FINAL DESIGN CONCEPT PLANS
(Volume 2 of 2)

I-19 San Xavier Road to I-10

Project No. 019 PM 057 H5105 01L
Federal Aid Reference Number: 019-A (014)
ADOT Contract No. 04-34

August 23, 2012

Prepared For the
Arizona Department of Transportation
Tucson District – Pima County

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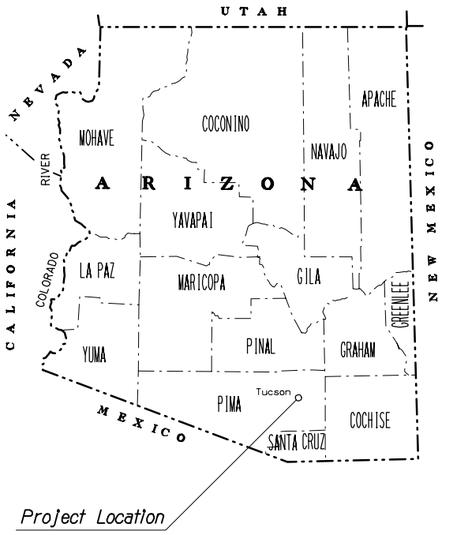
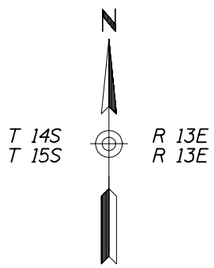
Appendix B: Design Concept Plans – Alternative #2

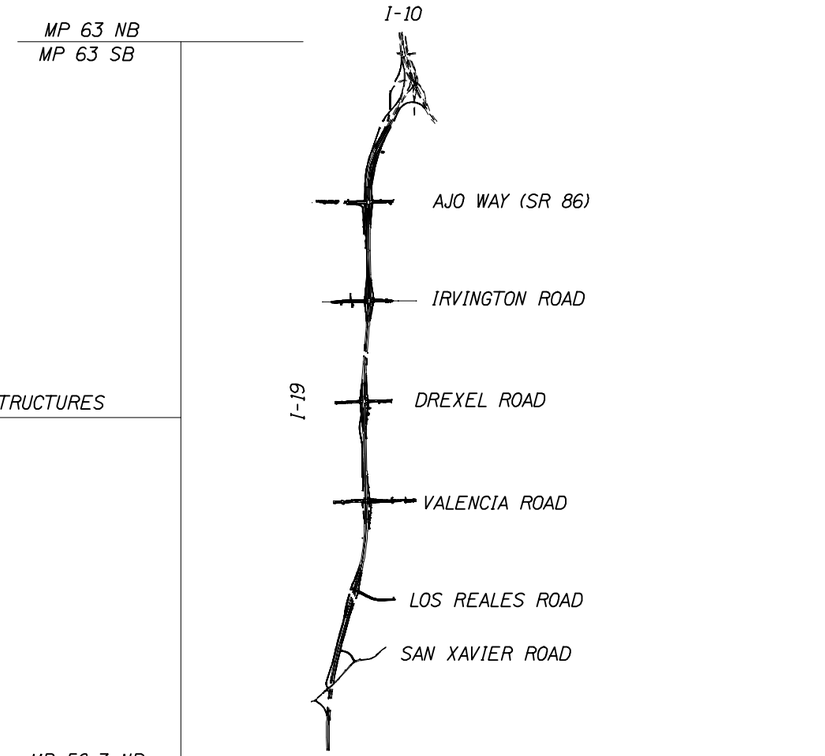


STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

ROADWAY PLANS

STATE HIGHWAY
NOGALES - TUCSON HIGHWAY





I-19 SAN XAVIER ROAD TO I-10
PROJECT NO. 019 PM 057 H5105 01 L
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
FLOYD ROEHRICH, P.E., STATE ENGINEER

AS BUILT DATA	AS BUILT DATE	1 OF 193

DESIGN FILE: t:\6310 i-19 stage 11\prod\gen\h5105fs01.dgn PLOT DATE: 1/16/2012 6a 24a

