STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION

SCHEMATIC PLAN

STATE HIGHWAY
MARICOPA ROAD
SR 347

KEY MAP
NOT TO SCALE

RIGGS ROAD TI AT SR 347

PROJECT NO. 347 MA 184 F0476 01L

MIDPOINT OF PROJECT

Central Zone
State Plane Coordinates
X=875.100
Y=907.400

DESIGN DATA

2022 AADT = 53,343
2050 AADT = 77,163

Design Speed

SR 347: = 70 MPH
Riggs Rd:
Outside Project Limits = 55 MPH
Within Project Limits = 45 MPH
Ramps:
Body = 50 MPH
Entrance at Gore = 60 MPH
Exit at Gore = 65 MPH
Crossroad Terminal = 35 MPH

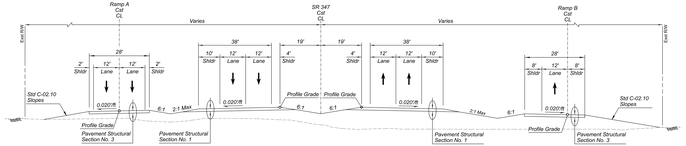
LENGTH OF PROJECT

SR 347 Cst CL
Sta 2593+00.00 to Sta 2627+91.23 = 3,491.23'
Sta 2627+91.23 to Sta 2630+39.43 = 247.20' (Bridge Exception)
Sta 2630+39.43 to Sta 2656+51.59 Bk = 2,612.16'
Sta 2656+44.75 Ahd to Sta 2670+86.86 = 1,444.11'
Gross Length = 7,795.70' - 1.48 Miles
Net Length = 7,547.50' - 1.43 Miles
Mile Post 184.60 to 186.08

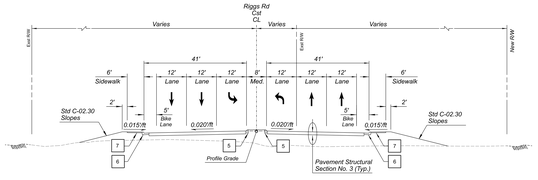
Riggs Rd Cst CL
Sta 33+99.34 to Sta 66+00.40 = 3,201.06'
Gross & Net Length = 3,201.06' - 0.61 Miles

LEGEND

1	*Conc Median Barrier* *ADOT Std C-10.41*	5	*Conc Single Curb* *ADOT Std C-05.10, Type A*
2	*Conc Half Barrier* *ADOT SD 1.10*	6	*Conc Curb and Gutter* *ADOT Std C-05.10; Type D*
3	*Conc Retaining Wall* *ADOT SD 1.01*	7	*Conc Sidewalk* *ADOT Std C-05.20*
4	*Conc Half Barrier* *ADOT Std C-10.50*		



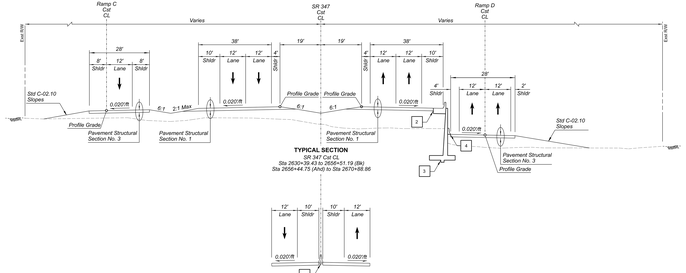
TYPICAL SECTION
SR 347 Cst CL
Sta 2593+00.00 to Sta 2627+91.23
Sta 2627+91.23 to 2630+39.43 (Bridge Exception)



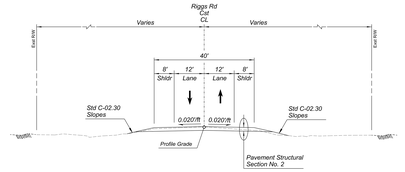
TYPICAL SECTION
Riggs Rd Cst CL
Sta 43+60.91 to Sta 56+24.84

