	0.00	-2.000%	0.00	1564.28	HB45	-0.0020	1.7065	0.0000	0.153	0.188	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.231	0.231	0.813	0.813		0.188
↓	Grade		2076+30.00	HB45	1562.73	76.80	-2.000%	0.00	1564.27	0.00	-2.000%	0.00	1564.27	HB45	-0.0020	1.7153	0.0000	0.188	0.224	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.261	0.261	0.857	0.857		0.224
↓	Grade		2076+35.00	HB45	1562.72	76.76	-2.000%	0.00	1564.26	0.00	-2.000%	0.00	1564.26	HB45	-0.0020	1.7241	0.0000	0.224	0.259	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.288	0.288	0.898	0.898		0.259
↓	Sag		2076+40.00	HB45	1562.72	76.72	-2.000%	0.00	1564.25	0.00	-2.000%	0.00	1564.25	HB45	-0.0020	1.7417	0.0000	0.294	0.365	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.361	0.361	1.011	1.011		0.365
↑	Crest		2076+45.00	HB45	1562.72	76.69	-2.000%	0.00	1564.25	0.00	-2.000%	0.00	1564.25	HB45	0.0000	0.0000	0.0000	0.000	0.035	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.035
↓	Grade		2076+50.00	HB45	1562.71	76.65	-2.000%	0.00	1564.24	0.00	-2.000%	0.00	1564.24	HB45	-0.0020	0.0088	0.0000	0.035	0.071	**Left**	HB45	12.00	0.00	3.34	0.00	3.34	18.000	**OK**	0.111	0.111	0.634	0.634		0.071
↓	Sag		2076+55.00	HB45	1562.70	76.61	-2.000%	0.00	1564.23	0.00	-2.000%	0.00	1564.23	HB45	-0.0020	0.0264	0.0000	0.106	0.176	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.221	0.221	0.798	0.798		0.176
↑	Crest		2076+60.00	HB45	1562.70	76.58	-2.000%	0.00	1564.23	0.00	-2.000%	0.00	1564.23	HB45	0.0000	0.0000	0.0000	0.000	0.035	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.035
↓	Sag		2076+65.00	HB45	1562.69	76.54	-2.000%	0.00	1564.22	0.00	-2.000%	0.00	1564.22	HB45	-0.0020	0.0176	0.0000	0.070	0.141	**Left**	HB45	12.00	0.00	4.32	0.00	4.32	18.000	**OK**	0.187	0.187	0.754	0.754		0.141
↑	Crest		2076+70.00	HB45	1562.69	76.51	-2.000%	0.00	1564.22	0.00	-2.000%	0.00	1564.22	HB45	0.0000	0.0000	0.0000	0.000	0.035	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.035
↓	Sag		2076+75.00	HB45	1562.68	76.47	-2.000%	0.00	1564.21	0.00	-2.000%	0.00	1564.21	HB45	-0.0020	0.0263	0.0000	0.705	0.776	**Left**	HB45	12.00	0.00	4.50	2.02	6.52	18.000	**OK**	0.572	0.613	1.329	1.265		0.776
↑	Grade		2076+80.00	HB45	1562.68	76.43	-2.000%	0.00	1564.21	0.00	-2.000%	0.00	1564.21	HB45	0.0000	0.0088	0.0000	0.635	0.670	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.670
↑	Grade		2076+85.00	HB45	1562.68	76.40	-2.000%	0.00	1564.21	0.00	-2.000%	0.00	1564.21	HB45	0.0000	0.0088	0.0000	0.600	0.635	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.635
↑	Grade	**3**	2076+90.00	HB45	1562.68	76.36	-2.000%	0.00	1564.21	0.00	-2.000%	0.00	1564.21	HB45	0.0000	0.0088	0.0000	0.564	0.600	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!	3	0.600
↑	Grade		2076+95.00	HB45	1562.68	76.32	-2.000%	0.00	1564.21	0.00	-2.000%	0.00	1564.21	HB45	0.0000	0.0088	0.0000	0.529	0.564	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.564
↑	Grade		2077+00.00	HB45	1562.68	76.29	-2.000%	0.00	1564.21	0.00	-2.000%	0.00	1564.21	HB45	0.0000	0.0088	0.0000	0.494	0.529	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.529
↑	Grade		2077+05.00	HB45	1562.68	76.25	-2.000%	0.00	1564.21	0.00	-2.000%	0.00	1564.21	HB45	0.0000	0.0088	0.0000	0.459	0.494	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.494
↑	Grade		2077+10.00	HB45	1562.69	76.21	-2.000%	0.00	1564.21	0.00	-2.000%	0.00	1564.21	HB45	0.0000	0.0088	0.0000	0.424	0.459	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.459
↑	Grade		2077+15.00	HB45	1562.69	76.18	-2.000%	0.00	1564.21	0.00	-2.000%	0.00	1564.21	HB45	0.0000	0.0087	0.0000	0.389	0.424	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.424
↑	Grade		2077+20.00	HB45	1562.69	76.14	-2.000%	0.00	1564.21	0.00	-2.000%	0.00	1564.21	HB45	0.0000	0.0175	0.0000	0.354	0.389	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.389
↑	Grade		2077+25.00	HB45	1562.70	76.10	-2.000%	0.00	1564.22	0.00	-2.000%	0.00	1564.22	HB45	0.0020	0.0087	0.0000	0.319	0.354	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.354	0.354	1.000	1.000		0.354
↑	Grade		2077+30.00	HB45	1562.70	76.07	-2.000%	0.00	1564.22	0.00	-2.000%	0.00	1564.22	HB45	0.0000	0.0175	0.0000	0.284	0.319	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.319
↑	Grade		2077+35.00	HB45	1562.71	76.03	-2.000%	0.00	1564.23	0.00	-2.000%	0.00	1564.23	HB45	0.0020	0.0087	0.0000	0.249	0.284	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.306	0.306	0.927	0.927		0.284
↑	Grade		2077+40.00	HB45	1562.71	76.00	-2.000%	0.00	1564.23	0.00	-2.000%	0.00	1564.23	HB45	0.0000	0.0262	0.0000	0.214	0.249	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.249
↑	Grade		2077+45.00	HB45	1562.72	75.96	-2.000%	0.00	1564.24	0.00	-2.000%	0.00	1564.24	HB45	0.0020	0.0174	0.0000	0.179	0.214	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.253	0.253	0.845	0.845		0.214
↑	Grade		2077+50.00	HB45	1562.73	75.92	-2.000%	0.00	1564.25	0.00	-2.000%	0.00	1564.25	HB45	0.0020	0.0087	0.0000	0.144	0.179	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.223	0.223	0.802	0.802		0.179
↑	Grade		2077+55.00	HB45	1562.73	75.89	-2.000%	0.00	1564.25	0.00	-2.000%	0.00	1564.25	HB45	0.0000	2.7124	0.0000	0.109	0.144	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.144
↑	Grade		2077+60.00	HB45	1562.74	75.85	-2.000%	0.00	1564.26	0.00	-2.000%	0.00	1564.26	HB45	0.0020	2.7037	0.0000	0.074	0.109	**Left**	HB45	12.00	0.00	3.93	0.00	3.93	18.000	**OK**	0.154	0.154	0.707	0.707		0.109
↑	Grade	**3**	2077+65.00	HB45	1562.75	75.81	-2.000%	0.00	1564.27	0.00	-2.000%	0.00	1564.27	HB45	0.0020	2.6950	0.0000	1.083	1.118	**Left**	HB45	12.00	0.00	4.50	3.44	7.94	18.000	**OK**	0.700	0.818	1.508	1.366	3	1.118
↑	Grade		2077+70.00	HB45	1562.76	75.78	-2.000%	0.00	1564.28	0.00	-2.000%	0.00	1564.28	HB45	0.0020	2.6863	0.0000	1.048	1.083	**Left**	HB45	12.00	0.00	4.50	3.31	7.81	18.000	**OK**	0.688	0.797	1.492	1.358		1.083
↑	Grade		2077+75.00	HB45	1562.78	75.74	-2.000%	0.00	1564.29	0.00	-2.000%	0.00	1564.29	HB45	0.0020	2.6776	0.0000	1.013	1.048	**Left**	HB45	12.00	0.00	4.50	3.18	7.68	18.000	**OK**	0.676	0.777	1.476	1.349		1.048
↑	Grade		2077+80.00	HB45	1562.79	75.70	-2.000%	0.00	1564.30	0.00	-2.000%	0.00	1564.30	HB45	0.0020	2.6689	0.0000	0.978	1.013	**Left**	HB45	12.00	0.00	4.50	3.04	7.54	18.000	**OK**	0.664	0.756	1.459	1.340		1.013
↑	Grade		2077+85.00	HB45	1562.80	75.67	-2.000%	0.00	1564.31	0.00	-2.000%	0.00	1564.31	HB45	0.0020	2.6602	0.0000	0.943	0.978	**Left**	HB45	12.00	0.00	4.50	2.90	7.40	18.000	**OK**	0.651	0.735	1.441	1.330		0.978
↑	Grade		2077+90.00	HB45	1562.82	75.63	-2.000%	0.00	1564.33	0.00	-2.000%	0.00	1564.33	HB45	0.0040	2.6515	0.0000	0.908	0.943	**Left**	HB45	12.00	0.00	4.50	1.49	5.99	18.000	**OK**	0.524	0.547	1.781	1.726		0.943
↑	Grade		2077+95.00	HB45	1562.83	75.59	-2.000%	0.00	1564.34	0.00	-2.000%	0.00	1564.34	HB45	0.0020	2.6428	0.0000	0.874	0.908	**Left**	HB45	12.00	0.00	4.50	2.61	7.11	18.000	**OK**	0.625	0.694	1.405	1.310		0.908
↑	Grade		2078+00.00	HB45	1562.84	75.56	-2.000%	0.00	1564.35	0.00	-2.000%	0.00	1564.35	HB45	0.0020	2.6341	0.0000	0.839	0.874	**Left**	HB45	12.00	0.00	4.50	2.47	6.97	18.000	**OK**	0.612	0.673	1.386	1.299		0.874
↑	Grade		2078+05.00	HB45	1562.86	75.52	-2.000%	0.00	1564.37	0.00	-2.000%	0.00	1564.37	HB45	0.0040	2.6255	0.0000	0.804	0.839	**Left**	HB45	12.00	0.00	4.50	1.10	5.60	18.000	**OK**	0.489	0.501	1.707	1.674		0.839
↑	Grade		2078+10.00	HB45	1562.88	75.49	-2.000%	0.00	1564.39	0.00	-2.000%	0.00	1564.39	HB45	0.0040	2.6168	0.0000	0.769	0.804	**Left**	HB45	12.00	0.00	4.50	0.96	5.46	18.000	**OK**	0.477	0.486	1.681	1.655		0.804
↑	Grade		2078+15.00	HB45	1562.89	75.45	-2.000%	0.00	1564.40	0.00	-2.000%	0.00	1564.40	HB45	0.0020	2.6081	0.0000	0.735	0.769	**Left**	HB45	12.00	0.00	4.50	1.99	6.49	18.000	**OK**	0.570	0.609	1.325	1.263		0.769
↑	Grade		2078+20.00	HB45	1562.91	75.41	-2.000%	0.00	1564.42	0.00	-2.000%	0.00	1564.42	HB45	0.0040	2.5995	0.0000	0.700	0.735	**Left**	HB45	12.00	0.00	4.50	0.68	5.18	18.000	**OK**	0.451	0.456	1.626	1.612		0.735
↑	Grade		2078+25.00	HB45	1562.93	75.38	-2.000%	0.00	1564.44	0.00	-2.000%	0.00	1564.44	HB45	0.0040	2.5908	0.0000	0.665	0.700	**Left**	HB45	12.00	0.00	4.50	0.53	5.03	18.000	**OK**	0.438	0.441	1.598	1.589		0.700
↑	Grade		2078+30.00	HB45	1562.94	75.34	-2.000%	0.00	1564.45	0.00	-2.000%	0.00	1564.45	HB45	0.0020	2.5822	0.0000	0.631	0.665	**Left**	HB45	12.00	0.00	4.50	1.48	5.98	18.000	**OK**	0.523	0.545	1.258	1.220		0.665
↑	Grade		2078+35.00	HB45	1562.96	75.30	-2.000%	0.00	1564.47	0.00	-2.000%	0.00	1564.47	HB45	0.0040	2.5735	0.0000	0.596	0.631	**Left**	HB45	12.00	0.00	4.50	0.22	4.72	18.000	**OK**	0.410	0.410	1.538	1.536		0.631
↑	Grade		2078+40.00	HB45	1562.98	75.27	-2.000%	0.00	1564.49	0.00	-2.000%	0.00	1564.49	HB45	0.0040	2.5649	0.0000	0.561	0.596	**Left**	HB45	12.00	0.00	4.50	0.06	4.56	18.000	**OK**	0.396	0.396	1.506	1.506		0.596
↑	Grade		2078+45.00	HB45	1563.01	75.23	-2.000%	0.00	1564.51	0.00	-2.000%	0.00	1564.51	HB45	0.0040	2.5562	0.0000	0.527	0.561	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.381	0.381	1.474	1.474		0.561
↑	Grade		2078+50.00	HB45	1563.03	75.19	-2.000%	0.00	1564.53	0.00	-2.000%	0.00	1564.53	HB45	0.0040	2.5476	0.0000	0.492	0.527	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.366	0.366	1.441	1.441		0.527
↑	Grade		2078+55.00	HB45	1563.06	75.16	-2.000%	0.00	1564.56	0.00	-2.000%	0.00	1564.56	HB45	0.0060	2.5389	0.0000	0.457	0.492	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.307	0.307	1.605	1.605		0.492
↑	Grade		2078+60.00	HB45	1563.08	75.12	-2.000%	0.00	1564.58	0.00	-2.000%	0.00	1564.58	HB45	0.0040	2.5303	0.0000	0.423	0.457	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.334	0.334	1.371	1.371		0.457
↑	Grade		2078+65.00	HB45	1563.10	75.08	-2.000%	0.00	1564.60	0.00	-2.000%	0.00	1564.60	HB45	0.0040	2.5217	0.0000	0.388	0.423	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.317	0.317	1.334	1.334		0.423
↑	Grade		2078+70.00	HB45	1563.13	75.05	-2.000%	0.00	1564.63	0.00	-2.000%	0.00	1564.63	HB45	0.0060	2.5131	0.0000	0.354	0.388	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.261	0.261	1.485	1.485		0.388
↑	Grade		2078+75.00	HB45	1563.15	75.01	-2.000%	0.00	1564.65	0.00	-2.000%	0.00	1564.65	HB45	0.0040	2.5045	0.0000	0.319	0.354	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.282	0.282	1.256	1.256		0.354
↑	Grade		2078+80.00	HB45	1563.18	74.98	-2.000%	0.00	1564.68	0.00	-2.000%	0.00	1564.68	HB45	0.0060	2.4958	0.0000	0.285	0.319	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.228	0.228	1.400	1.400		0.319
↑	Grade		2078+85.00	HB45	1563.20	74.94	-2.000%	0.00	1564.70	0.00	-2.000%	0.00	1564.70	HB45	0.0040	2.4872	0.0000	0.250	0.285	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.243	0.243	1.173	1.173		0.285
↑	Grade		2078+90.00	HB45	1563.23	74.90	-2.000%	0.00	1564.73	0.00	-2.000%	0.00	1564.73	HB45	0.0060	2.4786	0.0000	0.216	0.250	**Left**	HB45	12.00	0.00	4.36	0.00	4.36	18.000	**OK**	0.191	0.191	1.313	1.313		0.250
↑	Grade		2078+95.00	HB45	1563.26	74.87	-2.000%	0.00	1564.76	0.00	-2.000%	0.00	1564.76	HB45	0.0060	2.4700	0.0000	0.181	0.216	**Left**	HB45	12.00	0.00	4.13	0.00	4.13	18.000	**OK**	0.170	0.170	1.265	1.265		0.216
↑	Grade	**3**	2079+00.00	HB45	1563.29	74.83	-2.000%	0.00	1564.79	0.00	-2.000%	0.00	1564.79	HB45	0.0060	2.4614	0.0000	2.223	2.258	**Left**	HB45	12.00	0.00	4.50	4.09	8.59	18.000	**OK**	0.758	0.926	2.751	2.438	3	2.258
↑	Grade		2079+05.00	HB45	1563.31	74.79	-2.000%	0.00	1564.81	0.00	-2.000%	0.00	1564.81	HB45	0.0040	2.4528	0.0000	2.189	2.223	**Left**	HB45	12.00	0.00	4.50	4.94	9.44	18.000	**OK**	0.834	1.078	2.388	2.062		2.223
↑	Grade		2079+10.00	HB45	1563.34	74.76	-2.000%	0.00	1564.84	0.00	-2.000%	0.00	1564.84	HB45	0.0060	2.4443	0.0000	2.154	2.189	**Left**	HB45	12.00	0.00	4.50	3.96	8.46	18.000	**OK**	0.746	0.903	2.723	2.424		2.189
↑	Grade		2079+15.00	HB45	1563.38	74.72	-2.000%	0.00	1564.87	0.00	-2.000%	0.00	1564.87	HB45	0.0060	2.4357	0.0000	2.120	2.154	**Left**	HB45	12.00	0.00	4.50	3.89	8.39	18.000	**OK**	0.740	0.892	2.708	2.416		2.154
↑	Grade		2079+20.00	HB45	1563.41	74.68	-2.000%	0.00	1564.90	0.00	-2.000%	0.00	1564.90	HB45	0.0060	2.4271	0.0000	2.086	2.120	**Left**	HB45	12.00	0.00	4.50	3.82	8.32	18.000	**OK**	0.734	0.880	2.694	2.409		2.120
↑	Grade		2079+25.00	HB45	1563.44	74.65	-2.000%	0.00	1564.93	0.00	-2.000%	0.00	1564.93	HB45	0.0060	2.4185	0.0000	2.051	2.086	**Left**	HB45	12.00	0.00	4.50	3.75	8.25	18.000	**OK**	0.728	0.869	2.679	2.401		2.086
↑	Grade		2079+30.00	HB45	1563.47	74.61	-2.000%	0.00	1564.96	0.00	-2.000%	0.00	1564.96	HB45	0.0060	2.4100	0.0000	2.017	2.051	**Left**	HB45	12.00	0.00	4.50	3.68	8.18	18.000	**OK**	0.721	0.857	2.664	2.393		2.051
↑	Grade		2079+35.00	HB45	1563.50	74.58	-2.000%	0.00	1564.99	0.00	-2.000%	0.00	1564.99	HB45	0.0060	2.4014	0.0000	1.983	2.017	**Left**	HB45	12.00	0.00	4.50	3.61	8.11	18.000	**OK**	0.715	0.845	2.649	2.386		2.017
↑	Grade		2079+40.00	HB45	1563.53	74.54	-2.000%	0.00	1565.02	0.00	-2.000%	0.00	1565.02	HB45	0.0060	2.3928	0.0000	1.948	1.983	**Left**	HB45	12.00	0.00	4.50	3.54	8.04	18.000	**OK**	0.709	0.834	2.634	2.378		1.983
↑	Grade		2079+45.00	HB45	1563.56	74.50	-2.000%	0.00	1565.05	0.00	-2.000%	0.00	1565.05	HB45	0.0060	2.3843	0.0000	1.914	1.948	**Left**	HB45	12.00	0.00	4.50	3.47	7.97	18.000	**OK**	0.702	0.822	2.618	2.369		1.948
↑	Grade		2079+50.00	HB45	1563.59	74.47	-2.000%	0.00	1565.08	0.00	-2.000%	0.00	1565.08	HB45	0.0060	2.3757	0.0000	1.880	1.914	**Left**	HB45	12.00	0.00	4.50	3.39	7.89	18.000	**OK**	0.695	0.811	2.603	2.361		1.914
↑	Grade		2079+55.00	HB45	1563.62	74.43	-2.000%	0.00	1565.11	0.00	-2.000%	0.00	1565.11	HB45	0.0060	2.3672	0.0000	1.846	1.880	**Left**	HB45	12.00	0.00	4.50	3.32	7.82	18.000	**OK**	0.689	0.799	2.587	2.353		1.880
↑	Grade		2079+60.00	HB45	1563.65	74.39	-2.000%	0.00	1565.14	0.00	-2.000%	0.00	1565.14	HB45	0.0060	2.3586	0.0000	1.811	1.846	**Left**	HB45	12.00	0.00	4.50	3.24	7.74	18.000	**OK**	0.682	0.787	2.571	2.344		1.846
↑	Grade		2079+65.00	HB45	1563.68	74.36	-2.000%	0.00	1565.17	0.00	-2.000%	0.00	1565.17	HB45	0.0060	2.3501	0.0000	1.777	1.811	**Left**	HB45	12.00	0.00	4.50	3.17	7.67	18.000	**OK**	0.675	0.776	2.554	2.335		1.811
↑	Grade		2079+70.00	HB45	1563.71	74.32	-2.000%	0.00	1565.20	0.00	-2.000%	0.00	1565.20	HB45	0.0060	2.3415	0.0000	1.743	1.777	**Left**	HB45	12.00	0.00	4.50	3.09	7.59	18.000	**OK**	0.668	0.764	2.538	2.326		1.777
↑	Grade		2079+75.00	HB45	1563.74	74.28	-2.000%	0.00	1565.23	0.00	-2.000%	0.00	1565.23	HB45	0.0060	2.3330	0.0000	1.709	1.743	**Left**	HB45	12.00	0.00	4.50	3.01	7.51	18.000	**OK**	0.661	0.752	2.521	2.317		1.743

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2079+80.00	HB45	1563.78	74.25	-2.000%	0.00	1565.26	0.00	-2.000%	0.00	1565.26	HB45	0.0060	2.3245	0.0000	1.674	1.709	**Left**	HB45	12.00	0.00	4.50	2.94	7.44	18.000	**OK**	0.654	0.740	2.504	2.308		1.709
↑	Grade		2079+85.00	HB45	1563.81	74.21	-2.000%	0.00	1565.29	0.00	-2.000%	0.00	1565.29	HB45	0.0060	2.3160	0.0000	1.640	1.674	**Left**	HB45	12.00	0.00	4.50	2.86	7.36	18.000	**OK**	0.647	0.729	2.486	2.298		1.674
↑	Grade		2079+90.00	HB45	1563.84	74.17	-2.000%	0.00	1565.32	0.00	-2.000%	0.00	1565.32	HB45	0.0060	2.3074	0.0000	1.606	1.640	**Left**	HB45	12.00	0.00	4.50	2.78	7.28	18.000	**OK**	0.640	0.717	2.469	2.288		1.640
↑	Grade		2079+95.00	HB45	1563.87	74.14	-2.000%	0.00	1565.35	0.00	-2.000%	0.00	1565.35	HB45	0.0060	2.2989	0.0000	1.572	1.606	**Left**	HB45	12.00	0.00	4.50	2.69	7.19	18.000	**OK**	0.632	0.705	2.451	2.278		1.606
↑	Grade		2080+00.00	HB45	1563.90	74.10	-2.000%	0.00	1565.38	0.00	-2.000%	0.00	1565.38	HB45	0.0060	2.2904	0.0000	1.538	1.572	**Left**	HB45	12.00	0.00	4.50	2.61	7.11	18.000	**OK**	0.625	0.693	2.433	2.268		1.572
↑	Grade		2080+05.00	HB45	1563.93	74.07	-2.000%	0.00	1565.41	0.00	-2.000%	0.00	1565.41	HB45	0.0060	2.2819	0.0000	1.504	1.538	**Left**	HB45	12.00	0.00	4.50	2.53	7.03	18.000	**OK**	0.617	0.681	2.414	2.257		1.538
↑	Grade		2080+10.00	HB45	1563.96	74.03	-2.000%	0.00	1565.44	0.00	-2.000%	0.00	1565.44	HB45	0.0060	2.2734	0.0000	1.470	1.504	**Left**	HB45	12.00	0.00	4.50	2.44	6.94	18.000	**OK**	0.610	0.669	2.395	2.247		1.504
↑	Grade		2080+15.00	HB45	1563.99	73.99	-2.000%	0.00	1565.47	0.00	-2.000%	0.00	1565.47	HB45	0.0060	2.2649	0.0000	1.436	1.470	**Left**	HB45	12.00	0.00	4.50	2.36	6.86	18.000	**OK**	0.602	0.657	2.376	2.235		1.470
↑	Grade		2080+20.00	HB45	1564.02	73.96	-2.000%	0.00	1565.50	0.00	-2.000%	0.00	1565.50	HB45	0.0060	2.2564	0.0000	1.402	1.436	**Left**	HB45	12.00	0.00	4.50	2.27	6.77	18.000	**OK**	0.594	0.646	2.357	2.224		1.436
↑	Grade		2080+25.00	HB45	1564.05	73.92	-2.000%	0.00	1565.53	0.00	-2.000%	0.00	1565.53	HB45	0.0060	2.2479	0.0000	1.368	1.402	**Left**	HB45	12.00	0.00	4.50	2.18	6.68	18.000	**OK**	0.586	0.634	2.337	2.212		1.402
↑	Grade		2080+30.00	HB45	1564.08	73.88	-2.000%	0.00	1565.56	0.00	-2.000%	0.00	1565.56	HB45	0.0060	2.2394	0.0000	1.334	1.368	**Left**	HB45	12.00	0.00	4.50	2.09	6.59	18.000	**OK**	0.578	0.622	2.317	2.200		1.368
↑	Grade		2080+35.00	HB45	1564.11	73.85	-2.000%	0.00	1565.59	0.00	-2.000%	0.00	1565.59	HB45	0.0060	2.2309	0.0000	1.300	1.334	**Left**	HB45	12.00	0.00	4.50	2.00	6.50	18.000	**OK**	0.570	0.610	2.296	2.187		1.334
↑	Grade		2080+40.00	HB45	1564.14	73.81	-2.000%	0.00	1565.62	0.00	-2.000%	0.00	1565.62	HB45	0.0060	2.2225	0.0000	1.266	1.300	**Left**	HB45	12.00	0.00	4.50	1.90	6.40	18.000	**OK**	0.561	0.598	2.275	2.174		1.300
↑	Grade		2080+45.00	HB45	1564.17	73.77	-2.000%	0.00	1565.65	0.00	-2.000%	0.00	1565.65	HB45	0.0060	2.2140	0.0000	1.232	1.266	**Left**	HB45	12.00	0.00	4.50	1.81	6.31	18.000	**OK**	0.553	0.586	2.254	2.161		1.266
↑	Grade		2080+50.00	HB45	1564.21	73.74	-2.000%	0.00	1565.68	0.00	-2.000%	0.00	1565.68	HB45	0.0060	2.2055	0.0000	1.198	1.232	**Left**	HB45	12.00	0.00	4.50	1.71	6.21	18.000	**OK**	0.544	0.574	2.232	2.147		1.232
↑	Grade		2080+55.00	HB45	1564.24	73.70	-2.000%	0.00	1565.71	0.00	-2.000%	0.00	1565.71	HB45	0.0060	2.1970	0.0000	1.164	1.198	**Left**	HB45	12.00	0.00	4.50	1.62	6.12	18.000	**OK**	0.536	0.562	2.210	2.133		1.198
↑	Grade		2080+60.00	HB45	1564.27	73.66	-2.000%	0.00	1565.74	0.00	-2.000%	0.00	1565.74	HB45	0.0060	2.1886	0.0000	1.130	1.164	**Left**	HB45	12.00	0.00	4.50	1.52	6.02	18.000	**OK**	0.527	0.550	2.187	2.118		1.164
↑	Grade		2080+65.00	HB45	1564.30	73.63	-2.000%	0.00	1565.77	0.00	-2.000%	0.00	1565.77	HB45	0.0060	2.1801	0.0000	1.096	1.130	**Left**	HB45	12.00	0.00	4.50	1.42	5.92	18.000	**OK**	0.517	0.538	2.164	2.102		1.130
↑	Grade		2080+70.00	HB45	1564.33	73.59	-2.000%	0.00	1565.80	0.00	-2.000%	0.00	1565.80	HB45	0.0060	2.1717	0.0000	1.062	1.096	**Left**	HB45	12.00	0.00	4.50	1.31	5.81	18.000	**OK**	0.508	0.525	2.140	2.086		1.096
↑	Grade		2080+75.00	HB45	1564.36	73.56	-2.000%	0.00	1565.83	0.00	-2.000%	0.00	1565.83	HB45	0.0060	2.1632	0.0000	1.028	1.062	**Left**	HB45	12.00	0.00	4.50	1.21	5.71	18.000	**OK**	0.499	0.513	2.116	2.069		1.062
↑	Grade		2080+80.00	HB45	1564.39	73.52	-2.000%	0.00	1565.86	0.00	-2.000%	0.00	1565.86	HB45	0.0060	2.1548	0.0000	0.994	1.028	**Left**	HB45	12.00	0.00	4.50	1.10	5.60	18.000	**OK**	0.489	0.501	2.091	2.051		1.028
↑	Grade		2080+85.00	HB45	1564.42	73.48	-2.000%	0.00	1565.89	0.00	-2.000%	0.00	1565.89	HB45	0.0060	2.1463	0.0000	0.961	0.994	**Left**	HB45	12.00	0.00	4.50	0.99	5.49	18.000	**OK**	0.479	0.489	2.066	2.032		0.994
↑	Grade		2080+90.00	HB45	1564.45	73.45	-2.000%	0.00	1565.92	0.00	-2.000%	0.00	1565.92	HB45	0.0060	2.1379	0.0000	0.927	0.961	**Left**	HB45	12.00	0.00	4.50	0.88	5.38	18.000	**OK**	0.469	0.477	2.040	2.013		0.961
↑	Grade		2080+95.00	HB45	1564.48	73.41	-2.000%	0.00	1565.95	0.00	-2.000%	0.00	1565.95	HB45	0.0060	2.1295	0.0000	0.893	0.927	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.459	0.465	2.014	1.992		0.927
↑	Grade		2081+00.00	HB45	1564.51	73.37	-2.000%	0.00	1565.98	0.00	-2.000%	0.00	1565.98	HB45	0.0060	2.1210	0.0000	0.859	0.893	**Left**	HB45	12.00	0.00	4.50	0.65	5.15	18.000	**OK**	0.449	0.453	1.986	1.970		0.893
↑	Grade		2081+05.00	HB45	1564.54	73.34	-2.000%	0.00	1566.01	0.00	-2.000%	0.00	1566.01	HB45	0.0060	2.1126	0.0000	0.826	0.859	**Left**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.438	0.441	1.959	1.947		0.859
↑	Grade		2081+10.00	HB45	1564.57	73.30	-2.000%	0.00	1566.04	0.00	-2.000%	0.00	1566.04	HB45	0.0060	2.1042	0.0000	0.792	0.826	**Left**	HB45	12.00	0.00	4.50	0.42	4.92	18.000	**OK**	0.428	0.429	1.930	1.923		0.826
↑	Grade		2081+15.00	HB45	1564.60	73.26	-2.000%	0.00	1566.07	0.00	-2.000%	0.00	1566.07	HB45	0.0060	2.0958	0.0000	0.758	0.792	**Left**	HB45	12.00	0.00	4.50	0.29	4.79	18.000	**OK**	0.417	0.417	1.901	1.897		0.792
↑	Grade		2081+20.00	HB45	1564.64	73.23	-2.000%	0.00	1566.10	0.00	-2.000%	0.00	1566.10	HB45	0.0060	2.0874	0.0000	0.724	0.758	**Left**	HB45	12.00	0.00	4.50	0.17	4.67	18.000	**OK**	0.405	0.406	1.871	1.869		0.758
↑	Grade		2081+25.00	HB45	1564.67	73.19	-2.000%	0.00	1566.13	0.00	-2.000%	0.00	1566.13	HB45	0.0060	2.0790	0.0000	0.691	0.724	**Left**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.394	0.394	1.840	1.840		0.724
↑	Grade		2081+30.00	HB45	1564.70	73.15	-2.000%	0.00	1566.16	0.00	-2.000%	0.00	1566.16	HB45	0.0060	2.0706	0.0000	0.657	0.691	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	1.808	1.808		0.691
↑	Grade		2081+35.00	HB45	1564.73	73.12	-2.000%	0.00	1566.19	0.00	-2.000%	0.00	1566.19	HB45	0.0060	2.0622	0.0000	0.623	0.657	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.370	0.370	1.776	1.776		0.657
↑	Grade		2081+40.00	HB45	1564.76	73.08	-2.000%	0.00	1566.22	0.00	-2.000%	0.00	1566.22	HB45	0.0060	2.0538	0.0000	0.590	0.623	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.358	0.358	1.743	1.743		0.623
↑	Grade		2081+45.00	HB45	1564.79	73.05	-2.000%	0.00	1566.25	0.00	-2.000%	0.00	1566.25	HB45	0.0060	2.0454	0.0000	0.556	0.590	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.345	0.345	1.709	1.709		0.590
↑	Grade		2081+50.00	HB45	1564.82	73.01	-2.000%	0.00	1566.28	0.00	-2.000%	0.00	1566.28	HB45	0.0060	2.0370	0.0000	0.523	0.556	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.332	0.332	1.674	1.674		0.556
↑	Grade		2081+55.00	HB45	1564.85	72.97	-2.000%	0.00	1566.31	0.00	-2.000%	0.00	1566.31	HB45	0.0060	2.0286	0.0000	0.489	0.523	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.319	0.319	1.639	1.639		0.523
↑	Grade		2081+60.00	HB45	1564.88	72.94	-2.000%	0.00	1566.34	0.00	-2.000%	0.00	1566.34	HB45	0.0060	2.0202	0.0000	0.455	0.489	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.305	0.305	1.602	1.602		0.489
↑	Grade		2081+65.00	HB45	1564.91	72.90	-2.000%	0.00	1566.37	0.00	-2.000%	0.00	1566.37	HB45	0.0060	2.0119	0.0000	0.422	0.455	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.291	0.291	1.564	1.564		0.455
↑	Grade		2081+70.00	HB45	1564.94	72.86	-2.000%	0.00	1566.40	0.00	-2.000%	0.00	1566.40	HB45	0.0060	2.0035	0.0000	0.388	0.422	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.277	0.277	1.525	1.525		0.422
↑	Grade		2081+75.00	HB45	1564.97	72.83	-2.000%	0.00	1566.43	0.00	-2.000%	0.00	1566.43	HB45	0.0060	1.9951	0.0000	0.355	0.388	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.261	0.261	1.485	1.485		0.388
↑	Grade		2081+80.00	HB45	1565.00	72.79	-2.000%	0.00	1566.46	0.00	-2.000%	0.00	1566.46	HB45	0.0060	1.9868	0.0000	0.321	0.355	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.246	0.246	1.444	1.444		0.355
↑	Grade		2081+85.00	HB45	1565.03	72.75	-2.000%	0.00	1566.49	0.00	-2.000%	0.00	1566.49	HB45	0.0060	1.9784	0.0000	0.288	0.321	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.229	0.229	1.403	1.403		0.321
↑	Grade		2081+90.00	HB45	1565.07	72.72	-2.000%	0.00	1566.52	0.00	-2.000%	0.00	1566.52	HB45	0.0060	1.9700	0.0000	0.254	0.288	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.211	0.211	1.361	1.361		0.288
↑	Grade		2081+95.00	HB45	1565.10	72.68	-2.000%	0.00	1566.55	0.00	-2.000%	0.00	1566.55	HB45	0.0060	1.9617	0.0000	0.221	0.254	**Left**	HB45	12.00	0.00	4.39	0.00	4.39	18.000	**OK**	0.193	0.193	1.319	1.319		0.254
↑	Grade	**3**	2082+00.00	HB45	1565.13	72.65	-2.000%	0.00	1566.58	0.00	-2.000%	0.00	1566.58	HB45	0.0060	1.9534	0.0000	2.393	2.427	**Left**	HB45	12.00	0.00	4.50	4.41	8.91	18.000	**OK**	0.787	0.982	2.817	2.472	3	2.427
↑	Grade		2082+05.00	HB45	1565.16	72.61	-2.000%	0.00	1566.61	0.00	-2.000%	0.00	1566.61	HB45	0.0060	1.9450	0.0000	2.360	2.393	**Left**	HB45	12.00	0.00	4.50	4.35	8.85	18.000	**OK**	0.782	0.971	2.804	2.465		2.393
↑	Grade		2082+10.00	HB45	1565.19	72.57	-2.000%	0.00	1566.64	0.00	-2.000%	0.00	1566.64	HB45	0.0060	1.9367	0.0000	2.326	2.360	**Left**	HB45	12.00	0.00	4.50	4.29	8.79	18.000	**OK**	0.776	0.960	2.791	2.459		2.360
↑	Grade		2082+15.00	HB45	1565.22	72.54	-2.000%	0.00	1566.67	0.00	-2.000%	0.00	1566.67	HB45	0.0060	1.9283	0.0000	2.293	2.326	**Left**	HB45	12.00	0.00	4.50	4.22	8.72	18.000	**OK**	0.770	0.949	2.778	2.452		2.326
↑	Grade		2082+20.00	HB45	1565.25	72.50	-2.000%	0.00	1566.70	0.00	-2.000%	0.00	1566.70	HB45	0.0060	1.9200	0.0000	2.260	2.293	**Left**	HB45	12.00	0.00	4.50	4.16	8.66	18.000	**OK**	0.765	0.938	2.765	2.445		2.293
↑	Grade		2082+25.00	HB45	1565.28	72.46	-2.000%	0.00	1566.73	0.00	-2.000%	0.00	1566.73	HB45	0.0060	1.9117	0.0000	2.226	2.260	**Left**	HB45	12.00	0.00	4.50	4.10	8.60	18.000	**OK**	0.759	0.927	2.752	2.438		2.260
↑	Grade		2082+30.00	HB45	1565.31	72.43	-2.000%	0.00	1566.76	0.00	-2.000%	0.00	1566.76	HB45	0.0060	1.9034	0.0000	2.193	2.226	**Left**	HB45	12.00	0.00	4.50	4.03	8.53	18.000	**OK**	0.753	0.916	2.738	2.431		2.226
↑	Grade		2082+35.00	HB45	1565.34	72.39	-2.000%	0.00	1566.79	0.00	-2.000%	0.00	1566.79	HB45	0.0060	1.8951	0.0000	2.160	2.193	**Left**	HB45	12.00	0.00	4.50	3.97	8.47	18.000	**OK**	0.747	0.904	2.724	2.424		2.193
↑	Grade		2082+40.00	HB45	1565.37	72.35	-2.000%	0.00	1566.82	0.00	-2.000%	0.00	1566.82	HB45	0.0060	1.8867	0.0000	2.126	2.160	**Left**	HB45	12.00	0.00	4.50	3.90	8.40	18.000	**OK**	0.741	0.893	2.710	2.417		2.160
↑	Grade		2082+45.00	HB45	1565.40	72.32	-2.000%	0.00	1566.85	0.00	-2.000%	0.00	1566.85	HB45	0.0060	1.8784	0.0000	2.093	2.126	**Left**	HB45	12.00	0.00	4.50	3.83	8.33	18.000	**OK**	0.735	0.882	2.696	2.410		2.126
↑	Grade		2082+50.00	HB45	1565.43	72.28	-2.000%	0.00	1566.88	0.00	-2.000%	0.00	1566.88	HB45	0.0060	1.8701	0.0000	2.060	2.093	**Left**	HB45	12.00	0.00	4.50	3.77	8.27	18.000	**OK**	0.729	0.871	2.682	2.403		2.093
↑	Grade		2082+55.00	HB45	1565.47	72.24	-2.000%	0.00	1566.91	0.00	-2.000%	0.00	1566.91	HB45	0.0060	1.8618	0.0000	2.026	2.060	**Left**	HB45	12.00	0.00	4.50	3.70	8.20	18.000	**OK**	0.723	0.860	2.668	2.395		2.060
↑	Grade		2082+60.00	HB45	1565.50	72.21	-2.000%	0.00	1566.94	0.00	-2.000%	0.00	1566.94	HB45	0.0060	1.8535	0.0000	1.993	2.026	**Left**	HB45	12.00	0.00	4.50	3.63	8.13	18.000	**OK**	0.717	0.849	2.653	2.388		2.026
↑	Grade		2082+65.00	HB45	1565.53	72.17	-2.000%	0.00	1566.97	0.00	-2.000%	0.00	1566.97	HB45	0.0060	1.8452	0.0000	1.960	1.993	**Left**	HB45	12.00	0.00	4.50	3.56	8.06	18.000	**OK**	0.711	0.837	2.639	2.380		1.993
↑	Grade		2082+70.00	HB45	1565.56	72.14	-2.000%	0.00	1567.00	0.00	-2.000%	0.00	1567.00	HB45	0.0060	1.8370	0.0000	1.927	1.960	**Left**	HB45	12.00	0.00	4.50	3.49	7.99	18.000	**OK**	0.704	0.826	2.624	2.372		1.960
↑	Grade		2082+75.00	HB45	1565.59	72.10	-2.000%	0.00	1567.03	0.00	-2.000%	0.00	1567.03	HB45	0.0060	1.8287	0.0000	1.894	1.927	**Left**	HB45	12.00	0.00	4.50	3.42	7.92	18.000	**OK**	0.698	0.815	2.609	2.364		1.927
↑	Grade		2082+80.00	HB45	1565.62	72.06	-2.000%	0.00	1567.06	0.00	-2.000%	0.00	1567.06	HB45	0.0060	1.8204	0.0000	1.860	1.894	**Left**	HB45	12.00	0.00	4.50	3.35	7.85	18.000	**OK**	0.692	0.804	2.593	2.356		1.894
↑	Grade		2082+85.00	HB45	1565.65	72.03	-2.000%	0.00	1567.09	0.00	-2.000%	0.00	1567.09	HB45	0.0060	1.8121	0.0000	1.827	1.860	**Left**	HB45	12.00	0.00	4.50	3.28	7.78	18.000	**OK**	0.685	0.792	2.578	2.348		1.860
↑	Grade		2082+90.00	HB45	1565.68	71.99	-2.000%	0.00	1567.12	0.00	-2.000%	0.00	1567.12	HB45	0.0060	1.8039	0.0000	1.794	1.827	**Left**	HB45	12.00	0.00	4.50	3.20	7.70	18.000	**OK**	0.678	0.781	2.562	2.339		1.827
↑	Grade		2082+95.00	HB45	1565.71	71.95	-2.000%	0.00	1567.15	0.00	-2.000%	0.00	1567.15	HB45	0.0060	1.7956	0.0000	1.761	1.794	**Left**	HB45	12.00	0.00	4.50	3.13	7.63	18.000	**OK**	0.672	0.770	2.546	2.331		1.794
↑	Grade		2083+00.00	HB45	1565.74	71.92	-2.000%	0.00	1567.18	0.00	-2.000%	0.00	1567.18	HB45	0.0060	1.7873	0.0000	1.728	1.761	**Left**	HB45	12.00	0.00	4.50	3.06	7.56	18.000	**OK**	0.665	0.758	2.530	2.322		1.761
↑	Grade		2083+05.00	HB45	1565.77	71.88	-2.000%	0.00	1567.21	0.00	-2.000%	0.00	1567.21	HB45	0.0060	1.7791	0.0000	1.695	1.728	**Left**	HB45	12.00	0.00	4.50	2.98	7.48	18.000	**OK**	0.658	0.747	2.514	2.313		1.728
↑	Grade		2083+10.00	HB45	1565.80	71.84	-2.000%	0.00	1567.24	0.00	-2.000%	0.00	1567.24	HB45	0.0060	1.7708	0.0000	1.662	1.695	**Left**	HB45	12.00	0.00	4.50	2.90	7.40	18.000	**OK**	0.651	0.736	2.497	2.304		1.695
↑	Grade		2083+15.00	HB45	1565.83	71.81	-2.000%	0.00	1567.27	0.00	-2.000%	0.00	1567.27	HB45	0.0060	1.7626	0.0000	1.629	1.662	**Left**	HB45	12.00	0.00	4.50	2.83	7.33	18.000	**OK**	0.644	0.724	2.480	2.295		1.662
↑	Grade		2083+20.00	HB45	1565.86	71.77	-2.000%	0.00	1567.30	0.00	-2.000%	0.00	1567.30	HB45	0.0060	1.7543	0.0000	1.596	1.629	**Left**	HB45	12.00	0.00	4.50	2.75	7.25	18.000	**OK**	0.637	0.713	2.463	2.285		1.629
↑	Grade		2083+25.00	HB45	1565.90	71.73	-2.000%	0.00	1567.33	0.00	-2.000%	0.00	1567.33	HB45	0.0060	1.7461	0.0000	1.563	1.596	**Left**	HB45	12.00	0.00	4.50	2.67	7.17	18.000	**OK**	0.630	0.701	2.445	2.275		1.596
↑	Grade		2083+30.00	HB45	1565.93	71.70	-2.000%	0.00	1567.36	0.00	-2.000%	0.00	1567.36	HB45	0.0060	1.7379	0.0000	1.530	1.563	**Left**	HB45	12.00	0.00	4.50	2.59	7.09	18.000	**OK**	0.623	0.690	2.428	2.265		1.563
↑	Grade		2083+35.00	HB45	1565.96	71.66	-2.000%	0.00	1567.39	0.00	-2.000%	0.00	1567.39	HB45	0.0060	1.7296	0.0000	1.497	1.530	**Left**	HB45	12.00	0.00	4.50	2.51	7.01	18.000	**OK**	0.616	0.678	2.410	2.255		1.530
↑	Grade		2083+40.00	HB45	1565.99	71.63	-2.000%	0.00	1567.42	0.00	-2.000%	0.00	1567.42	HB45	0.0060	1.7214	0.0000	1.464	1.497	**Left**	HB45	12.00	0.00	4.50	2.42	6.92	18.000	**OK**	0.608	0.667	2.391	2.244		1.497
↑	Grade		2083+45.00	HB45	1566.02	71.59	-2.000%	0.00	1567.45	0.00	-2.000%	0.00	1567.45	HB45	0.0060	1.7132	0.0000	1.431	1.464	**Left**	HB45	12.00	0.00	4.50	2.34	6.84	18.000	**OK**	0.601	0.655	2.373	2.233		1.464

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2083+50.00	HB45	1566.05	71.55	-2.000%	0.00	1567.48	0.00	-2.000%	0.00	1567.48	HB45	0.0060	1.7050	0.0000	1.398	1.431	**Left**	HB45	12.00	0.00	4.50	2.25	6.75	18.000	**OK**	0.593	0.644	2.354	2.222		1.431
↑	Grade		2083+55.00	HB45	1566.08	71.52	-2.000%	0.00	1567.51	0.00	-2.000%	0.00	1567.51	HB45	0.0060	1.6967	0.0000	1.365	1.398	**Left**	HB45	12.00	0.00	4.50	2.17	6.67	18.000	**OK**	0.585	0.632	2.335	2.211		1.398
↑	Grade		2083+60.00	HB45	1566.11	71.48	-2.000%	0.00	1567.54	0.00	-2.000%	0.00	1567.54	HB45	0.0060	1.6885	0.0000	1.332	1.365	**Left**	HB45	12.00	0.00	4.50	2.08	6.58	18.000	**OK**	0.577	0.621	2.315	2.199		1.365
↑	Grade		2083+65.00	HB45	1566.14	71.44	-2.000%	0.00	1567.57	0.00	-2.000%	0.00	1567.57	HB45	0.0060	1.6803	0.0000	1.299	1.332	**Left**	HB45	12.00	0.00	4.50	1.99	6.49	18.000	**OK**	0.569	0.609	2.295	2.187		1.332
↑	Grade		2083+70.00	HB45	1566.17	71.41	-2.000%	0.00	1567.60	0.00	-2.000%	0.00	1567.60	HB45	0.0060	1.6721	0.0000	1.266	1.299	**Left**	HB45	12.00	0.00	4.50	1.90	6.40	18.000	**OK**	0.561	0.598	2.275	2.174		1.299
↑	Grade		2083+75.00	HB45	1566.20	71.37	-2.000%	0.00	1567.63	0.00	-2.000%	0.00	1567.63	HB45	0.0060	1.6639	0.0000	1.233	1.266	**Left**	HB45	12.00	0.00	4.50	1.81	6.31	18.000	**OK**	0.553	0.586	2.254	2.161		1.266
↑	Grade		2083+80.00	HB45	1566.23	71.33	-2.000%	0.00	1567.66	0.00	-2.000%	0.00	1567.66	HB45	0.0060	1.6557	0.0000	1.201	1.233	**Left**	HB45	12.00	0.00	4.50	1.72	6.22	18.000	**OK**	0.545	0.574	2.233	2.148		1.233
↑	Grade		2083+85.00	HB45	1566.26	71.30	-2.000%	0.00	1567.69	0.00	-2.000%	0.00	1567.69	HB45	0.0060	1.6475	0.0000	1.168	1.201	**Left**	HB45	12.00	0.00	4.50	1.62	6.12	18.000	**OK**	0.536	0.563	2.212	2.134		1.201
↑	Grade		2083+90.00	HB45	1566.29	71.26	-2.000%	0.00	1567.72	0.00	-2.000%	0.00	1567.72	HB45	0.0060	1.6393	0.0000	1.135	1.168	**Left**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.528	0.551	2.190	2.119		1.168
↑	Grade		2083+95.00	HB45	1566.33	71.22	-2.000%	0.00	1567.75	0.00	-2.000%	0.00	1567.75	HB45	0.0060	1.6312	0.0000	1.102	1.135	**Left**	HB45	12.00	0.00	4.50	1.43	5.93	18.000	**OK**	0.519	0.539	2.167	2.104		1.135
↑	Grade		2084+00.00	HB45	1566.36	71.19	-2.000%	0.00	1567.78	0.00	-2.000%	0.00	1567.78	HB45	0.0060	1.6230	0.0000	1.069	1.102	**Left**	HB45	12.00	0.00	4.50	1.33	5.83	18.000	**OK**	0.510	0.528	2.145	2.089		1.102
↑	Grade		2084+05.00	HB45	1566.39	71.15	-2.000%	0.00	1567.81	0.00	-2.000%	0.00	1567.81	HB45	0.0060	1.6148	0.0000	1.037	1.069	**Left**	HB45	12.00	0.00	4.50	1.23	5.73	18.000	**OK**	0.501	0.516	2.121	2.072		1.069
↑	Grade		2084+10.00	HB45	1566.42	71.12	-2.000%	0.00	1567.84	0.00	-2.000%	0.00	1567.84	HB45	0.0060	1.6066	0.0000	1.004	1.037	**Left**	HB45	12.00	0.00	4.50	1.13	5.63	18.000	**OK**	0.492	0.504	2.097	2.055		1.037
↑	Grade		2084+15.00	HB45	1566.45	71.08	-2.000%	0.00	1567.87	0.00	-2.000%	0.00	1567.87	HB45	0.0060	1.5985	0.0000	0.971	1.004	**Left**	HB45	12.00	0.00	4.50	1.02	5.52	18.000	**OK**	0.482	0.493	2.073	2.038		1.004
↑	Grade		2084+20.00	HB45	1566.48	71.04	-2.000%	0.00	1567.90	0.00	-2.000%	0.00	1567.90	HB45	0.0060	1.5903	0.0000	0.939	0.971	**Left**	HB45	12.00	0.00	4.50	0.92	5.42	18.000	**OK**	0.473	0.481	2.048	2.019		0.971
↑	Grade		2084+25.00	HB45	1566.51	71.01	-2.000%	0.00	1567.93	0.00	-2.000%	0.00	1567.93	HB45	0.0060	1.5822	0.0000	0.906	0.939	**Left**	HB45	12.00	0.00	4.50	0.81	5.31	18.000	**OK**	0.463	0.469	2.023	1.999		0.939
↑	Grade		2084+30.00	HB45	1566.54	70.97	-2.000%	0.00	1567.96	0.00	-2.000%	0.00	1567.96	HB45	0.0060	1.5740	0.0000	0.873	0.906	**Left**	HB45	12.00	0.00	4.50	0.70	5.20	18.000	**OK**	0.453	0.458	1.997	1.979		0.906
↑	Grade		2084+35.00	HB45	1566.57	70.93	-2.000%	0.00	1567.99	0.00	-2.000%	0.00	1567.99	HB45	0.0060	1.5659	0.0000	0.841	0.873	**Left**	HB45	12.00	0.00	4.50	0.59	5.09	18.000	**OK**	0.443	0.446	1.970	1.957		0.873
↑	Grade		2084+40.00	HB45	1566.60	70.90	-2.000%	0.00	1568.02	0.00	-2.000%	0.00	1568.02	HB45	0.0060	1.5577	0.0000	0.808	0.841	**Left**	HB45	12.00	0.00	4.50	0.47	4.97	18.000	**OK**	0.432	0.435	1.943	1.934		0.841
↑	Grade		2084+45.00	HB45	1566.63	70.86	-2.000%	0.00	1568.05	0.00	-2.000%	0.00	1568.05	HB45	0.0060	1.5496	0.0000	0.775	0.808	**Left**	HB45	12.00	0.00	4.50	0.35	4.85	18.000	**OK**	0.422	0.423	1.915	1.910		0.808
↑	Grade		2084+50.00	HB45	1566.66	70.82	-2.000%	0.00	1568.08	0.00	-2.000%	0.00	1568.08	HB45	0.0060	1.5414	0.0000	0.743	0.775	**Left**	HB45	12.00	0.00	4.50	0.23	4.73	18.000	**OK**	0.411	0.412	1.886	1.884		0.775
↑	Grade		2084+55.00	HB45	1566.69	70.79	-2.000%	0.00	1568.11	0.00	-2.000%	0.00	1568.11	HB45	0.0060	1.5333	0.0000	0.710	0.743	**Left**	HB45	12.00	0.00	4.50	0.11	4.61	18.000	**OK**	0.400	0.400	1.857	1.856		0.743
↑	Grade		2084+60.00	HB45	1566.72	70.75	-2.000%	0.00	1568.14	0.00	-2.000%	0.00	1568.14	HB45	0.0060	1.5252	0.0000	0.678	0.710	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.389	0.389	1.827	1.827		0.710
↑	Grade		2084+65.00	HB45	1566.76	70.71	-2.000%	0.00	1568.17	0.00	-2.000%	0.00	1568.17	HB45	0.0060	1.5171	0.0000	0.645	0.678	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.377	0.377	1.796	1.796		0.678
↑	Grade		2084+70.00	HB45	1566.79	70.68	-2.000%	0.00	1568.20	0.00	-2.000%	0.00	1568.20	HB45	0.0060	1.5089	0.0000	0.612	0.645	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.366	0.366	1.764	1.764		0.645
↑	Grade		2084+75.00	HB45	1566.82	70.64	-2.000%	0.00	1568.23	0.00	-2.000%	0.00	1568.23	HB45	0.0060	1.5008	0.0000	0.580	0.612	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.354	0.354	1.732	1.732		0.612
↑	Grade		2084+80.00	HB45	1566.85	70.61	-2.000%	0.00	1568.26	0.00	-2.000%	0.00	1568.26	HB45	0.0060	1.4927	0.0000	0.547	0.580	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.341	0.341	1.699	1.699		0.580
↑	Grade		2084+85.00	HB45	1566.88	70.57	-2.000%	0.00	1568.29	0.00	-2.000%	0.00	1568.29	HB45	0.0060	1.4846	0.0000	0.515	0.547	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.329	0.329	1.665	1.665		0.547
↑	Grade		2084+90.00	HB45	1566.91	70.53	-2.000%	0.00	1568.32	0.00	-2.000%	0.00	1568.32	HB45	0.0060	1.4765	0.0000	0.482	0.515	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.316	0.316	1.630	1.630		0.515
↑	Grade		2084+95.00	HB45	1566.94	70.50	-2.000%	0.00	1568.35	0.00	-2.000%	0.00	1568.35	HB45	0.0060	1.4684	0.0000	0.450	0.482	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.303	0.303	1.595	1.595		0.482
↑	Grade		2085+00.00	HB45	1566.97	70.46	-2.000%	0.00	1568.38	0.00	-2.000%	0.00	1568.38	HB45	0.0060	1.4603	0.0000	0.418	0.450	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.289	0.289	1.558	1.558		0.450
↑	Grade		2085+05.00	HB45	1567.00	70.48	-2.000%	0.00	1568.41	0.00	-2.000%	0.00	1568.41	HB45	0.0060	1.4522	0.0000	0.385	0.418	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.275	0.275	1.520	1.520		0.418
↑	Grade		2085+10.00	HB45	1567.03	70.49	-2.000%	0.00	1568.44	0.00	-2.000%	0.00	1568.44	HB45	0.0060	1.4441	0.0000	0.353	0.385	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.260	0.260	1.481	1.481		0.385
↑	Grade		2085+15.00	HB45	1567.06	70.51	-2.000%	0.00	1568.47	0.00	-2.000%	0.00	1568.47	HB45	0.0060	1.4360	0.0000	0.320	0.353	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.245	0.245	1.442	1.442		0.353
↑	Grade		2085+20.00	HB45	1567.09	70.52	-2.000%	0.00	1568.50	0.00	-2.000%	0.00	1568.50	HB45	0.0060	1.4280	0.0000	0.288	0.320	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.229	0.229	1.401	1.401		0.320
↑	Grade		2085+25.00	HB45	1567.12	70.54	-2.000%	0.00	1568.53	0.00	-2.000%	0.00	1568.53	HB45	0.0060	1.4199	0.0000	0.255	0.288	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.212	0.212	1.361	1.361		0.288
↑	Grade	**3**	2085+30.00	HB45	1567.15	70.55	-2.000%	0.00	1568.56	0.00	-2.000%	0.00	1568.56	HB45	0.0060	1.4118	0.0000	2.533	2.565	**Left**	HB45	12.00	0.00	4.50	4.66	9.16	18.000	**OK**	0.810	1.027	2.869	2.497	3	2.565
↑	Grade		2085+35.00	HB45	1567.18	70.57	-2.000%	0.00	1568.59	0.00	-2.000%	0.00	1568.59	HB45	0.0060	1.4037	0.0000	2.500	2.533	**Left**	HB45	12.00	0.00	4.50	4.60	9.10	18.000	**OK**	0.804	1.016	2.857	2.492		2.533
↑	Grade		2085+40.00	HB45	1567.21	70.58	-2.000%	0.00	1568.62	0.00	-2.000%	0.00	1568.62	HB45	0.0060	1.3956	0.0000	2.468	2.500	**Left**	HB45	12.00	0.00	4.50	4.55	9.05	18.000	**OK**	0.799	1.006	2.845	2.485		2.500
↑	Grade		2085+45.00	HB45	1567.24	70.60	-2.000%	0.00	1568.65	0.00	-2.000%	0.00	1568.65	HB45	0.0060	1.3875	0.0000	2.435	2.468	**Left**	HB45	12.00	0.00	4.50	4.49	8.99	18.000	**OK**	0.794	0.995	2.833	2.479		2.468
↑	Grade		2085+50.00	HB45	1567.27	70.61	-2.000%	0.00	1568.68	0.00	-2.000%	0.00	1568.68	HB45	0.0060	1.3794	0.0000	2.403	2.435	**Left**	HB45	12.00	0.00	4.50	4.43	8.93	18.000	**OK**	0.789	0.985	2.820	2.473		2.435
↑	Grade		2085+55.00	HB45	1567.30	70.63	-2.000%	0.00	1568.71	0.00	-2.000%	0.00	1568.71	HB45	0.0060	1.3713	0.0000	2.370	2.403	**Left**	HB45	12.00	0.00	4.50	4.37	8.87	18.000	**OK**	0.783	0.974	2.808	2.467		2.403
↑	Grade		2085+60.00	HB45	1567.33	70.64	-2.000%	0.00	1568.74	0.00	-2.000%	0.00	1568.74	HB45	0.0060	1.3632	0.0000	2.338	2.370	**Left**	HB45	12.00	0.00	4.50	4.31	8.81	18.000	**OK**	0.778	0.963	2.795	2.461		2.370
↑	Grade		2085+65.00	HB45	1567.36	70.66	-2.000%	0.00	1568.77	0.00	-2.000%	0.00	1568.77	HB45	0.0060	1.3550	0.0000	2.305	2.338	**Left**	HB45	12.00	0.00	4.50	4.25	8.75	18.000	**OK**	0.772	0.953	2.783	2.454		2.338
↑	Grade		2085+70.00	HB45	1567.39	70.68	-2.000%	0.00	1568.80	0.00	-2.000%	0.00	1568.80	HB45	0.0060	1.3469	0.0000	2.273	2.305	**Left**	HB45	12.00	0.00	4.50	4.18	8.68	18.000	**OK**	0.767	0.942	2.770	2.448		2.305
↑	Grade		2085+75.00	HB45	1567.42	70.69	-2.000%	0.00	1568.83	0.00	-2.000%	0.00	1568.83	HB45	0.0060	1.3388	0.0000	2.240	2.273	**Left**	HB45	12.00	0.00	4.50	4.12	8.62	18.000	**OK**	0.761	0.931	2.757	2.441		2.273
↑	Grade		2085+80.00	HB45	1567.45	70.71	-2.000%	0.00	1568.86	0.00	-2.000%	0.00	1568.86	HB45	0.0060	1.3307	0.0000	2.208	2.240	**Left**	HB45	12.00	0.00	4.50	4.06	8.56	18.000	**OK**	0.755	0.920	2.744	2.434		2.240
↑	Grade		2085+85.00	HB45	1567.48	70.72	-2.000%	0.00	1568.89	0.00	-2.000%	0.00	1568.89	HB45	0.0060	1.3226	0.0000	2.175	2.208	**Left**	HB45	12.00	0.00	4.50	4.00	8.50	18.000	**OK**	0.750	0.909	2.730	2.428		2.208
↑	Grade		2085+90.00	HB45	1567.51	70.74	-2.000%	0.00	1568.92	0.00	-2.000%	0.00	1568.92	HB45	0.0060	1.3145	0.0000	2.142	2.175	**Left**	HB45	12.00	0.00	4.50	3.93	8.43	18.000	**OK**	0.744	0.899	2.717	2.421		2.175
↑	Grade		2085+95.00	HB45	1567.53	70.75	-2.000%	0.00	1568.95	0.00	-2.000%	0.00	1568.95	HB45	0.0060	1.3064	0.0000	2.110	2.142	**Left**	HB45	12.00	0.00	4.50	3.87	8.37	18.000	**OK**	0.738	0.888	2.703	2.414		2.142
↑	Grade		2086+00.00	HB45	1567.56	70.77	-2.000%	0.00	1568.98	0.00	-2.000%	0.00	1568.98	HB45	0.0060	1.2982	0.0000	2.077	2.110	**Left**	HB45	12.00	0.00	4.50	3.80	8.30	18.000	**OK**	0.732	0.877	2.689	2.407		2.110
↑	Grade		2086+05.00	HB45	1567.59	70.78	-2.000%	0.00	1569.01	0.00	-2.000%	0.00	1569.01	HB45	0.0060	1.2901	0.0000	2.045	2.077	**Left**	HB45	12.00	0.00	4.50	3.74	8.24	18.000	**OK**	0.726	0.866	2.676	2.399		2.077
↑	Grade		2086+10.00	HB45	1567.62	70.80	-2.000%	0.00	1569.04	0.00	-2.000%	0.00	1569.04	HB45	0.0060	1.2820	0.0000	2.012	2.045	**Left**	HB45	12.00	0.00	4.50	3.67	8.17	18.000	**OK**	0.720	0.855	2.661	2.392		2.045
↑	Grade		2086+15.00	HB45	1567.65	70.81	-2.000%	0.00	1569.07	0.00	-2.000%	0.00	1569.07	HB45	0.0060	1.2739	0.0000	1.980	2.012	**Left**	HB45	12.00	0.00	4.50	3.60	8.10	18.000	**OK**	0.714	0.844	2.647	2.384		2.012
↑	Grade		2086+20.00	HB45	1567.68	70.83	-2.000%	0.00	1569.10	0.00	-2.000%	0.00	1569.10	HB45	0.0060	1.2657	0.0000	1.947	1.980	**Left**	HB45	12.00	0.00	4.50	3.53	8.03	18.000	**OK**	0.708	0.833	2.633	2.377		1.980
↑	Grade		2086+25.00	HB45	1567.71	70.85	-2.000%	0.00	1569.13	0.00	-2.000%	0.00	1569.13	HB45	0.0060	1.2576	0.0000	1.914	1.947	**Left**	HB45	12.00	0.00	4.50	3.46	7.96	18.000	**OK**	0.702	0.822	2.618	2.369		1.947
↑	Grade		2086+30.00	HB45	1567.74	70.86	-2.000%	0.00	1569.16	0.00	-2.000%	0.00	1569.16	HB45	0.0060	1.2495	0.0000	1.882	1.914	**Left**	HB45	12.00	0.00	4.50	3.39	7.89	18.000	**OK**	0.696	0.811	2.603	2.361		1.914
↑	Grade		2086+35.00	HB45	1567.77	70.88	-2.000%	0.00	1569.19	0.00	-2.000%	0.00	1569.19	HB45	0.0060	1.2413	0.0000	1.849	1.882	**Left**	HB45	12.00	0.00	4.50	3.32	7.82	18.000	**OK**	0.689	0.800	2.588	2.353		1.882
↑	Grade		2086+40.00	HB45	1567.80	70.89	-2.000%	0.00	1569.22	0.00	-2.000%	0.00	1569.22	HB45	0.0060	1.2332	0.0000	1.817	1.849	**Left**	HB45	12.00	0.00	4.50	3.25	7.75	18.000	**OK**	0.683	0.789	2.572	2.345		1.849
↑	Grade		2086+45.00	HB45	1567.83	70.91	-2.000%	0.00	1569.25	0.00	-2.000%	0.00	1569.25	HB45	0.0060	1.2251	0.0000	1.784	1.817	**Left**	HB45	12.00	0.00	4.50	3.18	7.68	18.000	**OK**	0.676	0.777	2.557	2.337		1.817
↑	Grade		2086+50.00	HB45	1567.86	70.92	-2.000%	0.00	1569.28	0.00	-2.000%	0.00	1569.28	HB45	0.0060	1.2169	0.0000	1.751	1.784	**Left**	HB45	12.00	0.00	4.50	3.11	7.61	18.000	**OK**	0.670	0.766	2.541	2.328		1.784
↑	Grade		2086+55.00	HB45	1567.89	70.94	-2.000%	0.00	1569.31	0.00	-2.000%	0.00	1569.31	HB45	0.0060	1.2088	0.0000	1.719	1.751	**Left**	HB45	12.00	0.00	4.50	3.03	7.53	18.000	**OK**	0.663	0.755	2.525	2.319		1.751
↑	Grade		2086+60.00	HB45	1567.92	70.95	-2.000%	0.00	1569.34	0.00	-2.000%	0.00	1569.34	HB45	0.0060	1.2007	0.0000	1.686	1.719	**Left**	HB45	12.00	0.00	4.50	2.96	7.46	18.000	**OK**	0.656	0.744	2.509	2.311		1.719
↑	Grade		2086+65.00	HB45	1567.95	70.97	-2.000%	0.00	1569.37	0.00	-2.000%	0.00	1569.37	HB45	0.0060	1.1925	0.0000	1.653	1.686	**Left**	HB45	12.00	0.00	4.50	2.88	7.38	18.000	**OK**	0.649	0.733	2.492	2.301		1.686
↑	Grade		2086+70.00	HB45	1567.98	70.98	-2.000%	0.00	1569.40	0.00	-2.000%	0.00	1569.40	HB45	0.0060	1.1844	0.0000	1.621	1.653	**Left**	HB45	12.00	0.00	4.50	2.81	7.31	18.000	**OK**	0.643	0.721	2.476	2.292		1.653
↑	Grade		2086+75.00	HB45	1568.01	71.00	-2.000%	0.00	1569.43	0.00	-2.000%	0.00	1569.43	HB45	0.0060	1.1762	0.0000	1.588	1.621	**Left**	HB45	12.00	0.00	4.50	2.73	7.23	18.000	**OK**	0.636	0.710	2.459	2.283		1.621
↑	Grade		2086+80.00	HB45	1568.04	71.01	-2.000%	0.00	1569.46	0.00	-2.000%	0.00	1569.46	HB45	0.0060	1.1681	0.0000	1.555	1.588	**Left**	HB45	12.00	0.00	4.50	2.65	7.15	18.000	**OK**	0.629	0.699	2.441	2.273		1.588
↑	Grade		2086+85.00	HB45	1568.07	71.03	-2.000%	0.00	1569.49	0.00	-2.000%	0.00	1569.49	HB45	0.0060	1.1599	0.0000	1.523	1.555	**Left**	HB45	12.00	0.00	4.50	2.57	7.07	18.000	**OK**	0.621	0.687	2.424	2.263		1.555
↑	Grade		2086+90.00	HB45	1568.10	71.05	-2.000%	0.00	1569.52	0.00	-2.000%	0.00	1569.52	HB45	0.0060	1.1518	0.0000	1.490	1.523	**Left**	HB45	12.00	0.00	4.50	2.49	6.99	18.000	**OK**	0.614	0.676	2.406	2.253		1.523
↑	Grade		2086+95.00	HB45	1568.13	71.06	-2.000%	0.00	1569.55	0.00	-2.000%	0.00	1569.55	HB45	0.0060	1.1436	0.0000	1.457	1.490	**Left**	HB45	12.00	0.00	4.50	2.41	6.91	18.000	**OK**	0.607	0.665	2.388	2.242		1.490
↑	Grade		2087+00.00	HB45	1568.16	71.08	-2.000%	0.00	1569.58	0.00	-2.000%	0.00	1569.58	HB45	0.0060	1.1355	0.0000	1.425	1.457	**Left**	HB45	12.00	0.00	4.50	2.32	6.82	18.000	**OK**	0.599	0.653	2.369	2.231		1.457
↑	Grade		2087+05.00	HB45	1568.19	71.09	-2.000%	0.00	1569.61	0.00	-2.000%	0.00	1569.61	HB45	0.0060	1.1273	0.0000	1.392	1.425	**Left**	HB45	12.00	0.00	4.50	2.24	6.74	18.000	**OK**	0.592	0.642	2.350	2.220		1.425
↑	Grade		2087+10.00	HB45	1568.22	71.11	-2.000%	0.00	1569.64	0.00	-2.000%	0.00	1569.64	HB45	0.0060	1.1191	0.0000	1.359	1.392	**Left**	HB45	12.00	0.00	4.50	2.15	6.65	18.000	**OK**	0.584	0.630	2.331	2.209		1.392
↑	Grade		2087+15.00	HB45	1568.25	71.12	-2.000%	0.00	1569.67	0.00	-2.000%	0.00	1569.67	HB45	0.0060	1.1110	0.0000	1.326	1.359	**Left**	HB45	12.00	0.00	4.50	2.07	6.57	18.000	**OK**	0.576	0.619	2.312	2.197		1.359