ADOT STANDARD DRAWINGS
C STANDARDS

ISSUE OR REVISION DATE	STANDARD NO.		SUBJECT
			CONSTRUCTION
5/07	C-01.10		SYMBOL LEGEND (4 SHEETS)
5/07	C-01.30		GENERAL ABBREVIATIONS (3 SHEETS)
5/07	C-02.10		SLOPES, RURAL DIVIDED HIGHWAYS
5/07	C-02.20		SLOPES, RURAL UNDIVIDED AND FRINGE-URBAN HIGHWAYS
4/10	C-02.30		SLOPES, MISCELLANEOUS ROADWAYS
5/07	C-03.10	SH 1	DITCHES, CHANNELS, DIKES AND BERMS, DITCHES AND CHANNELS
5/07	C-03.10	SH 2	DITCHES, CHANNELS, DIKES AND BERMS, DIKES
5/07	C-03.10	SH 3	DITCHES, CHANNELS, DIKES AND BERMS, DITCH DIKE
5/07	C-03.10	SH 4	DITCHES, CHANNELS, DIKES AND BERMS, PIPE BERMS
5/07	C-03.10	SH 5	DITCHES, CHANNELS, DIKES AND BERMS, HEADWALL BERMS
5/07	C-04.10	SH 1	SPILLWAY, EMBANKMENT SINGLE INLET
5/07	C-04.10	SH 2	SPILLWAY, EMBANKMENT DOUBLE INLET
5/07	C-04.20	SH 1	DOWNDRAIN, EMBANKMENT SINGLE INLET
5/07	C-04.20	SH 2	DOWNDRAIN, EMBANKMENT DOUBLE INLET
5/07	C-04.30		SPILLWAY LENGTH TABLE
5/07	C-04.40		DOWNDRAIN LENGTH TABLE
5/07	C-04.50		DOWNDRAIN ENERGY DISSIPATOR
5/07	C-05.10		CURB & GUTTER, CURB, GUTTER
5/07	C-05.12	SH 1	CURB & GUTTER TRANSITIONS
5/07	C-05.12	SH 2	CURB & GUTTER TRANSITIONS
5/07	C-05.12	SH 3	CURB AND GUTTER TRANSITIONS
5/07	C-05.20	SH 1	CONCRETE DRIVEWAYS & SIDEWALKS, DRIVEWAYS
5/07	C-05.20	SH 2	CONCRETE DRIVEWAYS & SIDEWALKS, SIDEWALKS
5/07	C-05.30	SH 1	SIDEWALK RAMP, TYPE A
5/07	C-05.30	SH 2	SIDEWALK RAMP, TYPE B
5/07	C-05.30	SH 3	SIDEWALK RAMP, TYPE C
5/07	C-05.30	SH 4	SIDEWALK RAMP, TYPE D
5/07	C-05.30	SH 5	SIDEWALK RAMP, TYPE E
5/07	C-05.30	SH 6	SIDEWALK RAMP, TYPE F
5/07	C-05.30	SH 7	SIDEWALK RAMP, DETECTABLE WARNING STRIP
5/07	C-05.40		MEDIAN PAVING AND NOSE TAPER
5/07	C-05.50		CONCRETE BUS BAY
5/07	C-06.10	SH 1	DRIVEWAY & TURNOUT LAYOUTS
5/07	C-06.10	SH 2	DRIVEWAY & TURNOUT LAYOUTS
5/07	C-07.01	SH 1	PCCP JOINTS
5/07	C-07.01	SH 2	PCCP JOINTS
11/07	C-07.02		LOAD TRANSFER DOWEL ASSEMBLY
5/07	C-07.03	SH 1	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS
5/07	C-07.03	SH 2	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS
5/07	C-07.03	SH 3	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS
5/07	C-07.03	SH 4	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS
5/07	C-07.03	SH 5	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS
5/07	C-07.03	SH 6	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS
5/07	C-07.03	SH 7	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS
5/07	C-07.03	SH 8	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS
5/07	C-07.04	SH 1	PCCP JOINT LOCATIONS, PARALLEL TYPE ENTRANCE RAMP WITH AUXILIARY LANE
5/07	C-07.04	SH 2	PCCP JOINT LOCATIONS, PARALLEL TYPE EXIT RAMP WITH AUXILIARY LANE
5/07	C-07.04	SH 3	PCCP JOINT LOCATIONS, TAPER TYPE ENTRANCE RAMP
5/07	C-07.04	SH 4	PCCP JOINT LOCATIONS, TAPER TYPE EXIT RAMP
5/10	C-07.04	SH 5	PCCP JOINT LOCATIONS, CROSSROAD AND RAMP TERMINI
5/07	C-07.06		TRENCH BACKFILL AND PAVEMENT REPLACEMENT
5/10	C-08.20		PAVED GORE AREA
5/07	C-10.00		GUARDRAIL MEASUREMENT LIMITS
5/07	C-10.01		GUARDRAIL INSTALLATION, TYPE A AND REFLECTOR TAB
5/07	C-10.02		GUARDRAIL INSTALLATION, TYPE B AND REFLECTOR TAB
5/07	C-10.03		W-BEAM GUARDRAIL, G4(1W) AND G4(2W), BLOCKED-OUT TIMBER POST
5/07	C-10.04		W-BEAM GUARDRAIL, G4(1S), BLOCKED-OUT STEEL POST
5/07	C-10.05	SH 1	W-BEAM GUARDRAIL, G4(MODIFIED) WITH FREEWAY CURB AND GUTTER
5/07	C-10.05	SH 2	W-BEAM GUARDRAIL, G4(MODIFIED) WITH FREEWAY CURB AND GUTTER
11/09	C-10.06	SH 1	W-BEAM GUARDRAIL, NESTED, TYPES 1 AND 2
11/09	C-10.06	SH 2	W-BEAM GUARDRAIL, NESTED, TYPE 3
5/07	C-10.07	SH 1	W-BEAM GUARDRAIL, BOLTED ANCHOR
5/07	C-10.07	SH 2	W-BEAM GUARDRAIL, BOLTED ANCHOR
5/07	C-10.08		W-BEAM GUARDRAIL, END ANCHOR
5/07	C-10.20		THRIE-BEAM GUARDRAIL, G9, BLOCKED-OUT STEEL POST
5/07	C-10.30	SH 1	GUARDRAIL TRANSITION, THRIE BEAM TO CONCRETE HALF BARRIER, 32" TYPE 'F'
5/07	C-10.30	SH 2	GUARDRAIL TRANSITION, THRIE BEAM TO CONCRETE HALF BARRIER, 32" TYPE 'F'
5/07	C-10.40		CONCRETE MEDIAN BARRIER, 32" TYPE 'F', CAST-IN-PLACE
5/07	C-10.41		CONCRETE MEDIAN BARRIER, 42" TYPE 'F', CAST-IN-PLACE
5/07	C-10.42	SH 1	GLARE SCREEN, CONCRETE MEDIAN BARRIER
5/07	C-10.42	SH 2	GLARE SCREEN, CONCRETE MEDIAN BARRIER
5/07	C-10.42	SH 3	GLARE SCREEN, CONCRETE MEDIAN BARRIER
5/07	C-10.50	SH 1	CONCRETE HALF BARRIER, 32" TYPE 'F', CAST-IN-PLACE
5/07	C-10.50	SH 2	CONCRETE HALF BARRIER, 32" TYPE 'F', PRECAST
5/07	C-10.51		CONCRETE HALF BARRIER, 32" TYPE 'F' WITH SIDEWALK
5/07	C-10.52		CONCRETE HALF BARRIER, 32" TYPE 'F' WITH GUTTER
5/07	C-10.53		CONCRETE HALF BARRIER, 42" TYPE 'F' WITH GUTTER
5/07	C-10.54	SH 1	CONCRETE HALF BARRIER, 32" TYPE 'F' AT PIERS, CAST-IN-PLACE
5/07	C-10.54	SH 2	CONCRETE HALF BARRIER, 32" TYPE 'F' AT PIERS, PRECAST
5/07	C-10.54	SH 3	CONCRETE HALF BARRIER, 32" TYPE 'F' AT PIERS, LAYOUT
5/07	C-10.55	SH 1	CONCRETE HALF BARRIER, 42" TYPE 'F' AT PIERS, CAST-IN-PLACE
5/07	C-10.55	SH 2	CONCRETE HALF BARRIER, 42" TYPE 'F' AT PIERS, PRECAST
5/07	C-10.55	SH 3	CONCRETE HALF BARRIER, 42" TYPE 'F' AT PIERS, LAYOUT
5/07	C-10.70	SH 1	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CAISSONS
5/07	C-10.70	SH 2	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CAISSONS
5/07	C-10.70	SH 3	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CAISSONS
5/07	C-10.71	SH 1	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CURB & GUTTER
5/07	C-10.71	SH 2	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CURB & GUTTER
5/07	C-10.72	SH 1	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH CAISSONS
5/07	C-10.72	SH 2	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH CAISSONS
5/07	C-10.72	SH 3	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH CAISSONS
5/07	C-10.73	SH 1	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH GUTTER
5/07	C-10.73	SH 2	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH GUTTER
5/07	C-10.74		CONCRETE HALF-BARRIER TRANSITION, 42" TO 32" TYPE 'F'
5/07	C-10.75	SH 1	CONCRETE HALF-BARRIER TRANSITION, TYPE 'F', TANGENT DEPARTURE TYPE 1
5/07	C-10.75	SH 2	CONCRETE HALF-BARRIER TRANSITION, TYPE 'F', TANGENT DEPARTURE TYPE 2
5/07	C-10.76		CONCRETE HALF-BARRIER TRANSITION, TYPE 'F' AT RADIUS, 32" TO 0"
5/07	C-10.77		CONCRETE HALF-BARRIER TRANSITION, END TERMINAL CURB AND GUTTER
5/07	C-11.10	SH 1	ROADWAY CATTLE GUARD
5/07	C-11.10	SH 2	ROADWAY CATTLE GUARD
5/07	C-11.10	SH 3	ROADWAY CATTLE GUARD
5/07	C-11.10	SH 4	ROADWAY CATTLE GUARD
5/07	C-11.20		CATTLE GUARD, DRAINAGE
5/07	C-12.10	SH 1	FENCE, WOVEN WIRE
5/07	C-12.10	SH 2	FENCE, BARBED WIRE
5/07	C-12.10	SH 3	FENCE, TYPES 1 AND 2 GATES, FLOOD GATE
5/07	C-12.10	SH 4	FENCE, FLOOD GATE INSTALLATION
5/07	C-12.10	SH 5	FENCE, MISCELLANEOUS DETAILS
5/07	C-12.20	SH 1	FENCE, CHAIN LINK, TYPE 1
5/07	C-12.20	SH 2	FENCE, CHAIN LINK, TYPE 2
5/07	C-12.20	SH 3	FENCE, CHAIN LINK, GATES
5/07	C-12.30	SH 1	FENCE, CHAIN LINK CABLE BARRIER
5/07	C-12.30	SH 2	FENCE, CHAIN LINK CABLE BARRIER
5/07	C-12.30	SH 3	FENCE, CHAIN LINK CABLE BARRIER
5/07	C-13.10	SH 1	PIPE CULVERT INSTALLATION
5/07	C-13.10	SH 2	PIPE CULVERT INSTALLATION
5/07	C-13.15		TYPICAL PIPE INSTALLATION
5/07	C-13.20		PIPE, REINFORCED CONCRETE END SECTION
5/07	C-13.25		PIPE, CORRUGATED METAL END SECTION
5/07	C-13.30		PIPE AND PIPE ARCH, CORRUGATED METAL, CONCRETE INVERT PAVING
5/07	C-13.55		PIPE, CATTLE-VEHICLE PASS, MITERED END TREATMENT
5/07	C-13.60		SLOTTED DRAIN DETAILS
5/07	C-13.65		SLOTTED DRAIN INSTALLATION DETAILS
5/07	C-13.70		STORM DRAIN CONNECTION DETAILS
5/07	C-13.75		STORM DRAIN OUTLET BARRIER GATE
5/07	C-13.76		STORM DRAIN OUTLET AND STORM DRAIN PLUG
5/07	C-13.80		PIPE COLLAR DETAILS
5/07	C-15.10		CATCH BASIN, TYPE 1
5/07	C-15.20	SH 1	CATCH BASIN, TYPE 3
5/07	C-15.20	SH 2	CATCH BASIN, TYPE 3
5/07	C-15.20	SH 3	CATCH BASIN, ACCESS FRAME AND COVER DETAILS
5/07	C-15.30		CATCH BASIN, TYPE 4
5/07	C-15.40	SH 1	CATCH BASIN, TYPE 5
5/07	C-15.40	SH 2	CATCH BASIN, TYPE 5
5/07	C-15.50		CATCH BASIN, FRAME AND GRATE
5/07	C-15.70	SH 1	CATCH BASIN, MISCELLANEOUS DETAILS
5/07	C-15.70	SH 2	CATCH BASIN, MISCELLANEOUS DETAILS
5/07	C-15.75		CATCH BASIN, DROP INLET
5/07	C-15.80		CATCH BASIN, FLUSH
5/07	C-15.81		CATCH BASIN, SIDE SLOPE
5/07	C-15.90		CATCH BASIN, MEDIAN DIKE, PRECAST
5/07	C-15.91	SH 1	FREEWAY CATCH BASIN DETAILS
5/07	C-15.91	SH 2	FREEWAY CATCH BASIN DETAILS
5/07	C-15.92	SH 1	CATCH BASIN WITH TYPE 'F' CONCRETE HALF BARRIER
5/07	C-15.92	SH 2	CATCH BASIN WITH TYPE 'F' CONCRETE HALF BARRIER
5/07	C-16.40		IRRIGATION SLEEVES
5/07	C-17.10		RAIL BANK PROTECTION FOR DRAINAGEWAYS, TYPES 1, 2 & 3
5/07	C-17.15		RAIL BANK PROTECTION AT ABUTMENTS, TYPES 4, 5 & 6
5/07	C-17.20		BANK PROTECTION FOR DRAINAGEWAYS, TYPES 7, 8 & 9
5/07	C-18.10	SH 1	MANHOLE, RISER DETAILS
5/07	C-18.10	SH 2	MANHOLE, BASE DETAILS, NORMAL INSTALLATION
5/07	C-18.10	SH 3	MANHOLE, FRAME AND COVER DETAILS
5/07	C-19.10	SH 1	FORD, CONCRETE WALLS
5/07	C-19.10	SH 2	FORD, TYPES 1 AND 2
11/07	C-21.10		SURVEY MONUMENT FRAME AND COVER
11/07	C-21.20		SURVEY MARKER

REV.: 05/24/10

ADOT STANDARD DRAWINGS REVISION DATES and STANDARD NO.'s REVIEW		
	NAME	DATE
CONSTRUCTION Standards		
PROJECT NO. TRACS NO. H5105 01L	1A OF 1D	
AS BUILT DATA — FEDERAL AID NO. 019-PM-057 — AS BUILT DATE	2 OF 193	

ADOT STANDARD DRAWINGS

TRAFFIC SIGNING & MARKING STANDARDS
EFFECTIVE AUGUST 2011

REVISION	STANDARD	SUBJECT: SIGNING & MARKING DETAILS
2/02	M-1	CURB MARKINGS FOR RAISED MEDIAN & ISLANDS
2/04	M-2 SHT 1	INTERSECTION STRIPING
2/02	M-2 SHT 2	INTERSECTION STRIPING
2/02	M-2 SHT 3	CENTERLINE & REVERSE CURVE DETAILS
2/02	M-3	STRIPING AND DELINEATION FOR FREEWAY TERMINALS
10/10	M-4	PASSING LANE STRIPING DETAILS
2/02	M-5	RAILROAD PAVEMENT MARKINGS
2/02	M-6	WORD MARKINGS
2/02	M-7	PAVEMENT LETTERS
2/02	M-8	PAVEMENT LETTERS
2/02	M-9	PAVEMENT NUMBERS
9/08	M-10 SHT 1	PAVEMENT MARKING SYMBOLS
9/08	M-10 SHT 2	PAVEMENT MARKING SYMBOLS
9/08	M-10 SHT 3	PAVEMENT MARKING SYMBOLS
3/05	M-11	TURN LANE PAVEMENT MARKINGS
10/10	M-12	FREEWAY PAVEMENT ARROWS
2/02	M-13	PREFERENTIAL LANE PAVEMENT MARKINGS
1/10	M-14	STRIPING AND DELINEATION FOR TRUCK ESCAPE RAMPS
1/10	M-15 SHT 1	PAVEMENT MARKING FOR FREEWAY ENTRANCE RAMP - TAPERED ACCELERATION LANE
1/10	M-15 SHT 2	PAVEMENT MARKING FOR FREEWAY ENTRANCE RAMP - PARALLEL ACCELERATION LANE
10/10	M-15 SHT 3	PAVEMENT MARKING FOR FREEWAY ENTRANCE RAMP - PARALLEL ACCELERATION LANE WITH HOV BYPASS
1/10	M-16 SHT 1	PAVEMENT MARKING FOR FREEWAY EXIT RAMPS - TAPERED DECELERATION LANE
1/10	M-16 SHT 2	PAVEMENT MARKING FOR FREEWAY EXIT RAMP - PARALLEL DECELERATION LANE
1/10	M-17	FREEWAY LANE DROP PAVEMENT MARKINGS
6/08	M-18	RECESSED PAVEMENT MARKER DETAILS
6/08	M-19 SHT 1	RAISED PAVEMENT MARKER PLAN LEGEND
6/08	M-19 SHT 2	NON-REFLECTIVE RAISED PAVEMENT MARKER DETAILS
6/08	M-19 SHT 3	RETRO-REFLECTIVE RAISED PAVEMENT MARKER DETAILS
6/08	M-19 SHT 4	RETRO-REFLECTIVE RAISED PAVEMENT MARKER DETAILS
6/08	M-19 SHT 5	PAVEMENT MARKING DETAILS FOR UNDIVIDED HIGHWAYS
6/08	M-19 SHT 6	SERIES 40 RETRO-REFLECTIVE RAISED PAVEMENT MARKERS (RRPM) FOR UNDIVIDED HIGHWAYS
6/08	M-19 SHT 7	SERIES 80 RETRO-REFLECTIVE RAISED PAVEMENT MARKERS (RRPM) FOR UNDIVIDED HIGHWAYS
6/08	M-19 SHT 8	TYPICAL MARKING DETAILS FOR EDGELINE PAVEMENT MARKERS
6/08	M-19 SHT 9	TYPICAL MARKING DETAILS FOR LANE DROP & INTERSECTION GUIDE STRIPING
6/08	M-19 SHT 10	PAVEMENT MARKING CROSS-SECTION DETAILS FOR HIGHWAYS
2/02	M-20 SHTS 1 & 2	CHIP SEAL MARKER USAGE FOR TEMPORARY MARKERS
10/10	M-21	TRANSVERSE RUMBLE STRIP DETAILS
9/08	M-22 SHT 1	CONTINUOUS LONGITUDINAL RUMBLE STRIP GROOVE, PATTERN & LOCATION DETAILS
9/08	M-22 SHT 2	LONGITUDINAL RUMBLE STRIP EXCEPTION DETAILS
12/08	M-23 SHTS 1 & 2	OBJECT MARKER DETAILS
5/03	M-24	OBJECT MARKER PLACEMENT DETAILS
8/11	M-26 SHT 1	DELINEATOR PLACEMENT AND SPACING
8/11	M-26 SHT 2	DELINEATOR PLACEMENT AND SPACING
10/10	M-27	DELINEATION DETAILS FOR MEDIAN CROSSOVERS
2/02	M-28	CURVE TREATMENT - CHEVRONS
9/06	M-29	OFF-MAINLINE REFERENCE MARKER LOCATION DETAIL
11/04	M-30	OFF-MAINLINE REFERENCE MARKER DETAILS
2/04	M-31	SNOW MARKER DETAILS
5/03	M-32	BRIDGE AND BARRIER MARKER DETAILS
5/03	M-33	BRIDGE & BARRIER MARKER PLACEMENT & INSTALLATION DETAILS
4/05	M-34	GUARDRAIL EXTRUDER TERMINAL DELINEATION DETAILS
2/02	M-35	OBJECT MARKER FOR SAND BARREL CRASH CUSHION
8/11	M-36	FLEXIBLE DELINEATOR ASSEMBLIES