TYPICAL SECTION
Ramp A Cst CL
Sta 15+12.73 to Sta 28+91.13

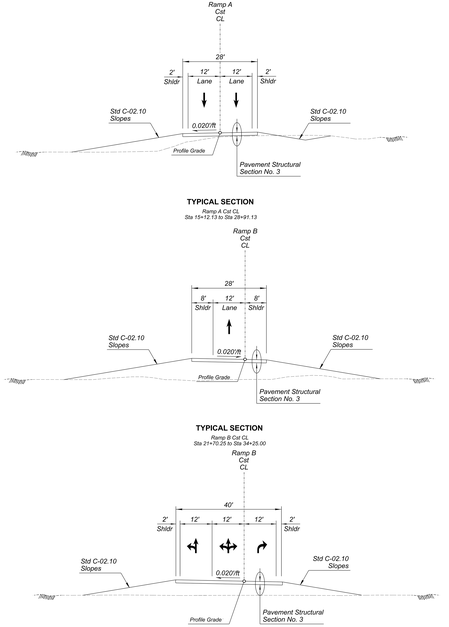
TYPICAL SECTION
Ramp C Cst CL
Sta 14+90.00 to Sta 24+56.52



TYPICAL SECTION
SR 347 Cst CL
Sta 2630+39.43 to 2656+51.19 (Bk)
Sta 2656+44.75 (Ahd) to Sta 2670+86.86

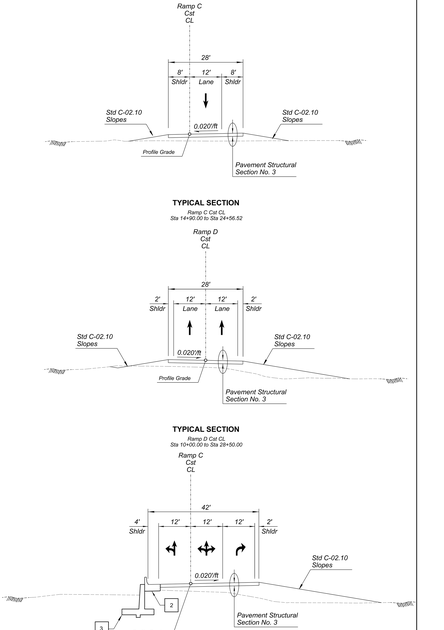


TYPICAL SECTION
Riggs Rd Cst CL
Sta 33+99.41 to Sta 43+50.91
Sta 56+24.84 to Sta 66+00.40



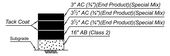
TYPICAL SECTION
Ramp B Cst CL
Sta 21+70.25 to Sta 34+25.00

TYPICAL SECTION
Ramp B Cst CL
Sta 34+25.00 to Sta 39+43.04

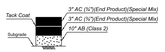


TYPICAL SECTION
Ramp D Cst CL
Sta 10+00.00 to Sta 28+50.00

TYPICAL SECTION
Ramp C Cst CL
Sta 10+00.00 to Sta 14+90.00



Total Thickness = 26"
SECTION NO. 1
SR 347 Mainline



Total Thickness = 16"
SECTION NO. 2
Riggs Road (MCDOT)

Total Thickness = 14"
SECTION NO. 3
Riggs Road (ADOT)
Riggs Road Ramps
Concrete Gores

PROJ: **DCR** Review NOT FOR CONSTRUCTION OR RECORDING	DESIGN ENGINEER	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION PROJECT MANAGEMENT GROUP							
	REVIEWED										
	CHECKED										
	DRAWN			APPENDIX D TYPICAL SECTIONS RECOMMENDED ALTERNATIVE							
	Kimley»Horn										

PROJ. ENGINEER	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	PART	SHT.	RECORD DRAWING
		ARIZ.	347 MA 184	MPA	1	1	
LOCATION	RIGGS ROAD TI AT SR 347						
PROJECT NO.	TRACS NO. F0476 01L	SHEET	OF				

ADOT

9:46:13 AM 9/10/2024 Edgar Flores K:\PHX_Roadway\Workareas\ADOT_CONNECT_PROJECTS_TI_\0_ENT\0000-F0476-01_347_Riggs_TI\sp\Roadway\R-F0476-01_riggs_typicals.dgn