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2087+20.00	HB45	1568.28	71.14	-2.000%	0.00	1569.70	0.00	-2.000%	0.00	1569.70	HB45	0.0060	1.1028	0.0000	1.294	1.326	**Left**	HB45	12.00	0.00	4.50	1.98	6.48	18.000	**OK**	0.568	0.607	2.292	2.185		1.326
↑	Grade		2087+25.00	HB45	1568.31	71.15	-2.000%	0.00	1569.73	0.00	-2.000%	0.00	1569.73	HB45	0.0060	1.0947	0.0000	1.261	1.294	**Left**	HB45	12.00	0.00	4.50	1.89	6.39	18.000	**OK**	0.560	0.596	2.272	2.172		1.294
↑	Grade		2087+30.00	HB45	1568.34	71.17	-2.000%	0.00	1569.76	0.00	-2.000%	0.00	1569.76	HB45	0.0060	1.0865	0.0000	1.228	1.261	**Left**	HB45	12.00	0.00	4.50	1.80	6.30	18.000	**OK**	0.552	0.584	2.251	2.159		1.261
↑	Grade		2087+35.00	HB45	1568.37	71.18	-2.000%	0.00	1569.79	0.00	-2.000%	0.00	1569.79	HB45	0.0060	1.0783	0.0000	1.196	1.228	**Left**	HB45	12.00	0.00	4.50	1.70	6.20	18.000	**OK**	0.543	0.572	2.230	2.146		1.228
↑	Grade		2087+40.00	HB45	1568.40	71.20	-2.000%	0.00	1569.82	0.00	-2.000%	0.00	1569.82	HB45	0.0060	1.0702	0.0000	1.163	1.196	**Left**	HB45	12.00	0.00	4.50	1.61	6.11	18.000	**OK**	0.535	0.561	2.208	2.132		1.196
↑	Grade		2087+45.00	HB45	1568.43	71.21	-2.000%	0.00	1569.85	0.00	-2.000%	0.00	1569.85	HB45	0.0060	1.0620	0.0000	1.130	1.163	**Left**	HB45	12.00	0.00	4.50	1.51	6.01	18.000	**OK**	0.526	0.549	2.186	2.117		1.163
↑	Grade		2087+50.00	HB45	1568.46	71.23	-2.000%	0.00	1569.88	0.00	-2.000%	0.00	1569.88	HB45	0.0060	1.0538	0.0000	1.097	1.130	**Left**	HB45	12.00	0.00	4.50	1.42	5.92	18.000	**OK**	0.518	0.538	2.164	2.102		1.130
↑	Grade		2087+55.00	HB45	1568.49	71.25	-2.000%	0.00	1569.91	0.00	-2.000%	0.00	1569.91	HB45	0.0060	1.0456	0.0000	1.064	1.097	**Left**	HB45	12.00	0.00	4.50	1.32	5.82	18.000	**OK**	0.509	0.526	2.141	2.086		1.097
↑	Grade		2087+60.00	HB45	1568.51	71.26	-2.000%	0.00	1569.94	0.00	-2.000%	0.00	1569.94	HB45	0.0060	1.0375	0.0000	1.032	1.064	**Left**	HB45	12.00	0.00	4.50	1.22	5.72	18.000	**OK**	0.499	0.514	2.118	2.070		1.064
↑	Grade		2087+65.00	HB45	1568.54	71.28	-2.000%	0.00	1569.97	0.00	-2.000%	0.00	1569.97	HB45	0.0060	1.0293	0.0000	0.999	1.032	**Left**	HB45	12.00	0.00	4.50	1.11	5.61	18.000	**OK**	0.490	0.503	2.094	2.053		1.032
↑	Grade		2087+70.00	HB45	1568.57	71.29	-2.000%	0.00	1570.00	0.00	-2.000%	0.00	1570.00	HB45	0.0060	1.0211	0.0000	0.966	0.999	**Left**	HB45	12.00	0.00	4.50	1.01	5.51	18.000	**OK**	0.481	0.491	2.069	2.035		0.999
↑	Grade		2087+75.00	HB45	1568.60	71.31	-2.000%	0.00	1570.03	0.00	-2.000%	0.00	1570.03	HB45	0.0060	1.0129	0.0000	0.933	0.966	**Left**	HB45	12.00	0.00	4.50	0.90	5.40	18.000	**OK**	0.471	0.479	2.044	2.016		0.966
↑	Grade		2087+80.00	HB45	1568.63	71.32	-2.000%	0.00	1570.06	0.00	-2.000%	0.00	1570.06	HB45	0.0060	1.0047	0.0000	0.900	0.933	**Left**	HB45	12.00	0.00	4.50	0.79	5.29	18.000	**OK**	0.461	0.468	2.019	1.996		0.933
↑	Grade		2087+85.00	HB45	1568.66	71.34	-2.000%	0.00	1570.09	0.00	-2.000%	0.00	1570.09	HB45	0.0060	0.9965	0.0000	0.868	0.900	**Left**	HB45	12.00	0.00	4.50	0.68	5.18	18.000	**OK**	0.451	0.456	1.992	1.975		0.900
↑	Grade		2087+90.00	HB45	1568.69	71.35	-2.000%	0.00	1570.12	0.00	-2.000%	0.00	1570.12	HB45	0.0060	0.9884	0.0000	0.835	0.868	**Left**	HB45	12.00	0.00	4.50	0.57	5.07	18.000	**OK**	0.441	0.444	1.965	1.953		0.868
↑	Grade		2087+95.00	HB45	1568.72	71.37	-2.000%	0.00	1570.15	0.00	-2.000%	0.00	1570.15	HB45	0.0060	0.9802	0.0000	0.802	0.835	**Left**	HB45	12.00	0.00	4.50	0.45	4.95	18.000	**OK**	0.431	0.433	1.938	1.930		0.835
↑	Grade		2088+00.00	HB45	1568.75	71.38	-2.000%	0.00	1570.18	0.00	-2.000%	0.00	1570.18	HB45	0.0060	0.9720	0.0000	0.769	0.802	**Left**	HB45	12.00	0.00	4.50	0.33	4.83	18.000	**OK**	0.420	0.421	1.910	1.905		0.802
↑	Grade		2088+05.00	HB45	1568.78	71.40	-2.000%	0.00	1570.21	0.00	-2.000%	0.00	1570.21	HB45	0.0060	0.9638	0.0000	0.736	0.769	**Left**	HB45	12.00	0.00	4.50	0.21	4.71	18.000	**OK**	0.409	0.409	1.881	1.879		0.769
↑	Grade		2088+10.00	HB45	1568.81	71.41	-2.000%	0.00	1570.24	0.00	-2.000%	0.00	1570.24	HB45	0.0060	0.9556	0.0000	0.703	0.736	**Left**	HB45	12.00	0.00	4.50	0.09	4.59	18.000	**OK**	0.398	0.398	1.851	1.851		0.736
↑	Grade		2088+15.00	HB45	1568.84	71.43	-2.000%	0.00	1570.27	0.00	-2.000%	0.00	1570.27	HB45	0.0060	0.9474	0.0000	0.671	0.703	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	1.820	1.820		0.703
↑	Grade		2088+20.00	HB45	1568.87	71.45	-2.000%	0.00	1570.30	0.00	-2.000%	0.00	1570.30	HB45	0.0060	0.9392	0.0000	0.638	0.671	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.375	0.375	1.789	1.789		0.671
↑	Grade		2088+25.00	HB45	1568.90	71.46	-2.000%	0.00	1570.33	0.00	-2.000%	0.00	1570.33	HB45	0.0060	0.9310	0.0000	0.605	0.638	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.363	0.363	1.757	1.757		0.638
↑	Grade		2088+30.00	HB45	1568.93	71.48	-2.000%	0.00	1570.36	0.00	-2.000%	0.00	1570.36	HB45	0.0060	0.9228	0.0000	0.572	0.605	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.351	0.351	1.724	1.724		0.605
↑	Grade		2088+35.00	HB45	1568.96	71.49	-2.000%	0.00	1570.39	0.00	-2.000%	0.00	1570.39	HB45	0.0060	0.9146	0.0000	0.539	0.572	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.338	0.338	1.691	1.691		0.572
↑	Grade		2088+40.00	HB45	1568.99	71.51	-2.000%	0.00	1570.42	0.00	-2.000%	0.00	1570.42	HB45	0.0060	0.9064	0.0000	0.506	0.539	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.325	0.325	1.656	1.656		0.539
↑	Grade		2088+45.00	HB45	1569.02	71.52	-2.000%	0.00	1570.45	0.00	-2.000%	0.00	1570.45	HB45	0.0060	0.8982	0.0000	0.473	0.506	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.312	0.312	1.621	1.621		0.506
↑	Grade		2088+50.00	HB45	1569.05	71.54	-2.000%	0.00	1570.48	0.00	-2.000%	0.00	1570.48	HB45	0.0060	0.8900	0.0000	0.440	0.473	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.299	0.299	1.584	1.584		0.473
↑	Grade		2088+55.00	HB45	1569.08	71.55	-2.000%	0.00	1570.51	0.00	-2.000%	0.00	1570.51	HB45	0.0060	0.8818	0.0000	0.407	0.440	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.285	0.285	1.547	1.547		0.440
↑	Grade		2088+60.00	HB45	1569.11	71.57	-2.000%	0.00	1570.54	0.00	-2.000%	0.00	1570.54	HB45	0.0060	0.8735	0.0000	0.374	0.407	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.270	0.270	1.508	1.508		0.407
↑	Grade		2088+65.00	HB45	1569.14	71.58	-2.000%	0.00	1570.57	0.00	-2.000%	0.00	1570.57	HB45	0.0060	0.8653	0.0000	0.341	0.374	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.255	0.255	1.468	1.468		0.374
↑	Grade		2088+70.00	HB45	1569.17	71.60	-2.000%	0.00	1570.60	0.00	-2.000%	0.00	1570.60	HB45	0.0060	0.8571	0.0000	0.309	0.341	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.239	0.239	1.428	1.428		0.341
↑	Grade		2088+75.00	HB45	1569.20	71.62	-2.000%	0.00	1570.63	0.00	-2.000%	0.00	1570.63	HB45	0.0060	0.8489	0.0000	0.276	0.309	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.222	0.222	1.387	1.387		0.309
↑	Grade		2088+80.00	HB45	1569.23	71.63	-2.000%	0.00	1570.66	0.00	-2.000%	0.00	1570.66	HB45	0.0060	0.8407	0.0000	0.243	0.276	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.205	0.205	1.345	1.345		0.276
↑	Grade		2088+85.00	HB45	1569.26	71.65	-2.000%	0.00	1570.69	0.00	-2.000%	0.00	1570.69	HB45	0.0060	0.8325	0.0000	0.210	0.243	**Left**	HB45	12.00	0.00	4.31	0.00	4.31	18.000	**OK**	0.186	0.186	1.303	1.303		0.243
↑	Grade		2088+90.00	HB45	1569.29	71.66	-2.000%	0.00	1570.72	0.00	-2.000%	0.00	1570.72	HB45	0.0060	0.8242	0.0000	0.177	0.210	**Left**	HB45	12.00	0.00	4.08	0.00	4.08	18.000	**OK**	0.167	0.167	1.256	1.256		0.210
↑	Grade		2088+95.00	HB45	1569.32	71.68	-2.000%	0.00	1570.75	0.00	-2.000%	0.00	1570.75	HB45	0.0060	0.8160	0.0000	0.144	0.177	**Left**	HB45	12.00	0.00	3.83	0.00	3.83	18.000	**OK**	0.147	0.147	1.204	1.204		0.177
↑	Grade	**3**	2089+00.00	HB45	1569.35	71.69	-2.000%	0.00	1570.78	0.00	-2.000%	0.00	1570.78	HB45	0.0060	0.8078	0.0000	2.050	2.083	**Left**	HB45	12.00	0.00	4.50	3.75	8.25	18.000	**OK**	0.727	0.868	2.678	2.401	3	2.083
↑	Grade		2089+05.00	HB45	1569.38	71.71	-2.000%	0.00	1570.81	0.00	-2.000%	0.00	1570.81	HB45	0.0060	0.7996	0.0000	2.017	2.050	**Left**	HB45	12.00	0.00	4.50	3.68	8.18	18.000	**OK**	0.721	0.857	2.664	2.393		2.050
↑	Grade		2089+10.00	HB45	1569.41	71.72	-2.000%	0.00	1570.84	0.00	-2.000%	0.00	1570.84	HB45	0.0060	0.7913	0.0000	1.984	2.017	**Left**	HB45	12.00	0.00	4.50	3.61	8.11	18.000	**OK**	0.715	0.846	2.649	2.386		2.017
↑	Grade		2089+15.00	HB45	1569.44	71.74	-2.000%	0.00	1570.87	0.00	-2.000%	0.00	1570.87	HB45	0.0060	0.7831	0.0000	1.951	1.984	**Left**	HB45	12.00	0.00	4.50	3.54	8.04	18.000	**OK**	0.709	0.834	2.635	2.378		1.984
↑	Grade		2089+20.00	HB45	1569.46	71.75	-2.000%	0.00	1570.90	0.00	-2.000%	0.00	1570.90	HB45	0.0060	0.7749	0.0000	1.918	1.951	**Left**	HB45	12.00	0.00	4.50	3.47	7.97	18.000	**OK**	0.703	0.823	2.620	2.370		1.951
↑	Grade		2089+25.00	HB45	1569.49	71.77	-2.000%	0.00	1570.93	0.00	-2.000%	0.00	1570.93	HB45	0.0060	0.7666	0.0000	1.885	1.918	**Left**	HB45	12.00	0.00	4.50	3.40	7.90	18.000	**OK**	0.696	0.812	2.605	2.362		1.918
↑	Grade		2089+30.00	HB45	1569.52	71.78	-2.000%	0.00	1570.96	0.00	-2.000%	0.00	1570.96	HB45	0.0060	0.7584	0.0000	1.852	1.885	**Left**	HB45	12.00	0.00	4.50	3.33	7.83	18.000	**OK**	0.690	0.801	2.589	2.354		1.885
↑	Grade		2089+35.00	HB45	1569.55	71.80	-2.000%	0.00	1570.99	0.00	-2.000%	0.00	1570.99	HB45	0.0060	0.7501	0.0000	1.819	1.852	**Left**	HB45	12.00	0.00	4.50	3.26	7.76	18.000	**OK**	0.683	0.790	2.574	2.346		1.852
↑	Grade		2089+40.00	HB45	1569.58	71.82	-2.000%	0.00	1571.02	0.00	-2.000%	0.00	1571.02	HB45	0.0060	0.7419	0.0000	1.786	1.819	**Left**	HB45	12.00	0.00	4.50	3.19	7.69	18.000	**OK**	0.677	0.778	2.558	2.337		1.819
↑	Grade		2089+45.00	HB45	1569.61	71.83	-2.000%	0.00	1571.05	0.00	-2.000%	0.00	1571.05	HB45	0.0060	0.7337	0.0000	1.753	1.786	**Left**	HB45	12.00	0.00	4.50	3.11	7.61	18.000	**OK**	0.670	0.767	2.542	2.329		1.786
↑	Grade		2089+50.00	HB45	1569.64	71.85	-2.000%	0.00	1571.08	0.00	-2.000%	0.00	1571.08	HB45	0.0060	0.7254	0.0000	1.720	1.753	**Left**	HB45	12.00	0.00	4.50	3.04	7.54	18.000	**OK**	0.663	0.756	2.526	2.320		1.753
↑	Grade		2089+55.00	HB45	1569.67	71.86	-2.000%	0.00	1571.11	0.00	-2.000%	0.00	1571.11	HB45	0.0060	0.7172	0.0000	1.687	1.720	**Left**	HB45	12.00	0.00	4.50	2.96	7.46	18.000	**OK**	0.657	0.744	2.510	2.311		1.720
↑	Grade		2089+60.00	HB45	1569.70	71.88	-2.000%	0.00	1571.14	0.00	-2.000%	0.00	1571.14	HB45	0.0060	0.7089	0.0000	1.654	1.687	**Left**	HB45	12.00	0.00	4.50	2.89	7.39	18.000	**OK**	0.650	0.733	2.493	2.302		1.687
↑	Grade		2089+65.00	HB45	1569.73	71.89	-2.000%	0.00	1571.17	0.00	-2.000%	0.00	1571.17	HB45	0.0060	0.7007	0.0000	1.621	1.654	**Left**	HB45	12.00	0.00	4.50	2.81	7.31	18.000	**OK**	0.643	0.722	2.476	2.292		1.654
↑	Grade		2089+70.00	HB45	1569.76	71.91	-2.000%	0.00	1571.20	0.00	-2.000%	0.00	1571.20	HB45	0.0060	0.6924	0.0000	1.588	1.621	**Left**	HB45	12.00	0.00	4.50	2.73	7.23	18.000	**OK**	0.636	0.710	2.459	2.283		1.621
↑	Grade		2089+75.00	HB45	1569.79	71.92	-2.000%	0.00	1571.23	0.00	-2.000%	0.00	1571.23	HB45	0.0060	0.6842	0.0000	1.555	1.588	**Left**	HB45	12.00	0.00	4.50	2.65	7.15	18.000	**OK**	0.628	0.699	2.441	2.273		1.588
↑	Grade		2089+80.00	HB45	1569.82	71.94	-2.000%	0.00	1571.26	0.00	-2.000%	0.00	1571.26	HB45	0.0060	0.6759	0.0000	1.522	1.555	**Left**	HB45	12.00	0.00	4.50	2.57	7.07	18.000	**OK**	0.621	0.687	2.423	2.263		1.555
↑	Grade		2089+85.00	HB45	1569.85	71.95	-2.000%	0.00	1571.29	0.00	-2.000%	0.00	1571.29	HB45	0.0060	0.6677	0.0000	1.489	1.522	**Left**	HB45	12.00	0.00	4.50	2.49	6.99	18.000	**OK**	0.614	0.676	2.405	2.252		1.522
↑	Grade		2089+90.00	HB45	1569.88	71.97	-2.000%	0.00	1571.32	0.00	-2.000%	0.00	1571.32	HB45	0.0060	0.6594	0.0000	1.455	1.489	**Left**	HB45	12.00	0.00	4.50	2.40	6.90	18.000	**OK**	0.606	0.664	2.387	2.242		1.489
↑	Grade		2089+95.00	HB45	1569.91	71.98	-2.000%	0.00	1571.35	0.00	-2.000%	0.00	1571.35	HB45	0.0060	0.6511	0.0000	1.422	1.455	**Left**	HB45	12.00	0.00	4.50	2.32	6.82	18.000	**OK**	0.599	0.652	2.368	2.231		1.455
↑	Grade		2090+00.00	HB45	1569.94	72.00	-2.000%	0.00	1571.38	0.00	-2.000%	0.00	1571.38	HB45	0.0060	0.6429	0.0000	1.389	1.422	**Left**	HB45	12.00	0.00	4.50	2.23	6.73	18.000	**OK**	0.591	0.641	2.349	2.219		1.422
↑	Grade		2090+05.00	HB45	1569.97	72.13	-2.000%	0.00	1571.41	0.00	-2.000%	0.00	1571.41	HB45	0.0060	0.6346	0.0000	1.356	1.389	**Left**	HB45	12.00	0.00	4.50	2.15	6.65	18.000	**OK**	0.583	0.629	2.330	2.208		1.389
↑	Grade		2090+10.00	HB45	1569.99	72.27	-2.000%	0.00	1571.44	0.00	-2.000%	0.00	1571.44	HB45	0.0060	0.6263	0.0000	1.323	1.356	**Left**	HB45	12.00	0.00	4.50	2.06	6.56	18.000	**OK**	0.575	0.618	2.310	2.196		1.356
↑	Grade		2090+15.00	HB45	1570.02	72.40	-2.000%	0.00	1571.47	0.00	-2.000%	0.00	1571.47	HB45	0.0060	0.6181	0.0000	1.289	1.323	**Left**	HB45	12.00	0.00	4.50	1.97	6.47	18.000	**OK**	0.567	0.606	2.290	2.183		1.323
↑	Grade		2090+20.00	HB45	1570.05	72.53	-2.000%	0.00	1571.50	0.00	-2.000%	0.00	1571.50	HB45	0.0060	0.6098	0.0000	1.256	1.289	**Left**	HB45	12.00	0.00	4.50	1.88	6.38	18.000	**OK**	0.559	0.594	2.269	2.170		1.289
↑	Grade		2090+25.00	HB45	1570.08	72.67	-2.000%	0.00	1571.53	0.00	-2.000%	0.00	1571.53	HB45	0.0060	0.6014	0.0000	1.223	1.256	**Left**	HB45	12.00	0.00	4.50	1.78	6.28	18.000	**OK**	0.551	0.582	2.248	2.157		1.256
↑	Grade		2090+30.00	HB45	1570.10	72.80	-2.000%	0.00	1571.56	0.00	-2.000%	0.00	1571.56	HB45	0.0060	0.5931	0.0000	1.189	1.223	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.542	0.570	2.226	2.143		1.223
↑	Grade		2090+35.00	HB45	1570.13	72.93	-2.000%	0.00	1571.59	0.00	-2.000%	0.00	1571.59	HB45	0.0060	0.5848	0.0000	1.156	1.189	**Left**	HB45	12.00	0.00	4.50	1.59	6.09	18.000	**OK**	0.533	0.559	2.204	2.129		1.189
↑	Grade		2090+40.00	HB45	1570.16	73.06	-2.000%	0.00	1571.62	0.00	-2.000%	0.00	1571.62	HB45	0.0060	0.5764	0.0000	1.122	1.156	**Left**	HB45	12.00	0.00	4.50	1.49	5.99	18.000	**OK**	0.524	0.547	2.182	2.114		1.156
↑	Grade		2090+45.00	HB45	1570.19	73.20	-2.000%	0.00	1571.65	0.00	-2.000%	0.00	1571.65	HB45	0.0060	0.5680	0.0000	1.088	1.122	**Left**	HB45	12.00	0.00	4.50	1.39	5.89	18.000	**OK**	0.515	0.535	2.159	2.098		1.122
↑	Grade		2090+50.00	HB45	1570.21	73.33	-2.000%	0.00	1571.68	0.00	-2.000%	0.00	1571.68	HB45	0.0060	0.5596	0.0000	1.055	1.088	**Left**	HB45	12.00	0.00	4.50	1.29	5.79	18.000	**OK**	0.506	0.523	2.135	2.082		1.088
↑	Grade		2090+55.00	HB45	1570.24	73.46	-2.000%	0.00	1571.71	0.00	-2.000%	0.00	1571.71	HB45	0.0060	0.5512	0.0000	1.021	1.055	**Left**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.497	0.511	2.111	2.065		1.055
↑	Grade		2090+60.00	HB45	1570.27	73.60	-2.000%	0.00	1571.74	0.00	-2.000%	0.00	1571.74	HB45	0.0060	0.5428	0.0000	0.987	1.021	**Left**	HB45	12.00	0.00	4.50	1.08	5.58	18.000	**OK**	0.487	0.499	2.086	2.047		1.021
↑	Grade		2090+65.00	HB45	1570.30	73.73	-2.000%	0.00	1571.77	0.00	-2.000%	0.00	1571.77	HB45	0.0060	0.5343	0.0000	0.953	0.987	**Left**	HB45	12.00	0.00	4.50	0.97	5.47	18.000	**OK**	0.477	0.487	2.060	2.028		0.987
↑	Grade		2090+70.00	HB45	1570.32	73.86	-2.000%	0.00	1571.80	0.00	-2.000%	0.00	1571.80	HB45	0.0060	0.5259	0.0000	0.919	0.953	**Left**	HB45	12.00	0.00	4.50	0.86	5.36	18.000	**OK**	0.467	0.475	2.034	2.008		0.953
↑	Grade		2090+75.00	HB45	1570.35	74.00	-2.000%	0.00	1571.83	0.00	-2.000%	0.00	1571.83	HB45	0.0060	0.5174	0.0000	0.885	0.919	**Left**	HB45	12.00	0.00	4.50	0.74	5.24	18.000	**OK**	0.457	0.463	2.008	1.987		0.919
↑	Grade		2090+80.00	HB45	1570.38	74.13	-2.000%	0.00	1571.86	0.00	-2.000%	0.00	1571.86	HB45	0.0060	0.5089	0.0000	0.851	0.885	**Left**	HB45	12.00	0.00	4.50	0.63	5.13	18.000	**OK**	0.447	0.450	1.980	1.965		0.885
↑	Grade		2090+85.00	HB45	1570.40	74.26	-2.000%	0.00	1571.89	0.00	-2.000%	0.00	1571.89	HB45	0.0060	0.5004	0.0000	0.817	0.851	**Left**	HB45	12.00	0.00	4.50	0.51	5.01	18.000	**OK**	0.436	0.438	1.952	1.942		0.851

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2090+90.00	HB45	1570.43	74.39	-2.000%	0.00	1571.92	0.00	-2.000%	0.00	1571.92	HB45	0.0060	0.4919	0.0000	0.783	0.817	**Left**	HB45	12.00	0.00	4.50	0.39	4.89	18.000	**OK**	0.425	0.426	1.923	1.917		0.817
↑	Grade		2090+95.00	HB45	1570.46	74.53	-2.000%	0.00	1571.95	0.00	-2.000%	0.00	1571.95	HB45	0.0060	0.4834	0.0000	0.749	0.783	**Left**	HB45	12.00	0.00	4.50	0.26	4.76	18.000	**OK**	0.414	0.414	1.893	1.890		0.783
↑	Grade		2091+00.00	HB45	1570.49	74.66	-2.000%	0.00	1571.98	0.00	-2.000%	0.00	1571.98	HB45	0.0060	0.4748	0.0000	0.714	0.749	**Left**	HB45	12.00	0.00	4.50	0.13	4.63	18.000	**OK**	0.402	0.402	1.862	1.861		0.749
↑	Grade		2091+05.00	HB45	1570.51	74.79	-2.000%	0.00	1572.01	0.00	-2.000%	0.00	1572.01	HB45	0.0060	0.4663	0.0000	0.680	0.714	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.390	0.390	1.831	1.831		0.714
↑	Grade		2091+10.00	HB45	1570.54	74.93	-2.000%	0.00	1572.04	0.00	-2.000%	0.00	1572.04	HB45	0.0060	0.4577	0.0000	0.645	0.680	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.378	0.378	1.798	1.798		0.680
↑	Grade		2091+15.00	HB45	1570.57	75.06	-2.000%	0.00	1572.07	0.00	-2.000%	0.00	1572.07	HB45	0.0060	0.4491	0.0000	0.611	0.645	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.366	0.366	1.765	1.765		0.645
↑	Grade		2091+20.00	HB45	1570.60	75.19	-2.000%	0.00	1572.10	0.00	-2.000%	0.00	1572.10	HB45	0.0060	0.4405	0.0000	0.576	0.611	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.353	0.353	1.731	1.731		0.611
↑	Grade		2091+25.00	HB45	1570.62	75.33	-2.000%	0.00	1572.13	0.00	-2.000%	0.00	1572.13	HB45	0.0060	0.4319	0.0000	0.542	0.576	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.340	0.340	1.695	1.695		0.576
↑	Grade		2091+30.00	HB45	1570.65	75.46	-2.000%	0.00	1572.16	0.00	-2.000%	0.00	1572.16	HB45	0.0060	0.4232	0.0000	0.507	0.542	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.327	0.327	1.659	1.659		0.542
↑	Grade		2091+35.00	HB45	1570.68	75.59	-2.000%	0.00	1572.19	0.00	-2.000%	0.00	1572.19	HB45	0.0060	0.4146	0.0000	0.472	0.507	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.313	0.313	1.622	1.622		0.507
↑	Grade		2091+40.00	HB45	1570.71	75.72	-2.000%	0.00	1572.22	0.00	-2.000%	0.00	1572.22	HB45	0.0060	0.4059	0.0000	0.437	0.472	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.298	0.298	1.583	1.583		0.472
↑	Grade		2091+45.00	HB45	1570.73	75.86	-2.000%	0.00	1572.25	0.00	-2.000%	0.00	1572.25	HB45	0.0060	0.3972	0.0000	0.403	0.437	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.283	0.283	1.543	1.543		0.437
↑	Grade		2091+50.00	HB45	1570.76	75.99	-2.000%	0.00	1572.28	0.00	-2.000%	0.00	1572.28	HB45	0.0060	0.3885	0.0000	0.368	0.403	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.268	0.268	1.502	1.502		0.403
↑	Grade		2091+55.00	HB45	1570.79	76.12	-2.000%	0.00	1572.31	0.00	-2.000%	0.00	1572.31	HB45	0.0060	0.3798	0.0000	0.333	0.368	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.252	0.252	1.460	1.460		0.368
↑	Grade		2091+60.00	HB45	1570.81	76.26	-2.000%	0.00	1572.34	0.00	-2.000%	0.00	1572.34	HB45	0.0060	0.3711	0.0000	0.298	0.333	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.235	0.235	1.417	1.417		0.333
↑	Grade		2091+65.00	HB45	1570.84	76.39	-2.000%	0.00	1572.37	0.00	-2.000%	0.00	1572.37	HB45	0.0060	0.3623	0.0000	0.262	0.298	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.217	0.217	1.373	1.373		0.298
↑	Grade		2091+70.00	HB45	1570.87	76.52	-2.000%	0.00	1572.40	0.00	-2.000%	0.00	1572.40	HB45	0.0060	0.3536	0.0000	0.227	0.262	**Left**	HB45	12.00	0.00	4.44	0.00	4.44	18.000	**OK**	0.197	0.197	1.329	1.329		0.262
↑	Grade		2091+75.00	HB45	1570.90	76.66	-2.000%	0.00	1572.43	0.00	-2.000%	0.00	1572.43	HB45	0.0060	0.3448	0.0000	0.192	0.227	**Left**	HB45	12.00	0.00	4.21	0.00	4.21	18.000	**OK**	0.177	0.177	1.282	1.282		0.227
↑	Grade		2091+80.00	HB45	1570.92	76.79	-2.000%	0.00	1572.46	0.00	-2.000%	0.00	1572.46	HB45	0.0060	0.3360	0.0000	0.157	0.192	**Left**	HB45	12.00	0.00	3.95	0.00	3.95	18.000	**OK**	0.156	0.156	1.229	1.229		0.192
↑	Grade		2091+85.00	HB45	1570.95	76.92	-2.000%	0.00	1572.49	0.00	-2.000%	0.00	1572.49	HB45	0.0060	0.3272	0.0000	0.121	0.157	**Left**	HB45	12.00	0.00	3.66	0.00	3.66	18.000	**OK**	0.134	0.134	1.168	1.168		0.157
↑	Grade		2091+90.00	HB45	1570.98	77.05	-2.000%	0.00	1572.52	0.00	-2.000%	0.00	1572.52	HB45	0.0060	0.3184	0.0000	0.086	0.121	**Left**	HB45	12.00	0.00	3.33	0.00	3.33	18.000	**OK**	0.111	0.111	1.096	1.096		0.121
↑	Grade		2091+95.00	HB45	1571.01	77.19	-2.000%	0.00	1572.55	0.00	-2.000%	0.00	1572.55	HB45	0.0060	0.3095	0.0000	0.050	0.086	**Left**	HB45	12.00	0.00	2.92	0.00	2.92	18.000	**OK**	0.085	0.085	1.005	1.005		0.086
↑	Grade	**3**	2092+00.00	HB45	1571.03	77.32	-2.000%	0.00	1572.58	0.00	-2.000%	0.00	1572.58	HB45	0.0060	0.3007	0.0000	1.499	1.535	**Left**	HB45	12.00	0.00	4.50	2.52	7.02	18.000	**OK**	0.617	0.680	2.413	2.256	3	1.535
↑	Grade		2092+05.00	HB45	1571.06	77.45	-2.000%	0.00	1572.61	0.00	-2.000%	0.00	1572.61	HB45	0.0060	0.2918	0.0000	1.464	1.499	**Left**	HB45	12.00	0.00	4.50	2.43	6.93	18.000	**OK**	0.609	0.668	2.393	2.245		1.499
↑	Grade		2092+10.00	HB45	1571.09	77.59	-2.000%	0.00	1572.64	0.00	-2.000%	0.00	1572.64	HB45	0.0060	0.2829	0.0000	1.428	1.464	**Left**	HB45	12.00	0.00	4.50	2.34	6.84	18.000	**OK**	0.601	0.655	2.373	2.233		1.464
↑	Grade		2092+15.00	HB45	1571.12	77.72	-2.000%	0.00	1572.67	0.00	-2.000%	0.00	1572.67	HB45	0.0060	0.2740	0.0000	1.392	1.428	**Left**	HB45	12.00	0.00	4.50	2.25	6.75	18.000	**OK**	0.592	0.643	2.352	2.221		1.428
↑	Grade		2092+20.00	HB45	1571.14	77.85	-2.000%	0.00	1572.70	0.00	-2.000%	0.00	1572.70	HB45	0.0060	0.2651	0.0000	1.357	1.392	**Left**	HB45	12.00	0.00	4.50	2.15	6.65	18.000	**OK**	0.584	0.630	2.331	2.209		1.392
↑	Grade		2092+25.00	HB45	1571.17	77.99	-2.000%	0.00	1572.73	0.00	-2.000%	0.00	1572.73	HB45	0.0060	0.2562	0.0000	1.321	1.357	**Left**	HB45	12.00	0.00	4.50	2.06	6.56	18.000	**OK**	0.575	0.618	2.310	2.196		1.357
↑	Grade		2092+30.00	HB45	1571.20	78.12	-2.000%	0.00	1572.76	0.00	-2.000%	0.00	1572.76	HB45	0.0060	0.2473	0.0000	1.285	1.321	**Left**	HB45	12.00	0.00	4.50	1.96	6.46	18.000	**OK**	0.567	0.605	2.288	2.183		1.321
↑	Grade		2092+35.00	HB45	1571.22	78.25	-2.000%	0.00	1572.79	0.00	-2.000%	0.00	1572.79	HB45	0.0060	0.2383	0.0000	1.249	1.285	**Left**	HB45	12.00	0.00	4.50	1.86	6.36	18.000	**OK**	0.558	0.592	2.266	2.169		1.285
↑	Grade		2092+40.00	HB45	1571.25	78.38	-2.000%	0.00	1572.82	0.00	-2.000%	0.00	1572.82	HB45	0.0060	0.2293	0.0000	1.213	1.249	**Left**	HB45	12.00	0.00	4.50	1.76	6.26	18.000	**OK**	0.549	0.580	2.243	2.154		1.249
↑	Grade		2092+45.00	HB45	1571.28	78.52	-2.000%	0.00	1572.85	0.00	-2.000%	0.00	1572.85	HB45	0.0060	0.2203	0.0000	1.177	1.213	**Left**	HB45	12.00	0.00	4.50	1.66	6.16	18.000	**OK**	0.539	0.567	2.220	2.139		1.213
↑	Grade		2092+50.00	HB45	1571.31	78.65	-2.000%	0.00	1572.88	0.00	-2.000%	0.00	1572.88	HB45	0.0060	0.2113	0.0000	1.140	1.177	**Left**	HB45	12.00	0.00	4.50	1.55	6.05	18.000	**OK**	0.530	0.554	2.196	2.123		1.177
↑	Grade		2092+55.00	HB45	1571.33	78.78	-2.000%	0.00	1572.91	0.00	-2.000%	0.00	1572.91	HB45	0.0060	0.2023	0.0000	1.104	1.140	**Left**	HB45	12.00	0.00	4.50	1.45	5.95	18.000	**OK**	0.520	0.541	2.171	2.107		1.140
↑	Grade		2092+60.00	HB45	1571.36	78.92	-2.000%	0.00	1572.94	0.00	-2.000%	0.00	1572.94	HB45	0.0060	0.1933	0.0000	1.068	1.104	**Left**	HB45	12.00	0.00	4.50	1.34	5.84	18.000	**OK**	0.510	0.528	2.146	2.090		1.104
↑	Grade		2092+65.00	HB45	1571.39	79.05	-2.000%	0.00	1572.97	0.00	-2.000%	0.00	1572.97	HB45	0.0060	0.1842	0.0000	1.032	1.068	**Left**	HB45	12.00	0.00	4.50	1.23	5.73	18.000	**OK**	0.500	0.515	2.120	2.072		1.068
↑	Grade		2092+70.00	HB45	1571.42	79.18	-2.000%	0.00	1573.00	0.00	-2.000%	0.00	1573.00	HB45	0.0060	0.1752	0.0000	0.995	1.032	**Left**	HB45	12.00	0.00	4.50	1.11	5.61	18.000	**OK**	0.490	0.503	2.094	2.053		1.032
↑	Grade		2092+75.00	HB45	1571.44	79.32	-2.000%	0.00	1573.03	0.00	-2.000%	0.00	1573.03	HB45	0.0060	0.1661	0.0000	0.959	0.995	**Left**	HB45	12.00	0.00	4.50	1.00	5.50	18.000	**OK**	0.480	0.490	2.067	2.033		0.995
↑	Grade		2092+80.00	HB45	1571.47	79.45	-2.000%	0.00	1573.06	0.00	-2.000%	0.00	1573.06	HB45	0.0060	0.1570	0.0000	0.922	0.959	**Left**	HB45	12.00	0.00	4.50	0.88	5.38	18.000	**OK**	0.469	0.477	2.039	2.012		0.959
↑	Grade		2092+85.00	HB45	1571.50	79.58	-2.000%	0.00	1573.09	0.00	-2.000%	0.00	1573.09	HB45	0.0060	0.1479	0.0000	0.886	0.922	**Left**	HB45	12.00	0.00	4.50	0.75	5.25	18.000	**OK**	0.458	0.464	2.010	1.989		0.922
↑	Grade		2092+90.00	HB45	1571.53	79.72	-2.000%	0.00	1573.12	0.00	-2.000%	0.00	1573.12	HB45	0.0060	0.1387	0.0000	0.849	0.886	**Left**	HB45	12.00	0.00	4.50	0.63	5.13	18.000	**OK**	0.447	0.451	1.980	1.965		0.886
↑	Grade		2092+95.00	HB45	1571.55	79.85	-2.000%	0.00	1573.15	0.00	-2.000%	0.00	1573.15	HB45	0.0060	0.1296	0.0000	0.812	0.849	**Left**	HB45	12.00	0.00	4.50	0.50	5.00	18.000	**OK**	0.435	0.438	1.950	1.940		0.849
↑	Grade		2093+00.00	HB45	1571.58	79.98	-2.000%	0.00	1573.18	0.00	-2.000%	0.00	1573.18	HB45	0.0060	0.1204	0.0000	0.775	0.812	**Left**	HB45	12.00	0.00	4.50	0.37	4.87	18.000	**OK**	0.423	0.425	1.919	1.913		0.812
↑	Grade		2093+05.00	HB45	1571.61	80.11	-2.000%	0.00	1573.21	0.00	-2.000%	0.00	1573.21	HB45	0.0060	0.1113	0.0000	0.739	0.775	**Left**	HB45	12.00	0.00	4.50	0.23	4.73	18.000	**OK**	0.411	0.412	1.886	1.884		0.775
↑	Grade		2093+10.00	HB45	1571.64	80.25	-2.000%	0.00	1573.24	0.00	-2.000%	0.00	1573.24	HB45	0.0060	0.1021	0.0000	0.702	0.739	**Left**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.399	0.399	1.853	1.853		0.739
↑	Grade		2093+15.00	HB45	1571.66	80.38	-2.000%	0.00	1573.27	0.00	-2.000%	0.00	1573.27	HB45	0.0060	0.0929	0.0000	0.665	0.702	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	1.819	1.819		0.702
↑	Grade		2093+20.00	HB45	1571.69	80.51	-2.000%	0.00	1573.30	0.00	-2.000%	0.00	1573.30	HB45	0.0060	0.0837	0.0000	0.628	0.665	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	1.784	1.784		0.665
↑	Grade		2093+25.00	HB45	1571.72	80.65	-2.000%	0.00	1573.33	0.00	-2.000%	0.00	1573.33	HB45	0.0060	0.0744	0.0000	0.591	0.628	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.359	0.359	1.747	1.747		0.628
↑	Grade		2093+30.00	HB45	1571.74	80.78	-2.000%	0.00	1573.36	0.00	-2.000%	0.00	1573.36	HB45	0.0060	0.0652	0.0000	0.554	0.591	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.345	0.345	1.710	1.710		0.591
↑	Grade		2093+35.00	HB45	1571.77	80.91	-2.000%	0.00	1573.39	0.00	-2.000%	0.00	1573.39	HB45	0.0060	0.0559	0.0000	0.516	0.554	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.331	0.331	1.672	1.672		0.554
↑	Grade		2093+40.00	HB45	1571.80	81.05	-2.000%	0.00	1573.42	0.00	-2.000%	0.00	1573.42	HB45	0.0060	0.0466	0.0000	0.479	0.516	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.316	0.316	1.632	1.632		0.516
↑	Grade		2093+45.00	HB45	1571.83	81.18	-2.000%	0.00	1573.45	0.00	-2.000%	0.00	1573.45	HB45	0.0060	0.0373	0.0000	0.442	0.479	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.301	0.301	1.591	1.591		0.479
↑	Grade		2093+50.00	HB45	1571.85	81.31	-2.000%	0.00	1573.48	0.00	-2.000%	0.00	1573.48	HB45	0.0060	0.0280	0.0000	0.404	0.442	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.285	0.285	1.548	1.548		0.442
↑	Grade		2093+55.00	HB45	1571.88	81.44	-2.000%	0.00	1573.51	0.00	-2.000%	0.00	1573.51	HB45	0.0060	0.0187	0.0000	0.367	0.404	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.269	0.269	1.504	1.504		0.404
↑	Grade		2093+60.00	HB45	1571.91	81.58	-2.000%	0.00	1573.54	0.00	-2.000%	0.00	1573.54	HB45	0.0060	0.0094	0.0000	0.329	0.367	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.251	0.251	1.459	1.459		0.367
↑	Grade		2093+65.00	HB45	1571.91	81.71	-2.000%	0.00	1573.54	0.00	-2.000%	0.00	1573.54	HB45	0.0000	2.4007	0.0000	0.292	0.329	**Left**	HB45	12.00	0.00	0.00	0.00	0.00	18.000	**OK**	0.000	0.000	#DIV/0!	#DIV/0!		0.329
↑	Grade		2093+70.00	HB45	1571.93	81.84	-2.000%	0.00	1573.57	0.00	-2.000%	0.00	1573.57	HB45	0.0061	2.3913	0.0000	0.254	0.292	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.213	0.213	1.371	1.371		0.292
↑	Grade		2093+75.00	HB45	1571.96	81.98	-2.000%	0.00	1573.60	0.00	-2.000%	0.00	1573.60	HB45	0.0062	2.3819	0.0000	0.217	0.254	**Left**	HB45	12.00	0.00	4.37	0.00	4.37	18.000	**OK**	0.191	0.191	1.333	1.333		0.254
↑	Grade		2093+80.00	HB45	1571.99	82.11	-2.000%	0.00	1573.63	0.00	-2.000%	0.00	1573.63	HB45	0.0063	2.3725	0.0000	0.179	0.217	**Left**	HB45	12.00	0.00	4.10	0.00	4.10	18.000	**OK**	0.168	0.168	1.290	1.290		0.217
↑	Grade		2093+85.00	HB45	1572.02	82.24	-2.000%	0.00	1573.66	0.00	-2.000%	0.00	1573.66	HB45	0.0064	2.3631	0.0000	0.141	0.179	**Left**	HB45	12.00	0.00	3.80	0.00	3.80	18.000	**OK**	0.144	0.144	1.238	1.238		0.179
↑	Grade		2093+90.00	HB45	1572.05	82.38	-2.000%	0.00	1573.70	0.00	-2.000%	0.00	1573.70	HB45	0.0065	2.3537	0.0000	0.103	0.141	**Left**	HB45	12.00	0.00	3.46	0.00	3.46	18.000	**OK**	0.120	0.120	1.175	1.175		0.141
↑	Grade		2093+95.00	HB45	1572.08	82.51	-2.000%	0.00	1573.73	0.00	-2.000%	0.00	1573.73	HB45	0.0067	2.3442	0.0000	0.065	0.103	**Left**	HB45	12.00	0.00	3.07	0.00	3.07	18.000	**OK**	0.094	0.094	1.094	1.094		0.103
↑	Grade		2094+00.00	HB45	1572.11	82.64	-2.000%	0.00	1573.76	0.00	-2.000%	0.00	1573.76	HB45	0.0068	2.3348	0.0000	0.027	0.065	**Left**	HB45	12.00	0.00	2.58	0.00	2.58	18.000	**OK**	0.066	0.066	0.982	0.982		0.065
↑	Grade	**3**	2094+05.00	HB45	1572.14	82.77	-2.000%	0.00	1573.80	0.00	-2.000%	0.00	1573.80	HB45	0.0069	2.3253	0.0000	1.371	1.409	**Left**	HB45	12.00	0.00	4.50	1.95	6.45	18.000	**OK**	0.565	0.603	2.449	2.337	3	1.409
↑	Grade		2094+10.00	HB45	1572.18	82.91	-2.000%	0.00	1573.83	0.00	-2.000%	0.00	1573.83	HB45	0.0070	2.3158	0.0000	1.333	1.371	**Left**	HB45	12.00	0.00	4.50	1.82	6.32	18.000	**OK**	0.554	0.587	2.438	2.337		1.371
↑	Grade		2094+15.00	HB45	1572.21	83.04	-2.000%	0.00	1573.87	0.00	-2.000%	0.00	1573.87	HB45	0.0071	2.3063	0.0000	1.295	1.333	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.542	0.571	2.427	2.336		1.333
↑	Grade		2094+20.00	HB45	1572.24	83.17	-2.000%	0.00	1573.91	0.00	-2.000%	0.00	1573.91	HB45	0.0072	2.2968	0.0000	1.257	1.295	**Left**	HB45	12.00	0.00	4.50	1.56	6.06	18.000	**OK**	0.530	0.555	2.415	2.335		1.295
↑	Grade		2094+25.00	HB45	1572.28	83.31	-2.000%	0.00	1573.94	0.00	-2.000%	0.00	1573.94	HB45	0.0074	2.2872	0.0000	1.218	1.257	**Left**	HB45	12.00	0.00	4.50	1.43	5.93	18.000	**OK**	0.519	0.539	2.401	2.331		1.257
↑	Grade		2094+30.00	HB45	1572.31	83.44	-2.000%	0.00	1573.98	0.00	-2.000%	0.00	1573.98	HB45	0.0075	2.2777	0.0000	1.180	1.218	**Left**	HB45	12.00	0.00	4.50	1.30	5.80	18.000	**OK**	0.507	0.524	2.387	2.327		1.218
↑	Grade		2094+35.00	HB45	1572.35	83.57	-2.000%	0.00	1574.02	0.00	-2.000%	0.00	1574.02	HB45	0.0076	2.2681	0.0000	1.142	1.180	**Left**	HB45	12.00	0.00	4.50	1.16	5.66	18.000	**OK**	0.495	0.508	2.371	2.321		1.180
↑	Grade		2094+40.00	HB45	1572.38	83.71	-2.000%	0.00	1574.06	0.00	-2.000%	0.00	1574.06	HB45	0.0077	2.2585	0.0000	1.103	1.142	**Left**	HB45	12.00	0.00	4.50	1.03	5.53	18.000	**OK**	0.483	0.493	2.354	2.313		1.142
↑	Grade		2094+45.00	HB45	1572.42	83.84	-2.000%	0.00	1574.10	0.00	-2.000%	0.00	1574.10	HB45	0.0078	2.2489	0.0000	1.065	1.103	**Left**	HB45	12.00	0.00	4.50	0.90	5.40	18.000	**OK**	0.471	0.479	2.336	2.304		1.103
↑	Grade		2094+50.00	HB45	1572.46	83.97	-2.000%	0.00	1574.14	0.00	-2.000%	0.00	1574.14	HB45	0.0080	2.2393	0.0000	1.026	1.065	**Left**	HB45	12.00	0.00	4.50	0.76	5.26	18.000	**OK**	0.458	0.464	2.317	2.293		1.065
↑	Grade		2094+55.00	HB45	1572.49	84.10	-2.000%	0.00	1574.18	0.00	-2.000%	0.00	1574.18	HB45	0.0081	2.2297	0.0000	0.987	1.026	**Left**	HB45	12.00	0.00	4.50	0.62	5.12	18.000	**OK**	0.446	0.450	2.297	2.280		1.026

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2094+60.00	HB45	1572.53	84.24	-2.000%	0.00	1574.22	0.00	-2.000%	0.00	1574.22	HB45	0.0082	2.2200	0.0000	0.949	0.987	**Left**	HB45	12.00	0.00	4.50	0.48	4.98	18.000	**OK**	0.434	0.436	2.275	2.264		0.987
↑	Grade		2094+65.00	HB45	1572.57	84.37	-2.000%	0.00	1574.26	0.00	-2.000%	0.00	1574.26	HB45	0.0083	2.2104	0.0000	0.910	0.949	**Left**	HB45	12.00	0.00	4.50	0.34	4.84	18.000	**OK**	0.421	0.422	2.252	2.247		0.949
↑	Grade		2094+70.00	HB45	1572.61	84.50	-2.000%	0.00	1574.30	0.00	-2.000%	0.00	1574.30	HB45	0.0084	2.2007	0.0000	0.871	0.910	**Left**	HB45	12.00	0.00	4.50	0.20	4.70	18.000	**OK**	0.408	0.409	2.228	2.226		0.910
↑	Grade		2094+75.00	HB45	1572.65	84.64	-2.000%	0.00	1574.34	0.00	-2.000%	0.00	1574.34	HB45	0.0086	2.1910	0.0000	0.832	0.871	**Left**	HB45	12.00	0.00	4.50	0.06	4.56	18.000	**OK**	0.395	0.395	2.203	2.202		0.871
↑	Grade		2094+80.00	HB45	1572.69	84.77	-2.000%	0.00	1574.39	0.00	-2.000%	0.00	1574.39	HB45	0.0087	2.1813	0.0000	0.793	0.832	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	2.176	2.176		0.832
↑	Grade		2094+85.00	HB45	1572.73	84.90	-2.000%	0.00	1574.43	0.00	-2.000%	0.00	1574.43	HB45	0.0088	2.1716	0.0000	0.754	0.793	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.369	0.369	2.148	2.148		0.793
↑	Grade		2094+90.00	HB45	1572.78	85.04	-2.000%	0.00	1574.48	0.00	-2.000%	0.00	1574.48	HB45	0.0089	2.1618	0.0000	0.715	0.754	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.356	0.356	2.119	2.119		0.754
↑	Grade		2094+95.00	HB45	1572.82	85.17	-2.000%	0.00	1574.52	0.00	-2.000%	0.00	1574.52	HB45	0.0090	2.1521	0.0000	0.676	0.715	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.342	0.342	2.088	2.088		0.715
↑	Grade		2095+00.00	HB45	1572.86	85.30	-2.000%	0.00	1574.57	0.00	-2.000%	0.00	1574.57	HB45	0.0092	2.1423	0.0000	0.636	0.676	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.329	0.329	2.056	2.056		0.676
↑	Grade		2095+05.00	HB45	1572.90	85.43	-2.000%	0.00	1574.61	0.00	-2.000%	0.00	1574.61	HB45	0.0093	2.1325	0.0000	0.597	0.636	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.315	0.315	2.023	2.023		0.636
↑	Grade		2095+10.00	HB45	1572.95	85.57	-2.000%	0.00	1574.66	0.00	-2.000%	0.00	1574.66	HB45	0.0094	2.1227	0.0000	0.558	0.597	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.300	0.300	1.988	1.988		0.597
↑	Grade		2095+15.00	HB45	1572.99	85.70	-2.000%	0.00	1574.71	0.00	-2.000%	0.00	1574.71	HB45	0.0095	2.1129	0.0000	0.518	0.558	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.286	0.286	1.951	1.951		0.558
↑	Grade		2095+20.00	HB45	1573.04	85.83	-2.000%	0.00	1574.76	0.00	-2.000%	0.00	1574.76	HB45	0.0096	2.1031	0.0000	0.479	0.518	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.271	0.271	1.913	1.913		0.518
↑	Grade		2095+25.00	HB45	1573.09	85.97	-2.000%	0.00	1574.80	0.00	-2.000%	0.00	1574.80	HB45	0.0097	2.0932	0.0000	0.439	0.479	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.256	0.256	1.874	1.874		0.479
↑	Grade		2095+30.00	HB45	1573.13	86.10	-2.000%	0.00	1574.85	0.00	-2.000%	0.00	1574.85	HB45	0.0099	2.0834	0.0000	0.400	0.439	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.240	0.240	1.833	1.833		0.439
↑	Grade		2095+35.00	HB45	1573.18	86.23	-2.000%	0.00	1574.90	0.00	-2.000%	0.00	1574.90	HB45	0.0100	2.0735	0.0000	0.360	0.400	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.223	0.223	1.791	1.791		0.400
↑	Grade		2095+40.00	HB45	1573.23	86.37	-2.000%	0.00	1574.95	0.00	-2.000%	0.00	1574.95	HB45	0.0101	2.0636	0.0000	0.320	0.360	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.206	0.206	1.749	1.749		0.360
↑	Grade		2095+45.00	HB45	1573.28	86.50	-2.000%	0.00	1575.01	0.00	-2.000%	0.00	1575.01	HB45	0.0102	2.0537	0.0000	0.281	0.320	**Left**	HB45	12.00	0.00	4.33	0.00	4.33	18.000	**OK**	0.188	0.188	1.706	1.706		0.320
↑	Grade		2095+50.00	HB45	1573.32	86.63	-2.000%	0.00	1575.06	0.00	-2.000%	0.00	1575.06	HB45	0.0103	2.0438	0.0000	0.241	0.281	**Left**	HB45	12.00	0.00	4.12	0.00	4.12	18.000	**OK**	0.169	0.169	1.658	1.658		0.281
↑	Grade		2095+55.00	HB45	1573.37	86.76	-2.000%	0.00	1575.11	0.00	-2.000%	0.00	1575.11	HB45	0.0105	2.0338	0.0000	0.201	0.241	**Left**	HB45	12.00	0.00	3.88	0.00	3.88	18.000	**OK**	0.150	0.150	1.602	1.602		0.241
↑	Grade		2095+60.00	HB45	1573.42	86.90	-2.000%	0.00	1575.16	0.00	-2.000%	0.00	1575.16	HB45	0.0106	2.0239	0.0000	0.161	0.201	**Left**	HB45	12.00	0.00	3.62	0.00	3.62	18.000	**OK**	0.131	0.131	1.538	1.538		0.201
↑	Grade		2095+65.00	HB45	1573.47	87.03	-2.000%	0.00	1575.22	0.00	-2.000%	0.00	1575.22	HB45	0.0107	2.0139	0.0000	0.121	0.161	**Left**	HB45	12.00	0.00	3.32	0.00	3.32	18.000	**OK**	0.110	0.110	1.461	1.461		0.161
↑	Grade		2095+70.00	HB45	1573.53	87.16	-2.000%	0.00	1575.27	0.00	-2.000%	0.00	1575.27	HB45	0.0108	2.0039	0.0000	0.081	0.121	**Left**	HB45	12.00	0.00	2.98	0.00	2.98	18.000	**OK**	0.089	0.089	1.366	1.366		0.121
↑	Grade		2095+75.00	HB45	1573.58	87.30	-2.000%	0.00	1575.32	0.00	-2.000%	0.00	1575.32	HB45	0.0109	1.9939	0.0000	0.041	0.081	**Left**	HB45	12.00	0.00	2.55	0.00	2.55	18.000	**OK**	0.065	0.065	1.240	1.240		0.081
↑	Grade		2095+80.00	HB45	1573.63	87.43	-2.000%	0.00	1575.38	0.00	-2.000%	0.00	1575.38	HB45	0.0111	1.9839	0.0000	0.001	0.041	**Left**	HB45	12.00	0.00	1.97	0.00	1.97	18.000	**OK**	0.039	0.039	1.049	1.049		0.041
↑	Grade	**3**	2095+85.00	HB45	1574.24	59.53	-2.000%	0.00	1575.44	0.00	-2.000%	0.00	1575.44	HB45	0.0112	1.9739	0.0000	1.094	1.128	**Left**	HB45	12.00	0.00	4.50	0.42	4.92	18.000	**OK**	0.428	0.430	2.635	2.625	3	1.128
↑	Grade		2095+90.00	HB45	1574.30	59.52	-2.000%	0.00	1575.49	0.00	-2.000%	0.00	1575.49	HB45	0.0113	1.9655	0.0000	1.067	1.094	**Left**	HB45	12.00	0.00	4.50	0.32	4.82	18.000	**OK**	0.418	0.419	2.615	2.609		1.094
↑	Grade		2095+95.00	HB45	1574.36	59.52	-2.000%	0.00	1575.55	0.00	-2.000%	0.00	1575.55	HB45	0.0114	1.9586	0.0000	1.040	1.067	**Left**	HB45	12.00	0.00	4.50	0.23	4.73	18.000	**OK**	0.410	0.411	2.599	2.596		1.067
↑	Grade		2096+00.00	HB45	1574.42	59.51	-2.000%	0.00	1575.61	0.00	-2.000%	0.00	1575.61	HB45	0.0115	1.9518	0.0000	1.012	1.040	**Left**	HB45	12.00	0.00	4.50	0.14	4.64	18.000	**OK**	0.402	0.403	2.583	2.582		1.040
↑	Grade		2096+05.00	HB45	1574.47	59.50	-2.000%	0.00	1575.66	0.00	-2.000%	0.00	1575.66	HB45	0.0116	1.9450	0.0000	0.985	1.012	**Left**	HB45	12.00	0.00	4.50	0.05	4.55	18.000	**OK**	0.394	0.394	2.566	2.566		1.012
↑	Grade		2096+10.00	HB45	1574.53	59.49	-2.000%	0.00	1575.72	0.00	-2.000%	0.00	1575.72	HB45	0.0118	1.9381	0.0000	0.957	0.985	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	2.549	2.549		0.985
↑	Grade		2096+15.00	HB45	1574.59	59.49	-2.000%	0.00	1575.78	0.00	-2.000%	0.00	1575.78	HB45	0.0119	1.9313	0.0000	0.930	0.957	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.378	0.378	2.531	2.531		0.957
↑	Grade		2096+20.00	HB45	1574.65	59.48	-2.000%	0.00	1575.84	0.00	-2.000%	0.00	1575.84	HB45	0.0120	1.9245	0.0000	0.903	0.930	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.370	0.370	2.513	2.513		0.930
↑	Grade		2096+25.00	HB45	1574.71	59.47	-2.000%	0.00	1575.90	0.00	-2.000%	0.00	1575.90	HB45	0.0121	1.9177	0.0000	0.875	0.903	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.362	0.362	2.494	2.494		0.903
↑	Grade		2096+30.00	HB45	1574.78	59.46	-2.000%	0.00	1575.96	0.00	-2.000%	0.00	1575.96	HB45	0.0122	1.9108	0.0000	0.848	0.875	**Left**	HB45	12.00	0.00	4.50	0.42	4.92	18.000	**OK**	0.354	0.354	2.475	2.475		0.875
↑	Grade		2096+35.00	HB45	1574.84	59.46	-2.000%	0.00	1576.03	0.00	-2.000%	0.00	1576.03	HB45	0.0124	1.9040	0.0000	0.821	0.848	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.345	0.345	2.455	2.455		0.848
↑	Grade		2096+40.00	HB45	1574.90	59.45	-2.000%	0.00	1576.09	0.00	-2.000%	0.00	1576.09	HB45	0.0125	1.8972	0.0000	0.793	0.821	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.337	0.337	2.434	2.434		0.821
↑	Grade		2096+45.00	HB45	1574.96	59.44	-2.000%	0.00	1576.15	0.00	-2.000%	0.00	1576.15	HB45	0.0126	1.8904	0.0000	0.766	0.793	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.329	0.329	2.413	2.413		0.793
↑	Grade		2096+50.00	HB45	1575.03	59.43	-2.000%	0.00	1576.22	0.00	-2.000%	0.00	1576.22	HB45	0.0127	1.8835	0.0000	0.738	0.766	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.320	0.320	2.391	2.391		0.766
↑	Grade		2096+55.00	HB45	1575.09	59.43	-2.000%	0.00	1576.28	0.00	-2.000%	0.00	1576.28	HB45	0.0128	1.8767	0.0000	0.711	0.738	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.312	0.312	2.369	2.369		0.738
↑	Grade		2096+60.00	HB45	1575.16	59.42	-2.000%	0.00	1576.34	0.00	-2.000%	0.00	1576.34	HB45	0.0130	1.8699	0.0000	0.684	0.711	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.303	0.303	2.346	2.346		0.711
↑	Grade		2096+65.00	HB45	1575.22	59.41	-2.000%	0.00	1576.41	0.00	-2.000%	0.00	1576.41	HB45	0.0131	1.8631	0.0000	0.656	0.684	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.294	0.294	2.322	2.322		0.684
↑	Grade		2096+70.00	HB45	1575.29	59.40	-2.000%	0.00	1576.48	0.00	-2.000%	0.00	1576.48	HB45	0.0132	1.8563	0.0000	0.629	0.656	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.286	0.286	2.298	2.298		0.656
↑	Grade		2096+75.00	HB45	1575.35	59.40	-2.000%	0.00	1576.54	0.00	-2.000%	0.00	1576.54	HB45	0.0133	1.8494	0.0000	0.602	0.629	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.277	0.277	2.273	2.273		0.629
↑	Grade		2096+80.00	HB45	1575.42	59.39	-2.000%	0.00	1576.61	0.00	-2.000%	0.00	1576.61	HB45	0.0134	1.8426	0.0000	0.574	0.602	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.268	0.268	2.247	2.247		0.602
↑	Grade		2096+85.00	HB45	1575.49	59.38	-2.000%	0.00	1576.68	0.00	-2.000%	0.00	1576.68	HB45	0.0135	1.8358	0.0000	0.547	0.574	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	2.221	2.221		0.574
↑	Grade	**3**	2096+90.00	HB45	1575.56	59.37	-2.000%	0.00	1576.75	0.00	-2.000%	0.00	1576.75	HB45	0.0137	1.8290	0.0000	3.900	3.927	**Left**	HB45	12.00	0.00	4.50	4.73	9.23	18.000	**OK**	0.816	1.039	4.350	3.780	3	3.927
↑	Grade		2096+95.00	HB45	1575.63	59.37	-2.000%	0.00	1576.81	0.00	-2.000%	0.00	1576.81	HB45	0.0138	1.8222	0.0000	3.873	3.900	**Left**	HB45	12.00	0.00	4.50	4.68	9.18	18.000	**OK**	0.811	1.030	4.353	3.788		3.900
↑	Grade		2097+00.00	HB45	1575.70	59.36	-2.000%	0.00	1576.88	0.00	-2.000%	0.00	1576.88	HB45	0.0139	1.8153	0.0000	3.846	3.873	**Left**	HB45	12.00	0.00	4.50	4.62	9.12	18.000	**OK**	0.806	1.020	4.355	3.796		3.873
↑	Grade		2097+05.00	HB45	1575.77	59.35	-2.000%	0.00	1576.95	0.00	-2.000%	0.00	1576.95	HB45	0.0140	1.8085	0.0000	3.818	3.846	**Left**	HB45	12.00	0.00	4.50	4.57	9.07	18.000	**OK**	0.802	1.011	4.358	3.804		3.846
↑	Grade		2097+10.00	HB45	1575.84	59.35	-2.000%	0.00	1577.03	0.00	-2.000%	0.00	1577.03	HB45	0.0141	1.8017	0.0000	3.791	3.818	**Left**	HB45	12.00	0.00	4.50	4.52	9.02	18.000	**OK**	0.797	1.002	4.360	3.812		3.818
↑	Grade		2097+15.00	HB45	1575.91	59.34	-2.000%	0.00	1577.10	0.00	-2.000%	0.00	1577.10	HB45	0.0143	1.7949	0.0000	3.764	3.791	**Left**	HB45	12.00	0.00	4.50	4.47	8.97	18.000	**OK**	0.792	0.992	4.362	3.820		3.791
↑	Grade		2097+20.00	HB45	1575.98	59.33	-2.000%	0.00	1577.17	0.00	-2.000%	0.00	1577.17	HB45	0.0144	1.7881	0.0000	3.736	3.764	**Left**	HB45	12.00	0.00	4.50	4.42	8.92	18.000	**OK**	0.788	0.983	4.364	3.828		3.764
↑	Grade		2097+25.00	HB45	1576.05	59.32	-2.000%	0.00	1577.24	0.00	-2.000%	0.00	1577.24	HB45	0.0145	1.7813	0.0000	3.709	3.736	**Left**	HB45	12.00	0.00	4.50	4.37	8.87	18.000	**OK**	0.783	0.974	4.366	3.835		3.736
↑	Grade		2097+30.00	HB45	1576.13	59.32	-2.000%	0.00	1577.31	0.00	-2.000%	0.00	1577.31	HB45	0.0146	1.7745	0.0000	3.682	3.709	**Left**	HB45	12.00	0.00	4.50	4.32	8.82	18.000	**OK**	0.779	0.965	4.367	3.843		3.709
↑	Grade		2097+35.00	HB45	1576.20	59.31	-2.000%	0.00	1577.39	0.00	-2.000%	0.00	1577.39	HB45	0.0147	1.7677	0.0000	3.654	3.682	**Left**	HB45	12.00	0.00	4.50	4.27	8.77	18.000	**OK**	0.774	0.956	4.368	3.850		3.682
↑	Grade		2097+40.00	HB45	1576.28	59.30	-2.000%	0.00	1577.46	0.00	-2.000%	0.00	1577.46	HB45	0.0149	1.7609	0.0000	3.627	3.654	**Left**	HB45	12.00	0.00	4.50	4.22	8.72	18.000	**OK**	0.770	0.947	4.369	3.857		3.654
↑	Grade		2097+45.00	HB45	1576.35	59.29	-2.000%	0.00	1577.54	0.00	-2.000%	0.00	1577.54	HB45	0.0150	1.7541	0.0000	3.600	3.627	**Left**	HB45	12.00	0.00	4.50	4.17	8.67	18.000	**OK**	0.765	0.939	4.370	3.864		3.627
↑	Grade		2097+50.00	HB45	1576.43	59.29	-2.000%	0.00	1577.61	0.00	-2.000%	0.00	1577.61	HB45	0.0151	1.7472	0.0000	3.573	3.600	**Left**	HB45	12.00	0.00	4.50	4.12	8.62	18.000	**OK**	0.761	0.930	4.371	3.871		3.600
↑	Grade		2097+55.00	HB45	1576.50	59.28	-2.000%	0.00	1577.69	0.00	-2.000%	0.00	1577.69	HB45	0.0152	1.7404	0.0000	3.545	3.573	**Left**	HB45	12.00	0.00	4.50	4.07	8.57	18.000	**OK**	0.756	0.921	4.371	3.878		3.573
↑	Grade		2097+60.00	HB45	1576.58	59.27	-2.000%	0.00	1577.76	0.00	-2.000%	0.00	1577.76	HB45	0.0153	1.7336	0.0000	3.518	3.545	**Left**	HB45	12.00	0.00	4.50	4.02	8.52	18.000	**OK**	0.751	0.913	4.371	3.884		3.545
↑	Grade		2097+65.00	HB45	1576.66	59.26	-2.000%	0.00	1577.84	0.00	-2.000%	0.00	1577.84	HB45	0.0155	1.7268	0.0000	3.491	3.518	**Left**	HB45	12.00	0.00	4.50	3.97	8.47	18.000	**OK**	0.747	0.904	4.371	3.890		3.518
↑	Grade		2097+70.00	HB45	1576.73	59.26	-2.000%	0.00	1577.92	0.00	-2.000%	0.00	1577.92	HB45	0.0156	1.7200	0.0000	3.463	3.491	**Left**	HB45	12.00	0.00	4.50	3.92	8.42	18.000	**OK**	0.742	0.896	4.371	3.897		3.491
↑	Grade		2097+75.00	HB45	1576.81	59.25	-2.000%	0.00	1578.00	0.00	-2.000%	0.00	1578.00	HB45	0.0157	1.7132	0.0000	3.436	3.463	**Left**	HB45	12.00	0.00	4.50	3.87	8.37	18.000	**OK**	0.738	0.887	4.371	3.903		3.463
↑	Grade		2097+80.00	HB45	1576.89	59.24	-2.000%	0.00	1578.08	0.00	-2.000%	0.00	1578.08	HB45	0.0158	1.7064	0.0000	3.409	3.436	**Left**	HB45	12.00	0.00	4.50	3.82	8.32	18.000	**OK**	0.733	0.879	4.370	3.909		3.436
↑	Grade		2097+85.00	HB45	1576.97	59.23	-2.000%	0.00	1578.16	0.00	-2.000%	0.00	1578.16	HB45	0.0159	1.6996	0.0000	3.382	3.409	**Left**	HB45	12.00	0.00	4.50	3.77	8.27	18.000	**OK**	0.729	0.871	4.370	3.915		3.409
↑	Grade		2097+90.00	HB45	1577.05	59.23	-2.000%	0.00	1578.24	0.00	-2.000%	0.00	1578.24	HB45	0.0160	1.6928	0.0000	3.354	3.382	**Left**	HB45	12.00	0.00	4.50	3.72	8.22	18.000	**OK**	0.725	0.863	4.369	3.920		3.382
↑	Grade		2097+95.00	HB45	1577.13	59.22	-2.000%	0.00	1578.32	0.00	-2.000%	0.00	1578.32	HB45	0.0162	1.6860	0.0000	3.327	3.354	**Left**	HB45	12.00	0.00	4.50	3.67	8.17	18.000	**OK**	0.720	0.854	4.368	3.926		3.354
↑	Grade		2098+00.00	HB45	1577.22	59.21	-2.000%	0.00	1578.40	0.00	-2.000%	0.00	1578.40	HB45	0.0163	1.6792	0.0000	3.300	3.327	**Left**	HB45	12.00	0.00	4.50	3.62	8.12	18.000	**OK**	0.716	0.846	4.366	3.931		3.327
↑	Grade		2098+05.00	HB45	1577.30	59.20	-2.000%	0.00	1578.48	0.00	-2.000%	0.00	1578.48	HB45	0.0164	1.6724	0.0000	3.273	3.300	**Left**	HB45	12.00	0.00	4.50	3.57	8.07	18.000	**OK**	0.711	0.838	4.365	3.936		3.300
↑	Grade		2098+10.00	HB45	1577.38	59.20	-2.000%	0.00	1578.56	0.00	-2.000%	0.00	1578.56	HB45	0.0165	1.6656	0.0000	3.245	3.273	**Left**	HB45	12.00	0.00	4.50	3.52	8.02	18.000	**OK**	0.707	0.830	4.363	3.941		3.273
↑	Grade		2098+15.00	HB45	1577.46	59.19	-2.000%	0.00	1578.65	0.00	-2.000%	0.00	1578.65	HB45	0.0166	1.6588	0.0000	3.218	3.245	**Left**	HB45	12.00	0.00	4.50	3.47	7.97	18.000	**OK**	0.702	0.822	4.361	3.946		3.245
↑	Grade		2098+20.00	HB45	1577.55	59.18	-2.000%	0.00	1578.73	0.00	-2.000%	0.00	1578.73	HB45	0.0168	1.6520	0.0000	3.191	3.218	**Left**	HB45	12.00	0.00	4.50	3.42	7.92	18.000	**OK**	0.698	0.815	4.359	3.951		3.218
↑	Grade		2098+25.00	HB45	1577.63	59.17	-2.000%	0.00	1578.82	0.00	-2.000%	0.00	1578.82	HB45	0.0169	1.6453	0.0000	3.164	3.191	**Left**	HB45	12.00	0.00	4.50	3.37	7.87	18.000	**OK**	0.693	0.807	4.356	3.955		3.191

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2098+30.00	HB45	1577.72	59.17	-2.000%	0.00	1578.90	0.00	-2.000%	0.00	1578.90	HB45	0.0170	1.6385	0.0000	3.136	3.164	**Left**	HB45	12.00	0.00	4.50	3.32	7.82	18.000	**OK**	0.689	0.799	4.354	3.960		3.164
↑	Grade		2098+35.00	HB45	1577.80	59.16	-2.000%	0.00	1578.99	0.00	-2.000%	0.00	1578.99	HB45	0.0171	1.6317	0.0000	3.109	3.136	**Left**	HB45	12.00	0.00	4.50	3.27	7.77	18.000	**OK**	0.684	0.791	4.351	3.964		3.136
↑	Grade		2098+40.00	HB45	1577.89	59.15	-2.000%	0.00	1579.07	0.00	-2.000%	0.00	1579.07	HB45	0.0172	1.6249	0.0000	3.082	3.109	**Left**	HB45	12.00	0.00	4.50	3.22	7.72	18.000	**OK**	0.680	0.784	4.348	3.968		3.109
↑	Grade		2098+45.00	HB45	1577.98	59.15	-2.000%	0.00	1579.16	0.00	-2.000%	0.00	1579.16	HB45	0.0174	1.6181	0.0000	3.055	3.082	**Left**	HB45	12.00	0.00	4.50	3.17	7.67	18.000	**OK**	0.675	0.776	4.345	3.972		3.082
↑	Grade		2098+50.00	HB45	1578.06	59.14	-2.000%	0.00	1579.25	0.00	-2.000%	0.00	1579.25	HB45	0.0175	1.6113	0.0000	3.028	3.055	**Left**	HB45	12.00	0.00	4.50	3.12	7.62	18.000	**OK**	0.671	0.768	4.342	3.976		3.055
↑	Grade		2098+55.00	HB45	1578.15	59.13	-2.000%	0.00	1579.33	0.00	-2.000%	0.00	1579.33	HB45	0.0176	1.6045	0.0000	3.000	3.028	**Left**	HB45	12.00	0.00	4.50	3.07	7.57	18.000	**OK**	0.666	0.761	4.338	3.979		3.028
↑	Grade		2098+60.00	HB45	1578.24	59.12	-2.000%	0.00	1579.42	0.00	-2.000%	0.00	1579.42	HB45	0.0177	1.5977	0.0000	2.973	3.000	**Left**	HB45	12.00	0.00	4.50	3.02	7.52	18.000	**OK**	0.662	0.753	4.334	3.983		3.000
↑	Grade		2098+65.00	HB45	1578.33	59.12	-2.000%	0.00	1579.51	0.00	-2.000%	0.00	1579.51	HB45	0.0178	1.5909	0.0000	2.946	2.973	**Left**	HB45	12.00	0.00	4.50	2.97	7.47	18.000	**OK**	0.658	0.746	4.330	3.986		2.973
↑	Grade		2098+70.00	HB45	1578.42	59.11	-2.000%	0.00	1579.60	0.00	-2.000%	0.00	1579.60	HB45	0.0179	1.5841	0.0000	2.919	2.946	**Left**	HB45	12.00	0.00	4.50	2.92	7.42	18.000	**OK**	0.653	0.739	4.326	3.989		2.946
↑	Grade		2098+75.00	HB45	1578.51	59.10	-2.000%	0.00	1579.69	0.00	-2.000%	0.00	1579.69	HB45	0.0181	1.5774	0.0000	2.892	2.919	**Left**	HB45	12.00	0.00	4.50	2.87	7.37	18.000	**OK**	0.649	0.731	4.321	3.992		2.919
↑	Grade		2098+80.00	HB45	1578.60	59.09	-2.000%	0.00	1579.78	0.00	-2.000%	0.00	1579.78	HB45	0.0182	1.5706	0.0000	2.864	2.892	**Left**	HB45	12.00	0.00	4.50	2.82	7.32	18.000	**OK**	0.644	0.724	4.317	3.994		2.892
↑	Grade		2098+85.00	HB45	1578.69	59.09	-2.000%	0.00	1579.87	0.00	-2.000%	0.00	1579.87	HB45	0.0183	1.5638	0.0000	2.837	2.864	**Left**	HB45	12.00	0.00	4.50	2.77	7.27	18.000	**OK**	0.640	0.717	4.312	3.997		2.864
↑	Grade		2098+90.00	HB45	1578.79	59.08	-2.000%	0.00	1579.97	0.00	-2.000%	0.00	1579.97	HB45	0.0184	1.5570	0.0000	2.810	2.837	**Left**	HB45	12.00	0.00	4.50	2.72	7.22	18.000	**OK**	0.635	0.709	4.307	3.999		2.837
↑	Grade		2098+95.00	HB45	1578.88	59.07	-2.000%	0.00	1580.06	0.00	-2.000%	0.00	1580.06	HB45	0.0185	1.5502	0.0000	2.783	2.810	**Left**	HB45	12.00	0.00	4.50	2.67	7.17	18.000	**OK**	0.631	0.702	4.301	4.001		2.810
↑	Grade		2099+00.00	HB45	1578.97	59.06	-2.000%	0.00	1580.15	0.00	-2.000%	0.00	1580.15	HB45	0.0187	1.5435	0.0000	2.756	2.783	**Left**	HB45	12.00	0.00	4.50	2.62	7.12	18.000	**OK**	0.626	0.695	4.296	4.003		2.783
↑	Grade		2099+05.00	HB45	1579.07	59.06	-2.000%	0.00	1580.25	0.00	-2.000%	0.00	1580.25	HB45	0.0188	1.5367	0.0000	2.728	2.756	**Left**	HB45	12.00	0.00	4.50	2.58	7.08	18.000	**OK**	0.622	0.688	4.290	4.005		2.756
↑	Grade		2099+10.00	HB45	1579.16	59.05	-2.000%	0.00	1580.34	0.00	-2.000%	0.00	1580.34	HB45	0.0189	1.5299	0.0000	2.701	2.728	**Left**	HB45	12.00	0.00	4.50	2.53	7.03	18.000	**OK**	0.617	0.681	4.284	4.006		2.728
↑	Grade		2099+15.00	HB45	1579.26	59.04	-2.000%	0.00	1580.44	0.00	-2.000%	0.00	1580.44	HB45	0.0190	1.5231	0.0000	2.674	2.701	**Left**	HB45	12.00	0.00	4.50	2.48	6.98	18.000	**OK**	0.613	0.674	4.278	4.007		2.701
↑	Grade		2099+20.00	HB45	1579.35	59.03	-2.000%	0.00	1580.53	0.00	-2.000%	0.00	1580.53	HB45	0.0191	1.5163	0.0000	2.647	2.674	**Left**	HB45	12.00	0.00	4.50	2.43	6.93	18.000	**OK**	0.608	0.667	4.272	4.008		2.674
↑	Grade		2099+25.00	HB45	1579.45	59.03	-2.000%	0.00	1580.63	0.00	-2.000%	0.00	1580.63	HB45	0.0193	1.5096	0.0000	2.620	2.647	**Left**	HB45	12.00	0.00	4.50	2.38	6.88	18.000	**OK**	0.604	0.660	4.265	4.009		2.647
↑	Grade		2099+30.00	HB45	1579.54	59.02	-2.000%	0.00	1580.73	0.00	-2.000%	0.00	1580.73	HB45	0.0194	1.5028	0.0000	2.593	2.620	**Left**	HB45	12.00	0.00	4.50	2.32	6.82	18.000	**OK**	0.599	0.653	4.258	4.010		2.620
↑	Grade		2099+35.00	HB45	1579.64	59.01	-2.000%	0.00	1580.82	0.00	-2.000%	0.00	1580.82	HB45	0.0195	1.4960	0.0000	2.565	2.593	**Left**	HB45	12.00	0.00	4.50	2.27	6.77	18.000	**OK**	0.595	0.646	4.251	4.010		2.593
↑	Grade		2099+40.00	HB45	1579.74	59.00	-2.000%	0.00	1580.92	0.00	-2.000%	0.00	1580.92	HB45	0.0196	1.4892	0.0000	2.538	2.565	**Left**	HB45	12.00	0.00	4.50	2.22	6.72	18.000	**OK**	0.590	0.640	4.243	4.010		2.565
↑	Grade		2099+45.00	HB45	1579.84	59.00	-2.000%	0.00	1581.02	0.00	-2.000%	0.00	1581.02	HB45	0.0197	1.4825	0.0000	2.511	2.538	**Left**	HB45	12.00	0.00	4.50	2.17	6.67	18.000	**OK**	0.586	0.633	4.236	4.010		2.538
↑	Grade		2099+50.00	HB45	1579.94	58.99	-2.000%	0.00	1581.12	0.00	-2.000%	0.00	1581.12	HB45	0.0199	1.4757	0.0000	2.484	2.511	**Left**	HB45	12.00	0.00	4.50	2.12	6.62	18.000	**OK**	0.581	0.626	4.228	4.010		2.511
↑	Grade		2099+55.00	HB45	1580.04	58.98	-2.000%	0.00	1581.22	0.00	-2.000%	0.00	1581.22	HB45	0.0200	1.4689	0.0000	2.457	2.484	**Left**	HB45	12.00	0.00	4.50	2.07	6.57	18.000	**OK**	0.577	0.620	4.220	4.010		2.484
↑	Grade		2099+60.00	HB45	1580.14	58.98	-2.000%	0.00	1581.32	0.00	-2.000%	0.00	1581.32	HB45	0.0201	1.4621	0.0000	2.430	2.457	**Left**	HB45	12.00	0.00	4.50	2.02	6.52	18.000	**OK**	0.572	0.613	4.212	4.009		2.457
↑	Grade		2099+65.00	HB45	1580.24	58.97	-2.000%	0.00	1581.42	0.00	-2.000%	0.00	1581.42	HB45	0.0202	1.4554	0.0000	2.403	2.430	**Left**	HB45	12.00	0.00	4.50	1.97	6.47	18.000	**OK**	0.567	0.606	4.203	4.008		2.430
↑	Grade		2099+70.00	HB45	1580.34	58.96	-2.000%	0.00	1581.52	0.00	-2.000%	0.00	1581.52	HB45	0.0203	1.4486	0.0000	2.375	2.403	**Left**	HB45	12.00	0.00	4.50	1.92	6.42	18.000	**OK**	0.563	0.600	4.194	4.006		2.403
↑	Grade		2099+75.00	HB45	1580.44	58.95	-2.000%	0.00	1581.62	0.00	-2.000%	0.00	1581.62	HB45	0.0204	1.4418	0.0000	2.348	2.375	**Left**	HB45	12.00	0.00	4.50	1.87	6.37	18.000	**OK**	0.558	0.593	4.185	4.005		2.375
↑	Grade		2099+80.00	HB45	1580.55	58.95	-2.000%	0.00	1581.73	0.00	-2.000%	0.00	1581.73	HB45	0.0206	1.4351	0.0000	2.321	2.348	**Left**	HB45	12.00	0.00	4.50	1.82	6.32	18.000	**OK**	0.554	0.587	4.176	4.003		2.348
↑	Grade		2099+85.00	HB45	1580.65	58.94	-2.000%	0.00	1581.83	0.00	-2.000%	0.00	1581.83	HB45	0.0207	1.4283	0.0000	2.294	2.321	**Left**	HB45	12.00	0.00	4.50	1.77	6.27	18.000	**OK**	0.549	0.580	4.166	4.001		2.321
↑	Grade		2099+90.00	HB45	1580.76	58.93	-2.000%	0.00	1581.93	0.00	-2.000%	0.00	1581.93	HB45	0.0208	1.4215	0.0000	2.267	2.294	**Left**	HB45	12.00	0.00	4.50	1.72	6.22	18.000	**OK**	0.544	0.574	4.157	3.998		2.294
↑	Grade		2099+95.00	HB45	1580.86	58.92	-2.000%	0.00	1582.04	0.00	-2.000%	0.00	1582.04	HB45	0.0209	1.4148	0.0000	2.240	2.267	**Left**	HB45	12.00	0.00	4.50	1.66	6.16	18.000	**OK**	0.540	0.567	4.146	3.995		2.267
↑	Grade		2100+00.00	HB45	1580.97	58.92	-2.000%	0.00	1582.14	0.00	-2.000%	0.00	1582.14	HB45	0.0210	1.4080	0.0000	2.213	2.240	**Left**	HB45	12.00	0.00	4.50	1.61	6.11	18.000	**OK**	0.535	0.561	4.136	3.992		2.240
↑	Grade		2100+05.00	HB45	1581.07	58.91	-2.000%	0.00	1582.25	0.00	-2.000%	0.00	1582.25	HB45	0.0212	1.4012	0.0000	2.186	2.213	**Left**	HB45	12.00	0.00	4.50	1.56	6.06	18.000	**OK**	0.530	0.555	4.125	3.989		2.213
↑	Grade		2100+10.00	HB45	1581.18	58.90	-2.000%	0.00	1582.36	0.00	-2.000%	0.00	1582.36	HB45	0.0213	1.3945	0.0000	2.158	2.186	**Left**	HB45	12.00	0.00	4.50	1.51	6.01	18.000	**OK**	0.526	0.548	4.115	3.985		2.186
↑	Grade		2100+15.00	HB45	1581.29	58.89	-2.000%	0.00	1582.46	0.00	-2.000%	0.00	1582.46	HB45	0.0214	1.3877	0.0000	2.131	2.158	**Left**	HB45	12.00	0.00	4.50	1.46	5.96	18.000	**OK**	0.521	0.542	4.103	3.981		2.158
↑	Grade		2100+20.00	HB45	1581.39	58.89	-2.000%	0.00	1582.57	0.00	-2.000%	0.00	1582.57	HB45	0.0215	1.3810	0.0000	2.104	2.131	**Left**	HB45	12.00	0.00	4.50	1.40	5.90	18.000	**OK**	0.516	0.536	4.092	3.977		2.131
↑	Grade		2100+25.00	HB45	1581.50	58.88	-2.000%	0.00	1582.68	0.00	-2.000%	0.00	1582.68	HB45	0.0216	1.3742	0.0000	2.077	2.104	**Left**	HB45	12.00	0.00	4.50	1.35	5.85	18.000	**OK**	0.512	0.530	4.080	3.972		2.104
↑	Grade		2100+30.00	HB45	1581.61	58.87	-2.000%	0.00	1582.79	0.00	-2.000%	0.00	1582.79	HB45	0.0218	1.3674	0.0000	2.050	2.077	**Left**	HB45	12.00	0.00	4.50	1.30	5.80	18.000	**OK**	0.507	0.524	4.068	3.967		2.077
↑	Grade		2100+35.00	HB45	1581.72	58.86	-2.000%	0.00	1582.90	0.00	-2.000%	0.00	1582.90	HB45	0.0219	1.3607	0.0000	2.023	2.050	**Left**	HB45	12.00	0.00	4.50	1.24	5.74	18.000	**OK**	0.502	0.518	4.056	3.961		2.050
↑	Grade		2100+40.00	HB45	1581.83	58.86	-2.000%	0.00	1583.01	0.00	-2.000%	0.00	1583.01	HB45	0.0220	1.3539	0.0000	1.996	2.023	**Left**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.497	0.511	4.044	3.955		2.023
↑	Grade		2100+45.00	HB45	1581.94	58.85	-2.000%	0.00	1583.12	0.00	-2.000%	0.00	1583.12	HB45	0.0221	1.3472	0.0000	1.969	1.996	**Left**	HB45	12.00	0.00	4.50	1.14	5.64	18.000	**OK**	0.492	0.505	4.031	3.949		1.996
↑	Grade		2100+50.00	HB45	1582.05	58.84	-2.000%	0.00	1583.23	0.00	-2.000%	0.00	1583.23	HB45	0.0222	1.3404	0.0000	1.942	1.969	**Left**	HB45	12.00	0.00	4.50	1.09	5.59	18.000	**OK**	0.488	0.499	4.018	3.942		1.969
↑	Grade		2100+55.00	HB45	1582.16	58.83	-2.000%	0.00	1583.34	0.00	-2.000%	0.00	1583.34	HB45	0.0223	1.3337	0.0000	1.915	1.942	**Left**	HB45	12.00	0.00	4.50	1.03	5.53	18.000	**OK**	0.483	0.493	4.004	3.935		1.942
↑	Grade		2100+60.00	HB45	1582.28	58.83	-2.000%	0.00	1583.45	0.00	-2.000%	0.00	1583.45	HB45	0.0225	1.3269	0.0000	1.888	1.915	**Left**	HB45	12.00	0.00	4.50	0.98	5.48	18.000	**OK**	0.478	0.488	3.990	3.927		1.915
↑	Grade		2100+65.00	HB45	1582.39	58.82	-2.000%	0.00	1583.57	0.00	-2.000%	0.00	1583.57	HB45	0.0226	1.3202	0.0000	1.861	1.888	**Left**	HB45	12.00	0.00	4.50	0.92	5.42	18.000	**OK**	0.473	0.482	3.976	3.919		1.888
↑	Grade		2100+70.00	HB45	1582.50	58.81	-2.000%	0.00	1583.68	0.00	-2.000%	0.00	1583.68	HB45	0.0227	1.3134	0.0000	1.833	1.861	**Left**	HB45	12.00	0.00	4.50	0.87	5.37	18.000	**OK**	0.468	0.476	3.962	3.911		1.861
↑	Grade		2100+75.00	HB45	1582.62	58.80	-2.000%	0.00	1583.79	0.00	-2.000%	0.00	1583.79	HB45	0.0228	1.3067	0.0000	1.806	1.833	**Left**	HB45	12.00	0.00	4.50	0.81	5.31	18.000	**OK**	0.463	0.470	3.948	3.901		1.833
↑	Grade		2100+80.00	HB45	1582.73	58.80	-2.000%	0.00	1583.91	0.00	-2.000%	0.00	1583.91	HB45	0.0229	1.2999	0.0000	1.779	1.806	**Left**	HB45	12.00	0.00	4.50	0.76	5.26	18.000	**OK**	0.458	0.464	3.933	3.892		1.806
↑	Grade		2100+85.00	HB45	1582.85	58.79	-2.000%	0.00	1584.02	0.00	-2.000%	0.00	1584.02	HB45	0.0231	1.2932	0.0000	1.752	1.779	**Left**	HB45	12.00	0.00	4.50	0.70	5.20	18.000	**OK**	0.453	0.458	3.917	3.882		1.779
↑	Grade		2100+90.00	HB45	1582.96	58.78	-2.000%	0.00	1584.14	0.00	-2.000%	0.00	1584.14	HB45	0.0232	1.2864	0.0000	1.725	1.752	**Left**	HB45	12.00	0.00	4.50	0.65	5.15	18.000	**OK**	0.448	0.453	3.902	3.871		1.752
↑	Grade		2100+95.00	HB45	1583.08	58.78	-2.000%	0.00	1584.26	0.00	-2.000%	0.00	1584.26	HB45	0.0233	1.2797	0.0000	1.698	1.725	**Left**	HB45	12.00	0.00	4.50	0.59	5.09	18.000	**OK**	0.443	0.447	3.886	3.860		1.725
↑	Grade		2101+00.00	HB45	1583.20	58.77	-2.000%	0.00	1584.37	0.00	-2.000%	0.00	1584.37	HB45	0.0234	1.2729	0.0000	1.671	1.698	**Left**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.438	0.441	3.870	3.848		1.698
↑	Grade		2101+05.00	HB45	1583.32	58.76	-2.000%	0.00	1584.49	0.00	-2.000%	0.00	1584.49	HB45	0.0235	1.2662	0.0000	1.644	1.671	**Left**	HB45	12.00	0.00	4.50	0.48	4.98	18.000	**OK**	0.433	0.436	3.853	3.835		1.671
↑	Grade		2101+10.00	HB45	1583.43	58.75	-2.000%	0.00	1584.61	0.00	-2.000%	0.00	1584.61	HB45	0.0237	1.2594	0.0000	1.617	1.644	**Left**	HB45	12.00	0.00	4.50	0.43	4.93	18.000	**OK**	0.428	0.430	3.836	3.822		1.644
↑	Grade		2101+15.00	HB45	1583.55	58.75	-2.000%	0.00	1584.73	0.00	-2.000%	0.00	1584.73	HB45	0.0238	1.2527	0.0000	1.590	1.617	**Left**	HB45	12.00	0.00	4.50	0.37	4.87	18.000	**OK**	0.423	0.425	3.819	3.808		1.617
↑	Grade		2101+20.00	HB45	1583.67	58.74	-2.000%	0.00	1584.85	0.00	-2.000%	0.00	1584.85	HB45	0.0239	1.2459	0.0000	1.563	1.590	**Left**	HB45	12.00	0.00	4.50	0.31	4.81	18.000	**OK**	0.418	0.419	3.802	3.794		1.590
↑	Grade		2101+25.00	HB45	1583.79	58.73	-2.000%	0.00	1584.97	0.00	-2.000%	0.00	1584.97	HB45	0.0240	1.2392	0.0000	1.536	1.563	**Left**	HB45	12.00	0.00	4.50	0.26	4.76	18.000	**OK**	0.413	0.414	3.784	3.778		1.563
↑	Grade		2101+30.00	HB45	1583.91	58.72	-2.000%	0.00	1585.09	0.00	-2.000%	0.00	1585.09	HB45	0.0241	1.2324	0.0000	1.509	1.536	**Left**	HB45	12.00	0.00	4.50	0.20	4.70	18.000	**OK**	0.408	0.408	3.766	3.762		1.536
↑	Grade		2101+35.00	HB45	1584.03	58.72	-2.000%	0.00	1585.21	0.00	-2.000%	0.00	1585.21	HB45	0.0242	1.2257	0.0000	1.482	1.509	**Left**	HB45	12.00	0.00	4.50	0.14	4.64	18.000	**OK**	0.403	0.403	3.747	3.745		1.509
↑	Grade		2101+40.00	HB45	1584.16	58.71	-2.000%	0.00	1585.33	0.00	-2.000%	0.00	1585.33	HB45	0.0244	1.2190	0.0000	1.455	1.482	**Left**	HB45	12.00	0.00	4.50	0.08	4.58	18.000	**OK**	0.397	0.398	3.728	3.728		1.482
↑	Grade		2101+45.00	HB45	1584.28	58.70	-2.000%	0.00	1585.45	0.00	-2.000%	0.00	1585.45	HB45	0.0245	1.2122	0.0000	1.428	1.455	**Left**	HB45	12.00	0.00	4.50	0.02	4.52	18.000	**OK**	0.392	0.392	3.709	3.709		1.455
↑	Grade		2101+50.00	HB45	1584.40	58.69	-2.000%	0.00	1585.58	0.00	-2.000%	0.00	1585.58	HB45	0.0246	1.2055	0.0000	1.401	1.428	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.387	0.387	3.690	3.690		1.428
↑	Grade		2101+55.00	HB45	1584.53	58.69	-2.000%	0.00	1585.70	0.00	-2.000%	0.00	1585.70	HB45	0.0247	1.1988	0.0000	1.374	1.401	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.382	0.382	3.670	3.670		1.401
↑	Grade		2101+60.00	HB45	1584.65	58.68	-2.000%	0.00	1585.82	0.00	-2.000%	0.00	1585.82	HB45	0.0248	1.1920	0.0000	1.347	1.374	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.376	0.376	3.650	3.650		1.374
↑	Grade		2101+65.00	HB45	1584.78	58.67	-2.000%	0.00	1585.95	0.00	-2.000%	0.00	1585.95	HB45	0.0250	1.1853	0.0000	1.320	1.347	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.371	0.371	3.629	3.629		1.347
↑	Grade		2101+70.00	HB45	1584.90	58.66	-2.000%	0.00	1586.07	0.00	-2.000%	0.00	1586.07	HB45	0.0251	1.1785	0.0000	1.293	1.320	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.366	0.366	3.609	3.609		1.320
↑	Grade		2101+75.00	HB45	1585.03	58.66	-2.000%	0.00	1586.20	0.00	-2.000%	0.00	1586.20	HB45	0.0252	1.1718	0.0000	1.266	1.293	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.360	0.360	3.588	3.588		1.293
↑	Grade		2101+80.00	HB45	1585.15	58.65	-2.000%	0.00	1586.33	0.00	-2.000%	0.00	1586.33	HB45	0.0253	1.1651	0.0000	1.239	1.266	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.355	0.355	3.566	3.566		1.266
↑	Grade		2101+85.00	HB45	1585.28	58.64	-2.000%	0.00	1586.45	0.00	-2.000%	0.00	1586.45	HB45	0.0254	1.1583	0.0000	1.212	1.239	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.350	0.350	3.544	3.544		1.239
↑	Grade		2101+90.00	HB45	1585.41	58.63	-2.000%	0.00	1586.58	0.00	-2.000%	0.00	1586.58	HB45	0.0256	1.1516	0.0000	1.185	1.212	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.344	0.344	3.522	3.522		1.212
↑	Grade		2101+95.00	HB45	1585.54	58.63	-2.000%	0.00	1586.71	0.00	-2.000%	0.00	1586.71	HB45	0.0257	1.1449	0.0000	1.158	1.185	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.339	0.339	3.500	3.500		1.185