REVISION	STANDARD	SUBJECT: SIGNING & MARKING DETAILS
8/11	M-37	DELINEATORS IN-GROUND FOUNDATION DETAILS
1/10	M-38	SQUARE STEEL POST BREAK-AWAY DELINEATOR
8/04	S-1 SHT 1	SQUARE TUBE SIGN POST SELECTION CHARTS
5/06	S-1 SHT 2	PERFORATED SIGN POST FOUNDATION
5/03	S-1 SHT 3	PERFORATED SIGN POST FOUNDATION
10/10	S-2 SHT 1	S&W SHAPE POST SELECTION CHART (BREAKAWAY SIGN POST DESIGN)
10/10	S-2 SHT 2	S&W SHAPE POST SELECTION CHART (SPECIAL WIND REGIONS) (BREAKAWAY SIGN POST DESIGN)
10/10	S-3 SHT 1	OFFSETS, CLEARANCES, & MOUNTING DETAILS FOR GUIDE SIGNS & BREAKAWAY POST INSTALLATION
10/10	S-3 SHT 2	OFFSETS, CLEARANCES, & MOUNTING DETAILS FOR WARNING, REGULATORY & MARKER SIGN ON FREEWAYS
1/10	S-3 SHT 3	OFFSETS, CLEARANCES, & MOUNTING DETAILS FOR SIGNS ON NON-FREEWAYS RAMPS AND CROSSROADS
1/10	S-3 SHT 4	OFFSETS, CLEARANCES, & MOUNTING DETAILS FOR SQUARE TUBE POSTS
10/10	S-4	W SHAPE TENSION FUSE PLATE AND HINGE DETAILS
8/11	S-5	BREAKAWAY POST DETAILS FOR W SHAPE GUIDE SIGNS
8/11	S-6	BREAKAWAY POST DETAILS S4x7.7
6/06	S-7	AUXILIARY SIGN INSTALLATION DETAILS
8/06	S-8 SHT 1	ALUMINUM EXTRUSION SIGN PANEL DETAILS
8/11	S-8 SHT 2	ALUMINUM EXTRUSION EXIT PANEL DETAIL
8/06	S-8 SHT 3	ALUMINUM EXTRUSION PANEL INSTALLATION DETAIL ON BREAKAWAY POSTS
8/06	S-8 SHT 4	ALUMINUM EXTRUSION SIGN INSTALLATION DETAIL TO PERFORATED POSTS
2/02	S-9 SHTS 1, 2 & 3	SIGN INSTALLATION ON POLE
5/04	S-10 SHT 1	FREEWAY MILEPOST DETAILS
5/04	S-10 SHT 2	NON-FREEWAY MILEPOST DETAILS
7/04	S-11 SHT 1	TAPERED TUBE SIGN STRUCTURE
7/04	S-11 SHT 2	TAPERED TUBE SIGN STRUCTURE
7/04	S-11 SHT 3	TAPERED TUBE SIGN STRUCTURE
7/04	S-11 SHT 4	TAPERED TUBE SIGN STRUCTURE
2/08	S-12 SHT 1	ARROWS FOR USE ON FREEWAY MAINLINE AND OVERHEAD GUIDE SIGNS
2/08	S-12 SHT 2	ARROWS FOR USE ON GROUND MOUNT GUIDE SIGNS ON CONVENTIONAL ROADWAYS, RAMPS, AND CROSSROADS
2/08	S-13	SIGN IDENTIFICATION DETAILS
4/06	S-14 SHT 1	INSTALLATION OF ROTATING OPEN/CLOSED SIGN
4/06	S-14 SHT 2	INSTALLATION OF ROTATING OPEN/CLOSED SIGN
4/06	S-14 SHT 3	INSTALLATION OF ROTATING OPEN/CLOSED SIGN
4/07	S-15 SHT 1	DUDLEY FOLDING SIGN
4/07	S-15 SHT 2	DUDLEY FOLDING SIGN
2/02	C-1	SAND BARREL CRASH CUSHION
2/02	C-2	SAND BARREL CRASH CUSHION TYPICAL INSTALLATION
12/06	C-3 SHT 1	PRECAST CONCRETE BARRIER PIN AND LOOP ASSEMBLY NCHRP 350 APPROVED DESIGN
12/06	C-3 SHT 2	PRECAST CONCRETE BARRIER PIN AND LOOP ASSEMBLY NCHRP 350 APPROVED DESIGN
2/02	C-4 SHT 1	MEDIAN CROSSOVER
2/02	C-4 SHT 2	TYPICAL END TREATMENTS FOR DETOURS USING TEMPORARY CONCRETE BARRIER (TCB)
10/02	C-5 SHT 1	APPROACH PLATE AND TRANSITION SECTION FOR TEMPORARY CONCRETE BARRIER
10/02	C-5 SHT 2	APPROACH PLATE AND TRANSITION SECTION FOR TEMPORARY CONCRETE BARRIER

NO.1 DESCRIPTION OF REVISION | MADE BY L. LOPEZ | DATE 10/10
NO.2 DESCRIPTION OF REVISION | MADE BY L. LOPEZ | DATE 8/11

ADOT STANDARD DRAWINGS
REVISION DATES and STANDARD NO.'s REVIEW

	NAME	DATE
SIGNING & MARKING STANDARDS		

PROJECT NO. TRACS NO. H5105 01L — 1B OF

AS BUILT DATA — FEDERAL AID NO. 019-PM-057 — AS BUILT DATE — 3 OF 193

ADOT STANDARD DRAWINGS

TRAFFIC SIGNAL AND LIGHTING STANDARDS
(SHEET 1 OF 2)
EFFECTIVE SEPTEMBER 2011

REVISION DATE	STANDARD NUMBER		SUBJECT: TRAFFIC SIGNALS AND LIGHTING DETAILS
	T.S. 0		**ABBREVIATIONS, SYMBOLS AND DEFINITIONS**
03/10	0-1		STANDARD ABBREVIATIONS
03/10	0-2	SHT 1	PLAN SYMBOLS
03/10	0-2	SHT 2	PLAN SYMBOLS
03/10	0-2	SHT 3	PLAN SYMBOLS
03/10	0-3	SHT 1	STANDARD DEFINITIONS
03/10	0-3	SHT 2	STANDARD DEFINITIONS
03/10	0-4		REFERENCE DOCUMENTS AND GENERAL REQUIREMENTS
	T.S. 1		**PULL BOXES**
09/11	1-1	SHT 1	LIGHT DUTY - LIGHT WEIGHT NO. 5 AND NO. 7 PULL BOX
09/11	1-1	SHT 2	LIGHT DUTY - LIGHT WEIGHT NO. 5 AND NO. 7 SLOPE WALL BODY PULL BOX DETAILS
09/11	1-2		HEAVY DUTY NO. 5 AND NO. 7 STRAIGHT BODY WALL PULL BOX DETAILS
09/11	1-3		REPLACEMENT LID SIZING FOR EXISTING NO. 5 AND NO. 7 PULL BOXES
09/11	1-4	SHT 1	TYPICAL PULL BOX INSTALLATION AND WIRING DETAILS
09/11	1-4	SHT 2	TYPICAL PULL BOX INSTALLATION AND WIRING DETAILS
09/11	1-4	SHT 3	TYPICAL PULL BOX INSTALLATION DETAILS
09/11	1-5	SHT 1	ELECTRICAL CONDUIT COVER AND TRENCH REQUIREMENTS
09/11	1-5	SHT 2	CONDUIT EXPANSION COUPLINGS
09/11	1-6		CONDUCTOR REQUIREMENTS
03/10	1-7		TRAFFIC SIGNAL IMSA CABLE COLOR CODES
09/11	1-8	SHT 1	FRONT OF BARRIER JUNCTION BOX
09/11	1-8	SHT 2	BACK OF BARRIER JUNCTION BOX
09/11	1-9		TOP OF BARRIER JUNCTION BOX DETAILS
09/11	1-10		TOP OF BARRIER JUNCTION BOX DETAILS
09/11	1-11	SHT 1	HEAVY DUTY LIGHTING NO. 4 AND NO. 6 PULL BOX
09/11	1-11	SHT 2	HEAVY DUTY LIGHTING NO. 4 AND NO. 6 PULL BOX
09/11	1-11	SHT 3	HEAVY DUTY LIGHTING NO. 4 AND NO. 6 PULL BOX LID
09/11	1-11	SHT 4	HEAVY DUTY LIGHTING NO. 4 AND NO. 6 PULL BOX LID
	T.S. 2		**FOUNDATIONS**
03/10	2-1		FOUNDATION FOR TYPE II LOAD CENTER CABINET
03/10	2-2		FOUNDATION FOR TYPE IV LOAD CENTER CABINET
03/10	2-3		FOUNDATION FOR TYPE III CONTROL CABINET
03/10	2-4		FOUNDATION FOR TYPE IV AND V CONTROL CABINETS
03/10	2-5		FOUNDATION FOR TYPE 340 CONTROL CABINET
03/10	2-6		METER PEDESTAL CABINET FOUNDATION AND BASE
03/10	2-7		TRAFFIC SIGNAL UPS CABINET FOUNDATION DETAIL
	T.S. 3		**CABINETS**
03/10	3-0		NOTES FOR TYPE II AND IV LOAD CENTER CABINETS
03/10	3-1		TYPE II LOAD CENTER CABINET
03/10	3-2		TYPE IV LOAD CENTER CABINET
03/10	3-3		TYPE II OR IV LOAD CENTER CABINET WIRING DETAILS 240/480 3W W/DISCONNECT
03/10	3-4	SHT 1	PHOTO ELECTRIC CELL MOUNTING DETAILS
03/10	3-4	SHT 2	PHOTO ELECTRIC CELL MOUNTING DETAILS
03/10	3-5	SHT 1	TYPE I AND II METER PEDESTAL CABINET
03/10	3-5	SHT 2	METER PEDESTAL CABINET
03/10	3-6		TYPE III CONTROL CABINET
03/10	3-7		POLE MOUNTED TYPE III CONTROL CABINET
03/10	3-8	SHT 1	POLE MOUNT DETAILS FOR TYPE III CONTROL CABINET
03/10	3-8	SHT 2	POLE MOUNT DETAILS FOR TYPE III CONTROL CABINET
03/10	3-9	SHT 1	TYPE IV AND V CONTROL CABINET NOTES
03/10	3-9	SHT 2	TYPE IV CONTROL CABINET
03/10	3-9	SHT 3	TYPE V CONTROL CABINET
03/10	3-10		CABINET EXTENSION OR ELEVATOR BASE
03/10	3-11		CONTROL CABINET MOUNTED SERVICE ENCLOSURE
03/10	3-12	SHT 1	120/240 OR 240/480 VOLT, SINGLE PHASE UTILITY PULL SECTION AND SERVICE DISCONNECT DETAILS
03/10	3-12	SHT 2	120/240 OR 240/480 VOLT, SINGLE PHASE UTILITY PULL SECTION AND SERVICE DISCONNECT DETAILS
03/10	3-13	SHT 1	TRAFFIC SIGNALS AND LIGHTING MODEL 345 CABINET DETAILS
03/10	3-13	SHT 2	TRAFFIC SIGNALS AND LIGHTING MODEL 345 CABINET DETAILS
03/10	3-13	SHT 3	TRAFFIC SIGNALS AND LIGHTING MODEL 345 CABINET CAGE DETAILS

REVISION DATE	STANDARD NUMBER		SUBJECT: TRAFFIC SIGNALS AND LIGHTING DETAILS
	T.S. 4		**POLES AND POSTS**
03/10	4-1		TYPE "A" POLE
03/10	4-2		TYPE "E" POLE
03/10	4-3		TYPE "F" POLE
03/10	4-4		TYPE "G" POLE
03/10	4-5		ALUMINUM TYPE "G" POLE
03/10	4-6		ALUMINUM TYPE "H" POLE
03/10	4-7		ALUMINUM TYPE "I" POLE
03/10	4-8		TYPE "J" POLE
03/10	4-9		TYPE "K" POLE
03/10	4-10		TYPE "Q" POLE
03/10	4-11		TYPE "R" POLE
03/10	4-12		TYPE "S" POLE
03/10	4-13		ALUMINUM TYPE "S" POLE
03/10	4-14	SHT 1	TYPE "T" POLE
03/10	4-14	SHT 2	TYPE "S" AND "T" STEEL TWIN LUMINAIRE MOUNTING BRACKET AND EXTENSIONS
03/10	4-15		ALUMINUM TYPE "T" POLE
03/10	4-16		TYPE "U" POLE ELLIPTICAL BASE DETAILS
03/10	4-17	SHT 1	TYPE "U" POLE SQUARE BASE
03/10	4-17	SHT 2	TYPE "U" POLE ROUND POLE / SQUARE BASE
03/10	4-17	SHT 3	TYPE "U" POLE ROUND POLE / SQUARE BASE
03/10	4-17	SHT 4	TYPE "U" POLE ROUND POLE / SQUARE BASE
03/10	4-17	SHT 5	TYPE "U" POLE ROUND POLE / SQUARE BASE
03/10	4-17	SHT 6	TYPE "U" POLE ROUND POLE / SQUARE BASE
03/10	4-18		TYPE "V" POLE AND 60' OR 65' MAST ARM
03/10	4-19		TYPE "W" POLE AND 60' OR 65' MAST ARM
03/10	4-20		POLE HAND HOLE DETAIL
03/10	4-21		EQUIPMENT MOUNTING HEIGHT DETAILS
03/10	4-22		PEDESTRIAN PUSH BUTTON POST "TYPE PB POLE"
03/10	4-23		POLE FOUNDATION ANCHOR BOLTS
03/10	4-24		ADDITIONAL POLE FOUNDATION DETAILS
03/10	4-25	SHT 1	ALTERNATIVE POLE FOUNDATION FOR LOOSE SOIL CONDITIONS
03/10	4-25	SHT 2	ALTERNATIVE STEEL PIPE POLE FOUNDATION FOR SUITABLE SOIL CONDITIONS
03/10	4-26		STEEL MAST ARM DETAILS LUMINAIRE AND SIGNAL ARMS TO 20'
03/10	4-27		ALUMINUM TRUSS ARM DETAILS TYPE G, H, AND I POLES
03/10	4-28		SIGNAL MAST ARM CONNECTION DETAIL TYPE J AND Q POLES
03/10	4-29		SIGNAL MAST ARM CONNECTION DETAIL TYPE K AND R POLES
03/10	4-30		MAST ARM CONNECTION DETAIL TYPE V AND W POLES
03/10	4-31		SIGNAL MAST ARM TENON DETAIL
03/10	4-32		TYPICAL HIGHWAY LIGHTING OFFSETS IN CUT AND FILL SECTIONS
	T.S. 5		**POLE BASES - SPECIAL**
03/10	5-0		TYPE 2 AND 3 CAST ALUMINUM BREAK-AWAY BASES
03/10	5-1		TYPE 2 CAST ALUMINUM BREAK-AWAY BASE
03/10	5-2		TYPE 3 CAST ALUMINUM BREAK-AWAY BASE
03/10	5-3		INSTALLATION DETAILS FOR POLE FOUNDATIONS WITH TYPE 2 AND 3 BREAK-AWAY BASES
	T.S. 6		**HIGHWAY TRAFFIC DATA DETECTORS**
03/10	6-1		TYPE C VEHICLE DETECTOR LOOPS FOR TRAFFIC COUNTERS
03/10	6-2	SHT 1	TYPE SA AND SB SPEED/VEHICLE CLASSIFICATION SYSTEMS
03/10	6-2	SHT 2	TYPE SA SPEED/VEHICLE CLASSIFICATION SYSTEMS
03/10	6-2	SHT 3	TYPE SB SPEED/VEHICLE CLASSIFICATION SYSTEMS
03/10	6-3		PIEZOELECTRIC WEIGHT SENSOR AND LOOP LANE LAYOUT
03/10	6-4	SHT 1	DETECTOR LOOPS AND PIEZOELECTRIC SENSOR DETAILS
03/10	6-4	SHT 2	DETECTOR LOOPS AND PIEZOELECTRIC SENSOR DETAILS
03/10	6-4	SHT 3	DETAIL A PIEZOELECTRIC SENSOR DETAILS
03/10	6-4	SHT 4	DETAIL B DETECTOR LOOP DETAILS
03/10	6-4	SHT 5	DETECTOR LOOPS AND PIEZOELECTRIC SENSOR DETAILS
03/10	6-5		MICROLOOPS FOR SPEED/VEHICLE CLASSIFICATION
03/10	6-6		QUARTZ PIEZOELECTRIC WEIGHT SENSOR AND LOOP LANE LAYOUT
03/10	6-7		TRAFFIC DATA COLLECTION CABINET INSTALLATION DETAILS
03/10	6-8		TYPE MPD CABINET POLE, BASE AND FOUNDATION INSTALLATION DETAILS

NO.1	DESCRIPTION OF REVISION	MADE BY	DATE
	2010 EDITION - FIRST RELEASE	C. COLE	3/10
NO.2	DESCRIPTION OF REVISION	MADE BY	DATE
	REVISED 1-1, 1-2, 1-3, 1-4, 1-5, 1-6, 1-8, 1-9, 1-10. ADDED 1-11 (4 SHTS).	L. LOPEZ	9/11