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2102+00.00	HB45	1585.67	58.62	-2.000%	0.00	1586.84	0.00	-2.000%	0.00	1586.84	HB45	0.0258	1.1382	0.0000	1.131	1.158	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.333	0.333	3.477	3.477		1.158
↑	Grade		2102+05.00	HB45	1585.80	58.65	-2.000%	0.00	1586.97	0.00	-2.000%	0.00	1586.97	HB45	0.0259	1.1314	0.0000	1.104	1.131	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.327	0.327	3.454	3.454		1.131
↑	Grade		2102+10.00	HB45	1585.93	58.68	-2.000%	0.00	1587.10	0.00	-2.000%	0.00	1587.10	HB45	0.0260	1.1247	0.0000	1.077	1.104	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.322	0.322	3.430	3.430		1.104
↑	Grade		2102+15.00	HB45	1586.06	58.71	-2.000%	0.00	1587.23	0.00	-2.000%	0.00	1587.23	HB45	0.0262	1.1180	0.0000	1.050	1.077	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.316	0.316	3.406	3.406		1.077
↑	Grade		2102+20.00	HB45	1586.19	58.73	-2.000%	0.00	1587.36	0.00	-2.000%	0.00	1587.36	HB45	0.0263	1.1112	0.0000	1.023	1.050	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.311	0.311	3.381	3.381		1.050
↑	Grade		2102+25.00	HB45	1586.32	58.76	-2.000%	0.00	1587.49	0.00	-2.000%	0.00	1587.49	HB45	0.0264	1.1045	0.0000	0.996	1.023	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.305	0.305	3.357	3.357		1.023
↑	Grade		2102+30.00	HB45	1586.45	58.79	-2.000%	0.00	1587.63	0.00	-2.000%	0.00	1587.63	HB45	0.0265	1.0977	0.0000	0.969	0.996	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.299	0.299	3.331	3.331		0.996
↑	Grade		2102+35.00	HB45	1586.58	58.82	-2.000%	0.00	1587.76	0.00	-2.000%	0.00	1587.76	HB45	0.0266	1.0910	0.0000	0.942	0.969	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.293	0.293	3.306	3.306		0.969
↑	Grade	**3**	2102+40.00	HB45	1586.72	58.85	-2.000%	0.00	1587.89	0.00	-2.000%	0.00	1587.89	HB45	0.0267	1.0842	0.0000	4.342	4.369	**Left**	HB45	12.00	0.00	4.50	3.72	8.22	18.000	**OK**	0.725	0.863	5.642	5.062	3	4.369
↑	Grade		2102+45.00	HB45	1586.85	58.88	-2.000%	0.00	1588.03	0.00	-2.000%	0.00	1588.03	HB45	0.0269	1.0775	0.0000	4.315	4.342	**Left**	HB45	12.00	0.00	4.50	3.68	8.18	18.000	**OK**	0.722	0.857	5.638	5.065		4.342
↑	Grade		2102+50.00	HB45	1586.98	58.91	-2.000%	0.00	1588.16	0.00	-2.000%	0.00	1588.16	HB45	0.0270	1.0707	0.0000	4.288	4.315	**Left**	HB45	12.00	0.00	4.50	3.65	8.15	18.000	**OK**	0.718	0.851	5.635	5.068		4.315
↑	Grade		2102+55.00	HB45	1587.12	58.93	-2.000%	0.00	1588.30	0.00	-2.000%	0.00	1588.30	HB45	0.0271	1.0640	0.0000	4.261	4.288	**Left**	HB45	12.00	0.00	4.50	3.61	8.11	18.000	**OK**	0.715	0.846	5.631	5.070		4.288
↑	Grade		2102+60.00	HB45	1587.25	58.96	-2.000%	0.00	1588.43	0.00	-2.000%	0.00	1588.43	HB45	0.0272	1.0572	0.0000	4.233	4.261	**Left**	HB45	12.00	0.00	4.50	3.58	8.08	18.000	**OK**	0.712	0.840	5.627	5.073		4.261
↑	Grade		2102+65.00	HB45	1587.39	58.99	-2.000%	0.00	1588.57	0.00	-2.000%	0.00	1588.57	HB45	0.0273	1.0504	0.0000	4.206	4.233	**Left**	HB45	12.00	0.00	4.50	3.54	8.04	18.000	**OK**	0.709	0.834	5.623	5.076		4.233
↑	Grade		2102+70.00	HB45	1587.53	59.02	-2.000%	0.00	1588.71	0.00	-2.000%	0.00	1588.71	HB45	0.0274	1.0437	0.0000	4.179	4.206	**Left**	HB45	12.00	0.00	4.50	3.51	8.01	18.000	**OK**	0.706	0.829	5.615	5.074		4.206
↑	Grade		2102+75.00	HB45	1587.66	59.05	-2.000%	0.00	1588.84	0.00	-2.000%	0.00	1588.84	HB45	0.0274	1.0369	0.0000	4.152	4.179	**Left**	HB45	12.00	0.00	4.50	3.48	7.98	18.000	**OK**	0.703	0.825	5.603	5.067		4.179
↑	Grade		2102+80.00	HB45	1587.80	59.08	-2.000%	0.00	1588.98	0.00	-2.000%	0.00	1588.98	HB45	0.0274	1.0301	0.0000	4.125	4.152	**Left**	HB45	12.00	0.00	4.50	3.46	7.96	18.000	**OK**	0.701	0.820	5.590	5.061		4.152
↑	Grade		2102+85.00	HB45	1587.94	59.11	-2.000%	0.00	1589.12	0.00	-2.000%	0.00	1589.12	HB45	0.0274	1.0233	0.0000	4.098	4.125	**Left**	HB45	12.00	0.00	4.50	3.43	7.93	18.000	**OK**	0.699	0.816	5.578	5.054		4.125
↑	Grade		2102+90.00	HB45	1588.07	59.13	-2.000%	0.00	1589.26	0.00	-2.000%	0.00	1589.26	HB45	0.0274	1.0166	0.0000	4.070	4.098	**Left**	HB45	12.00	0.00	4.50	3.40	7.90	18.000	**OK**	0.696	0.812	5.565	5.047		4.098
↑	Grade		2102+95.00	HB45	1588.21	59.16	-2.000%	0.00	1589.39	0.00	-2.000%	0.00	1589.39	HB45	0.0274	1.0098	0.0000	4.043	4.070	**Left**	HB45	12.00	0.00	4.50	3.37	7.87	18.000	**OK**	0.694	0.807	5.553	5.041		4.070
↑	Grade		2103+00.00	HB45	1588.35	59.19	-2.000%	0.00	1589.53	0.00	-2.000%	0.00	1589.53	HB45	0.0274	1.0030	0.0000	4.016	4.043	**Left**	HB45	12.00	0.00	4.50	3.35	7.85	18.000	**OK**	0.691	0.803	5.540	5.034		4.043
↑	Grade		2103+05.00	HB45	1588.48	59.22	-2.000%	0.00	1589.67	0.00	-2.000%	0.00	1589.67	HB45	0.0274	0.9962	0.0000	3.989	4.016	**Left**	HB45	12.00	0.00	4.50	3.32	7.82	18.000	**OK**	0.689	0.799	5.528	5.027		4.016
↑	Grade		2103+10.00	HB45	1588.62	59.25	-2.000%	0.00	1589.80	0.00	-2.000%	0.00	1589.80	HB45	0.0274	0.9894	0.0000	3.961	3.989	**Left**	HB45	12.00	0.00	4.50	3.29	7.79	18.000	**OK**	0.686	0.794	5.515	5.021		3.989
↑	Grade		2103+15.00	HB45	1588.75	59.28	-2.000%	0.00	1589.94	0.00	-2.000%	0.00	1589.94	HB45	0.0274	0.9826	0.0000	3.934	3.961	**Left**	HB45	12.00	0.00	4.50	3.26	7.76	18.000	**OK**	0.684	0.790	5.502	5.014		3.961
↑	Grade		2103+20.00	HB45	1588.89	59.30	-2.000%	0.00	1590.08	0.00	-2.000%	0.00	1590.08	HB45	0.0274	0.9758	0.0000	3.907	3.934	**Left**	HB45	12.00	0.00	4.50	3.23	7.73	18.000	**OK**	0.681	0.786	5.489	5.007		3.934
↑	Grade		2103+25.00	HB45	1589.03	59.33	-2.000%	0.00	1590.21	0.00	-2.000%	0.00	1590.21	HB45	0.0274	0.9690	0.0000	3.880	3.907	**Left**	HB45	12.00	0.00	4.50	3.21	7.71	18.000	**OK**	0.679	0.781	5.476	5.000		3.907
↑	Grade		2103+30.00	HB45	1589.16	59.36	-2.000%	0.00	1590.35	0.00	-2.000%	0.00	1590.35	HB45	0.0274	0.9622	0.0000	3.852	3.880	**Left**	HB45	12.00	0.00	4.50	3.18	7.68	18.000	**OK**	0.676	0.777	5.463	4.993		3.880
↑	Grade		2103+35.00	HB45	1589.30	59.39	-2.000%	0.00	1590.49	0.00	-2.000%	0.00	1590.49	HB45	0.0274	0.9554	0.0000	3.825	3.852	**Left**	HB45	12.00	0.00	4.50	3.15	7.65	18.000	**OK**	0.673	0.773	5.450	4.986		3.852
↑	Grade		2103+40.00	HB45	1589.43	59.42	-2.000%	0.00	1590.62	0.00	-2.000%	0.00	1590.62	HB45	0.0264	0.9486	0.0000	3.798	3.825	**Left**	HB45	12.00	0.00	4.50	3.20	7.70	18.000	**OK**	0.678	0.780	5.370	4.905		3.825
↑	Grade		2103+45.00	HB45	1589.57	59.45	-2.000%	0.00	1590.76	0.00	-2.000%	0.00	1590.76	HB45	0.0273	0.9417	0.0000	3.770	3.798	**Left**	HB45	12.00	0.00	4.50	3.10	7.60	18.000	**OK**	0.669	0.765	5.417	4.964		3.798
↑	Grade		2103+50.00	HB45	1589.70	59.48	-2.000%	0.00	1590.89	0.00	-2.000%	0.00	1590.89	HB45	0.0271	0.9349	0.0000	3.743	3.770	**Left**	HB45	12.00	0.00	4.50	3.08	7.58	18.000	**OK**	0.668	0.763	5.391	4.943		3.770
↑	Grade		2103+55.00	HB45	1589.84	59.50	-2.000%	0.00	1591.03	0.00	-2.000%	0.00	1591.03	HB45	0.0269	0.9281	0.0000	3.716	3.743	**Left**	HB45	12.00	0.00	4.50	3.07	7.57	18.000	**OK**	0.666	0.760	5.365	4.922		3.743
↑	Grade		2103+60.00	HB45	1589.97	59.53	-2.000%	0.00	1591.16	0.00	-2.000%	0.00	1591.16	HB45	0.0267	0.9213	0.0000	3.688	3.716	**Left**	HB45	12.00	0.00	4.50	3.05	7.55	18.000	**OK**	0.665	0.758	5.339	4.900		3.716
↑	Grade		2103+65.00	HB45	1590.10	59.56	-2.000%	0.00	1591.29	0.00	-2.000%	0.00	1591.29	HB45	0.0265	0.9144	0.0000	3.661	3.688	**Left**	HB45	12.00	0.00	4.50	3.04	7.54	18.000	**OK**	0.664	0.756	5.313	4.879		3.688
↑	Grade		2103+70.00	HB45	1590.23	59.59	-2.000%	0.00	1591.42	0.00	-2.000%	0.00	1591.42	HB45	0.0263	0.9076	0.0000	3.633	3.661	**Left**	HB45	12.00	0.00	4.50	3.02	7.52	18.000	**OK**	0.662	0.754	5.287	4.857		3.661
↑	Grade		2103+75.00	HB45	1590.36	59.62	-2.000%	0.00	1591.56	0.00	-2.000%	0.00	1591.56	HB45	0.0261	0.9008	0.0000	3.606	3.633	**Left**	HB45	12.00	0.00	4.50	3.01	7.51	18.000	**OK**	0.661	0.751	5.260	4.836		3.633
↑	Grade		2103+80.00	HB45	1590.49	59.65	-2.000%	0.00	1591.69	0.00	-2.000%	0.00	1591.69	HB45	0.0260	0.8939	0.0000	3.578	3.606	**Left**	HB45	12.00	0.00	4.50	2.99	7.49	18.000	**OK**	0.659	0.749	5.234	4.814		3.606
↑	Grade		2103+85.00	HB45	1590.62	59.68	-2.000%	0.00	1591.81	0.00	-2.000%	0.00	1591.81	HB45	0.0258	0.8871	0.0000	3.551	3.578	**Left**	HB45	12.00	0.00	4.50	2.98	7.48	18.000	**OK**	0.658	0.747	5.207	4.793		3.578
↑	Grade		2103+90.00	HB45	1590.75	59.70	-2.000%	0.00	1591.94	0.00	-2.000%	0.00	1591.94	HB45	0.0256	0.8802	0.0000	3.524	3.551	**Left**	HB45	12.00	0.00	4.50	2.96	7.46	18.000	**OK**	0.657	0.744	5.181	4.771		3.551
↑	Grade		2103+95.00	HB45	1590.87	59.73	-2.000%	0.00	1592.07	0.00	-2.000%	0.00	1592.07	HB45	0.0254	0.8734	0.0000	3.496	3.524	**Left**	HB45	12.00	0.00	4.50	2.95	7.45	18.000	**OK**	0.655	0.742	5.154	4.749		3.524
↑	Grade		2104+00.00	HB45	1591.00	59.76	-2.000%	0.00	1592.19	0.00	-2.000%	0.00	1592.19	HB45	0.0252	0.8665	0.0000	3.469	3.496	**Left**	HB45	12.00	0.00	4.50	2.93	7.43	18.000	**OK**	0.654	0.740	5.128	4.727		3.496
↑	Grade		2104+05.00	HB45	1591.12	59.79	-2.000%	0.00	1592.32	0.00	-2.000%	0.00	1592.32	HB45	0.0250	0.8597	0.0000	3.441	3.469	**Left**	HB45	12.00	0.00	4.50	2.91	7.41	18.000	**OK**	0.652	0.737	5.101	4.705		3.469
↑	Grade		2104+10.00	HB45	1591.25	59.82	-2.000%	0.00	1592.44	0.00	-2.000%	0.00	1592.44	HB45	0.0248	0.8528	0.0000	3.414	3.441	**Left**	HB45	12.00	0.00	4.50	2.90	7.40	18.000	**OK**	0.651	0.735	5.074	4.683		3.441
↑	Grade		2104+15.00	HB45	1591.37	59.85	-2.000%	0.00	1592.57	0.00	-2.000%	0.00	1592.57	HB45	0.0246	0.8459	0.0000	3.386	3.414	**Left**	HB45	12.00	0.00	4.50	2.88	7.38	18.000	**OK**	0.649	0.732	5.047	4.661		3.414
↑	Grade		2104+20.00	HB45	1591.49	59.88	-2.000%	0.00	1592.69	0.00	-2.000%	0.00	1592.69	HB45	0.0244	0.8391	0.0000	3.358	3.386	**Left**	HB45	12.00	0.00	4.50	2.87	7.37	18.000	**OK**	0.648	0.730	5.020	4.638		3.386
↑	Grade		2104+25.00	HB45	1591.61	59.90	-2.000%	0.00	1592.81	0.00	-2.000%	0.00	1592.81	HB45	0.0242	0.8322	0.0000	3.331	3.358	**Left**	HB45	12.00	0.00	4.50	2.85	7.35	18.000	**OK**	0.646	0.728	4.993	4.616		3.358
↑	Grade		2104+30.00	HB45	1591.73	59.93	-2.000%	0.00	1592.93	0.00	-2.000%	0.00	1592.93	HB45	0.0240	0.8253	0.0000	3.303	3.331	**Left**	HB45	12.00	0.00	4.50	2.83	7.33	18.000	**OK**	0.645	0.725	4.966	4.594		3.331
↑	Grade		2104+35.00	HB45	1591.85	59.96	-2.000%	0.00	1593.05	0.00	-2.000%	0.00	1593.05	HB45	0.0238	0.8184	0.0000	3.276	3.303	**Left**	HB45	12.00	0.00	4.50	2.82	7.32	18.000	**OK**	0.643	0.723	4.939	4.571		3.303
↑	Grade		2104+40.00	HB45	1591.97	59.99	-2.000%	0.00	1593.17	0.00	-2.000%	0.00	1593.17	HB45	0.0236	0.8116	0.0000	3.248	3.276	**Left**	HB45	12.00	0.00	4.50	2.80	7.30	18.000	**OK**	0.642	0.720	4.911	4.549		3.276
↑	Grade		2104+45.00	HB45	1592.08	60.02	-2.000%	0.00	1593.28	0.00	-2.000%	0.00	1593.28	HB45	0.0235	0.8047	0.0000	3.221	3.248	**Left**	HB45	12.00	0.00	4.50	2.78	7.28	18.000	**OK**	0.640	0.718	4.884	4.526		3.248
↑	Grade		2104+50.00	HB45	1592.20	60.05	-2.000%	0.00	1593.40	0.00	-2.000%	0.00	1593.40	HB45	0.0233	0.7978	0.0000	3.193	3.221	**Left**	HB45	12.00	0.00	4.50	2.76	7.26	18.000	**OK**	0.639	0.715	4.856	4.503		3.221
↑	Grade		2104+55.00	HB45	1592.32	60.08	-2.000%	0.00	1593.52	0.00	-2.000%	0.00	1593.52	HB45	0.0231	0.7909	0.0000	3.165	3.193	**Left**	HB45	12.00	0.00	4.50	2.75	7.25	18.000	**OK**	0.637	0.713	4.829	4.480		3.193
↑	Grade		2104+60.00	HB45	1592.43	60.10	-2.000%	0.00	1593.63	0.00	-2.000%	0.00	1593.63	HB45	0.0229	0.7840	0.0000	3.138	3.165	**Left**	HB45	12.00	0.00	4.50	2.73	7.23	18.000	**OK**	0.636	0.710	4.801	4.457		3.165
↑	Grade		2104+65.00	HB45	1592.54	60.13	-2.000%	0.00	1593.74	0.00	-2.000%	0.00	1593.74	HB45	0.0227	0.7771	0.0000	3.110	3.138	**Left**	HB45	12.00	0.00	4.50	2.71	7.21	18.000	**OK**	0.634	0.708	4.773	4.434		3.138
↑	Grade		2104+70.00	HB45	1592.65	60.16	-2.000%	0.00	1593.86	0.00	-2.000%	0.00	1593.86	HB45	0.0225	0.7702	0.0000	3.082	3.110	**Left**	HB45	12.00	0.00	4.50	2.69	7.19	18.000	**OK**	0.632	0.705	4.746	4.411		3.110
↑	Grade		2104+75.00	HB45	1592.76	60.19	-2.000%	0.00	1593.97	0.00	-2.000%	0.00	1593.97	HB45	0.0223	0.7633	0.0000	3.055	3.082	**Left**	HB45	12.00	0.00	4.50	2.68	7.18	18.000	**OK**	0.631	0.702	4.718	4.388		3.082
↑	Grade		2104+80.00	HB45	1592.87	60.22	-2.000%	0.00	1594.08	0.00	-2.000%	0.00	1594.08	HB45	0.0221	0.7564	0.0000	3.027	3.055	**Left**	HB45	12.00	0.00	4.50	2.66	7.16	18.000	**OK**	0.629	0.700	4.690	4.365		3.055
↑	Grade		2104+85.00	HB45	1592.98	60.25	-2.000%	0.00	1594.19	0.00	-2.000%	0.00	1594.19	HB45	0.0219	0.7495	0.0000	2.999	3.027	**Left**	HB45	12.00	0.00	4.50	2.64	7.14	18.000	**OK**	0.628	0.697	4.661	4.341		3.027
↑	Grade		2104+90.00	HB45	1593.09	60.27	-2.000%	0.00	1594.30	0.00	-2.000%	0.00	1594.30	HB45	0.0217	0.7426	0.0000	2.971	2.999	**Left**	HB45	12.00	0.00	4.50	2.62	7.12	18.000	**OK**	0.626	0.695	4.633	4.318		2.999
↑	Grade		2104+95.00	HB45	1593.20	60.30	-2.000%	0.00	1594.40	0.00	-2.000%	0.00	1594.40	HB45	0.0215	0.7357	0.0000	2.944	2.971	**Left**	HB45	12.00	0.00	4.50	2.60	7.10	18.000	**OK**	0.624	0.692	4.605	4.294		2.971
↑	Grade		2105+00.00	HB45	1593.30	60.33	-2.000%	0.00	1594.51	0.00	-2.000%	0.00	1594.51	HB45	0.0213	0.7287	0.0000	2.916	2.944	**Left**	HB45	12.00	0.00	4.50	2.58	7.08	18.000	**OK**	0.623	0.689	4.576	4.271		2.944
↑	Grade		2105+05.00	HB45	1593.41	60.36	-2.000%	0.00	1594.62	0.00	-2.000%	0.00	1594.62	HB45	0.0211	0.7218	0.0000	2.888	2.916	**Left**	HB45	12.00	0.00	4.50	2.56	7.06	18.000	**OK**	0.621	0.687	4.548	4.247		2.916
↑	Grade		2105+10.00	HB45	1593.51	60.39	-2.000%	0.00	1594.72	0.00	-2.000%	0.00	1594.72	HB45	0.0210	0.7149	0.0000	2.860	2.888	**Left**	HB45	12.00	0.00	4.50	2.55	7.05	18.000	**OK**	0.619	0.684	4.519	4.223		2.888
↑	Grade		2105+15.00	HB45	1593.62	60.42	-2.000%	0.00	1594.83	0.00	-2.000%	0.00	1594.83	HB45	0.0208	0.7080	0.0000	2.833	2.860	**Left**	HB45	12.00	0.00	4.50	2.53	7.03	18.000	**OK**	0.617	0.681	4.491	4.199		2.860
↑	Grade		2105+20.00	HB45	1593.72	60.45	-2.000%	0.00	1594.93	0.00	-2.000%	0.00	1594.93	HB45	0.0206	0.7010	0.0000	2.805	2.833	**Left**	HB45	12.00	0.00	4.50	2.51	7.01	18.000	**OK**	0.616	0.678	4.462	4.175		2.833
↑	Grade		2105+25.00	HB45	1593.82	60.47	-2.000%	0.00	1595.03	0.00	-2.000%	0.00	1595.03	HB45	0.0204	0.6941	0.0000	2.777	2.805	**Left**	HB45	12.00	0.00	4.50	2.49	6.99	18.000	**OK**	0.614	0.676	4.433	4.151		2.805
↑	Grade		2105+30.00	HB45	1593.92	60.50	-2.000%	0.00	1595.13	0.00	-2.000%	0.00	1595.13	HB45	0.0202	0.6871	0.0000	2.749	2.777	**Left**	HB45	12.00	0.00	4.50	2.47	6.97	18.000	**OK**	0.612	0.673	4.404	4.127		2.777
↑	Grade		2105+35.00	HB45	1594.02	60.53	-2.000%	0.00	1595.23	0.00	-2.000%	0.00	1595.23	HB45	0.0200	0.6802	0.0000	2.721	2.749	**Left**	HB45	12.00	0.00	4.50	2.45	6.95	18.000	**OK**	0.610	0.670	4.375	4.102		2.749
↑	Grade		2105+40.00	HB45	1594.12	60.56	-2.000%	0.00	1595.33	0.00	-2.000%	0.00	1595.33	HB45	0.0198	0.6733	0.0000	2.693	2.721	**Left**	HB45	12.00	0.00	4.50	2.43	6.93	18.000	**OK**	0.608	0.667	4.346	4.078		2.721
↑	Grade		2105+45.00	HB45	1594.22	60.59	-2.000%	0.00	1595.43	0.00	-2.000%	0.00	1595.43	HB45	0.0196	0.6663	0.0000	2.666	2.693	**Left**	HB45	12.00	0.00	4.50	2.41	6.91	18.000	**OK**	0.607	0.665	4.316	4.053		2.693
↑	Grade		2105+50.00	HB45	1594.31	60.62	-2.000%	0.00	1595.53	0.00	-2.000%	0.00	1595.53	HB45	0.0194	0.6594	0.0000	2.638	2.666	**Left**	HB45	12.00	0.00	4.50	2.39	6.89	18.000	**OK**	0.605	0.662	4.287	4.028		2.666
↑	Grade		2105+55.00	HB45	1594.41	60.65	-2.000%	0.00	1595.62	0.00	-2.000%	0.00	1595.62	HB45	0.0192	0.6524	0.0000	2.610	2.638	**Left**	HB45	12.00	0.00	4.50	2.37	6.87	18.000	**OK**	0.603	0.659	4.257	4.003		2.638
↑	Grade		2105+60.00	HB45	1594.50	60.67	-2.000%	0.00	1595.72	0.00	-2.000%	0.00	1595.72	HB45	0.0190	0.6454	0.0000	2.582	2.610	**Left**	HB45	12.00	0.00	4.50	2.34	6.84	18.000	**OK**	0.601	0.656	4.227	3.979		2.610
↑	Grade		2105+65.00	HB45	1594.60	60.70	-2.000%	0.00	1595.81	0.00	-2.000%	0.00	1595.81	HB45	0.0188	0.6385	0.0000	2.554	2.582	**Left**	HB45	12.00	0.00	4.50	2.32	6.82	18.000	**OK**	0.599	0.653	4.198	3.953		2.582

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2105+70.00	HB45	1594.69	60.73	-2.000%	0.00	1595.90	0.00	-2.000%	0.00	1595.90	HB45	0.0186	0.6315	0.0000	2.526	2.554	**Left**	HB45	12.00	0.00	4.50	2.30	6.80	18.000	**OK**	0.597	0.650	4.168	3.928		2.554
↑	Grade		2105+75.00	HB45	1594.78	60.76	-2.000%	0.00	1596.00	0.00	-2.000%	0.00	1596.00	HB45	0.0185	0.6245	0.0000	2.498	2.526	**Left**	HB45	12.00	0.00	4.50	2.28	6.78	18.000	**OK**	0.595	0.647	4.138	3.903		2.526
↑	Grade		2105+80.00	HB45	1594.87	60.79	-2.000%	0.00	1596.09	0.00	-2.000%	0.00	1596.09	HB45	0.0183	0.6176	0.0000	2.470	2.498	**Left**	HB45	12.00	0.00	4.50	2.26	6.76	18.000	**OK**	0.593	0.644	4.108	3.877		2.498
↑	Grade		2105+85.00	HB45	1594.96	60.82	-2.000%	0.00	1596.18	0.00	-2.000%	0.00	1596.18	HB45	0.0181	0.6106	0.0000	2.442	2.470	**Left**	HB45	12.00	0.00	4.50	2.24	6.74	18.000	**OK**	0.591	0.641	4.077	3.852		2.470
↑	Grade		2105+90.00	HB45	1595.05	60.85	-2.000%	0.00	1596.27	0.00	-2.000%	0.00	1596.27	HB45	0.0179	0.6036	0.0000	2.414	2.442	**Left**	HB45	12.00	0.00	4.50	2.21	6.71	18.000	**OK**	0.589	0.638	4.047	3.826		2.442
↑	Grade		2105+95.00	HB45	1595.14	60.87	-2.000%	0.00	1596.36	0.00	-2.000%	0.00	1596.36	HB45	0.0177	0.5966	0.0000	2.386	2.414	**Left**	HB45	12.00	0.00	4.50	2.19	6.69	18.000	**OK**	0.587	0.635	4.016	3.800		2.414
↑	Grade		2106+00.00	HB45	1595.23	60.90	-2.000%	0.00	1596.44	0.00	-2.000%	0.00	1596.44	HB45	0.0175	0.5896	0.0000	2.358	2.386	**Left**	HB45	12.00	0.00	4.50	2.17	6.67	18.000	**OK**	0.585	0.632	3.986	3.774		2.386
↑	Grade		2106+05.00	HB45	1595.31	60.93	-2.000%	0.00	1596.53	0.00	-2.000%	0.00	1596.53	HB45	0.0173	0.5827	0.0000	2.330	2.358	**Left**	HB45	12.00	0.00	4.50	2.15	6.65	18.000	**OK**	0.583	0.629	3.955	3.748		2.358
↑	Grade		2106+10.00	HB45	1595.40	60.96	-2.000%	0.00	1596.62	0.00	-2.000%	0.00	1596.62	HB45	0.0171	0.5757	0.0000	2.302	2.330	**Left**	HB45	12.00	0.00	4.50	2.12	6.62	18.000	**OK**	0.581	0.626	3.924	3.722		2.330
↑	Grade		2106+15.00	HB45	1595.48	60.99	-2.000%	0.00	1596.70	0.00	-2.000%	0.00	1596.70	HB45	0.0169	0.5687	0.0000	2.274	2.302	**Left**	HB45	12.00	0.00	4.50	2.10	6.60	18.000	**OK**	0.579	0.623	3.893	3.696		2.302
↑	Grade		2106+20.00	HB45	1595.56	61.02	-2.000%	0.00	1596.78	0.00	-2.000%	0.00	1596.78	HB45	0.0167	0.5617	0.0000	2.246	2.274	**Left**	HB45	12.00	0.00	4.50	2.07	6.57	18.000	**OK**	0.577	0.620	3.862	3.669		2.274
↑	Grade		2106+25.00	HB45	1595.65	61.05	-2.000%	0.00	1596.87	0.00	-2.000%	0.00	1596.87	HB45	0.0165	0.5547	0.0000	2.218	2.246	**Left**	HB45	12.00	0.00	4.50	2.05	6.55	18.000	**OK**	0.575	0.617	3.831	3.643		2.246
↑	Grade		2106+30.00	HB45	1595.73	61.07	-2.000%	0.00	1596.95	0.00	-2.000%	0.00	1596.95	HB45	0.0163	0.5477	0.0000	2.190	2.218	**Left**	HB45	12.00	0.00	4.50	2.03	6.53	18.000	**OK**	0.572	0.613	3.799	3.616		2.218
↑	Grade		2106+35.00	HB45	1595.81	61.10	-2.000%	0.00	1597.03	0.00	-2.000%	0.00	1597.03	HB45	0.0161	0.5406	0.0000	2.162	2.190	**Left**	HB45	12.00	0.00	4.50	2.00	6.50	18.000	**OK**	0.570	0.610	3.768	3.589		2.190
↑	Grade		2106+40.00	HB45	1595.89	61.13	-2.000%	0.00	1597.11	0.00	-2.000%	0.00	1597.11	HB45	0.0160	0.5336	0.0000	2.133	2.162	**Left**	HB45	12.00	0.00	4.50	1.98	6.48	18.000	**OK**	0.568	0.607	3.736	3.562		2.162
↑	Grade		2106+45.00	HB45	1595.96	61.16	-2.000%	0.00	1597.19	0.00	-2.000%	0.00	1597.19	HB45	0.0158	0.5266	0.0000	2.105	2.133	**Left**	HB45	12.00	0.00	4.50	1.95	6.45	18.000	**OK**	0.566	0.604	3.704	3.534		2.133
↑	Grade		2106+50.00	HB45	1596.04	61.19	-2.000%	0.00	1597.26	0.00	-2.000%	0.00	1597.26	HB45	0.0156	0.5196	0.0000	2.077	2.105	**Left**	HB45	12.00	0.00	4.50	1.92	6.42	18.000	**OK**	0.563	0.600	3.672	3.507		2.105
↑	Grade		2106+55.00	HB45	1596.12	61.22	-2.000%	0.00	1597.34	0.00	-2.000%	0.00	1597.34	HB45	0.0154	0.5126	0.0000	2.049	2.077	**Left**	HB45	12.00	0.00	4.50	1.90	6.40	18.000	**OK**	0.561	0.597	3.640	3.479		2.077
↑	Grade		2106+60.00	HB45	1596.19	61.24	-2.000%	0.00	1597.42	0.00	-2.000%	0.00	1597.42	HB45	0.0152	0.5056	0.0000	2.021	2.049	**Left**	HB45	12.00	0.00	4.50	1.87	6.37	18.000	**OK**	0.559	0.594	3.608	3.452		2.049
↑	Grade		2106+65.00	HB45	1596.27	61.27	-2.000%	0.00	1597.49	0.00	-2.000%	0.00	1597.49	HB45	0.0150	0.4985	0.0000	1.993	2.021	**Left**	HB45	12.00	0.00	4.50	1.85	6.35	18.000	**OK**	0.556	0.590	3.575	3.424		2.021
↑	Grade		2106+70.00	HB45	1596.34	61.30	-2.000%	0.00	1597.57	0.00	-2.000%	0.00	1597.57	HB45	0.0148	0.4915	0.0000	1.964	1.993	**Left**	HB45	12.00	0.00	4.50	1.82	6.32	18.000	**OK**	0.554	0.587	3.543	3.396		1.993
↑	Grade		2106+75.00	HB45	1596.41	61.33	-2.000%	0.00	1597.64	0.00	-2.000%	0.00	1597.64	HB45	0.0146	0.4845	0.0000	1.936	1.964	**Left**	HB45	12.00	0.00	4.50	1.79	6.29	18.000	**OK**	0.551	0.583	3.510	3.367		1.964
↑	Grade		2106+80.00	HB45	1596.48	61.36	-2.000%	0.00	1597.71	0.00	-2.000%	0.00	1597.71	HB45	0.0144	0.4774	0.0000	1.908	1.936	**Left**	HB45	12.00	0.00	4.50	1.76	6.26	18.000	**OK**	0.549	0.580	3.477	3.339		1.936
↑	Grade		2106+85.00	HB45	1596.55	61.39	-2.000%	0.00	1597.78	0.00	-2.000%	0.00	1597.78	HB45	0.0142	0.4704	0.0000	1.880	1.908	**Left**	HB45	12.00	0.00	4.50	1.74	6.24	18.000	**OK**	0.546	0.576	3.444	3.310		1.908
↑	Grade		2106+90.00	HB45	1596.62	61.42	-2.000%	0.00	1597.85	0.00	-2.000%	0.00	1597.85	HB45	0.0140	0.4633	0.0000	1.851	1.880	**Left**	HB45	12.00	0.00	4.50	1.71	6.21	18.000	**OK**	0.544	0.573	3.411	3.281		1.880
↑	Grade		2106+95.00	HB45	1596.69	61.44	-2.000%	0.00	1597.92	0.00	-2.000%	0.00	1597.92	HB45	0.0138	0.4563	0.0000	1.823	1.851	**Left**	HB45	12.00	0.00	4.50	1.68	6.18	18.000	**OK**	0.541	0.569	3.377	3.252		1.851
↑	Grade		2107+00.00	HB45	1596.76	61.47	-2.000%	0.00	1597.99	0.00	-2.000%	0.00	1597.99	HB45	0.0136	0.4492	0.0000	1.795	1.823	**Left**	HB45	12.00	0.00	4.50	1.65	6.15	18.000	**OK**	0.538	0.566	3.343	3.223		1.823
↑	Grade		2107+05.00	HB45	1596.83	61.50	-2.000%	0.00	1598.06	0.00	-2.000%	0.00	1598.06	HB45	0.0134	0.4422	0.0000	1.767	1.795	**Left**	HB45	12.00	0.00	4.50	1.62	6.12	18.000	**OK**	0.536	0.562	3.310	3.194		1.795
↑	Grade		2107+10.00	HB45	1596.89	61.53	-2.000%	0.00	1598.12	0.00	-2.000%	0.00	1598.12	HB45	0.0133	0.4351	0.0000	1.738	1.767	**Left**	HB45	12.00	0.00	4.50	1.59	6.09	18.000	**OK**	0.533	0.558	3.276	3.164		1.767
↑	Grade		2107+15.00	HB45	1596.96	61.56	-2.000%	0.00	1598.19	0.00	-2.000%	0.00	1598.19	HB45	0.0131	0.4281	0.0000	1.710	1.738	**Left**	HB45	12.00	0.00	4.50	1.56	6.06	18.000	**OK**	0.530	0.555	3.241	3.134		1.738
↑	Grade		2107+20.00	HB45	1597.02	61.59	-2.000%	0.00	1598.25	0.00	-2.000%	0.00	1598.25	HB45	0.0129	0.4210	0.0000	1.682	1.710	**Left**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.528	0.551	3.207	3.104		1.710
↑	Grade		2107+25.00	HB45	1597.08	61.62	-2.000%	0.00	1598.32	0.00	-2.000%	0.00	1598.32	HB45	0.0127	0.4139	0.0000	1.653	1.682	**Left**	HB45	12.00	0.00	4.50	1.50	6.00	18.000	**OK**	0.525	0.547	3.173	3.074		1.682
↑	Grade		2107+30.00	HB45	1597.15	61.64	-2.000%	0.00	1598.38	0.00	-2.000%	0.00	1598.38	HB45	0.0125	0.4069	0.0000	1.625	1.653	**Left**	HB45	12.00	0.00	4.50	1.46	5.96	18.000	**OK**	0.522	0.543	3.138	3.043		1.653
↑	Grade		2107+35.00	HB45	1597.21	61.67	-2.000%	0.00	1598.44	0.00	-2.000%	0.00	1598.44	HB45	0.0123	0.3998	0.0000	1.597	1.625	**Left**	HB45	12.00	0.00	4.50	1.43	5.93	18.000	**OK**	0.519	0.539	3.103	3.012		1.625
↑	Grade		2107+40.00	HB45	1597.27	61.70	-2.000%	0.00	1598.50	0.00	-2.000%	0.00	1598.50	HB45	0.0121	0.3927	0.0000	1.568	1.597	**Left**	HB45	12.00	0.00	4.50	1.40	5.90	18.000	**OK**	0.516	0.536	3.068	2.981		1.597
↑	Grade		2107+45.00	HB45	1597.33	61.73	-2.000%	0.00	1598.56	0.00	-2.000%	0.00	1598.56	HB45	0.0119	0.3856	0.0000	1.540	1.568	**Left**	HB45	12.00	0.00	4.50	1.37	5.87	18.000	**OK**	0.513	0.532	3.032	2.950		1.568
↑	Grade		2107+50.00	HB45	1597.38	61.76	-2.000%	0.00	1598.62	0.00	-2.000%	0.00	1598.62	HB45	0.0117	0.3785	0.0000	1.511	1.540	**Left**	HB45	12.00	0.00	4.50	1.33	5.83	18.000	**OK**	0.510	0.528	2.997	2.919		1.540
↑	Grade		2107+55.00	HB45	1597.44	61.79	-2.000%	0.00	1598.68	0.00	-2.000%	0.00	1598.68	HB45	0.0115	0.3715	0.0000	1.483	1.511	**Left**	HB45	12.00	0.00	4.50	1.30	5.80	18.000	**OK**	0.507	0.524	2.961	2.887		1.511
↑	Grade		2107+60.00	HB45	1597.50	61.82	-2.000%	0.00	1598.73	0.00	-2.000%	0.00	1598.73	HB45	0.0113	0.3644	0.0000	1.455	1.483	**Left**	HB45	12.00	0.00	4.50	1.26	5.76	18.000	**OK**	0.504	0.519	2.925	2.855		1.483
↑	Grade		2107+65.00	HB45	1597.55	61.84	-2.000%	0.00	1598.79	0.00	-2.000%	0.00	1598.79	HB45	0.0111	0.3573	0.0000	1.426	1.455	**Left**	HB45	12.00	0.00	4.50	1.23	5.73	18.000	**OK**	0.500	0.515	2.889	2.823		1.455
↑	Grade		2107+70.00	HB45	1597.61	61.87	-2.000%	0.00	1598.84	0.00	-2.000%	0.00	1598.84	HB45	0.0109	0.3502	0.0000	1.398	1.426	**Left**	HB45	12.00	0.00	4.50	1.19	5.69	18.000	**OK**	0.497	0.511	2.852	2.790		1.426
↑	Grade		2107+75.00	HB45	1597.66	61.90	-2.000%	0.00	1598.90	0.00	-2.000%	0.00	1598.90	HB45	0.0108	0.3431	0.0000	1.369	1.398	**Left**	HB45	12.00	0.00	4.50	1.15	5.65	18.000	**OK**	0.494	0.507	2.815	2.757		1.398
↑	Grade		2107+80.00	HB45	1597.71	61.93	-2.000%	0.00	1598.95	0.00	-2.000%	0.00	1598.95	HB45	0.0106	0.3360	0.0000	1.341	1.369	**Left**	HB45	12.00	0.00	4.50	1.11	5.61	18.000	**OK**	0.490	0.503	2.778	2.724		1.369
↑	Grade		2107+85.00	HB45	1597.76	61.96	-2.000%	0.00	1599.00	0.00	-2.000%	0.00	1599.00	HB45	0.0104	0.3289	0.0000	1.312	1.341	**Left**	HB45	12.00	0.00	4.50	1.08	5.58	18.000	**OK**	0.487	0.498	2.741	2.690		1.341
↑	Grade		2107+90.00	HB45	1597.81	61.99	-2.000%	0.00	1599.05	0.00	-2.000%	0.00	1599.05	HB45	0.0102	0.3218	0.0000	1.284	1.312	**Left**	HB45	12.00	0.00	4.50	1.04	5.54	18.000	**OK**	0.483	0.494	2.704	2.656		1.312
↑	Grade		2107+95.00	HB45	1597.86	62.02	-2.000%	0.00	1599.10	0.00	-2.000%	0.00	1599.10	HB45	0.0100	0.3146	0.0000	1.255	1.284	**Left**	HB45	12.00	0.00	4.50	1.00	5.50	18.000	**OK**	0.480	0.490	2.666	2.622		1.284
↑	Grade		2108+00.00	HB45	1597.91	62.04	-2.000%	0.00	1599.15	0.00	-2.000%	0.00	1599.15	HB45	0.0098	0.3075	0.0000	1.227	1.255	**Left**	HB45	12.00	0.00	4.50	0.95	5.45	18.000	**OK**	0.476	0.485	2.628	2.588		1.255
↑	Grade		2108+05.00	HB45	1597.96	62.07	-2.000%	0.00	1599.20	0.00	-2.000%	0.00	1599.20	HB45	0.0096	0.3004	0.0000	1.198	1.227	**Left**	HB45	12.00	0.00	4.50	0.91	5.41	18.000	**OK**	0.472	0.480	2.589	2.553		1.227
↑	Grade		2108+10.00	HB45	1598.01	62.10	-2.000%	0.00	1599.25	0.00	-2.000%	0.00	1599.25	HB45	0.0094	0.2933	0.0000	1.169	1.198	**Left**	HB45	12.00	0.00	4.50	0.87	5.37	18.000	**OK**	0.468	0.476	2.551	2.517		1.198
↑	Grade		2108+15.00	HB45	1598.05	62.13	-2.000%	0.00	1599.29	0.00	-2.000%	0.00	1599.29	HB45	0.0092	0.2862	0.0000	1.141	1.169	**Left**	HB45	12.00	0.00	4.50	0.83	5.33	18.000	**OK**	0.464	0.471	2.512	2.482		1.169
↑	Grade		2108+20.00	HB45	1598.10	62.16	-2.000%	0.00	1599.34	0.00	-2.000%	0.00	1599.34	HB45	0.0090	0.2790	0.0000	1.112	1.141	**Left**	HB45	12.00	0.00	4.50	0.78	5.28	18.000	**OK**	0.460	0.466	2.473	2.446		1.141
↑	Grade		2108+25.00	HB45	1598.14	62.19	-2.000%	0.00	1599.38	0.00	-2.000%	0.00	1599.38	HB45	0.0088	0.2719	0.0000	1.084	1.112	**Left**	HB45	12.00	0.00	4.50	0.74	5.24	18.000	**OK**	0.456	0.462	2.433	2.409		1.112
↑	Grade		2108+30.00	HB45	1598.18	62.21	-2.000%	0.00	1599.43	0.00	-2.000%	0.00	1599.43	HB45	0.0086	0.2648	0.0000	1.055	1.084	**Left**	HB45	12.00	0.00	4.50	0.69	5.19	18.000	**OK**	0.452	0.457	2.393	2.372		1.084
↑	Grade		2108+35.00	HB45	1598.22	62.24	-2.000%	0.00	1599.47	0.00	-2.000%	0.00	1599.47	HB45	0.0084	0.2576	0.0000	1.026	1.055	**Left**	HB45	12.00	0.00	4.50	0.64	5.14	18.000	**OK**	0.448	0.452	2.353	2.335		1.055
↑	Grade		2108+40.00	HB45	1598.26	62.27	-2.000%	0.00	1599.51	0.00	-2.000%	0.00	1599.51	HB45	0.0083	0.2505	0.0000	0.998	1.026	**Left**	HB45	12.00	0.00	4.50	0.59	5.09	18.000	**OK**	0.443	0.447	2.312	2.297		1.026
↑	Grade		2108+45.00	HB45	1598.30	62.30	-2.000%	0.00	1599.55	0.00	-2.000%	0.00	1599.55	HB45	0.0081	0.2433	0.0000	0.969	0.998	**Left**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.439	0.442	2.272	2.259		0.998
↑	Grade		2108+50.00	HB45	1598.34	62.33	-2.000%	0.00	1599.59	0.00	-2.000%	0.00	1599.59	HB45	0.0079	0.2362	0.0000	0.940	0.969	**Left**	HB45	12.00	0.00	4.50	0.49	4.99	18.000	**OK**	0.434	0.437	2.230	2.220		0.969
↑	Grade		2108+55.00	HB45	1598.38	62.36	-2.000%	0.00	1599.63	0.00	-2.000%	0.00	1599.63	HB45	0.0077	0.2290	0.0000	0.912	0.940	**Left**	HB45	12.00	0.00	4.50	0.44	4.94	18.000	**OK**	0.429	0.431	2.189	2.180		0.940
↑	Grade		2108+60.00	HB45	1598.42	62.39	-2.000%	0.00	1599.66	0.00	-2.000%	0.00	1599.66	HB45	0.0075	0.2219	0.0000	0.883	0.912	**Left**	HB45	12.00	0.00	4.50	0.38	4.88	18.000	**OK**	0.425	0.426	2.147	2.140		0.912
↑	Grade		2108+65.00	HB45	1598.45	62.41	-2.000%	0.00	1599.70	0.00	-2.000%	0.00	1599.70	HB45	0.0073	0.2147	0.0000	0.854	0.883	**Left**	HB45	12.00	0.00	4.50	0.33	4.83	18.000	**OK**	0.420	0.421	2.104	2.099		0.883
↑	Grade		2108+70.00	HB45	1598.49	62.44	-2.000%	0.00	1599.74	0.00	-2.000%	0.00	1599.74	HB45	0.0071	0.2075	0.0000	0.826	0.854	**Left**	HB45	12.00	0.00	4.50	0.27	4.77	18.000	**OK**	0.414	0.415	2.061	2.058		0.854
↑	Grade		2108+75.00	HB45	1598.52	62.47	-2.000%	0.00	1599.77	0.00	-2.000%	0.00	1599.77	HB45	0.0069	0.2004	0.0000	0.797	0.826	**Left**	HB45	12.00	0.00	4.50	0.21	4.71	18.000	**OK**	0.409	0.410	2.018	2.016		0.826
↑	Grade		2108+80.00	HB45	1598.55	62.50	-2.000%	0.00	1599.80	0.00	-2.000%	0.00	1599.80	HB45	0.0067	0.1932	0.0000	0.768	0.797	**Left**	HB45	12.00	0.00	4.50	0.15	4.65	18.000	**OK**	0.404	0.404	1.974	1.973		0.797
↑	Grade		2108+85.00	HB45	1598.85	49.50	-2.000%	0.00	1599.84	0.00	-2.000%	0.00	1599.84	HB45	0.0065	0.1860	0.0000	0.742	0.768	**Left**	HB45	12.00	0.00	4.50	0.09	4.59	18.000	**OK**	0.398	0.398	1.930	1.930		0.768
↑	Grade		2108+90.00	HB45	1598.88	49.46	-2.000%	0.00	1599.87	0.00	-2.000%	0.00	1599.87	HB45	0.0063	0.1796	0.0000	0.720	0.742	**Left**	HB45	12.00	0.00	4.50	0.03	4.53	18.000	**OK**	0.393	0.393	1.888	1.888		0.742
↑	Grade		2108+95.00	HB45	1598.91	49.43	-2.000%	0.00	1599.90	0.00	-2.000%	0.00	1599.90	HB45	0.0061	0.1739	0.0000	0.697	0.720	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.389	0.389	1.849	1.849		0.720
↑	Grade		2109+00.00	HB45	1598.94	49.39	-2.000%	0.00	1599.93	0.00	-2.000%	0.00	1599.93	HB45	0.0059	0.1683	0.0000	0.674	0.697	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.385	0.385	1.809	1.809		0.697
↑	Grade		2109+05.00	HB45	1598.97	49.35	-2.000%	0.00	1599.96	0.00	-2.000%	0.00	1599.96	HB45	0.0058	0.1626	0.0000	0.651	0.674	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.381	0.381	1.769	1.769		0.674
↑	Grade		2109+10.00	HB45	1599.00	49.31	-2.000%	0.00	1599.99	0.00	-2.000%	0.00	1599.99	HB45	0.0056	0.1569	0.0000	0.629	0.651	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.377	0.377	1.728	1.728		0.651
↑	Grade		2109+15.00	HB45	1599.03	49.28	-2.000%	0.00	1600.01	0.00	-2.000%	0.00	1600.01	HB45	0.0054	0.1513	0.0000	0.606	0.629	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	1.687	1.687		0.629
↑	Grade		2109+20.00	HB45	1599.05	49.24	-2.000%	0.00	1600.04	0.00	-2.000%	0.00	1600.04	HB45	0.0052	0.1456	0.0000	0.583	0.606	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.368	0.368	1.645	1.645		0.606
↑	Grade		2109+25.00	HB45	1599.08	49.20	-2.000%	0.00	1600.06	0.00	-2.000%	0.00	1600.06	HB45	0.0050	0.1399	0.0000	0.561	0.583	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.364	0.364	1.603	1.603		0.583
↑	Grade		2109+30.00	HB45	1599.10	49.16	-2.000%	0.00	1600.09	0.00	-2.000%	0.00	1600.09	HB45	0.0048	0.1343	0.0000	0.538	0.561	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.359	0.359	1.561	1.561		0.561
↑	Grade		2109+35.00	HB45	1599.13	49.13	-2.000%	0.00	1600.11	0.00	-2.000%	0.00	1600.11	HB45	0.0046	0.1287	0.0000	0.515	0.538	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.354	0.354	1.518	1.518		0.538

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2109+40.00	HB45	1599.15	49.09	-2.000%	0.00	1600.13	0.00	-2.000%	0.00	1600.13	HB45	0.0044	0.1230	0.0000	0.493	0.515	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.349	0.349	1.475	1.475		0.515
↑	Grade		2109+45.00	HB45	1599.17	49.05	-2.000%	0.00	1600.15	0.00	-2.000%	0.00	1600.15	HB45	0.0042	0.1174	0.0000	0.470	0.493	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.344	0.344	1.431	1.431		0.493
↑	Grade		2109+50.00	HB45	1599.19	49.01	-2.000%	0.00	1600.17	0.00	-2.000%	0.00	1600.17	HB45	0.0040	0.1117	0.0000	0.448	0.470	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.339	0.339	1.386	1.386		0.470
↑	Grade		2109+55.00	HB45	1599.21	48.98	-2.000%	0.00	1600.19	0.00	-2.000%	0.00	1600.19	HB45	0.0038	0.1061	0.0000	0.425	0.448	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.334	0.334	1.341	1.341		0.448
↑	Grade		2109+60.00	HB45	1599.23	48.94	-2.000%	0.00	1600.21	0.00	-2.000%	0.00	1600.21	HB45	0.0036	0.1005	0.0000	0.403	0.425	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.328	0.328	1.295	1.295		0.425
↑	Grade		2109+65.00	HB45	1599.25	48.90	-2.000%	0.00	1600.23	0.00	-2.000%	0.00	1600.23	HB45	0.0034	0.0949	0.0000	0.380	0.403	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.322	0.322	1.248	1.248		0.403
↑	Grade		2109+70.00	HB45	1599.27	48.86	-2.000%	0.00	1600.24	0.00	-2.000%	0.00	1600.24	HB45	0.0033	0.0893	0.0000	0.358	0.380	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.316	0.316	1.201	1.201		0.380
↑	Grade		2109+75.00	HB45	1599.28	48.83	-2.000%	0.00	1600.26	0.00	-2.000%	0.00	1600.26	HB45	0.0031	0.0836	0.0000	0.335	0.358	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.310	0.310	1.153	1.153		0.358
↑	Grade		2109+80.00	HB45	1599.30	48.79	-2.000%	0.00	1600.27	0.00	-2.000%	0.00	1600.27	HB45	0.0029	0.0780	0.0000	0.313	0.335	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.304	0.304	1.104	1.104		0.335
↑	Grade		2109+85.00	HB45	1599.31	48.75	-2.000%	0.00	1600.29	0.00	-2.000%	0.00	1600.29	HB45	0.0027	0.0724	0.0000	0.290	0.313	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.297	0.297	1.054	1.054		0.313
↑	Grade		2109+90.00	HB45	1599.33	48.71	-2.000%	0.00	1600.30	0.00	-2.000%	0.00	1600.30	HB45	0.0025	0.0668	0.0000	0.268	0.290	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.289	0.289	1.003	1.003		0.290
↑	Grade		2109+95.00	HB45	1599.34	48.68	-2.000%	0.00	1600.31	0.00	-2.000%	0.00	1600.31	HB45	0.0023	0.0612	0.0000	0.245	0.268	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.282	0.282	0.950	0.950		0.268
↑	Grade		2110+00.00	HB45	1599.35	48.64	-2.000%	0.00	1600.32	0.00	-2.000%	0.00	1600.32	HB45	0.0021	0.0557	0.0000	0.223	0.245	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.274	0.274	0.897	0.897		0.245
↑	Grade		2110+05.00	HB45	1599.36	48.60	-2.000%	0.00	1600.33	0.00	-2.000%	0.00	1600.33	HB45	0.0019	0.0501	0.0000	0.201	0.223	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.265	0.265	0.842	0.842		0.223
↑	Grade		2110+10.00	HB45	1599.37	48.56	-2.000%	0.00	1600.34	0.00	-2.000%	0.00	1600.34	HB45	0.0017	0.0445	0.0000	0.178	0.201	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.256	0.256	0.785	0.785		0.201
↑	Grade		2110+15.00	HB45	1599.38	48.53	-2.000%	0.00	1600.35	0.00	-2.000%	0.00	1600.35	HB45	0.0015	0.0389	0.0000	0.156	0.178	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.245	0.245	0.726	0.726		0.178
↑	Grade		2110+20.00	HB45	1599.38	48.49	-2.000%	0.00	1600.35	0.00	-2.000%	0.00	1600.35	HB45	0.0013	0.0333	0.0000	0.134	0.156	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.234	0.234	0.665	0.665		0.156
↑	Grade		2110+25.00	HB45	1599.39	48.45	-2.000%	0.00	1600.36	0.00	-2.000%	0.00	1600.36	HB45	0.0011	0.0278	0.0000	0.111	0.134	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.222	0.222	0.602	0.602		0.134
↑	Grade		2110+30.00	HB45	1599.40	48.41	-2.000%	0.00	1600.36	0.00	-2.000%	0.00	1600.36	HB45	0.0009	0.0222	0.0000	0.089	0.111	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.208	0.208	0.535	0.535		0.111
↑	Grade		2110+35.00	HB45	1599.40	48.38	-2.000%	0.00	1600.37	0.00	-2.000%	0.00	1600.37	HB45	0.0007	0.0167	0.0000	0.067	0.089	**Left**	HB45	12.00	0.00	4.38	0.00	4.38	18.000	**OK**	0.191	0.191	0.465	0.465		0.089
↑	Grade		2110+40.00	HB45	1599.40	48.34	-2.000%	0.00	1600.37	0.00	-2.000%	0.00	1600.37	HB45	0.0006	0.0111	0.0000	0.044	0.067	**Left**	HB45	12.00	0.00	4.15	0.00	4.15	18.000	**OK**	0.172	0.172	0.387	0.387		0.067
↑	Grade		2110+45.00	HB45	1599.41	48.30	-2.000%	0.00	1600.37	0.00	-2.000%	0.00	1600.37	HB45	0.0004	0.0055	0.0000	0.022	0.044	**Left**	HB45	12.00	0.00	3.86	0.00	3.86	18.000	**OK**	0.149	0.149	0.298	0.298		0.044
↑	Crest		2110+50.00	HB45	1599.41	48.26	-2.000%	0.00	1600.37	0.00	-2.000%	0.00	1600.37	HB45	0.0002	0.0000	0.0000	0.000	0.022	**Left**	HB45	12.00	0.00	3.43	0.00	3.43	18.000	**OK**	0.118	0.118	0.189	0.189		0.022
↓	Grade		2110+55.00	HB45	1599.41	48.23	-2.000%	0.00	1600.37	0.00	-2.000%	0.00	1600.37	HB45	0.0000	0.0055	0.0000	0.022	0.044	**Left**	HB45	12.00	0.00	4.50	0.14	4.64	18.000	**OK**	0.403	0.403	0.110	0.110		0.044
↓	Grade		2110+60.00	HB45	1599.41	48.19	-2.000%	0.00	1600.37	0.00	-2.000%	0.00	1600.37	HB45	-0.0002	0.0111	0.0000	0.044	0.067	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.245	0.245	0.272	0.272		0.067
↓	Grade		2110+65.00	HB45	1599.41	48.15	-2.000%	0.00	1600.37	0.00	-2.000%	0.00	1600.37	HB45	-0.0004	0.0166	0.0000	0.067	0.089	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.239	0.239	0.371	0.371		0.089
↓	Grade		2110+70.00	HB45	1599.41	48.11	-2.000%	0.00	1600.37	0.00	-2.000%	0.00	1600.37	HB45	-0.0006	0.0221	0.0000	0.089	0.111	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.244	0.244	0.455	0.455		0.111
↓	Grade		2110+75.00	HB45	1599.40	48.08	-2.000%	0.00	1600.36	0.00	-2.000%	0.00	1600.36	HB45	-0.0008	0.0276	0.0000	0.111	0.133	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.251	0.251	0.530	0.530		0.133
↓	Grade		2110+80.00	HB45	1599.40	48.04	-2.000%	0.00	1600.36	0.00	-2.000%	0.00	1600.36	HB45	-0.0010	0.0332	0.0000	0.133	0.155	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	0.599	0.599		0.155
↓	Grade		2110+85.00	HB45	1599.39	48.00	-2.000%	0.00	1600.35	0.00	-2.000%	0.00	1600.35	HB45	-0.0012	0.0387	0.0000	0.155	0.177	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.267	0.267	0.664	0.664		0.177
↓	Grade		2110+90.00	HB45	1599.15	60.00	-2.000%	0.00	1600.35	0.00	-2.000%	0.00	1600.35	HB45	-0.0014	0.0449	0.0000	0.177	0.202	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.277	0.277	0.729	0.729		0.202
↓	Grade		2110+95.00	HB45	1599.14	60.06	-2.000%	0.00	1600.34	0.00	-2.000%	0.00	1600.34	HB45	-0.0016	0.0518	0.0000	0.202	0.230	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.289	0.289	0.795	0.795		0.230
↓	Grade		2111+00.00	HB45	1599.13	60.12	-2.000%	0.00	1600.33	0.00	-2.000%	0.00	1600.33	HB45	-0.0018	0.0587	0.0000	0.230	0.257	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.300	0.300	0.858	0.858		0.257
↓	Grade		2111+05.00	HB45	1599.12	60.18	-2.000%	0.00	1600.32	0.00	-2.000%	0.00	1600.32	HB45	-0.0019	0.0656	0.0000	0.257	0.285	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.310	0.310	0.919	0.919		0.285
↓	Grade		2111+10.00	HB45	1599.10	60.23	-2.000%	0.00	1600.31	0.00	-2.000%	0.00	1600.31	HB45	-0.0021	0.0725	0.0000	0.285	0.313	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.319	0.319	0.979	0.979		0.313
↓	Grade		2111+15.00	HB45	1599.09	60.29	-2.000%	0.00	1600.30	0.00	-2.000%	0.00	1600.30	HB45	-0.0023	0.0794	0.0000	0.313	0.340	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.328	0.328	1.037	1.037		0.340
↓	Grade		2111+20.00	HB45	1599.08	60.35	-2.000%	0.00	1600.28	0.00	-2.000%	0.00	1600.28	HB45	-0.0025	0.0863	0.0000	0.340	0.368	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.337	0.337	1.094	1.094		0.368
↓	Grade		2111+25.00	HB45	1599.06	60.41	-2.000%	0.00	1600.27	0.00	-2.000%	0.00	1600.27	HB45	-0.0027	0.0932	0.0000	0.368	0.396	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.345	0.345	1.149	1.149		0.396
↓	Grade		2111+30.00	HB45	1599.05	60.47	-2.000%	0.00	1600.26	0.00	-2.000%	0.00	1600.26	HB45	-0.0029	0.1002	0.0000	0.396	0.424	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.352	0.352	1.203	1.203		0.424
↓	Grade		2111+35.00	HB45	1599.03	60.53	-2.000%	0.00	1600.24	0.00	-2.000%	0.00	1600.24	HB45	-0.0031	0.1071	0.0000	0.424	0.452	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.359	0.359	1.256	1.256		0.452
↓	Grade		2111+40.00	HB45	1599.01	60.59	-2.000%	0.00	1600.22	0.00	-2.000%	0.00	1600.22	HB45	-0.0033	0.1141	0.0000	0.452	0.480	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.366	0.366	1.309	1.309		0.480
↓	Grade		2111+45.00	HB45	1598.99	60.64	-2.000%	0.00	1600.21	0.00	-2.000%	0.00	1600.21	HB45	-0.0035	0.1210	0.0000	0.480	0.507	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	1.360	1.360		0.507
↓	Grade		2111+50.00	HB45	1598.97	60.70	-2.000%	0.00	1600.19	0.00	-2.000%	0.00	1600.19	HB45	-0.0037	0.1280	0.0000	0.507	0.535	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.380	0.380	1.411	1.411		0.535
↓	Grade		2111+55.00	HB45	1598.95	60.76	-2.000%	0.00	1600.17	0.00	-2.000%	0.00	1600.17	HB45	-0.0039	0.1350	0.0000	0.535	0.563	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.386	0.386	1.460	1.460		0.563
↓	Grade		2111+60.00	HB45	1598.93	60.82	-2.000%	0.00	1600.15	0.00	-2.000%	0.00	1600.15	HB45	-0.0041	0.1419	0.0000	0.563	0.591	**Left**	HB45	12.00	0.00	4.50	0.02	4.52	18.000	**OK**	0.392	0.392	1.510	1.510		0.591
↓	Grade		2111+65.00	HB45	1598.91	60.88	-2.000%	0.00	1600.13	0.00	-2.000%	0.00	1600.13	HB45	-0.0043	0.1489	0.0000	0.591	0.619	**Left**	HB45	12.00	0.00	4.50	0.08	4.58	18.000	**OK**	0.398	0.398	1.558	1.558		0.619
↓	Grade	**3**	2111+70.00	HB45	1598.89	60.94	-2.000%	0.00	1600.11	0.00	-2.000%	0.00	1600.11	HB45	-0.0044	0.1559	0.0000	0.619	0.647	**Left**	HB45	12.00	0.00	4.50	0.15	4.65	18.000	**OK**	0.403	0.403	1.606	1.605	3	0.647
↓	Grade		2111+75.00	HB45	1598.86	61.00	-2.000%	0.00	1600.08	0.00	-2.000%	0.00	1600.08	HB45	-0.0046	0.1629	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	2.02	0.00	2.02	18.000	**OK**	0.041	0.041	0.690	0.690		0.028
↓	Grade		2111+80.00	HB45	1598.84	61.05	-2.000%	0.00	1600.06	0.00	-2.000%	0.00	1600.06	HB45	-0.0048	0.1699	0.0000	0.028	0.056	**Left**	HB45	12.00	0.00	2.60	0.00	2.60	18.000	**OK**	0.067	0.067	0.833	0.833		0.056
↓	Grade		2111+85.00	HB45	1598.81	61.11	-2.000%	0.00	1600.03	0.00	-2.000%	0.00	1600.03	HB45	-0.0050	0.1769	0.0000	0.056	0.084	**Left**	HB45	12.00	0.00	3.00	0.00	3.00	18.000	**OK**	0.090	0.090	0.936	0.936		0.084
↓	Grade		2111+90.00	HB45	1598.78	61.17	-2.000%	0.00	1600.01	0.00	-2.000%	0.00	1600.01	HB45	-0.0052	0.1840	0.0000	0.084	0.112	**Left**	HB45	12.00	0.00	3.32	0.00	3.32	18.000	**OK**	0.110	0.110	1.020	1.020		0.112
↓	Grade		2111+95.00	HB45	1598.76	61.23	-2.000%	0.00	1599.98	0.00	-2.000%	0.00	1599.98	HB45	-0.0054	0.1910	0.0000	0.112	0.141	**Left**	HB45	12.00	0.00	3.59	0.00	3.59	18.000	**OK**	0.129	0.129	1.094	1.094		0.141
↓	Grade		2112+00.00	HB45	1598.73	61.29	-2.000%	0.00	1599.95	0.00	-2.000%	0.00	1599.95	HB45	-0.0056	0.1980	0.0000	0.141	0.169	**Left**	HB45	12.00	0.00	3.81	0.00	3.81	18.000	**OK**	0.146	0.146	1.160	1.160		0.169
↓	Grade		2112+05.00	HB45	1598.70	61.35	-2.000%	0.00	1599.92	0.00	-2.000%	0.00	1599.92	HB45	-0.0058	0.2051	0.0000	0.169	0.197	**Left**	HB45	12.00	0.00	4.02	0.00	4.02	18.000	**OK**	0.161	0.161	1.221	1.221		0.197
↓	Grade		2112+10.00	HB45	1598.67	61.41	-2.000%	0.00	1599.89	0.00	-2.000%	0.00	1599.89	HB45	-0.0060	0.2121	0.0000	0.197	0.225	**Left**	HB45	12.00	0.00	4.20	0.00	4.20	18.000	**OK**	0.176	0.176	1.278	1.278		0.225
↓	Grade		2112+15.00	HB45	1598.63	61.46	-2.000%	0.00	1599.86	0.00	-2.000%	0.00	1599.86	HB45	-0.0062	0.2191	0.0000	0.225	0.253	**Left**	HB45	12.00	0.00	4.36	0.00	4.36	18.000	**OK**	0.190	0.190	1.332	1.332		0.253
↓	Grade		2112+20.00	HB45	1598.60	61.52	-2.000%	0.00	1599.83	0.00	-2.000%	0.00	1599.83	HB45	-0.0064	0.2262	0.0000	0.253	0.282	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.204	0.204	1.384	1.384		0.282
↓	Grade		2112+25.00	HB45	1598.57	61.58	-2.000%	0.00	1599.80	0.00	-2.000%	0.00	1599.80	HB45	-0.0066	0.2333	0.0000	0.282	0.310	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.216	0.216	1.434	1.434		0.310
↓	Grade		2112+30.00	HB45	1598.53	61.64	-2.000%	0.00	1599.76	0.00	-2.000%	0.00	1599.76	HB45	-0.0068	0.2403	0.0000	0.310	0.338	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.228	0.228	1.485	1.485		0.338
↓	Grade		2112+35.00	HB45	1598.50	61.70	-2.000%	0.00	1599.73	0.00	-2.000%	0.00	1599.73	HB45	-0.0069	0.2474	0.0000	0.338	0.367	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.239	0.239	1.536	1.536		0.367
↓	Grade		2112+40.00	HB45	1598.46	61.76	-2.000%	0.00	1599.69	0.00	-2.000%	0.00	1599.69	HB45	-0.0071	0.2545	0.0000	0.367	0.395	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.249	0.249	1.586	1.586		0.395
↓	Grade		2112+45.00	HB45	1598.42	61.82	-2.000%	0.00	1599.66	0.00	-2.000%	0.00	1599.66	HB45	-0.0072	0.2616	0.0000	0.395	0.424	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.260	0.260	1.628	1.628		0.424
↓	Grade		2112+50.00	HB45	1598.38	61.87	-2.000%	0.00	1599.62	0.00	-2.000%	0.00	1599.62	HB45	-0.0072	0.2687	0.0000	0.424	0.452	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.272	0.272	1.662	1.662		0.452
↓	Grade		2112+55.00	HB45	1598.35	61.93	-2.000%	0.00	1599.58	0.00	-2.000%	0.00	1599.58	HB45	-0.0072	0.2758	0.0000	0.452	0.481	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.284	0.284	1.695	1.695		0.481
↓	Grade		2112+60.00	HB45	1598.31	61.99	-2.000%	0.00	1599.55	0.00	-2.000%	0.00	1599.55	HB45	-0.0072	0.2829	0.0000	0.481	0.509	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.295	0.295	1.728	1.728		0.509
↓	Grade		2112+65.00	HB45	1598.27	62.05	-2.000%	0.00	1599.51	0.00	-2.000%	0.00	1599.51	HB45	-0.0072	0.2900	0.0000	0.509	0.538	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.306	0.306	1.760	1.760		0.538
↓	Grade		2112+70.00	HB45	1598.23	62.11	-2.000%	0.00	1599.48	0.00	-2.000%	0.00	1599.48	HB45	-0.0072	0.2972	0.0000	0.538	0.566	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.316	0.316	1.791	1.791		0.566
↓	Grade		2112+75.00	HB45	1598.20	62.17	-2.000%	0.00	1599.44	0.00	-2.000%	0.00	1599.44	HB45	-0.0072	0.3043	0.0000	0.566	0.595	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.326	0.326	1.822	1.822		0.595
↓	Grade		2112+80.00	HB45	1598.16	62.23	-2.000%	0.00	1599.40	0.00	-2.000%	0.00	1599.40	HB45	-0.0072	0.3114	0.0000	0.595	0.623	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.337	0.337	1.852	1.852		0.623
↓	Grade		2112+85.00	HB45	1598.12	62.28	-2.000%	0.00	1599.37	0.00	-2.000%	0.00	1599.37	HB45	-0.0072	0.3186	0.0000	0.623	0.652	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.347	0.347	1.882	1.882		0.652
↓	Grade		2112+90.00	HB45	1598.08	62.34	-2.000%	0.00	1599.33	0.00	-2.000%	0.00	1599.33	HB45	-0.0072	0.3257	0.0000	0.652	0.681	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.356	0.356	1.911	1.911		0.681
↓	Grade		2112+95.00	HB45	1598.05	62.40	-2.000%	0.00	1599.30	0.00	-2.000%	0.00	1599.30	HB45	-0.0072	0.3329	0.0000	0.681	0.709	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.366	0.366	1.939	1.939		0.709
↓	Grade		2113+00.00	HB45	1598.01	62.46	-2.000%	0.00	1599.26	0.00	-2.000%	0.00	1599.26	HB45	-0.0072	0.3401	0.0000	0.709	0.738	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.375	0.375	1.967	1.967		0.738
↓	Grade		2113+05.00	HB45	1597.97	62.44	-2.000%	0.00	1599.22	0.00	-2.000%	0.00	1599.22	HB45	-0.0072	0.3472	0.0000	0.738	0.767	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.385	0.385	1.994	1.994		0.767