ADOT STANDARD DRAWINGS
REVISION DATES and STANDARD NO.'s REVIEW

	NAME	DATE
TRAFFIC SIGNAL & LIGHTING STANDARDS		

PROJECT NO. TRACS NO. H5105 01L — 1C-1 OF

AS BUILT DATA — FEDERAL AID NO. 019-PM-057 — AS BUILT DATE — 4 OF 193

ADOT STANDARD DRAWINGS

TRAFFIC SIGNAL AND LIGHTING STANDARDS
(SHEET 2 OF 2)
EFFECTIVE SEPTEMBER 2011

REVISION DATE	STANDARD NUMBER	SUBJECT: TRAFFIC SIGNALS AND LIGHTING DETAILS
	T.S. 7	**TRAFFIC SIGNAL DETECTORS**
03/10	7-1 SHT 1	LOOP DETECTOR LOCATION SAWCUT PATTERNS AND INSTALLATION DETAILS
03/10	7-1 SHT 2	SAW CUT AND CORING DETAILS
03/10	7-1 SHT 3	SAW CUT AND CORING DETAILS
03/10	7-1 SHT 4	TYPICAL DETECTOR LOOP LEAD-IN ROAD TO PULL BOX DETAIL
03/10	7-1 SHT 5	LOOP DETECTOR LOCATION AND INSTALLATION DETAILS
03/10	7-2	PRE-FORMED LOOP DETECTORS FOR RAMP METERING AND COUNTING
03/10	7-3	PRE-FORMED LOOP DETECTORS IN BRIDGE DECK
03/10	7-4	PRE-FORMED LOOP DETECTORS IN PCCP
03/10	7-5	TYPICAL PRE-FORMED LOOP DETECTOR STUB-OUT DETAIL
	T.S. 8	**SIGNAL ASSEMBLIES**
03/10	8-0	TRAFFIC SIGNAL VEHICLE FACE ASSEMBLY REQUIREMENTS AND DETAILS
03/10	8-1	VEHICLE TRAFFIC SIGNAL FACE ASSEMBLY
03/10	8-2	VEHICLE TRAFFIC SIGNAL FACE ASSEMBLY
03/10	8-3	VEHICLE TRAFFIC SIGNAL FACE ASSEMBLY
03/10	8-4 SHT 1	12-INCH VEHICLE TRAFFIC SIGNAL HOUSING/SECTION
03/10	8-4 SHT 2	12-INCH VEHICLE TRAFFIC SIGNAL HOUSING/SECTION NOTES
03/10	8-4 SHT 3	VEHICLE TRAFFIC SIGNAL HOUSING/SECTION DETAILS
03/10	8-4 SHT 4	VISORS FOR 8-INCH AND 12-INCH VEHICLE TRAFFIC SIGNAL FACE ASSEMBLY'S
	T.S. 9	**MOUNTING ASSEMBLIES - SIGNAL**
03/10	9-0 SHT 1	MOUNTING ASSEMBLY GENERAL REQUIREMENTS
03/10	9-0 SHT 2	MOUNTING ASSEMBLY GENERAL REQUIREMENTS
03/10	9-1	TYPE I AND II MOUNTING ASSEMBLIES
03/10	9-2	TYPE III AND IV MOUNTING ASSEMBLIES
03/10	9-3	TYPE V MOUNTING ASSEMBLY
03/10	9-4	TYPE VI MOUNTING ASSEMBLY
03/10	9-5	TYPE VII MOUNTING ASSEMBLY
03/10	9-6	TYPE VIII MOUNTING ASSEMBLY
03/10	9-7	TYPE IX MOUNTING ASSEMBLY
03/10	9-8	TYPE X MOUNTING ASSEMBLY
03/10	9-9	TYPE XI MOUNTING ASSEMBLY
	T.S. 10	**MOUNTING CASTINGS - SIGNAL**
03/10	10-1	MISCELLANEOUS SIGNAL MOUNTING PARTS
03/10	10-2	MAST ARM SIGNAL MOUNTING PLUMBIZER
03/10	10-3	SIGNAL MOUNTING POLE PLATE DETAILS
03/10	10-4	TERMINAL COMPARTMENT, SIDE MOUNTED AND POLE TOP MOUNTED
	T.S. 11	**PEDESTRIAN DETAILS**
03/10	11-1	TYPE I PEDESTRIAN PUSH BUTTON HOUSING ASSEMBLY
03/10	11-2	CAN STYLE PEDESTRIAN PUSH BUTTON
	T.S. 12	**FLASHERS**
03/10	12-1 SHT 1	ADVANCE WARNING FLASHER POLE DETAIL
03/10	12-1 SHT 2	ADVANCE WARNING FLASHER POLE SIGN MOUNTING DETAILS
03/10	12-1 SHT 3	ADVANCE WARNING FLASHER POLE DETAIL
	T.S. 13	**ILLUMINATION - SIGNS**
03/10	13-1	SIGN LIGHTING DETAIL FOR TUBULAR SIGN STRUCTURES
03/10	13-2	FUSE PANEL DETAILS FOR SIGN LIGHTING
03/10	13-3	PLACEMENT OF LIGHTING FIXTURES FOR OVERHEAD SIGNS
	T.S. 14	**ILLUMINATION - SPECIAL**
03/10	14-1 SHT 1	HIGH PRESSURE SODIUM (HPS) LAMPS
03/10	14-1 SHT 2	HIGH PRESSURE SODIUM (HPS) LAMPS
03/10	14-1 SHT 3	HIGH PRESSURE SODIUM (HPS) LAMPS
03/10	14-2	PEDESTRIAN BRIDGE LIGHTING DETAILS
	T.S. 15	**SERVICE**
03/10	15-1 SHT 1	TEMPORARY SIGNALS AND LIGHTING TYPICAL DETAILS
03/10	15-1 SHT 2	TEMPORARY SIGNALS AND LIGHTING TYPICAL DETAILS

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.1	2010 EDITION - FIRST RELEASE	C. COLE	3/10
NO.2	REVISED STANDARDS ON SHEET 1.	L. LOPEZ	9/11

ADOT STANDARD DRAWINGS REVISION DATES AND STANDARD NO.'s REVIEW		
	NAME	DATE
TRAFFIC SIGNAL AND LIGHTING STANDARDS		
PROJECT NO. TRACS NO. H5105 01L	1C-2 OF	
AS BUILT DATA / FEDERAL AID NO. 019-PM-057 / AS BUILT DATE	5 OF 193	

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ADOT STANDARD DRAWINGS

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	1D	193	
		019-PM-057			

STRUCTURES - 1992

REVISION DATE	STANDARD NUMBER	SUBJECT
REINFORCED CONCRETE BOX CULVERTS		
4/92	B-01.10	MISCELLANEOUS DETAILS FOR STANDARD BOX CULVERTS
4/92	B-01.11	BOX CULVERT EXTENSION DETAILS
7/88	B-02.10	SINGLE BARREL BOX CULVERT
4/92	B-02.20	DOUBLE BARREL BOX CULVERT
7/88	B-02.25	DOUBLE BARREL BOX CULVERT
4/92	B-02.30	TRIPLE BARREL BOX CULVERT
7/88	B-02.35	TRIPLE BARREL BOX CULVERT
4/92	B-02.40	FOUR BARREL BOX CULVERT
7/88	B-02.45	FOUR BARREL BOX CULVERT
4/92	B-02.50	FIVE BARREL BOX CULVERT
7/88	B-02.55	FIVE BARREL BOX CULVERT
4/92	B-02.60	SIX BARREL BOX CULVERT
7/88	B-02.65	SIX BARREL BOX CULVERT
7/88	B-02.70	CULVERT QUANTITIES
7/88	B-03.10	16' X 14' EQUIPMENT PASS
7/88	B-04.10	OUTLET WINGS, CULVERT HEIGHT 3' TO 7', SKEW 0° TO 20°
7/88	B-04.20	OUTLET WINGS, CULVERT HEIGHT 8' TO 12', SKEW 0° TO 20°
7/88	B-04.30	INLET WINGS, CULVERT HEIGHT 3' TO 7', SKEW 0° TO 20°
4/92	B-04.40	INLET WINGS, CULVERT HEIGHT 8' TO 12', SKEW 0° TO 20°
7/88	B-04.50	OUTLET WINGS, CULVERT HEIGHT 3' TO 7', SKEW 25° TO 45°
7/88	B-04.60	OUTLET WINGS, CULVERT HEIGHT 8' TO 12', SKEW 25° TO 45°
7/88	B-04.70	INLET WINGS, CULVERT HEIGHT 3' TO 7', SKEW 25° TO 45°
7/88	B-04.80	INLET WINGS, CULVERT HEIGHT 8' TO 12', SKEW 25° TO 45°
7/88	B-05.10	HEADWALL QUANTITIES, 2:1 SLOPE
7/88	B-05.20	HEADWALL QUANTITIES, 4:1 SLOPE
7/88	B-05.30	HEADWALL QUANTITIES, 6:1 SLOPE
4/92	B-06.10	OUTLET APRON DETAIL
7/88	B-06.20	OUTLET APRON DIMENSIONS & QUANTITIES, 2:1 SLOPE
7/88	B-06.30	OUTLET APRON DIMENSIONS & QUANTITIES, 4:1 SLOPE
7/88	B-06.40	OUTLET APRON DIMENSIONS & QUANTITIES, 6:1 SLOPE
7/76	B-08.10	INLET OR OUTLET LEVEL WINGS, HEIGHT 3' TO 7'
7/76	B-08.20	INLET OR OUTLET LEVEL WINGS, HEIGHT 8' TO 12'
REINFORCED CONCRETE HEADWALLS FOR PIPE CULVERTS		
4/92	B-11.10	PIPE CULVERT HEADWALLS, MISCELLANEOUS DETAILS
4/92	B-11.11	INLET AND OUTLET HEADWALLS, 18" TO 42" PIPES
4/92	B-11.12	INLET AND OUTLET HEADWALLS, RIGHT ANGLE PIPE CULVERTS, 48" TO 84" PIPES
4/92	B-11.13	INLET AND OUTLET HEADWALLS, SKEWED PIPE CULVERTS, 48" TO 84" PIPES
4/92	B-11.14	MULTIPIPE HEADWALLS, 48" TO 84" PIPES
4/92	B-12.10	INLET HEADWALLS, RIGHT ANGLE PIPE CULVERT
4/92	B-12.20	INLET HEADWALLS, RIGHT ANGLE PIPE CULVERT, 2:1 SLOPE
4/92	B-12.30	INLET HEADWALLS, RIGHT ANGLE PIPE CULVERT, 4:1 SLOPE
4/92	B-12.40	INLET HEADWALLS, RIGHT ANGLE PIPE CULVERT, 6:1 SLOPE
4/92	B-12.50	OUTLET HEADWALLS, RIGHT ANGLE PIPE CULVERT
4/92	B-12.60	OUTLET HEADWALLS, RIGHT ANGLE PIPE CULVERT, 2:1 SLOPE
4/92	B-12.70	OUTLET HEADWALLS, RIGHT ANGLE PIPE CULVERT, 4:1 SLOPE
4/92	B-12.80	OUTLET HEADWALLS, RIGHT ANGLE PIPE CULVERT, 6:1 SLOPE
4/92	B-13.10	INLET HEADWALLS, 15° SKEW PIPE CULVERT
4/92	B-13.20	INLET HEADWALLS, 15° SKEW PIPE CULVERT, 2:1 SLOPE
4/92	B-13.30	INLET HEADWALLS, 15° SKEW PIPE CULVERT, 4:1 SLOPE
4/92	B-13.40	INLET HEADWALLS, 15° SKEW PIPE CULVERT, 6:1 SLOPE
4/92	B-13.50	OUTLET HEADWALLS, 15° SKEW PIPE CULVERT
4/92	B-13.60	OUTLET HEADWALLS, 15° SKEW PIPE CULVERT, 2:1 SLOPE
4/92	B-13.70	OUTLET HEADWALLS, 15° SKEW PIPE CULVERT, 4:1 SLOPE
4/92	B-13.80	OUTLET HEADWALLS, 15° SKEW PIPE CULVERT, 6:1 SLOPE
4/92	B-14.10	INLET HEADWALLS, 30° SKEW PIPE CULVERT
4/92	B-14.20	INLET HEADWALLS, 30° SKEW PIPE CULVERT, 2:1 SLOPE
4/92	B-14.30	INLET HEADWALLS, 30° SKEW PIPE CULVERT, 4:1 SLOPE
4/92	B-14.40	INLET HEADWALLS, 30° SKEW PIPE CULVERT, 6:1 SLOPE
4/92	B-14.50	OUTLET HEADWALLS, 30° SKEW PIPE CULVERT
4/92	B-14.60	OUTLET HEADWALLS, 30° SKEW PIPE CULVERT, 2:1 SLOPE
4/92	B-14.70	OUTLET HEADWALLS, 30° SKEW PIPE CULVERT, 4:1 SLOPE
4/92	B-14.80	OUTLET HEADWALLS, 30° SKEW PIPE CULVERT, 6:1 SLOPE
4/92	B-15.10	INLET HEADWALLS, 45° SKEW PIPE CULVERT
4/92	B-15.20	INLET HEADWALLS, 45° SKEW PIPE CULVERT, 2:1 SLOPE
4/92	B-15.30	INLET HEADWALLS, 45° SKEW PIPE CULVERT, 4:1 SLOPE
4/92	B-15.40	INLET HEADWALLS, 45° SKEW PIPE CULVERT, 6:1 SLOPE
4/92	B-15.50	OUTLET HEADWALLS, 45° SKEW PIPE CULVERT
4/92	B-15.60	OUTLET HEADWALLS, 45° SKEW PIPE CULVERT, 2:1 SLOPE
4/92	B-15.70	OUTLET HEADWALLS, 45° SKEW PIPE CULVERT, 4:1 SLOPE
4/92	B-15.80	OUTLET HEADWALLS, 45° SKEW PIPE CULVERT, 6:1 SLOPE
4/92	B-16.10	MULTIPIPE HEADWALLS WITHOUT APRON
4/92	B-16.20	MULTIPIPE HEADWALLS WITH OUTLET APRON
4/92	B-17.10	OUTLET APRONS
4/92	B-17.20	OUTLET APRON STEEL LIST 2:1 SLOPE
4/92	B-17.30	OUTLET APRON STEEL LIST 4:1 SLOPE
4/92	B-17.40	OUTLET APRON STEEL LIST 6:1 SLOPE
MISCELLANEOUS STANDARDS		
4/92	B-19.50	STRUCTURAL EXCAVATION & STRUCTURE BACKFILL FOR R.C.B. CULVERTS

STRUCTURE DETAIL DRAWINGS

REVISION DATE	SD NO.	SUBJECT
RAILINGS		
3/09	SD1.01	F-SHAPE BRIDGE CONCRETE BARRIER AND TRANSITION (32") NOMINAL
3/09	SD1.02	F-SHAPE BRIDGE CONCRETE BARRIER AND TRANSITION (42") NOMINAL
11/07	SD1.03	THRIE BEAM GUARD RAIL TRANSITION SYSTEN
3/09	SD1.04	COMBINATION PEDESTRIAN - TRAFFIC BRIDGE RAILING
3/09	SD1.05	PEDESTRIAN FENCE FOR BRIDGE RAILING SD1.04
6/09	SD1.06 (1 OF 4)	TWO TUBE BRIDGE RAIL
6/09	SD1.06 (2 OF 4)	TWO TUBE BRIDGE RAIL
6/09	SD1.06 (3 OF 4)	TWO TUBE BRIDGE RAIL
6/09	SD1.06 (4 OF 4)	TWO TUBE BRIDGE RAIL
4/10	SD1.11	BARRIER JUNCTION BOX
APPROACHES		
12/07	SD2.01	APPROACH SLAB DETAILS
12/07	SD2.02	TYPE 1 - ANCHOR SLAB DETAILS
12/07	SD2.03	TYPE 2 - ANCHOR SLAB DETAILS
9/09	SD2.04	SLOPE PAVING DETAILS
DECK JOINTS		
6/09	SD3.01	DECK JOINT ASSEMBLY - COMPRESSION SEAL
12/09	SD3.02	DECK JOINT ASSEMBLY - STRIP SEAL
12/09	SD3.03	DECK JOINT ASSEMBLY - RAISED STRIP SEAL
RETAINING WALLS		
9/10	SD7.01 (1 OF 5)	RETAINING WALL (REINFORCED CONCRETE CANTILEVER)
9/10	SD7.01 (2 OF 5)	RETAINING WALL (REINFORCED CONCRETE CANTILEVER)
9/10	SD7.01 (3 OF 5)	RETAINING WALL (REINFORCED CONCRETE CANTILEVER)
9/10	SD7.01 (4 OF 5)	RETAINING WALL (REINFORCED CONCRETE CANTILEVER)
9/10	SD7.01 (5 OF 5)	RETAINING WALL (REINFORCED CONCRETE CANTILEVER)
9/10	SD7.02 (1 OF 2)	RETAINING WALL (MASONRY CANTILEVER)
9/10	SD7.02 (2 OF 2)	RETAINING WALL (MASONRY CANTILEVER)
SOUND BARRIER WALLS		
4/10	SD8.01	SOUND BARRIER WALL (CONCRETE)
4/10	SD8.02 (1 OF 2)	SOUND BARRIER WALL (MASONRY)
4/10	SD8.02 (2 OF 2)	SOUND BARRIER WALL (MASONRY)
TRAFFIC STRUCTURES		
11/04	SD9.01 (1 OF 5)	MEDIAN SIGN STRUCTURE (TWO SIDED) - ELEVATION & NOTES
04/00	SD9.01 (2 OF 5)	MEDIAN SIGN STRUCTURE (TWO SIDED) - FOUNDATION DETAILS
04/00	SD9.01 (3 OF 5)	MEDIAN SIGN STRUCTURE (TWO SIDED) - TYPE A SIGN MOUNT ASSEMBLY
04/00	SD9.01 (4 OF 5)	MEDIAN SIGN STRUCTURE (TWO SIDED) - TYPE B SIGN MOUNT ASSEMBLY
04/00	SD9.01 (5 OF 5)	MEDIAN SIGN STRUCTURE (TWO SIDED) - LIGHT SUPPORT AND MISC. DETAILS
11/04	SD9.02 (1 OF 5)	MEDIAN SIGN STRUCTURE (ONE SIDED) - ELEVATION & NOTES
05/00	SD9.02 (2 OF 5)	MEDIAN SIGN STRUCTURE (ONE SIDED) - FOUNDATION DETAILS
05/00	SD9.02 (3 OF 5)	MEDIAN SIGN STRUCTURE (ONE SIDED) - TYPE A SIGN MOUNT ASSEMBLY
05/00	SD9.02 (4 OF 5)	MEDIAN SIGN STRUCTURE (ONE SIDED) - TYPE B SIGN MOUNT ASSEMBLY
05/00	SD9.02 (5 OF 5)	MEDIAN SIGN STRUCTURE (ONE SIDED) - LIGHT SUPPORT AND MISC. DETAILS
3/11	SD9.10 (1 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - GENERAL & PLAN
3/11	SD9.10 (2 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - FOUNDATION DETAILS
3/11	SD9.10 (3 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - POST AND MAST ARM DETAILS
3/11	SD9.10 (4 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - SIGN SUPPORT DETAILS
3/11	SD9.10 (5 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - LIGHT SUPPORT DETAILS
3/11	SD9.20 (1 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR FRAME - GENERAL & PLAN
3/11	SD9.20 (2 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR FRAME - FOUNDATION DETAILS
3/11	SD9.20 (3 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR FRAME - POST AND MAST ARM DETAILS
3/11	SD9.20 (4 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR FRAME - SIGN SUPPORT DETAILS
3/11	SD9.20 (5 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR FRAME - LIGHT SUPPORT AND MISC. DETAILS
8/02	SD9.50 (1 OF 5)	VARIABLE MESSAGE SIGN - TUBULAR FRAME - PLAN & ELEVATION
8/02	SD9.50 (2 OF 5)	VARIABLE MESSAGE SIGN - TUBULAR FRAME - MOUNTING DETAILS
8/02	SD9.50 (3 OF 5)	VARIABLE MESSAGE SIGN - TUBULAR FRAME - MOUNTING AND SIGN BRACKET DETAILS
7/00	SD9.50 (4 OF 5)	VARIABLE MESSAGE SIGN - CATWALK - HANDRAIL DETAILS
7/00	SD9.50 (5 OF 5)	VARIABLE MESSAGE SIGN - CATWALK - MISCELLANEOUS DETAILS
8/02	SD9.51	DUAL VARIABLE MESSAGE SIGN - TUBULAR FRAME
5/07	SD9.52 (1 of 5)	DYNAMIC MESSAGE SIGN - TUBULAR FRAME - PLAN & ELEVATION
5/07	SD9.52 (2 of 5)	DYNAMIC MESSAGE SIGN - TUBULAR FRAME - MOUNTING DETAILS
5/07	SD9.52 (3 of 5)	DYNAMIC MESSAGE SIGN - TUBULAR FRAME - MOUNTING DETAILS
5/07	SD9.52 (4 of 5)	DYNAMIC MESSAGE SIGN - CATWALK - HANDRAIL DETAILS
5/07	SD9.52 (5 of 5)	DYNAMIC MESSAGE SIGN - CATWALK - MISCELLANEOUS DETAILS

REV.: 3 / 11

ADOT STANDARD DRAWINGS REVISION DATES and STANDARD NO.'s REVIEW		
	NAME	DATE
STRUCTURES Standards		

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	7	193	
		019-PM-057			

INDEX OF SHEETS

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CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

DESIGN DATA SHEET

PRELIMINARY
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Review
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ROUTE	LOCATION	
I-19	SAN XAVIER ROAD TO I-10	SHEET G-1.01 OF G-1.03
TRACS NO. H 5105 01L	019-PM-057	7 OF 193

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	8	193	
		019-PM-057			

MIDPOINT OF PROJECT

East Zone
State Plane Coordinates

X = 98,000
Y = 419,900

EARTHWORK QUANTITIES (CY)								
	Phase I	Phase II	Phase III	Phase IV	Phase V	Phase VI	Phase VII	Total
Roadway Excavation	6,690	4,411	0	0	11,633	237,232	115,464	375,430
Drainage Excavation	-	-	-	-	-	-	-	-
Channel Excavation	-	-	-	-	-	-	-	-
Pipe Excavation	-	-	-	-	-	-	-	-
Structural Excavation	-	-	-	-	-	-	-	-
Shrink (20%)	1,338	882	0	0	2,327	47,446	23,093	75,086
Roadway Embankment	298,860	363,454	60,393	39,737	397,826	359,789	351,323	1,871,382
Pipe Backfill	-	-	-	-	-	-	-	-
Structure Backfill	-	-	-	-	-	-	-	-
Ground Compaction	-	-	-	-	-	-	-	-
Phase Waste	0	0	0	0	0	0	0	0
Borrow (In-Place)**	293,508	359,925	60,393	39,737	388,520	170,003	297,352	1,609,438
Cumulative Waste								0
Cumulative Borrow**								1,609,438

** No shrink or swell applied to borrow.

EARTHWORK FACTORS ***		
Station	Shrink/Swell	Ground Compaction
Project	20% Shrink	0.2 Ft

SOIL VALUES		
Station	ph	Resistivity (ohm-cm)
Project	7.1 to 8.4	1,342 to 4,764

*** See Preliminary Geotechical Investigation Report (Stage II Design) I-19, San Xavier Road to I-10, August 2011.

GENERAL NOTES

1. Roadway Plans have been designed utilizing the 2007 Construction Standard Drawing (C-Series) and current revisions. Refer to the 1A sheet for a listing of current revision dates.
2. R/W marker shall be furnished and placed by ADOT R/W Plans Section forces.
3. Pavement Marking shall be in accordance with the current edition of the Signing and Marking Standard Drawings (M&S-Series) and the pavement marking plans.
4. Bench markers will be furnished by the State and shall be placed by the contractor in accordance with Std C-21.20.
5. Pavement lift thickness is nominal.
6. Where only the horizontal location of an existing utility is shown, the location is approximate. Where both the horizontal and vertical locations of an existing utility are shown, the locations have been verified by field survey methods. The contractor shall comply with all current Blue Stake laws and Section 107.15 of the Specifications.
7. Delineators, object markers and mile post markers shall be removed and reset as required.
8. The average project elevation is 2450 Ft.
9. New Right of Way and easements are required; See plans.
10. Changes in location or length of spillway installation may be made by the Engineer to improve drainage conditions.
11. Survey Monuments in median must not be disturbed.
12. Slope rounding shall be applied per Std C-02 series unless otherwise noted.