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade		2113+10.00	HB45	1597.94	62.43	-2.000%	0.00	1599.19	0.00	-2.000%	0.00	1599.19	HB45	-0.0072	0.3544	0.0000	0.767	0.796	**Left**	HB45	12.00	0.00	4.50	0.04	4.54	18.000	**OK**	0.394	0.394	2.021	2.021		0.796
↓	Grade		2113+15.00	HB45	1597.90	62.41	-2.000%	0.00	1599.15	0.00	-2.000%	0.00	1599.15	HB45	-0.0072	0.3616	0.0000	0.796	0.824	**Left**	HB45	12.00	0.00	4.50	0.14	4.64	18.000	**OK**	0.403	0.403	2.047	2.046		0.824
↓	Grade		2113+20.00	HB45	1597.87	62.40	-2.000%	0.00	1599.11	0.00	-2.000%	0.00	1599.11	HB45	-0.0072	0.3687	0.0000	0.824	0.853	**Left**	HB45	12.00	0.00	4.50	0.24	4.74	18.000	**OK**	0.412	0.412	2.073	2.070		0.853
↓	Grade		2113+25.00	HB45	1597.83	62.38	-2.000%	0.00	1599.08	0.00	-2.000%	0.00	1599.08	HB45	-0.0072	0.3759	0.0000	0.853	0.882	**Left**	HB45	12.00	0.00	4.50	0.34	4.84	18.000	**OK**	0.420	0.421	2.098	2.093		0.882
↓	Grade		2113+30.00	HB45	1597.79	62.37	-2.000%	0.00	1599.04	0.00	-2.000%	0.00	1599.04	HB45	-0.0072	0.3830	0.0000	0.882	0.911	**Left**	HB45	12.00	0.00	4.50	0.43	4.93	18.000	**OK**	0.429	0.431	2.123	2.115		0.911
↓	Grade		2113+35.00	HB45	1597.76	62.35	-2.000%	0.00	1599.01	0.00	-2.000%	0.00	1599.01	HB45	-0.0072	0.3902	0.0000	0.911	0.939	**Left**	HB45	12.00	0.00	4.50	0.52	5.02	18.000	**OK**	0.437	0.440	2.147	2.136		0.939
↓	Grade		2113+40.00	HB45	1597.72	62.34	-2.000%	0.00	1598.97	0.00	-2.000%	0.00	1598.97	HB45	-0.0072	0.3974	0.0000	0.939	0.968	**Left**	HB45	12.00	0.00	4.50	0.61	5.11	18.000	**OK**	0.445	0.449	2.171	2.155		0.968
↓	Grade		2113+45.00	HB45	1597.69	62.32	-2.000%	0.00	1598.93	0.00	-2.000%	0.00	1598.93	HB45	-0.0072	0.4045	0.0000	0.968	0.997	**Left**	HB45	12.00	0.00	4.50	0.70	5.20	18.000	**OK**	0.453	0.458	2.194	2.174		0.997
↓	Grade		2113+50.00	HB45	1597.65	62.31	-2.000%	0.00	1598.90	0.00	-2.000%	0.00	1598.90	HB45	-0.0072	0.4117	0.0000	0.997	1.025	**Left**	HB45	12.00	0.00	4.50	0.79	5.29	18.000	**OK**	0.461	0.468	2.217	2.193		1.025
↓	Grade		2113+55.00	HB45	1597.62	62.29	-2.000%	0.00	1598.86	0.00	-2.000%	0.00	1598.86	HB45	-0.0072	0.4188	0.0000	1.025	1.054	**Left**	HB45	12.00	0.00	4.50	0.88	5.38	18.000	**OK**	0.469	0.477	2.240	2.210		1.054
↓	Grade		2113+60.00	HB45	1597.58	62.28	-2.000%	0.00	1598.82	0.00	-2.000%	0.00	1598.82	HB45	-0.0072	0.4260	0.0000	1.054	1.083	**Left**	HB45	12.00	0.00	4.50	0.97	5.47	18.000	**OK**	0.477	0.486	2.262	2.227		1.083
↓	Grade		2113+65.00	HB45	1597.54	62.26	-2.000%	0.00	1598.79	0.00	-2.000%	0.00	1598.79	HB45	-0.0072	0.4331	0.0000	1.083	1.111	**Left**	HB45	12.00	0.00	4.50	1.05	5.55	18.000	**OK**	0.484	0.496	2.283	2.243		1.111
↓	Grade		2113+70.00	HB45	1597.51	62.25	-2.000%	0.00	1598.75	0.00	-2.000%	0.00	1598.75	HB45	-0.0072	0.4403	0.0000	1.111	1.140	**Left**	HB45	12.00	0.00	4.50	1.13	5.63	18.000	**OK**	0.492	0.505	2.305	2.258		1.140
↓	Grade		2113+75.00	HB45	1597.47	62.23	-2.000%	0.00	1598.72	0.00	-2.000%	0.00	1598.72	HB45	-0.0072	0.4474	0.0000	1.140	1.169	**Left**	HB45	12.00	0.00	4.50	1.21	5.71	18.000	**OK**	0.499	0.514	2.325	2.273		1.169
↓	Grade		2113+80.00	HB45	1597.44	62.22	-2.000%	0.00	1598.68	0.00	-2.000%	0.00	1598.68	HB45	-0.0072	0.4545	0.0000	1.169	1.197	**Left**	HB45	12.00	0.00	4.50	1.30	5.80	18.000	**OK**	0.507	0.523	2.346	2.287		1.197
↓	Grade		2113+85.00	HB45	1597.40	62.20	-2.000%	0.00	1598.64	0.00	-2.000%	0.00	1598.64	HB45	-0.0072	0.4617	0.0000	1.197	1.226	**Left**	HB45	12.00	0.00	4.50	1.37	5.87	18.000	**OK**	0.514	0.533	2.366	2.301		1.226
↓	Grade		2113+90.00	HB45	1597.36	62.19	-2.000%	0.00	1598.61	0.00	-2.000%	0.00	1598.61	HB45	-0.0072	0.4688	0.0000	1.226	1.254	**Left**	HB45	12.00	0.00	4.50	1.45	5.95	18.000	**OK**	0.521	0.542	2.386	2.315		1.254
↓	Grade		2113+95.00	HB45	1597.33	62.17	-2.000%	0.00	1598.57	0.00	-2.000%	0.00	1598.57	HB45	-0.0072	0.4760	0.0000	1.254	1.283	**Left**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.528	0.551	2.405	2.328		1.283
↓	Grade		2114+00.00	HB45	1597.29	62.16	-2.000%	0.00	1598.54	0.00	-2.000%	0.00	1598.54	HB45	-0.0072	0.4831	0.0000	1.283	1.312	**Left**	HB45	12.00	0.00	4.50	1.61	6.11	18.000	**OK**	0.535	0.560	2.424	2.341		1.312
↓	Grade		2114+05.00	HB45	1597.26	62.14	-2.000%	0.00	1598.50	0.00	-2.000%	0.00	1598.50	HB45	-0.0072	0.4902	0.0000	1.312	1.340	**Left**	HB45	12.00	0.00	4.50	1.68	6.18	18.000	**OK**	0.541	0.570	2.443	2.353		1.340
↓	Grade		2114+10.00	HB45	1597.22	62.13	-2.000%	0.00	1598.46	0.00	-2.000%	0.00	1598.46	HB45	-0.0072	0.4974	0.0000	1.340	1.369	**Left**	HB45	12.00	0.00	4.50	1.76	6.26	18.000	**OK**	0.548	0.579	2.462	2.365		1.369
↓	Grade		2114+15.00	HB45	1597.18	62.11	-2.000%	0.00	1598.43	0.00	-2.000%	0.00	1598.43	HB45	-0.0072	0.5045	0.0000	1.369	1.397	**Left**	HB45	12.00	0.00	4.50	1.83	6.33	18.000	**OK**	0.555	0.588	2.480	2.376		1.397
↓	Grade		2114+20.00	HB45	1597.15	62.10	-2.000%	0.00	1598.39	0.00	-2.000%	0.00	1598.39	HB45	-0.0072	0.5116	0.0000	1.397	1.426	**Left**	HB45	12.00	0.00	4.50	1.90	6.40	18.000	**OK**	0.561	0.597	2.498	2.388		1.426
↓	Grade		2114+25.00	HB45	1597.11	62.08	-2.000%	0.00	1598.35	0.00	-2.000%	0.00	1598.35	HB45	-0.0072	0.5187	0.0000	1.426	1.455	**Left**	HB45	12.00	0.00	4.50	1.97	6.47	18.000	**OK**	0.568	0.606	2.516	2.399		1.455
↓	Grade		2114+30.00	HB45	1597.08	62.07	-2.000%	0.00	1598.32	0.00	-2.000%	0.00	1598.32	HB45	-0.0072	0.5259	0.0000	1.455	1.483	**Left**	HB45	12.00	0.00	4.50	2.04	6.54	18.000	**OK**	0.574	0.616	2.533	2.409		1.483
↓	Grade		2114+35.00	HB45	1597.04	62.05	-2.000%	0.00	1598.28	0.00	-2.000%	0.00	1598.28	HB45	-0.0072	0.5330	0.0000	1.483	1.512	**Left**	HB45	12.00	0.00	4.50	2.11	6.61	18.000	**OK**	0.580	0.625	2.550	2.420		1.512
↓	Grade		2114+40.00	HB45	1597.01	62.04	-2.000%	0.00	1598.25	0.00	-2.000%	0.00	1598.25	HB45	-0.0072	0.5401	0.0000	1.512	1.540	**Left**	HB45	12.00	0.00	4.50	2.18	6.68	18.000	**OK**	0.586	0.634	2.567	2.430		1.540
↓	Grade		2114+45.00	HB45	1596.97	62.02	-2.000%	0.00	1598.21	0.00	-2.000%	0.00	1598.21	HB45	-0.0072	0.5472	0.0000	1.540	1.569	**Left**	HB45	12.00	0.00	4.50	2.25	6.75	18.000	**OK**	0.592	0.643	2.584	2.440		1.569
↓	Grade		2114+50.00	HB45	1596.93	62.01	-2.000%	0.00	1598.17	0.00	-2.000%	0.00	1598.17	HB45	-0.0072	0.5544	0.0000	1.569	1.597	**Left**	HB45	12.00	0.00	4.50	2.32	6.82	18.000	**OK**	0.598	0.652	2.600	2.449		1.597
↓	Grade		2114+55.00	HB45	1596.90	61.99	-2.000%	0.00	1598.14	0.00	-2.000%	0.00	1598.14	HB45	-0.0072	0.5615	0.0000	1.597	1.626	**Left**	HB45	12.00	0.00	4.50	2.38	6.88	18.000	**OK**	0.604	0.661	2.616	2.459		1.626
↓	Grade		2114+60.00	HB45	1596.86	61.98	-2.000%	0.00	1598.10	0.00	-2.000%	0.00	1598.10	HB45	-0.0072	0.5686	0.0000	1.626	1.654	**Left**	HB45	12.00	0.00	4.50	2.45	6.95	18.000	**OK**	0.610	0.670	2.632	2.468		1.654
↓	Grade		2114+65.00	HB45	1596.83	61.96	-2.000%	0.00	1598.07	0.00	-2.000%	0.00	1598.07	HB45	-0.0072	0.5757	0.0000	1.654	1.683	**Left**	HB45	12.00	0.00	4.50	2.51	7.01	18.000	**OK**	0.616	0.679	2.648	2.477		1.683
↓	Grade		2114+70.00	HB45	1596.79	61.94	-2.000%	0.00	1598.03	0.00	-2.000%	0.00	1598.03	HB45	-0.0072	0.5828	0.0000	1.683	1.711	**Left**	HB45	12.00	0.00	4.50	2.58	7.08	18.000	**OK**	0.622	0.688	2.664	2.486		1.711
↓	Grade		2114+75.00	HB45	1596.75	61.93	-2.000%	0.00	1597.99	0.00	-2.000%	0.00	1597.99	HB45	-0.0072	0.5899	0.0000	1.711	1.740	**Left**	HB45	12.00	0.00	4.50	2.64	7.14	18.000	**OK**	0.628	0.697	2.679	2.495		1.740
↓	Grade		2114+80.00	HB45	1596.72	61.91	-2.000%	0.00	1597.96	0.00	-2.000%	0.00	1597.96	HB45	-0.0072	0.5970	0.0000	1.740	1.768	**Left**	HB45	12.00	0.00	4.50	2.70	7.20	18.000	**OK**	0.633	0.706	2.694	2.503		1.768
↓	Grade		2114+85.00	HB45	1596.68	61.90	-2.000%	0.00	1597.92	0.00	-2.000%	0.00	1597.92	HB45	-0.0072	0.6041	0.0000	1.768	1.797	**Left**	HB45	12.00	0.00	4.50	2.77	7.27	18.000	**OK**	0.639	0.715	2.709	2.512		1.797
↓	Grade		2114+90.00	HB45	1596.65	61.88	-2.000%	0.00	1597.88	0.00	-2.000%	0.00	1597.88	HB45	-0.0072	0.6112	0.0000	1.797	1.825	**Left**	HB45	12.00	0.00	4.50	2.83	7.33	18.000	**OK**	0.644	0.724	2.724	2.520		1.825
↓	Grade		2114+95.00	HB45	1596.61	61.87	-2.000%	0.00	1597.85	0.00	-2.000%	0.00	1597.85	HB45	-0.0072	0.6183	0.0000	1.825	1.854	**Left**	HB45	12.00	0.00	4.50	2.89	7.39	18.000	**OK**	0.650	0.733	2.738	2.528		1.854
↓	Grade		2115+00.00	HB45	1596.57	61.85	-2.000%	0.00	1597.81	0.00	-2.000%	0.00	1597.81	HB45	-0.0072	0.6254	0.0000	1.854	1.882	**Left**	HB45	12.00	0.00	4.50	2.95	7.45	18.000	**OK**	0.655	0.742	2.753	2.536		1.882
↓	Grade		2115+05.00	HB45	1596.54	61.84	-2.000%	0.00	1597.78	0.00	-2.000%	0.00	1597.78	HB45	-0.0072	0.6325	0.0000	1.882	1.911	**Left**	HB45	12.00	0.00	4.50	3.01	7.51	18.000	**OK**	0.661	0.751	2.767	2.544		1.911
↓	Grade		2115+10.00	HB45	1596.50	61.82	-2.000%	0.00	1597.74	0.00	-2.000%	0.00	1597.74	HB45	-0.0072	0.6396	0.0000	1.911	1.939	**Left**	HB45	12.00	0.00	4.50	3.07	7.57	18.000	**OK**	0.666	0.760	2.781	2.552		1.939
↓	Grade		2115+15.00	HB45	1596.47	61.81	-2.000%	0.00	1597.70	0.00	-2.000%	0.00	1597.70	HB45	-0.0072	0.6467	0.0000	1.939	1.968	**Left**	HB45	12.00	0.00	4.50	3.12	7.62	18.000	**OK**	0.671	0.769	2.795	2.559		1.968
↓	Grade		2115+20.00	HB45	1596.43	61.79	-2.000%	0.00	1597.67	0.00	-2.000%	0.00	1597.67	HB45	-0.0072	0.6538	0.0000	1.968	1.996	**Left**	HB45	12.00	0.00	4.50	3.18	7.68	18.000	**OK**	0.676	0.778	2.809	2.566		1.996
↓	Grade		2115+25.00	HB45	1596.40	61.78	-2.000%	0.00	1597.63	0.00	-2.000%	0.00	1597.63	HB45	-0.0072	0.6609	0.0000	1.996	2.025	**Left**	HB45	12.00	0.00	4.50	3.24	7.74	18.000	**OK**	0.682	0.787	2.822	2.574		2.025
↓	Grade		2115+30.00	HB45	1596.36	61.76	-2.000%	0.00	1597.59	0.00	-2.000%	0.00	1597.59	HB45	-0.0072	0.6680	0.0000	2.025	2.053	**Left**	HB45	12.00	0.00	4.50	3.30	7.80	18.000	**OK**	0.687	0.795	2.836	2.581		2.053
↓	Grade		2115+35.00	HB45	1596.32	61.75	-2.000%	0.00	1597.56	0.00	-2.000%	0.00	1597.56	HB45	-0.0072	0.6751	0.0000	2.053	2.081	**Left**	HB45	12.00	0.00	4.50	3.35	7.85	18.000	**OK**	0.692	0.804	2.849	2.588		2.081
↓	Grade		2115+40.00	HB45	1596.29	61.73	-2.000%	0.00	1597.52	0.00	-2.000%	0.00	1597.52	HB45	-0.0072	0.6822	0.0000	2.081	2.110	**Left**	HB45	12.00	0.00	4.50	3.41	7.91	18.000	**OK**	0.697	0.813	2.862	2.595		2.110
↓	Grade		2115+45.00	HB45	1596.25	61.72	-2.000%	0.00	1597.49	0.00	-2.000%	0.00	1597.49	HB45	-0.0072	0.6893	0.0000	2.110	2.138	**Left**	HB45	12.00	0.00	4.50	3.46	7.96	18.000	**OK**	0.702	0.822	2.875	2.602		2.138
↓	Grade		2115+50.00	HB45	1596.22	61.70	-2.000%	0.00	1597.45	0.00	-2.000%	0.00	1597.45	HB45	-0.0072	0.6964	0.0000	2.138	2.167	**Left**	HB45	12.00	0.00	4.50	3.52	8.02	18.000	**OK**	0.707	0.831	2.888	2.609		2.167
↓	Grade		2115+55.00	HB45	1596.18	61.69	-2.000%	0.00	1597.41	0.00	-2.000%	0.00	1597.41	HB45	-0.0072	0.7034	0.0000	2.167	2.195	**Left**	HB45	12.00	0.00	4.50	3.57	8.07	18.000	**OK**	0.712	0.839	2.901	2.615		2.195
↓	Grade		2115+60.00	HB45	1596.14	61.67	-2.000%	0.00	1597.38	0.00	-2.000%	0.00	1597.38	HB45	-0.0072	0.7105	0.0000	2.195	2.223	**Left**	HB45	12.00	0.00	4.50	3.63	8.13	18.000	**OK**	0.716	0.848	2.913	2.622		2.223
↓	Grade		2115+65.00	HB45	1596.11	61.66	-2.000%	0.00	1597.34	0.00	-2.000%	0.00	1597.34	HB45	-0.0072	0.7176	0.0000	2.223	2.252	**Left**	HB45	12.00	0.00	4.50	3.68	8.18	18.000	**OK**	0.721	0.857	2.926	2.628		2.252
↓	Grade		2115+70.00	HB45	1596.07	61.64	-2.000%	0.00	1597.31	0.00	-2.000%	0.00	1597.31	HB45	-0.0072	0.7247	0.0000	2.252	2.280	**Left**	HB45	12.00	0.00	4.50	3.73	8.23	18.000	**OK**	0.726	0.865	2.938	2.635		2.280
↓	Grade		2115+75.00	HB45	1596.04	61.63	-2.000%	0.00	1597.27	0.00	-2.000%	0.00	1597.27	HB45	-0.0072	0.7317	0.0000	2.280	2.308	**Left**	HB45	12.00	0.00	4.50	3.79	8.29	18.000	**OK**	0.731	0.874	2.950	2.641		2.308
↓	Grade		2115+80.00	HB45	1596.00	61.61	-2.000%	0.00	1597.23	0.00	-2.000%	0.00	1597.23	HB45	-0.0072	0.7388	0.0000	2.308	2.337	**Left**	HB45	12.00	0.00	4.50	3.84	8.34	18.000	**OK**	0.735	0.883	2.962	2.647		2.337
↓	Grade		2115+85.00	HB45	1595.96	61.60	-2.000%	0.00	1597.20	0.00	-2.000%	0.00	1597.20	HB45	-0.0072	0.7459	0.0000	2.337	2.365	**Left**	HB45	12.00	0.00	4.50	3.89	8.39	18.000	**OK**	0.740	0.891	2.974	2.653		2.365
↓	Grade		2115+90.00	HB45	1595.93	61.58	-2.000%	0.00	1597.16	0.00	-2.000%	0.00	1597.16	HB45	-0.0072	0.7530	0.0000	2.365	2.394	**Left**	HB45	12.00	0.00	4.50	3.94	8.44	18.000	**OK**	0.745	0.900	2.986	2.660		2.394
↓	Grade		2115+95.00	HB45	1595.89	61.57	-2.000%	0.00	1597.12	0.00	-2.000%	0.00	1597.12	HB45	-0.0072	0.7600	0.0000	2.394	2.422	**Left**	HB45	12.00	0.00	4.50	3.99	8.49	18.000	**OK**	0.749	0.909	2.998	2.666		2.422
↓	Grade	**3**	2116+00.00	HB45	1595.86	61.55	-2.000%	0.00	1597.09	0.00	-2.000%	0.00	1597.09	HB45	-0.0072	0.7671	0.0000	2.422	2.450	**Left**	HB45	12.00	0.00	4.50	4.04	8.54	18.000	**OK**	0.754	0.917	3.009	2.671	3	2.450
↓	Grade		2116+05.00	HB45	1595.82	61.54	-2.000%	0.00	1597.05	0.00	-2.000%	0.00	1597.05	HB45	-0.0072	0.7742	0.0000	0.191	0.219	**Left**	HB45	12.00	0.00	4.01	0.00	4.01	18.000	**OK**	0.161	0.161	1.363	1.363		0.219
↓	Grade		2116+10.00	HB45	1595.79	61.52	-2.000%	0.00	1597.02	0.00	-2.000%	0.00	1597.02	HB45	-0.0072	0.7812	0.0000	0.219	0.247	**Left**	HB45	12.00	0.00	4.20	0.00	4.20	18.000	**OK**	0.176	0.176	1.405	1.405		0.247
↓	Grade		2116+15.00	HB45	1595.75	61.51	-2.000%	0.00	1596.98	0.00	-2.000%	0.00	1596.98	HB45	-0.0072	0.7883	0.0000	0.247	0.276	**Left**	HB45	12.00	0.00	4.37	0.00	4.37	18.000	**OK**	0.191	0.191	1.443	1.443		0.276
↓	Grade		2116+20.00	HB45	1595.71	61.49	-2.000%	0.00	1596.94	0.00	-2.000%	0.00	1596.94	HB45	-0.0072	0.7953	0.0000	0.276	0.304	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.206	0.206	1.479	1.479		0.304
↓	Grade		2116+25.00	HB45	1595.68	61.47	-2.000%	0.00	1596.91	0.00	-2.000%	0.00	1596.91	HB45	-0.0072	0.8024	0.0000	0.304	0.332	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.219	0.219	1.515	1.515		0.332
↓	Grade		2116+30.00	HB45	1595.64	61.46	-2.000%	0.00	1596.87	0.00	-2.000%	0.00	1596.87	HB45	-0.0072	0.8095	0.0000	0.332	0.361	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.233	0.233	1.550	1.550		0.361
↓	Grade		2116+35.00	HB45	1595.61	61.44	-2.000%	0.00	1596.83	0.00	-2.000%	0.00	1596.83	HB45	-0.0072	0.8165	0.0000	0.361	0.389	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.245	0.245	1.585	1.585		0.389
↓	Grade		2116+40.00	HB45	1595.57	61.43	-2.000%	0.00	1596.80	0.00	-2.000%	0.00	1596.80	HB45	-0.0072	0.8236	0.0000	0.389	0.417	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.258	0.258	1.620	1.620		0.417
↓	Grade		2116+45.00	HB45	1595.53	61.41	-2.000%	0.00	1596.76	0.00	-2.000%	0.00	1596.76	HB45	-0.0072	0.8306	0.0000	0.417	0.445	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.269	0.269	1.654	1.654		0.445
↓	Grade		2116+50.00	HB45	1595.50	61.40	-2.000%	0.00	1596.73	0.00	-2.000%	0.00	1596.73	HB45	-0.0072	0.8377	0.0000	0.445	0.474	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.281	0.281	1.687	1.687		0.474
↓	Grade		2116+55.00	HB45	1595.46	61.38	-2.000%	0.00	1596.69	0.00	-2.000%	0.00	1596.69	HB45	-0.0072	0.8447	0.0000	0.474	0.502	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.292	0.292	1.720	1.720		0.502
↓	Grade		2116+60.00	HB45	1595.43	61.37	-2.000%	0.00	1596.65	0.00	-2.000%	0.00	1596.65	HB45	-0.0072	0.8517	0.0000	0.502	0.530	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.303	0.303	1.752	1.752		0.530
↓	Grade		2116+65.00	HB45	1595.39	61.35	-2.000%	0.00	1596.62	0.00	-2.000%	0.00	1596.62	HB45	-0.0072	0.8588	0.0000	0.530	0.558	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.313	0.313	1.783	1.783		0.558
↓	Grade		2116+70.00	HB45	1595.35	61.34	-2.000%	0.00	1596.58	0.00	-2.000%	0.00	1596.58	HB45	-0.0072	0.8658	0.0000	0.558	0.587	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.324	0.324	1.813	1.813		0.587
↓	Grade		2116+75.00	HB45	1595.32	61.32	-2.000%	0.00	1596.55	0.00	-2.000%	0.00	1596.55	HB45	-0.0072	0.8729	0.0000	0.587	0.615	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.334	0.334	1.843	1.843		0.615

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade		2116+80.00	HB45	1595.28	61.31	-2.000%	0.00	1596.51	0.00	-2.000%	0.00	1596.51	HB45	-0.0072	0.8799	0.0000	0.615	0.643	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	1.872	1.872		0.643
↓	Grade		2116+85.00	HB45	1595.25	61.29	-2.000%	0.00	1596.47	0.00	-2.000%	0.00	1596.47	HB45	-0.0072	0.8869	0.0000	0.643	0.671	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.353	0.353	1.901	1.901		0.671
↓	Grade		2116+90.00	HB45	1595.21	61.28	-2.000%	0.00	1596.44	0.00	-2.000%	0.00	1596.44	HB45	-0.0072	0.8940	0.0000	0.671	0.699	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.363	0.363	1.929	1.929		0.699
↓	Grade		2116+95.00	HB45	1595.18	61.26	-2.000%	0.00	1596.40	0.00	-2.000%	0.00	1596.40	HB45	-0.0072	0.9010	0.0000	0.699	0.728	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.372	0.372	1.957	1.957		0.728
↓	Grade		2117+00.00	HB45	1595.14	61.25	-2.000%	0.00	1596.36	0.00	-2.000%	0.00	1596.36	HB45	-0.0072	0.9080	0.0000	0.728	0.756	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.381	0.381	1.984	1.984		0.756
↓	Grade		2117+05.00	HB45	1595.10	61.23	-2.000%	0.00	1596.33	0.00	-2.000%	0.00	1596.33	HB45	-0.0072	0.9151	0.0000	0.756	0.784	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.390	0.390	2.010	2.010		0.784
↓	Grade		2117+10.00	HB45	1595.07	61.22	-2.000%	0.00	1596.29	0.00	-2.000%	0.00	1596.29	HB45	-0.0072	0.9221	0.0000	0.784	0.812	**Left**	HB45	12.00	0.00	4.50	0.10	4.60	18.000	**OK**	0.399	0.399	2.036	2.036		0.812
↓	Grade		2117+15.00	HB45	1595.03	61.20	-2.000%	0.00	1596.26	0.00	-2.000%	0.00	1596.26	HB45	-0.0072	0.9291	0.0000	0.812	0.840	**Left**	HB45	12.00	0.00	4.50	0.20	4.70	18.000	**OK**	0.408	0.408	2.062	2.060		0.840
↓	Grade		2117+20.00	HB45	1595.00	61.19	-2.000%	0.00	1596.22	0.00	-2.000%	0.00	1596.22	HB45	-0.0072	0.9362	0.0000	0.840	0.869	**Left**	HB45	12.00	0.00	4.50	0.29	4.79	18.000	**OK**	0.416	0.417	2.087	2.083		0.869
↓	Grade		2117+25.00	HB45	1594.96	61.17	-2.000%	0.00	1596.18	0.00	-2.000%	0.00	1596.18	HB45	-0.0072	0.9432	0.0000	0.869	0.897	**Left**	HB45	12.00	0.00	4.50	0.38	4.88	18.000	**OK**	0.425	0.426	2.111	2.105		0.897
↓	Grade		2117+30.00	HB45	1594.92	61.16	-2.000%	0.00	1596.15	0.00	-2.000%	0.00	1596.15	HB45	-0.0072	0.9502	0.0000	0.897	0.925	**Left**	HB45	12.00	0.00	4.50	0.48	4.98	18.000	**OK**	0.433	0.435	2.135	2.125		0.925
↓	Grade		2117+35.00	HB45	1594.89	61.14	-2.000%	0.00	1596.11	0.00	-2.000%	0.00	1596.11	HB45	-0.0072	0.9572	0.0000	0.925	0.953	**Left**	HB45	12.00	0.00	4.50	0.57	5.07	18.000	**OK**	0.441	0.444	2.159	2.145		0.953
↓	Grade		2117+40.00	HB45	1594.85	61.13	-2.000%	0.00	1596.07	0.00	-2.000%	0.00	1596.07	HB45	-0.0072	0.9642	0.0000	0.953	0.981	**Left**	HB45	12.00	0.00	4.50	0.66	5.16	18.000	**OK**	0.449	0.453	2.182	2.164		0.981
↓	Grade		2117+45.00	HB45	1594.82	61.11	-2.000%	0.00	1596.04	0.00	-2.000%	0.00	1596.04	HB45	-0.0072	0.9712	0.0000	0.981	1.009	**Left**	HB45	12.00	0.00	4.50	0.74	5.24	18.000	**OK**	0.457	0.462	2.204	2.182		1.009
↓	Grade		2117+50.00	HB45	1594.78	61.10	-2.000%	0.00	1596.00	0.00	-2.000%	0.00	1596.00	HB45	-0.0072	0.9783	0.0000	1.009	1.037	**Left**	HB45	12.00	0.00	4.50	0.83	5.33	18.000	**OK**	0.465	0.472	2.227	2.200		1.037
↓	Grade		2117+55.00	HB45	1594.74	61.08	-2.000%	0.00	1595.97	0.00	-2.000%	0.00	1595.97	HB45	-0.0072	0.9853	0.0000	1.037	1.065	**Left**	HB45	12.00	0.00	4.50	0.91	5.41	18.000	**OK**	0.472	0.481	2.249	2.217		1.065
↓	Grade		2117+60.00	HB45	1594.71	61.07	-2.000%	0.00	1595.93	0.00	-2.000%	0.00	1595.93	HB45	-0.0072	0.9923	0.0000	1.065	1.094	**Left**	HB45	12.00	0.00	4.50	1.00	5.50	18.000	**OK**	0.480	0.490	2.270	2.233		1.094
↓	Grade		2117+65.00	HB45	1594.67	61.05	-2.000%	0.00	1595.89	0.00	-2.000%	0.00	1595.89	HB45	-0.0072	0.9993	0.0000	1.094	1.122	**Left**	HB45	12.00	0.00	4.50	1.08	5.58	18.000	**OK**	0.487	0.499	2.291	2.248		1.122
↓	Grade		2117+70.00	HB45	1594.64	61.04	-2.000%	0.00	1595.86	0.00	-2.000%	0.00	1595.86	HB45	-0.0072	1.0063	0.0000	1.122	1.150	**Left**	HB45	12.00	0.00	4.50	1.16	5.66	18.000	**OK**	0.495	0.508	2.312	2.263		1.150
↓	Grade		2117+75.00	HB45	1594.60	61.02	-2.000%	0.00	1595.82	0.00	-2.000%	0.00	1595.82	HB45	-0.0072	1.0133	0.0000	1.150	1.178	**Left**	HB45	12.00	0.00	4.50	1.24	5.74	18.000	**OK**	0.502	0.517	2.332	2.278		1.178
↓	Grade		2117+80.00	HB45	1594.57	61.01	-2.000%	0.00	1595.79	0.00	-2.000%	0.00	1595.79	HB45	-0.0072	1.0203	0.0000	1.178	1.206	**Left**	HB45	12.00	0.00	4.50	1.32	5.82	18.000	**OK**	0.509	0.526	2.352	2.292		1.206
↓	Grade		2117+85.00	HB45	1594.53	60.99	-2.000%	0.00	1595.75	0.00	-2.000%	0.00	1595.75	HB45	-0.0072	1.0273	0.0000	1.206	1.234	**Left**	HB45	12.00	0.00	4.50	1.40	5.90	18.000	**OK**	0.516	0.535	2.372	2.305		1.234
↓	Grade		2117+90.00	HB45	1594.49	60.97	-2.000%	0.00	1595.71	0.00	-2.000%	0.00	1595.71	HB45	-0.0072	1.0343	0.0000	1.234	1.262	**Left**	HB45	12.00	0.00	4.50	1.47	5.97	18.000	**OK**	0.523	0.544	2.391	2.318		1.262
↓	Grade		2117+95.00	HB45	1594.46	60.96	-2.000%	0.00	1595.68	0.00	-2.000%	0.00	1595.68	HB45	-0.0072	1.0413	0.0000	1.262	1.290	**Left**	HB45	12.00	0.00	4.50	1.55	6.05	18.000	**OK**	0.529	0.553	2.410	2.331		1.290
↓	Grade		2118+00.00	HB45	1594.42	60.94	-2.000%	0.00	1595.64	0.00	-2.000%	0.00	1595.64	HB45	-0.0072	1.0483	0.0000	1.290	1.318	**Left**	HB45	12.00	0.00	4.50	1.62	6.12	18.000	**OK**	0.536	0.563	2.429	2.343		1.318
↓	Grade		2118+05.00	HB45	1594.39	60.93	-2.000%	0.00	1595.60	0.00	-2.000%	0.00	1595.60	HB45	-0.0072	1.0553	0.0000	1.318	1.346	**Left**	HB45	12.00	0.00	4.50	1.70	6.20	18.000	**OK**	0.543	0.572	2.447	2.355		1.346
↓	Grade		2118+10.00	HB45	1594.35	60.91	-2.000%	0.00	1595.57	0.00	-2.000%	0.00	1595.57	HB45	-0.0072	1.0623	0.0000	1.346	1.374	**Left**	HB45	12.00	0.00	4.50	1.77	6.27	18.000	**OK**	0.549	0.581	2.465	2.367		1.374
↓	Grade		2118+15.00	HB45	1594.31	60.90	-2.000%	0.00	1595.53	0.00	-2.000%	0.00	1595.53	HB45	-0.0072	1.0693	0.0000	1.374	1.402	**Left**	HB45	12.00	0.00	4.50	1.84	6.34	18.000	**OK**	0.556	0.590	2.483	2.378		1.402
↓	Grade		2118+20.00	HB45	1594.28	60.88	-2.000%	0.00	1595.50	0.00	-2.000%	0.00	1595.50	HB45	-0.0072	1.0763	0.0000	1.402	1.430	**Left**	HB45	12.00	0.00	4.50	1.91	6.41	18.000	**OK**	0.562	0.599	2.501	2.389		1.430
↓	Grade		2118+25.00	HB45	1594.24	60.87	-2.000%	0.00	1595.46	0.00	-2.000%	0.00	1595.46	HB45	-0.0072	1.0833	0.0000	1.430	1.458	**Left**	HB45	12.00	0.00	4.50	1.98	6.48	18.000	**OK**	0.568	0.608	2.518	2.400		1.458
↓	Grade		2118+30.00	HB45	1594.21	60.85	-2.000%	0.00	1595.42	0.00	-2.000%	0.00	1595.42	HB45	-0.0072	1.0902	0.0000	1.458	1.486	**Left**	HB45	12.00	0.00	4.50	2.05	6.55	18.000	**OK**	0.575	0.617	2.535	2.410		1.486
↓	Grade		2118+35.00	HB45	1594.17	60.84	-2.000%	0.00	1595.39	0.00	-2.000%	0.00	1595.39	HB45	-0.0072	1.0972	0.0000	1.486	1.514	**Left**	HB45	12.00	0.00	4.50	2.12	6.62	18.000	**OK**	0.581	0.626	2.552	2.421		1.514
↓	Grade		2118+40.00	HB45	1594.13	60.82	-2.000%	0.00	1595.35	0.00	-2.000%	0.00	1595.35	HB45	-0.0072	1.1042	0.0000	1.514	1.542	**Left**	HB45	12.00	0.00	4.50	2.19	6.69	18.000	**OK**	0.587	0.635	2.568	2.431		1.542
↓	Grade		2118+45.00	HB45	1594.10	60.81	-2.000%	0.00	1595.31	0.00	-2.000%	0.00	1595.31	HB45	-0.0072	1.1112	0.0000	1.542	1.570	**Left**	HB45	12.00	0.00	4.50	2.25	6.75	18.000	**OK**	0.593	0.643	2.585	2.440		1.570
↓	Grade		2118+50.00	HB45	1594.06	60.79	-2.000%	0.00	1595.28	0.00	-2.000%	0.00	1595.28	HB45	-0.0072	1.1182	0.0000	1.570	1.598	**Left**	HB45	12.00	0.00	4.50	2.32	6.82	18.000	**OK**	0.599	0.652	2.601	2.450		1.598
↓	Grade		2118+55.00	HB45	1594.03	60.78	-2.000%	0.00	1595.24	0.00	-2.000%	0.00	1595.24	HB45	-0.0072	1.1251	0.0000	1.598	1.626	**Left**	HB45	12.00	0.00	4.50	2.38	6.88	18.000	**OK**	0.605	0.661	2.617	2.459		1.626
↓	Grade		2118+60.00	HB45	1593.99	60.76	-2.000%	0.00	1595.21	0.00	-2.000%	0.00	1595.21	HB45	-0.0072	1.1321	0.0000	1.626	1.654	**Left**	HB45	12.00	0.00	4.50	2.45	6.95	18.000	**OK**	0.610	0.670	2.632	2.468		1.654
↓	Grade		2118+65.00	HB45	1593.96	60.75	-2.000%	0.00	1595.17	0.00	-2.000%	0.00	1595.17	HB45	-0.0072	1.1391	0.0000	1.654	1.682	**Left**	HB45	12.00	0.00	4.50	2.51	7.01	18.000	**OK**	0.616	0.679	2.648	2.477		1.682
↓	Grade		2118+70.00	HB45	1593.92	60.73	-2.000%	0.00	1595.13	0.00	-2.000%	0.00	1595.13	HB45	-0.0072	1.1461	0.0000	1.682	1.710	**Left**	HB45	12.00	0.00	4.50	2.57	7.07	18.000	**OK**	0.622	0.688	2.663	2.486		1.710
↓	Grade		2118+75.00	HB45	1593.88	60.72	-2.000%	0.00	1595.10	0.00	-2.000%	0.00	1595.10	HB45	-0.0072	1.1530	0.0000	1.710	1.738	**Left**	HB45	12.00	0.00	4.50	2.64	7.14	18.000	**OK**	0.627	0.697	2.678	2.494		1.738
↓	Grade		2118+80.00	HB45	1593.85	60.70	-2.000%	0.00	1595.06	0.00	-2.000%	0.00	1595.06	HB45	-0.0072	1.1600	0.0000	1.738	1.766	**Left**	HB45	12.00	0.00	4.50	2.70	7.20	18.000	**OK**	0.633	0.706	2.693	2.503		1.766
↓	Grade		2118+85.00	HB45	1593.81	60.69	-2.000%	0.00	1595.03	0.00	-2.000%	0.00	1595.03	HB45	-0.0072	1.1670	0.0000	1.766	1.794	**Left**	HB45	12.00	0.00	4.50	2.76	7.26	18.000	**OK**	0.638	0.714	2.707	2.511		1.794
↓	Grade		2118+90.00	HB45	1593.78	60.67	-2.000%	0.00	1594.99	0.00	-2.000%	0.00	1594.99	HB45	-0.0072	1.1739	0.0000	1.794	1.822	**Left**	HB45	12.00	0.00	4.50	2.82	7.32	18.000	**OK**	0.644	0.723	2.722	2.519		1.822
↓	Grade		2118+95.00	HB45	1593.74	60.66	-2.000%	0.00	1594.95	0.00	-2.000%	0.00	1594.95	HB45	-0.0072	1.1809	0.0000	1.822	1.850	**Left**	HB45	12.00	0.00	4.50	2.88	7.38	18.000	**OK**	0.649	0.732	2.736	2.527		1.850
↓	Grade	**3**	2119+00.00	HB45	1593.70	60.64	-2.000%	0.00	1594.92	0.00	-2.000%	0.00	1594.92	HB45	-0.0072	1.1879	0.0000	1.850	1.878	**Left**	HB45	12.00	0.00	4.50	2.94	7.44	18.000	**OK**	0.654	0.741	2.750	2.535	3	1.878
↓	Grade		2119+05.00	HB45	1593.67	60.63	-2.000%	0.00	1594.88	0.00	-2.000%	0.00	1594.88	HB45	-0.0072	1.1948	0.0000	0.082	0.110	**Left**	HB45	12.00	0.00	3.10	0.00	3.10	18.000	**OK**	0.096	0.096	1.147	1.147		0.110
↓	Grade		2119+10.00	HB45	1593.63	60.61	-2.000%	0.00	1594.84	0.00	-2.000%	0.00	1594.84	HB45	-0.0072	1.2018	0.0000	0.110	0.138	**Left**	HB45	12.00	0.00	3.37	0.00	3.37	18.000	**OK**	0.114	0.114	1.214	1.214		0.138
↓	Grade		2119+15.00	HB45	1593.60	60.60	-2.000%	0.00	1594.81	0.00	-2.000%	0.00	1594.81	HB45	-0.0072	1.2087	0.0000	0.138	0.166	**Left**	HB45	12.00	0.00	3.61	0.00	3.61	18.000	**OK**	0.130	0.130	1.271	1.271		0.166
↓	Grade		2119+20.00	HB45	1593.56	60.58	-2.000%	0.00	1594.77	0.00	-2.000%	0.00	1594.77	HB45	-0.0072	1.2157	0.0000	0.166	0.194	**Left**	HB45	12.00	0.00	3.83	0.00	3.83	18.000	**OK**	0.147	0.147	1.322	1.322		0.194
↓	Grade		2119+25.00	HB45	1593.52	60.57	-2.000%	0.00	1594.74	0.00	-2.000%	0.00	1594.74	HB45	-0.0072	1.2226	0.0000	0.194	0.222	**Left**	HB45	12.00	0.00	4.03	0.00	4.03	18.000	**OK**	0.162	0.162	1.367	1.367		0.222
↓	Grade		2119+30.00	HB45	1593.49	60.55	-2.000%	0.00	1594.70	0.00	-2.000%	0.00	1594.70	HB45	-0.0072	1.2296	0.0000	0.222	0.249	**Left**	HB45	12.00	0.00	4.21	0.00	4.21	18.000	**OK**	0.177	0.177	1.408	1.408		0.249
↓	Grade		2119+35.00	HB45	1593.45	60.54	-2.000%	0.00	1594.66	0.00	-2.000%	0.00	1594.66	HB45	-0.0072	1.2365	0.0000	0.249	0.277	**Left**	HB45	12.00	0.00	4.38	0.00	4.38	18.000	**OK**	0.192	0.192	1.446	1.446		0.277
↓	Grade		2119+40.00	HB45	1593.42	60.52	-2.000%	0.00	1594.63	0.00	-2.000%	0.00	1594.63	HB45	-0.0072	1.2435	0.0000	0.277	0.305	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.206	0.206	1.481	1.481		0.305
↓	Grade		2119+45.00	HB45	1593.38	60.50	-2.000%	0.00	1594.59	0.00	-2.000%	0.00	1594.59	HB45	-0.0072	1.2504	0.0000	0.305	0.333	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.220	0.220	1.516	1.516		0.333
↓	Grade		2119+50.00	HB45	1593.35	60.49	-2.000%	0.00	1594.56	0.00	-2.000%	0.00	1594.56	HB45	-0.0072	1.2574	0.0000	0.333	0.361	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.233	0.233	1.551	1.551		0.361
↓	Grade		2119+55.00	HB45	1593.31	60.47	-2.000%	0.00	1594.52	0.00	-2.000%	0.00	1594.52	HB45	-0.0072	1.2643	0.0000	0.361	0.389	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.245	0.245	1.585	1.585		0.389
↓	Grade		2119+60.00	HB45	1593.27	60.46	-2.000%	0.00	1594.48	0.00	-2.000%	0.00	1594.48	HB45	-0.0072	1.2713	0.0000	0.389	0.417	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.257	0.257	1.619	1.619		0.417
↓	Grade		2119+65.00	HB45	1593.24	60.44	-2.000%	0.00	1594.45	0.00	-2.000%	0.00	1594.45	HB45	-0.0072	1.2782	0.0000	0.417	0.444	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.269	0.269	1.653	1.653		0.444
↓	Grade		2119+70.00	HB45	1593.20	60.43	-2.000%	0.00	1594.41	0.00	-2.000%	0.00	1594.41	HB45	-0.0072	1.2851	0.0000	0.444	0.472	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.280	0.280	1.685	1.685		0.472
↓	Grade		2119+75.00	HB45	1593.17	60.41	-2.000%	0.00	1594.37	0.00	-2.000%	0.00	1594.37	HB45	-0.0072	1.2921	0.0000	0.472	0.500	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.291	0.291	1.718	1.718		0.500
↓	Grade		2119+80.00	HB45	1593.13	60.40	-2.000%	0.00	1594.34	0.00	-2.000%	0.00	1594.34	HB45	-0.0072	1.2990	0.0000	0.500	0.528	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.302	0.302	1.749	1.749		0.528
↓	Grade		2119+85.00	HB45	1593.09	60.38	-2.000%	0.00	1594.30	0.00	-2.000%	0.00	1594.30	HB45	-0.0072	1.3059	0.0000	0.528	0.556	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.312	0.312	1.780	1.780		0.556
↓	Grade		2119+90.00	HB45	1593.06	60.37	-2.000%	0.00	1594.27	0.00	-2.000%	0.00	1594.27	HB45	-0.0072	1.3129	0.0000	0.556	0.583	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.322	0.322	1.810	1.810		0.583
↓	Grade		2119+95.00	HB45	1593.02	60.35	-2.000%	0.00	1594.23	0.00	-2.000%	0.00	1594.23	HB45	-0.0072	1.3198	0.0000	0.583	0.611	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.332	0.332	1.839	1.839		0.611
↓	Grade		2120+00.00	HB45	1592.99	60.34	-2.000%	0.00	1594.19	0.00	-2.000%	0.00	1594.19	HB45	-0.0072	1.3267	0.0000	0.611	0.639	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.342	0.342	1.868	1.868		0.639
↓	Grade		2120+05.00	HB45	1592.95	60.32	-2.000%	0.00	1594.16	0.00	-2.000%	0.00	1594.16	HB45	-0.0072	1.3337	0.0000	0.639	0.667	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.352	0.352	1.896	1.896		0.667
↓	Grade		2120+10.00	HB45	1592.91	60.31	-2.000%	0.00	1594.12	0.00	-2.000%	0.00	1594.12	HB45	-0.0072	1.3406	0.0000	0.667	0.694	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.361	0.361	1.924	1.924		0.694
↓	Grade		2120+15.00	HB45	1592.88	60.29	-2.000%	0.00	1594.08	0.00	-2.000%	0.00	1594.08	HB45	-0.0072	1.3475	0.0000	0.694	0.722	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.370	0.370	1.951	1.951		0.722
↓	Grade		2120+20.00	HB45	1592.84	60.28	-2.000%	0.00	1594.05	0.00	-2.000%	0.00	1594.05	HB45	-0.0072	1.3544	0.0000	0.722	0.750	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.379	0.379	1.978	1.978		0.750
↓	Grade		2120+25.00	HB45	1592.81	60.26	-2.000%	0.00	1594.01	0.00	-2.000%	0.00	1594.01	HB45	-0.0072	1.3613	0.0000	0.750	0.778	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.388	0.388	2.004	2.004		0.778
↓	Grade		2120+30.00	HB45	1592.77	60.25	-2.000%	0.00	1593.98	0.00	-2.000%	0.00	1593.98	HB45	-0.0072	1.3683	0.0000	0.778	0.805	**Left**	HB45	12.00	0.00	4.50	0.08	4.58	18.000	**OK**	0.397	0.397	2.030	2.030		0.805
↓	Grade		2120+35.00	HB45	1592.74	60.23	-2.000%	0.00	1593.94	0.00	-2.000%	0.00	1593.94	HB45	-0.0072	1.3752	0.0000	0.805	0.833	**Left**	HB45	12.00	0.00	4.50	0.17	4.67	18.000	**OK**	0.405	0.406	2.055	2.054		0.833
↓	Grade		2120+40.00	HB45	1592.70	60.22	-2.000%	0.00	1593.90	0.00	-2.000%	0.00	1593.90	HB45	-0.0072	1.3821	0.0000	0.833	0.861	**Left**	HB45	12.00	0.00	4.50	0.26	4.76	18.000	**OK**	0.414	0.415	2.080	2.077		0.861
↓	Grade		2120+45.00	HB45	1592.66	60.20	-2.000%	0.00	1593.87	0.00	-2.000%	0.00	1593.87	HB45	-0.0072	1.3890	0.0000	0.861	0.889	**Left**	HB45	12.00	0.00	4.50	0.36	4.86	18.000	**OK**	0.422	0.423	2.104	2.098		0.889

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade		2120+50.00	HB45	1592.63	60.19	-2.000%	0.00	1593.83	0.00	-2.000%	0.00	1593.83	HB45	-0.0072	1.3959	0.0000	0.889	0.916	**Left**	HB45	12.00	0.00	4.50	0.45	4.95	18.000	**OK**	0.430	0.432	2.128	2.119		0.916
↓	Grade		2120+55.00	HB45	1592.59	60.17	-2.000%	0.00	1593.80	0.00	-2.000%	0.00	1593.80	HB45	-0.0072	1.4028	0.0000	0.916	0.944	**Left**	HB45	12.00	0.00	4.50	0.54	5.04	18.000	**OK**	0.438	0.441	2.151	2.139		0.944
↓	Grade		2120+60.00	HB45	1592.56	60.16	-2.000%	0.00	1593.76	0.00	-2.000%	0.00	1593.76	HB45	-0.0072	1.4097	0.0000	0.944	0.972	**Left**	HB45	12.00	0.00	4.50	0.63	5.13	18.000	**OK**	0.446	0.450	2.174	2.158		0.972
↓	Grade		2120+65.00	HB45	1592.52	60.14	-2.000%	0.00	1593.72	0.00	-2.000%	0.00	1593.72	HB45	-0.0072	1.4166	0.0000	0.972	0.999	**Left**	HB45	12.00	0.00	4.50	0.71	5.21	18.000	**OK**	0.454	0.459	2.197	2.176		0.999
↓	Grade		2120+70.00	HB45	1592.48	60.13	-2.000%	0.00	1593.69	0.00	-2.000%	0.00	1593.69	HB45	-0.0072	1.4235	0.0000	0.999	1.027	**Left**	HB45	12.00	0.00	4.50	0.80	5.30	18.000	**OK**	0.462	0.468	2.219	2.194		1.027
↓	Grade		2120+75.00	HB45	1592.45	60.11	-2.000%	0.00	1593.65	0.00	-2.000%	0.00	1593.65	HB45	-0.0072	1.4304	0.0000	1.027	1.055	**Left**	HB45	12.00	0.00	4.50	0.88	5.38	18.000	**OK**	0.469	0.477	2.240	2.210		1.055
↓	Grade		2120+80.00	HB45	1592.41	60.10	-2.000%	0.00	1593.61	0.00	-2.000%	0.00	1593.61	HB45	-0.0072	1.4373	0.0000	1.055	1.082	**Left**	HB45	12.00	0.00	4.50	0.96	5.46	18.000	**OK**	0.477	0.486	2.261	2.226		1.082
↓	Grade		2120+85.00	HB45	1592.38	60.08	-2.000%	0.00	1593.58	0.00	-2.000%	0.00	1593.58	HB45	-0.0072	1.4442	0.0000	1.082	1.110	**Left**	HB45	12.00	0.00	4.50	1.05	5.55	18.000	**OK**	0.484	0.495	2.282	2.242		1.110
↓	Grade		2120+90.00	HB45	1592.34	60.07	-2.000%	0.00	1593.54	0.00	-2.000%	0.00	1593.54	HB45	-0.0072	1.4511	0.0000	1.110	1.138	**Left**	HB45	12.00	0.00	4.50	1.13	5.63	18.000	**OK**	0.491	0.504	2.303	2.257		1.138
↓	Grade		2120+95.00	HB45	1592.30	60.05	-2.000%	0.00	1593.51	0.00	-2.000%	0.00	1593.51	HB45	-0.0072	1.4580	0.0000	1.138	1.165	**Left**	HB45	12.00	0.00	4.50	1.21	5.71	18.000	**OK**	0.498	0.513	2.323	2.271		1.165
↓	Grade		2121+00.00	HB45	1592.27	60.04	-2.000%	0.00	1593.47	0.00	-2.000%	0.00	1593.47	HB45	-0.0072	1.4649	0.0000	1.165	1.193	**Left**	HB45	12.00	0.00	4.50	1.28	5.78	18.000	**OK**	0.505	0.522	2.343	2.285		1.193
↓	Grade		2121+05.00	HB45	1592.23	60.02	-2.000%	0.00	1593.43	0.00	-2.000%	0.00	1593.43	HB45	-0.0072	1.4718	0.0000	1.193	1.220	**Left**	HB45	12.00	0.00	4.50	1.36	5.86	18.000	**OK**	0.512	0.531	2.362	2.299		1.220
↓	Grade		2121+10.00	HB45	1592.20	60.00	-2.000%	0.00	1593.40	0.00	-2.000%	0.00	1593.40	HB45	-0.0072	1.4787	0.0000	1.220	1.248	**Left**	HB45	12.00	0.00	4.50	1.44	5.94	18.000	**OK**	0.519	0.540	2.381	2.312		1.248
↓	Grade		2121+15.00	HB45	1592.16	59.99	-2.000%	0.00	1593.36	0.00	-2.000%	0.00	1593.36	HB45	-0.0072	1.4856	0.0000	1.248	1.276	**Left**	HB45	12.00	0.00	4.50	1.51	6.01	18.000	**OK**	0.526	0.549	2.400	2.325		1.276
↓	Grade		2121+20.00	HB45	1592.13	59.97	-2.000%	0.00	1593.32	0.00	-2.000%	0.00	1593.32	HB45	-0.0072	1.4924	0.0000	1.276	1.303	**Left**	HB45	12.00	0.00	4.50	1.58	6.08	18.000	**OK**	0.533	0.558	2.419	2.337		1.303
↓	Grade		2121+25.00	HB45	1592.09	59.96	-2.000%	0.00	1593.29	0.00	-2.000%	0.00	1593.29	HB45	-0.0072	1.4993	0.0000	1.303	1.331	**Left**	HB45	12.00	0.00	4.50	1.66	6.16	18.000	**OK**	0.539	0.567	2.437	2.349		1.331
↓	Grade		2121+30.00	HB45	1592.05	59.94	-2.000%	0.00	1593.25	0.00	-2.000%	0.00	1593.25	HB45	-0.0072	1.5062	0.0000	1.331	1.358	**Left**	HB45	12.00	0.00	4.50	1.73	6.23	18.000	**OK**	0.546	0.576	2.455	2.360		1.358
↓	Grade		2121+35.00	HB45	1592.02	59.93	-2.000%	0.00	1593.22	0.00	-2.000%	0.00	1593.22	HB45	-0.0072	1.5131	0.0000	1.358	1.386	**Left**	HB45	12.00	0.00	4.50	1.80	6.30	18.000	**OK**	0.552	0.584	2.473	2.372		1.386
↓	Grade		2121+40.00	HB45	1591.98	59.91	-2.000%	0.00	1593.18	0.00	-2.000%	0.00	1593.18	HB45	-0.0072	1.5200	0.0000	1.386	1.414	**Left**	HB45	12.00	0.00	4.50	1.87	6.37	18.000	**OK**	0.558	0.593	2.490	2.383		1.414
↓	Grade		2121+45.00	HB45	1591.95	59.90	-2.000%	0.00	1593.14	0.00	-2.000%	0.00	1593.14	HB45	-0.0072	1.5268	0.0000	1.414	1.441	**Left**	HB45	12.00	0.00	4.50	1.94	6.44	18.000	**OK**	0.565	0.602	2.507	2.393		1.441
↓	Grade		2121+50.00	HB45	1591.91	59.88	-2.000%	0.00	1593.11	0.00	-2.000%	0.00	1593.11	HB45	-0.0072	1.5337	0.0000	1.441	1.469	**Left**	HB45	12.00	0.00	4.50	2.01	6.51	18.000	**OK**	0.571	0.611	2.524	2.404		1.469
↓	Grade		2121+55.00	HB45	1591.87	59.87	-2.000%	0.00	1593.07	0.00	-2.000%	0.00	1593.07	HB45	-0.0072	1.5406	0.0000	1.469	1.496	**Left**	HB45	12.00	0.00	4.50	2.07	6.57	18.000	**OK**	0.577	0.620	2.541	2.414		1.496
↓	Grade		2121+60.00	HB45	1591.84	59.85	-2.000%	0.00	1593.04	0.00	-2.000%	0.00	1593.04	HB45	-0.0072	1.5475	0.0000	1.496	1.524	**Left**	HB45	12.00	0.00	4.50	2.14	6.64	18.000	**OK**	0.583	0.629	2.557	2.424		1.524
↓	Grade		2121+65.00	HB45	1591.80	59.84	-2.000%	0.00	1593.00	0.00	-2.000%	0.00	1593.00	HB45	-0.0072	1.5543	0.0000	1.524	1.551	**Left**	HB45	12.00	0.00	4.50	2.21	6.71	18.000	**OK**	0.589	0.637	2.574	2.434		1.551
↓	Grade		2121+70.00	HB45	1591.77	59.82	-2.000%	0.00	1592.96	0.00	-2.000%	0.00	1592.96	HB45	-0.0072	1.5612	0.0000	1.551	1.579	**Left**	HB45	12.00	0.00	4.50	2.27	6.77	18.000	**OK**	0.595	0.646	2.590	2.443		1.579
↓	Grade		2121+75.00	HB45	1591.73	59.81	-2.000%	0.00	1592.93	0.00	-2.000%	0.00	1592.93	HB45	-0.0072	1.5681	0.0000	1.579	1.606	**Left**	HB45	12.00	0.00	4.50	2.34	6.84	18.000	**OK**	0.600	0.655	2.605	2.453		1.606
↓	Grade		2121+80.00	HB45	1591.69	59.79	-2.000%	0.00	1592.89	0.00	-2.000%	0.00	1592.89	HB45	-0.0072	1.5749	0.0000	1.606	1.634	**Left**	HB45	12.00	0.00	4.50	2.40	6.90	18.000	**OK**	0.606	0.664	2.621	2.462		1.634
↓	Grade		2121+85.00	HB45	1591.66	59.78	-2.000%	0.00	1592.85	0.00	-2.000%	0.00	1592.85	HB45	-0.0072	1.5818	0.0000	1.634	1.661	**Left**	HB45	12.00	0.00	4.50	2.46	6.96	18.000	**OK**	0.612	0.673	2.636	2.471		1.661
↓	Grade		2121+90.00	HB45	1591.62	59.76	-2.000%	0.00	1592.82	0.00	-2.000%	0.00	1592.82	HB45	-0.0072	1.5887	0.0000	1.661	1.689	**Left**	HB45	12.00	0.00	4.50	2.53	7.03	18.000	**OK**	0.617	0.681	2.651	2.479		1.689
↓	Grade		2121+95.00	HB45	1591.59	59.75	-2.000%	0.00	1592.78	0.00	-2.000%	0.00	1592.78	HB45	-0.0072	1.5955	0.0000	1.689	1.716	**Left**	HB45	12.00	0.00	4.50	2.59	7.09	18.000	**OK**	0.623	0.690	2.666	2.488		1.716
↓	Grade		2122+00.00	HB45	1591.55	59.73	-2.000%	0.00	1592.75	0.00	-2.000%	0.00	1592.75	HB45	-0.0072	1.6024	0.0000	1.716	1.744	**Left**	HB45	12.00	0.00	4.50	2.65	7.15	18.000	**OK**	0.628	0.699	2.681	2.496		1.744
↓	Grade		2122+05.00	HB45	1591.52	59.72	-2.000%	0.00	1592.71	0.00	-2.000%	0.00	1592.71	HB45	-0.0072	1.6092	0.0000	1.744	1.771	**Left**	HB45	12.00	0.00	4.50	2.71	7.21	18.000	**OK**	0.634	0.707	2.696	2.504		1.771
↓	Grade		2122+10.00	HB45	1591.48	59.70	-2.000%	0.00	1592.67	0.00	-2.000%	0.00	1592.67	HB45	-0.0072	1.6161	0.0000	1.771	1.799	**Left**	HB45	12.00	0.00	4.50	2.77	7.27	18.000	**OK**	0.639	0.716	2.710	2.512		1.799
↓	Grade		2122+15.00	HB45	1591.44	59.69	-2.000%	0.00	1592.64	0.00	-2.000%	0.00	1592.64	HB45	-0.0072	1.6229	0.0000	1.799	1.826	**Left**	HB45	12.00	0.00	4.50	2.83	7.33	18.000	**OK**	0.645	0.725	2.724	2.520		1.826
↓	Grade		2122+20.00	HB45	1591.41	59.67	-2.000%	0.00	1592.60	0.00	-2.000%	0.00	1592.60	HB45	-0.0072	1.6298	0.0000	1.826	1.854	**Left**	HB45	12.00	0.00	4.50	2.89	7.39	18.000	**OK**	0.650	0.733	2.738	2.528		1.854
↓	Grade		2122+25.00	HB45	1591.37	59.66	-2.000%	0.00	1592.56	0.00	-2.000%	0.00	1592.56	HB45	-0.0072	1.6366	0.0000	1.854	1.881	**Left**	HB45	12.00	0.00	4.50	2.95	7.45	18.000	**OK**	0.655	0.742	2.752	2.536		1.881
↓	Grade		2122+30.00	HB45	1591.34	59.64	-2.000%	0.00	1592.53	0.00	-2.000%	0.00	1592.53	HB45	-0.0072	1.6435	0.0000	1.881	1.909	**Left**	HB45	12.00	0.00	4.50	3.00	7.50	18.000	**OK**	0.660	0.750	2.766	2.543		1.909
↓	Grade		2122+35.00	HB45	1591.30	59.63	-2.000%	0.00	1592.49	0.00	-2.000%	0.00	1592.49	HB45	-0.0072	1.6503	0.0000	1.909	1.936	**Left**	HB45	12.00	0.00	4.50	3.06	7.56	18.000	**OK**	0.665	0.759	2.780	2.551		1.936
↓	Grade		2122+40.00	HB45	1591.26	59.61	-2.000%	0.00	1592.46	0.00	-2.000%	0.00	1592.46	HB45	-0.0072	1.6572	0.0000	1.936	1.964	**Left**	HB45	12.00	0.00	4.50	3.12	7.62	18.000	**OK**	0.671	0.768	2.793	2.558		1.964
↓	Grade		2122+45.00	HB45	1591.23	59.60	-2.000%	0.00	1592.42	0.00	-2.000%	0.00	1592.42	HB45	-0.0072	1.6640	0.0000	1.964	1.991	**Left**	HB45	12.00	0.00	4.50	3.17	7.67	18.000	**OK**	0.676	0.776	2.806	2.565		1.991
↓	Grade		2122+50.00	HB45	1591.19	59.58	-2.000%	0.00	1592.38	0.00	-2.000%	0.00	1592.38	HB45	-0.0072	1.6708	0.0000	1.991	2.018	**Left**	HB45	12.00	0.00	4.50	3.23	7.73	18.000	**OK**	0.681	0.785	2.819	2.572		2.018
↓	Grade		2122+55.00	HB45	1591.16	59.57	-2.000%	0.00	1592.35	0.00	-2.000%	0.00	1592.35	HB45	-0.0072	1.6777	0.0000	2.018	2.046	**Left**	HB45	12.00	0.00	4.50	3.28	7.78	18.000	**OK**	0.685	0.793	2.832	2.579		2.046
↓	Grade		2122+60.00	HB45	1591.12	59.55	-2.000%	0.00	1592.31	0.00	-2.000%	0.00	1592.31	HB45	-0.0072	1.6845	0.0000	2.046	2.073	**Left**	HB45	12.00	0.00	4.50	3.34	7.84	18.000	**OK**	0.690	0.802	2.845	2.586		2.073
↓	Grade		2122+65.00	HB45	1591.08	59.56	-2.000%	0.00	1592.28	0.00	-2.000%	0.00	1592.28	HB45	-0.0072	1.6914	0.0000	2.073	2.101	**Left**	HB45	12.00	0.00	4.50	3.39	7.89	18.000	**OK**	0.695	0.810	2.858	2.593		2.101
↓	Grade		2122+70.00	HB45	1591.05	59.56	-2.000%	0.00	1592.24	0.00	-2.000%	0.00	1592.24	HB45	-0.0072	1.6982	0.0000	2.101	2.128	**Left**	HB45	12.00	0.00	4.50	3.44	7.94	18.000	**OK**	0.700	0.819	2.870	2.599		2.128
↓	Grade		2122+75.00	HB45	1591.01	59.57	-2.000%	0.00	1592.20	0.00	-2.000%	0.00	1592.20	HB45	-0.0072	1.7050	0.0000	2.128	2.156	**Left**	HB45	12.00	0.00	4.50	3.50	8.00	18.000	**OK**	0.705	0.827	2.883	2.606		2.156
↓	Grade		2122+80.00	HB45	1590.98	59.57	-2.000%	0.00	1592.17	0.00	-2.000%	0.00	1592.17	HB45	-0.0072	1.7119	0.0000	2.156	2.183	**Left**	HB45	12.00	0.00	4.50	3.55	8.05	18.000	**OK**	0.710	0.836	2.895	2.612		2.183
↓	Grade		2122+85.00	HB45	1590.94	59.58	-2.000%	0.00	1592.13	0.00	-2.000%	0.00	1592.13	HB45	-0.0072	1.7187	0.0000	2.183	2.210	**Left**	HB45	12.00	0.00	4.50	3.60	8.10	18.000	**OK**	0.714	0.844	2.907	2.619		2.210
↓	Grade		2122+90.00	HB45	1590.90	59.58	-2.000%	0.00	1592.09	0.00	-2.000%	0.00	1592.09	HB45	-0.0072	1.7255	0.0000	2.210	2.238	**Left**	HB45	12.00	0.00	4.50	3.65	8.15	18.000	**OK**	0.719	0.852	2.919	2.625		2.238
↓	Grade		2122+95.00	HB45	1590.87	59.59	-2.000%	0.00	1592.06	0.00	-2.000%	0.00	1592.06	HB45	-0.0072	1.7324	0.0000	2.238	2.265	**Left**	HB45	12.00	0.00	4.50	3.71	8.21	18.000	**OK**	0.724	0.861	2.931	2.631		2.265
↓	Grade	**3**	2123+00.00	HB45	1590.83	59.59	-2.000%	0.00	1592.02	0.00	-2.000%	0.00	1592.02	HB45	-0.0072	1.7392	0.0000	2.265	2.293	**Left**	HB45	12.00	0.00	4.50	3.76	8.26	18.000	**OK**	0.728	0.869	2.943	2.638	3	2.293
↓	Grade		2123+05.00	HB45	1590.79	59.60	-2.000%	0.00	1591.99	0.00	-2.000%	0.00	1591.99	HB45	-0.0072	1.7461	0.0000	0.157	0.185	**Left**	HB45	12.00	0.00	3.76	0.00	3.76	18.000	**OK**	0.141	0.141	1.306	1.306		0.185
↓	Grade		2123+10.00	HB45	1590.76	59.60	-2.000%	0.00	1591.95	0.00	-2.000%	0.00	1591.95	HB45	-0.0072	1.7529	0.0000	0.185	0.212	**Left**	HB45	12.00	0.00	3.96	0.00	3.96	18.000	**OK**	0.157	0.157	1.352	1.352		0.212
↓	Grade		2123+15.00	HB45	1590.72	59.61	-2.000%	0.00	1591.91	0.00	-2.000%	0.00	1591.91	HB45	-0.0072	1.7597	0.0000	0.212	0.240	**Left**	HB45	12.00	0.00	4.15	0.00	4.15	18.000	**OK**	0.172	0.172	1.394	1.394		0.240
↓	Grade		2123+20.00	HB45	1590.69	59.61	-2.000%	0.00	1591.88	0.00	-2.000%	0.00	1591.88	HB45	-0.0072	1.7666	0.0000	0.240	0.267	**Left**	HB45	12.00	0.00	4.32	0.00	4.32	18.000	**OK**	0.186	0.186	1.432	1.432		0.267
↓	Grade		2123+25.00	HB45	1590.65	59.62	-2.000%	0.00	1591.84	0.00	-2.000%	0.00	1591.84	HB45	-0.0072	1.7734	0.0000	0.267	0.294	**Left**	HB45	12.00	0.00	4.48	0.00	4.48	18.000	**OK**	0.201	0.201	1.467	1.467		0.294
↓	Grade		2123+30.00	HB45	1590.61	59.63	-2.000%	0.00	1591.81	0.00	-2.000%	0.00	1591.81	HB45	-0.0072	1.7803	0.0000	0.294	0.322	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.214	0.214	1.502	1.502		0.322
↓	Grade		2123+35.00	HB45	1590.58	59.63	-2.000%	0.00	1591.77	0.00	-2.000%	0.00	1591.77	HB45	-0.0072	1.7871	0.0000	0.322	0.349	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.227	0.227	1.536	1.536		0.349
↓	Grade		2123+40.00	HB45	1590.54	59.64	-2.000%	0.00	1591.73	0.00	-2.000%	0.00	1591.73	HB45	-0.0072	1.7940	0.0000	0.349	0.377	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.240	0.240	1.570	1.570		0.377
↓	Grade		2123+45.00	HB45	1590.50	59.64	-2.000%	0.00	1591.70	0.00	-2.000%	0.00	1591.70	HB45	-0.0072	1.8008	0.0000	0.377	0.404	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.252	0.252	1.604	1.604		0.404
↓	Grade		2123+50.00	HB45	1590.47	59.65	-2.000%	0.00	1591.66	0.00	-2.000%	0.00	1591.66	HB45	-0.0072	1.8077	0.0000	0.404	0.432	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.264	0.264	1.637	1.637		0.432
↓	Grade		2123+55.00	HB45	1590.43	59.65	-2.000%	0.00	1591.62	0.00	-2.000%	0.00	1591.62	HB45	-0.0072	1.8145	0.0000	0.432	0.459	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.275	0.275	1.670	1.670		0.459
↓	Grade		2123+60.00	HB45	1590.39	59.66	-2.000%	0.00	1591.59	0.00	-2.000%	0.00	1591.59	HB45	-0.0072	1.8214	0.0000	0.459	0.486	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.286	0.286	1.702	1.702		0.486
↓	Grade		2123+65.00	HB45	1590.36	59.66	-2.000%	0.00	1591.55	0.00	-2.000%	0.00	1591.55	HB45	-0.0072	1.8282	0.0000	0.486	0.514	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.296	0.296	1.733	1.733		0.514
↓	Grade		2123+70.00	HB45	1590.32	59.67	-2.000%	0.00	1591.52	0.00	-2.000%	0.00	1591.52	HB45	-0.0072	1.8350	0.0000	0.514	0.541	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.307	0.307	1.764	1.764		0.541
↓	Grade		2123+75.00	HB45	1590.29	59.67	-2.000%	0.00	1591.48	0.00	-2.000%	0.00	1591.48	HB45	-0.0072	1.8419	0.0000	0.541	0.569	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.317	0.317	1.794	1.794		0.569
↓	Grade		2123+80.00	HB45	1590.25	59.68	-2.000%	0.00	1591.44	0.00	-2.000%	0.00	1591.44	HB45	-0.0072	1.8487	0.0000	0.569	0.596	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.327	0.327	1.824	1.824		0.596
↓	Grade		2123+85.00	HB45	1590.21	59.68	-2.000%	0.00	1591.41	0.00	-2.000%	0.00	1591.41	HB45	-0.0072	1.8556	0.0000	0.596	0.624	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.337	0.337	1.852	1.852		0.624
↓	Grade		2123+90.00	HB45	1590.18	59.69	-2.000%	0.00	1591.37	0.00	-2.000%	0.00	1591.37	HB45	-0.0072	1.8624	0.0000	0.624	0.651	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.346	0.346	1.881	1.881		0.651
↓	Grade		2123+95.00	HB45	1590.14	59.70	-2.000%	0.00	1591.33	0.00	-2.000%	0.00	1591.33	HB45	-0.0072	1.8693	0.0000	0.651	0.679	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.356	0.356	1.908	1.908		0.679
↓	Grade		2124+00.00	HB45	1590.10	59.70	-2.000%	0.00	1591.30	0.00	-2.000%	0.00	1591.30	HB45	-0.0072	1.8762	0.0000	0.679	0.706	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.365	0.365	1.936	1.936		0.706
↓	Grade		2124+05.00	HB45	1590.07	59.71	-2.000%	0.00	1591.26	0.00	-2.000%	0.00	1591.26	HB45	-0.0072	1.8830	0.0000	0.706	0.734	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.374	0.374	1.962	1.962		0.734
↓	Grade		2124+10.00	HB45	1590.03	59.71	-2.000%	0.00	1591.23	0.00	-2.000%	0.00	1591.23	HB45	-0.0072	1.8899	0.0000	0.734	0.761	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.383	0.383	1.989	1.989		0.761
↓	Grade		2124+15.00	HB45	1590.00	59.72	-2.000%	0.00	1591.19	0.00	-2.000%	0.00	1591.19	HB45	-0.0063	1.8967	0.0000	0.761	0.789	**Left**	HB45	12.00	0.00	4.50	0.22	4.72	18.000	**OK**	0.410	0.411	1.923	1.921		0.789