LENGTH OF PROJECT

I-19
Mile Post 56.3 to Mile Post 63
Sta 2982+14.85 to 3319+21.00 I-19 NB
Gross & Net Length = 33,706'
= 6.4 Miles

DESIGN CRITERIA

Mainline I-19
1. Design Speed = 65 MPH
2. Maximum Superelevation = 0.060 ft/ft
3. ADT = 131,500 (NB & SB Projected to 2030)
4. Design Vehicle = WB-67

Ramps
1. Design Speed
   - Exit Gore = 60 MPH
   - Entrance Gore = 55 MPH
   - Body of Ramp = 50 MPH
   - At Crossroad = 35 MPH
2. Maximum Superelevation = 0.060 ft/ft
3. ADT = See 2030 ADT table this Sheet
4. Design Vehicle = WB-67

Crossroads
(Ajo Way, Irvington Rd, Drexel Rd, Los Reales Rd)
1. Design Speed = 50 MPH
2. Maximum Superelevation = 0.040 ft/ft
3. ADT = See 2030 ADT table this Sheet
4. Design Vehicle = WB-67

Crossroads
(San Xavier Rd)
1. Design Speed = 50 MPH
2. Maximum Superelevation = 0.060 ft/ft
3. ADT = See 2030 ADT table this Sheet
4. Design Vehicle = WB-67

2030 ADT					
	NW	NE	SE	SW	
TI	Ramp C	Ramp D	Ramp B	Ramp A	Total
San Xavier Road	3,000	3,250	6,250	3,850	16,350
Los Reales Road	5,050	5,600	3,900	5,100	19,650
Valencia Road	13,300	13,200	12,200	10,300	49,000
Drexel Road	9,150	9,550	9,050	10,550	38,300
Irvington Road	16,650	14,250	9,050	9,800	49,750
Ajo Way	15,500	8,000	10,500	10,800	44,800
					217,850

	NAME	DATE
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DESIGN DATA SHEET

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NOT FOR CONSTRUCTION OR RECORDING

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10
SHEET G-1.02 OF G-1.03

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SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

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9	ARIZ.	H 5105 01L	9	193	
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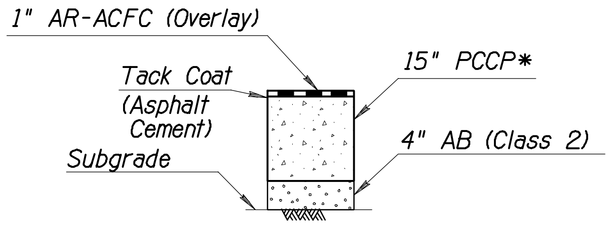
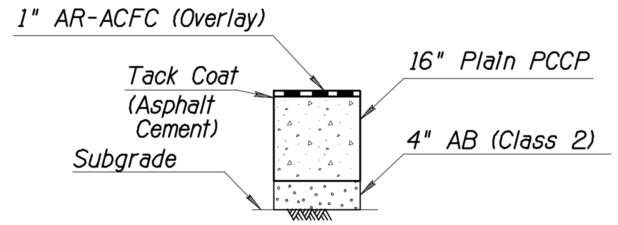


Total Thickness = 20"

PAVEMENT STRUCTURAL SECTION NO. 1

I-19 Travel Lanes, Auxiliary Lanes and Shoulders
Ramp EBFR - 10W-19S

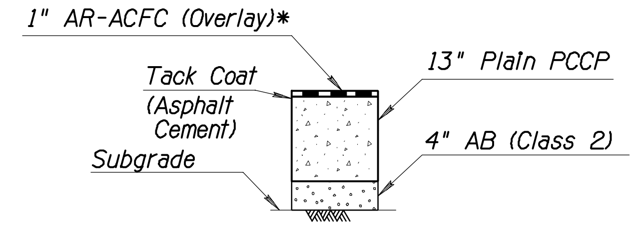
** 15" Plain PCCP - Auxiliary Lanes and Shoulders, Ramp EBFR - 10W-19S*
** 15" Doweled PCCP - I-19 Travel Lanes*



Total Thickness = 21"

PAVEMENT STRUCTURAL SECTION NO. 2

Ramp 10W-19S



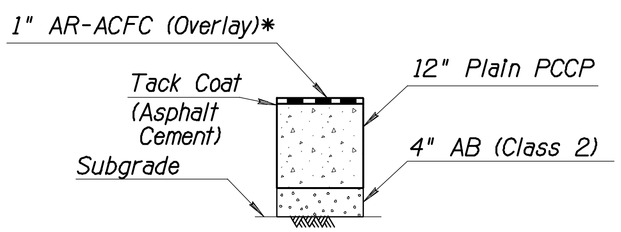
Total Thickness = 17" to 18"

PAVEMENT STRUCTURAL SECTION NO. 3

Irvington Rd Ramps

**No AR-ACFC (Overlay) at Intersections of Service Ramps/Crossroads*

(Limits 300' From End of Exit Ramps, 300' From Begin/End of Crossroads, 100' From Begin of Entrance Ramps)



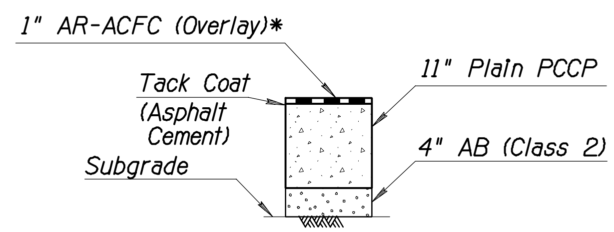
Total Thickness = 16" to 17"

PAVEMENT STRUCTURAL SECTION NO. 4

Irvington Rd, Drexel Rd, Ajo Way
Ajo Way Ramps, Drexel Rd Ramps, and Valencia Rd Ramps
Ramp 19N-10E, Ramp 10W-19S

**No AR-ACFC (Overlay) at Intersections of Service Ramps/Crossroads*

(Limits 300' From End of Exit Ramps, 300' From Begin/End of Crossroads, 100' From Begin of Entrance Ramps)



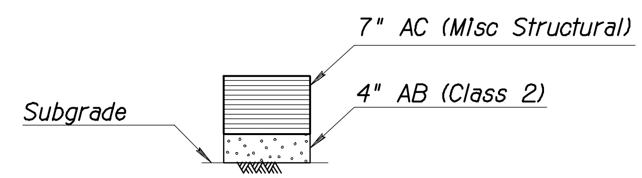
Total Thickness = 15" to 16"

PAVEMENT STRUCTURAL SECTION NO. 5

Los Reales Rd Ramps and San Xavier Rd Ramps

**No AR-ACFC (Overlay) at Intersections of Service Ramps/Crossroads*

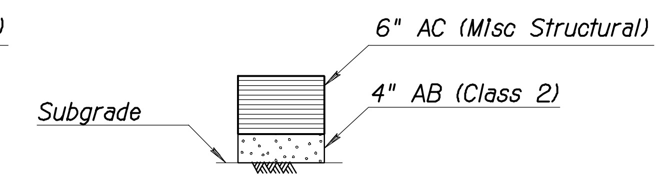
(Limits 300' From End of Exit Ramps, 300' From Begin/End of Crossroads, 100' From Begin of Entrance Ramps)



Total Thickness = 11"

PAVEMENT STRUCTURAL SECTION NO. 6

Los Reales Rd



Total Thickness = 10"

PAVEMENT STRUCTURAL SECTION NO. 7

San Xavier Rd

	NAME	DATE
DESIGN	KDS/MPK	01/12
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PAVEMENT STRUCTURAL SECTIONS

PRELIMINARY
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SHEET G-1.03 OF G-1.03

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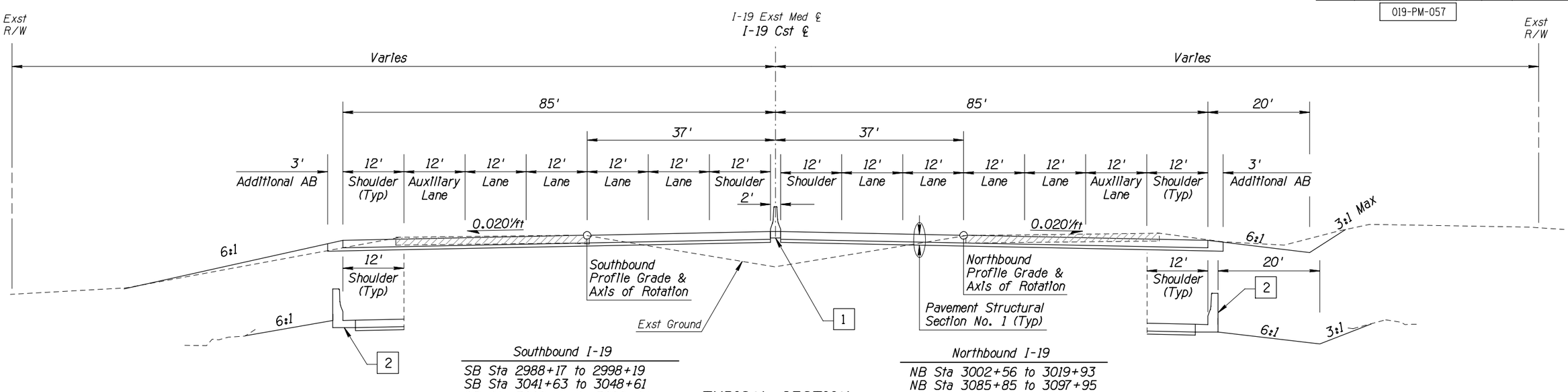