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade		2124+20.00	HB45	1589.96	59.72	-2.000%	0.00	1591.16	0.00	-2.000%	0.00	1591.16	HB45	-0.0072	1.9036	0.0000	0.789	0.816	**Left**	HB45	12.00	0.00	4.50	0.12	4.62	18.000	**OK**	0.401	0.401	2.036	2.035		0.816
↓	Grade		2124+25.00	HB45	1589.93	59.73	-2.000%	0.00	1591.12	0.00	-2.000%	0.00	1591.12	HB45	-0.0071	1.9104	0.0000	0.816	0.844	**Left**	HB45	12.00	0.00	4.50	0.23	4.73	18.000	**OK**	0.411	0.411	2.054	2.052		0.844
↓	Grade		2124+30.00	HB45	1589.89	59.73	-2.000%	0.00	1591.09	0.00	-2.000%	0.00	1591.09	HB45	-0.0070	1.9173	0.0000	0.844	0.871	**Left**	HB45	12.00	0.00	4.50	0.34	4.84	18.000	**OK**	0.420	0.422	2.071	2.066		0.871
↓	Grade		2124+35.00	HB45	1589.86	59.74	-2.000%	0.00	1591.05	0.00	-2.000%	0.00	1591.05	HB45	-0.0070	1.9241	0.0000	0.871	0.899	**Left**	HB45	12.00	0.00	4.50	0.45	4.95	18.000	**OK**	0.430	0.432	2.088	2.079		0.899
↓	Grade		2124+40.00	HB45	1589.82	59.74	-2.000%	0.00	1591.02	0.00	-2.000%	0.00	1591.02	HB45	-0.0069	1.9310	0.0000	0.899	0.926	**Left**	HB45	12.00	0.00	4.50	0.55	5.05	18.000	**OK**	0.440	0.443	2.103	2.091		0.926
↓	Grade		2124+45.00	HB45	1589.79	59.75	-2.000%	0.00	1590.98	0.00	-2.000%	0.00	1590.98	HB45	-0.0068	1.9379	0.0000	0.926	0.954	**Left**	HB45	12.00	0.00	4.50	0.66	5.16	18.000	**OK**	0.449	0.454	2.119	2.101		0.954
↓	Grade		2124+50.00	HB45	1589.76	59.75	-2.000%	0.00	1590.95	0.00	-2.000%	0.00	1590.95	HB45	-0.0067	1.9447	0.0000	0.954	0.981	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.459	0.465	2.133	2.111		0.981
↓	Grade		2124+55.00	HB45	1589.72	59.76	-2.000%	0.00	1590.92	0.00	-2.000%	0.00	1590.92	HB45	-0.0067	1.9516	0.0000	0.981	1.009	**Left**	HB45	12.00	0.00	4.50	0.87	5.37	18.000	**OK**	0.468	0.476	2.147	2.119		1.009
↓	Grade		2124+60.00	HB45	1589.69	59.77	-2.000%	0.00	1590.88	0.00	-2.000%	0.00	1590.88	HB45	-0.0066	1.9584	0.0000	1.009	1.036	**Left**	HB45	12.00	0.00	4.50	0.98	5.48	18.000	**OK**	0.478	0.487	2.160	2.126		1.036
↓	Grade		2124+65.00	HB45	1589.66	59.77	-2.000%	0.00	1590.85	0.00	-2.000%	0.00	1590.85	HB45	-0.0065	1.9653	0.0000	1.036	1.064	**Left**	HB45	12.00	0.00	4.50	1.08	5.58	18.000	**OK**	0.487	0.499	2.173	2.132		1.064
↓	Grade		2124+70.00	HB45	1589.62	59.78	-2.000%	0.00	1590.82	0.00	-2.000%	0.00	1590.82	HB45	-0.0064	1.9722	0.0000	1.064	1.091	**Left**	HB45	12.00	0.00	4.50	1.18	5.68	18.000	**OK**	0.496	0.510	2.185	2.138		1.091
↓	Grade		2124+75.00	HB45	1589.59	59.78	-2.000%	0.00	1590.79	0.00	-2.000%	0.00	1590.79	HB45	-0.0064	1.9790	0.0000	1.091	1.119	**Left**	HB45	12.00	0.00	4.50	1.28	5.78	18.000	**OK**	0.506	0.522	2.196	2.142		1.119
↓	Grade		2124+80.00	HB45	1589.56	59.79	-2.000%	0.00	1590.76	0.00	-2.000%	0.00	1590.76	HB45	-0.0063	1.9859	0.0000	1.119	1.146	**Left**	HB45	12.00	0.00	4.50	1.39	5.89	18.000	**OK**	0.515	0.534	2.207	2.146		1.146
↓	Grade		2124+85.00	HB45	1589.53	59.79	-2.000%	0.00	1590.73	0.00	-2.000%	0.00	1590.73	HB45	-0.0062	1.9927	0.0000	1.146	1.174	**Left**	HB45	12.00	0.00	4.50	1.49	5.99	18.000	**OK**	0.524	0.546	2.217	2.149		1.174
↓	Grade		2124+90.00	HB45	1589.50	59.80	-2.000%	0.00	1590.70	0.00	-2.000%	0.00	1590.70	HB45	-0.0061	1.9996	0.0000	1.174	1.201	**Left**	HB45	12.00	0.00	4.50	1.59	6.09	18.000	**OK**	0.533	0.558	2.227	2.151		1.201
↓	Grade		2124+95.00	HB45	1589.47	59.80	-2.000%	0.00	1590.66	0.00	-2.000%	0.00	1590.66	HB45	-0.0061	2.0065	0.0000	1.201	1.229	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.542	0.571	2.236	2.153		1.229
↓	Grade		2125+00.00	HB45	1589.44	59.81	-2.000%	0.00	1590.63	0.00	-2.000%	0.00	1590.63	HB45	-0.0060	2.0133	0.0000	1.229	1.256	**Left**	HB45	12.00	0.00	4.50	1.79	6.29	18.000	**OK**	0.551	0.583	2.245	2.154		1.256
↓	Grade		2125+05.00	HB45	1589.41	59.81	-2.000%	0.00	1590.61	0.00	-2.000%	0.00	1590.61	HB45	-0.0059	2.0202	0.0000	1.256	1.284	**Left**	HB45	12.00	0.00	4.50	1.89	6.39	18.000	**OK**	0.560	0.596	2.253	2.154		1.284
↓	Grade		2125+10.00	HB45	1589.38	59.82	-2.000%	0.00	1590.58	0.00	-2.000%	0.00	1590.58	HB45	-0.0058	2.0271	0.0000	1.284	1.311	**Left**	HB45	12.00	0.00	4.50	1.99	6.49	18.000	**OK**	0.569	0.609	2.260	2.154		1.311
↓	Grade		2125+15.00	HB45	1589.35	59.82	-2.000%	0.00	1590.55	0.00	-2.000%	0.00	1590.55	HB45	-0.0057	2.0339	0.0000	1.311	1.339	**Left**	HB45	12.00	0.00	4.50	2.09	6.59	18.000	**OK**	0.578	0.622	2.267	2.153		1.339
↓	Grade		2125+20.00	HB45	1589.32	59.83	-2.000%	0.00	1590.52	0.00	-2.000%	0.00	1590.52	HB45	-0.0057	2.0408	0.0000	1.339	1.366	**Left**	HB45	12.00	0.00	4.50	2.19	6.69	18.000	**OK**	0.587	0.635	2.274	2.152		1.366
↓	Grade		2125+25.00	HB45	1589.29	59.84	-2.000%	0.00	1590.49	0.00	-2.000%	0.00	1590.49	HB45	-0.0056	2.0477	0.0000	1.366	1.394	**Left**	HB45	12.00	0.00	4.50	2.29	6.79	18.000	**OK**	0.596	0.648	2.280	2.150		1.394
↓	Grade		2125+30.00	HB45	1589.27	59.84	-2.000%	0.00	1590.46	0.00	-2.000%	0.00	1590.46	HB45	-0.0055	2.0545	0.0000	1.394	1.421	**Left**	HB45	12.00	0.00	4.50	2.39	6.89	18.000	**OK**	0.605	0.662	2.285	2.147		1.421
↓	Grade		2125+35.00	HB45	1589.24	59.85	-2.000%	0.00	1590.44	0.00	-2.000%	0.00	1590.44	HB45	-0.0054	2.0614	0.0000	1.421	1.449	**Left**	HB45	12.00	0.00	4.50	2.49	6.99	18.000	**OK**	0.614	0.676	2.290	2.145		1.449
↓	Grade		2125+40.00	HB45	1589.21	59.85	-2.000%	0.00	1590.41	0.00	-2.000%	0.00	1590.41	HB45	-0.0054	2.0683	0.0000	1.449	1.476	**Left**	HB45	12.00	0.00	4.50	2.59	7.09	18.000	**OK**	0.623	0.690	2.295	2.141		1.476
↓	Grade		2125+45.00	HB45	1589.19	59.86	-2.000%	0.00	1590.38	0.00	-2.000%	0.00	1590.38	HB45	-0.0053	2.0751	0.0000	1.476	1.504	**Left**	HB45	12.00	0.00	4.50	2.68	7.18	18.000	**OK**	0.632	0.704	2.299	2.137		1.504
↓	Grade		2125+50.00	HB45	1589.16	59.86	-2.000%	0.00	1590.36	0.00	-2.000%	0.00	1590.36	HB45	-0.0052	2.0820	0.0000	1.504	1.531	**Left**	HB45	12.00	0.00	4.50	2.78	7.28	18.000	**OK**	0.640	0.718	2.302	2.133		1.531
↓	Grade		2125+55.00	HB45	1589.13	59.87	-2.000%	0.00	1590.33	0.00	-2.000%	0.00	1590.33	HB45	-0.0051	2.0889	0.0000	1.531	1.559	**Left**	HB45	12.00	0.00	4.50	2.88	7.38	18.000	**OK**	0.649	0.732	2.305	2.129		1.559
↓	Grade		2125+60.00	HB45	1589.11	59.87	-2.000%	0.00	1590.31	0.00	-2.000%	0.00	1590.31	HB45	-0.0051	2.0958	0.0000	1.559	1.587	**Left**	HB45	12.00	0.00	4.50	2.98	7.48	18.000	**OK**	0.658	0.747	2.308	2.124		1.587
↓	Grade		2125+65.00	HB45	1589.08	59.88	-2.000%	0.00	1590.28	0.00	-2.000%	0.00	1590.28	HB45	-0.0050	2.1026	0.0000	1.587	1.614	**Left**	HB45	12.00	0.00	4.50	3.08	7.58	18.000	**OK**	0.667	0.762	2.310	2.118		1.614
↓	Grade		2125+70.00	HB45	1589.06	59.88	-2.000%	0.00	1590.26	0.00	-2.000%	0.00	1590.26	HB45	-0.0049	2.1095	0.0000	1.614	1.642	**Left**	HB45	12.00	0.00	4.50	3.18	7.68	18.000	**OK**	0.676	0.777	2.311	2.112		1.642
↓	Grade		2125+75.00	HB45	1589.03	59.89	-2.000%	0.00	1590.23	0.00	-2.000%	0.00	1590.23	HB45	-0.0048	2.1164	0.0000	1.642	1.669	**Left**	HB45	12.00	0.00	4.50	3.28	7.78	18.000	**OK**	0.685	0.793	2.312	2.106		1.669
↓	Grade		2125+80.00	HB45	1589.01	59.89	-2.000%	0.00	1590.21	0.00	-2.000%	0.00	1590.21	HB45	-0.0048	2.1233	0.0000	1.669	1.697	**Left**	HB45	12.00	0.00	4.50	3.38	7.88	18.000	**OK**	0.694	0.808	2.313	2.100		1.697
↓	Grade		2125+85.00	HB45	1588.99	59.90	-2.000%	0.00	1590.19	0.00	-2.000%	0.00	1590.19	HB45	-0.0047	2.1301	0.0000	1.697	1.724	**Left**	HB45	12.00	0.00	4.50	3.48	7.98	18.000	**OK**	0.703	0.824	2.313	2.093		1.724
↓	Grade		2125+90.00	HB45	1588.96	59.91	-2.000%	0.00	1590.16	0.00	-2.000%	0.00	1590.16	HB45	-0.0046	2.1370	0.0000	1.724	1.752	**Left**	HB45	12.00	0.00	4.50	3.58	8.08	18.000	**OK**	0.712	0.840	2.313	2.085		1.752
↓	Grade		2125+95.00	HB45	1588.94	59.91	-2.000%	0.00	1590.14	0.00	-2.000%	0.00	1590.14	HB45	-0.0045	2.1439	0.0000	1.752	1.780	**Left**	HB45	12.00	0.00	4.50	3.68	8.18	18.000	**OK**	0.721	0.857	2.312	2.078		1.780
↓	Grade		2126+00.00	HB45	1588.92	59.92	-2.000%	0.00	1590.12	0.00	-2.000%	0.00	1590.12	HB45	-0.0044	2.1508	0.0000	1.780	1.807	**Left**	HB45	12.00	0.00	4.50	3.78	8.28	18.000	**OK**	0.730	0.873	2.311	2.069		1.807
↓	Grade		2126+05.00	HB45	1588.90	59.92	-2.000%	0.00	1590.10	0.00	-2.000%	0.00	1590.10	HB45	-0.0044	2.1576	0.0000	1.807	1.835	**Left**	HB45	12.00	0.00	4.50	3.88	8.38	18.000	**OK**	0.739	0.890	2.309	2.061		1.835
↓	Grade		2126+10.00	HB45	1588.88	59.93	-2.000%	0.00	1590.07	0.00	-2.000%	0.00	1590.07	HB45	-0.0043	2.1645	0.0000	1.835	1.862	**Left**	HB45	12.00	0.00	4.50	3.98	8.48	18.000	**OK**	0.749	0.907	2.307	2.052		1.862
↓	Grade		2126+15.00	HB45	1588.85	59.93	-2.000%	0.00	1590.05	0.00	-2.000%	0.00	1590.05	HB45	-0.0042	2.1714	0.0000	1.862	1.890	**Left**	HB45	12.00	0.00	4.50	4.09	8.59	18.000	**OK**	0.758	0.925	2.305	2.043		1.890
↓	Grade		2126+20.00	HB45	1588.83	59.94	-2.000%	0.00	1590.03	0.00	-2.000%	0.00	1590.03	HB45	-0.0041	2.1783	0.0000	1.890	1.917	**Left**	HB45	12.00	0.00	4.50	4.19	8.69	18.000	**OK**	0.767	0.943	2.302	2.034		1.917
↓	Grade		2126+25.00	HB45	1588.81	59.94	-2.000%	0.00	1590.01	0.00	-2.000%	0.00	1590.01	HB45	-0.0041	2.1852	0.0000	1.917	1.945	**Left**	HB45	12.00	0.00	4.50	4.29	8.79	18.000	**OK**	0.777	0.961	2.298	2.024		1.945
↓	Grade		2126+30.00	HB45	1588.79	59.95	-2.000%	0.00	1589.99	0.00	-2.000%	0.00	1589.99	HB45	-0.0040	2.1920	0.0000	1.945	1.973	**Left**	HB45	12.00	0.00	4.50	4.40	8.90	18.000	**OK**	0.786	0.980	2.294	2.014		1.973
↓	Grade		2126+35.00	HB45	1588.77	59.95	-2.000%	0.00	1589.97	0.00	-2.000%	0.00	1589.97	HB45	-0.0039	2.1989	0.0000	1.973	2.000	**Left**	HB45	12.00	0.00	4.50	4.51	9.01	18.000	**OK**	0.796	0.999	2.290	2.003		2.000
↓	Grade		2126+40.00	HB45	1588.75	59.96	-2.000%	0.00	1589.95	0.00	-2.000%	0.00	1589.95	HB45	-0.0038	2.2058	0.0000	2.000	2.028	**Left**	HB45	12.00	0.00	4.50	4.61	9.11	18.000	**OK**	0.805	1.018	2.285	1.992		2.028
↓	Grade		2126+45.00	HB45	1588.74	59.96	-2.000%	0.00	1589.93	0.00	-2.000%	0.00	1589.93	HB45	-0.0038	2.2127	0.0000	2.028	2.055	**Left**	HB45	12.00	0.00	4.50	4.72	9.22	18.000	**OK**	0.815	1.038	2.279	1.981		2.055
↓	Grade		2126+50.00	HB45	1588.72	59.97	-2.000%	0.00	1589.92	0.00	-2.000%	0.00	1589.92	HB45	-0.0037	2.2196	0.0000	2.055	2.083	**Left**	HB45	12.00	0.00	4.50	4.83	9.33	18.000	**OK**	0.825	1.058	2.273	1.969		2.083
↓	Grade		2126+55.00	HB45	1588.70	59.98	-2.000%	0.00	1589.90	0.00	-2.000%	0.00	1589.90	HB45	-0.0036	2.2264	0.0000	2.083	2.111	**Left**	HB45	12.00	0.00	4.50	4.94	9.44	18.000	**OK**	0.834	1.078	2.267	1.957		2.111
↓	Grade		2126+60.00	HB45	1588.68	59.98	-2.000%	0.00	1589.88	0.00	-2.000%	0.00	1589.88	HB45	-0.0035	2.2333	0.0000	2.111	2.138	**Left**	HB45	12.00	0.00	4.50	5.05	9.55	18.000	**OK**	0.844	1.099	2.260	1.945		2.138
↓	Grade		2126+65.00	HB45	1588.66	59.99	-2.000%	0.00	1589.86	0.00	-2.000%	0.00	1589.86	HB45	-0.0035	2.2402	0.0000	2.138	2.166	**Left**	HB45	12.00	0.00	4.50	5.16	9.66	18.000	**OK**	0.854	1.121	2.253	1.932		2.166
↓	Grade		2126+70.00	HB45	1588.65	59.99	-2.000%	0.00	1589.85	0.00	-2.000%	0.00	1589.85	HB45	-0.0034	2.2471	0.0000	2.166	2.193	**Left**	HB45	12.00	0.00	4.50	5.27	9.77	18.000	**OK**	0.865	1.143	2.245	1.919		2.193
↓	Grade		2126+75.00	HB45	1588.63	60.00	-2.000%	0.00	1589.83	0.00	-2.000%	0.00	1589.83	HB45	-0.0033	2.2540	0.0000	2.193	2.221	**Left**	HB45	12.00	0.00	4.50	5.39	9.89	18.000	**OK**	0.875	1.165	2.236	1.906		2.221
↓	Grade		2126+80.00	HB45	1588.61	60.00	-2.000%	0.00	1589.81	0.00	-2.000%	0.00	1589.81	HB45	-0.0032	2.2609	0.0000	2.221	2.249	**Left**	HB45	12.00	0.00	4.50	5.50	10.00	18.000	**OK**	0.885	1.188	2.227	1.892		2.249
↓	Grade		2126+85.00	HB45	1588.60	60.01	-2.000%	0.00	1589.80	0.00	-2.000%	0.00	1589.80	HB45	-0.0031	2.2678	0.0000	2.249	2.276	**Left**	HB45	12.00	0.00	4.50	5.62	10.12	18.000	**OK**	0.896	1.212	2.218	1.878		2.276
↓	Grade		2126+90.00	HB45	1588.58	60.01	-2.000%	0.00	1589.78	0.00	-2.000%	0.00	1589.78	HB45	-0.0031	2.2747	0.0000	2.276	2.304	**Left**	HB45	12.00	0.00	4.50	5.74	10.24	18.000	**OK**	0.907	1.237	2.207	1.863		2.304
↓	Grade		2126+95.00	HB45	1588.57	60.02	-2.000%	0.00	1589.77	0.00	-2.000%	0.00	1589.77	HB45	-0.0030	2.2815	0.0000	2.304	2.331	**Left**	HB45	12.00	0.00	4.50	5.86	10.36	18.000	**OK**	0.918	1.262	2.197	1.848		2.331
↓	Grade		2127+00.00	HB45	1588.55	60.02	-2.000%	0.00	1589.75	0.00	-2.000%	0.00	1589.75	HB45	-0.0029	2.2884	0.0000	2.331	2.359	**Left**	HB45	12.00	0.00	4.50	5.99	10.49	18.000	**OK**	0.929	1.287	2.185	1.833		2.359
↓	Grade		2127+05.00	HB45	1588.54	60.03	-2.000%	0.00	1589.74	0.00	-2.000%	0.00	1589.74	HB45	-0.0028	2.2953	0.0000	2.359	2.387	**Left**	HB45	12.00	0.00	4.50	6.11	10.61	18.000	**OK**	0.940	1.314	2.174	1.817		2.387
↓	Grade		2127+10.00	HB45	1588.52	60.03	-2.000%	0.00	1589.73	0.00	-2.000%	0.00	1589.73	HB45	-0.0028	2.3022	0.0000	2.387	2.414	**Left**	HB45	12.00	0.00	4.50	6.24	10.74	18.000	**OK**	0.952	1.341	2.161	1.800		2.414
↓	Grade		2127+15.00	HB45	1588.51	60.04	-2.000%	0.00	1589.71	0.00	-2.000%	0.00	1589.71	HB45	-0.0027	2.3091	0.0000	2.414	2.442	**Left**	HB45	12.00	0.00	4.50	6.37	10.87	18.000	**OK**	0.963	1.369	2.148	1.784		2.442
↓	Grade		2127+20.00	HB45	1588.50	60.05	-2.000%	0.00	1589.70	0.00	-2.000%	0.00	1589.70	HB45	-0.0026	2.3160	0.0000	2.442	2.470	**Left**	HB45	12.00	0.00	4.50	6.50	11.00	18.000	**OK**	0.975	1.398	2.134	1.766		2.470
↓	Grade		2127+25.00	HB45	1588.49	60.05	-2.000%	0.00	1589.69	0.00	-2.000%	0.00	1589.69	HB45	-0.0025	2.3229	0.0000	2.470	2.497	**Left**	HB45	12.00	0.00	4.50	6.64	11.14	18.000	**OK**	0.987	1.428	2.120	1.749		2.497
↓	Grade		2127+30.00	HB45	1588.47	60.06	-2.000%	0.00	1589.67	0.00	-2.000%	0.00	1589.67	HB45	-0.0025	2.3298	0.0000	2.497	2.525	**Left**	HB45	12.00	0.00	4.50	6.78	11.28	18.000	**OK**	1.000	1.459	2.105	1.730		2.525
↓	Grade		2127+35.00	HB45	1588.46	60.06	-2.000%	0.00	1589.66	0.00	-2.000%	0.00	1589.66	HB45	-0.0024	2.3367	0.0000	2.525	2.552	**Left**	HB45	12.00	0.00	4.50	6.92	11.42	18.000	**OK**	1.013	1.491	2.089	1.712		2.552
↓	Grade		2127+40.00	HB45	1588.45	60.07	-2.000%	0.00	1589.65	0.00	-2.000%	0.00	1589.65	HB45	-0.0023	2.3436	0.0000	2.552	2.580	**Left**	HB45	12.00	0.00	4.50	7.06	11.56	18.000	**OK**	1.026	1.525	2.072	1.692		2.580
↓	Grade		2127+45.00	HB45	1588.44	60.07	-2.000%	0.00	1589.64	0.00	-2.000%	0.00	1589.64	HB45	-0.0022	2.3505	0.0000	2.580	2.608	**Left**	HB45	12.00	0.00	4.50	7.21	11.71	18.000	**OK**	1.039	1.559	2.055	1.673		2.608
↓	Grade		2127+50.00	HB45	1588.43	60.08	-2.000%	0.00	1589.63	0.00	-2.000%	0.00	1589.63	HB45	-0.0022	2.3574	0.0000	2.608	2.635	**Left**	HB45	12.00	0.00	4.50	7.36	11.86	18.000	**OK**	1.053	1.595	2.037	1.652		2.635
↓	Grade		2127+55.00	HB45	1588.42	60.08	-2.000%	0.00	1589.62	0.00	-2.000%	0.00	1589.62	HB45	-0.0021	2.3643	0.0000	2.635	2.663	**Left**	HB45	12.00	0.00	4.50	7.52	12.02	18.000	**OK**	1.067	1.633	2.018	1.631		2.663
↓	Grade		2127+60.00	HB45	1588.41	60.09	-2.000%	0.00	1589.61	0.00	-2.000%	0.00	1589.61	HB45	-0.0020	2.3712	0.0000	2.663	2.691	**Left**	HB45	12.00	0.00	4.50	7.68	12.18	18.000	**OK**	1.082	1.672	1.998	1.609		2.691
↓	Grade		2127+65.00	HB45	1588.40	60.09	-2.000%	0.00	1589.60	0.00	-2.000%	0.00	1589.60	HB45	-0.0019	2.3780	0.0000	2.691	2.718	**Left**	HB45	12.00	0.00	4.50	7.85	12.35	18.000	**OK**	1.097	1.713	1.977	1.587		2.718
↓	Grade		2127+70.00	HB45	1588.39	60.10	-2.000%	0.00	1589.59	0.00	-2.000%	0.00	1589.59	HB45	-0.0018	2.3849	0.0000	2.718	2.746	**Left**	HB45	12.00	0.00	4.50	8.02	12.52	18.000	**OK**	1.112	1.756	1.955	1.564		2.746
↓	Grade	**3**	2127+75.00	HB45	1588.38	60.10	-2.000%	0.00	1589.58	0.00	-2.000%	0.00	1589.58	HB45	-0.0018	2.3918	0.0000	2.746	2.774	**Left**	HB45	12.00	0.00	4.50	8.20	12.70	18.000	**OK**	1.128	1.801	1.932	1.540	3	2.774
↓	Grade		2127+80.00	HB45	1588.37	60.11	-2.000%	0.00	1589.57	0.00	-2.000%	0.00	1589.57	HB45	-0.0017	2.3987	0.0000	0.662	0.690	**Left**	HB45	12.00	0.00	4.50	1.90	6.40	18.000	**OK**	0.561	0.597	1.208	1.155		0.690
↓	Grade		2127+85.00	HB45	1588.36	60.12	-2.000%	0.00	1589.56	0.00	-2.000%	0.00	1589.56	HB45	-0.0016	2.4056	0.0000	0.690	0.717	**Left**	HB45	12.00	0.00	4.50	2.13	6.63	18.000	**OK**	0.582	0.627	1.207	1.144		0.717

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↓	Grade		2127+90.00	HB45	1588.35	60.12	-2.000%	0.00	1589.56	0.00	-2.000%	0.00	1589.56	HB45	-0.0015	2.4125	0.0000	0.717	0.745	**Left**	HB45	12.00	0.00	4.50	2.36	6.86	18.000	**OK**	0.602	0.658	1.204	1.132		0.745
↓	Grade		2127+95.00	HB45	1588.35	60.13	-2.000%	0.00	1589.55	0.00	-2.000%	0.00	1589.55	HB45	-0.0015	2.4194	0.0000	0.745	0.773	**Left**	HB45	12.00	0.00	4.50	2.59	7.09	18.000	**OK**	0.623	0.691	1.199	1.119		0.773
↓	Grade		2128+00.00	HB45	1588.34	60.13	-2.000%	0.00	1589.54	0.00	-2.000%	0.00	1589.54	HB45	-0.0014	2.4263	0.0000	0.773	0.800	**Left**	HB45	12.00	0.00	4.50	2.83	7.33	18.000	**OK**	0.645	0.725	1.193	1.103		0.800
↓	Grade		2128+05.00	HB45	1588.33	60.14	-2.000%	0.00	1589.54	0.00	-2.000%	0.00	1589.54	HB45	-0.0013	2.4333	0.0000	0.800	0.828	**Left**	HB45	12.00	0.00	4.50	3.08	7.58	18.000	**OK**	0.667	0.762	1.185	1.086		0.828
↓	Grade		2128+10.00	HB45	1588.33	60.14	-2.000%	0.00	1589.53	0.00	-2.000%	0.00	1589.53	HB45	-0.0012	2.4402	0.0000	0.828	0.856	**Left**	HB45	12.00	0.00	4.50	3.34	7.84	18.000	**OK**	0.690	0.802	1.174	1.067		0.856
↓	Grade		2128+15.00	HB45	1588.32	60.15	-2.000%	0.00	1589.52	0.00	-2.000%	0.00	1589.52	HB45	-0.0012	2.4471	0.0000	0.856	0.883	**Left**	HB45	12.00	0.00	4.50	3.60	8.10	18.000	**OK**	0.714	0.844	1.162	1.047		0.883
↓	Grade		2128+20.00	HB45	1588.32	60.15	-2.000%	0.00	1589.52	0.00	-2.000%	0.00	1589.52	HB45	-0.0011	2.4540	0.0000	0.883	0.911	**Left**	HB45	12.00	0.00	4.50	3.88	8.38	18.000	**OK**	0.739	0.889	1.148	1.025		0.911
↓	Grade		2128+25.00	HB45	1588.31	60.16	-2.000%	0.00	1589.51	0.00	-2.000%	0.00	1589.51	HB45	-0.0010	2.4609	0.0000	0.911	0.939	**Left**	HB45	12.00	0.00	4.50	4.17	8.67	18.000	**OK**	0.765	0.938	1.131	1.000		0.939
↓	Grade		2128+30.00	HB45	1588.31	60.16	-2.000%	0.00	1589.51	0.00	-2.000%	0.00	1589.51	HB45	-0.0009	2.4678	0.0000	0.939	0.966	**Left**	HB45	12.00	0.00	4.50	4.47	8.97	18.000	**OK**	0.792	0.992	1.112	0.974		0.966
↓	Grade	**3**	2128+35.00	HB45	1588.30	60.17	-2.000%	0.00	1589.50	0.00	-2.000%	0.00	1589.50	HB45	-0.0009	2.4747	0.0000	0.966	0.994	**Left**	HB45	12.00	0.00	4.50	4.79	9.29	18.000	**OK**	0.822	1.051	1.090	0.946	3	0.994
↓	Grade		2128+40.00	HB45	1588.30	60.18	-2.000%	0.00	1589.50	0.00	-2.000%	0.00	1589.50	HB45	-0.0008	2.4816	0.0000	0.138	0.166	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.294	0.294	0.565	0.565		0.166
↓	Grade		2128+45.00	HB45	1588.29	60.18	-2.000%	0.00	1589.50	0.00	-2.000%	0.00	1589.50	HB45	-0.0007	2.4885	0.0000	0.166	0.194	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.337	0.337	0.575	0.575		0.194
↓	Grade		2128+50.00	HB45	1588.29	60.19	-2.000%	0.00	1589.49	0.00	-2.000%	0.00	1589.49	HB45	-0.0006	2.4954	0.0000	0.194	0.222	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.381	0.381	0.581	0.581		0.222
↓	Grade		2128+55.00	HB45	1588.29	60.19	-2.000%	0.00	1589.49	0.00	-2.000%	0.00	1589.49	HB45	-0.0005	2.5023	0.0000	0.222	0.249	**Left**	HB45	12.00	0.00	4.50	0.42	4.92	18.000	**OK**	0.428	0.430	0.582	0.580		0.249
↓	Grade		2128+60.00	HB45	1588.28	60.20	-2.000%	0.00	1589.49	0.00	-2.000%	0.00	1589.49	HB45	-0.0005	2.5092	0.0000	0.249	0.277	**Left**	HB45	12.00	0.00	4.50	0.98	5.48	18.000	**OK**	0.478	0.488	0.577	0.567		0.277
↓	Grade		2128+65.00	HB45	1588.28	60.20	-2.000%	0.00	1589.49	0.00	-2.000%	0.00	1589.49	HB45	-0.0004	2.5161	0.0000	0.277	0.305	**Left**	HB45	12.00	0.00	4.50	1.60	6.10	18.000	**OK**	0.534	0.560	0.564	0.544		0.305
↓	Grade		2128+70.00	HB45	1588.28	60.21	-2.000%	0.00	1589.49	0.00	-2.000%	0.00	1589.49	HB45	-0.0003	2.5230	0.0000	0.305	0.332	**Left**	HB45	12.00	0.00	4.50	2.30	6.80	18.000	**OK**	0.597	0.650	0.542	0.511		0.332
↓	Grade		2128+75.00	HB45	1588.28	60.21	-2.000%	0.00	1589.48	0.00	-2.000%	0.00	1589.48	HB45	-0.0002	2.5300	0.0000	0.332	0.360	**Left**	HB45	12.00	0.00	4.50	3.15	7.65	18.000	**OK**	0.674	0.773	0.509	0.466		0.360
↓	Grade	**10**	2128+80.00	HB45	1588.28	60.22	-2.000%	0.00	1589.48	0.00	-2.000%	0.00	1589.48	HB45	-0.0002	2.5369	0.0000	0.360	0.388	**Left**	HB45	12.00	0.00	4.50	4.28	8.78	18.000	**OK**	0.775	0.959	0.459	0.404	10	0.388
↓	Grade		2128+85.00	HB45	1588.28	60.22	-2.000%	0.00	1589.48	0.00	-2.000%	0.00	1589.48	HB45	-0.0001	2.5438	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	4.24	0.00	4.24	18.000	**OK**	0.180	0.180	0.154	0.154		0.028
↓	Sag	**3**	2128+90.00	HB45	1588.28	60.23	-2.000%	0.00	1589.48	0.00	-2.000%	0.00	1589.48	HB45	0.0000	6.9185	0.0000	0.055	0.111	**Left**	HB45	12.00	0.00	4.50	5.04	9.54	18.000	**OK**	0.844	1.097	0.117	0.101	3	0.111
↑	Grade		2128+95.00	HB45	1588.28	60.23	-2.000%	0.00	1589.48	0.00	-2.000%	0.00	1589.48	HB45	0.0001	4.3609	0.0000	0.000	0.028	**Left**	HB45	12.00	0.00	4.44	0.00	4.44	18.000	**OK**	0.197	0.197	0.140	0.140		0.028
↑	Grade	**10**	2129+00.00	HB45	1588.28	60.24	-2.000%	0.00	1589.48	0.00	-2.000%	0.00	1589.48	HB45	0.0001	4.3540	0.0000	0.553	0.580	**Left**	HB45	12.00	0.00	4.50	6.51	11.01	18.000	**OK**	0.976	1.401	0.501	0.414	10	0.580
↑	Grade		2129+05.00	HB45	1588.28	60.25	-2.000%	0.00	1589.48	0.00	-2.000%	0.00	1589.48	HB45	0.0002	4.3471	0.0000	0.525	0.553	**Left**	HB45	12.00	0.00	4.50	5.21	9.71	18.000	**OK**	0.859	1.131	0.571	0.489		0.553
↑	Grade		2129+10.00	HB45	1588.28	60.25	-2.000%	0.00	1589.49	0.00	-2.000%	0.00	1589.49	HB45	0.0003	4.3402	0.0000	0.497	0.525	**Left**	HB45	12.00	0.00	4.50	4.29	8.79	18.000	**OK**	0.776	0.960	0.621	0.547		0.525
↑	Grade		2129+15.00	HB45	1588.28	60.26	-2.000%	0.00	1589.49	0.00	-2.000%	0.00	1589.49	HB45	0.0004	4.3333	0.0000	0.469	0.497	**Left**	HB45	12.00	0.00	4.50	3.56	8.06	18.000	**OK**	0.711	0.838	0.658	0.593		0.497
↑	Grade		2129+20.00	HB45	1588.29	60.26	-2.000%	0.00	1589.49	0.00	-2.000%	0.00	1589.49	HB45	0.0004	4.3264	0.0000	0.442	0.469	**Left**	HB45	12.00	0.00	4.50	2.95	7.45	18.000	**OK**	0.656	0.743	0.686	0.632		0.469
↑	Grade		2129+25.00	HB45	1588.29	60.27	-2.000%	0.00	1589.49	0.00	-2.000%	0.00	1589.49	HB45	0.0005	4.3194	0.0000	0.414	0.442	**Left**	HB45	12.00	0.00	4.50	2.41	6.91	18.000	**OK**	0.607	0.665	0.707	0.664		0.442
↑	Grade		2129+30.00	HB45	1588.29	60.27	-2.000%	0.00	1589.50	0.00	-2.000%	0.00	1589.50	HB45	0.0006	4.3125	0.0000	0.386	0.414	**Left**	HB45	12.00	0.00	4.50	1.92	6.42	18.000	**OK**	0.563	0.600	0.722	0.690		0.414
↑	Grade		2129+35.00	HB45	1588.29	60.28	-2.000%	0.00	1589.50	0.00	-2.000%	0.00	1589.50	HB45	0.0007	4.3056	0.0000	0.358	0.386	**Left**	HB45	12.00	0.00	4.50	1.47	5.97	18.000	**OK**	0.522	0.544	0.732	0.710		0.386
↑	Grade		2129+40.00	HB45	1588.30	60.28	-2.000%	0.00	1589.50	0.00	-2.000%	0.00	1589.50	HB45	0.0008	4.2987	0.0000	0.331	0.358	**Left**	HB45	12.00	0.00	4.50	1.05	5.55	18.000	**OK**	0.484	0.495	0.737	0.724		0.358
↑	Grade		2129+45.00	HB45	1588.30	60.29	-2.000%	0.00	1589.51	0.00	-2.000%	0.00	1589.51	HB45	0.0008	4.2918	0.0000	0.303	0.331	**Left**	HB45	12.00	0.00	4.50	0.64	5.14	18.000	**OK**	0.447	0.452	0.738	0.732		0.331
↑	Grade		2129+50.00	HB45	1588.31	60.29	-2.000%	0.00	1589.51	0.00	-2.000%	0.00	1589.51	HB45	0.0009	4.2849	0.0000	0.275	0.303	**Left**	HB45	12.00	0.00	4.50	0.25	4.75	18.000	**OK**	0.412	0.413	0.735	0.734		0.303
↑	Grade		2129+55.00	HB45	1588.31	60.30	-2.000%	0.00	1589.52	0.00	-2.000%	0.00	1589.52	HB45	0.0010	4.2779	0.0000	0.248	0.275	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.378	0.378	0.728	0.728		0.275
↑	Grade		2129+60.00	HB45	1588.32	60.30	-2.000%	0.00	1589.52	0.00	-2.000%	0.00	1589.52	HB45	0.0011	4.2710	0.0000	0.220	0.248	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.345	0.345	0.718	0.718		0.248
↑	Grade		2129+65.00	HB45	1588.32	60.31	-2.000%	0.00	1589.53	0.00	-2.000%	0.00	1589.53	HB45	0.0011	4.2641	0.0000	0.192	0.220	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.312	0.312	0.705	0.705		0.220
↑	Grade		2129+70.00	HB45	1588.33	60.32	-2.000%	0.00	1589.53	0.00	-2.000%	0.00	1589.53	HB45	0.0012	4.2572	0.0000	0.164	0.192	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.279	0.279	0.689	0.689		0.192
↑	Grade		2129+75.00	HB45	1588.33	60.32	-2.000%	0.00	1589.54	0.00	-2.000%	0.00	1589.54	HB45	0.0013	4.2502	0.0000	0.137	0.164	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.245	0.245	0.670	0.670		0.164
↑	Grade		2129+80.00	HB45	1588.34	60.33	-2.000%	0.00	1589.55	0.00	-2.000%	0.00	1589.55	HB45	0.0014	4.2433	0.0000	0.109	0.137	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.211	0.211	0.648	0.648		0.137
↑	Grade		2129+85.00	HB45	1588.35	60.33	-2.000%	0.00	1589.55	0.00	-2.000%	0.00	1589.55	HB45	0.0014	4.2364	0.0000	0.081	0.109	**Left**	HB45	12.00	0.00	4.17	0.00	4.17	18.000	**OK**	0.174	0.174	0.625	0.625		0.109
↑	Grade		2129+90.00	HB45	1588.36	60.34	-2.000%	0.00	1589.56	0.00	-2.000%	0.00	1589.56	HB45	0.0015	4.2295	0.0000	0.053	0.081	**Left**	HB45	12.00	0.00	3.70	0.00	3.70	18.000	**OK**	0.137	0.137	0.592	0.592		0.081
↑	Grade		2129+95.00	HB45	1588.36	60.34	-2.000%	0.00	1589.57	0.00	-2.000%	0.00	1589.57	HB45	0.0016	4.2225	0.0000	0.025	0.053	**Left**	HB45	12.00	0.00	3.13	0.00	3.13	18.000	**OK**	0.098	0.098	0.543	0.543		0.053
↑	Grade	**3**	2130+00.00	HB45	1588.37	60.35	-2.000%	0.00	1589.58	0.00	-2.000%	0.00	1589.58	HB45	0.0017	4.2156	0.0000	0.739	0.767	**Left**	HB45	12.00	0.00	4.50	2.31	6.81	18.000	**OK**	0.598	0.651	1.250	1.177	3	0.767
↑	Grade		2130+05.00	HB45	1588.38	60.35	-2.000%	0.00	1589.59	0.00	-2.000%	0.00	1589.59	HB45	0.0017	4.2087	0.0000	0.711	0.739	**Left**	HB45	12.00	0.00	4.50	2.09	6.59	18.000	**OK**	0.578	0.622	1.251	1.188		0.739
↑	Grade		2130+10.00	HB45	1588.39	60.36	-2.000%	0.00	1589.60	0.00	-2.000%	0.00	1589.60	HB45	0.0018	4.2018	0.0000	0.684	0.711	**Left**	HB45	12.00	0.00	4.50	1.88	6.38	18.000	**OK**	0.559	0.594	1.252	1.197		0.711
↑	Grade		2130+15.00	HB45	1588.40	60.36	-2.000%	0.00	1589.61	0.00	-2.000%	0.00	1589.61	HB45	0.0019	4.1948	0.0000	0.656	0.684	**Left**	HB45	12.00	0.00	4.50	1.66	6.16	18.000	**OK**	0.540	0.567	1.250	1.205		0.684
↑	Grade		2130+20.00	HB45	1588.41	60.37	-2.000%	0.00	1589.62	0.00	-2.000%	0.00	1589.62	HB45	0.0020	4.1879	0.0000	0.628	0.656	**Left**	HB45	12.00	0.00	4.50	1.45	5.95	18.000	**OK**	0.521	0.542	1.248	1.210		0.656
↑	Grade		2130+25.00	HB45	1588.42	60.37	-2.000%	0.00	1589.63	0.00	-2.000%	0.00	1589.63	HB45	0.0021	4.1810	0.0000	0.600	0.628	**Left**	HB45	12.00	0.00	4.50	1.24	5.74	18.000	**OK**	0.502	0.517	1.243	1.214		0.628
↑	Grade		2130+30.00	HB45	1588.43	60.38	-2.000%	0.00	1589.64	0.00	-2.000%	0.00	1589.64	HB45	0.0021	4.1741	0.0000	0.572	0.600	**Left**	HB45	12.00	0.00	4.50	1.03	5.53	18.000	**OK**	0.483	0.494	1.237	1.216		0.600
↑	Grade		2130+35.00	HB45	1588.44	60.39	-2.000%	0.00	1589.65	0.00	-2.000%	0.00	1589.65	HB45	0.0022	4.1671	0.0000	0.545	0.572	**Left**	HB45	12.00	0.00	4.50	0.83	5.33	18.000	**OK**	0.464	0.471	1.230	1.215		0.572
↑	Grade		2130+40.00	HB45	1588.45	60.39	-2.000%	0.00	1589.66	0.00	-2.000%	0.00	1589.66	HB45	0.0023	4.1602	0.0000	0.517	0.545	**Left**	HB45	12.00	0.00	4.50	0.62	5.12	18.000	**OK**	0.446	0.450	1.221	1.212		0.545
↑	Grade		2130+45.00	HB45	1588.46	60.40	-2.000%	0.00	1589.67	0.00	-2.000%	0.00	1589.67	HB45	0.0024	4.1533	0.0000	0.489	0.517	**Left**	HB45	12.00	0.00	4.50	0.41	4.91	18.000	**OK**	0.427	0.429	1.210	1.206		0.517
↑	Grade		2130+50.00	HB45	1588.48	60.40	-2.000%	0.00	1589.68	0.00	-2.000%	0.00	1589.68	HB45	0.0024	4.1463	0.0000	0.461	0.489	**Left**	HB45	12.00	0.00	4.50	0.20	4.70	18.000	**OK**	0.408	0.409	1.198	1.197		0.489
↑	Grade		2130+55.00	HB45	1588.49	60.41	-2.000%	0.00	1589.70	0.00	-2.000%	0.00	1589.70	HB45	0.0025	4.1394	0.0000	0.433	0.461	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.390	0.390	1.184	1.184		0.461
↑	Grade		2130+60.00	HB45	1588.50	60.41	-2.000%	0.00	1589.71	0.00	-2.000%	0.00	1589.71	HB45	0.0026	4.1325	0.0000	0.406	0.433	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.371	0.371	1.169	1.169		0.433
↑	Grade		2130+65.00	HB45	1588.51	60.42	-2.000%	0.00	1589.72	0.00	-2.000%	0.00	1589.72	HB45	0.0027	4.1255	0.0000	0.378	0.406	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.352	0.352	1.152	1.152		0.406
↑	Grade		2130+70.00	HB45	1588.53	60.42	-2.000%	0.00	1589.74	0.00	-2.000%	0.00	1589.74	HB45	0.0027	4.1186	0.0000	0.350	0.378	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.333	0.333	1.134	1.134		0.378
↑	Grade		2130+75.00	HB45	1588.54	60.43	-2.000%	0.00	1589.75	0.00	-2.000%	0.00	1589.75	HB45	0.0028	4.1117	0.0000	0.322	0.350	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.314	0.314	1.115	1.115		0.350
↑	Grade		2130+80.00	HB45	1588.56	60.43	-2.000%	0.00	1589.76	0.00	-2.000%	0.00	1589.76	HB45	0.0029	4.1047	0.0000	0.294	0.322	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.295	0.295	1.093	1.093		0.322
↑	Grade		2130+85.00	HB45	1588.57	60.44	-2.000%	0.00	1589.78	0.00	-2.000%	0.00	1589.78	HB45	0.0030	4.0978	0.0000	0.267	0.294	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.275	0.275	1.071	1.071		0.294
↑	Grade	**3**	2130+90.00	HB45	1588.59	60.44	-2.000%	0.00	1589.79	0.00	-2.000%	0.00	1589.79	HB45	0.0030	4.0909	0.0000	2.070	2.098	**Left**	HB45	12.00	0.00	4.50	5.30	9.80	18.000	**OK**	0.867	1.149	2.138	1.827	3	2.098
↑	Grade		2130+95.00	HB45	1588.60	60.45	-2.000%	0.00	1589.81	0.00	-2.000%	0.00	1589.81	HB45	0.0031	4.0839	0.0000	2.042	2.070	**Left**	HB45	12.00	0.00	4.50	5.18	9.68	18.000	**OK**	0.856	1.125	2.147	1.841		2.070
↑	Grade		2131+00.00	HB45	1588.62	60.46	-2.000%	0.00	1589.83	0.00	-2.000%	0.00	1589.83	HB45	0.0032	4.0770	0.0000	2.015	2.042	**Left**	HB45	12.00	0.00	4.50	5.06	9.56	18.000	**OK**	0.845	1.102	2.155	1.854		2.042
↑	Grade		2131+05.00	HB45	1588.63	60.46	-2.000%	0.00	1589.84	0.00	-2.000%	0.00	1589.84	HB45	0.0033	4.0700	0.0000	1.987	2.015	**Left**	HB45	12.00	0.00	4.50	4.94	9.44	18.000	**OK**	0.835	1.079	2.163	1.867		2.015
↑	Grade		2131+10.00	HB45	1588.65	60.47	-2.000%	0.00	1589.86	0.00	-2.000%	0.00	1589.86	HB45	0.0034	4.0631	0.0000	1.959	1.987	**Left**	HB45	12.00	0.00	4.50	4.82	9.32	18.000	**OK**	0.824	1.057	2.170	1.880		1.987
↑	Grade		2131+15.00	HB45	1588.67	60.47	-2.000%	0.00	1589.88	0.00	-2.000%	0.00	1589.88	HB45	0.0034	4.0562	0.0000	1.931	1.959	**Left**	HB45	12.00	0.00	4.50	4.71	9.21	18.000	**OK**	0.814	1.035	2.177	1.892		1.959
↑	Grade		2131+20.00	HB45	1588.68	60.48	-2.000%	0.00	1589.89	0.00	-2.000%	0.00	1589.89	HB45	0.0035	4.0492	0.0000	1.903	1.931	**Left**	HB45	12.00	0.00	4.50	4.59	9.09	18.000	**OK**	0.803	1.014	2.183	1.904		1.931
↑	Grade		2131+25.00	HB45	1588.70	60.48	-2.000%	0.00	1589.91	0.00	-2.000%	0.00	1589.91	HB45	0.0036	4.0423	0.0000	1.876	1.903	**Left**	HB45	12.00	0.00	4.50	4.48	8.98	18.000	**OK**	0.793	0.994	2.188	1.916		1.903
↑	Grade		2131+30.00	HB45	1588.72	60.49	-2.000%	0.00	1589.93	0.00	-2.000%	0.00	1589.93	HB45	0.0037	4.0353	0.0000	1.848	1.876	**Left**	HB45	12.00	0.00	4.50	4.36	8.86	18.000	**OK**	0.783	0.973	2.193	1.927		1.876
↑	Grade		2131+35.00	HB45	1588.74	60.49	-2.000%	0.00	1589.95	0.00	-2.000%	0.00	1589.95	HB45	0.0037	4.0284	0.0000	1.820	1.848	**Left**	HB45	12.00	0.00	4.50	4.25	8.75	18.000	**OK**	0.773	0.954	2.197	1.938		1.848
↑	Grade		2131+40.00	HB45	1588.76	60.50	-2.000%	0.00	1589.97	0.00	-2.000%	0.00	1589.97	HB45	0.0038	4.0214	0.0000	1.792	1.820	**Left**	HB45	12.00	0.00	4.50	4.14	8.64	18.000	**OK**	0.763	0.934	2.201	1.948		1.820
↑	Grade		2131+45.00	HB45	1588.78	60.50	-2.000%	0.00	1589.99	0.00	-2.000%	0.00	1589.99	HB45	0.0039	4.0145	0.0000	1.764	1.792	**Left**	HB45	12.00	0.00	4.50	4.03	8.53	18.000	**OK**	0.753	0.915	2.205	1.958		1.792
↑	Grade		2131+50.00	HB45	1588.80	60.51	-2.000%	0.00	1590.01	0.00	-2.000%	0.00	1590.01	HB45	0.0040	4.0076	0.0000	1.736	1.764	**Left**	HB45	12.00	0.00	4.50	3.92	8.42	18.000	**OK**	0.743	0.897	2.207	1.967		1.764
↑	Grade		2131+55.00	HB45	1588.82	60.51	-2.000%	0.00	1590.03	0.00	-2.000%	0.00	1590.03	HB45	0.0040	4.0006	0.0000	1.708	1.736	**Left**	HB45	12.00	0.00	4.50	3.81	8.31	18.000	**OK**	0.733	0.878	2.210	1.977		1.736

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2131+60.00	HB45	1588.84	60.52	-2.000%	0.00	1590.05	0.00	-2.000%	0.00	1590.05	HB45	0.0041	3.9937	0.0000	1.681	1.708	**Left**	HB45	12.00	0.00	4.50	3.70	8.20	18.000	**OK**	0.723	0.861	2.212	1.985		1.708
↑	Grade		2131+65.00	HB45	1588.86	60.53	-2.000%	0.00	1590.07	0.00	-2.000%	0.00	1590.07	HB45	0.0042	3.9867	0.0000	1.653	1.681	**Left**	HB45	12.00	0.00	4.50	3.60	8.10	18.000	**OK**	0.714	0.843	2.213	1.994		1.681
↑	Grade		2131+70.00	HB45	1588.88	60.53	-2.000%	0.00	1590.09	0.00	-2.000%	0.00	1590.09	HB45	0.0043	3.9798	0.0000	1.625	1.653	**Left**	HB45	12.00	0.00	4.50	3.49	7.99	18.000	**OK**	0.704	0.826	2.214	2.002		1.653
↑	Grade		2131+75.00	HB45	1588.90	60.54	-2.000%	0.00	1590.11	0.00	-2.000%	0.00	1590.11	HB45	0.0043	3.9728	0.0000	1.597	1.625	**Left**	HB45	12.00	0.00	4.50	3.38	7.88	18.000	**OK**	0.694	0.809	2.214	2.009		1.625
↑	Grade		2131+80.00	HB45	1588.92	60.54	-2.000%	0.00	1590.13	0.00	-2.000%	0.00	1590.13	HB45	0.0044	3.9659	0.0000	1.569	1.597	**Left**	HB45	12.00	0.00	4.50	3.28	7.78	18.000	**OK**	0.685	0.792	2.214	2.016		1.597
↑	Grade		2131+85.00	HB45	1588.95	60.55	-2.000%	0.00	1590.16	0.00	-2.000%	0.00	1590.16	HB45	0.0045	3.9589	0.0000	1.541	1.569	**Left**	HB45	12.00	0.00	4.50	3.17	7.67	18.000	**OK**	0.675	0.776	2.213	2.023		1.569
↑	Grade		2131+90.00	HB45	1588.97	60.55	-2.000%	0.00	1590.18	0.00	-2.000%	0.00	1590.18	HB45	0.0046	3.9520	0.0000	1.513	1.541	**Left**	HB45	12.00	0.00	4.50	3.06	7.56	18.000	**OK**	0.666	0.760	2.212	2.029		1.541
↑	Grade		2131+95.00	HB45	1588.99	60.56	-2.000%	0.00	1590.20	0.00	-2.000%	0.00	1590.20	HB45	0.0047	3.9450	0.0000	1.486	1.513	**Left**	HB45	12.00	0.00	4.50	2.96	7.46	18.000	**OK**	0.656	0.744	2.210	2.035		1.513
↑	Grade		2132+00.00	HB45	1589.02	60.56	-2.000%	0.00	1590.23	0.00	-2.000%	0.00	1590.23	HB45	0.0047	3.9381	0.0000	1.458	1.486	**Left**	HB45	12.00	0.00	4.50	2.85	7.35	18.000	**OK**	0.647	0.728	2.207	2.041		1.486
↑	Grade		2132+05.00	HB45	1589.04	60.57	-2.000%	0.00	1590.25	0.00	-2.000%	0.00	1590.25	HB45	0.0048	3.9311	0.0000	1.430	1.458	**Left**	HB45	12.00	0.00	4.50	2.75	7.25	18.000	**OK**	0.637	0.713	2.205	2.046		1.458
↑	Grade		2132+10.00	HB45	1589.06	60.57	-2.000%	0.00	1590.28	0.00	-2.000%	0.00	1590.28	HB45	0.0049	3.9242	0.0000	1.402	1.430	**Left**	HB45	12.00	0.00	4.50	2.64	7.14	18.000	**OK**	0.628	0.698	2.201	2.050		1.430
↑	Grade		2132+15.00	HB45	1589.09	60.58	-2.000%	0.00	1590.30	0.00	-2.000%	0.00	1590.30	HB45	0.0050	3.9172	0.0000	1.374	1.402	**Left**	HB45	12.00	0.00	4.50	2.54	7.04	18.000	**OK**	0.618	0.683	2.197	2.054		1.402
↑	Grade		2132+20.00	HB45	1589.11	60.58	-2.000%	0.00	1590.33	0.00	-2.000%	0.00	1590.33	HB45	0.0050	3.9103	0.0000	1.346	1.374	**Left**	HB45	12.00	0.00	4.50	2.45	6.95	18.000	**OK**	0.610	0.670	2.187	2.051		1.374
↑	Grade		2132+25.00	HB45	1589.14	60.59	-2.000%	0.00	1590.35	0.00	-2.000%	0.00	1590.35	HB45	0.0050	3.9033	0.0000	1.318	1.346	**Left**	HB45	12.00	0.00	4.50	2.37	6.87	18.000	**OK**	0.603	0.659	2.172	2.042		1.346
↑	Grade		2132+30.00	HB45	1589.16	60.60	-2.000%	0.00	1590.38	0.00	-2.000%	0.00	1590.38	HB45	0.0050	3.8964	0.0000	1.291	1.318	**Left**	HB45	12.00	0.00	4.50	2.29	6.79	18.000	**OK**	0.596	0.649	2.156	2.033		1.318
↑	Grade		2132+35.00	HB45	1589.19	60.60	-2.000%	0.00	1590.40	0.00	-2.000%	0.00	1590.40	HB45	0.0050	3.8894	0.0000	1.263	1.291	**Left**	HB45	12.00	0.00	4.50	2.21	6.71	18.000	**OK**	0.589	0.638	2.140	2.023		1.291
↑	Grade		2132+40.00	HB45	1589.21	60.61	-2.000%	0.00	1590.43	0.00	-2.000%	0.00	1590.43	HB45	0.0050	3.8824	0.0000	1.235	1.263	**Left**	HB45	12.00	0.00	4.50	2.13	6.63	18.000	**OK**	0.582	0.627	2.123	2.013		1.263
↑	Grade		2132+45.00	HB45	1589.24	60.61	-2.000%	0.00	1590.45	0.00	-2.000%	0.00	1590.45	HB45	0.0050	3.8755	0.0000	1.207	1.235	**Left**	HB45	12.00	0.00	4.50	2.05	6.55	18.000	**OK**	0.574	0.616	2.107	2.003		1.235
↑	Grade		2132+50.00	HB45	1589.26	60.62	-2.000%	0.00	1590.48	0.00	-2.000%	0.00	1590.48	HB45	0.0050	3.8685	0.0000	1.179	1.207	**Left**	HB45	12.00	0.00	4.50	1.97	6.47	18.000	**OK**	0.567	0.606	2.090	1.993		1.207
↑	Grade		2132+55.00	HB45	1589.29	60.62	-2.000%	0.00	1590.50	0.00	-2.000%	0.00	1590.50	HB45	0.0050	3.8616	0.0000	1.151	1.179	**Left**	HB45	12.00	0.00	4.50	1.88	6.38	18.000	**OK**	0.559	0.595	2.072	1.982		1.179
↑	Grade		2132+60.00	HB45	1589.31	60.63	-2.000%	0.00	1590.53	0.00	-2.000%	0.00	1590.53	HB45	0.0050	3.8546	0.0000	1.123	1.151	**Left**	HB45	12.00	0.00	4.50	1.80	6.30	18.000	**OK**	0.552	0.584	2.055	1.971		1.151
↑	Grade		2132+65.00	HB45	1589.34	60.63	-2.000%	0.00	1590.55	0.00	-2.000%	0.00	1590.55	HB45	0.0050	3.8477	0.0000	1.095	1.123	**Left**	HB45	12.00	0.00	4.50	1.71	6.21	18.000	**OK**	0.544	0.573	2.037	1.959		1.123
↑	Grade		2132+70.00	HB45	1589.36	60.64	-2.000%	0.00	1590.58	0.00	-2.000%	0.00	1590.58	HB45	0.0050	3.8407	0.0000	1.067	1.095	**Left**	HB45	12.00	0.00	4.50	1.62	6.12	18.000	**OK**	0.536	0.562	2.019	1.948		1.095
↑	Grade		2132+75.00	HB45	1589.39	60.64	-2.000%	0.00	1590.60	0.00	-2.000%	0.00	1590.60	HB45	0.0050	3.8337	0.0000	1.039	1.067	**Left**	HB45	12.00	0.00	4.50	1.53	6.03	18.000	**OK**	0.528	0.552	2.000	1.935		1.067
↑	Grade		2132+80.00	HB45	1589.41	60.65	-2.000%	0.00	1590.63	0.00	-2.000%	0.00	1590.63	HB45	0.0050	3.8268	0.0000	1.012	1.039	**Left**	HB45	12.00	0.00	4.50	1.44	5.94	18.000	**OK**	0.520	0.541	1.981	1.923		1.039
↑	Grade		2132+85.00	HB45	1589.44	60.65	-2.000%	0.00	1590.65	0.00	-2.000%	0.00	1590.65	HB45	0.0050	3.8198	0.0000	0.984	1.012	**Left**	HB45	12.00	0.00	4.50	1.35	5.85	18.000	**OK**	0.512	0.530	1.962	1.909		1.012
↑	Grade		2132+90.00	HB45	1589.46	60.66	-2.000%	0.00	1590.68	0.00	-2.000%	0.00	1590.68	HB45	0.0050	3.8129	0.0000	0.956	0.984	**Left**	HB45	12.00	0.00	4.50	1.26	5.76	18.000	**OK**	0.503	0.519	1.942	1.896		0.984
↑	Grade		2132+95.00	HB45	1589.49	60.67	-2.000%	0.00	1590.70	0.00	-2.000%	0.00	1590.70	HB45	0.0050	3.8059	0.0000	0.928	0.956	**Left**	HB45	12.00	0.00	4.50	1.16	5.66	18.000	**OK**	0.495	0.508	1.922	1.881		0.956
↑	Grade	**3**	2133+00.00	HB45	1589.51	60.67	-2.000%	0.00	1590.73	0.00	-2.000%	0.00	1590.73	HB45	0.0050	3.7989	0.0000	4.359	4.387	**Left**	HB45	12.00	0.00	4.50	7.85	12.35	18.000	**OK**	1.097	1.714	3.189	2.560	3	4.387
↑	Grade		2133+05.00	HB45	1589.54	60.68	-2.000%	0.00	1590.75	0.00	-2.000%	0.00	1590.75	HB45	0.0050	3.7920	0.0000	4.332	4.359	**Left**	HB45	12.00	0.00	4.50	7.82	12.32	18.000	**OK**	1.094	1.705	3.183	2.557		4.359
↑	Grade		2133+10.00	HB45	1589.56	60.68	-2.000%	0.00	1590.78	0.00	-2.000%	0.00	1590.78	HB45	0.0050	3.7850	0.0000	4.304	4.332	**Left**	HB45	12.00	0.00	4.50	7.78	12.28	18.000	**OK**	1.090	1.696	3.177	2.554		4.332
↑	Grade		2133+15.00	HB45	1589.59	60.69	-2.000%	0.00	1590.80	0.00	-2.000%	0.00	1590.80	HB45	0.0050	3.7780	0.0000	4.276	4.304	**Left**	HB45	12.00	0.00	4.50	7.75	12.25	18.000	**OK**	1.087	1.687	3.171	2.551		4.304
↑	Grade		2133+20.00	HB45	1589.61	60.69	-2.000%	0.00	1590.83	0.00	-2.000%	0.00	1590.83	HB45	0.0050	3.7711	0.0000	4.248	4.276	**Left**	HB45	12.00	0.00	4.50	7.71	12.21	18.000	**OK**	1.084	1.678	3.165	2.548		4.276
↑	Grade		2133+25.00	HB45	1589.64	60.70	-2.000%	0.00	1590.85	0.00	-2.000%	0.00	1590.85	HB45	0.0050	3.7641	0.0000	4.220	4.248	**Left**	HB45	12.00	0.00	4.50	7.67	12.17	18.000	**OK**	1.081	1.669	3.158	2.545		4.248
↑	Grade		2133+30.00	HB45	1589.66	60.70	-2.000%	0.00	1590.88	0.00	-2.000%	0.00	1590.88	HB45	0.0050	3.7571	0.0000	4.192	4.220	**Left**	HB45	12.00	0.00	4.50	7.64	12.14	18.000	**OK**	1.077	1.660	3.152	2.542		4.220
↑	Grade		2133+35.00	HB45	1589.69	60.71	-2.000%	0.00	1590.90	0.00	-2.000%	0.00	1590.90	HB45	0.0050	3.7502	0.0000	4.164	4.192	**Left**	HB45	12.00	0.00	4.50	7.60	12.10	18.000	**OK**	1.074	1.651	3.146	2.539		4.192
↑	Grade		2133+40.00	HB45	1589.71	60.71	-2.000%	0.00	1590.93	0.00	-2.000%	0.00	1590.93	HB45	0.0050	3.7432	0.0000	4.136	4.164	**Left**	HB45	12.00	0.00	4.50	7.56	12.06	18.000	**OK**	1.071	1.642	3.139	2.535		4.164
↑	Grade		2133+45.00	HB45	1589.74	60.72	-2.000%	0.00	1590.95	0.00	-2.000%	0.00	1590.95	HB45	0.0050	3.7362	0.0000	4.108	4.136	**Left**	HB45	12.00	0.00	4.50	7.52	12.02	18.000	**OK**	1.067	1.633	3.133	2.532		4.136
↑	Grade		2133+50.00	HB45	1589.76	60.72	-2.000%	0.00	1590.98	0.00	-2.000%	0.00	1590.98	HB45	0.0050	3.7293	0.0000	4.080	4.108	**Left**	HB45	12.00	0.00	4.50	7.49	11.99	18.000	**OK**	1.064	1.624	3.126	2.529		4.108
↑	Grade		2133+55.00	HB45	1589.79	60.73	-2.000%	0.00	1591.00	0.00	-2.000%	0.00	1591.00	HB45	0.0050	3.7223	0.0000	4.052	4.080	**Left**	HB45	12.00	0.00	4.50	7.45	11.95	18.000	**OK**	1.060	1.615	3.120	2.526		4.080
↑	Grade		2133+60.00	HB45	1589.81	60.74	-2.000%	0.00	1591.03	0.00	-2.000%	0.00	1591.03	HB45	0.0050	3.7153	0.0000	4.024	4.052	**Left**	HB45	12.00	0.00	4.50	7.41	11.91	18.000	**OK**	1.057	1.606	3.113	2.523		4.052
↑	Grade		2133+65.00	HB45	1589.84	60.74	-2.000%	0.00	1591.05	0.00	-2.000%	0.00	1591.05	HB45	0.0050	3.7084	0.0000	3.996	4.024	**Left**	HB45	12.00	0.00	4.50	7.37	11.87	18.000	**OK**	1.054	1.597	3.107	2.520		4.024
↑	Grade		2133+70.00	HB45	1589.86	60.75	-2.000%	0.00	1591.08	0.00	-2.000%	0.00	1591.08	HB45	0.0050	3.7014	0.0000	3.968	3.996	**Left**	HB45	12.00	0.00	4.50	7.33	11.83	18.000	**OK**	1.050	1.588	3.100	2.516		3.996
↑	Grade		2133+75.00	HB45	1589.88	60.75	-2.000%	0.00	1591.10	0.00	-2.000%	0.00	1591.10	HB45	0.0050	3.6944	0.0000	3.940	3.968	**Left**	HB45	12.00	0.00	4.50	7.30	11.80	18.000	**OK**	1.047	1.579	3.093	2.513		3.968
↑	Grade		2133+80.00	HB45	1589.91	60.76	-2.000%	0.00	1591.13	0.00	-2.000%	0.00	1591.13	HB45	0.0050	3.6874	0.0000	3.912	3.940	**Left**	HB45	12.00	0.00	4.50	7.26	11.76	18.000	**OK**	1.043	1.570	3.087	2.510		3.940
↑	Grade		2133+85.00	HB45	1589.93	60.76	-2.000%	0.00	1591.15	0.00	-2.000%	0.00	1591.15	HB45	0.0050	3.6805	0.0000	3.884	3.912	**Left**	HB45	12.00	0.00	4.50	7.22	11.72	18.000	**OK**	1.040	1.561	3.080	2.506		3.912
↑	Grade		2133+90.00	HB45	1589.96	60.77	-2.000%	0.00	1591.18	0.00	-2.000%	0.00	1591.18	HB45	0.0050	3.6735	0.0000	3.857	3.884	**Left**	HB45	12.00	0.00	4.50	7.18	11.68	18.000	**OK**	1.036	1.552	3.073	2.503		3.884
↑	Grade		2133+95.00	HB45	1589.98	60.77	-2.000%	0.00	1591.20	0.00	-2.000%	0.00	1591.20	HB45	0.0050	3.6665	0.0000	3.829	3.857	**Left**	HB45	12.00	0.00	4.50	7.14	11.64	18.000	**OK**	1.033	1.543	3.066	2.500		3.857
↑	Grade		2134+00.00	HB45	1590.01	60.78	-2.000%	0.00	1591.23	0.00	-2.000%	0.00	1591.23	HB45	0.0050	3.6595	0.0000	3.801	3.829	**Left**	HB45	12.00	0.00	4.50	7.10	11.60	18.000	**OK**	1.029	1.534	3.059	2.496		3.829
↑	Grade		2134+05.00	HB45	1590.03	60.78	-2.000%	0.00	1591.25	0.00	-2.000%	0.00	1591.25	HB45	0.0050	3.6526	0.0000	3.773	3.801	**Left**	HB45	12.00	0.00	4.50	7.06	11.56	18.000	**OK**	1.026	1.524	3.053	2.493		3.801
↑	Grade		2134+10.00	HB45	1590.06	60.79	-2.000%	0.00	1591.28	0.00	-2.000%	0.00	1591.28	HB45	0.0050	3.6456	0.0000	3.745	3.773	**Left**	HB45	12.00	0.00	4.50	7.02	11.52	18.000	**OK**	1.022	1.515	3.046	2.490		3.773
↑	Grade		2134+15.00	HB45	1590.08	60.79	-2.000%	0.00	1591.30	0.00	-2.000%	0.00	1591.30	HB45	0.0050	3.6386	0.0000	3.717	3.745	**Left**	HB45	12.00	0.00	4.50	6.98	11.48	18.000	**OK**	1.019	1.506	3.039	2.486		3.745
↑	Grade		2134+20.00	HB45	1590.11	60.80	-2.000%	0.00	1591.33	0.00	-2.000%	0.00	1591.33	HB45	0.0050	3.6316	0.0000	3.689	3.717	**Left**	HB45	12.00	0.00	4.50	6.94	11.44	18.000	**OK**	1.015	1.497	3.032	2.483		3.717
↑	Grade		2134+25.00	HB45	1589.92	71.40	-2.000%	0.00	1591.35	0.00	-2.000%	0.00	1591.35	HB45	0.0050	3.6247	0.0000	3.658	3.689	**Left**	HB45	12.00	0.00	4.50	6.90	11.40	18.000	**OK**	1.011	1.488	3.025	2.479		3.689
↑	Grade		2134+30.00	HB45	1589.95	71.40	-2.000%	0.00	1591.38	0.00	-2.000%	0.00	1591.38	HB45	0.0050	3.6171	0.0000	3.625	3.658	**Left**	HB45	12.00	0.00	4.50	6.86	11.36	18.000	**OK**	1.007	1.478	3.017	2.476		3.658
↑	Grade		2134+35.00	HB45	1589.97	71.41	-2.000%	0.00	1591.40	0.00	-2.000%	0.00	1591.40	HB45	0.0050	3.6089	0.0000	3.593	3.625	**Left**	HB45	12.00	0.00	4.50	6.81	11.31	18.000	**OK**	1.003	1.467	3.008	2.472		3.625
↑	Grade		2134+40.00	HB45	1590.00	71.41	-2.000%	0.00	1591.43	0.00	-2.000%	0.00	1591.43	HB45	0.0050	3.6007	0.0000	3.560	3.593	**Left**	HB45	12.00	0.00	4.50	6.76	11.26	18.000	**OK**	0.999	1.456	3.000	2.467		3.593
↑	Grade		2134+45.00	HB45	1590.02	71.42	-2.000%	0.00	1591.45	0.00	-2.000%	0.00	1591.45	HB45	0.0050	3.5925	0.0000	3.527	3.560	**Left**	HB45	12.00	0.00	4.50	6.71	11.21	18.000	**OK**	0.994	1.445	2.991	2.463		3.560
↑	Grade		2134+50.00	HB45	1590.05	71.42	-2.000%	0.00	1591.48	0.00	-2.000%	0.00	1591.48	HB45	0.0050	3.5843	0.0000	3.494	3.527	**Left**	HB45	12.00	0.00	4.50	6.67	11.17	18.000	**OK**	0.990	1.434	2.983	2.459		3.527
↑	Grade		2134+55.00	HB45	1590.07	71.42	-2.000%	0.00	1591.50	0.00	-2.000%	0.00	1591.50	HB45	0.0050	3.5761	0.0000	3.461	3.494	**Left**	HB45	12.00	0.00	4.50	6.62	11.12	18.000	**OK**	0.986	1.423	2.974	2.455		3.494
↑	Grade		2134+60.00	HB45	1590.10	71.43	-2.000%	0.00	1591.53	0.00	-2.000%	0.00	1591.53	HB45	0.0050	3.5679	0.0000	3.428	3.461	**Left**	HB45	12.00	0.00	4.50	6.57	11.07	18.000	**OK**	0.981	1.412	2.966	2.451		3.461
↑	Grade		2134+65.00	HB45	1590.12	71.43	-2.000%	0.00	1591.55	0.00	-2.000%	0.00	1591.55	HB45	0.0050	3.5597	0.0000	3.395	3.428	**Left**	HB45	12.00	0.00	4.50	6.52	11.02	18.000	**OK**	0.977	1.401	2.957	2.446		3.428
↑	Grade		2134+70.00	HB45	1590.15	71.43	-2.000%	0.00	1591.58	0.00	-2.000%	0.00	1591.58	HB45	0.0050	3.5515	0.0000	3.363	3.395	**Left**	HB45	12.00	0.00	4.50	6.47	10.97	18.000	**OK**	0.972	1.390	2.948	2.442		3.395
↑	Grade		2134+75.00	HB45	1590.17	71.44	-2.000%	0.00	1591.60	0.00	-2.000%	0.00	1591.60	HB45	0.0050	3.5433	0.0000	3.330	3.363	**Left**	HB45	12.00	0.00	4.50	6.42	10.92	18.000	**OK**	0.968	1.379	2.939	2.438		3.363
↑	Grade		2134+80.00	HB45	1590.20	71.44	-2.000%	0.00	1591.63	0.00	-2.000%	0.00	1591.63	HB45	0.0050	3.5351	0.0000	3.297	3.330	**Left**	HB45	12.00	0.00	4.50	6.37	10.87	18.000	**OK**	0.963	1.368	2.930	2.433		3.330
↑	Grade		2134+85.00	HB45	1590.22	71.45	-2.000%	0.00	1591.65	0.00	-2.000%	0.00	1591.65	HB45	0.0050	3.5269	0.0000	3.264	3.297	**Left**	HB45	12.00	0.00	4.50	6.32	10.82	18.000	**OK**	0.959	1.357	2.921	2.429		3.297
↑	Grade		2134+90.00	HB45	1590.25	71.45	-2.000%	0.00	1591.68	0.00	-2.000%	0.00	1591.68	HB45	0.0050	3.5187	0.0000	3.231	3.264	**Left**	HB45	12.00	0.00	4.50	6.26	10.76	18.000	**OK**	0.954	1.346	2.912	2.424		3.264
↑	Grade		2134+95.00	HB45	1590.27	71.45	-2.000%	0.00	1591.70	0.00	-2.000%	0.00	1591.70	HB45	0.0050	3.5105	0.0000	3.198	3.231	**Left**	HB45	12.00	0.00	4.50	6.21	10.71	18.000	**OK**	0.949	1.335	2.902	2.420		3.231
↑	Grade		2135+00.00	HB45	1590.30	71.46	-2.000%	0.00	1591.73	0.00	-2.000%	0.00	1591.73	HB45	0.0050	3.5023	0.0000	3.165	3.198	**Left**	HB45	12.00	0.00	4.50	6.16	10.66	18.000	**OK**	0.945	1.324	2.893	2.415		3.198
↑	Grade		2135+05.00	HB45	1590.32	71.46	-2.000%	0.00	1591.75	0.00	-2.000%	0.00	1591.75	HB45	0.0050	3.4941	0.0000	3.132	3.165	**Left**	HB45	12.00	0.00	4.50	6.11	10.61	18.000	**OK**	0.940	1.313	2.884	2.411		3.165
↑	Grade		2135+10.00	HB45	1590.35	71.47	-2.000%	0.00	1591.78	0.00	-2.000%	0.00	1591.78	HB45	0.0050	3.4859	0.0000	3.099	3.132	**Left**	HB45	12.00	0.00	4.50	6.06	10.56	18.000	**OK**	0.935	1.302	2.874	2.406		3.132
↑	Grade		2135+15.00	HB45	1590.37	71.47	-2.000%	0.00	1591.80	0.00	-2.000%	0.00	1591.80	HB45	0.0050	3.4777	0.0000	3.067	3.099	**Left**	HB45	12.00	0.00	4.50	6.00	10.50	18.000	**OK**	0.930	1.291	2.865	2.401		3.099
↑	Grade		2135+20.00	HB45	1590.40	71.47	-2.000%	0.00	1591.83	0.00	-2.000%	0.00	1591.83	HB45	0.0050	3.4695	0.0000	3.034	3.067	**Left**	HB45	12.00	0.00	4.50	5.95	10.45	18.000	**OK**	0.926	1.280	2.855	2.397		3.067
↑	Grade		2135+25.00	HB45	1590.42	71.48	-2.000%	0.00	1591.85	0.00	-2.000%	0.00	1591.85	HB45	0.0050	3.4613	0.0000	3.001	3.034	**Left**	HB45	12.00	0.00	4.50	5.90	10.40	18.000	**OK**	0.921	1.268	2.846	2.392		3.034

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2135+30.00	HB45	1590.45	71.48	-2.000%	0.00	1591.88	0.00	-2.000%	0.00	1591.88	HB45	0.0050	3.4531	0.0000	2.968	3.001	**Left**	HB45	12.00	0.00	4.50	5.84	10.34	18.000	**OK**	0.916	1.257	2.836	2.387		3.001
↑	Grade		2135+35.00	HB45	1590.47	71.49	-2.000%	0.00	1591.90	0.00	-2.000%	0.00	1591.90	HB45	0.0050	3.4449	0.0000	2.935	2.968	**Left**	HB45	12.00	0.00	4.50	5.79	10.29	18.000	**OK**	0.911	1.246	2.826	2.382		2.968
↑	Grade		2135+40.00	HB45	1590.50	71.49	-2.000%	0.00	1591.93	0.00	-2.000%	0.00	1591.93	HB45	0.0050	3.4367	0.0000	2.902	2.935	**Left**	HB45	12.00	0.00	4.50	5.73	10.23	18.000	**OK**	0.906	1.235	2.816	2.377		2.935
↑	Grade		2135+45.00	HB45	1590.52	71.49	-2.000%	0.00	1591.95	0.00	-2.000%	0.00	1591.95	HB45	0.0050	3.4284	0.0000	2.869	2.902	**Left**	HB45	12.00	0.00	4.50	5.68	10.18	18.000	**OK**	0.901	1.223	2.806	2.372		2.902
↑	Grade		2135+50.00	HB45	1590.55	71.50	-2.000%	0.00	1591.98	0.00	-2.000%	0.00	1591.98	HB45	0.0050	3.4202	0.0000	2.836	2.869	**Left**	HB45	12.00	0.00	4.50	5.62	10.12	18.000	**OK**	0.896	1.212	2.796	2.367		2.869
↑	Grade		2135+55.00	HB45	1590.57	71.50	-2.000%	0.00	1592.00	0.00	-2.000%	0.00	1592.00	HB45	0.0050	3.4120	0.0000	2.803	2.836	**Left**	HB45	12.00	0.00	4.50	5.57	10.07	18.000	**OK**	0.891	1.201	2.785	2.362		2.836
↑	Grade		2135+60.00	HB45	1590.59	71.50	-2.000%	0.00	1592.03	0.00	-2.000%	0.00	1592.03	HB45	0.0050	3.4038	0.0000	2.771	2.803	**Left**	HB45	12.00	0.00	4.50	5.51	10.01	18.000	**OK**	0.886	1.189	2.775	2.357		2.803
↑	Grade		2135+65.00	HB45	1590.62	71.51	-2.000%	0.00	1592.05	0.00	-2.000%	0.00	1592.05	HB45	0.0050	3.3956	0.0000	2.738	2.771	**Left**	HB45	12.00	0.00	4.50	5.45	9.95	18.000	**OK**	0.881	1.178	2.765	2.352		2.771
↑	Grade		2135+70.00	HB45	1590.64	71.51	-2.000%	0.00	1592.08	0.00	-2.000%	0.00	1592.08	HB45	0.0050	3.3874	0.0000	2.705	2.738	**Left**	HB45	12.00	0.00	4.50	5.39	9.89	18.000	**OK**	0.875	1.166	2.754	2.347		2.738
↑	Grade		2135+75.00	HB45	1590.67	71.52	-2.000%	0.00	1592.10	0.00	-2.000%	0.00	1592.10	HB45	0.0050	3.3792	0.0000	2.672	2.705	**Left**	HB45	12.00	0.00	4.50	5.34	9.84	18.000	**OK**	0.870	1.155	2.744	2.342		2.705
↑	Grade		2135+80.00	HB45	1590.69	71.52	-2.000%	0.00	1592.13	0.00	-2.000%	0.00	1592.13	HB45	0.0050	3.3710	0.0000	2.639	2.672	**Left**	HB45	12.00	0.00	4.50	5.28	9.78	18.000	**OK**	0.865	1.144	2.733	2.336		2.672
↑	Grade		2135+85.00	HB45	1590.72	71.52	-2.000%	0.00	1592.15	0.00	-2.000%	0.00	1592.15	HB45	0.0050	3.3628	0.0000	2.606	2.639	**Left**	HB45	12.00	0.00	4.50	5.22	9.72	18.000	**OK**	0.860	1.132	2.722	2.331		2.639
↑	Grade		2135+90.00	HB45	1590.74	71.53	-2.000%	0.00	1592.18	0.00	-2.000%	0.00	1592.18	HB45	0.0050	3.3546	0.0000	2.573	2.606	**Left**	HB45	12.00	0.00	4.50	5.16	9.66	18.000	**OK**	0.854	1.121	2.711	2.326		2.606
↑	Grade		2135+95.00	HB45	1590.77	71.53	-2.000%	0.00	1592.20	0.00	-2.000%	0.00	1592.20	HB45	0.0050	3.3464	0.0000	2.540	2.573	**Left**	HB45	12.00	0.00	4.50	5.10	9.60	18.000	**OK**	0.849	1.109	2.700	2.320		2.573
↑	Grade		2136+00.00	HB45	1590.79	71.54	-2.000%	0.00	1592.23	0.00	-2.000%	0.00	1592.23	HB45	0.0050	3.3382	0.0000	2.507	2.540	**Left**	HB45	12.00	0.00	4.50	5.04	9.54	18.000	**OK**	0.844	1.097	2.689	2.315		2.540
↑	Grade		2136+05.00	HB45	1590.82	71.54	-2.000%	0.00	1592.25	0.00	-2.000%	0.00	1592.25	HB45	0.0050	3.3299	0.0000	2.474	2.507	**Left**	HB45	12.00	0.00	4.50	4.98	9.48	18.000	**OK**	0.838	1.086	2.677	2.309		2.507
↑	Grade		2136+10.00	HB45	1590.84	71.54	-2.000%	0.00	1592.28	0.00	-2.000%	0.00	1592.28	HB45	0.0050	3.3217	0.0000	2.441	2.474	**Left**	HB45	12.00	0.00	4.50	4.92	9.42	18.000	**OK**	0.832	1.074	2.666	2.303		2.474
↑	Grade		2136+15.00	HB45	1590.87	71.55	-2.000%	0.00	1592.30	0.00	-2.000%	0.00	1592.30	HB45	0.0050	3.3135	0.0000	2.408	2.441	**Left**	HB45	12.00	0.00	4.50	4.85	9.35	18.000	**OK**	0.827	1.063	2.654	2.298		2.441
↑	Grade		2136+20.00	HB45	1590.89	71.55	-2.000%	0.00	1592.33	0.00	-2.000%	0.00	1592.33	HB45	0.0050	3.3053	0.0000	2.376	2.408	**Left**	HB45	12.00	0.00	4.50	4.79	9.29	18.000	**OK**	0.821	1.051	2.643	2.292		2.408
↑	Grade		2136+25.00	HB45	1590.92	71.55	-2.000%	0.00	1592.35	0.00	-2.000%	0.00	1592.35	HB45	0.0050	3.2971	0.0000	2.343	2.376	**Left**	HB45	12.00	0.00	4.50	4.73	9.23	18.000	**OK**	0.816	1.039	2.631	2.286		2.376
↑	Grade		2136+30.00	HB45	1590.94	71.56	-2.000%	0.00	1592.38	0.00	-2.000%	0.00	1592.38	HB45	0.0050	3.2889	0.0000	2.310	2.343	**Left**	HB45	12.00	0.00	4.50	4.66	9.16	18.000	**OK**	0.810	1.027	2.619	2.280		2.343
↑	Grade		2136+35.00	HB45	1590.97	71.56	-2.000%	0.00	1592.40	0.00	-2.000%	0.00	1592.40	HB45	0.0050	3.2807	0.0000	2.277	2.310	**Left**	HB45	12.00	0.00	4.50	4.60	9.10	18.000	**OK**	0.804	1.016	2.607	2.274		2.310
↑	Grade		2136+40.00	HB45	1590.99	71.57	-2.000%	0.00	1592.43	0.00	-2.000%	0.00	1592.43	HB45	0.0050	3.2725	0.0000	2.244	2.277	**Left**	HB45	12.00	0.00	4.50	4.54	9.04	18.000	**OK**	0.798	1.004	2.595	2.268		2.277
↑	Grade		2136+45.00	HB45	1591.02	71.57	-2.000%	0.00	1592.45	0.00	-2.000%	0.00	1592.45	HB45	0.0050	3.2642	0.0000	2.211	2.244	**Left**	HB45	12.00	0.00	4.50	4.47	8.97	18.000	**OK**	0.792	0.992	2.582	2.262		2.244
↑	Grade		2136+50.00	HB45	1591.04	71.57	-2.000%	0.00	1592.48	0.00	-2.000%	0.00	1592.48	HB45	0.0050	3.2560	0.0000	2.178	2.211	**Left**	HB45	12.00	0.00	4.50	4.40	8.90	18.000	**OK**	0.786	0.980	2.570	2.255		2.211
↑	Grade		2136+55.00	HB45	1591.07	71.58	-2.000%	0.00	1592.50	0.00	-2.000%	0.00	1592.50	HB45	0.0050	3.2478	0.0000	2.145	2.178	**Left**	HB45	12.00	0.00	4.50	4.34	8.84	18.000	**OK**	0.780	0.968	2.557	2.249		2.178
↑	Grade		2136+60.00	HB45	1591.09	71.58	-2.000%	0.00	1592.53	0.00	-2.000%	0.00	1592.53	HB45	0.0050	3.2396	0.0000	2.112	2.145	**Left**	HB45	12.00	0.00	4.50	4.27	8.77	18.000	**OK**	0.774	0.957	2.545	2.243		2.145
↑	Grade		2136+65.00	HB45	1591.12	71.59	-2.000%	0.00	1592.55	0.00	-2.000%	0.00	1592.55	HB45	0.0050	3.2314	0.0000	2.079	2.112	**Left**	HB45	12.00	0.00	4.50	4.20	8.70	18.000	**OK**	0.768	0.945	2.532	2.236		2.112
↑	Grade		2136+70.00	HB45	1591.14	71.59	-2.000%	0.00	1592.58	0.00	-2.000%	0.00	1592.58	HB45	0.0050	3.2232	0.0000	2.046	2.079	**Left**	HB45	12.00	0.00	4.50	4.13	8.63	18.000	**OK**	0.762	0.933	2.518	2.229		2.079
↑	Grade		2136+75.00	HB45	1591.17	71.59	-2.000%	0.00	1592.60	0.00	-2.000%	0.00	1592.60	HB45	0.0050	3.2149	0.0000	2.013	2.046	**Left**	HB45	12.00	0.00	4.50	4.06	8.56	18.000	**OK**	0.756	0.921	2.505	2.223		2.046
↑	Grade		2136+80.00	HB45	1591.19	71.60	-2.000%	0.00	1592.63	0.00	-2.000%	0.00	1592.63	HB45	0.0050	3.2067	0.0000	1.980	2.013	**Left**	HB45	12.00	0.00	4.50	3.99	8.49	18.000	**OK**	0.749	0.909	2.492	2.216		2.013
↑	Grade		2136+85.00	HB45	1591.22	71.60	-2.000%	0.00	1592.65	0.00	-2.000%	0.00	1592.65	HB45	0.0050	3.1985	0.0000	1.947	1.980	**Left**	HB45	12.00	0.00	4.50	3.92	8.42	18.000	**OK**	0.743	0.897	2.478	2.209		1.980
↑	Grade		2136+90.00	HB45	1591.24	71.61	-2.000%	0.00	1592.68	0.00	-2.000%	0.00	1592.68	HB45	0.0050	3.1903	0.0000	1.914	1.947	**Left**	HB45	12.00	0.00	4.50	3.85	8.35	18.000	**OK**	0.736	0.885	2.464	2.202		1.947
↑	Grade		2136+95.00	HB45	1591.27	71.61	-2.000%	0.00	1592.70	0.00	-2.000%	0.00	1592.70	HB45	0.0050	3.1821	0.0000	1.881	1.914	**Left**	HB45	12.00	0.00	4.50	3.78	8.28	18.000	**OK**	0.730	0.872	2.450	2.194		1.914
↑	Grade		2137+00.00	HB45	1591.29	71.61	-2.000%	0.00	1592.73	0.00	-2.000%	0.00	1592.73	HB45	0.0050	3.1739	0.0000	1.849	1.881	**Left**	HB45	12.00	0.00	4.50	3.70	8.20	18.000	**OK**	0.723	0.860	2.436	2.187		1.881
↑	Grade		2137+05.00	HB45	1591.32	71.62	-2.000%	0.00	1592.75	0.00	-2.000%	0.00	1592.75	HB45	0.0050	3.1656	0.0000	1.816	1.849	**Left**	HB45	12.00	0.00	4.50	3.63	8.13	18.000	**OK**	0.717	0.848	2.422	2.179		1.849
↑	Grade		2137+10.00	HB45	1591.34	71.62	-2.000%	0.00	1592.78	0.00	-2.000%	0.00	1592.78	HB45	0.0050	3.1574	0.0000	1.783	1.816	**Left**	HB45	12.00	0.00	4.50	3.55	8.05	18.000	**OK**	0.710	0.836	2.407	2.172		1.816
↑	Grade		2137+15.00	HB45	1591.37	71.62	-2.000%	0.00	1592.80	0.00	-2.000%	0.00	1592.80	HB45	0.0050	3.1492	0.0000	1.750	1.783	**Left**	HB45	12.00	0.00	4.50	3.48	7.98	18.000	**OK**	0.703	0.824	2.392	2.164		1.783
↑	Grade		2137+20.00	HB45	1591.39	71.63	-2.000%	0.00	1592.83	0.00	-2.000%	0.00	1592.83	HB45	0.0050	3.1410	0.0000	1.717	1.750	**Left**	HB45	12.00	0.00	4.50	3.40	7.90	18.000	**OK**	0.696	0.812	2.377	2.156		1.750
↑	Grade		2137+25.00	HB45	1591.42	71.63	-2.000%	0.00	1592.85	0.00	-2.000%	0.00	1592.85	HB45	0.0050	3.1328	0.0000	1.684	1.717	**Left**	HB45	12.00	0.00	4.50	3.32	7.82	18.000	**OK**	0.689	0.799	2.362	2.148		1.717
↑	Grade		2137+30.00	HB45	1591.44	71.64	-2.000%	0.00	1592.88	0.00	-2.000%	0.00	1592.88	HB45	0.0050	3.1245	0.0000	1.651	1.684	**Left**	HB45	12.00	0.00	4.50	3.24	7.74	18.000	**OK**	0.682	0.787	2.346	2.140		1.684
↑	Grade		2137+35.00	HB45	1591.47	71.64	-2.000%	0.00	1592.90	0.00	-2.000%	0.00	1592.90	HB45	0.0050	3.1163	0.0000	1.618	1.651	**Left**	HB45	12.00	0.00	4.50	3.16	7.66	18.000	**OK**	0.675	0.775	2.330	2.131		1.651
↑	Grade		2137+40.00	HB45	1591.49	71.64	-2.000%	0.00	1592.93	0.00	-2.000%	0.00	1592.93	HB45	0.0050	3.1081	0.0000	1.585	1.618	**Left**	HB45	12.00	0.00	4.50	3.08	7.58	18.000	**OK**	0.667	0.762	2.314	2.122		1.618
↑	Grade		2137+45.00	HB45	1591.52	71.65	-2.000%	0.00	1592.95	0.00	-2.000%	0.00	1592.95	HB45	0.0050	3.0999	0.0000	1.552	1.585	**Left**	HB45	12.00	0.00	4.50	3.00	7.50	18.000	**OK**	0.660	0.750	2.298	2.114		1.585
↑	Grade		2137+50.00	HB45	1591.54	71.65	-2.000%	0.00	1592.98	0.00	-2.000%	0.00	1592.98	HB45	0.0050	3.0916	0.0000	1.519	1.552	**Left**	HB45	12.00	0.00	4.50	2.92	7.42	18.000	**OK**	0.652	0.737	2.282	2.104		1.552
↑	Grade		2137+55.00	HB45	1591.57	71.66	-2.000%	0.00	1593.00	0.00	-2.000%	0.00	1593.00	HB45	0.0050	3.0834	0.0000	1.486	1.519	**Left**	HB45	12.00	0.00	4.50	2.83	7.33	18.000	**OK**	0.645	0.725	2.265	2.095		1.519
↑	Grade		2137+60.00	HB45	1591.59	71.66	-2.000%	0.00	1593.03	0.00	-2.000%	0.00	1593.03	HB45	0.0050	3.0752	0.0000	1.453	1.486	**Left**	HB45	12.00	0.00	4.50	2.75	7.25	18.000	**OK**	0.637	0.712	2.248	2.086		1.486
↑	Grade		2137+65.00	HB45	1591.62	71.66	-2.000%	0.00	1593.05	0.00	-2.000%	0.00	1593.05	HB45	0.0050	3.0670	0.0000	1.420	1.453	**Left**	HB45	12.00	0.00	4.50	2.66	7.16	18.000	**OK**	0.629	0.700	2.230	2.076		1.453
↑	Grade		2137+70.00	HB45	1591.64	71.67	-2.000%	0.00	1593.08	0.00	-2.000%	0.00	1593.08	HB45	0.0050	3.0587	0.0000	1.387	1.420	**Left**	HB45	12.00	0.00	4.50	2.57	7.07	18.000	**OK**	0.621	0.687	2.213	2.066		1.420
↑	Grade		2137+75.00	HB45	1591.67	71.67	-2.000%	0.00	1593.10	0.00	-2.000%	0.00	1593.10	HB45	0.0050	3.0505	0.0000	1.354	1.387	**Left**	HB45	12.00	0.00	4.50	2.48	6.98	18.000	**OK**	0.613	0.675	2.195	2.055		1.387
↑	Grade		2137+80.00	HB45	1591.69	71.67	-2.000%	0.00	1593.13	0.00	-2.000%	0.00	1593.13	HB45	0.0050	3.0423	0.0000	1.321	1.354	**Left**	HB45	12.00	0.00	4.50	2.39	6.89	18.000	**OK**	0.605	0.662	2.176	2.045		1.354
↑	Grade		2137+85.00	HB45	1591.72	71.68	-2.000%	0.00	1593.15	0.00	-2.000%	0.00	1593.15	HB45	0.0050	3.0341	0.0000	1.288	1.321	**Left**	HB45	12.00	0.00	4.50	2.30	6.80	18.000	**OK**	0.597	0.650	2.157	2.034		1.321
↑	Grade		2137+90.00	HB45	1591.74	71.68	-2.000%	0.00	1593.18	0.00	-2.000%	0.00	1593.18	HB45	0.0050	3.0258	0.0000	1.255	1.288	**Left**	HB45	12.00	0.00	4.50	2.20	6.70	18.000	**OK**	0.588	0.637	2.138	2.022		1.288
↑	Grade		2137+95.00	HB45	1591.77	71.69	-2.000%	0.00	1593.20	0.00	-2.000%	0.00	1593.20	HB45	0.0050	3.0176	0.0000	1.222	1.255	**Left**	HB45	12.00	0.00	4.50	2.11	6.61	18.000	**OK**	0.580	0.624	2.119	2.011		1.255
↑	Grade		2138+00.00	HB45	1591.79	71.69	-2.000%	0.00	1593.23	0.00	-2.000%	0.00	1593.23	HB45	0.0050	3.0094	0.0000	1.189	1.222	**Left**	HB45	12.00	0.00	4.50	2.01	6.51	18.000	**OK**	0.571	0.611	2.099	1.999		1.222
↑	Grade		2138+05.00	HB45	1591.82	71.69	-2.000%	0.00	1593.25	0.00	-2.000%	0.00	1593.25	HB45	0.0050	3.0011	0.0000	1.156	1.189	**Left**	HB45	12.00	0.00	4.50	1.91	6.41	18.000	**OK**	0.562	0.599	2.079	1.986		1.189
↑	Grade		2138+10.00	HB45	1591.84	71.70	-2.000%	0.00	1593.28	0.00	-2.000%	0.00	1593.28	HB45	0.0050	2.9929	0.0000	1.123	1.156	**Left**	HB45	12.00	0.00	4.50	1.81	6.31	18.000	**OK**	0.553	0.586	2.058	1.973		1.156
↑	Grade		2138+15.00	HB45	1591.87	71.70	-2.000%	0.00	1593.30	0.00	-2.000%	0.00	1593.30	HB45	0.0050	2.9847	0.0000	1.090	1.123	**Left**	HB45	12.00	0.00	4.50	1.71	6.21	18.000	**OK**	0.544	0.573	2.037	1.959		1.123
↑	Grade		2138+20.00	HB45	1591.89	71.71	-2.000%	0.00	1593.33	0.00	-2.000%	0.00	1593.33	HB45	0.0050	2.9765	0.0000	1.057	1.090	**Left**	HB45	12.00	0.00	4.50	1.61	6.11	18.000	**OK**	0.535	0.560	2.015	1.945		1.090
↑	Grade		2138+25.00	HB45	1591.92	71.71	-2.000%	0.00	1593.35	0.00	-2.000%	0.00	1593.35	HB45	0.0050	2.9682	0.0000	1.024	1.057	**Left**	HB45	12.00	0.00	4.50	1.50	6.00	18.000	**OK**	0.525	0.548	1.993	1.931		1.057
↑	Grade		2138+30.00	HB45	1591.94	71.71	-2.000%	0.00	1593.38	0.00	-2.000%	0.00	1593.38	HB45	0.0050	2.9600	0.0000	0.991	1.024	**Left**	HB45	12.00	0.00	4.50	1.39	5.89	18.000	**OK**	0.515	0.535	1.970	1.915		1.024
↑	Grade		2138+35.00	HB45	1591.97	71.72	-2.000%	0.00	1593.40	0.00	-2.000%	0.00	1593.40	HB45	0.0050	2.9518	0.0000	0.958	0.991	**Left**	HB45	12.00	0.00	4.50	1.28	5.78	18.000	**OK**	0.505	0.522	1.947	1.899		0.991
↑	Grade		2138+40.00	HB45	1591.99	71.72	-2.000%	0.00	1593.43	0.00	-2.000%	0.00	1593.43	HB45	0.0050	2.9435	0.0000	0.925	0.958	**Left**	HB45	12.00	0.00	4.50	1.17	5.67	18.000	**OK**	0.495	0.509	1.923	1.883		0.958
↑	Grade		2138+45.00	HB45	1592.02	71.73	-2.000%	0.00	1593.45	0.00	-2.000%	0.00	1593.45	HB45	0.0050	2.9353	0.0000	0.892	0.925	**Left**	HB45	12.00	0.00	4.50	1.05	5.55	18.000	**OK**	0.485	0.496	1.899	1.865		0.925
↑	Grade		2138+50.00	HB45	1592.04	71.73	-2.000%	0.00	1593.48	0.00	-2.000%	0.00	1593.48	HB45	0.0050	2.9271	0.0000	0.859	0.892	**Left**	HB45	12.00	0.00	4.50	0.94	5.44	18.000	**OK**	0.474	0.483	1.874	1.846		0.892
↑	Grade		2138+55.00	HB45	1592.07	71.73	-2.000%	0.00	1593.50	0.00	-2.000%	0.00	1593.50	HB45	0.0050	2.9188	0.0000	0.826	0.859	**Left**	HB45	12.00	0.00	4.50	0.82	5.32	18.000	**OK**	0.464	0.470	1.848	1.827		0.859
↑	Grade		2138+60.00	HB45	1592.09	71.74	-2.000%	0.00	1593.53	0.00	-2.000%	0.00	1593.53	HB45	0.0050	2.9106	0.0000	0.793	0.826	**Left**	HB45	12.00	0.00	4.50	0.70	5.20	18.000	**OK**	0.453	0.457	1.822	1.806		0.826
↑	Grade		2138+65.00	HB45	1592.12	71.74	-2.000%	0.00	1593.55	0.00	-2.000%	0.00	1593.55	HB45	0.0050	2.9024	0.0000	0.760	0.793	**Left**	HB45	12.00	0.00	4.50	0.57	5.07	18.000	**OK**	0.441	0.445	1.795	1.784		0.793
↑	Grade	**3**	2138+70.00	HB45	1592.14	71.74	-2.000%	0.00	1593.58	0.00	-2.000%	0.00	1593.58	HB45	0.0050	2.8941	0.0000	3.924	3.957	**Left**	HB45	12.00	0.00	4.50	7.28	11.78	18.000	**OK**	1.045	1.575	3.091	2.512	3	3.957
↑	Grade		2138+75.00	HB45	1592.17	71.75	-2.000%	0.00	1593.60	0.00	-2.000%	0.00	1593.60	HB45	0.0050	2.8859	0.0000	3.891	3.924	**Left**	HB45	12.00	0.00	4.50	7.24	11.74	18.000	**OK**	1.041	1.565	3.083	2.508		3.924
↑	Grade		2138+80.00	HB45	1592.19	71.75	-2.000%	0.00	1593.63	0.00	-2.000%	0.00	1593.63	HB45	0.0050	2.8777	0.0000	3.858	3.891	**Left**	HB45	12.00	0.00	4.50	7.19	11.69	18.000	**OK**	1.037	1.554	3.075	2.504		3.891
↑	Grade		2138+85.00	HB45	1592.21	71.76	-2.000%	0.00	1593.65	0.00	-2.000%	0.00	1593.65	HB45	0.0050	2.8694	0.0000	3.825	3.858	**Left**	HB45	12.00	0.00	4.50	7.14	11.64	18.000	**OK**	1.033	1.543	3.067	2.500		3.858
↑	Grade		2138+90.00	HB45	1592.24	71.76	-2.000%	0.00	1593.68	0.00	-2.000%	0.00	1593.68	HB45	0.0050	2.8612	0.0000	3.792	3.825	**Left**	HB45	12.00	0.00	4.50	7.10	11.60	18.000	**OK**	1.029	1.532	3.059	2.496		3.825
↑	Grade		2138+95.00	HB45	1592.26	71.76	-2.000%	0.00	1593.70	0.00	-2.000%	0.00	1593.70	HB45	0.0050	2.8530	0.0000	3.759	3.792	**Left**	HB45	12.00	0.00	4.50	7.05	11.55	18.000	**OK**	1.025	1.522	3.050	2.492		3.792

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2139+00.00	HB45	1592.29	71.77	-2.000%	0.00	1593.73	0.00	-2.000%	0.00	1593.73	HB45	0.0050	2.8447	0.0000	3.726	3.759	**Left**	HB45	12.00	0.00	4.50	7.00	11.50	18.000	**OK**	1.020	1.511	3.042	2.488		3.759
↑	Grade		2139+05.00	HB45	1592.31	71.77	-2.000%	0.00	1593.75	0.00	-2.000%	0.00	1593.75	HB45	0.0050	2.8365	0.0000	3.693	3.726	**Left**	HB45	12.00	0.00	4.50	6.96	11.46	18.000	**OK**	1.016	1.500	3.034	2.484		3.726
↑	Grade		2139+10.00	HB45	1592.34	71.78	-2.000%	0.00	1593.78	0.00	-2.000%	0.00	1593.78	HB45	0.0050	2.8282	0.0000	3.660	3.693	**Left**	HB45	12.00	0.00	4.50	6.91	11.41	18.000	**OK**	1.012	1.489	3.026	2.480		3.693
↑	Grade		2139+15.00	HB45	1592.36	71.78	-2.000%	0.00	1593.80	0.00	-2.000%	0.00	1593.80	HB45	0.0050	2.8200	0.0000	3.627	3.660	**Left**	HB45	12.00	0.00	4.50	6.86	11.36	18.000	**OK**	1.008	1.478	3.017	2.476		3.660
↑	Grade		2139+20.00	HB45	1592.39	71.78	-2.000%	0.00	1593.83	0.00	-2.000%	0.00	1593.83	HB45	0.0050	2.8118	0.0000	3.594	3.627	**Left**	HB45	12.00	0.00	4.50	6.81	11.31	18.000	**OK**	1.003	1.467	3.009	2.472		3.627
↑	Grade		2139+25.00	HB45	1592.41	71.79	-2.000%	0.00	1593.85	0.00	-2.000%	0.00	1593.85	HB45	0.0050	2.8035	0.0000	3.561	3.594	**Left**	HB45	12.00	0.00	4.50	6.76	11.26	18.000	**OK**	0.999	1.456	3.000	2.468		3.594
↑	Grade		2139+30.00	HB45	1592.44	71.79	-2.000%	0.00	1593.88	0.00	-2.000%	0.00	1593.88	HB45	0.0050	2.7953	0.0000	3.528	3.561	**Left**	HB45	12.00	0.00	4.50	6.72	11.22	18.000	**OK**	0.994	1.446	2.992	2.463		3.561
↑	Grade		2139+35.00	HB45	1592.46	71.79	-2.000%	0.00	1593.90	0.00	-2.000%	0.00	1593.90	HB45	0.0050	2.7870	0.0000	3.495	3.528	**Left**	HB45	12.00	0.00	4.50	6.67	11.17	18.000	**OK**	0.990	1.435	2.983	2.459		3.528
↑	Grade		2139+40.00	HB45	1592.49	71.80	-2.000%	0.00	1593.93	0.00	-2.000%	0.00	1593.93	HB45	0.0050	2.7788	0.0000	3.462	3.495	**Left**	HB45	12.00	0.00	4.50	6.62	11.12	18.000	**OK**	0.986	1.424	2.974	2.455		3.495
↑	Grade		2139+45.00	HB45	1592.51	71.80	-2.000%	0.00	1593.95	0.00	-2.000%	0.00	1593.95	HB45	0.0050	2.7706	0.0000	3.429	3.462	**Left**	HB45	12.00	0.00	4.50	6.57	11.07	18.000	**OK**	0.981	1.413	2.966	2.451		3.462
↑	Grade		2139+50.00	HB45	1592.54	71.81	-2.000%	0.00	1593.98	0.00	-2.000%	0.00	1593.98	HB45	0.0050	2.7623	0.0000	3.396	3.429	**Left**	HB45	12.00	0.00	4.50	6.52	11.02	18.000	**OK**	0.977	1.402	2.957	2.446		3.429
↑	Grade		2139+55.00	HB45	1592.56	71.81	-2.000%	0.00	1594.00	0.00	-2.000%	0.00	1594.00	HB45	0.0050	2.7541	0.0000	3.363	3.396	**Left**	HB45	12.00	0.00	4.50	6.47	10.97	18.000	**OK**	0.972	1.391	2.948	2.442		3.396
↑	Grade		2139+60.00	HB45	1592.59	71.81	-2.000%	0.00	1594.03	0.00	-2.000%	0.00	1594.03	HB45	0.0050	2.7458	0.0000	3.330	3.363	**Left**	HB45	12.00	0.00	4.50	6.42	10.92	18.000	**OK**	0.968	1.380	2.939	2.438		3.363
↑	Grade		2139+65.00	HB45	1592.61	71.82	-2.000%	0.00	1594.05	0.00	-2.000%	0.00	1594.05	HB45	0.0050	2.7376	0.0000	3.296	3.330	**Left**	HB45	12.00	0.00	4.50	6.37	10.87	18.000	**OK**	0.963	1.368	2.930	2.433		3.330
↑	Grade		2139+70.00	HB45	1592.64	71.82	-2.000%	0.00	1594.08	0.00	-2.000%	0.00	1594.08	HB45	0.0050	2.7294	0.0000	3.263	3.296	**Left**	HB45	12.00	0.00	4.50	6.32	10.82	18.000	**OK**	0.958	1.357	2.921	2.429		3.296
↑	Grade		2139+75.00	HB45	1592.66	71.83	-2.000%	0.00	1594.10	0.00	-2.000%	0.00	1594.10	HB45	0.0050	2.7211	0.0000	3.230	3.263	**Left**	HB45	12.00	0.00	4.50	6.26	10.76	18.000	**OK**	0.954	1.346	2.912	2.424		3.263
↑	Grade		2139+80.00	HB45	1592.69	71.83	-2.000%	0.00	1594.13	0.00	-2.000%	0.00	1594.13	HB45	0.0050	2.7129	0.0000	3.197	3.230	**Left**	HB45	12.00	0.00	4.50	6.21	10.71	18.000	**OK**	0.949	1.335	2.902	2.420		3.230
↑	Grade		2139+85.00	HB45	1592.71	71.83	-2.000%	0.00	1594.15	0.00	-2.000%	0.00	1594.15	HB45	0.0050	2.7046	0.0000	3.164	3.197	**Left**	HB45	12.00	0.00	4.50	6.16	10.66	18.000	**OK**	0.944	1.324	2.893	2.415		3.197
↑	Grade		2139+90.00	HB45	1592.74	71.84	-2.000%	0.00	1594.18	0.00	-2.000%	0.00	1594.18	HB45	0.0050	2.6964	0.0000	3.131	3.164	**Left**	HB45	12.00	0.00	4.50	6.11	10.61	18.000	**OK**	0.940	1.313	2.884	2.410		3.164
↑	Grade		2139+95.00	HB45	1592.76	71.84	-2.000%	0.00	1594.20	0.00	-2.000%	0.00	1594.20	HB45	0.0050	2.6881	0.0000	3.098	3.131	**Left**	HB45	12.00	0.00	4.50	6.05	10.55	18.000	**OK**	0.935	1.302	2.874	2.406		3.131
↑	Grade		2140+00.00	HB45	1592.79	71.85	-2.000%	0.00	1594.23	0.00	-2.000%	0.00	1594.23	HB45	0.0050	2.6799	0.0000	3.065	3.098	**Left**	HB45	12.00	0.00	4.50	6.00	10.50	18.000	**OK**	0.930	1.290	2.864	2.401		3.098
↑	Grade		2140+05.00	HB45	1592.81	71.85	-2.000%	0.00	1594.25	0.00	-2.000%	0.00	1594.25	HB45	0.0050	2.6716	0.0000	3.032	3.065	**Left**	HB45	12.00	0.00	4.50	5.95	10.45	18.000	**OK**	0.925	1.279	2.855	2.396		3.065
↑	Grade		2140+10.00	HB45	1592.84	71.85	-2.000%	0.00	1594.28	0.00	-2.000%	0.00	1594.28	HB45	0.0050	2.6634	0.0000	2.999	3.032	**Left**	HB45	12.00	0.00	4.50	5.89	10.39	18.000	**OK**	0.920	1.268	2.845	2.392		3.032
↑	Grade		2140+15.00	HB45	1592.86	71.86	-2.000%	0.00	1594.30	0.00	-2.000%	0.00	1594.30	HB45	0.0050	2.6551	0.0000	2.966	2.999	**Left**	HB45	12.00	0.00	4.50	5.84	10.34	18.000	**OK**	0.916	1.256	2.835	2.387		2.999
↑	Grade		2140+20.00	HB45	1592.89	71.86	-2.000%	0.00	1594.33	0.00	-2.000%	0.00	1594.33	HB45	0.0050	2.6469	0.0000	2.933	2.966	**Left**	HB45	12.00	0.00	4.50	5.78	10.28	18.000	**OK**	0.911	1.245	2.825	2.382		2.966
↑	Grade		2140+25.00	HB45	1592.91	71.86	-2.000%	0.00	1594.35	0.00	-2.000%	0.00	1594.35	HB45	0.0050	2.6386	0.0000	2.900	2.933	**Left**	HB45	12.00	0.00	4.50	5.73	10.23	18.000	**OK**	0.906	1.234	2.815	2.377		2.933
↑	Grade		2140+30.00	HB45	1592.94	71.87	-2.000%	0.00	1594.38	0.00	-2.000%	0.00	1594.38	HB45	0.0050	2.6304	0.0000	2.867	2.900	**Left**	HB45	12.00	0.00	4.50	5.67	10.17	18.000	**OK**	0.901	1.222	2.805	2.372		2.900
↑	Grade		2140+35.00	HB45	1592.96	71.87	-2.000%	0.00	1594.40	0.00	-2.000%	0.00	1594.40	HB45	0.0050	2.6221	0.0000	2.834	2.867	**Left**	HB45	12.00	0.00	4.50	5.62	10.12	18.000	**OK**	0.896	1.211	2.795	2.367		2.867
↑	Grade		2140+40.00	HB45	1592.99	71.88	-2.000%	0.00	1594.43	0.00	-2.000%	0.00	1594.43	HB45	0.0050	2.6139	0.0000	2.801	2.834	**Left**	HB45	12.00	0.00	4.50	5.56	10.06	18.000	**OK**	0.890	1.200	2.785	2.362		2.834
↑	Grade		2140+45.00	HB45	1593.01	71.88	-2.000%	0.00	1594.45	0.00	-2.000%	0.00	1594.45	HB45	0.0050	2.6056	0.0000	2.767	2.801	**Left**	HB45	12.00	0.00	4.50	5.50	10.00	18.000	**OK**	0.885	1.188	2.774	2.357		2.801
↑	Grade		2140+50.00	HB45	1593.04	71.88	-2.000%	0.00	1594.48	0.00	-2.000%	0.00	1594.48	HB45	0.0050	2.5974	0.0000	2.734	2.767	**Left**	HB45	12.00	0.00	4.50	5.45	9.95	18.000	**OK**	0.880	1.177	2.764	2.352		2.767
↑	Grade		2140+55.00	HB45	1593.06	71.89	-2.000%	0.00	1594.50	0.00	-2.000%	0.00	1594.50	HB45	0.0050	2.5891	0.0000	2.701	2.734	**Left**	HB45	12.00	0.00	4.50	5.39	9.89	18.000	**OK**	0.875	1.165	2.753	2.346		2.734
↑	Grade		2140+60.00	HB45	1593.09	71.89	-2.000%	0.00	1594.53	0.00	-2.000%	0.00	1594.53	HB45	0.0050	2.5809	0.0000	2.668	2.701	**Left**	HB45	12.00	0.00	4.50	5.33	9.83	18.000	**OK**	0.870	1.154	2.742	2.341		2.701
↑	Grade		2140+65.00	HB45	1593.11	71.90	-2.000%	0.00	1594.55	0.00	-2.000%	0.00	1594.55	HB45	0.0050	2.5726	0.0000	2.635	2.668	**Left**	HB45	12.00	0.00	4.50	5.27	9.77	18.000	**OK**	0.864	1.142	2.732	2.336		2.668
↑	Grade		2140+70.00	HB45	1593.14	71.90	-2.000%	0.00	1594.58	0.00	-2.000%	0.00	1594.58	HB45	0.0050	2.5644	0.0000	2.602	2.635	**Left**	HB45	12.00	0.00	4.50	5.21	9.71	18.000	**OK**	0.859	1.131	2.721	2.331		2.635
↑	Grade		2140+75.00	HB45	1593.16	71.90	-2.000%	0.00	1594.60	0.00	-2.000%	0.00	1594.60	HB45	0.0050	2.5561	0.0000	2.569	2.602	**Left**	HB45	12.00	0.00	4.50	5.15	9.65	18.000	**OK**	0.854	1.119	2.710	2.325		2.602
↑	Grade		2140+80.00	HB45	1593.19	71.91	-2.000%	0.00	1594.63	0.00	-2.000%	0.00	1594.63	HB45	0.0050	2.5479	0.0000	2.536	2.569	**Left**	HB45	12.00	0.00	4.50	5.09	9.59	18.000	**OK**	0.848	1.108	2.699	2.320		2.569
↑	Grade		2140+85.00	HB45	1593.21	71.91	-2.000%	0.00	1594.65	0.00	-2.000%	0.00	1594.65	HB45	0.0050	2.5396	0.0000	2.503	2.536	**Left**	HB45	12.00	0.00	4.50	5.03	9.53	18.000	**OK**	0.843	1.096	2.687	2.314		2.536
↑	Grade		2140+90.00	HB45	1593.24	71.91	-2.000%	0.00	1594.68	0.00	-2.000%	0.00	1594.68	HB45	0.0050	2.5314	0.0000	2.470	2.503	**Left**	HB45	12.00	0.00	4.50	4.97	9.47	18.000	**OK**	0.837	1.084	2.676	2.308		2.503
↑	Grade		2140+95.00	HB45	1593.26	71.92	-2.000%	0.00	1594.70	0.00	-2.000%	0.00	1594.70	HB45	0.0050	2.5231	0.0000	2.437	2.470	**Left**	HB45	12.00	0.00	4.50	4.91	9.41	18.000	**OK**	0.832	1.073	2.664	2.303		2.470
↑	Grade		2141+00.00	HB45	1593.29	71.92	-2.000%	0.00	1594.73	0.00	-2.000%	0.00	1594.73	HB45	0.0050	2.5149	0.0000	2.404	2.437	**Left**	HB45	12.00	0.00	4.50	4.85	9.35	18.000	**OK**	0.826	1.061	2.653	2.297		2.437
↑	Grade		2141+05.00	HB45	1593.31	71.93	-2.000%	0.00	1594.75	0.00	-2.000%	0.00	1594.75	HB45	0.0050	2.5066	0.0000	2.370	2.404	**Left**	HB45	12.00	0.00	4.50	4.78	9.28	18.000	**OK**	0.820	1.049	2.641	2.291		2.404
↑	Grade		2141+10.00	HB45	1593.34	71.93	-2.000%	0.00	1594.78	0.00	-2.000%	0.00	1594.78	HB45	0.0050	2.4984	0.0000	2.337	2.370	**Left**	HB45	12.00	0.00	4.50	4.72	9.22	18.000	**OK**	0.815	1.037	2.629	2.285		2.370
↑	Grade		2141+15.00	HB45	1593.36	71.93	-2.000%	0.00	1594.80	0.00	-2.000%	0.00	1594.80	HB45	0.0050	2.4901	0.0000	2.304	2.337	**Left**	HB45	12.00	0.00	4.50	4.65	9.15	18.000	**OK**	0.809	1.026	2.617	2.279		2.337
↑	Grade		2141+20.00	HB45	1593.39	71.94	-2.000%	0.00	1594.83	0.00	-2.000%	0.00	1594.83	HB45	0.0050	2.4818	0.0000	2.271	2.304	**Left**	HB45	12.00	0.00	4.50	4.59	9.09	18.000	**OK**	0.803	1.014	2.605	2.273		2.304
↑	Grade		2141+25.00	HB45	1593.41	71.94	-2.000%	0.00	1594.85	0.00	-2.000%	0.00	1594.85	HB45	0.0050	2.4736	0.0000	2.238	2.271	**Left**	HB45	12.00	0.00	4.50	4.52	9.02	18.000	**OK**	0.797	1.002	2.593	2.267		2.271
↑	Grade		2141+30.00	HB45	1593.44	71.95	-2.000%	0.00	1594.88	0.00	-2.000%	0.00	1594.88	HB45	0.0050	2.4653	0.0000	2.205	2.238	**Left**	HB45	12.00	0.00	4.50	4.46	8.96	18.000	**OK**	0.791	0.990	2.580	2.261		2.238
↑	Grade		2141+35.00	HB45	1593.46	71.95	-2.000%	0.00	1594.90	0.00	-2.000%	0.00	1594.90	HB45	0.0050	2.4571	0.0000	2.172	2.205	**Left**	HB45	12.00	0.00	4.50	4.39	8.89	18.000	**OK**	0.785	0.978	2.568	2.254		2.205
↑	Grade		2141+40.00	HB45	1593.49	71.95	-2.000%	0.00	1594.93	0.00	-2.000%	0.00	1594.93	HB45	0.0050	2.4488	0.0000	2.139	2.172	**Left**	HB45	12.00	0.00	4.50	4.32	8.82	18.000	**OK**	0.779	0.966	2.555	2.248		2.172
↑	Grade		2141+45.00	HB45	1593.51	71.96	-2.000%	0.00	1594.95	0.00	-2.000%	0.00	1594.95	HB45	0.0050	2.4406	0.0000	2.106	2.139	**Left**	HB45	12.00	0.00	4.50	4.26	8.76	18.000	**OK**	0.773	0.954	2.542	2.241		2.139
↑	Grade		2141+50.00	HB45	1593.54	71.96	-2.000%	0.00	1594.98	0.00	-2.000%	0.00	1594.98	HB45	0.0050	2.4323	0.0000	2.072	2.106	**Left**	HB45	12.00	0.00	4.50	4.19	8.69	18.000	**OK**	0.767	0.942	2.529	2.235		2.106
↑	Grade		2141+55.00	HB45	1593.56	71.97	-2.000%	0.00	1595.00	0.00	-2.000%	0.00	1595.00	HB45	0.0050	2.4240	0.0000	2.039	2.072	**Left**	HB45	12.00	0.00	4.50	4.12	8.62	18.000	**OK**	0.761	0.930	2.516	2.228		2.072
↑	Grade		2141+60.00	HB45	1593.59	71.97	-2.000%	0.00	1595.03	0.00	-2.000%	0.00	1595.03	HB45	0.0050	2.4158	0.0000	2.006	2.039	**Left**	HB45	12.00	0.00	4.50	4.05	8.55	18.000	**OK**	0.754	0.918	2.502	2.221		2.039
↑	Grade		2141+65.00	HB45	1593.61	71.97	-2.000%	0.00	1595.05	0.00	-2.000%	0.00	1595.05	HB45	0.0050	2.4075	0.0000	1.973	2.006	**Left**	HB45	12.00	0.00	4.50	3.98	8.48	18.000	**OK**	0.748	0.906	2.489	2.214		2.006
↑	Grade		2141+70.00	HB45	1593.64	71.98	-2.000%	0.00	1595.08	0.00	-2.000%	0.00	1595.08	HB45	0.0050	2.3993	0.0000	1.940	1.973	**Left**	HB45	12.00	0.00	4.50	3.91	8.41	18.000	**OK**	0.741	0.894	2.475	2.207		1.973
↑	Grade		2141+75.00	HB45	1593.66	71.98	-2.000%	0.00	1595.10	0.00	-2.000%	0.00	1595.10	HB45	0.0050	2.3910	0.0000	1.907	1.940	**Left**	HB45	12.00	0.00	4.50	3.83	8.33	18.000	**OK**	0.735	0.882	2.461	2.200		1.940
↑	Grade		2141+80.00	HB45	1593.69	71.98	-2.000%	0.00	1595.13	0.00	-2.000%	0.00	1595.13	HB45	0.0050	2.3827	0.0000	1.874	1.907	**Left**	HB45	12.00	0.00	4.50	3.76	8.26	18.000	**OK**	0.728	0.870	2.447	2.193		1.907
↑	Grade		2141+85.00	HB45	1593.71	71.99	-2.000%	0.00	1595.15	0.00	-2.000%	0.00	1595.15	HB45	0.0050	2.3745	0.0000	1.841	1.874	**Left**	HB45	12.00	0.00	4.50	3.69	8.19	18.000	**OK**	0.722	0.857	2.433	2.185		1.874
↑	Grade		2141+90.00	HB45	1593.74	71.99	-2.000%	0.00	1595.18	0.00	-2.000%	0.00	1595.18	HB45	0.0050	2.3662	0.0000	1.807	1.841	**Left**	HB45	12.00	0.00	4.50	3.61	8.11	18.000	**OK**	0.715	0.845	2.418	2.178		1.841
↑	Grade		2141+95.00	HB45	1593.76	72.00	-2.000%	0.00	1595.20	0.00	-2.000%	0.00	1595.20	HB45	0.0050	2.3579	0.0000	1.774	1.807	**Left**	HB45	12.00	0.00	4.50	3.53	8.03	18.000	**OK**	0.708	0.833	2.403	2.170		1.807
↑	Grade		2142+00.00	HB45	1593.79	72.00	-2.000%	0.00	1595.23	0.00	-2.000%	0.00	1595.23	HB45	0.0050	2.3497	0.0000	1.741	1.774	**Left**	HB45	12.00	0.00	4.50	3.46	7.96	18.000	**OK**	0.701	0.821	2.388	2.162		1.774
↑	Grade		2142+05.00	HB45	1593.81	72.00	-2.000%	0.00	1595.25	0.00	-2.000%	0.00	1595.25	HB45	0.0050	2.3414	0.0000	1.708	1.741	**Left**	HB45	12.00	0.00	4.50	3.38	7.88	18.000	**OK**	0.694	0.808	2.373	2.154		1.741
↑	Grade		2142+10.00	HB45	1593.84	72.00	-2.000%	0.00	1595.28	0.00	-2.000%	0.00	1595.28	HB45	0.0050	2.3331	0.0000	1.675	1.708	**Left**	HB45	12.00	0.00	4.50	3.30	7.80	18.000	**OK**	0.687	0.796	2.358	2.146		1.708
↑	Grade		2142+15.00	HB45	1593.86	72.00	-2.000%	0.00	1595.30	0.00	-2.000%	0.00	1595.30	HB45	0.0050	2.3249	0.0000	1.642	1.675	**Left**	HB45	12.00	0.00	4.50	3.22	7.72	18.000	**OK**	0.680	0.784	2.342	2.137		1.675
↑	Grade		2142+20.00	HB45	1593.89	72.00	-2.000%	0.00	1595.33	0.00	-2.000%	0.00	1595.33	HB45	0.0050	2.3166	0.0000	1.609	1.642	**Left**	HB45	12.00	0.00	4.50	3.14	7.64	18.000	**OK**	0.673	0.771	2.326	2.129		1.642
↑	Grade		2142+25.00	HB45	1593.91	72.00	-2.000%	0.00	1595.35	0.00	-2.000%	0.00	1595.35	HB45	0.0050	2.3084	0.0000	1.576	1.609	**Left**	HB45	12.00	0.00	4.50	3.06	7.56	18.000	**OK**	0.665	0.759	2.310	2.120		1.609
↑	Grade		2142+30.00	HB45	1593.94	72.00	-2.000%	0.00	1595.38	0.00	-2.000%	0.00	1595.38	HB45	0.0050	2.3001	0.0000	1.542	1.576	**Left**	HB45	12.00	0.00	4.50	2.98	7.48	18.000	**OK**	0.658	0.746	2.294	2.111		1.576
↑	Grade		2142+35.00	HB45	1593.96	72.00	-2.000%	0.00	1595.40	0.00	-2.000%	0.00	1595.40	HB45	0.0050	2.2918	0.0000	1.509	1.542	**Left**	HB45	12.00	0.00	4.50	2.89	7.39	18.000	**OK**	0.650	0.734	2.277	2.102		1.542
↑	Grade		2142+40.00	HB45	1593.99	72.00	-2.000%	0.00	1595.43	0.00	-2.000%	0.00	1595.43	HB45	0.0050	2.2836	0.0000	1.476	1.509	**Left**	HB45	12.00	0.00	4.50	2.81	7.31	18.000	**OK**	0.643	0.721	2.260	2.092		1.509
↑	Grade		2142+45.00	HB45	1594.01	72.00	-2.000%	0.00	1595.45	0.00	-2.000%	0.00	1595.45	HB45	0.0050	2.2753	0.0000	1.443	1.476	**Left**	HB45	12.00	0.00	4.50	2.72	7.22	18.000	**OK**	0.635	0.709	2.243	2.083		1.476
↑	Grade		2142+50.00	HB45	1594.04	72.00	-2.000%	0.00	1595.48	0.00	-2.000%	0.00	1595.48	HB45	0.0050	2.2670	0.0000	1.410	1.443	**Left**	HB45	12.00	0.00	4.50	2.63	7.13	18.000	**OK**	0.627	0.696	2.225	2.073		1.443
↑	Grade		2142+55.00	HB45	1594.06	72.00	-2.000%	0.00	1595.50	0.00	-2.000%	0.00	1595.50	HB45	0.0050	2.2588	0.0000	1.377	1.410	**Left**	HB45	12.00	0.00	4.50	2.54	7.04	18.000	**OK**	0.619	0.684	2.207	2.063		1.410
↑	Grade		2142+60.00	HB45	1594.09	72.00	-2.000%	0.00	1595.53	0.00	-2.000%	0.00	1595.53	HB45	0.0050	2.2505	0.0000	1.344	1.377	**Left**	HB45	12.00	0.00	4.50	2.45	6.95	18.000	**OK**	0.611	0.671	2.189	2.052		1.377
↑	Grade		2142+65.00	HB45	1594.11	72.00	-2.000%	0.00	1595.55	0.00	-2.000%	0.00	1595.55	HB45	0.0050	2.2422	0.0000	1.311	1.344	**Left**	HB45	12.00	0.00	4.50	2.36	6.86	18.000	**OK**	0.602	0.658	2.170	2.041		1.344

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2142+70.00	HB45	1594.14	72.00	-2.000%	0.00	1595.58	0.00	-2.000%	0.00	1595.58	HB45	0.0050	2.2340	0.0000	1.277	1.311	**Left**	HB45	12.00	0.00	4.50	2.27	6.77	18.000	**OK**	0.594	0.646	2.151	2.030		1.311
↑	Grade		2142+75.00	HB45	1594.16	72.00	-2.000%	0.00	1595.60	0.00	-2.000%	0.00	1595.60	HB45	0.0050	2.2257	0.0000	1.244	1.277	**Left**	HB45	12.00	0.00	4.50	2.17	6.67	18.000	**OK**	0.586	0.633	2.132	2.019		1.277
↑	Grade		2142+80.00	HB45	1594.19	72.00	-2.000%	0.00	1595.63	0.00	-2.000%	0.00	1595.63	HB45	0.0050	2.2174	0.0000	1.211	1.244	**Left**	HB45	12.00	0.00	4.50	2.08	6.58	18.000	**OK**	0.577	0.620	2.112	2.007		1.244
↑	Grade		2142+85.00	HB45	1594.21	72.00	-2.000%	0.00	1595.65	0.00	-2.000%	0.00	1595.65	HB45	0.0050	2.2092	0.0000	1.178	1.211	**Left**	HB45	12.00	0.00	4.50	1.98	6.48	18.000	**OK**	0.568	0.607	2.092	1.994		1.211
↑	Grade		2142+90.00	HB45	1594.24	72.00	-2.000%	0.00	1595.68	0.00	-2.000%	0.00	1595.68	HB45	0.0050	2.2009	0.0000	1.145	1.178	**Left**	HB45	12.00	0.00	4.50	1.88	6.38	18.000	**OK**	0.559	0.594	2.072	1.982		1.178
↑	Grade		2142+95.00	HB45	1594.26	72.00	-2.000%	0.00	1595.70	0.00	-2.000%	0.00	1595.70	HB45	0.0050	2.1927	0.0000	1.112	1.145	**Left**	HB45	12.00	0.00	4.50	1.78	6.28	18.000	**OK**	0.550	0.582	2.051	1.968		1.145
↑	Grade		2143+00.00	HB45	1594.29	72.00	-2.000%	0.00	1595.73	0.00	-2.000%	0.00	1595.73	HB45	0.0050	2.1844	0.0000	1.079	1.112	**Left**	HB45	12.00	0.00	4.50	1.67	6.17	18.000	**OK**	0.541	0.569	2.029	1.955		1.112
↑	Grade		2143+05.00	HB45	1594.31	72.00	-2.000%	0.00	1595.75	0.00	-2.000%	0.00	1595.75	HB45	0.0050	2.1761	0.0000	1.045	1.079	**Left**	HB45	12.00	0.00	4.50	1.57	6.07	18.000	**OK**	0.531	0.556	2.007	1.940		1.079
↑	Grade		2143+10.00	HB45	1594.34	72.00	-2.000%	0.00	1595.78	0.00	-2.000%	0.00	1595.78	HB45	0.0050	2.1679	0.0000	1.012	1.045	**Left**	HB45	12.00	0.00	4.50	1.46	5.96	18.000	**OK**	0.522	0.543	1.985	1.925		1.045
↑	Grade		2143+15.00	HB45	1594.36	72.00	-2.000%	0.00	1595.80	0.00	-2.000%	0.00	1595.80	HB45	0.0050	2.1596	0.0000	0.979	1.012	**Left**	HB45	12.00	0.00	4.50	1.35	5.85	18.000	**OK**	0.512	0.530	1.962	1.910		1.012
↑	Grade		2143+20.00	HB45	1594.39	72.00	-2.000%	0.00	1595.83	0.00	-2.000%	0.00	1595.83	HB45	0.0050	2.1513	0.0000	0.946	0.979	**Left**	HB45	12.00	0.00	4.50	1.24	5.74	18.000	**OK**	0.502	0.517	1.939	1.893		0.979
↑	Grade		2143+25.00	HB45	1594.41	72.00	-2.000%	0.00	1595.85	0.00	-2.000%	0.00	1595.85	HB45	0.0050	2.1431	0.0000	0.913	0.946	**Left**	HB45	12.00	0.00	4.50	1.13	5.63	18.000	**OK**	0.492	0.504	1.915	1.876		0.946
↑	Grade		2143+30.00	HB45	1594.44	72.00	-2.000%	0.00	1595.88	0.00	-2.000%	0.00	1595.88	HB45	0.0050	2.1348	0.0000	0.880	0.913	**Left**	HB45	12.00	0.00	4.50	1.01	5.51	18.000	**OK**	0.481	0.491	1.890	1.858		0.913
↑	Grade		2143+35.00	HB45	1594.46	72.00	-2.000%	0.00	1595.90	0.00	-2.000%	0.00	1595.90	HB45	0.0050	2.1265	0.0000	0.847	0.880	**Left**	HB45	12.00	0.00	4.50	0.89	5.39	18.000	**OK**	0.470	0.478	1.865	1.839		0.880
↑	Grade		2143+40.00	HB45	1594.49	72.00	-2.000%	0.00	1595.93	0.00	-2.000%	0.00	1595.93	HB45	0.0050	2.1183	0.0000	0.814	0.847	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.460	0.465	1.839	1.819		0.847
↑	Grade		2143+45.00	HB45	1594.62	66.50	-2.000%	0.00	1595.95	0.00	-2.000%	0.00	1595.95	HB45	0.0050	2.1100	0.0000	0.782	0.814	**Left**	HB45	12.00	0.00	4.50	0.65	5.15	18.000	**OK**	0.448	0.453	1.812	1.798		0.814
↑	Grade		2143+50.00	HB45	1594.64	66.55	-2.000%	0.00	1595.98	0.00	-2.000%	0.00	1595.98	HB45	0.0050	2.1021	0.0000	0.751	0.782	**Left**	HB45	12.00	0.00	4.50	0.53	5.03	18.000	**OK**	0.437	0.440	1.786	1.776		0.782
↑	Grade		2143+55.00	HB45	1594.67	66.59	-2.000%	0.00	1596.00	0.00	-2.000%	0.00	1596.00	HB45	0.0050	2.0944	0.0000	0.720	0.751	**Left**	HB45	12.00	0.00	4.50	0.41	4.91	18.000	**OK**	0.427	0.428	1.760	1.754		0.751
↑	Grade		2143+60.00	HB45	1594.69	66.64	-2.000%	0.00	1596.03	0.00	-2.000%	0.00	1596.03	HB45	0.0050	2.0868	0.0000	0.690	0.720	**Left**	HB45	12.00	0.00	4.50	0.28	4.78	18.000	**OK**	0.416	0.416	1.733	1.730		0.720
↑	Grade		2143+65.00	HB45	1594.72	66.68	-2.000%	0.00	1596.05	0.00	-2.000%	0.00	1596.05	HB45	0.0050	2.0791	0.0000	0.659	0.690	**Left**	HB45	12.00	0.00	4.50	0.16	4.66	18.000	**OK**	0.404	0.405	1.706	1.705		0.690
↑	Grade		2143+70.00	HB45	1594.74	66.73	-2.000%	0.00	1596.08	0.00	-2.000%	0.00	1596.08	HB45	0.0050	2.0715	0.0000	0.628	0.659	**Left**	HB45	12.00	0.00	4.50	0.03	4.53	18.000	**OK**	0.393	0.393	1.678	1.678		0.659
↑	Grade		2143+75.00	HB45	1594.76	66.78	-2.000%	0.00	1596.10	0.00	-2.000%	0.00	1596.10	HB45	0.0050	2.0638	0.0000	0.598	0.628	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.381	0.381	1.649	1.649		0.628
↑	Grade		2143+80.00	HB45	1594.79	66.82	-2.000%	0.00	1596.13	0.00	-2.000%	0.00	1596.13	HB45	0.0050	2.0562	0.0000	0.567	0.598	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.369	0.369	1.619	1.619		0.598
↑	Grade		2143+85.00	HB45	1594.81	66.87	-2.000%	0.00	1596.15	0.00	-2.000%	0.00	1596.15	HB45	0.0050	2.0485	0.0000	0.536	0.567	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.357	0.357	1.589	1.589		0.567
↑	Grade		2143+90.00	HB45	1594.84	66.91	-2.000%	0.00	1596.18	0.00	-2.000%	0.00	1596.18	HB45	0.0050	2.0408	0.0000	0.505	0.536	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.344	0.344	1.558	1.558		0.536
↑	Grade		2143+95.00	HB45	1594.86	66.96	-2.000%	0.00	1596.20	0.00	-2.000%	0.00	1596.20	HB45	0.0050	2.0331	0.0000	0.475	0.505	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.331	0.331	1.526	1.526		0.505
↑	Grade		2144+00.00	HB45	1594.88	67.00	-2.000%	0.00	1596.23	0.00	-2.000%	0.00	1596.23	HB45	0.0050	2.0255	0.0000	0.444	0.475	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.318	0.318	1.493	1.493		0.475
↑	Grade		2144+05.00	HB45	1594.91	67.05	-2.000%	0.00	1596.25	0.00	-2.000%	0.00	1596.25	HB45	0.0050	2.0178	0.0000	0.413	0.444	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.304	0.304	1.459	1.459		0.444
↑	Grade		2144+10.00	HB45	1594.93	67.10	-2.000%	0.00	1596.28	0.00	-2.000%	0.00	1596.28	HB45	0.0050	2.0101	0.0000	0.382	0.413	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.290	0.290	1.425	1.425		0.413
↑	Grade		2144+15.00	HB45	1594.96	67.14	-2.000%	0.00	1596.30	0.00	-2.000%	0.00	1596.30	HB45	0.0050	2.0024	0.0000	0.351	0.382	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.275	0.275	1.389	1.389		0.382
↑	Grade		2144+20.00	HB45	1594.98	67.19	-2.000%	0.00	1596.33	0.00	-2.000%	0.00	1596.33	HB45	0.0050	1.9947	0.0000	0.320	0.351	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.260	0.260	1.352	1.352		0.351
↑	Grade		2144+25.00	HB45	1595.01	67.23	-2.000%	0.00	1596.35	0.00	-2.000%	0.00	1596.35	HB45	0.0050	1.9870	0.0000	0.289	0.320	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.244	0.244	1.314	1.314		0.320
↑	Grade		2144+30.00	HB45	1595.03	67.28	-2.000%	0.00	1596.38	0.00	-2.000%	0.00	1596.38	HB45	0.0050	1.9793	0.0000	0.258	0.289	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.227	0.227	1.275	1.275		0.289
↑	Grade		2144+35.00	HB45	1595.05	67.33	-2.000%	0.00	1596.40	0.00	-2.000%	0.00	1596.40	HB45	0.0050	1.9715	0.0000	0.227	0.258	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.209	0.209	1.237	1.237		0.258
↑	Grade	**3**	2144+40.00	HB45	1595.08	67.37	-2.000%	0.00	1596.43	0.00	-2.000%	0.00	1596.43	HB45	0.0050	1.9638	0.0000	2.280	2.311	**Left**	HB45	12.00	0.00	4.50	4.60	9.10	18.000	**OK**	0.804	1.016	2.607	2.274	3	2.311
↑	Grade		2144+45.00	HB45	1595.10	67.42	-2.000%	0.00	1596.45	0.00	-2.000%	0.00	1596.45	HB45	0.0050	1.9561	0.0000	2.249	2.280	**Left**	HB45	12.00	0.00	4.50	4.54	9.04	18.000	**OK**	0.799	1.005	2.596	2.268		2.280
↑	Grade		2144+50.00	HB45	1595.13	67.46	-2.000%	0.00	1596.48	0.00	-2.000%	0.00	1596.48	HB45	0.0050	1.9483	0.0000	2.218	2.249	**Left**	HB45	12.00	0.00	4.50	4.48	8.98	18.000	**OK**	0.793	0.994	2.584	2.263		2.249
↑	Grade		2144+55.00	HB45	1595.15	67.51	-2.000%	0.00	1596.50	0.00	-2.000%	0.00	1596.50	HB45	0.0050	1.9406	0.0000	2.186	2.218	**Left**	HB45	12.00	0.00	4.50	4.42	8.92	18.000	**OK**	0.788	0.983	2.572	2.257		2.218
↑	Grade		2144+60.00	HB45	1595.17	67.55	-2.000%	0.00	1596.53	0.00	-2.000%	0.00	1596.53	HB45	0.0050	1.9329	0.0000	2.155	2.186	**Left**	HB45	12.00	0.00	4.50	4.35	8.85	18.000	**OK**	0.782	0.971	2.561	2.251		2.186
↑	Grade		2144+65.00	HB45	1595.20	67.60	-2.000%	0.00	1596.55	0.00	-2.000%	0.00	1596.55	HB45	0.0050	1.9251	0.0000	2.124	2.155	**Left**	HB45	12.00	0.00	4.50	4.29	8.79	18.000	**OK**	0.776	0.960	2.549	2.245		2.155
↑	Grade		2144+70.00	HB45	1595.22	67.65	-2.000%	0.00	1596.58	0.00	-2.000%	0.00	1596.58	HB45	0.0050	1.9173	0.0000	2.093	2.124	**Left**	HB45	12.00	0.00	4.50	4.23	8.73	18.000	**OK**	0.770	0.949	2.536	2.238		2.124
↑	Grade		2144+75.00	HB45	1595.25	67.69	-2.000%	0.00	1596.60	0.00	-2.000%	0.00	1596.60	HB45	0.0050	1.9096	0.0000	2.062	2.093	**Left**	HB45	12.00	0.00	4.50	4.16	8.66	18.000	**OK**	0.765	0.938	2.524	2.232		2.093
↑	Grade		2144+80.00	HB45	1595.27	67.74	-2.000%	0.00	1596.63	0.00	-2.000%	0.00	1596.63	HB45	0.0050	1.9018	0.0000	2.031	2.062	**Left**	HB45	12.00	0.00	4.50	4.10	8.60	18.000	**OK**	0.759	0.926	2.512	2.226		2.062
↑	Grade		2144+85.00	HB45	1595.29	67.78	-2.000%	0.00	1596.65	0.00	-2.000%	0.00	1596.65	HB45	0.0050	1.8940	0.0000	2.000	2.031	**Left**	HB45	12.00	0.00	4.50	4.03	8.53	18.000	**OK**	0.753	0.915	2.499	2.219		2.031
↑	Grade		2144+90.00	HB45	1595.32	67.83	-2.000%	0.00	1596.68	0.00	-2.000%	0.00	1596.68	HB45	0.0050	1.8863	0.0000	1.968	2.000	**Left**	HB45	12.00	0.00	4.50	3.96	8.46	18.000	**OK**	0.747	0.904	2.486	2.213		2.000
↑	Grade		2144+95.00	HB45	1595.34	67.88	-2.000%	0.00	1596.70	0.00	-2.000%	0.00	1596.70	HB45	0.0050	1.8785	0.0000	1.937	1.968	**Left**	HB45	12.00	0.00	4.50	3.89	8.39	18.000	**OK**	0.741	0.892	2.473	2.206		1.968
↑	Grade		2145+00.00	HB45	1595.37	67.92	-2.000%	0.00	1596.73	0.00	-2.000%	0.00	1596.73	HB45	0.0050	1.8707	0.0000	1.906	1.937	**Left**	HB45	12.00	0.00	4.50	3.83	8.33	18.000	**OK**	0.734	0.881	2.460	2.199		1.937
↑	Grade		2145+05.00	HB45	1595.39	67.97	-2.000%	0.00	1596.75	0.00	-2.000%	0.00	1596.75	HB45	0.0050	1.8629	0.0000	1.875	1.906	**Left**	HB45	12.00	0.00	4.50	3.76	8.26	18.000	**OK**	0.728	0.869	2.447	2.192		1.906
↑	Grade		2145+10.00	HB45	1595.41	68.01	-2.000%	0.00	1596.78	0.00	-2.000%	0.00	1596.78	HB45	0.0050	1.8551	0.0000	1.843	1.875	**Left**	HB45	12.00	0.00	4.50	3.69	8.19	18.000	**OK**	0.722	0.858	2.433	2.185		1.875
↑	Grade		2145+15.00	HB45	1595.44	68.06	-2.000%	0.00	1596.80	0.00	-2.000%	0.00	1596.80	HB45	0.0050	1.8473	0.0000	1.812	1.843	**Left**	HB45	12.00	0.00	4.50	3.62	8.12	18.000	**OK**	0.716	0.846	2.419	2.178		1.843
↑	Grade		2145+20.00	HB45	1595.46	68.11	-2.000%	0.00	1596.83	0.00	-2.000%	0.00	1596.83	HB45	0.0050	1.8395	0.0000	1.781	1.812	**Left**	HB45	12.00	0.00	4.50	3.54	8.04	18.000	**OK**	0.709	0.835	2.405	2.171		1.812
↑	Grade		2145+25.00	HB45	1595.49	68.15	-2.000%	0.00	1596.85	0.00	-2.000%	0.00	1596.85	HB45	0.0050	1.8317	0.0000	1.749	1.781	**Left**	HB45	12.00	0.00	4.50	3.47	7.97	18.000	**OK**	0.703	0.823	2.391	2.164		1.781
↑	Grade		2145+30.00	HB45	1595.51	68.20	-2.000%	0.00	1596.88	0.00	-2.000%	0.00	1596.88	HB45	0.0050	1.8239	0.0000	1.718	1.749	**Left**	HB45	12.00	0.00	4.50	3.40	7.90	18.000	**OK**	0.696	0.811	2.377	2.156		1.749
↑	Grade		2145+35.00	HB45	1595.54	68.24	-2.000%	0.00	1596.90	0.00	-2.000%	0.00	1596.90	HB45	0.0050	1.8160	0.0000	1.687	1.718	**Left**	HB45	12.00	0.00	4.50	3.32	7.82	18.000	**OK**	0.689	0.800	2.362	2.148		1.718
↑	Grade		2145+40.00	HB45	1595.56	68.29	-2.000%	0.00	1596.93	0.00	-2.000%	0.00	1596.93	HB45	0.0050	1.8082	0.0000	1.655	1.687	**Left**	HB45	12.00	0.00	4.50	3.25	7.75	18.000	**OK**	0.682	0.788	2.348	2.140		1.687
↑	Grade		2145+45.00	HB45	1595.58	68.33	-2.000%	0.00	1596.95	0.00	-2.000%	0.00	1596.95	HB45	0.0050	1.8004	0.0000	1.624	1.655	**Left**	HB45	12.00	0.00	4.50	3.17	7.67	18.000	**OK**	0.676	0.776	2.333	2.132		1.655
↑	Grade		2145+50.00	HB45	1595.61	68.38	-2.000%	0.00	1596.98	0.00	-2.000%	0.00	1596.98	HB45	0.0050	1.7925	0.0000	1.592	1.624	**Left**	HB45	12.00	0.00	4.50	3.10	7.60	18.000	**OK**	0.669	0.765	2.317	2.124		1.624
↑	Grade		2145+55.00	HB45	1595.63	68.43	-2.000%	0.00	1597.00	0.00	-2.000%	0.00	1597.00	HB45	0.0050	1.7847	0.0000	1.561	1.592	**Left**	HB45	12.00	0.00	4.50	3.02	7.52	18.000	**OK**	0.662	0.753	2.302	2.116		1.592
↑	Grade		2145+60.00	HB45	1595.66	68.47	-2.000%	0.00	1597.03	0.00	-2.000%	0.00	1597.03	HB45	0.0050	1.7768	0.0000	1.529	1.561	**Left**	HB45	12.00	0.00	4.50	2.94	7.44	18.000	**OK**	0.654	0.741	2.286	2.107		1.561
↑	Grade		2145+65.00	HB45	1595.68	68.52	-2.000%	0.00	1597.05	0.00	-2.000%	0.00	1597.05	HB45	0.0050	1.7690	0.0000	1.498	1.529	**Left**	HB45	12.00	0.00	4.50	2.86	7.36	18.000	**OK**	0.647	0.729	2.270	2.098		1.529
↑	Grade		2145+70.00	HB45	1595.70	68.56	-2.000%	0.00	1597.08	0.00	-2.000%	0.00	1597.08	HB45	0.0050	1.7611	0.0000	1.466	1.498	**Left**	HB45	12.00	0.00	4.50	2.78	7.28	18.000	**OK**	0.640	0.717	2.254	2.089		1.498
↑	Grade		2145+75.00	HB45	1595.73	68.61	-2.000%	0.00	1597.10	0.00	-2.000%	0.00	1597.10	HB45	0.0050	1.7532	0.0000	1.435	1.466	**Left**	HB45	12.00	0.00	4.50	2.69	7.19	18.000	**OK**	0.632	0.705	2.237	2.080		1.466
↑	Grade		2145+80.00	HB45	1595.75	68.66	-2.000%	0.00	1597.13	0.00	-2.000%	0.00	1597.13	HB45	0.0050	1.7454	0.0000	1.403	1.435	**Left**	HB45	12.00	0.00	4.50	2.61	7.11	18.000	**OK**	0.625	0.693	2.221	2.070		1.435
↑	Grade		2145+85.00	HB45	1595.78	68.70	-2.000%	0.00	1597.15	0.00	-2.000%	0.00	1597.15	HB45	0.0050	1.7375	0.0000	1.372	1.403	**Left**	HB45	12.00	0.00	4.50	2.52	7.02	18.000	**OK**	0.617	0.681	2.203	2.061		1.403
↑	Grade		2145+90.00	HB45	1595.80	68.75	-2.000%	0.00	1597.18	0.00	-2.000%	0.00	1597.18	HB45	0.0050	1.7296	0.0000	1.340	1.372	**Left**	HB45	12.00	0.00	4.50	2.44	6.94	18.000	**OK**	0.609	0.669	2.186	2.050		1.372
↑	Grade		2145+95.00	HB45	1595.82	68.79	-2.000%	0.00	1597.20	0.00	-2.000%	0.00	1597.20	HB45	0.0050	1.7217	0.0000	1.308	1.340	**Left**	HB45	12.00	0.00	4.50	2.35	6.85	18.000	**OK**	0.602	0.657	2.168	2.040		1.340
↑	Grade		2146+00.00	HB45	1595.85	68.84	-2.000%	0.00	1597.23	0.00	-2.000%	0.00	1597.23	HB45	0.0050	1.7138	0.0000	1.277	1.308	**Left**	HB45	12.00	0.00	4.50	2.26	6.76	18.000	**OK**	0.594	0.645	2.150	2.029		1.308
↑	Grade		2146+05.00	HB45	1595.87	68.89	-2.000%	0.00	1597.25	0.00	-2.000%	0.00	1597.25	HB45	0.0050	1.7059	0.0000	1.245	1.277	**Left**	HB45	12.00	0.00	4.50	2.17	6.67	18.000	**OK**	0.585	0.633	2.132	2.018		1.277
↑	Grade		2146+10.00	HB45	1595.90	68.93	-2.000%	0.00	1597.28	0.00	-2.000%	0.00	1597.28	HB45	0.0050	1.6980	0.0000	1.213	1.245	**Left**	HB45	12.00	0.00	4.50	2.08	6.58	18.000	**OK**	0.577	0.620	2.113	2.007		1.245
↑	Grade		2146+15.00	HB45	1595.92	68.98	-2.000%	0.00	1597.30	0.00	-2.000%	0.00	1597.30	HB45	0.0050	1.6901	0.0000	1.182	1.213	**Left**	HB45	12.00	0.00	4.50	1.99	6.49	18.000	**OK**	0.569	0.608	2.094	1.995		1.213
↑	Grade		2146+20.00	HB45	1595.94	69.02	-2.000%	0.00	1597.33	0.00	-2.000%	0.00	1597.33	HB45	0.0050	1.6822	0.0000	1.150	1.182	**Left**	HB45	12.00	0.00	4.50	1.89	6.39	18.000	**OK**	0.560	0.596	2.074	1.983		1.182
↑	Grade		2146+25.00	HB45	1595.97	69.07	-2.000%	0.00	1597.35	0.00	-2.000%	0.00	1597.35	HB45	0.0050	1.6743	0.0000	1.118	1.150	**Left**	HB45	12.00	0.00	4.50	1.79	6.29	18.000	**OK**	0.551	0.584	2.054	1.970		1.150
↑	Grade		2146+30.00	HB45	1595.99	69.11	-2.000%	0.00	1597.38	0.00	-2.000%	0.00	1597.38	HB45	0.0050	1.6663	0.0000	1.086	1.118	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.542	0.571	2.033	1.957		1.118
↑	Grade		2146+35.00	HB45	1596.02	69.16	-2.000%	0.00	1597.40	0.00	-2.000%	0.00	1597.40	HB45	0.0050	1.6584	0.0000	1.054	1.086	**Left**	HB45	12.00	0.00	4.50	1.59	6.09	18.000	**OK**	0.533	0.559	2.013	1.944		1.086

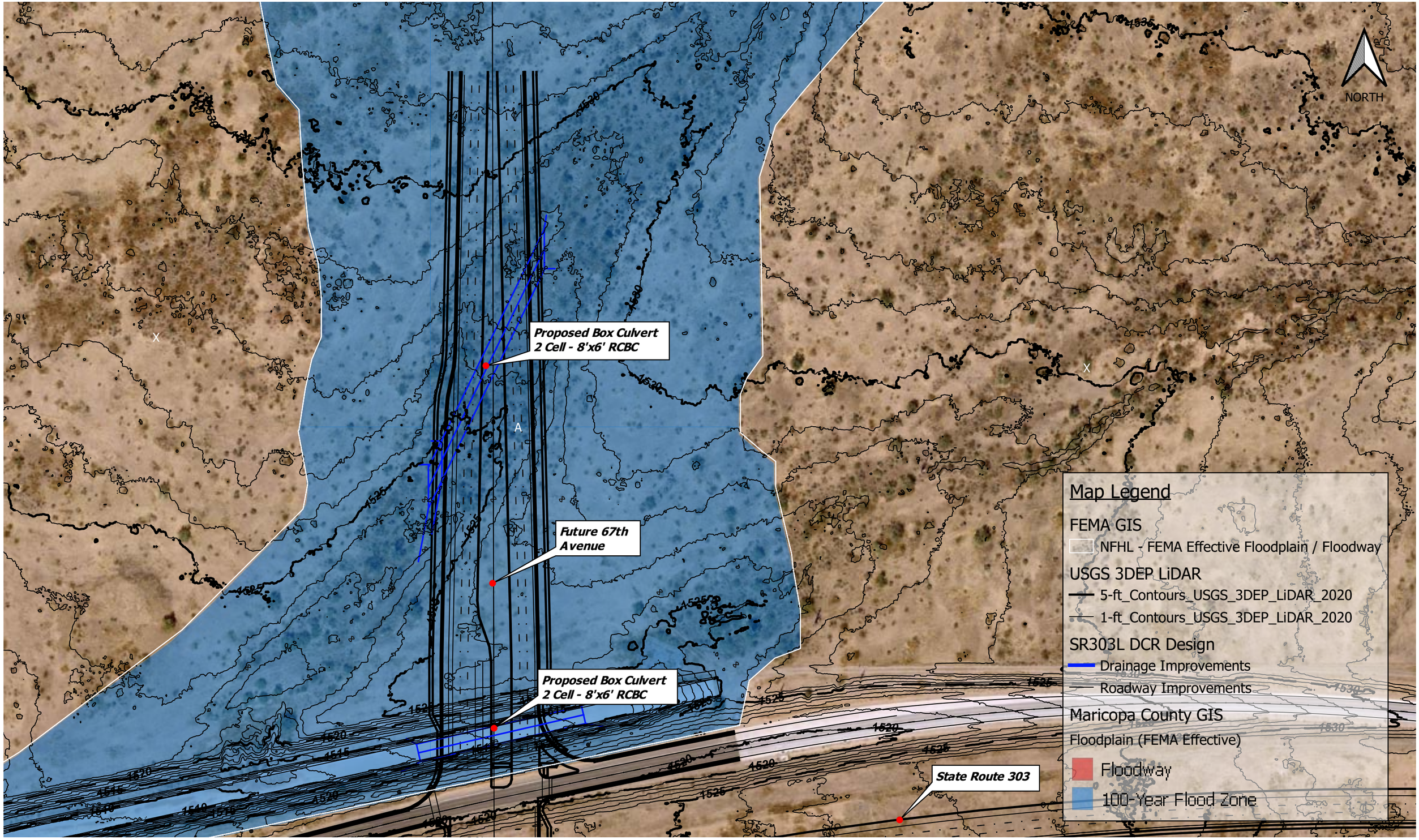
Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2146+40.00	HB45	1596.04	69.21	-2.000%	0.00	1597.43	0.00	-2.000%	0.00	1597.43	HB45	0.0050	1.6505	0.0000	1.023	1.054	**Left**	HB45	12.00	0.00	4.50	1.49	5.99	18.000	**OK**	0.524	0.546	1.991	1.930		1.054
↑	Grade		2146+45.00	HB45	1596.06	69.25	-2.000%	0.00	1597.45	0.00	-2.000%	0.00	1597.45	HB45	0.0050	1.6425	0.0000	0.991	1.023	**Left**	HB45	12.00	0.00	4.50	1.39	5.89	18.000	**OK**	0.515	0.534	1.969	1.915		1.023
↑	Grade		2146+50.00	HB45	1596.09	69.30	-2.000%	0.00	1597.48	0.00	-2.000%	0.00	1597.48	HB45	0.0050	1.6346	0.0000	0.959	0.991	**Left**	HB45	12.00	0.00	4.50	1.28	5.78	18.000	**OK**	0.505	0.522	1.947	1.899		0.991
↑	Grade		2146+55.00	HB45	1596.11	69.34	-2.000%	0.00	1597.50	0.00	-2.000%	0.00	1597.50	HB45	0.0050	1.6266	0.0000	0.927	0.959	**Left**	HB45	12.00	0.00	4.50	1.17	5.67	18.000	**OK**	0.495	0.509	1.924	1.883		0.959
↑	Grade		2146+60.00	HB45	1596.14	69.39	-2.000%	0.00	1597.53	0.00	-2.000%	0.00	1597.53	HB45	0.0050	1.6187	0.0000	0.895	0.927	**Left**	HB45	12.00	0.00	4.50	1.06	5.56	18.000	**OK**	0.486	0.497	1.900	1.866		0.927
↑	Grade		2146+65.00	HB45	1596.16	69.44	-2.000%	0.00	1597.55	0.00	-2.000%	0.00	1597.55	HB45	0.0050	1.6107	0.0000	0.863	0.895	**Left**	HB45	12.00	0.00	4.50	0.95	5.45	18.000	**OK**	0.475	0.484	1.876	1.848		0.895
↑	Grade		2146+70.00	HB45	1596.19	69.48	-2.000%	0.00	1597.58	0.00	-2.000%	0.00	1597.58	HB45	0.0050	1.6028	0.0000	0.831	0.863	**Left**	HB45	12.00	0.00	4.50	0.83	5.33	18.000	**OK**	0.465	0.472	1.852	1.829		0.863
↑	Grade		2146+75.00	HB45	1596.21	69.53	-2.000%	0.00	1597.60	0.00	-2.000%	0.00	1597.60	HB45	0.0050	1.5948	0.0000	0.799	0.831	**Left**	HB45	12.00	0.00	4.50	0.71	5.21	18.000	**OK**	0.454	0.459	1.826	1.809		0.831
↑	Grade		2146+80.00	HB45	1596.23	69.57	-2.000%	0.00	1597.63	0.00	-2.000%	0.00	1597.63	HB45	0.0050	1.5868	0.0000	0.767	0.799	**Left**	HB45	12.00	0.00	4.50	0.59	5.09	18.000	**OK**	0.443	0.447	1.800	1.788		0.799
↑	Grade		2146+85.00	HB45	1596.26	69.62	-2.000%	0.00	1597.65	0.00	-2.000%	0.00	1597.65	HB45	0.0050	1.5788	0.0000	0.735	0.767	**Left**	HB45	12.00	0.00	4.50	0.47	4.97	18.000	**OK**	0.432	0.435	1.773	1.765		0.767
↑	Grade		2146+90.00	HB45	1596.28	69.66	-2.000%	0.00	1597.68	0.00	-2.000%	0.00	1597.68	HB45	0.0050	1.5708	0.0000	0.703	0.735	**Left**	HB45	12.00	0.00	4.50	0.34	4.84	18.000	**OK**	0.421	0.422	1.746	1.741		0.735
↑	Grade		2146+95.00	HB45	1596.31	69.71	-2.000%	0.00	1597.70	0.00	-2.000%	0.00	1597.70	HB45	0.0050	1.5628	0.0000	0.671	0.703	**Left**	HB45	12.00	0.00	4.50	0.21	4.71	18.000	**OK**	0.409	0.410	1.718	1.716		0.703
↑	Grade		2147+00.00	HB45	1596.33	69.76	-2.000%	0.00	1597.73	0.00	-2.000%	0.00	1597.73	HB45	0.0050	1.5548	0.0000	0.639	0.671	**Left**	HB45	12.00	0.00	4.50	0.08	4.58	18.000	**OK**	0.397	0.397	1.689	1.688		0.671
↑	Grade		2147+05.00	HB45	1596.35	69.80	-2.000%	0.00	1597.75	0.00	-2.000%	0.00	1597.75	HB45	0.0050	1.5468	0.0000	0.607	0.639	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.385	0.385	1.659	1.659		0.639
↑	Grade		2147+10.00	HB45	1596.38	69.85	-2.000%	0.00	1597.78	0.00	-2.000%	0.00	1597.78	HB45	0.0050	1.5388	0.0000	0.575	0.607	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	1.628	1.628		0.607
↑	Grade		2147+15.00	HB45	1596.40	69.89	-2.000%	0.00	1597.80	0.00	-2.000%	0.00	1597.80	HB45	0.0050	1.5308	0.0000	0.543	0.575	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.360	0.360	1.597	1.597		0.575
↑	Grade		2147+20.00	HB45	1596.43	69.94	-2.000%	0.00	1597.83	0.00	-2.000%	0.00	1597.83	HB45	0.0050	1.5228	0.0000	0.510	0.543	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.347	0.347	1.565	1.565		0.543
↑	Grade		2147+25.00	HB45	1596.67	59.22	-2.000%	0.00	1597.85	0.00	-2.000%	0.00	1597.85	HB45	0.0050	1.5148	0.0000	0.481	0.510	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.333	0.333	1.531	1.531		0.510
↑	Grade	**3**	2147+30.00	HB45	1596.69	59.30	-2.000%	0.00	1597.88	0.00	-2.000%	0.00	1597.88	HB45	0.0050	1.5074	0.0000	3.143	3.170	**Left**	HB45	12.00	0.00	4.50	6.12	10.62	18.000	**OK**	0.941	1.315	2.885	2.411	3	3.170
↑	Grade		2147+35.00	HB45	1596.71	59.37	-2.000%	0.00	1597.90	0.00	-2.000%	0.00	1597.90	HB45	0.0050	1.5006	0.0000	3.116	3.143	**Left**	HB45	12.00	0.00	4.50	6.07	10.57	18.000	**OK**	0.937	1.306	2.877	2.407		3.143
↑	Grade		2147+40.00	HB45	1596.74	59.45	-2.000%	0.00	1597.93	0.00	-2.000%	0.00	1597.93	HB45	0.0050	1.4937	0.0000	3.088	3.116	**Left**	HB45	12.00	0.00	4.50	6.03	10.53	18.000	**OK**	0.933	1.296	2.870	2.404		3.116
↑	Grade		2147+45.00	HB45	1596.76	59.52	-2.000%	0.00	1597.95	0.00	-2.000%	0.00	1597.95	HB45	0.0050	1.4869	0.0000	3.061	3.088	**Left**	HB45	12.00	0.00	4.50	5.99	10.49	18.000	**OK**	0.929	1.287	2.862	2.400		3.088
↑	Grade		2147+50.00	HB45	1596.78	59.60	-2.000%	0.00	1597.98	0.00	-2.000%	0.00	1597.98	HB45	0.0050	1.4801	0.0000	3.034	3.061	**Left**	HB45	12.00	0.00	4.50	5.94	10.44	18.000	**OK**	0.925	1.278	2.854	2.396		3.061
↑	Grade		2147+55.00	HB45	1596.81	59.68	-2.000%	0.00	1598.00	0.00	-2.000%	0.00	1598.00	HB45	0.0050	1.4733	0.0000	3.006	3.034	**Left**	HB45	12.00	0.00	4.50	5.90	10.40	18.000	**OK**	0.921	1.268	2.846	2.392		3.034
↑	Grade		2147+60.00	HB45	1596.83	59.75	-2.000%	0.00	1598.03	0.00	-2.000%	0.00	1598.03	HB45	0.0050	1.4664	0.0000	2.979	3.006	**Left**	HB45	12.00	0.00	4.50	5.85	10.35	18.000	**OK**	0.917	1.259	2.837	2.388		3.006
↑	Grade		2147+65.00	HB45	1596.85	59.83	-2.000%	0.00	1598.05	0.00	-2.000%	0.00	1598.05	HB45	0.0050	1.4596	0.0000	2.951	2.979	**Left**	HB45	12.00	0.00	4.50	5.81	10.31	18.000	**OK**	0.913	1.250	2.829	2.384		2.979
↑	Grade		2147+70.00	HB45	1596.88	59.90	-2.000%	0.00	1598.08	0.00	-2.000%	0.00	1598.08	HB45	0.0050	1.4527	0.0000	2.924	2.951	**Left**	HB45	12.00	0.00	4.50	5.76	10.26	18.000	**OK**	0.908	1.240	2.821	2.380		2.951
↑	Grade		2147+75.00	HB45	1596.90	59.98	-2.000%	0.00	1598.10	0.00	-2.000%	0.00	1598.10	HB45	0.0050	1.4458	0.0000	2.896	2.924	**Left**	HB45	12.00	0.00	4.50	5.71	10.21	18.000	**OK**	0.904	1.231	2.812	2.376		2.924
↑	Grade		2147+80.00	HB45	1596.92	60.06	-2.000%	0.00	1598.13	0.00	-2.000%	0.00	1598.13	HB45	0.0050	1.4389	0.0000	2.868	2.896	**Left**	HB45	12.00	0.00	4.50	5.67	10.17	18.000	**OK**	0.900	1.221	2.804	2.371		2.896
↑	Grade		2147+85.00	HB45	1596.95	60.13	-2.000%	0.00	1598.15	0.00	-2.000%	0.00	1598.15	HB45	0.0050	1.4321	0.0000	2.841	2.868	**Left**	HB45	12.00	0.00	4.50	5.62	10.12	18.000	**OK**	0.896	1.212	2.795	2.367		2.868
↑	Grade		2147+90.00	HB45	1596.97	60.21	-2.000%	0.00	1598.18	0.00	-2.000%	0.00	1598.18	HB45	0.0050	1.4252	0.0000	2.813	2.841	**Left**	HB45	12.00	0.00	4.50	5.57	10.07	18.000	**OK**	0.892	1.202	2.787	2.363		2.841
↑	Grade		2147+95.00	HB45	1596.99	60.28	-2.000%	0.00	1598.20	0.00	-2.000%	0.00	1598.20	HB45	0.0050	1.4182	0.0000	2.785	2.813	**Left**	HB45	12.00	0.00	4.50	5.53	10.03	18.000	**OK**	0.887	1.193	2.778	2.359		2.813
↑	Grade		2148+00.00	HB45	1597.02	60.36	-2.000%	0.00	1598.23	0.00	-2.000%	0.00	1598.23	HB45	0.0050	1.4113	0.0000	2.758	2.785	**Left**	HB45	12.00	0.00	4.50	5.48	9.98	18.000	**OK**	0.883	1.183	2.769	2.355		2.785
↑	Grade		2148+05.00	HB45	1597.04	60.44	-2.000%	0.00	1598.25	0.00	-2.000%	0.00	1598.25	HB45	0.0050	1.4044	0.0000	2.730	2.758	**Left**	HB45	12.00	0.00	4.50	5.43	9.93	18.000	**OK**	0.879	1.173	2.761	2.350		2.758
↑	Grade		2148+10.00	HB45	1597.06	60.51	-2.000%	0.00	1598.28	0.00	-2.000%	0.00	1598.28	HB45	0.0050	1.3975	0.0000	2.702	2.730	**Left**	HB45	12.00	0.00	4.50	5.38	9.88	18.000	**OK**	0.874	1.164	2.752	2.346		2.730
↑	Grade		2148+15.00	HB45	1597.09	60.59	-2.000%	0.00	1598.30	0.00	-2.000%	0.00	1598.30	HB45	0.0050	1.3905	0.0000	2.674	2.702	**Left**	HB45	12.00	0.00	4.50	5.33	9.83	18.000	**OK**	0.870	1.154	2.743	2.341		2.702
↑	Grade		2148+20.00	HB45	1597.11	60.66	-2.000%	0.00	1598.33	0.00	-2.000%	0.00	1598.33	HB45	0.0050	1.3836	0.0000	2.646	2.674	**Left**	HB45	12.00	0.00	4.50	5.28	9.78	18.000	**OK**	0.865	1.144	2.734	2.337		2.674
↑	Grade		2148+25.00	HB45	1597.14	60.74	-2.000%	0.00	1598.35	0.00	-2.000%	0.00	1598.35	HB45	0.0050	1.3766	0.0000	2.618	2.646	**Left**	HB45	12.00	0.00	4.50	5.23	9.73	18.000	**OK**	0.861	1.135	2.724	2.332		2.646
↑	Grade		2148+30.00	HB45	1597.16	60.82	-2.000%	0.00	1598.38	0.00	-2.000%	0.00	1598.38	HB45	0.0050	1.3697	0.0000	2.590	2.618	**Left**	HB45	12.00	0.00	4.50	5.18	9.68	18.000	**OK**	0.856	1.125	2.715	2.328		2.618
↑	Grade		2148+35.00	HB45	1597.18	60.89	-2.000%	0.00	1598.40	0.00	-2.000%	0.00	1598.40	HB45	0.0050	1.3627	0.0000	2.562	2.590	**Left**	HB45	12.00	0.00	4.50	5.13	9.63	18.000	**OK**	0.852	1.115	2.706	2.323		2.590
↑	Grade		2148+40.00	HB45	1597.21	60.97	-2.000%	0.00	1598.43	0.00	-2.000%	0.00	1598.43	HB45	0.0050	1.3557	0.0000	2.534	2.562	**Left**	HB45	12.00	0.00	4.50	5.08	9.58	18.000	**OK**	0.847	1.105	2.696	2.318		2.562
↑	Grade		2148+45.00	HB45	1597.23	61.04	-2.000%	0.00	1598.45	0.00	-2.000%	0.00	1598.45	HB45	0.0050	1.3487	0.0000	2.506	2.534	**Left**	HB45	12.00	0.00	4.50	5.03	9.53	18.000	**OK**	0.843	1.095	2.687	2.314		2.534
↑	Grade		2148+50.00	HB45	1597.25	61.12	-2.000%	0.00	1598.48	0.00	-2.000%	0.00	1598.48	HB45	0.0050	1.3417	0.0000	2.478	2.506	**Left**	HB45	12.00	0.00	4.50	4.98	9.48	18.000	**OK**	0.838	1.085	2.677	2.309		2.506
↑	Grade		2148+55.00	HB45	1597.28	61.20	-2.000%	0.00	1598.50	0.00	-2.000%	0.00	1598.50	HB45	0.0050	1.3347	0.0000	2.450	2.478	**Left**	HB45	12.00	0.00	4.50	4.92	9.42	18.000	**OK**	0.833	1.076	2.667	2.304		2.478
↑	Grade		2148+60.00	HB45	1597.30	61.27	-2.000%	0.00	1598.53	0.00	-2.000%	0.00	1598.53	HB45	0.0050	1.3277	0.0000	2.422	2.450	**Left**	HB45	12.00	0.00	4.50	4.87	9.37	18.000	**OK**	0.828	1.066	2.658	2.299		2.450
↑	Grade		2148+65.00	HB45	1597.32	61.35	-2.000%	0.00	1598.55	0.00	-2.000%	0.00	1598.55	HB45	0.0050	1.3206	0.0000	2.394	2.422	**Left**	HB45	12.00	0.00	4.50	4.82	9.32	18.000	**OK**	0.824	1.056	2.648	2.294		2.422
↑	Grade		2148+70.00	HB45	1597.35	61.42	-2.000%	0.00	1598.58	0.00	-2.000%	0.00	1598.58	HB45	0.0050	1.3136	0.0000	2.365	2.394	**Left**	HB45	12.00	0.00	4.50	4.76	9.26	18.000	**OK**	0.819	1.046	2.638	2.289		2.394
↑	Grade		2148+75.00	HB45	1597.37	61.50	-2.000%	0.00	1598.60	0.00	-2.000%	0.00	1598.60	HB45	0.0050	1.3066	0.0000	2.337	2.365	**Left**	HB45	12.00	0.00	4.50	4.71	9.21	18.000	**OK**	0.814	1.036	2.627	2.284		2.365
↑	Grade		2148+80.00	HB45	1597.39	61.58	-2.000%	0.00	1598.63	0.00	-2.000%	0.00	1598.63	HB45	0.0050	1.2995	0.0000	2.309	2.337	**Left**	HB45	12.00	0.00	4.50	4.65	9.15	18.000	**OK**	0.809	1.025	2.617	2.279		2.337
↑	Grade		2148+85.00	HB45	1597.42	61.65	-2.000%	0.00	1598.65	0.00	-2.000%	0.00	1598.65	HB45	0.0050	1.2924	0.0000	2.280	2.309	**Left**	HB45	12.00	0.00	4.50	4.60	9.10	18.000	**OK**	0.804	1.015	2.607	2.274		2.309
↑	Grade		2148+90.00	HB45	1597.44	61.73	-2.000%	0.00	1598.68	0.00	-2.000%	0.00	1598.68	HB45	0.0050	1.2854	0.0000	2.252	2.280	**Left**	HB45	12.00	0.00	4.50	4.54	9.04	18.000	**OK**	0.799	1.005	2.596	2.269		2.280
↑	Grade		2148+95.00	HB45	1597.46	61.80	-2.000%	0.00	1598.70	0.00	-2.000%	0.00	1598.70	HB45	0.0050	1.2783	0.0000	2.224	2.252	**Left**	HB45	12.00	0.00	4.50	4.49	8.99	18.000	**OK**	0.794	0.995	2.586	2.263		2.252
↑	Grade		2149+00.00	HB45	1597.49	61.88	-2.000%	0.00	1598.73	0.00	-2.000%	0.00	1598.73	HB45	0.0050	1.2712	0.0000	2.195	2.224	**Left**	HB45	12.00	0.00	4.50	4.43	8.93	18.000	**OK**	0.789	0.985	2.575	2.258		2.224
↑	Grade		2149+05.00	HB45	1597.51	61.96	-2.000%	0.00	1598.75	0.00	-2.000%	0.00	1598.75	HB45	0.0050	1.2641	0.0000	2.167	2.195	**Left**	HB45	12.00	0.00	4.50	4.37	8.87	18.000	**OK**	0.783	0.975	2.564	2.252		2.195
↑	Grade		2149+10.00	HB45	1597.53	62.03	-2.000%	0.00	1598.78	0.00	-2.000%	0.00	1598.78	HB45	0.0050	1.2570	0.0000	2.138	2.167	**Left**	HB45	12.00	0.00	4.50	4.31	8.81	18.000	**OK**	0.778	0.964	2.553	2.247		2.167
↑	Grade		2149+15.00	HB45	1597.56	62.11	-2.000%	0.00	1598.80	0.00	-2.000%	0.00	1598.80	HB45	0.0050	1.2499	0.0000	2.110	2.138	**Left**	HB45	12.00	0.00	4.50	4.25	8.75	18.000	**OK**	0.773	0.954	2.542	2.241		2.138
↑	Grade		2149+20.00	HB45	1597.58	62.18	-2.000%	0.00	1598.83	0.00	-2.000%	0.00	1598.83	HB45	0.0050	1.2427	0.0000	2.081	2.110	**Left**	HB45	12.00	0.00	4.50	4.20	8.70	18.000	**OK**	0.768	0.944	2.531	2.235		2.110
↑	Grade		2149+25.00	HB45	1597.60	62.26	-2.000%	0.00	1598.85	0.00	-2.000%	0.00	1598.85	HB45	0.0050	1.2356	0.0000	2.052	2.081	**Left**	HB45	12.00	0.00	4.50	4.14	8.64	18.000	**OK**	0.762	0.933	2.519	2.230		2.081
↑	Grade		2149+30.00	HB45	1597.63	62.34	-2.000%	0.00	1598.88	0.00	-2.000%	0.00	1598.88	HB45	0.0050	1.2285	0.0000	2.024	2.052	**Left**	HB45	12.00	0.00	4.50	4.08	8.58	18.000	**OK**	0.757	0.923	2.508	2.224		2.052
↑	Grade		2149+35.00	HB45	1597.65	62.41	-2.000%	0.00	1598.90	0.00	-2.000%	0.00	1598.90	HB45	0.0050	1.2213	0.0000	1.995	2.024	**Left**	HB45	12.00	0.00	4.50	4.01	8.51	18.000	**OK**	0.751	0.912	2.496	2.218		2.024
↑	Grade		2149+40.00	HB45	1597.68	62.49	-2.000%	0.00	1598.93	0.00	-2.000%	0.00	1598.93	HB45	0.0050	1.2142	0.0000	1.966	1.995	**Left**	HB45	12.00	0.00	4.50	3.95	8.45	18.000	**OK**	0.746	0.902	2.484	2.212		1.995
↑	Grade		2149+45.00	HB45	1597.70	62.56	-2.000%	0.00	1598.95	0.00	-2.000%	0.00	1598.95	HB45	0.0050	1.2070	0.0000	1.937	1.966	**Left**	HB45	12.00	0.00	4.50	3.89	8.39	18.000	**OK**	0.740	0.891	2.472	2.206		1.966
↑	Grade		2149+50.00	HB45	1597.72	62.64	-2.000%	0.00	1598.98	0.00	-2.000%	0.00	1598.98	HB45	0.0050	1.1998	0.0000	1.909	1.937	**Left**	HB45	12.00	0.00	4.50	3.83	8.33	18.000	**OK**	0.734	0.881	2.460	2.199		1.937
↑	Grade		2149+55.00	HB45	1597.75	62.72	-2.000%	0.00	1599.00	0.00	-2.000%	0.00	1599.00	HB45	0.0050	1.1926	0.0000	1.880	1.909	**Left**	HB45	12.00	0.00	4.50	3.76	8.26	18.000	**OK**	0.729	0.870	2.448	2.193		1.909
↑	Grade		2149+60.00	HB45	1597.77	62.79	-2.000%	0.00	1599.03	0.00	-2.000%	0.00	1599.03	HB45	0.0050	1.1854	0.0000	1.851	1.880	**Left**	HB45	12.00	0.00	4.50	3.70	8.20	18.000	**OK**	0.723	0.860	2.435	2.187		1.880
↑	Grade		2149+65.00	HB45	1597.79	62.87	-2.000%	0.00	1599.05	0.00	-2.000%	0.00	1599.05	HB45	0.0050	1.1782	0.0000	1.822	1.851	**Left**	HB45	12.00	0.00	4.50	3.63	8.13	18.000	**OK**	0.717	0.849	2.423	2.180		1.851
↑	Grade		2149+70.00	HB45	1597.82	62.94	-2.000%	0.00	1599.08	0.00	-2.000%	0.00	1599.08	HB45	0.0050	1.1710	0.0000	1.793	1.822	**Left**	HB45	12.00	0.00	4.50	3.57	8.07	18.000	**OK**	0.711	0.838	2.410	2.173		1.822
↑	Grade		2149+75.00	HB45	1597.84	63.02	-2.000%	0.00	1599.10	0.00	-2.000%	0.00	1599.10	HB45	0.0050	1.1638	0.0000	1.764	1.793	**Left**	HB45	12.00	0.00	4.50	3.50	8.00	18.000	**OK**	0.705	0.828	2.397	2.166		1.793
↑	Grade		2149+80.00	HB45	1597.86	63.10	-2.000%	0.00	1599.13	0.00	-2.000%	0.00	1599.13	HB45	0.0050	1.1566	0.0000	1.735	1.764	**Left**	HB45	12.00	0.00	4.50	3.43	7.93	18.000	**OK**	0.699	0.817	2.384	2.159		1.764
↑	Grade		2149+85.00	HB45	1597.89	63.17	-2.000%	0.00	1599.15	0.00	-2.000%	0.00	1599.15	HB45	0.0050	1.1493	0.0000	1.706	1.735	**Left**	HB45	12.00	0.00	4.50	3.36	7.86	18.000	**OK**	0.693	0.806	2.370	2.152		1.735
↑	Grade		2149+90.00	HB45	1597.91	63.25	-2.000%	0.00	1599.18	0.00	-2.000%	0.00	1599.18	HB45	0.0050	1.1421	0.0000	1.677	1.706	**Left**	HB45	12.00	0.00	4.50	3.30	7.80	18.000	**OK**	0.687	0.795	2.357	2.145		1.706
↑	Grade		2149+95.00	HB45	1597.93	63.32	-2.000%	0.00	1599.20	0.00	-2.000%	0.00	1599.20	HB45	0.0050	1.1348	0.0000	1.648	1.677	**Left**	HB45	12.00	0.00	4.50	3.23	7.73	18.000	**OK**	0.680	0.784	2.343	2.138		1.677
↑	Grade		2150+00.00	HB45	1597.96	63.40	-2.000%	0.00	1599.23	0.00	-2.000%	0.00	1599.23	HB45	0.0050	1.1276	0.0000	1.619	1.648	**Left**	HB45	12.00	0.00	4.50	3.15	7.65	18.000	**OK**	0.674	0.773	2.329	2.130		1.648
↑	Grade		2150+05.00	HB45	1597.98	63.48	-2.000%	0.00	1599.25	0.00	-2.000%	0.00	1599.25	HB45	0.0050	1.1203	0.0000	1.589	1.619	**Left**	HB45	12.00	0.00	4.50	3.08	7.58	18.000	**OK**	0.668	0.763	2.315	2.123		1.619

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2150+10.00	HB45	1598.00	63.55	-2.000%	0.00	1599.28	0.00	-2.000%	0.00	1599.28	HB45	0.0050	1.1130	0.0000	1.560	1.589	**Left**	HB45	12.00	0.00	4.50	3.01	7.51	18.000	**OK**	0.661	0.752	2.301	2.115		1.589
↑	Grade		2150+15.00	HB45	1598.03	63.63	-2.000%	0.00	1599.30	0.00	-2.000%	0.00	1599.30	HB45	0.0050	1.1057	0.0000	1.531	1.560	**Left**	HB45	12.00	0.00	4.50	2.94	7.44	18.000	**OK**	0.654	0.741	2.286	2.107		1.560
↑	Grade		2150+20.00	HB45	1598.05	63.70	-2.000%	0.00	1599.33	0.00	-2.000%	0.00	1599.33	HB45	0.0050	1.0984	0.0000	1.502	1.531	**Left**	HB45	12.00	0.00	4.50	2.86	7.36	18.000	**OK**	0.648	0.730	2.271	2.099		1.531
↑	Grade		2150+25.00	HB45	1598.07	63.78	-2.000%	0.00	1599.35	0.00	-2.000%	0.00	1599.35	HB45	0.0050	1.0911	0.0000	1.472	1.502	**Left**	HB45	12.00	0.00	4.50	2.79	7.29	18.000	**OK**	0.641	0.718	2.256	2.090		1.502
↑	Grade		2150+30.00	HB45	1598.10	63.86	-2.000%	0.00	1599.38	0.00	-2.000%	0.00	1599.38	HB45	0.0050	1.0838	0.0000	1.443	1.472	**Left**	HB45	12.00	0.00	4.50	2.71	7.21	18.000	**OK**	0.634	0.707	2.241	2.082		1.472
↑	Grade		2150+35.00	HB45	1598.12	63.93	-2.000%	0.00	1599.40	0.00	-2.000%	0.00	1599.40	HB45	0.0050	1.0765	0.0000	1.414	1.443	**Left**	HB45	12.00	0.00	4.50	2.63	7.13	18.000	**OK**	0.627	0.696	2.225	2.073		1.443
↑	Grade		2150+40.00	HB45	1598.14	64.01	-2.000%	0.00	1599.43	0.00	-2.000%	0.00	1599.43	HB45	0.0050	1.0691	0.0000	1.384	1.414	**Left**	HB45	12.00	0.00	4.50	2.55	7.05	18.000	**OK**	0.620	0.685	2.209	2.064		1.414
↑	Grade		2150+45.00	HB45	1598.17	64.08	-2.000%	0.00	1599.45	0.00	-2.000%	0.00	1599.45	HB45	0.0050	1.0618	0.0000	1.355	1.384	**Left**	HB45	12.00	0.00	4.50	2.47	6.97	18.000	**OK**	0.613	0.674	2.193	2.054		1.384
↑	Grade		2150+50.00	HB45	1598.19	64.16	-2.000%	0.00	1599.48	0.00	-2.000%	0.00	1599.48	HB45	0.0050	1.0544	0.0000	1.325	1.355	**Left**	HB45	12.00	0.00	4.50	2.39	6.89	18.000	**OK**	0.605	0.662	2.177	2.045		1.355
↑	Grade		2150+55.00	HB45	1598.22	64.24	-2.000%	0.00	1599.50	0.00	-2.000%	0.00	1599.50	HB45	0.0050	1.0471	0.0000	1.296	1.325	**Left**	HB45	12.00	0.00	4.50	2.31	6.81	18.000	**OK**	0.598	0.651	2.160	2.035		1.325
↑	Grade		2150+60.00	HB45	1598.24	64.31	-2.000%	0.00	1599.53	0.00	-2.000%	0.00	1599.53	HB45	0.0050	1.0397	0.0000	1.266	1.296	**Left**	HB45	12.00	0.00	4.50	2.23	6.73	18.000	**OK**	0.590	0.640	2.143	2.025		1.296
↑	Grade		2150+65.00	HB45	1598.26	64.39	-2.000%	0.00	1599.55	0.00	-2.000%	0.00	1599.55	HB45	0.0050	1.0323	0.0000	1.236	1.266	**Left**	HB45	12.00	0.00	4.50	2.14	6.64	18.000	**OK**	0.583	0.628	2.125	2.015		1.266
↑	Grade		2150+70.00	HB45	1598.29	64.46	-2.000%	0.00	1599.58	0.00	-2.000%	0.00	1599.58	HB45	0.0050	1.0250	0.0000	1.207	1.236	**Left**	HB45	12.00	0.00	4.50	2.05	6.55	18.000	**OK**	0.575	0.617	2.108	2.004		1.236
↑	Grade		2150+75.00	HB45	1598.31	64.54	-2.000%	0.00	1599.60	0.00	-2.000%	0.00	1599.60	HB45	0.0050	1.0176	0.0000	1.177	1.207	**Left**	HB45	12.00	0.00	4.50	1.97	6.47	18.000	**OK**	0.567	0.606	2.090	1.993		1.207
↑	Grade		2150+80.00	HB45	1598.33	64.62	-2.000%	0.00	1599.63	0.00	-2.000%	0.00	1599.63	HB45	0.0050	1.0102	0.0000	1.147	1.177	**Left**	HB45	12.00	0.00	4.50	1.88	6.38	18.000	**OK**	0.559	0.594	2.071	1.981		1.177
↑	Grade		2150+85.00	HB45	1598.36	64.69	-2.000%	0.00	1599.65	0.00	-2.000%	0.00	1599.65	HB45	0.0050	1.0027	0.0000	1.118	1.147	**Left**	HB45	12.00	0.00	4.50	1.79	6.29	18.000	**OK**	0.551	0.583	2.052	1.969		1.147
↑	Grade		2150+90.00	HB45	1598.38	64.77	-2.000%	0.00	1599.68	0.00	-2.000%	0.00	1599.68	HB45	0.0050	0.9953	0.0000	1.088	1.118	**Left**	HB45	12.00	0.00	4.50	1.69	6.19	18.000	**OK**	0.542	0.571	2.033	1.957		1.118
↑	Grade		2150+95.00	HB45	1598.40	64.84	-2.000%	0.00	1599.70	0.00	-2.000%	0.00	1599.70	HB45	0.0050	0.9879	0.0000	1.058	1.088	**Left**	HB45	12.00	0.00	4.50	1.60	6.10	18.000	**OK**	0.534	0.559	2.014	1.944		1.088
↑	Grade		2151+00.00	HB45	1598.43	64.92	-2.000%	0.00	1599.73	0.00	-2.000%	0.00	1599.73	HB45	0.0050	0.9805	0.0000	1.028	1.058	**Left**	HB45	12.00	0.00	4.50	1.50	6.00	18.000	**OK**	0.525	0.548	1.994	1.931		1.058
↑	Grade		2151+05.00	HB45	1598.45	65.00	-2.000%	0.00	1599.75	0.00	-2.000%	0.00	1599.75	HB45	0.0050	0.9730	0.0000	0.998	1.028	**Left**	HB45	12.00	0.00	4.50	1.41	5.91	18.000	**OK**	0.516	0.536	1.973	1.917		1.028
↑	Grade		2151+10.00	HB45	1598.47	65.07	-2.000%	0.00	1599.78	0.00	-2.000%	0.00	1599.78	HB45	0.0050	0.9655	0.0000	0.968	0.998	**Left**	HB45	12.00	0.00	4.50	1.31	5.81	18.000	**OK**	0.508	0.525	1.952	1.903		0.998
↑	Grade		2151+15.00	HB45	1598.50	65.15	-2.000%	0.00	1599.80	0.00	-2.000%	0.00	1599.80	HB45	0.0050	0.9581	0.0000	0.938	0.968	**Left**	HB45	12.00	0.00	4.50	1.20	5.70	18.000	**OK**	0.498	0.513	1.931	1.888		0.968
↑	Grade		2151+20.00	HB45	1598.52	65.22	-2.000%	0.00	1599.83	0.00	-2.000%	0.00	1599.83	HB45	0.0050	0.9506	0.0000	0.908	0.938	**Left**	HB45	12.00	0.00	4.50	1.10	5.60	18.000	**OK**	0.489	0.501	1.909	1.872		0.938
↑	Grade		2151+25.00	HB45	1598.54	65.30	-2.000%	0.00	1599.85	0.00	-2.000%	0.00	1599.85	HB45	0.0050	0.9431	0.0000	0.878	0.908	**Left**	HB45	12.00	0.00	4.50	1.00	5.50	18.000	**OK**	0.480	0.490	1.886	1.856		0.908
↑	Grade		2151+30.00	HB45	1598.57	65.38	-2.000%	0.00	1599.88	0.00	-2.000%	0.00	1599.88	HB45	0.0050	0.9356	0.0000	0.848	0.878	**Left**	HB45	12.00	0.00	4.50	0.89	5.39	18.000	**OK**	0.470	0.478	1.863	1.838		0.878
↑	Grade		2151+35.00	HB45	1598.59	65.45	-2.000%	0.00	1599.90	0.00	-2.000%	0.00	1599.90	HB45	0.0050	0.9281	0.0000	0.818	0.848	**Left**	HB45	12.00	0.00	4.50	0.78	5.28	18.000	**OK**	0.460	0.466	1.840	1.820		0.848
↑	Grade		2151+40.00	HB45	1598.61	65.53	-2.000%	0.00	1599.93	0.00	-2.000%	0.00	1599.93	HB45	0.0050	0.9206	0.0000	0.788	0.818	**Left**	HB45	12.00	0.00	4.50	0.67	5.17	18.000	**OK**	0.450	0.454	1.816	1.801		0.818
↑	Grade		2151+45.00	HB45	1598.64	65.60	-2.000%	0.00	1599.95	0.00	-2.000%	0.00	1599.95	HB45	0.0050	0.9131	0.0000	0.758	0.788	**Left**	HB45	12.00	0.00	4.50	0.55	5.05	18.000	**OK**	0.440	0.443	1.791	1.780		0.788
↑	Grade		2151+50.00	HB45	1598.66	65.68	-2.000%	0.00	1599.98	0.00	-2.000%	0.00	1599.98	HB45	0.0050	0.9056	0.0000	0.728	0.758	**Left**	HB45	12.00	0.00	4.50	0.43	4.93	18.000	**OK**	0.429	0.431	1.765	1.759		0.758
↑	Grade		2151+55.00	HB45	1598.68	65.76	-2.000%	0.00	1600.00	0.00	-2.000%	0.00	1600.00	HB45	0.0050	0.8980	0.0000	0.697	0.728	**Left**	HB45	12.00	0.00	4.50	0.31	4.81	18.000	**OK**	0.418	0.419	1.739	1.736		0.728
↑	Grade		2151+60.00	HB45	1598.71	65.83	-2.000%	0.00	1600.03	0.00	-2.000%	0.00	1600.03	HB45	0.0050	0.8905	0.0000	0.667	0.697	**Left**	HB45	12.00	0.00	4.50	0.19	4.69	18.000	**OK**	0.407	0.408	1.713	1.711		0.697
↑	Grade		2151+65.00	HB45	1598.73	65.91	-2.000%	0.00	1600.05	0.00	-2.000%	0.00	1600.05	HB45	0.0050	0.8830	0.0000	0.637	0.667	**Left**	HB45	12.00	0.00	4.50	0.07	4.57	18.000	**OK**	0.396	0.396	1.685	1.685		0.667
↑	Grade		2151+70.00	HB45	1598.76	65.98	-2.000%	0.00	1600.08	0.00	-2.000%	0.00	1600.08	HB45	0.0050	0.8754	0.0000	0.606	0.637	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.384	0.384	1.657	1.657		0.637
↑	Grade		2151+75.00	HB45	1598.78	66.06	-2.000%	0.00	1600.10	0.00	-2.000%	0.00	1600.10	HB45	0.0050	0.8678	0.0000	0.576	0.606	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	1.628	1.628		0.606
↑	Grade		2151+80.00	HB45	1598.80	66.14	-2.000%	0.00	1600.13	0.00	-2.000%	0.00	1600.13	HB45	0.0050	0.8602	0.0000	0.546	0.576	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.360	0.360	1.598	1.598		0.576
↑	Grade		2151+85.00	HB45	1598.83	66.21	-2.000%	0.00	1600.15	0.00	-2.000%	0.00	1600.15	HB45	0.0050	0.8527	0.0000	0.515	0.546	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.348	0.348	1.568	1.568		0.546
↑	Grade		2151+90.00	HB45	1598.85	66.29	-2.000%	0.00	1600.18	0.00	-2.000%	0.00	1600.18	HB45	0.0050	0.8451	0.0000	0.485	0.515	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.335	0.335	1.536	1.536		0.515
↑	Grade		2151+95.00	HB45	1598.87	66.36	-2.000%	0.00	1600.20	0.00	-2.000%	0.00	1600.20	HB45	0.0050	0.8375	0.0000	0.454	0.485	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.322	0.322	1.504	1.504		0.485
↑	Grade		2152+00.00	HB45	1598.90	66.44	-2.000%	0.00	1600.23	0.00	-2.000%	0.00	1600.23	HB45	0.0050	0.8298	0.0000	0.424	0.454	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.309	0.309	1.471	1.471		0.454
↑	Grade		2152+05.00	HB45	1598.92	66.52	-2.000%	0.00	1600.25	0.00	-2.000%	0.00	1600.25	HB45	0.0050	0.8222	0.0000	0.393	0.424	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.295	0.295	1.437	1.437		0.424
↑	Grade		2152+10.00	HB45	1598.94	66.59	-2.000%	0.00	1600.28	0.00	-2.000%	0.00	1600.28	HB45	0.0050	0.8146	0.0000	0.362	0.393	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.280	0.280	1.402	1.402		0.393
↑	Grade		2152+15.00	HB45	1598.97	66.67	-2.000%	0.00	1600.30	0.00	-2.000%	0.00	1600.30	HB45	0.0050	0.8070	0.0000	0.332	0.362	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.265	0.265	1.365	1.365		0.362
↑	Grade		2152+20.00	HB45	1598.99	66.74	-2.000%	0.00	1600.33	0.00	-2.000%	0.00	1600.33	HB45	0.0050	0.7993	0.0000	0.301	0.332	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.250	0.250	1.328	1.328		0.332
↑	Grade		2152+25.00	HB45	1599.01	66.82	-2.000%	0.00	1600.35	0.00	-2.000%	0.00	1600.35	HB45	0.0050	0.7916	0.0000	0.270	0.301	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.233	0.233	1.290	1.290		0.301
↑	Grade		2152+30.00	HB45	1599.04	66.90	-2.000%	0.00	1600.38	0.00	-2.000%	0.00	1600.38	HB45	0.0050	0.7840	0.0000	0.240	0.270	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.216	0.216	1.252	1.252		0.270
↑	Grade		2152+35.00	HB45	1599.06	66.97	-2.000%	0.00	1600.40	0.00	-2.000%	0.00	1600.40	HB45	0.0050	0.7763	0.0000	0.209	0.240	**Left**	HB45	12.00	0.00	4.44	0.00	4.44	18.000	**OK**	0.197	0.197	1.213	1.213		0.240
↑	Grade	**3**	2152+40.00	HB45	1599.08	67.05	-2.000%	0.00	1600.43	0.00	-2.000%	0.00	1600.43	HB45	0.0050	0.7686	0.0000	2.205	2.236	**Left**	HB45	12.00	0.00	4.50	4.45	8.95	18.000	**OK**	0.791	0.989	2.580	2.260	3	2.236
↑	Grade		2152+45.00	HB45	1599.11	67.12	-2.000%	0.00	1600.45	0.00	-2.000%	0.00	1600.45	HB45	0.0050	0.7609	0.0000	2.175	2.205	**Left**	HB45	12.00	0.00	4.50	4.39	8.89	18.000	**OK**	0.785	0.978	2.568	2.254		2.205
↑	Grade		2152+50.00	HB45	1599.13	67.20	-2.000%	0.00	1600.48	0.00	-2.000%	0.00	1600.48	HB45	0.0050	0.7532	0.0000	2.144	2.175	**Left**	HB45	12.00	0.00	4.50	4.33	8.83	18.000	**OK**	0.780	0.967	2.556	2.248		2.175
↑	Grade		2152+55.00	HB45	1599.15	67.28	-2.000%	0.00	1600.50	0.00	-2.000%	0.00	1600.50	HB45	0.0050	0.7455	0.0000	2.113	2.144	**Left**	HB45	12.00	0.00	4.50	4.27	8.77	18.000	**OK**	0.774	0.956	2.544	2.242		2.144
↑	Grade		2152+60.00	HB45	1599.18	67.35	-2.000%	0.00	1600.53	0.00	-2.000%	0.00	1600.53	HB45	0.0050	0.7378	0.0000	2.082	2.113	**Left**	HB45	12.00	0.00	4.50	4.20	8.70	18.000	**OK**	0.768	0.945	2.532	2.236		2.113
↑	Grade		2152+65.00	HB45	1599.20	67.43	-2.000%	0.00	1600.55	0.00	-2.000%	0.00	1600.55	HB45	0.0050	0.7301	0.0000	2.051	2.082	**Left**	HB45	12.00	0.00	4.50	4.14	8.64	18.000	**OK**	0.762	0.934	2.519	2.230		2.082
↑	Grade		2152+70.00	HB45	1599.22	67.50	-2.000%	0.00	1600.58	0.00	-2.000%	0.00	1600.58	HB45	0.0050	0.7223	0.0000	2.020	2.051	**Left**	HB45	12.00	0.00	4.50	4.07	8.57	18.000	**OK**	0.757	0.922	2.507	2.223		2.051
↑	Grade		2152+75.00	HB45	1599.25	67.58	-2.000%	0.00	1600.60	0.00	-2.000%	0.00	1600.60	HB45	0.0050	0.7146	0.0000	1.989	2.020	**Left**	HB45	12.00	0.00	4.50	4.01	8.51	18.000	**OK**	0.751	0.911	2.494	2.217		2.020
↑	Grade		2152+80.00	HB45	1599.27	67.66	-2.000%	0.00	1600.63	0.00	-2.000%	0.00	1600.63	HB45	0.0050	0.7068	0.0000	1.958	1.989	**Left**	HB45	12.00	0.00	4.50	3.94	8.44	18.000	**OK**	0.745	0.900	2.481	2.210		1.989
↑	Grade		2152+85.00	HB45	1599.30	67.73	-2.000%	0.00	1600.65	0.00	-2.000%	0.00	1600.65	HB45	0.0050	0.6991	0.0000	1.926	1.958	**Left**	HB45	12.00	0.00	4.50	3.87	8.37	18.000	**OK**	0.738	0.888	2.468	2.204		1.958
↑	Grade		2152+90.00	HB45	1599.32	67.81	-2.000%	0.00	1600.68	0.00	-2.000%	0.00	1600.68	HB45	0.0050	0.6913	0.0000	1.895	1.926	**Left**	HB45	12.00	0.00	4.50	3.80	8.30	18.000	**OK**	0.732	0.877	2.455	2.197		1.926
↑	Grade		2152+95.00	HB45	1599.34	67.88	-2.000%	0.00	1600.70	0.00	-2.000%	0.00	1600.70	HB45	0.0050	0.6835	0.0000	1.864	1.895	**Left**	HB45	12.00	0.00	4.50	3.73	8.23	18.000	**OK**	0.726	0.865	2.442	2.190		1.895
↑	Grade		2153+00.00	HB45	1599.37	67.96	-2.000%	0.00	1600.73	0.00	-2.000%	0.00	1600.73	HB45	0.0050	0.6757	0.0000	1.833	1.864	**Left**	HB45	12.00	0.00	4.50	3.66	8.16	18.000	**OK**	0.720	0.854	2.428	2.183		1.864
↑	Grade		2153+05.00	HB45	1599.39	68.04	-2.000%	0.00	1600.75	0.00	-2.000%	0.00	1600.75	HB45	0.0050	0.6680	0.0000	1.801	1.833	**Left**	HB45	12.00	0.00	4.50	3.59	8.09	18.000	**OK**	0.713	0.842	2.415	2.176		1.833
↑	Grade		2153+10.00	HB45	1599.41	68.11	-2.000%	0.00	1600.78	0.00	-2.000%	0.00	1600.78	HB45	0.0050	0.6601	0.0000	1.770	1.801	**Left**	HB45	12.00	0.00	4.50	3.52	8.02	18.000	**OK**	0.707	0.831	2.401	2.168		1.801
↑	Grade		2153+15.00	HB45	1599.44	68.19	-2.000%	0.00	1600.80	0.00	-2.000%	0.00	1600.80	HB45	0.0050	0.6523	0.0000	1.739	1.770	**Left**	HB45	12.00	0.00	4.50	3.45	7.95	18.000	**OK**	0.700	0.819	2.386	2.161		1.770
↑	Grade		2153+20.00	HB45	1599.46	68.26	-2.000%	0.00	1600.83	0.00	-2.000%	0.00	1600.83	HB45	0.0050	0.6445	0.0000	1.707	1.739	**Left**	HB45	12.00	0.00	4.50	3.37	7.87	18.000	**OK**	0.694	0.807	2.372	2.153		1.739
↑	Grade		2153+25.00	HB45	1599.48	68.34	-2.000%	0.00	1600.85	0.00	-2.000%	0.00	1600.85	HB45	0.0050	0.6367	0.0000	1.676	1.707	**Left**	HB45	12.00	0.00	4.50	3.30	7.80	18.000	**OK**	0.687	0.796	2.357	2.146		1.707
↑	Grade		2153+30.00	HB45	1599.51	68.42	-2.000%	0.00	1600.88	0.00	-2.000%	0.00	1600.88	HB45	0.0050	0.6288	0.0000	1.644	1.676	**Left**	HB45	12.00	0.00	4.50	3.22	7.72	18.000	**OK**	0.680	0.784	2.343	2.138		1.676
↑	Grade		2153+35.00	HB45	1599.53	68.49	-2.000%	0.00	1600.90	0.00	-2.000%	0.00	1600.90	HB45	0.0050	0.6210	0.0000	1.613	1.644	**Left**	HB45	12.00	0.00	4.50	3.15	7.65	18.000	**OK**	0.673	0.772	2.327	2.129		1.644
↑	Grade		2153+40.00	HB45	1599.55	68.57	-2.000%	0.00	1600.93	0.00	-2.000%	0.00	1600.93	HB45	0.0050	0.6131	0.0000	1.581	1.613	**Left**	HB45	12.00	0.00	4.50	3.07	7.57	18.000	**OK**	0.666	0.760	2.312	2.121		1.613
↑	Grade		2153+45.00	HB45	1599.58	68.64	-2.000%	0.00	1600.95	0.00	-2.000%	0.00	1600.95	HB45	0.0050	0.6053	0.0000	1.550	1.581	**Left**	HB45	12.00	0.00	4.50	2.99	7.49	18.000	**OK**	0.659	0.749	2.297	2.113		1.581
↑	Grade		2153+50.00	HB45	1599.60	68.72	-2.000%	0.00	1600.98	0.00	-2.000%	0.00	1600.98	HB45	0.0050	0.5974	0.0000	1.518	1.550	**Left**	HB45	12.00	0.00	4.50	2.91	7.41	18.000	**OK**	0.652	0.737	2.281	2.104		1.550
↑	Grade		2153+55.00	HB45	1599.62	68.80	-2.000%	0.00	1601.00	0.00	-2.000%	0.00	1601.00	HB45	0.0050	0.5895	0.0000	1.487	1.518	**Left**	HB45	12.00	0.00	4.50	2.83	7.33	18.000	**OK**	0.645	0.725	2.265	2.095		1.518
↑	Grade		2153+60.00	HB45	1599.65	68.87	-2.000%	0.00	1601.03	0.00	-2.000%	0.00	1601.03	HB45	0.0050	0.5816	0.0000	1.455	1.487	**Left**	HB45	12.00	0.00	4.50	2.75	7.25	18.000	**OK**	0.637	0.713	2.248	2.086		1.487
↑	Grade		2153+65.00	HB45	1599.67	68.95	-2.000%	0.00	1601.05	0.00	-2.000%	0.00	1601.05	HB45	0.0050	0.5737	0.0000	1.423	1.455	**Left**	HB45	12.00	0.00	4.50	2.66	7.16	18.000	**OK**	0.630	0.701	2.231	2.076		1.455
↑	Grade		2153+70.00	HB45	1599.69	69.02	-2.000%	0.00	1601.08	0.00	-2.000%	0.00	1601.08	HB45	0.0050	0.5658	0.0000	1.391	1.423	**Left**	HB45	12.00	0.00	4.50	2.58	7.08	18.000	**OK**	0.622	0.689	2.214	2.067		1.423
↑	Grade		2153+75.00	HB45	1599.72	69.10	-2.000%	0.00	1601.10	0.00	-2.000%	0.00	1601.10	HB45	0.0050	0.5579	0.0000	1.360	1.391	**Left**	HB45	12.00	0.00	4.50	2.49	6.99	18.000	**OK**	0.614	0.677	2.197	2.057		1.391

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2153+80.00	HB45	1599.74	69.18	-2.000%	0.00	1601.13	0.00	-2.000%	0.00	1601.13	HB45	0.0050	0.5500	0.0000	1.328	1.360	**Left**	HB45	12.00	0.00	4.50	2.41	6.91	18.000	**OK**	0.607	0.664	2.179	2.047		1.360
↑	Grade		2153+85.00	HB45	1599.76	69.25	-2.000%	0.00	1601.15	0.00	-2.000%	0.00	1601.15	HB45	0.0050	0.5420	0.0000	1.296	1.328	**Left**	HB45	12.00	0.00	4.50	2.32	6.82	18.000	**OK**	0.599	0.652	2.161	2.036		1.328
↑	Grade		2153+90.00	HB45	1599.79	69.33	-2.000%	0.00	1601.18	0.00	-2.000%	0.00	1601.18	HB45	0.0050	0.5341	0.0000	1.264	1.296	**Left**	HB45	12.00	0.00	4.50	2.23	6.73	18.000	**OK**	0.590	0.640	2.143	2.025		1.296
↑	Grade		2153+95.00	HB45	1599.81	69.40	-2.000%	0.00	1601.20	0.00	-2.000%	0.00	1601.20	HB45	0.0050	0.5261	0.0000	1.232	1.264	**Left**	HB45	12.00	0.00	4.50	2.13	6.63	18.000	**OK**	0.582	0.628	2.124	2.014		1.264
↑	Grade		2154+00.00	HB45	1599.84	69.48	-2.000%	0.00	1601.23	0.00	-2.000%	0.00	1601.23	HB45	0.0050	0.5182	0.0000	1.200	1.232	**Left**	HB45	12.00	0.00	4.50	2.04	6.54	18.000	**OK**	0.574	0.615	2.105	2.002		1.232
↑	Grade		2154+05.00	HB45	1599.86	69.56	-2.000%	0.00	1601.25	0.00	-2.000%	0.00	1601.25	HB45	0.0050	0.5102	0.0000	1.168	1.200	**Left**	HB45	12.00	0.00	4.50	1.95	6.45	18.000	**OK**	0.565	0.603	2.086	1.990		1.200
↑	Grade		2154+10.00	HB45	1599.88	69.63	-2.000%	0.00	1601.28	0.00	-2.000%	0.00	1601.28	HB45	0.0050	0.5022	0.0000	1.136	1.168	**Left**	HB45	12.00	0.00	4.50	1.85	6.35	18.000	**OK**	0.556	0.591	2.066	1.978		1.168
↑	Grade		2154+15.00	HB45	1599.91	69.71	-2.000%	0.00	1601.30	0.00	-2.000%	0.00	1601.30	HB45	0.0050	0.4942	0.0000	1.104	1.136	**Left**	HB45	12.00	0.00	4.50	1.75	6.25	18.000	**OK**	0.548	0.578	2.045	1.965		1.136
↑	Grade		2154+20.00	HB45	1599.93	69.78	-2.000%	0.00	1601.33	0.00	-2.000%	0.00	1601.33	HB45	0.0050	0.4862	0.0000	1.072	1.104	**Left**	HB45	12.00	0.00	4.50	1.65	6.15	18.000	**OK**	0.539	0.566	2.024	1.951		1.104
↑	Grade		2154+25.00	HB45	1599.95	69.86	-2.000%	0.00	1601.35	0.00	-2.000%	0.00	1601.35	HB45	0.0050	0.4782	0.0000	1.040	1.072	**Left**	HB45	12.00	0.00	4.50	1.55	6.05	18.000	**OK**	0.529	0.553	2.003	1.937		1.072
↑	Grade		2154+30.00	HB45	1599.98	69.94	-2.000%	0.00	1601.38	0.00	-2.000%	0.00	1601.38	HB45	0.0050	0.4702	0.0000	1.008	1.040	**Left**	HB45	12.00	0.00	4.50	1.44	5.94	18.000	**OK**	0.520	0.541	1.981	1.923		1.040
↑	Grade		2154+35.00	HB45	1600.00	70.01	-2.000%	0.00	1601.40	0.00	-2.000%	0.00	1601.40	HB45	0.0050	0.4622	0.0000	0.976	1.008	**Left**	HB45	12.00	0.00	4.50	1.34	5.84	18.000	**OK**	0.510	0.528	1.959	1.908		1.008
↑	Grade		2154+40.00	HB45	1600.02	70.09	-2.000%	0.00	1601.43	0.00	-2.000%	0.00	1601.43	HB45	0.0050	0.4542	0.0000	0.943	0.976	**Left**	HB45	12.00	0.00	4.50	1.23	5.73	18.000	**OK**	0.501	0.516	1.936	1.892		0.976
↑	Grade		2154+45.00	HB45	1600.05	70.16	-2.000%	0.00	1601.45	0.00	-2.000%	0.00	1601.45	HB45	0.0050	0.4461	0.0000	0.911	0.943	**Left**	HB45	12.00	0.00	4.50	1.12	5.62	18.000	**OK**	0.491	0.503	1.913	1.875		0.943
↑	Grade		2154+50.00	HB45	1600.07	70.24	-2.000%	0.00	1601.48	0.00	-2.000%	0.00	1601.48	HB45	0.0050	0.4381	0.0000	0.879	0.911	**Left**	HB45	12.00	0.00	4.50	1.01	5.51	18.000	**OK**	0.480	0.491	1.888	1.857		0.911
↑	Grade		2154+55.00	HB45	1600.09	70.32	-2.000%	0.00	1601.50	0.00	-2.000%	0.00	1601.50	HB45	0.0050	0.4300	0.0000	0.846	0.879	**Left**	HB45	12.00	0.00	4.50	0.89	5.39	18.000	**OK**	0.470	0.478	1.864	1.839		0.879
↑	Grade		2154+60.00	HB45	1600.12	70.39	-2.000%	0.00	1601.53	0.00	-2.000%	0.00	1601.53	HB45	0.0050	0.4219	0.0000	0.814	0.846	**Left**	HB45	12.00	0.00	4.50	0.77	5.27	18.000	**OK**	0.459	0.465	1.838	1.819		0.846
↑	Grade		2154+65.00	HB45	1600.14	70.47	-2.000%	0.00	1601.55	0.00	-2.000%	0.00	1601.55	HB45	0.0050	0.4139	0.0000	0.782	0.814	**Left**	HB45	12.00	0.00	4.50	0.65	5.15	18.000	**OK**	0.449	0.453	1.812	1.798		0.814
↑	Grade		2154+70.00	HB45	1600.16	70.54	-2.000%	0.00	1601.58	0.00	-2.000%	0.00	1601.58	HB45	0.0050	0.4058	0.0000	0.749	0.782	**Left**	HB45	12.00	0.00	4.50	0.53	5.03	18.000	**OK**	0.437	0.440	1.786	1.776		0.782
↑	Grade		2154+75.00	HB45	1600.19	70.62	-2.000%	0.00	1601.60	0.00	-2.000%	0.00	1601.60	HB45	0.0050	0.3977	0.0000	0.717	0.749	**Left**	HB45	12.00	0.00	4.50	0.40	4.90	18.000	**OK**	0.426	0.428	1.758	1.752		0.749
↑	Grade		2154+80.00	HB45	1600.21	70.70	-2.000%	0.00	1601.63	0.00	-2.000%	0.00	1601.63	HB45	0.0050	0.3896	0.0000	0.684	0.717	**Left**	HB45	12.00	0.00	4.50	0.27	4.77	18.000	**OK**	0.414	0.415	1.730	1.727		0.717
↑	Grade		2154+85.00	HB45	1600.23	70.77	-2.000%	0.00	1601.65	0.00	-2.000%	0.00	1601.65	HB45	0.0050	0.3815	0.0000	0.652	0.684	**Left**	HB45	12.00	0.00	4.50	0.14	4.64	18.000	**OK**	0.402	0.403	1.701	1.700		0.684
↑	Grade		2154+90.00	HB45	1600.26	70.85	-2.000%	0.00	1601.68	0.00	-2.000%	0.00	1601.68	HB45	0.0050	0.3734	0.0000	0.619	0.652	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.390	0.390	1.671	1.671		0.652
↑	Grade		2154+95.00	HB45	1600.28	70.92	-2.000%	0.00	1601.70	0.00	-2.000%	0.00	1601.70	HB45	0.0050	0.3652	0.0000	0.586	0.619	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.377	0.377	1.640	1.640		0.619
↑	Grade		2155+00.00	HB45	1600.31	71.00	-2.000%	0.00	1601.73	0.00	-2.000%	0.00	1601.73	HB45	0.0050	0.3571	0.0000	0.554	0.586	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.365	0.365	1.608	1.608		0.586
↑	Grade		2155+05.00	HB45	1600.33	71.06	-2.000%	0.00	1601.75	0.00	-2.000%	0.00	1601.75	HB45	0.0050	0.3489	0.0000	0.521	0.554	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.351	0.351	1.576	1.576		0.554
↑	Grade		2155+10.00	HB45	1600.35	71.13	-2.000%	0.00	1601.78	0.00	-2.000%	0.00	1601.78	HB45	0.0050	0.3408	0.0000	0.488	0.521	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.338	0.338	1.543	1.543		0.521
↑	Grade		2155+15.00	HB45	1600.38	71.19	-2.000%	0.00	1601.80	0.00	-2.000%	0.00	1601.80	HB45	0.0050	0.3326	0.0000	0.456	0.488	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.324	0.324	1.508	1.508		0.488
↑	Grade		2155+20.00	HB45	1600.40	71.25	-2.000%	0.00	1601.83	0.00	-2.000%	0.00	1601.83	HB45	0.0050	0.3245	0.0000	0.423	0.456	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.309	0.309	1.473	1.473		0.456
↑	Grade		2155+25.00	HB45	1600.42	71.31	-2.000%	0.00	1601.85	0.00	-2.000%	0.00	1601.85	HB45	0.0050	0.3163	0.0000	0.390	0.423	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.295	0.295	1.436	1.436		0.423
↑	Grade		2155+30.00	HB45	1600.45	71.38	-2.000%	0.00	1601.88	0.00	-2.000%	0.00	1601.88	HB45	0.0050	0.3081	0.0000	0.357	0.390	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.279	0.279	1.398	1.398		0.390
↑	Grade		2155+35.00	HB45	1600.47	71.44	-2.000%	0.00	1601.90	0.00	-2.000%	0.00	1601.90	HB45	0.0050	0.2999	0.0000	0.324	0.357	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.263	0.263	1.359	1.359		0.357
↑	Grade		2155+40.00	HB45	1600.50	71.50	-2.000%	0.00	1601.93	0.00	-2.000%	0.00	1601.93	HB45	0.0050	0.2917	0.0000	0.292	0.324	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.246	0.246	1.319	1.319		0.324
↑	Grade		2155+45.00	HB45	1600.52	71.56	-2.000%	0.00	1601.95	0.00	-2.000%	0.00	1601.95	HB45	0.0050	0.2835	0.0000	0.259	0.292	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.228	0.228	1.278	1.278		0.292
↑	Grade		2155+50.00	HB45	1600.54	71.63	-2.000%	0.00	1601.98	0.00	-2.000%	0.00	1601.98	HB45	0.0050	0.2753	0.0000	0.226	0.259	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.209	0.209	1.237	1.237		0.259
↑	Grade		2155+55.00	HB45	1600.57	71.69	-2.000%	0.00	1602.00	0.00	-2.000%	0.00	1602.00	HB45	0.0050	0.2671	0.0000	0.193	0.226	**Left**	HB45	12.00	0.00	4.35	0.00	4.35	18.000	**OK**	0.189	0.189	1.195	1.195		0.226
↑	Grade		2155+60.00	HB45	1600.59	71.75	-2.000%	0.00	1602.03	0.00	-2.000%	0.00	1602.03	HB45	0.0050	0.2589	0.0000	0.160	0.193	**Left**	HB45	12.00	0.00	4.10	0.00	4.10	18.000	**OK**	0.168	0.168	1.149	1.149		0.193
↑	Grade		2155+65.00	HB45	1600.61	71.81	-2.000%	0.00	1602.05	0.00	-2.000%	0.00	1602.05	HB45	0.0050	0.2506	0.0000	0.127	0.160	**Left**	HB45	12.00	0.00	3.82	0.00	3.82	18.000	**OK**	0.146	0.146	1.096	1.096		0.160
↑	Grade		2155+70.00	HB45	1600.64	71.88	-2.000%	0.00	1602.08	0.00	-2.000%	0.00	1602.08	HB45	0.0050	0.2424	0.0000	0.094	0.127	**Left**	HB45	12.00	0.00	3.50	0.00	3.50	18.000	**OK**	0.122	0.122	1.035	1.035		0.127
↑	Grade		2155+75.00	HB45	1600.66	71.94	-2.000%	0.00	1602.10	0.00	-2.000%	0.00	1602.10	HB45	0.0050	0.2341	0.0000	0.061	0.094	**Left**	HB45	12.00	0.00	3.12	0.00	3.12	18.000	**OK**	0.098	0.098	0.959	0.959		0.094
↑	Grade		2155+80.00	HB45	1600.69	72.00	-2.000%	0.00	1602.13	0.00	-2.000%	0.00	1602.13	HB45	0.0050	0.2259	0.0000	0.027	0.061	**Left**	HB45	12.00	0.00	2.65	0.00	2.65	18.000	**OK**	0.070	0.070	0.860	0.860		0.061
↑	Grade		2155+85.00	HB45	1601.35	40.00	-2.000%	0.00	1602.15	0.00	-2.000%	0.00	1602.15	HB45	0.0050	0.2176	0.0000	0.002	0.027	**Left**	HB45	12.00	0.00	1.97	0.00	1.97	18.000	**OK**	0.039	0.039	0.705	0.705		0.027
↑	Grade	**3**	2155+90.00	HB45	1601.38	40.00	-2.000%	0.00	1602.18	0.00	-2.000%	0.00	1602.18	HB45	0.0050	0.2112	0.0000	0.810	0.828	**Left**	HB45	12.00	0.00	4.50	0.70	5.20	18.000	**OK**	0.453	0.458	1.824	1.807	3	0.828
↑	Grade		2155+95.00	HB45	1601.40	40.00	-2.000%	0.00	1602.20	0.00	-2.000%	0.00	1602.20	HB45	0.0050	0.2066	0.0000	0.791	0.810	**Left**	HB45	12.00	0.00	4.50	0.63	5.13	18.000	**OK**	0.447	0.451	1.809	1.795		0.810
↑	Grade		2156+00.00	HB45	1601.43	40.00	-2.000%	0.00	1602.23	0.00	-2.000%	0.00	1602.23	HB45	0.0050	0.2020	0.0000	0.773	0.791	**Left**	HB45	12.00	0.00	4.50	0.56	5.06	18.000	**OK**	0.441	0.444	1.794	1.783		0.791
↑	Grade		2156+05.00	HB45	1601.45	40.00	-2.000%	0.00	1602.25	0.00	-2.000%	0.00	1602.25	HB45	0.0050	0.1974	0.0000	0.755	0.773	**Left**	HB45	12.00	0.00	4.50	0.49	4.99	18.000	**OK**	0.434	0.437	1.778	1.770		0.773
↑	Grade		2156+10.00	HB45	1601.48	40.00	-2.000%	0.00	1602.28	0.00	-2.000%	0.00	1602.28	HB45	0.0050	0.1928	0.0000	0.736	0.755	**Left**	HB45	12.00	0.00	4.50	0.42	4.92	18.000	**OK**	0.428	0.430	1.763	1.756		0.755
↑	Grade		2156+15.00	HB45	1601.50	40.00	-2.000%	0.00	1602.30	0.00	-2.000%	0.00	1602.30	HB45	0.0050	0.1882	0.0000	0.718	0.736	**Left**	HB45	12.00	0.00	4.50	0.35	4.85	18.000	**OK**	0.421	0.423	1.747	1.742		0.736
↑	Grade		2156+20.00	HB45	1601.53	40.00	-2.000%	0.00	1602.33	0.00	-2.000%	0.00	1602.33	HB45	0.0050	0.1837	0.0000	0.699	0.718	**Left**	HB45	12.00	0.00	4.50	0.27	4.77	18.000	**OK**	0.415	0.415	1.731	1.728		0.718
↑	Grade		2156+25.00	HB45	1601.55	40.00	-2.000%	0.00	1602.35	0.00	-2.000%	0.00	1602.35	HB45	0.0050	0.1791	0.0000	0.681	0.699	**Left**	HB45	12.00	0.00	4.50	0.20	4.70	18.000	**OK**	0.408	0.408	1.714	1.713		0.699
↑	Grade		2156+30.00	HB45	1601.58	40.00	-2.000%	0.00	1602.38	0.00	-2.000%	0.00	1602.38	HB45	0.0050	0.1745	0.0000	0.663	0.681	**Left**	HB45	12.00	0.00	4.50	0.12	4.62	18.000	**OK**	0.401	0.401	1.698	1.697		0.681
↑	Grade		2156+35.00	HB45	1601.60	40.00	-2.000%	0.00	1602.40	0.00	-2.000%	0.00	1602.40	HB45	0.0050	0.1699	0.0000	0.644	0.663	**Left**	HB45	12.00	0.00	4.50	0.05	4.55	18.000	**OK**	0.394	0.394	1.681	1.681		0.663
↑	Grade		2156+40.00	HB45	1601.63	40.00	-2.000%	0.00	1602.43	0.00	-2.000%	0.00	1602.43	HB45	0.0050	0.1653	0.0000	0.626	0.644	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.387	0.387	1.664	1.664		0.644
↑	Grade		2156+45.00	HB45	1601.65	40.00	-2.000%	0.00	1602.45	0.00	-2.000%	0.00	1602.45	HB45	0.0050	0.1607	0.0000	0.607	0.626	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.380	0.380	1.646	1.646		0.626
↑	Grade		2156+50.00	HB45	1601.68	40.00	-2.000%	0.00	1602.48	0.00	-2.000%	0.00	1602.48	HB45	0.0050	0.1561	0.0000	0.589	0.607	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.373	0.373	1.629	1.629		0.607
↑	Grade		2156+55.00	HB45	1601.70	40.00	-2.000%	0.00	1602.50	0.00	-2.000%	0.00	1602.50	HB45	0.0050	0.1515	0.0000	0.571	0.589	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.366	0.366	1.611	1.611		0.589
↑	Grade		2156+60.00	HB45	1601.73	40.00	-2.000%	0.00	1602.53	0.00	-2.000%	0.00	1602.53	HB45	0.0050	0.1469	0.0000	0.552	0.571	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.358	0.358	1.593	1.593		0.571
↑	Grade		2156+65.00	HB45	1601.75	40.00	-2.000%	0.00	1602.55	0.00	-2.000%	0.00	1602.55	HB45	0.0050	0.1423	0.0000	0.534	0.552	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.351	0.351	1.574	1.574		0.552
↑	Grade		2156+70.00	HB45	1601.78	40.00	-2.000%	0.00	1602.58	0.00	-2.000%	0.00	1602.58	HB45	0.0050	0.1377	0.0000	0.515	0.534	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.343	0.343	1.556	1.556		0.534
↑	Grade		2156+75.00	HB45	1601.80	40.00	-2.000%	0.00	1602.60	0.00	-2.000%	0.00	1602.60	HB45	0.0050	0.1331	0.0000	0.497	0.515	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.335	0.335	1.537	1.537		0.515
↑	Grade		2156+80.00	HB45	1601.83	40.00	-2.000%	0.00	1602.63	0.00	-2.000%	0.00	1602.63	HB45	0.0050	0.1286	0.0000	0.479	0.497	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.328	0.328	1.517	1.517		0.497
↑	Grade		2156+85.00	HB45	1601.85	40.00	-2.000%	0.00	1602.65	0.00	-2.000%	0.00	1602.65	HB45	0.0050	0.1240	0.0000	0.460	0.479	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.320	0.320	1.498	1.498		0.479
↑	Grade		2156+90.00	HB45	1601.88	40.00	-2.000%	0.00	1602.68	0.00	-2.000%	0.00	1602.68	HB45	0.0050	0.1194	0.0000	0.442	0.460	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.311	0.311	1.478	1.478		0.460
↑	Grade		2156+95.00	HB45	1601.90	40.00	-2.000%	0.00	1602.70	0.00	-2.000%	0.00	1602.70	HB45	0.0050	0.1148	0.0000	0.423	0.442	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.303	0.303	1.457	1.457		0.442
↑	Grade		2157+00.00	HB45	1601.93	40.00	-2.000%	0.00	1602.73	0.00	-2.000%	0.00	1602.73	HB45	0.0050	0.1102	0.0000	0.405	0.423	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.295	0.295	1.436	1.436		0.423
↑	Grade		2157+05.00	HB45	1601.95	40.00	-2.000%	0.00	1602.75	0.00	-2.000%	0.00	1602.75	HB45	0.0050	0.1056	0.0000	0.387	0.405	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.286	0.286	1.415	1.415		0.405
↑	Grade		2157+10.00	HB45	1601.98	40.00	-2.000%	0.00	1602.78	0.00	-2.000%	0.00	1602.78	HB45	0.0050	0.1010	0.0000	0.368	0.387	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.277	0.277	1.394	1.394		0.387
↑	Grade		2157+15.00	HB45	1602.00	40.00	-2.000%	0.00	1602.80	0.00	-2.000%	0.00	1602.80	HB45	0.0050	0.0964	0.0000	0.350	0.368	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.268	0.268	1.372	1.372		0.368
↑	Grade		2157+20.00	HB45	1602.03	40.00	-2.000%	0.00	1602.83	0.00	-2.000%	0.00	1602.83	HB45	0.0050	0.0918	0.0000	0.331	0.350	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.259	0.259	1.350	1.350		0.350
↑	Grade		2157+25.00	HB45	1602.05	40.00	-2.000%	0.00	1602.85	0.00	-2.000%	0.00	1602.85	HB45	0.0050	0.0872	0.0000	0.313	0.331	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.250	0.250	1.328	1.328		0.331
↑	Grade		2157+30.00	HB45	1602.08	40.00	-2.000%	0.00	1602.88	0.00	-2.000%	0.00	1602.88	HB45	0.0050	0.0826	0.0000	0.295	0.313	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.240	0.240	1.305	1.305		0.313
↑	Grade		2157+35.00	HB45	1602.10	40.00	-2.000%	0.00	1602.90	0.00	-2.000%	0.00	1602.90	HB45	0.0050	0.0781	0.0000	0.276	0.295	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.230	0.230	1.282	1.282		0.295
↑	Grade		2157+40.00	HB45	1602.13	40.00	-2.000%	0.00	1602.93	0.00	-2.000%	0.00	1602.93	HB45	0.0050	0.0735	0.0000	0.258	0.276	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.219	0.219	1.259	1.259		0.276
↑	Grade		2157+45.00	HB45	1602.15	40.00	-2.000%	0.00	1602.95	0.00	-2.000%	0.00	1602.95	HB45	0.0050	0.0689	0.0000	0.239	0.258	**Left**	HB45	12.00	0.00	4.50	0.00	4.50	18.000	**OK**	0.209	0.209	1.236	1.236		0.258

Alignment:	Grade, Crest or Sag	Sta Incr(ft): >> CB Type	Station 5.00	Left C&G Style	Left EOP Elev (ft)	Left EOP Offset (ft)	Left X-Slope (%)	Left LS Width (ft)	PGL Elev (ft)	Right LS Width (ft)	Right X-Slope (%)	Right EOP Offset (ft)	Right EOP Elev (ft)	Right C&G Style	Long. Slope, S_L (ft/ft)	Paved Area (acre)	Unpaved Area (acre)	Carryover $Q_{Carryover}$ (cfs)	Cumul. Flow $Q_{cumulative}$ (cfs)	Flow on Which Side? (Left/Right)	Curb Type (code	Shldr Width (ft)	T1	T2	T3	**Total T (ft)**	Allowable Spread, Ta (ft)	T < Ta	Aw (sq ft)	A (sq ft)	Vw (fps)	V (fps)	Catch Basin	Total Q at CP (cfs)
↑	Grade		2157+50.00	HB45	1602.18	40.00	-2.000%	0.00	1602.98	0.00	-2.000%	0.00	1602.98	HB45	0.0050	0.0643	0.0000	0.221	0.239	**Left**	HB45	12.00	0.00	4.44	0.00	4.44	18.000	**OK**	0.197	0.197	1.213	1.213		0.239
↑	Grade		2157+55.00	HB45	1602.20	40.00	-2.000%	0.00	1603.00	0.00	-2.000%	0.00	1603.00	HB45	0.0050	0.0597	0.0000	0.202	0.221	**Left**	HB45	12.00	0.00	4.31	0.00	4.31	18.000	**OK**	0.186	0.186	1.189	1.189		0.221
↑	Grade		2157+60.00	HB45	1602.23	40.00	-2.000%	0.00	1603.03	0.00	-2.000%	0.00	1603.03	HB45	0.0050	0.0551	0.0000	0.184	0.202	**Left**	HB45	12.00	0.00	4.17	0.00	4.17	18.000	**OK**	0.174	0.174	1.163	1.163		0.202
↑	Grade		2157+65.00	HB45	1602.25	40.00	-2.000%	0.00	1603.05	0.00	-2.000%	0.00	1603.05	HB45	0.0050	0.0505	0.0000	0.166	0.184	**Left**	HB45	12.00	0.00	4.03	0.00	4.03	18.000	**OK**	0.162	0.162	1.136	1.136		0.184
↑	Grade		2157+70.00	HB45	1602.28	40.00	-2.000%	0.00	1603.08	0.00	-2.000%	0.00	1603.08	HB45	0.0050	0.0459	0.0000	0.147	0.166	**Left**	HB45	12.00	0.00	3.87	0.00	3.87	18.000	**OK**	0.150	0.150	1.106	1.106		0.166
↑	Grade		2157+75.00	HB45	1602.30	40.00	-2.000%	0.00	1603.10	0.00	-2.000%	0.00	1603.10	HB45	0.0050	0.0413	0.0000	0.129	0.147	**Left**	HB45	12.00	0.00	3.70	0.00	3.70	18.000	**OK**	0.137	0.137	1.074	1.074		0.147
↑	Grade		2157+80.00	HB45	1602.33	40.00	-2.000%	0.00	1603.13	0.00	-2.000%	0.00	1603.13	HB45	0.0050	0.0367	0.0000	0.110	0.129	**Left**	HB45	12.00	0.00	3.52	0.00	3.52	18.000	**OK**	0.124	0.124	1.039	1.039		0.129
↑	Grade		2157+85.00	HB45	1602.35	40.00	-2.000%	0.00	1603.15	0.00	-2.000%	0.00	1603.15	HB45	0.0050	0.0321	0.0000	0.092	0.110	**Left**	HB45	12.00	0.00	3.32	0.00	3.32	18.000	**OK**	0.110	0.110	1.000	1.000		0.110
↑	Grade		2157+90.00	HB45	1602.38	40.00	-2.000%	0.00	1603.18	0.00	-2.000%	0.00	1603.18	HB45	0.0050	0.0275	0.0000	0.074	0.092	**Left**	HB45	12.00	0.00	3.10	0.00	3.10	18.000	**OK**	0.096	0.096	0.955	0.955		0.092
↑	Grade		2157+95.00	HB45	1602.40	40.00	-2.000%	0.00	1603.20	0.00	-2.000%	0.00	1603.20	HB45	0.0050	0.0230	0.0000	0.055	0.074	**Left**	HB45	12.00	0.00	2.85	0.00	2.85	18.000	**OK**	0.082	0.082	0.903	0.903		0.074
↑	Grade		2158+00.00	HB45	1602.43	40.00	-2.000%	0.00	1603.23	0.00	-2.000%	0.00	1603.23	HB45	0.0050	0.0184	0.0000	0.037	0.055	**Left**	HB45	12.00	0.00	2.56	0.00	2.56	18.000	**OK**	0.066	0.066	0.841	0.841		0.055
↑	Grade		2158+05.00	HB45	1602.45	40.00	-2.000%	0.00	1603.25	0.00	-2.000%	0.00	1603.25	HB45	0.0050	0.0138	0.0000	0.018	0.037	**Left**	HB45	12.00	0.00	2.20	0.00	2.20	18.000	**OK**	0.048	0.048	0.760	0.760		0.037
↑	Grade		2158+10.00	HB45	1602.48	40.00	-2.000%	0.00	1603.28	0.00	-2.000%	0.00	1603.28	HB45	0.0050	0.0092	0.0000	0.000	0.018	**Left**	HB45	12.00	0.00	1.70	0.00	1.70	18.000	**OK**	0.029	0.029	0.639	0.639		0.018
↑	Grade	**3**	2158+15.00	HB45	1602.50	40.00	-2.000%	0.00	1603.30	0.00	-2.000%	0.00	1603.30	HB45	0.0050	0.0046	0.0000	0.000	0.018	**Left**	HB45	12.00	0.00	1.70	0.00	1.70	18.000	**OK**	0.029	0.029	0.639	0.639	3	0.018

APPENDIX D – 67TH AVENUE HYDRAULIC ANALYSIS



AZTEC TYPSA

0 50 100 150 200 250 ft

EXHIBIT
STATE ROUTE 303 DCR Update
67th Avenue Offsite Drainage
TOPOGRAPHIC WORKMAP

Drawn By: T. Mahon Date: 4/2022
Checked By: J. Rodriguez Date: 4/2022

Topographic Mapping from USGS Maricopa / Pinal County 3DEP LiDAR - 2020

HY-8 Culvert Analysis Report

Crossing Discharge Data

Discharge Selection Method: Specify Minimum, Design, and Maximum Flow

Minimum Flow: 0 cfs

Design Flow: 489.5 cfs

Maximum Flow: 489.5 cfs

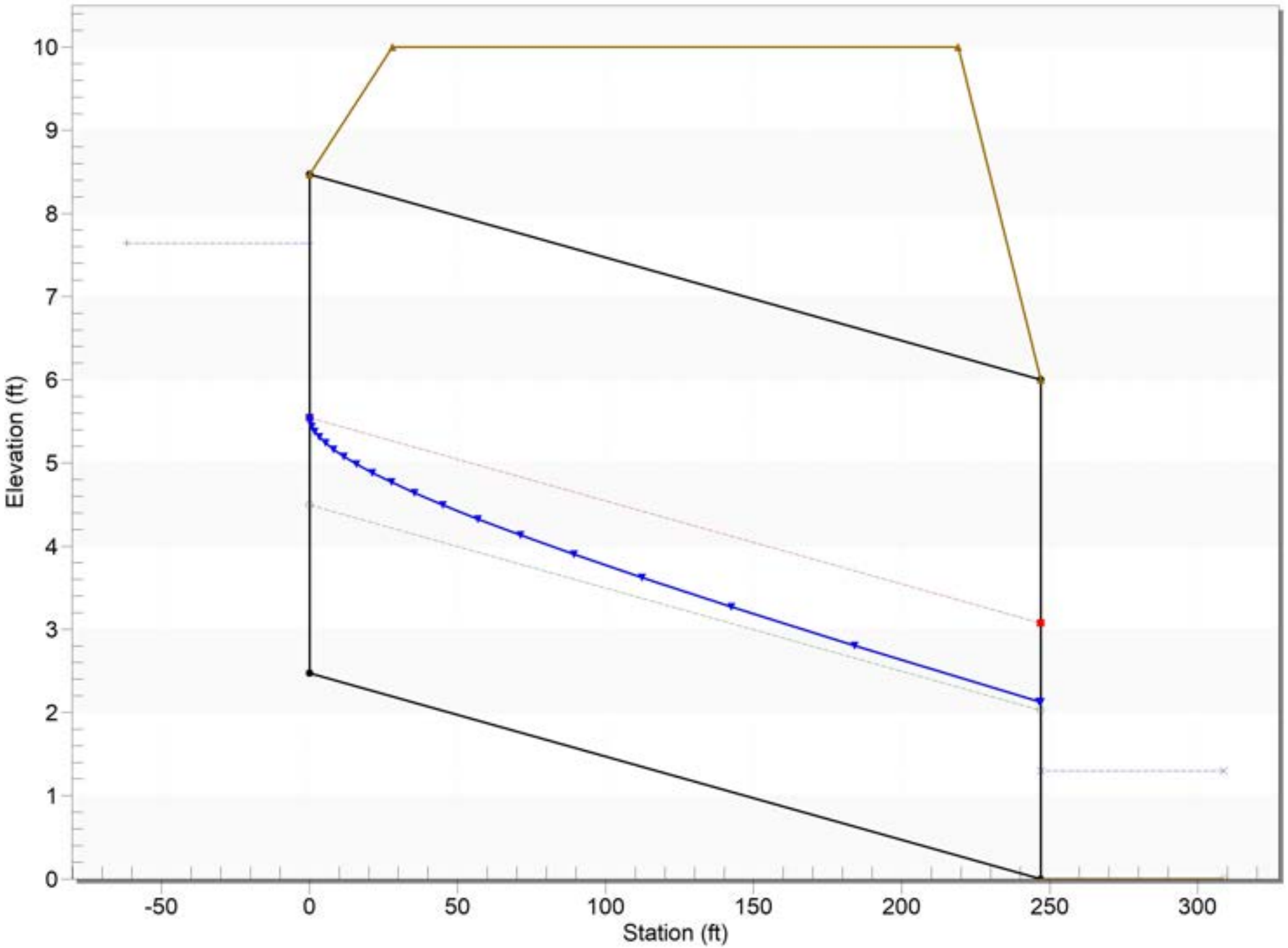

Crossing - 67th Ave Culvert_ChannelBox, Design Discharge - 489.5 cfs
Culvert - Culvert 1, Culvert Discharge - 489.5 cfs
Elevation (ft)
Station (ft)
10
9
8
7
6
5
4
3
2
1
0
-50
0
50
100
150
200
250
300

Table 1 - Summary of Culvert Flows at Crossing: 67th Ave Culvert_ChannelBox

Headwater Elevation (ft)	Total Discharge (cfs)	Culvert 1 Discharge (cfs)	Roadway Discharge (cfs)	Iterations
2.47	0.00	0.00	0.00	1
3.60	48.95	48.95	0.00	1
4.26	97.90	97.90	0.00	1
4.81	146.85	146.85	0.00	1
5.31	195.80	195.80	0.00	1
5.75	244.75	244.75	0.00	1
6.17	293.70	293.70	0.00	1
6.56	342.65	342.65	0.00	1
6.93	391.60	391.60	0.00	1
7.29	440.55	440.55	0.00	1
7.64	489.50	489.50	0.00	1
10.00	819.06	819.06	0.00	Overtopping

Table 2 - Culvert Summary Table: Culvert 1

Total Discharge (cfs)	Culvert Discharge (cfs)	Headwater Elevation (ft)	Inlet Control Depth (ft)	Outlet Control Depth (ft)	Flow Type	Normal Depth (ft)	Critical Depth (ft)	Outlet Depth (ft)	Tailwater Depth (ft)	Outlet Velocity (ft/s)	Tailwater Velocity (ft/s)
0.00	0.00	2.47	0.000	0.000	0-NF	0.000	0.000	0.000	0.000	0.000	0.000
48.95	48.95	3.60	1.126	0.0*	1-S2n	0.449	0.662	0.449	0.330	6.808	5.786
97.90	97.90	4.26	1.787	0.0*	1-S2n	0.696	1.052	0.696	0.499	8.797	7.551
146.85	146.85	4.81	2.342	0.0*	1-S2n	0.905	1.378	0.905	0.635	10.144	8.802
195.80	195.80	5.31	2.837	0.0*	1-S2n	1.092	1.669	1.092	0.754	11.208	9.801
244.75	244.75	5.75	3.285	0.0*	1-S2n	1.265	1.937	1.291	0.860	11.848	10.645
293.70	293.70	6.17	3.698	0.008	1-S2n	1.429	2.187	1.475	0.959	12.447	11.381
342.65	342.65	6.56	4.089	0.350	1-S2n	1.585	2.424	1.643	1.050	13.037	12.038
391.60	391.60	6.93	4.462	0.697	1-S2n	1.736	2.650	1.806	1.137	13.555	12.633
440.55	440.55	7.29	4.822	1.051	1-S2n	1.882	2.866	1.966	1.218	14.005	13.179
489.50	489.50	7.64	5.172	1.413	1-S2n	2.024	3.075	2.124	1.296	14.401	13.684

* Full Flow Headwater elevation is below inlet invert.

****

Straight Culvert

Inlet Elevation (invert): 2.47 ft, Outlet Elevation (invert): 0.00 ft

Culvert Length: 247.01 ft, Culvert Slope: 0.0100

****

Culvert Data Summary - Culvert 1

Barrel Shape: Concrete Box

Barrel Span: 8.00 ft

Barrel Rise: 6.00 ft

Barrel Material: Concrete

Embedment: 0.00 in

Barrel Manning's n: 0.0120

Culvert Type: Straight

Inlet Configuration: Square Edge (90º) Headwall

Inlet Depression: None

Table 3 - Downstream Channel Rating Curve (Crossing: 67th Ave

Flow (cfs)	Water Surface Elev (ft)	Depth (ft)	Velocity (ft/s)	Shear (psf)	Froude Number
0.00	0.00	0.00	0.00	0.00	0.00
48.95	0.33	0.33	5.79	0.21	1.80
97.90	0.50	0.50	7.55	0.31	1.92
146.85	0.64	0.64	8.80	0.40	1.99
195.80	0.75	0.75	9.80	0.47	2.05
244.75	0.86	0.86	10.64	0.54	2.09
293.70	0.96	0.96	11.38	0.60	2.12
342.65	1.05	1.05	12.04	0.66	2.15
391.60	1.14	1.14	12.63	0.71	2.17
440.55	1.22	1.22	13.18	0.76	2.20
489.50	1.30	1.30	13.68	0.81	2.22

Tailwater Channel Data - 67th Ave Culvert_ChannelBox

Tailwater Channel Option: Trapezoidal Channel

Bottom Width: 25.00 ft

Side Slope (H:V): 2.00 (_:1)

Channel Slope: 0.0100

Channel Manning's n: 0.0120

Channel Invert Elevation: 0.00 ft

Roadway Data for Crossing: 67th Ave Culvert_ChannelBox

Roadway Profile Shape: Constant Roadway Elevation

Crest Length: 250.00 ft

Crest Elevation: 10.00 ft

Roadway Surface: Paved

Roadway Top Width: 191.00 ft

HY-8 Culvert Analysis Report

Crossing Discharge Data

Discharge Selection Method: Specify Minimum, Design, and Maximum Flow

Minimum Flow: 0 cfs

Design Flow: 489.5 cfs

Maximum Flow: 489.5 cfs

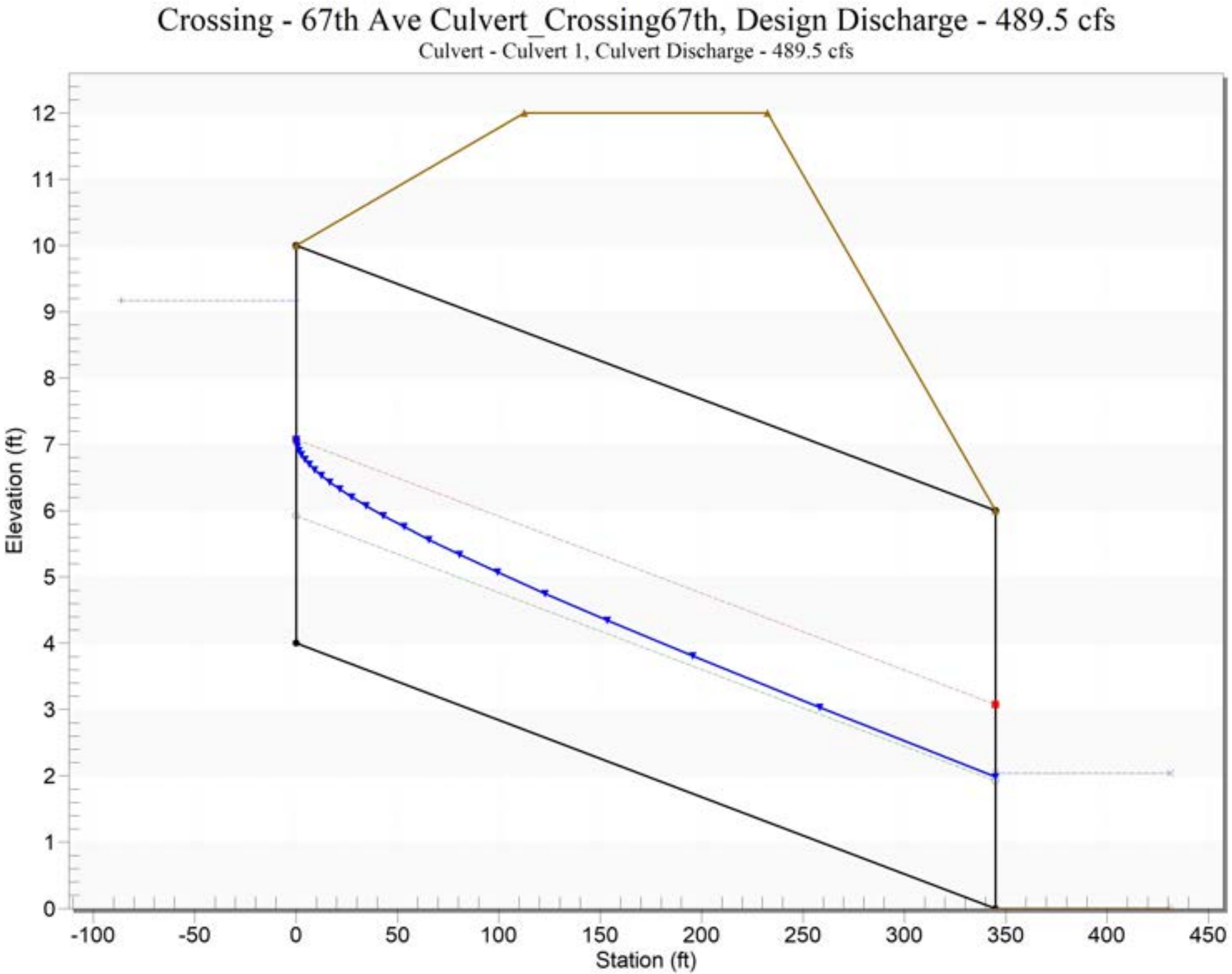

Crossing - 67th Ave Culvert_Crossing67th, Design Discharge - 489.5 cfs
Culvert - Culvert 1, Culvert Discharge - 489.5 cfs
Elevation (ft)
Station (ft)
12
11
10
9
8
7
6
5
4
3
2
1
0
-100
-50
0
50
100
150
200
250
300
350
400
450

Table 1 - Summary of Culvert Flows at Crossing: 67th Ave Culvert_Crossing67th

Headwater Elevation (ft)	Total Discharge (cfs)	Culvert 1 Discharge (cfs)	Roadway Discharge (cfs)	Iterations
4.00	0.00	0.00	0.00	1
5.12	48.95	48.95	0.00	1
5.78	97.90	97.90	0.00	1
6.34	146.85	146.85	0.00	1
6.83	195.80	195.80	0.00	1
7.28	244.75	244.75	0.00	1
7.69	293.70	293.70	0.00	1
8.08	342.65	342.65	0.00	1
8.46	391.60	391.60	0.00	1
8.82	440.55	440.55	0.00	1
9.17	489.50	489.50	0.00	1
12.00	879.83	879.83	0.00	Overtopping

Table 2 - Culvert Summary Table: Culvert 1

Total Discharge (cfs)	Culvert Discharge (cfs)	Headwater Elevation (ft)	Inlet Control Depth (ft)	Outlet Control Depth (ft)	Flow Type	Normal Depth (ft)	Critical Depth (ft)	Outlet Depth (ft)	Tailwater Depth (ft)	Outlet Velocity (ft/s)	Tailwater Velocity (ft/s)
0.00	0.00	4.00	0.000	0.000	0-NF	0.000	0.000	0.000	0.000	0.000	0.000
48.95	48.95	5.12	1.124	0.0*	1-S2n	0.427	0.662	0.427	0.523	7.159	3.593
97.90	97.90	5.78	1.785	0.0*	1-S2n	0.664	1.052	0.664	0.790	9.219	4.660
146.85	146.85	6.34	2.338	0.0*	1-S2n	0.862	1.378	0.862	1.005	10.653	5.409
195.80	195.80	6.83	2.833	0.0*	1-S2n	1.040	1.669	1.067	1.192	11.464	6.001
244.75	244.75	7.28	3.280	0.0*	1-S2n	1.204	1.937	1.232	1.359	12.414	6.498
293.70	293.70	7.69	3.693	0.0*	1-S2n	1.360	2.187	1.360	1.513	13.500	6.928
342.65	342.65	8.08	4.084	0.0*	1-S2n	1.508	2.424	1.540	1.656	13.904	7.310
391.60	391.60	8.46	4.457	0.0*	1-S2n	1.651	2.650	1.694	1.790	14.448	7.655
440.55	440.55	8.82	4.817	0.0*	1-S2n	1.789	2.866	1.843	1.917	14.940	7.970
489.50	489.50	9.17	5.167	0.0*	1-S2n	1.923	3.075	1.986	2.038	15.406	8.259

* Full Flow Headwater elevation is below inlet invert.

****

Straight Culvert

Inlet Elevation (invert): 4.00 ft, Outlet Elevation (invert): 0.00 ft

Culvert Length: 345.02 ft, Culvert Slope: 0.0116

****

Culvert Data Summary - Culvert 1

Barrel Shape: Concrete Box

Barrel Span: 8.00 ft

Barrel Rise: 6.00 ft

Barrel Material: Concrete

Embedment: 0.00 in

Barrel Manning's n: 0.0120

Culvert Type: Straight

Inlet Configuration: Square Edge (90º) Headwall

Inlet Depression: None

Table 3 - Downstream Channel Rating Curve (Crossing: 67th Ave

Flow (cfs)	Water Surface Elev (ft)	Depth (ft)	Velocity (ft/s)	Shear (psf)	Froude Number
0.00	0.00	0.00	0.00	0.00	0.00
48.95	0.52	0.52	3.59	0.33	0.89
97.90	0.79	0.79	4.66	0.49	0.95
146.85	1.01	1.01	5.41	0.63	0.99
195.80	1.19	1.19	6.00	0.74	1.01
244.75	1.36	1.36	6.50	0.85	1.03
293.70	1.51	1.51	6.93	0.94	1.04
342.65	1.66	1.66	7.31	1.03	1.06
391.60	1.79	1.79	7.65	1.12	1.07
440.55	1.92	1.92	7.97	1.20	1.08
489.50	2.04	2.04	8.26	1.27	1.09

Tailwater Channel Data - 67th Ave Culvert_Crossing67th

Tailwater Channel Option: Trapezoidal Channel

Bottom Width: 25.00 ft

Side Slope (H:V): 2.00 (_:1)

Channel Slope: 0.0100

Channel Manning's n: 0.0260

Channel Invert Elevation: 0.00 ft

Roadway Data for Crossing: 67th Ave Culvert_Crossing67th

Roadway Profile Shape: Constant Roadway Elevation

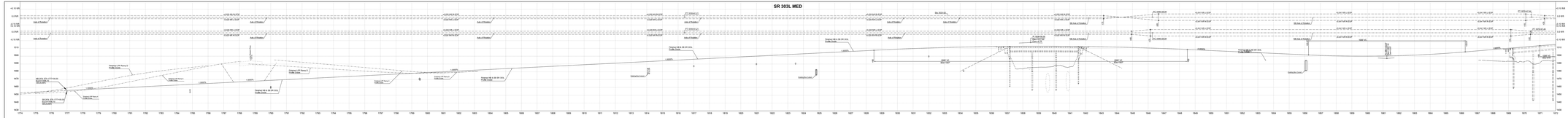
Crest Length: 150.00 ft

Crest Elevation: 12.00 ft

Roadway Surface: Paved

Roadway Top Width: 120.00 ft

APPENDIX E – BUILD ALTERNATIVE TYPICAL SECTION AND 15% PLANS

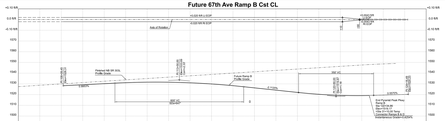


CURVE NO.	DESCRIPTION	CURVE TYPE	STATION	ALIGNMENT			DEFLECTION				
				NORTHING	EASTING	R	Δ	D	T	L	LONG
	Curve 1 of 18 SEG. 4 of 12	PCE	2757+00.00	1,267,322.576	785,294.208						
100	Curve 2 of 18 SEG. 5 of 12	PI	2761+31.78	1,267,452.252	785,154.147						
	Curve 2 of 18 SEG. 6 of 12	PI	2765+62.56	1,267,581.928	785,014.086	5730' 43.4"/	27°30' 00"	1°00' 0.0"	1404.36	2809.35	2782.00
	Curve 2 of 18 SEG. 7 of 12	PI	2769+93.34	1,267,711.604	784,874.025						
101	Curve 3 of 18 SEG. 8 of 12	PI	2808+78.41	1,271,052.354	784,867.201	5730' 43.4"/	27°30' 00"	1°00' 0.0"	1404.36	2809.35	2782.00
	Curve 3 of 18 SEG. 9 of 12	PI	2812+09.19	1,271,182.030	784,727.140						
	Curve 3 of 18 SEG. 10 of 12	PI	2815+39.97	1,271,311.706	784,587.079						
102	Curve 4 of 18 SEG. 11 of 12	PI	2858+38.41	1,271,141.356	828,491.701	30°25' 30.1"/	2°00' 00"	0°30' 0.0"	2046.82	4093.65	3972.00
	Curve 4 of 18 SEG. 12 of 12	PI	2862+85.23	1,271,320.032	828,348.640						
	Curve 4 of 18 SEG. 13 of 12	PI	2867+32.05	1,271,498.708	828,205.579						
103	Curve 5 of 18 SEG. 14 of 12	PI	2921+32.18	1,273,655.353	833,561.701	18°46' 53.4"/	2°00' 00"	0°30' 0.0"	3662.87	7325.74	6999.00
	Curve 5 of 18 SEG. 15 of 12	PI	2966+98.31	1,275,480.353	837,827.701						
	Curve 5 of 18 SEG. 16 of 12	PI	3012+64.44	1,277,305.353	842,093.701						
104	Curve 6 of 18 SEG. 17 of 12	PI	3041+12.51	1,277,421.353	844,641.201	34°58' 27.4"/	2°00' 00"	0°30' 0.0"	3662.87	7325.74	6999.00
	Curve 6 of 18 SEG. 18 of 12	PI	3087+78.58	1,277,421.353	849,307.201						
	Curve 6 of 18 SEG. 19 of 12	PI	3134+44.65	1,277,421.353	853,973.201						
	Curve 6 of 18 SEG. 20 of 12	PE	3175+10.97	1,277,421.353	858,040.259						

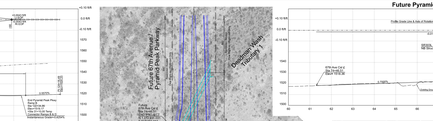
Exist 4R SCL
Exist 4R SCL
Exist 4R SCL

Future 67th Ave Ramp A Cst CL

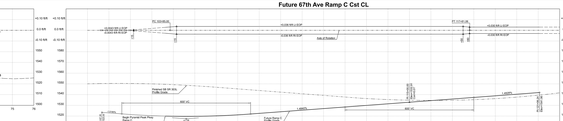
Future 67th Ave Ramp B Cst CL



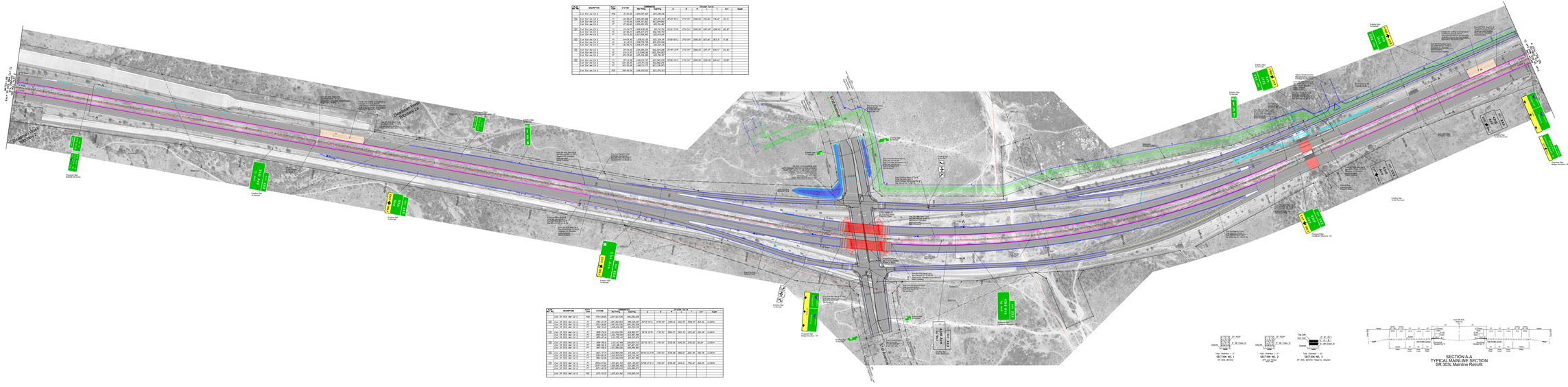
Future Pyramid Peak Parkway / 67th Ave Cst CL



Future 67th Ave Ramp C Cst CL



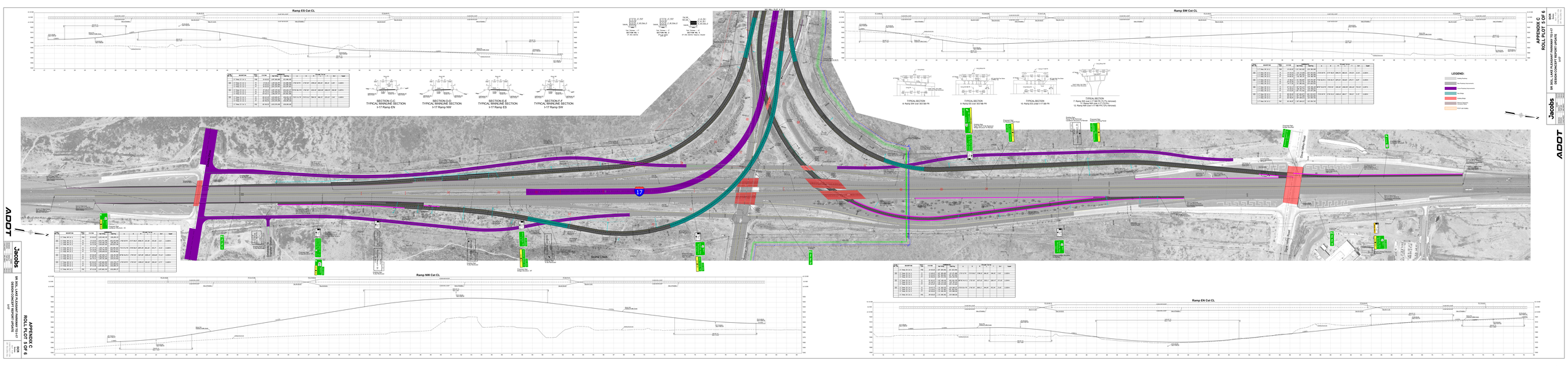
| ΔC | DESCRIPTION | Curve Type | STATION | DATA | a | b | c | d | e | f | g | h | i | j | k | l | m | n | o | p | q | r | s | t | u | v | w | x | y | z | aa | ab | ac | ad | ae | af | ag | ah | ai | aj | ak | al | am | an | ao | ap | aq | ar | as | at | au | av | aw | ax | ay | az | ba | bb | bc | bd | be | bf | bg | bh | bi | bj | bk | bl | bm | bn | bo | bp | bq | br | bs | bt | bu | bv | bw | bx | by | bz | ca | cb | cc | cd | ce | cf | cg | ch | ci | cj | ck | cl | cm | cn | co | cp | cq | cr | cs | ct | cu | cv | cw | cx | cy | cz | da | db | dc | dd | de | df | dg | dh | di | dj | dk | dl | dm | dn | do | dp | dq | dr | ds | dt | du | dv | dw | dx | dy | dz | ea | eb | ec | ed | ee | ef | eg | eh | ei | ej | ek | el | em | en | eo | ep | eq | er | es | et | eu | ev | ew | ex | ey | ez | fa | fb | fc | fd | fe | ff | fg | fh | fi | fj | fk | fl | fm | fn | fo | fp | fq | fr | fs | ft | fu | fv | fw | fx | fy | fz | ga | gb | gc | gd | ge | gf | gg | gh | gi | gj | gk | gl | gm | gn | go | gp | gq | gr | gs | gt | gu | gv | gw | gx | gy | gz | ha | hb | hc | hd | he | hf | hg | hh | hi | hj | hk | hl | hm | hn | ho | hp | hq | hr | hs | ht | hu | hv | hw | hx | hy | hz | ia | ib | ic | id | ie | if | ig | ih | ii | ij | ik | il | im | in | io | ip | iq | ir | is | it | iu | iv | iw | ix | iy | iz | ja | jb | jc | jd | je | jf | jg | jh | ji | jj | jk | jl | jm | jn | jo | jp | jq | jr | js | jt | ju | jv | jw | jx | jy | jz | ka | kb | kc | kd | ke | kf | kg | kh | ki | kj | kk | kl | km | kn | ko | kp | kq | kr | ks | kt | ku | kv | kw | kx | ky | kz | la | lb | lc | ld | le | lf | lg | lh | li | lj | lk | ll | lm | ln | lo | lp | lq | lr | ls | lt | lu | lv | lw | lx | ly | lz | ma | mb | mc | md | me | mf | mg | mh | mi | mj | mk | ml | mm | mn | mo | mp | mq | mr | ms | mt | mu | mv | mw | mx | my | mz | na | nb | nc | nd | ne | nf | ng | nh | ni | nj | nk | nl | nm | nn | no | np | nq | nr | ns | nt | nu | nv | nw | nx | ny | nz | oa | ob | oc | od | oe | of | og | oh | oi | oj | ok | ol | om | on | oo | op | oq | or | os | ot | ou | ov | ow | ox | oy | oz | pa | pb | pc | pd | pe | pf | pg | ph | pi | pj | pk | pl | pm | pn | po | pp | pq | pr | ps | pt | pu | pv | pw | px | py | pz | qa | qb | qc | qd | qe | qf | qg | qh | qi | qj | qk | ql | qm | qn | qo | qp | qq | qr | qs | qt | qu | qv | qw | qx | qy | qz | ra | rb | rc | rd | re | rf | rg | rh | ri | rj | rk | rl | rm | rn | ro | rp | rq | rr | rs | rt | ru | rv | rw | rx | ry | rz | sa | sb | sc | sd | se | sf | sg | sh | si | sj | sk | sl | sm | sn | so | sp | sq | sr | ss | st | su | sv | sw | sx | sy | sz | ta | tb | tc | td | te | tf | tg | th | ti | tj | tk | tl | tm | tn | to | tp | tq | tr | ts | tt | tu | tv | tw | tx | ty | tz | ua | ub | uc | ud | ue | uf | ug | uh | ui | uj | uk | ul | um | un | uo | up | uq | ur | us | ut | uu | uv | uw | ux | uy | uz | va | vb | vc | vd | ve | vf | vg | vh | vi | vj | vk | vl | vm | vn | vo | vp | vq | vr | vs | vt | vu | vv | vw | vx | vy | vz | wa | wb | wc | wd | we | wf | wg | wh | wi | wj | wk | wl | wm | wn | wo | wp | wq | wr | ws | wt | wu | wv | ww | wx | wy | wz | xa | xb | xc | xd | xe | xf | xg | xh | xi | xj | xk | xl | xm | xn | xo | xp | xq | xr | xs | xt | xu | xv | xw | xx | xy | xz | ya | yb | yc | yd | ye | yf | yg | yh | yi | yj | yk | yl | ym | yn | yo | yp | yq | yr | ys | yt | yu | yv | yw | yx | yy | yz | za | zb | zc | zd | ze | zf | zg | zh | zi | zj | zk | zl | zm | zn | zo | zp | zq | zr | zs | zt | zu | zv | zw | zx | zy | zz | aaa | aab | aac | aad | aae | aaf | aag | aah | aai | aaj | aak | aal | aam | aan | aao | aap | aaq | aar | aas | aat | aau | aav | aaw | aax | aay | aaz | aba | abb | abc | abd | abe | abf | abg | abh | abi | abj | abk | abl | abm | abn | abo | abp | abq | abr | abs | abt | abu | abv | abw | abx | aby | abz | aca | acb | acc | acd | ace | acf | acg | ach | aci | acj | ack | acl | acm | acn | aco | acp | acq | acr | acs | act | acu | acv | acw | acx | acy | acz | ada | adb | adc | add | ade | adf | adg | adh | adi | adj | adk | adl | adm | adn | ado | adp | adq | adr | ads | adt | adu | adv | adw | adx | ady | adz | aea | aeb | aec | aed | aee | aef | aeg | aeh | aei | aej | aek | ael | aem | aen | aeo | aep | aeq | aer | aes | aet | aeu | aev | aew | aex | aey | aez | afa | afb | afc | afd | afe | aff | afg | afh | afi | afj | afk | afl | afm | afn | afo | afp | afq | afr | afs | aft | afu | afv | afw | afx | afy | afz | aga | agb | agc | agd | age | agf | agg | agh | agi | agj | agk | agl | agm | agn | ago | agp | agq | agr | ags | agt | agu | agv | agw | agx | agy | agz | aha | ahb | ahc | ahd | ahe | ahf | ahg | ahh | ahi | ahj | ahk | ahl | ahm | ahn | aho | ahp | ahq | ahr | ahs | aht | ahu | ahv | ahw | ahx | ahy | ahz | aia | aib | aic | aid | aie | aif | aig | aih | aii | aij | aik | ail | aim | ain | aio | aip | aiq | air | ais | ait | aiu | aiv | aiw | aix | aiy | aiz | aja | ajb | ajc | ajd | aje | ajf | ajg | ajh | aji | ajj | ajk | ajl | ajm | ajn | ajo | ajp | ajq | ajr | ajs | ajt | aju | ajv | ajw | ajx | ajy | ajz | aka | akb | akc | akd | ake | akf | akg | akh | aki | akj | akk | akl | akm | akn | ako | akp | akq | akr | aks | akt | aku | akv | akw | akx | aky | akz | ala | alb | alc | ald | ale | alf | alg | alh | ali | alj | alk | all | alm | aln | alo | alp | alq | alr | als | alt | alu | alv | alw | alx | aly | alz | ama | amb | amc | amd | ame | amf | amg | amh | ami | amj | amk | aml | amm | amn | amo | amp | amq | amr | ams | amt | amu | amv | amw | amx | amy | amz | ana | anb | anc | and | ane | anf | ang | anh | ani | anj | ank | anl | anm | ann | ano | anp | anq | anr | ans | ant | anu | anv | anw | anx | any | anz | aoa | aob | aoc | aod | aoe | aof | aog | aoh | aoi | aoj | aok | aol | aom | aon | aoo | aop | aoq | aor | aos | aot | aou | aov | aow | aox | aoy | aoz | apa | apb | apc | apd | ape | apf | apg | aph | api | apj | apk | apl | apm | apn | apo | app | apq | apr | aps | apt | apu | apv | apw | apx | apy | apz | aqa | aqb | aqc | aqd | aqe | aqf | aqg | aqh | aqi | aqj | aqk | aql | aqm | aqn | aqo | aqp | aqq | aqr | aqs | aqt | aqu | aqv | aqw | aqx | aqy | aqz | ara | arb | arc | ard | are | arf | arg | arh | ari | arj | ark | arl | arm | arn | aro | arp | arq | arr | ars | art | aru | arv | arw | arx | ary | arz | asa | asb | asc | asd | ase | asf | asg | ash | asi | asj | ask | asl | asm | asn | aso | asp | asq | asr | ass | ast | asu | asv | asw | asx | asy | asz | ata | atb | atc | atd | ate | atf | atg | ath | ati | atj | atk | atl | atm | atn | ato | atp | atq | atr | ats | att | atu | atv | atw | atx | aty | atz | aua | aub | auc | aud | aue | auf | aug | auh | aui | auj | auk | aul | aum | aun | auo | aup | auq | aur | aus | aut | auu | auv | auw | aux | auy | auz | ava | avb | avc | avd | ave | avf | avg | avh | avi | avj | avk | avl | avm | avn | avo | avp | avq | avr | avs | avt | avu | avv | avw | avx | avy | avz | awa | awb | awc | awd | awe | awf | awg | awh | awi | awj | awk | awl | awm | awn | awo | awp | awq | awr | aws | awt | awu | awv | aww | awx | awy | awz | axa | axb | axc | axd | axe | axf | axg | axh | axi | axj | axk | axl | axm | axn | axo | axp | axq | axr | axs | axt | axu | axv | axw | axx | axy | axz | aya | ayb | ayc | ayd | aye | ayf | ayg | ayh | ayi | ayj | ayk | ayl | aym | ayn | ayo | ayp | ayq | ayr | ays | ayt | ayu | ayv | ayw | ayx | ayy | ayz | aza | azb | azc | azd | aze | azf | azg | azh | azi | azj | azk | azl | azm | azn | azo | azp | azq | azr | azs | azt | azu | azv | azw | azx | azy | azz | baa | bab | bac | bad | bae | baf | bag | bah | bai | baj | bak | bal | bam | ban | bao | bap | baq | bar | bas | bat | bau | bav | baw | bax | bay | baz | bba | bbb | bbc | bbd | bbe | bbf | bbg | bbh | bbi | bbj | bbk | bbl | bbm | bbn | bbo | bbp | bbq | bbr | bbs | bbt | bbu | bbv | bbw | bbx | bby | bbz | bca | bcb | bcc | bcd | bce | bcf | bcg | bch | bci | bcj | bck | bcl | bcm | bcn | bco | bcp | bcq | bcr | bcs | bct | bcu | bcv | bcw | bcx | bcy | bcz | bda | bdb | bdc | bdd | bde | bdf | bdg | bdh | bdi | bdj | bdk | bdl | bdm | bdn | bdo | bdp | bdq | bdr | bds | bdt | bdu | bdv | bdw | bdx | bdy | bdz | bea | beb | bec | bed | bee | bef | beg | beh | bei | bej | bek | bel | bem | ben | beo | bep | beq | ber | bes | bet | beu | bev | bew | bex | bey | bez | bfa | bfb | bfc | bfd | bfe | bff | bfg | bfh | bfi | bfj | bfk | bfl | bfm | bfn | bfo | bfp | bfq | bfr | bfs | bft | bfu | bfv | bfw | bfx | bfy | bfz | bga | bgb | bgc | bgd | bge | bgf | bgg | bgh | bgi | bgj | bgk | bgl | bgm | bgn | bgo | bgp | bgq | bgr | bgs | bgt | bgu | bgv | bgw | bgx | bgy | bgz | bha | bhb | bhc | bhd | bhe | bhf | bhg | bhh | bhi | bhj | bhk | bhl | bhm | bhn | bho | bhp | bhq | bhr | bhs | bht | bhu | bhv | bhw | bhx | bhy | bhz | bia | bib | bic | bid | bie | bif | big | bih | bii | bij | bik | bil | bim | bin | bio | bip | biq | bir | bis | bit | biu | biv | biw | bix | biy | biz | bja | bjb | bjc | bjd | bje | bjf | bjg | bjh | bji | bjj | bjk | bjl | bjm | bjn | bjo | bjp | bjq | bjr | bjs | bjt | bju | bjv | bjw | bjx | bjy | bjz | bka | bkb | bkc | bkd | bke | bkf | bkg | bkh | bki | bkj | bkk | bkl | bkm | bkn | bko | bkp | bkq | bkr | bks | bkt | bku | bkv | bkw | bkx | bky | bkz | bla | blb | blc | bld | ble | blf | blg | blh | bli | blj | blk | bll | blm | bln | blo | blp | blq | blr | bls | blt | blu | blv | blw | blx | bly | blz | bma | bmb | bmc | bmd | bme | bmf | bmg | bmh | bmi | bmj | bmk | bml | bmm | bmn | bmo | bmp | bmq | bmr | bms | bmt | bmu | bmv | bmw | bmx | bmy | bmz | bna | bnb | bnc | bnd | bne | bnf | bng | bnh | bni | bnj | bnk | bnl | bnm | bnn | bno | bnp | bnq | bnr | bns | bnt | bnu | bnv | bnw | bnx | bny | bnz | boa | bob | boc | bod | boe | bof | bog | boh | boi | boj | bok | bol | bom | bon | boo | bop | boq | bor | bos | bot | bou | bov | bow | box | boy | boz | bpa | bpb | bpc | bpd | bpe | bpf | bpg | bph | bpi | bpj | bpk | bpl | bpm | bpn | bpo | bpp | bpq | bpr | bps | bpt | bpu | bpv | bpw | bpx | bpy | bpz | bqa | bqb | bqc | bqd | bqe | bqf | bqg | bqh | bqi | bqj | bqk | bql | bqm | bqn | bqo | bqp | bqq | bqr | bqs | bqt | bqu | bqv | bqw | bqx | bqy | bqz | bra | brb | brc | brd | bre | brf | brg | brh | bri | brj | brk | brl | brm | brn | bro | brp | brq | brr | brs | brt | bru | brv | brw | brx | bry | brz | bsa | bsb | bsc | bsd | bse | bsf | bsg | bsh | bsi | bsj | bsk | bsl | bsm | bsn | bso | bsp | bsq | bsr | bss | bst | bsu | bsv | bsw | bsx | bsy | bsz | bta | btb | btc | btd | bte | btf | btg | bth | bti | btj | btk | btl | btm | btn | bto | btp | btq | btr | bts | btt | btu | btv | btw | btx | bty | btz | bua | bub | buc | bud | bue | buf | bug | buh | bui | buj | buk | bul | bum | bun | buo | bup | buq | bur | bus | but | buu | buv | buw | bux | buy | buz | bva | bvb | bvc | bvd | bve | bvf | bvg | bvh | bvi | bvj | bvk | bvl | bvm | bvn | bvo | bvp | bvq | bvr | bvs | bvt | bvu | bvv | bvw | bvx | bvy | bvz | bwa | bwb | bwc | bwd | bwe | bwf | bwg | bwh | bwi | bwj | bwk | bwl | bwm | bwn | bwo | bwp | bwq | bwr | bws | bwt | bwu | bwv | bww | bwx | bwy | bwz | bxa | bxb | bxc | bxd | bxe | bxf | bxg | bxh | bxi | bxj | bxk | bxl | bxm | bxn | bxo | bxp | bxq | bxr | bxs | bxt | bxu | bxv | bxw | bxx | bxy | bxz | bya | byb | byc | byd | bye | byf | byg | byh | byi | byj | byk | byl | bym | byn | byo | byp | byq | byr | bys | byt | byu | byv | byw | byx | byy | byz | bza | bzb | bzc | bzd | bze | bzf | bzg | bzh | bzi | bzj | bzk | bzl | bzm | bzn | bzo | bzp | bzq | bzr | bzs | bzt | bzu | bzv | bzw | bzx | bzy | bzz | caa | cab | cac | cad | cae | caf | cag | cah | cai | caj | cak | cal | cam | can | cao | cap | caq | car | cas | cat | cau | cav | caw | cax | cay | caz | cba | cbb | cbc | cbd | cbe | cbf | cbg | cbh | cbi | cbj | cbk | cbl | cbm | cbn | cbo | cbp | cbq | cbr | cbs | cbt | cbu | cbv | cbw | cbx | cby | cbz | cca | ccb | ccc | ccd | cce | ccf | ccg | cch | cci | ccj | cck | ccl | ccm | ccn | cco | ccp | ccq | ccr | ccs | cct | ccu | ccv | ccw | ccx | ccy | ccz | cda | cdb | cdc | cdd | cde | cdf | cdg | cdh | cdi | cdj | cdk | cdl | cdm | cdn | cdo | cdp | cdq | cdr | cds | cdt | cdu | cdv | cdw | cdx | cdy | cdz | cea | ceb | cec | ced | cee | cef | ceg | ceh | cei | cej | cek | cel | cem | cen | ceo | cep | ceq | cer | ces | cet | ceu | cev | cew | cex | cey | cez | cfa | cfb | cfc | cfd | cfe | cff | cfg | cfh | cfi | cfj | cfk | cfl | cfm | cfn | cfo | cfp | cfq | cfr | cfs | cft | cfu | cfv | cfw | cfx | cfy | cfz | cga | cgb | cgc | cgd | cge | cgf | cgg | cgh | cgi | cgj | cgk | cgl | cgm | cgn | cgo | cgp | cgq | cgr | cgs | cgt | cgu | cgv | cgw | cgx | cgy | cgz | cha | chb | chc | chd | che | chf | chg | chh | chi | chj | chk | chl | chm | chn | cho | chp | chq | chr | chs | cht | chu | chv | chw | chx | chy | chz | cia | cib | cic | cid | cie | cif | cig | cih | cii | cij | cik | cil | cim | cin | cio | cip | ciq | cir | cis | cit | ciu | civ | ciw | cix | ciy | ciz | cja | cjb | cjc | cjd | cje | cjf | cjg | cjh | cji | cjj | cjk | cjl | cjm | cjn | cjo | cjp | cjq | cjr | cjs | cjt | cju | cjv | cjw | cjx | cjy | cjz | cka | ckb | ckc | ckd | cke | ckf | ckg | ckh | cki | ckj | ckk | ckl | ckm | ckn | cko | ckp | ckq | ckr | cks | ckt | cku | ckv | ckw | ckx | cky | ckz | cla | clb | clc | cld | cle | clf | clg | clh | cli | clj | clk | cll | clm | cln | clo | clp | clq | clr | cls | clt | clu | clv | clw | clx | cly | clz | cma | cmb | cmc | cmd | cme | cmf | cmg | cmh | cmi | cmj | cmk | cml | cmm | cmn | cmo | cmp | cmq | cmr | cms | cmt | cmu | cmv | cmw | cmx | cmy | cmz | cna | cnb | cnc | cnd | cne | cnf | cng | cnh | cni | cnj | cnk | cnl | cnm | cnn | cno | cnp | cnq | cnr | cns | cnt | cnu | cnv | cnw | cnx | cny | cnz | coa | cob | coc | cod | coe | cof | cog | coh | coi | coj | cok | col | com | con | coo | cop | coq | cor | cos | cot | cou | cov | cow | cox | coy | coz | cpa | cpb | cpc | cpd | cpe | cpf | cpg | cph | cpi | cpj | cpk | cpl | cpm | cpn | cpo | cpp | cpq | cpr | cps | cpt | cpu | cpv | cpw | cpx | cpy | cpz | cqa | cqb | cqc | cqd | cqe | cqf | cqg | cqh | cqi | cqj | cqk | cql | cqm | cqn | cqo | cqp | cqq | cqr | cqs | cqt | cqu | cqv | cqw | cqx | cqy | cqz | cra | crb | crc | crd | cre | crf | crg | crh | cri | crj | crk | crl | crm | crn | cro | crp | crq | crr | crs | crt | cru | crv | crw | crx | cry | crz | csa | csb | csc | csd | cse | csf | csg | csh | csi | csj | csk | csl | csm | csn | cso | csp | csq | csr | css | cst | csu | csv | csw | csx | csy | csz | cta | ctb | ctc | ctd | cte | ctf | ctg | cth | cti | ctj | ctk | ctl | ctm | ctn | cto | ctp | ctq | ctr | cts | ctt | ctu | ctv | ctw | ctx | cty | ctz | cua | cub | cuc | cud | cue | cuf | cug | cuh | cui | cuj | cuk | cul | cum | cun | cuo | cup | cuq | cur | cus | cut | cuu | cuv | cuw | cux | cuy | cuz | cva | cvb | cvc | cvd | cve | cvf | cvg | cvh | cvi | cvj | cvk | cvl | cvm | cvn | cvo | cvp | cvq | cvr | cvs | cvt | cvu | cvv | cvw | cvx | cvy | cvz | cwa | cwb | cwc | cwd | cwe | cwf | cwg | cwh | cwi | cwj | cwk | cwl | cwm | cwn | cwo | cwp | cwq | cwr | cws | cwt | cwu | cwv | cww | cwx | cwy | cwz | cxa | cxb | cxc | cxd | cxe | cxf | cxg | cxh | cxi | cxj | cxk | cxl | cxm | cxn | cxo | cxp | cxq | cxr | cxs | cxt | cxu | cxv | cxw | cxx | cxy | cxz | cya | cyb | cyc | cyd | cye | cyf | cyg | cyh | cyi | cyj | cyk | cyl | cym | cyn | cyo | cyp | cyq | cyr | cys | cyt | cyu | cyv | cyw | cyx | cyy | cyz | cza | czb | czc | czd | cze | czf | czg | czh | czi | czj | czk | czl | czm | czn | czo | czp | czq | czr | czs | czt | czu | czv | czw | czx | czy | czz | daa | dab | dac | dad | dae | daf | dag | dah | dai | daj | dak | dal | dam | dan | dao | dap | daq | dar | das | dat | dau | dav | daw | dax | day | daz | dba | dbb | dbc | dbd | dbe | dbf | dbg | dbh | dbi | dbj | dbk | dbl | dbm | dbn | dbo | dbp | dbq | dbr | dbs | dbt | dbu | dbv | dbw | dbx | dby | dbz | dca | dcb | dcc | dcd | dce | dcf | dcg | dch | dci | dcj | dck | dcl | dcm | dcn | dco | dcp | dcq | dcr | dcs | dct | dcu | dcv | dcw | dcx | dcy | dcz | dda | ddb | ddc | ddd | dde | ddf | ddg | ddh | ddi | ddj | ddk | ddl | ddm | ddn | ddo | ddp | ddq | ddr | dds | ddt | ddu | ddv | ddw | ddx | ddy | ddz | dea | deb | dec | ded | dee | def | deg | deh | dei | dej | dek | del | dem | den | deo | dep | deq | der | des | det | deu | dev | dew | dex | dey | dez | dfa | dfb | dfc | dfd | dfe | dff | dfg | dfh | dfi | dfj | dfk | dfl | dfm | dfn | dfo | dfp | dfq | dfr | dfs | dft | dfu | dfv | dfw | dfx | dfy | dfz | dga | dgb | dgc | dgd | dge | dgf | dgg | dgh | dgi | dgj | dgk | dgl | dgm | dgn | dgo | dgp | dgq | dgr | dgs | dgt | dgu | dgv | dgw | dgx | dgy | dgz | dha | dhb | dhc | dhd | dhe | dhf | dhg | dhh | dhi | dhj | dhk | dhl | dhm | dhn | dho | dhp | dhq | dhr | dhs | dht | dhu | dhv | dhw | dhx | dhy | dhz | dia | dib | dic | did | die | dif | dig | dih | dii | dij | dik | dil | dim | din | dio | dip | diq | dir | dis | dit | diu | div | diw | dix | diy | diz | dja | djb | djc | djd | dje | djf | djg | djh | dji | djj | djk | djl | djm | djn | djo | djp | djq | djr | djs | djt | dju | djv | djw | djx | djy | djz | dka | dkb | dkc | dkd | dke | dkf | dkg | dkh | dki | dkj | dkk | dkl | dkm | dkn | dko | dkp | dkq | dkr | dks | dkt | dku | dkv | dkw | dkx | dky | dkz | dla | dlb | dlc | dld | dle | dlf | dlg | dlh | dli | dlj | dlk | dll | dlm | dln | dlo | dlp | dlq | dlr | dls | dlt | dlu | dlv | dlw | dlx | dly | dlz | dma | dmb | dmc | dmd | dme | dmf | dmg | dmh | dmi | dmj | dmk | dml | dmm | dmn | dmo | dmp | dmq | dmr | dms | dmt | dmu | dmv | dmw | dmx | dmy | dmz | dna | dnb | dnc | dnd | dne | dnf | dng | dnh | dni | dnj | dnk | dnl | dnm | dnn | dno | dnp | dnq | dnr | dns | dnt | dnu | dnv | dnw | dnx | dny | dnz | doa | dob | doc | dod | doe | dof | dog | doh | doi | doj | dok | dol | dom | don | doo | dop | doq | dor | dos | dot | dou | dov | dow | dox | doy | doz | dpa | dpb | dpc | dpd | dpe | dpf | dpg | dph | dpi | dpj | dpk | dpl | dpm | dpn | dpo | dpp | dpq | dpr | dps | dpt | dpu | dpv | dpw | dpx | dpy | dpz | dqa | dqb | dqc | dqd | dqe | dqf | dqg | dqh | dqi | dqj | dqk | dql | dqm | dqn | dqo | dqp | dqq | dqr | dqs | dqt | dqu | dqv | dqw | dqx | dqy | dqz | dra | drb | drc | drd | dre | drf | drg | drh | dri | drj | drk | drl | drm | drn | dro | drp | drq | drr | drs | drt | dru | drv | drw | drx | dry | drz | dsa | dsb | dsc | dsd | dse | dsf | dsg | dsh | dsi | dsj | dsk | dsl | dsm | dsn | dso | dsp | dsq | dsr | dss | dst | dsu | dsv | dsw | dsx | dsy | dsz | dta | dtb | dtc | dtd | dte | dtf | dtg | dth | dti | dtj | dtk | dtl | dtm | dtn | dto | dtp | dtq | dtr | dts | dtt | dtu | dtv | dtw | dtx | dty | dtz | dua | dub | duc | dud | due | duf | dug | duh | dui | duj | duk | dul | dum | dun | duo | dup | duq | dur | dus | dut | duu | duv | duw | dux | duy | duz | dva | dvb | dvc | dvd | dve | dvf | dvg | dvh | dvi | dvj | dvk | dvl | dvm | dvn | dvo | dvp | dvq | dvr | dvs | dvt | dvu | dvv | dvw | dvx | dvy | dvz | dwa | dwb | dwc | dwd | dwe | dwf | dwg | dwh | dwi | dwj | dwk | dwl | dwm | dwn | dwo | dwp | dwq | dwr | dws | dwt | dwu | dwv | dww | dwx | dwy | dwz | dxa | dxb | dxc | dxd | dxe | dxf | dxg | dxh | dxi | dxj | dxk | dxl | dxm | dxn | dxo | dxp | dxq | dxr | dxs | dxt | dxu | dxv | dxw | dxx | dxy | dxz | dya | dyb | dyc | dyd | dye | dyf | dyg | dyh | dyi | dyj | dyk | dyl | dym | dyn | dyo | dyp | dyq | dyr | dys | dyt | dyu | dyv | dyw | dyx | dyy | dyz | dza | dzb | dzc | dzd | dze | dzf | dzg | dzh | dzi | dzj | dzk | dzl | dzm | dzn | dzo | dzp | dzq | dzr | dzs | dzt | dzu | dzv | dzw | dzx | dzy | dzz | eaa | eab | eac | ead | eae | eaf | eag | eah | eai | eaj | eak | eal | eam | ean | eao | eap | eaq | ear | eas | eat | eau | eav | eaw | eax | eay | eaz | eba | ebb | ebc | ebd | ebe | ebf | ebg | ebh | ebi | ebj | ebk | ebl | ebm | ebn | ebo | ebp | ebq | ebr | ebs | ebt | ebu | ebv | ebw | ebx | eby | ebz | eca | ecb | ecc | ecd | ece | ecf | ecg | ech | eci | ecj | eck | ecl | ecm | ecn | eco | ecp | ecq | ecr | ecs | ect | ecu | ecv | ecw | ecx | ecy | ecz | eda | edb | edc | edd | ede | edf | edg | edh | edi | edj | edk | edl | edm | edn | edo | edp | edq | edr | eds | edt | edu | edv | edw | edx | edy | edz | eea | eeb | eec | eed | eee | eef | eeg | eeh | eei | eej | eek | eel | eem | een | eeo | eep | eeq | eer | ees | eet | eeu | eev | eew | eex | eey | eez | efa | efb | efc | efd | efe | eff | efg | efh | efi | efj | efk | efl | efm | efn | efo | efp | efq | efr | efs | eft | efu | efv | efw | efx | efy | efz | ega | egb | egc | egd | ege | egf | egg | egh | egi | egj | egk | egl | egm | egn | ego | egp | egq | egr | egs | egt | egu | egv | egw | egx | egy | egz | eha | ehb | ehc | ehd | ehe | ehf | ehg | ehh | ehi | ehj | ehk | ehl | ehm | ehn | eho | ehp | ehq | ehr | ehs | eht | ehu | ehv | ehw | ehx | ehy | ehz | eia | eib | eic | eid | eie | eif | eig | eih | eii | eij | eik | eil | eim | ein | eio | eip | eiq | eir | eis | eit | eiu | eiv | eiw | eix | eiy | eiz | eja | ejb | ejc | ejd | eje | ejf | ejg | ejh | eji | ejj | ejk | ejl | ejm | ejn | ejo | ejp | ejq | ejr | ejs | ejt | eju | ejv | ejw | ejx | ejy | ejz | eka | ekb | ekc | ekd | eke | ekf | ekg | ekh | eki | ekj | ekk | ekl | ekm | ekn | eko | ekp | ekq | ekr | eks | ekt | eku | ekv | ekw | ekx | eky | ekz | ela | elb | elc | eld | ele | elf | elg | elh | eli | elj | elk | ell | elm | eln | elo | elp | elq | elr | els | elt | elu | elv | elw | elx | ely | elz | ema | emb | emc | emd | eme | emf | emg | emh | emi | emj | emk | eml | emm | emn | emo | emp | emq | emr | ems | emt | emu | emv | emw | emx | emy | emz | ena | enb | enc | end | ene | enf | eng | enh | eni | enj | enk | enl | enm | enn | eno | enp | enq | enr | ens | ent | enu | env | enw | enx | eny | enz | eoa | eob | eoc | eod | eoe | eof | eog | eoh | eoi | eoj | eok | eol | eom | eon | eoo | eop | eoq | eor | eos | eot | eou | eov | eow | eox | eoy | eoz | epa | epb | epc | epd | epe | epf | epg | eph | epi | epj | epk | epl | epm | epn | epo | epp | epq | epr | eps | ept | epu | epv | epw | epx | epy | epz | eqa | eqb | eqc | eqd | eqe | eqf | eqg | eqh | eqi | eqj | eqk | eql | eqm | eqn | eqo | eqp | eqq | eqr | eqs | eqt | equ | eqv | eqw | eqx | eqy | eqz | era | erb | erc | erd | ere | erf | erg | erh | eri | erj | erk | erl | erm | ern | ero | erp | erq | err | ers | ert | eru | erv | erw | erx | ery | erz | esa | esb | esc | esd | ese | esf | esg | esh | esi | esj | esk | esl | esm | esn | eso | esp | esq | esr | ess | est | esu | esv | esw | esx | esy | esz | eta | etb | etc | etd | ete | etf | etg | eth | eti | etj | etk | etl | etm | etn | eto | etp | etq | etr | ets | ett | etu | etv | etw | etx | ety | etz | eua | eub | euc | eud | eue | euf | eug | euh | eui | euj | euk | eul | eum | eun | euo | eup | euq | eur | eus | eut | euu | euv | euw | eux | euy | euz | eva | evb | evc | evd | eve | evf | evg | evh | evi | evj | evk | evl | evm | evn | evo | evp | evq | evr | evs | evt | evu | evv | evw | evx | evy | evz | ewa | ewb | ewc | ewd | ewe | ewf | ewg | ewh | ewi | ewj | ewk | ewl | ewm | ewn | ewo | ewp | ewq | ewr | ews | ewt | ewu | ewv | eww | ewx | ewy | ewz | exa | exb | exc | exd | exe | exf | exg | exh | exi | exj | exk | exl | exm | exn | exo | exp | exq | exr | exs | ext | exu | exv | exw | exx | exy | exz | eya | eyb | eyc | eyd | eye | eyf | eyg | eyh | eyi | eyj | eyk | eyl | eym | eyn | eyo | eyp | eyq | eyr | eys | eyt | eyu | eyv | eyw | eyx | eyy | eyz | eza | ezb | ezc | ezd | eze | ezf | ezg | ezh | ezi | ezj | ezk | ezl | ezm | ezn | ezo | ezp | ezq | ezr | ezs | ezt | ezu | ezv | ezw | ezx | ezy | ezz | faa | fab | fac | fad | fae | faf | fag | fah | fai | faj | fak | fal | fam | fan | fao | fap | faq | far | fas | fat | fau | fav | faw | fax | fay | faz | fba | fbb | fbc | fbd | fbe | fbf | fbg | fbh | fbi | fbj | fbk | fbl | fbm | fbn | fbo | fbp | fbq | fbr | fbs | fbt | fbu | fbv | fbw | fbx | fby | fbz | fca | fcb | fcc | fcd | fce | fcf | fcg | fch | fci | fcj | fck | fcl | fcm | fcn | fco | fcp | fcq | fcr | fcs | fct | fcu | fcv | fcw | fcx | fcy | fcz | fda | fdb | fdc | fdd | fde | fdf | fdg | fdh | fdi | fdj | fdk | fdl | fdm | fdn | fdo | fdp | fdq | fdr | fds | fdt | fdu | fdv | fdw | fdx | fdy | fdz | fea | feb | fec | fed | fee | fef | feg | feh | fei | fej | fek | fel | fem | fen | feo | fep | feq | fer | fes | fet | feu | fev | few | fex | fey | fez | ffa | ffb | ffc | ffd | ffe | fff | ffg | ffh | ffi | ffj | ffk | ffl | ffm | ffn | ffo | ffp | ffq | ffr | ffs | fft | ffu | ffv | ffw | ffx | ffy | ffz | fga | fgb | fgc | fgd | fge | fgf | fgg | fgh | fgi | fgj | fgk | fgl | fgm | fgn | fgo | fgp | fgq | fgr | fgs | fgt | fgu | fgv | fgw | fgx | fgy | fgz | fha | fhb | fhc | fhd | fhe | fhf | fhg | fhh | fhi | fhj | fhk | fhl | fhm | fhn | fho | fhp | fhq | fhr | fhs | fht | fhu | fhv | fhw | fhx | fhy | fhz | fia | fib | fic | fid | fie | fif | fig | fih | fii | fij | fik | fil | fim | fin | fio | fip | fiq | fir | fis | fit | fiu | fiv | fiw | fix | fiy | fiz | fja | fjb | fjc | fjd | fje | fjf | fjg | fjh | fji | fjj | fjk | fjl | fjm | fjn | fjo | fjp | fjq | fjr | fjs | fjt | fju | fjv | fjw | fjx | fjy | fjz | fka | fkb | fkc | fkd | fke | fkf | fkg | fkh | fki | fkj | fkk | fkl | fkm | fkn | fko | fkp | fkq | fkr | fks | fkt | fku | fkv | fkw | fkx | fky | fkz | fla | flb | flc | fld | fle | flf | flg | flh | fli | flj | flk | fll | flm | fln | flo | flp | flq | flr | fls | flt | flu | flv | flw | flx | fly | flz | fma | fmb | fmc | fmd | fme | fmf | fmg | fmh | fmi | fmj | fmk | fml | fmm | fmn | fmo | fmp | fmq | fmr | fms | fmt | fmu | fmv | fmw | fmx | fmy | fmz | fna | fnb | fnc | fnd | fne | fnf | fng | fnh | fni | fnj | fnk | fnl | fnm | fnn | fno | fnp | fnq | fnr | fns | fnt | fnu | fnv | fnw | fnx | fny | fnz | foa | fob | foc | fod | foe | fof | fog | foh | foi | foj | fok | fol | fom | fon | foo | fop | foq | for | fos | fot | fou | fov | fow | fox | foy | foz | fpa | fpb | fpc | fpd | fpe | fpf | fpg | fph | fpi | fpj | fpk | fpl | fpm | fpn | fpo | fpp | fpq | fpr | fps | fpt | fpu | fpv | fpw | fpx | fpy | fpz | fqa | fqb | fqc | fqd | fqe | fqf | fqg | fqh | fqi | fqj | fqk | fql | fqm | fqn | fqo | fqp | fqq | fqr | fqs | fqt | fqu | fqv | fqw | fqx | fqy | fqz | fra | frb | frc | frd | fre | frf | frg | frh | fri | frj | frk | frl | frm | frn | fro | frp | frq | frr | frs | frt | fru | frv | frw | frx | fry | frz | fsa | fsb | fsc | fsd | fse | fsf | fsg | fsh | fsi | fsj | fsk | fsl | fsm | fsn | fso | fsp | fsq | fsr | fss | fst | fsu | fsv | fsw | fsx | fsy | fsz | fta | ftb | ftc | ftd | fte | ftf | ftg | fth | fti | ftj | ftk | ftl | ftm | ftn | fto | ftp | ftq | ftr | fts | ftt | ftu | ftv | ftw | ftx | fty | ftz | fua | fub | fuc | fud | fue | fuf | fug | fuh | fui | fuj | fuk | ful | fum | fun | fuo | fup | fuq | fur | fus | fut | fuu | fuv | fuw | fux | fuy | fuz | fva | fvb | fvc | fvd | fve | fvf | fvg | fvh | fvi | fvj | fvk | fvl | fvm | fvn | fvo | fvp | fvq | fvr | fvs | fvt | fvu | fvv | fvw | fvx | fvy | fvz | fwa | fwb | fwc | fwd | fwe | fwf | fwg | fwh | fwi | fwj | fwk | fw



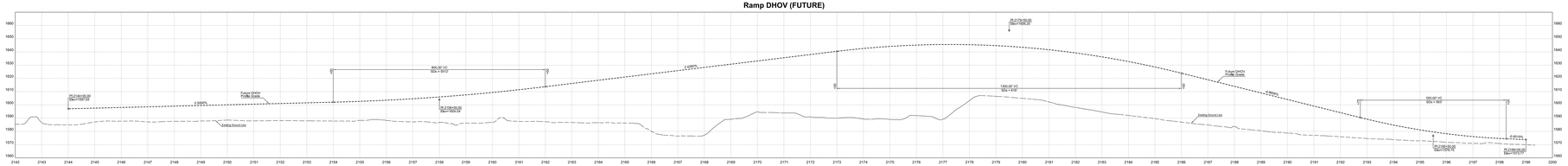
CURVE DATA										
CURVE No.	DESCRIPTION	CURVE TYPE	STATION	NORTHING	EASTING	a	b	c	d	e	D.C.	SLOPE
100	24" SSF RC CG 1	PVI	1+00.00	1,000,000.000	1,000,000.000							
	24" SSF RC CG 1	PC	0+50.00	1,000,000.000	999,950.000							
	24" SSF RC CG 1	PT	1+50.00	1,000,000.000	1,000,050.000							
101	24" SSF RC CG 2	PVI	2+00.00	1,000,000.000	1,000,100.000							
	24" SSF RC CG 2	PC	1+50.00	1,000,000.000	1,000,050.000							
	24" SSF RC CG 2	PT	2+50.00	1,000,000.000	1,000,150.000							
102	24" SSF RC CG 3	PVI	3+00.00	1,000,000.000	1,000,200.000							
	24" SSF RC CG 3	PC	2+50.00	1,000,000.000	1,000,150.000							
	24" SSF RC CG 3	PT	3+50.00	1,000,000.000	1,000,250.000							
103	24" SSF RC CG 4	PVI	4+00.00	1,000,000.000	1,000,300.000							
	24" SSF RC CG 4	PC	3+50.00	1,000,000.000	1,000,250.000							
	24" SSF RC CG 4	PT	4+50.00	1,000,000.000	1,000,350.000							
104	24" SSF RC CG 5	PVI	5+00.00	1,000,000.000	1,000,400.000							
	24" SSF RC CG 5	PC	4+50.00	1,000,000.000	1,000,350.000							
	24" SSF RC CG 5	PT	5+50.00	1,000,000.000	1,000,450.000							
105	24" SSF RC CG 6	PVI	6+00.00	1,000,000.000	1,000,500.000							
	24" SSF RC CG 6	PC	5+50.00	1,000,000.000	1,000,450.000							
	24" SSF RC CG 6	PT	6+50.00	1,000,000.000	1,000,550.000							
106	24" SSF RC CG 7	PVI	7+00.00	1,000,000.000	1,000,600.000							
	24" SSF RC CG 7	PC	6+50.00	1,000,000.000	1,000,550.000							
	24" SSF RC CG 7	PT	7+50.00	1,000,000.000	1,000,650.000							
107	24" SSF RC CG 8	PVI	8+00.00	1,000,000.000	1,000,700.000							
	24" SSF RC CG 8	PC	7+50.00	1,000,000.000	1,000,650.000							
	24" SSF RC CG 8	PT	8+50.00	1,000,000.000	1,000,750.000							
108	24" SSF RC CG 9	PVI	9+00.00	1,000,000.000	1,000,800.000							
	24" SSF RC CG 9	PC	8+50.00	1,000,000.000	1,000,750.000							
	24" SSF RC CG 9	PT	9+50.00	1,000,000.000	1,000,850.000							
109	24" SSF RC CG 10	PVI	10+00.00	1,000,000.000	1,000,900.000							
	24" SSF RC CG 10	PC	9+50.00	1,000,000.000	1,000,850.000							
	24" SSF RC CG 10	PT	10+50.00	1,000,000.000	1,000,950.000							
110	24" SSF RC CG 11	PVI	11+00.00	1,000,000.000	1,001,000.000							
	24" SSF RC CG 11	PC	10+50.00	1,000,000.000	1,000,950.000							
	24" SSF RC CG 11	PT	11+50.00	1,000,000.000	1,001,050.000							
111	24" SSF RC CG 12	PVI	12+00.00	1,000,000.000	1,001,100.000							
	24" SSF RC CG 12	PC	11+50.00	1,000,000.000	1,001,050.000							
	24" SSF RC CG 12	PT	12+50.00	1,000,000.000	1,001,150.000							
112	24" SSF RC CG 13	PVI	13+00.00	1,000,000.000	1,001,200.000							
	24" SSF RC CG 13	PC	12+50.00	1,000,000.000	1,001,150.000							
	24" SSF RC CG 13	PT	13+50.00	1,000,000.000	1,001,250.000							
113	24" SSF RC CG 14	PVI	14+00.00	1,000,000.000	1,001,300.000							
	24" SSF RC CG 14	PC	13+50.00	1,000,000.000	1,001,250.000							
	24" SSF RC CG 14	PT	14+50.00	1,000,000.000	1,001,350.000							
114	24" SSF RC CG 15	PVI	15+00.00	1,000,000.000	1,001,400.000							
	24" SSF RC CG 15	PC	14+50.00	1,000,000.000	1,001,350.000							
	24" SSF RC CG 15	PT	15+50.00	1,000,000.000	1,001,450.000							
115	24" SSF RC CG 16	PVI	16+00.00	1,000,000.000	1,001,500.000							
	24" SSF RC CG 16	PC	15+50.00	1,000,000.000	1,001,450.000							
	24" SSF RC CG 16	PT	16+50.00	1,000,000.000	1,001,550.000							
116	24" SSF RC CG 17	PVI	17+00.00	1,000,000.000	1,001,600.000							
	24" SSF RC CG 17	PC	16+50.00	1,000,000.000	1,001,550.000							
	24" SSF RC CG 17	PT	17+50.00	1,000,000.000	1,001,650.000							
117	24" SSF RC CG 18	PVI	18+00.00	1,000,000.000	1,001,700.000							
	24" SSF RC CG 18	PC	17+50.00	1,000,000.000	1,001,650.000							
	24" SSF RC CG 18	PT	18+50.00	1,000,000.000	1,001,750.000							
118	24" SSF RC CG 19	PVI	19+00.00	1,000,000.000	1,001,800.000							
	24" SSF RC CG 19	PC	18+50.00	1,000,000.000	1,001,750.000							
	24" SSF RC CG 19	PT	19+50.00	1,000,000.000	1,001,850.000							
119	24" SSF RC CG 20	PVI	20+00.00	1,000,000.000	1,001,900.000							
	24" SSF RC CG 20	PC	19+50.00	1,000,000.000	1,001,850.000							
	24" SSF RC CG 20	PT	20+50.00	1,000,000.000	1,001,950.000							
120	24" SSF RC CG 21	PVI	21+00.00	1,000,000.000	1,002,000.000							
	24" SSF RC CG 21	PC	20+50.00	1,000,000.000	1,001,950.000							
	24" SSF RC CG 21	PT	21+50.00	1,000,000.000	1,002,050.000							
121	24" SSF RC CG 22	PVI	22+00.00	1,000,000.000	1,002,100.000							
	24" SSF RC CG 22	PC	21+50.00	1,000,000.000	1,002,050.000							
	24" SSF RC CG 22	PT	22+50.00	1,000,000.000	1,002,150.000							
122	24" SSF RC CG 23	PVI	23+00.00	1,000,000.000	1,002,200.000							
	24" SSF RC CG 23	PC	22+50.00	1,000,000.000	1,002,150.000							
	24" SSF RC CG 23	PT	23+50.00	1,000,000.000	1,002,250.000							
123	24" SSF RC CG 24	PVI	24+00.00	1,000,000.000	1,002,300.000							
	24" SSF RC CG 24	PC	23+50.00	1,000,000.000	1,002,250.000							
	24" SSF RC CG 24	PT	24+50.00	1,000,000.000	1,002,350.000							
124	24" SSF RC CG 25	PVI	25+00.00	1,000,000.000	1,002,400.000							
	24" SSF RC CG 25	PC	24+50.00	1,000,000.000	1,002,350.000							
	24" SSF RC CG 25	PT	25+50.00	1,000,000.000	1,002,450.000							
125	24" SSF RC CG 26	PVI	26+00.00	1,000,000.000	1,002,500.000							
	24" SSF RC CG 26	PC	25+50.00	1,000,000.000	1,002,450.000							
	24" SSF RC CG 26	PT	26+50.00	1,000,000.000	1,002,550.000							
126	24" SSF RC CG 27	PVI	27+00.00	1,000,000.000	1,002,600.000							
	24" SSF RC CG 27	PC	26+50.00	1,000,000.000	1,002,550.000							
	24" SSF RC CG 27	PT	27+50.00	1,000,000.000	1,002,650.000							
127	24" SSF RC CG 28	PVI	28+00.00	1,000,000.000	1,002,700.000							
	24" SSF RC CG 28	PC	27+50.00	1,000,000.000	1,002,650.000							
	24" SSF RC CG 28	PT	28+50.00	1,000,000.000	1,002,750.000							
128	24" SSF RC CG 29	PVI	29+00.00	1,000,000.000	1,002,800.000							
	24" SSF RC CG 29	PC	28+50.00	1,000,000.000	1,002,750.000							
	24" SSF RC CG 29	PT	29+50.00	1,000,000.000	1,002,850.000							
129	24" SSF RC CG 30	PVI	30+00.00	1,000,000.000	1,002,900.000							
	24" SSF RC CG 30	PC	29+50.00	1,000,000.000	1,002,850.000							
	24" SSF RC CG 30	PT	30+50.00	1,000,000.000	1,002,950.000							
130	24" SSF RC CG 31	PVI	31+00.00	1,000,000.000	1,003,000.000							
	24" SSF RC CG 31	PC	30+50.00	1,000,000.000	1,002,950.000							
	24" SSF RC CG 31	PT	31+50.00	1,000,000.000	1,003,050.000							
131	24" SSF RC CG 32	PVI	32+00.00	1,000,000.000	1,003,100.000							
	24" SSF RC CG 32	PC	31+50.00	1,000,000.000	1,003,050.000							
	24" SSF RC CG 32	PT	32+50.00	1,000,000.000	1,003,150.000							
132	24" SSF RC CG 33	PVI	33+00.00	1,000,000.000	1,003,200.000							
	24" SSF RC CG 33	PC	32+50.00	1,000,000.000	1,003,150.000							
	24" SSF RC CG 33	PT	33+50.00	1,000,000.000	1,003,250.000							
133	24" SSF RC CG 34	PVI	34+00.00	1,000,000.000	1,003,300.000							
	24" SSF RC CG 34	PC	33+50.00	1,000,000.000	1,003,250.000							
	24" SSF RC CG 34	PT	34+50.00	1,000,000.000	1,003,350.000							
134	24" SSF RC CG 35	PVI	35+00.00	1,000,000.000	1,003,400.000							
	24" SSF RC CG 35	PC	34+50.00	1,000,000.000	1,003,350.000							
	24" SSF RC CG 35	PT	35+50.00	1,000,000.000	1,003,450.000							
135	24" SSF RC CG 36	PVI	36+00.00	1,000,000.000	1,003,500.000							
	24" SSF RC CG 36	PC	35+50.00	1,000,000.000	1,003,450.000							
	24" SSF RC CG 36	PT	36+50.00	1,000,000.000	1,003,550.000							
136	24" SSF RC CG 37	PVI	37+00.00	1,000,000.000	1,003,600.000							
	24" SSF RC CG 37	PC	36+50.00	1,000,000.000	1,003,550.000							
	24" SSF RC CG 37	PT	37+50.00	1,000,000.000	1,003,650.000							
137	24" SSF RC CG 38	PVI	38+00.00	1,000,000.000	1,003,700.000							
	24" SSF RC CG 38	PC	37+50.00	1,000,000.000	1,003,650.000							
	24" SSF RC CG 38	PT	38+50.00	1,000,000.000	1,003,750.000							
138	24" SSF RC CG 39	PVI	39+00.00	1,000,000.000	1,003,800.000							
	24" SSF RC CG 39	PC	38+50.00	1,000,000.000	1,003,750.000							
	24" SSF RC CG 39	PT	39+50.00	1,000,000.000	1,003,850.000							
139	24" SSF RC CG 40	PVI	40+00.00	1,000,000.000	1,003,900.000							
	24" SSF RC CG 40	PC	39+50.00	1,000,000.000	1,003,850.000							
	24" SSF RC CG 40	PT	40+50.00	1,000,000.000	1,003,950.000							
140	24" SSF RC CG 41	PVI	41+00.00	1,000,000.000	1,004,000.000							
	24" SSF RC CG 41	PC	40+50.00	1,000,000.000	1,003,950.000							
	24" SSF RC CG 41	PT	41+50.00	1,000,000.000	1,004,050.000							
141	24" SSF RC CG 42	PVI	42+00.00	1,000,000.000	1,004,100.000							
	24" SSF RC CG 42	PC	41+50.00	1,000,000.000	1,004,050.000							
	24" SSF RC CG 42	PT	42+50.00	1,000,000.000	1,004,150.000							
142	24" SSF RC CG 43	PVI	43+00.00	1,000,000.000	1,004,200.000							
	24" SSF RC CG 43	PC	42+50.00	1,000,000.000	1,004,150.000							
	24" SSF RC CG 43	PT	43+50.00	1,000,000.000	1,004,250.000							
143	24" SSF RC CG 44	PVI	44+00.00	1,000,000.000	1,004,300.000							
	24" SSF RC CG 44	PC	43+50.00	1,000,000.000	1,004,250.000							
	24" SSF RC CG 44	PT	44+50.00	1,000,000.000	1,004,350.000							
144	24" SSF RC CG 45	PVI	45+00.00	1,000,000.000	1,004,400.000							
	24" SSF RC CG 45	PC	44+50.00	1,000,000.000	1,004,350.000							
	24" SSF RC CG 45	PT	45+50.00	1,000,000.000	1,004,450.000							
145	24" SSF RC CG 46	PVI	46+00.00	1,000,000.000	1,004,500.000							
	24" SSF RC CG 46	PC	45+50.00	1,000,000.000	1,004,450.000							
	24" SSF RC CG 46	PT	46+50.00	1,000,000.000	1,004,550.000							
146	24" SSF RC CG 47	PVI	47+00.00	1,000,000.000	1,004,600.000							
	24" SSF RC CG 47	PC	46+50.00	1,000,000.000	1,004,550.000							
	24" SSF RC CG 47	PT	47+50.00	1,000,000.000	1,004,650.000							
147	24" SSF RC CG 48	PVI	48+00.00	1,000,000.000	1,004,700.000							
	24" SSF RC CG 48	PC	47+50.00	1,000,000.000	1,004,650.000							
	24" SSF RC CG 48	PT	48+50.00	1,000,000.000	1,004,750.000							
148	24" SSF RC CG 49	PVI	49+00.00	1,000,000.000	1,004,800.000							
	24" SSF RC CG 49	PC	48+50.00	1,000,000.000	1,004,750.000							
	24" SSF RC CG 49	PT	49+50.00	1,000,000.000	1,004,850.000							
149	24" SSF RC CG 50	PVI	50+00.00	1,000,000.000	1,004,900.000							
	24" SSF RC CG 50	PC	49+50.00	1,000,000.000	1,004,850.000							
	24" SSF RC CG 50	PT	50+50.00	1,000,000.000	1,004,950.000							
150	24" SSF RC CG 51	PVI	51+00.00	1,000,000.000	1,005,000.000							
	24" SSF RC CG 51	PC	50+50.00	1,000,000.000	1,004,950.000							
	24" SSF RC CG 51	PT	51+50.00	1,000,000.000	1,005,050.000							
151	24" SSF RC CG 52	PVI	52+00.00	1,000,000.000	1,005,100.000							
	24" SSF RC CG 52	PC	51+50.00	1,000,000.000	1,005,050.000							
	24" SSF RC CG 52	PT	52+50.00	1,000,000.000	1,005,150.000							
152	24" SSF RC CG 53	PVI	53+00.00	1,000,000.000	1,005,200.000							
	24" SSF RC CG 53	PC	52+50.00	1,000,000.000	1,005,150.000							
	24" SSF RC CG 53	PT	53+50.00	1,000,000.000	1,005,250.000							
153	24" SSF RC CG 54	PVI	54+00.00	1,000,000.000	1,005,300.000							
	24" SSF RC CG 54	PC	53+50.00	1,000,000.000	1,005,250.000							
	24" SSF RC CG 54	PT	54+50.00	1,000,000.000	1,005,350.000							
154	24" SSF RC CG 55	PVI	55+00.00	1,000,000.000	1,005,400.000							
	24" SSF RC CG 55	PC	54+50.00	1,000,000.000	1,005,350.000							
	24" SSF RC CG 55	PT	55+50.00	1,000,000.000	1,005,450.000							
155	24" SSF RC CG 56	PVI	56+00.00	1,000,000.000	1,005,500.000							
	24" SSF RC CG 56	PC	55+50.00	1,000,000.000	1,005,450.000							
	24" SSF RC CG 56	PT	56+50.00	1,000,000.000	1,005,550.000							
156	24" SSF RC CG 57	PVI	57+00.00	1,000,000.000	1,005,600.000							
	24" SSF RC CG 57	PC	56+50.00	1,000,000.000	1,005,550.000							
	24" SSF RC CG 57	PT	57+50.00	1,000,000.000	1,005,650.000							
157	24" SSF RC CG 58	PVI	58+00.00	1,000,000.000	1,005,700.000							
	24" SSF RC CG 58	PC	57+50.00	1,000,000.000	1,005,650.000							
	24" SSF RC CG 58	PT	58+50.00	1,000,000.000	1,005,750.000							
158	24" SSF RC CG 59	PVI	59+00.00	1,000,000.000	1,005,800.000							
	24" SSF RC CG 59	PC	58+50.00	1,000,000.000	1,005,750.000							
	24" SSF RC CG 59	PT	59+50.00	1,000,000.000	1,005,850.000							
159	24" SSF RC CG 60	PVI	60+00.00	1,000,000.000	1,005,900.000							
	24" SSF RC CG 60	PC	59+50.00	1,000,000.000	1,005,850.000							
	24" SSF RC CG 60	PT	60+50.00	1,000,000.000	1,005,950.000							
160	24" SSF RC CG 61	PVI	61+00.00	1,000,000.000	1,006,000.000							
	24" SSF RC CG 61	PC	60+50.00	1,000,000.000	1,005,950.000							
	24" SSF RC CG 61	PT	61+50.00	1,000,000.000	1,006,050.000							
161	24" SSF RC CG 62	PVI	62+00.00	1,000,000.000	1,006,100.000							
	24" SSF RC CG 62	PC	61+50.00	1,000,000.000	1,006,050.000							
	24" SSF RC CG 62	PT	62+50.00	1,000,000.000	1,006,150.000							
162	24" SSF RC CG 63	PVI	63+00.00	1,000,000.000	1,006,200.000							
	24" SSF RC CG 63	PC	62+50.00	1,000,000.000	1,006,150.000							
	24" SSF RC CG 63	PT	63+50.00	1,000,000.000	1,006,250.000							
163	24" SSF RC CG 64	PVI	64+00.00	1,000,000.000	1,006,300.000							
	24" SSF RC CG 64	PC	63+50.00	1,000,000.000	1,006,250.000							
	24" SSF RC CG 64	PT	64+50.00	1,000,000.000	1,006,350.000							
164	24" SSF RC CG 65	PVI	65+00.00	1,000,000.000	1,006,400.000							
	24" SSF RC CG 65	PC	64+50.00	1,000,000.000	1,006,350.000							
	24" SSF RC CG 65	PT	65+50.00	1,000,000.000	1,006,450.000							
165	24" SSF RC CG 66	PVI	66+00.00	1,000,000.000	1,006,500.000							
	24" SSF RC CG 66	PC	65+50.00	1,000,000.000	1,006,450.000							
	24" SSF RC CG 66	PT	66+50.00	1,000,000.000	1,006,550.000							
166	24" SSF RC CG 67	PVI	67+00.00	1,000,000.000	1,006,600.000							
	24" SSF RC CG 67	PC	66+50.00	1,000,000.000	1,006,550.000							
	24" SSF RC CG 67	PT	67+50.00	1,000,000.000	1,006,650.000							
167	24" SSF RC CG 68	PVI	68+00.00	1,000,000.000	1,006,700.000							
	24" SSF RC CG 68	PC	67+50.00	1,000,000.000	1,006,650.000							
	24" SSF RC CG 68	PT	68+50.00	1,000,000.000	1,006,750.000							
168	24" SSF RC CG 69	PVI	69+00.00	1,000,000.000	1,006,800.000							
	24" SSF RC CG 69	PC	68+50.00	1,000,000.000	1,006,750.000							
	24" SSF RC CG 69	PT	69+50.00	1,000,000.000	1,006,850.000							
169	24" SSF RC CG 70	PVI	70+00.00	1,000,000.000	1,006,900.000							
	24" SSF RC CG 70	PC	69+50.00	1,000,000.000	1,006,850.000							
	24" SSF RC CG 70	PT	70+50.00	1,000,000.000	1,006,950.000							
170	24" SSF RC CG 71	PVI	71+00.00	1,000,000.000	1,007,000.000							
	24" SSF RC CG 71	PC	70+50.00	1,000,000.000	1,006,950.000							
	24" SSF RC CG 71	PT	71+50.00	1,000,000.000	1,007,050.000							
171	24" SSF RC CG 72	PVI	72+00.00	1,000,000.000	1,007,100.000							
	24" SSF RC CG 72	PC	71+50.00	1,000,000.000	1,007,050.000							
	24" SSF RC CG 72	PT	72+50.00	1,000,000.000	1,007,150.000							
172	24" SSF RC CG 73	PVI	73+00.00	1,000,000.000	1,007,200.000							
	24" SSF RC CG 73	PC	72+50.00	1,000,000.000	1,007,150.000							
	24" SSF RC CG 73	PT	73+50.00	1,000,000.000	1,007,250.000							
173	24" SSF RC CG 74	PVI	74+00.00	1,000,000.000	1,007,300.000							
	24" SSF RC CG 74	PC	73+50.00	1,000,000.000	1,007,250.000							
	24" SSF RC CG 74	PT	74+50.00	1,000,000.000	1,007,350.000							
174	24" SSF RC CG 75	PVI	75+00.00	1,000,000.000	1,007,400.000							
	24" SSF RC CG 75	PC	74+50.00	1,000,000.000	1,007,350.000							
	24" SSF RC CG 75	PT	75+50.00	1,000,000.000	1,007,450.000							
175	24" SSF RC CG 76	PVI	76+00.00	1,000,000.000	1,007,500.000							
	24" SSF RC CG 76	PC	75+50.00	1,000,000.000	1,007,450.000							
	24" SSF RC CG 76	PT	76+50.00	1,000,000.000	1,007,550.000							
176	24" SSF RC CG 77	PVI	77+00.00	1,000,000.000	1,007,600.000							
	24" SSF RC CG 77	PC	76+50.00	1,000,000.000	1,007,550.000							
	24" SSF RC CG 77	PT	77+50.00	1,000,000.000	1,007,650.000							
177	24" SSF RC CG 78	PVI	78+00.00	1,000,000.000	1,007,700.000							
	24" SSF RC CG 78	PC	77+50.00	1,000,000.000	1,007,650.000							
	24" SSF RC CG 78	PT	78+50.00	1,000,000.000	1,007,750.000							
178	24" SSF RC CG 79	PVI	79+00.00	1,000,000.000	1,007,800.000							
	24" SSF RC CG 79	PC	78+50.00	1,000,000.000	1,007,750.000							
	24" SSF RC CG 79	PT	79+50.00	1,000,000.000	1,007,850.000							
179	24" SSF RC CG 80	PVI	80+00.00	1,000,000.000	1,007,900.000							
	24" SSF RC CG 80	PC	79+50.00	1,000,000.000	1,007,850.000							
	24" SSF RC CG 80	PT	80+50.00	1,000,000.000	1,007,950.000							
180	24" SSF RC CG 81	PVI	81+00.00	1,000,000.000	1,008,000.000							
	24" SSF RC CG 81	PC	80+50.00	1,000,000.000	1,007,950.000							
	24" SSF RC CG 81	PT	81+50.00	1,000,000.000	1,008,050.000							
181	24" SSF RC CG 82	PVI	82+00.00	1,000,000.000	1,008,100.000							
	24" SSF RC CG 82	PC	81+50.00	1,000,000.000	1,008,050.000							
	24" SSF RC CG 82	PT	82+50.00	1,000,000.000	1,008,150.000							
182	24" SSF RC CG 83	PVI	83+00.00	1,000,000.000	1,008,200.000							
	24" SSF RC CG 83	PC	82+50.00	1,000,000.000	1,008,150.000							
	24" SSF RC CG 83	PT	83+50.00	1,000,000.000	1,008,250.000							
183	24" SSF RC CG 84	PVI	84+00.00	1,000,000.000	1,008,300.000							
	24" SSF RC CG 84	PC	83+50.00	1,000,000.000	1,008,250.000							
	24" SSF RC CG 84	PT	84+50.00	1,000,000.000	1,008,350.000							
184	24" SSF RC CG 85	PVI	85+00.00	1,000,000.000	1,008,400.000							
	24" SSF RC CG 85	PC	84+50.00	1,000,000.000	1,008,350.000							
	24" SSF RC CG 85	PT	85+50.00	1,000,000.000	1,008,450.000							
185	24" SSF RC CG 86	PVI	86+00.00	1,000,000.000	1,008,500.000							
	24" SSF RC CG 86	PC	85+50.00	1,000,000.000	1,008,450.000							
	24" SSF RC CG 86	PT	86+50.00	1,000,000.000	1,008,550.000							
186	24" SSF RC CG 87	PVI	87+00.00	1,000,000.000	1,008,600.000							
	24" SSF RC CG 87	PC	86+50.00	1,000,000.000	1,008,550.000							
	24" SSF RC CG 87	PT	87+50.00	1,000,000.000	1,008,650.000							
187	24" SSF RC CG 88	PVI	88+00.00	1,000,000.000	1,008,700.000							
	24" SSF RC CG 88	PC	87+50.00	1,000,000.000	1,008,650.000							
	24" SSF RC CG 88	PT	88+50.00	1,000,000.000	1,008,750.000							
188	24" SSF RC CG 89	PVI	89+00.00	1,000,000.000	1,008,800.000							
	24" SSF RC CG 89	PC	88+50.00	1,000,000.000	1,008,750.000							
	24" SSF RC CG 89	PT	89+50.00	1,000,000.000	1,008,850.000							
189	24" SSF RC CG 90	PVI	90+00.00	1,000,000.000	1,008,900.000							
	24" SSF RC CG 90	PC	89+50.00	1,000,000.000	1,008,850.000							
	24" SSF RC CG 90	PT	90+50.00	1,000,000.000	1,008,950.000							
190	24" SSF RC CG 91	PVI	91+00.00	1,000,000.000	1,009,000.000							
	24" SSF RC CG 91	PC	90+50.00	1,000,000.000	1,008,950.000							
	24" SSF RC CG 91	PT	91+50.00	1,000,000.000	1,009,050.000							
191	24" SSF RC CG 92	PVI	92+00.00	1,000,000.000	1,009,100.000							
	24" SSF RC CG 92	PC	91+50.00	1,000,000.000	1,009,050.000							
	24" SSF RC CG 92	PT	92+50.00	1,000,000.000	1,009,150.000							
192	24" SSF RC CG 93	PVI	93+00.00	1,000,000.000	1,009,200.000							
	24" SSF RC CG 93	PC	92+50.00	1,000,000.000	1,009,150.000							
	24" SSF RC CG 93	PT	93+50.00	1,000,000.000	1,009,250.000							
193	24" SSF RC CG 94	PVI	94+00.00	1,000,000.000	1,009,300.000							
	24" SSF RC CG 94	PC	93+50.00	1,000,000.000	1,009,250.000							
	24" SSF RC CG 94	PT	94+50

ITEM NO.	DESCRIPTION	TYPE	STATION	QUANTITIES			SYLVAN TOP 24					
				METRIC	ENGLISH	a	b	c	d	SUY	Subtot
	214F.XX1.AA.1of 1	PAV		17,167.00	1,696,996.96	620,465.39					
	214F.XX2.AA.1of 1	PAV		48,125.97	2,598,264.89	928,696.39					

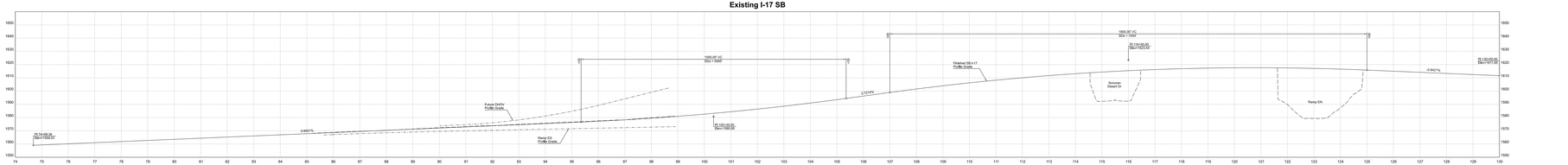
ITEM NO.	DESCRIPTION	TYPE	STATION	QUANTITIES			SYLVAN TOP 24					
				METRIC	ENGLISH	a	b	c	d	SUY	Subtot
	214F.XX1.BA.1of 3	PAV	2+00.00	2,871,521.59	395,256.29						
300	214F.XX1.BA.2of 3	AC	2+00.00	2,871,521.59	395,256.29						
	214F.XX1.BA.3of 3	AC	2+00.00	2,871,521.59	395,256.29					


Ramp ES Cat CL
Ramp SW Cat CL
Ramp NW Cat CL
Ramp EN Cat CL
SECTION C-C
TYPICAL MAINLINE SECTION
I-17 Ramp EN
SECTION D-D
TYPICAL MAINLINE SECTION
I-17 Ramp NW
SECTION E-E
TYPICAL MAINLINE SECTION
I-17 Ramp ES
SECTION F-F
TYPICAL MAINLINE SECTION
I-17 Ramp SW
TYPICAL SECTION
6 Ramp EN over SR 69-PA
TYPICAL SECTION
9 Ramp EN over SR 303-NB-PA
TYPICAL SECTION
10 Ramp ES under I-17 SB-PA
TYPICAL SECTION
7 Ramp SW over I-17 SB PA (7% minimum)
11 Ramp SW over SR 69 PA
12 Ramp NW over I-17 NB PA (7.5% minimum)
LEGEND:
Existing Roadway
New Roadway (Improvements)
New Bridge
Existing Bridge
Retaining Wall
Noise Barrier Wall
Right-of-Way
Prescott Valley
Dustin Drive
Double Creek
Glassford Hill Road
Glassford Dunes Drive
Stone Valley Road
Stone Valley Road
Prescott Valley Wash
Double Creek Wash
Double Creek Wash
Prescott Valley Wash
Prescott Valley Wash
Prescott Valley

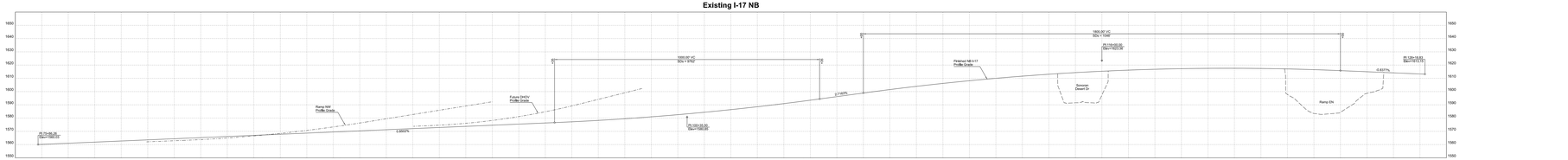
Ramp DHOV (FUTURE)



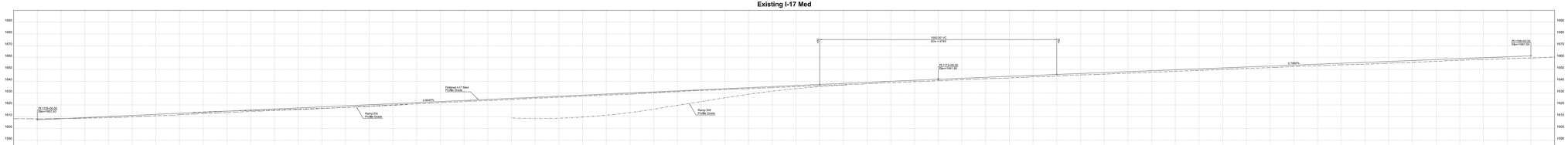
Existing I-17 SB



Existing I-17 NB



Existing I-17 Med



APPENDIX C
ROLL PLOT 6 OF 6

SR 303L, LAKE PLEASANT PARKWAY TO I-17
DESIGN CONCEPT REPORT UPDATE
I-17 / PROFILES

DCR
Reviewer
NOT FOR CONSTRUCTION OR RECORD INC

Jacobs

	NAME	DATE
DESIGN	SAULT	05/22
DRAWN	TMPSR	05/22
CHECKED	RICHARD	05/22

ADOT

APPENDIX C
ROLL PLOT 6 OF 6

SR 303L, LAKE PLEASANT PARKWAY TO I-17
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