Southbound I-19

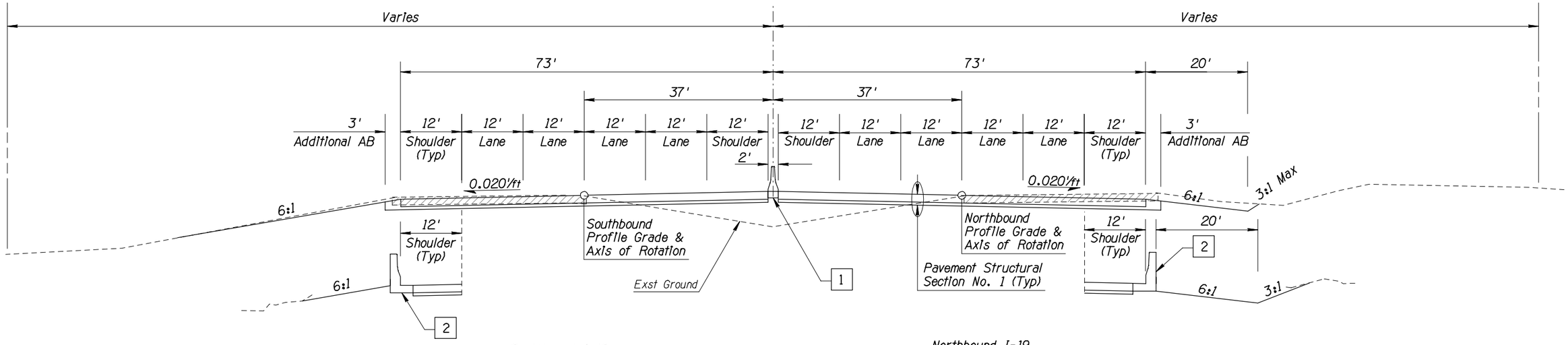
SB Sta 2988+17 to 2998+19
SB Sta 3041+63 to 3048+61
SB Sta 3089+44 to 3098+24
SB Sta 3141+68 to 3148+72
SB Sta 3168+61 to 3207+18
SB Sta 3246+81 to 3253+81
SB Sta 3274+93 to 3284+19.56

Northbound I-19

NB Sta 3002+56 to 3019+93
NB Sta 3085+85 to 3097+95
NB Sta 3135+33 to 3151+69
NB Sta 3189+96 to 3207+30
NB Sta 3240+80 to 3257+00

TYPICAL SECTION

I-19 NB & SB



Southbound I-19

SB Sta 2982+14.85 to 2988+17
SB Sta 2998+19 to 3041+63
SB Sta 3048+61 to 3089+44
SB Sta 3098+24 to 3141+68
SB Sta 3148+72 to 3168+61
SB Sta 3207+18 to 3246+81
SB Sta 3253+81 to 3274+93

Northbound I-19

NB Sta 2982+14.85 to 3002+56
NB Sta 3019+93 to 3085+85
NB Sta 3097+95 to 3135+33
NB Sta 3151+69 to 3189+96
NB Sta 3207+30 to 3240+80
NB Sta 3257+00 to 3284+19.56

TYPICAL SECTION

I-19 NB & SB

1 42" Type F Conc Median Barrier per ADOT Std C-10.41, See Roadway Plans for Locations

2 42" Type F Conc Half Barrier with Gutter per ADOT Std C-10.53, See Roadway Plans for Locations

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TYPICAL SECTIONS
I-19 NB & SB

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I-19	SAN XAVIER ROAD TO I-10	
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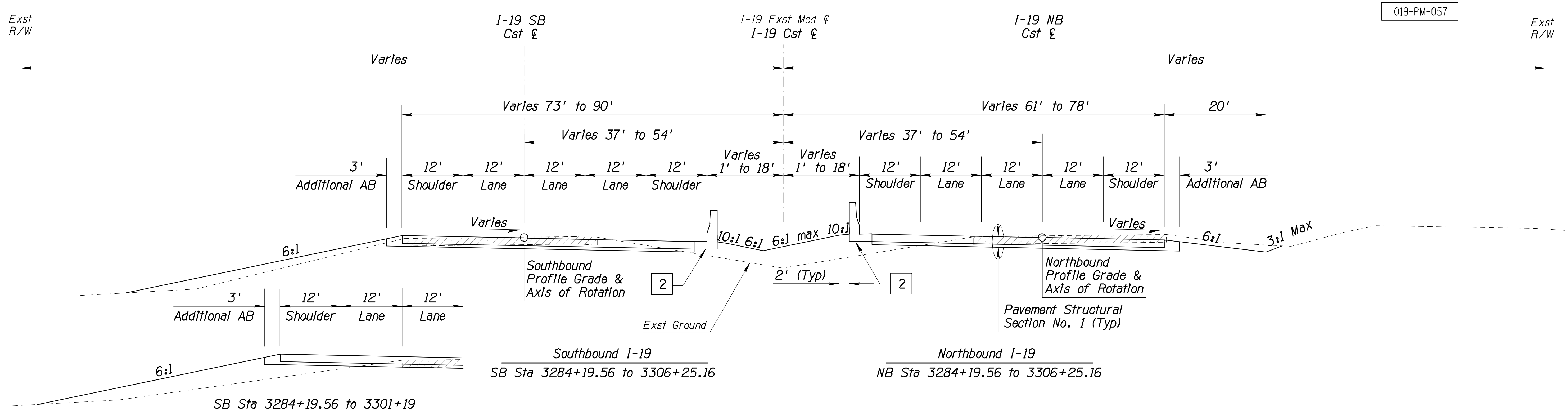
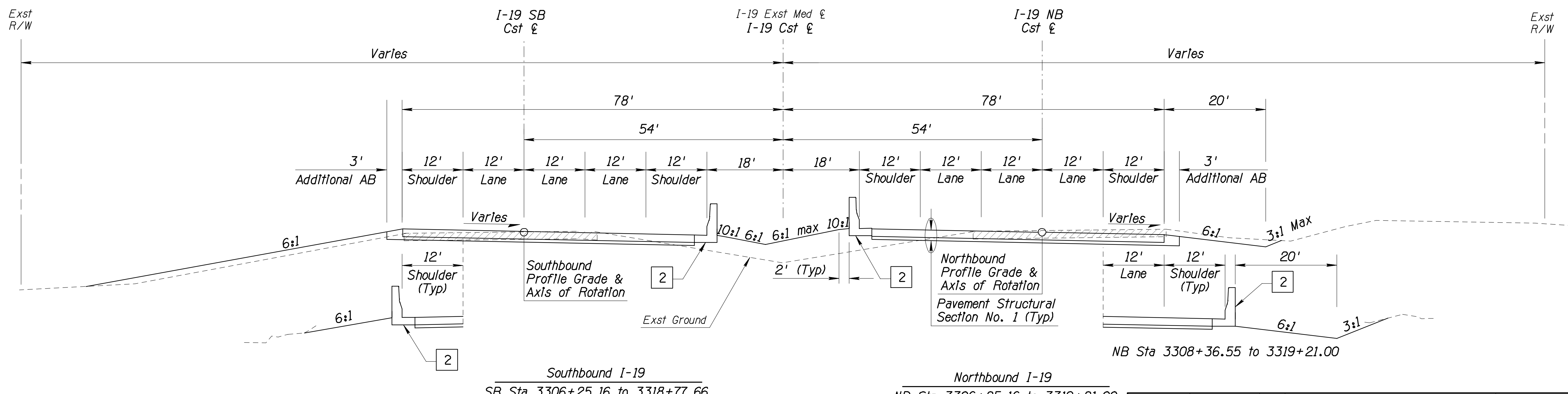


TYPICAL SECTION

I-19 NB & SB



2 — 42" Type F Conc Half Barrier with Gutter per ADOT Std C-10.53, See Roadway Plans for Locations

TYPICAL SECTION

I-19 NB & SB

	NAME	DATE
DESIGN	KDS/MPK	01/12
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TYPICAL SECTIONS
I-19 NB & SB

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ROUTE: I-19 — LOCATION: SAN XAVIER ROAD TO I-10

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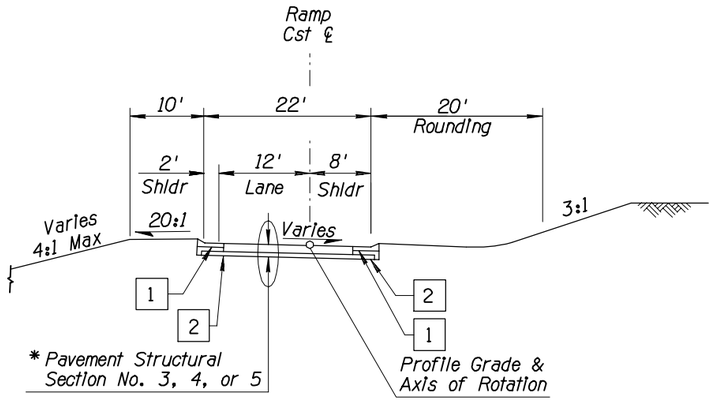
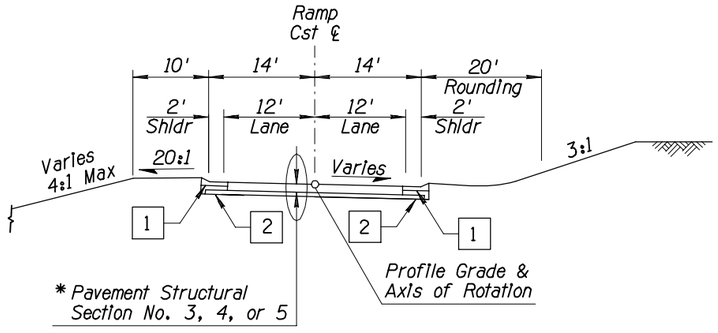


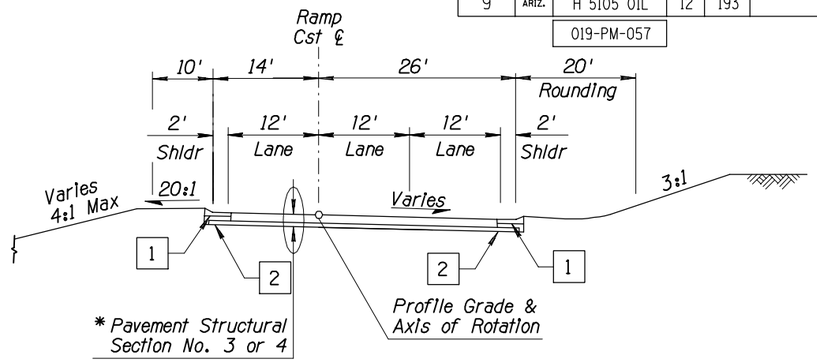
TYPICAL 1-LANE EXIT RAMP SECTION AT RAMP BODY

Los Reales Rd Ramp B Sta 21+16.08 to Sta 28+20.69
Valencia Rd Ramp B Sta 10+00.00 to Sta 26+48.27
Drexel Rd Ramp B Sta 10+00.00 to Sta 22+37.14
Irvington Rd Ramp B Sta 10+00.00 to Sta 20+99.42
Ajo Way Ramp B Sta 10+00.00 to Sta 23+43.97
***Ajo Way Ramp D 19N-10E Sta 14+28.50 to Sta 27+22.53*



TYPICAL 2-LANE ENTRANCE RAMP SECTION AT RAMP BODY

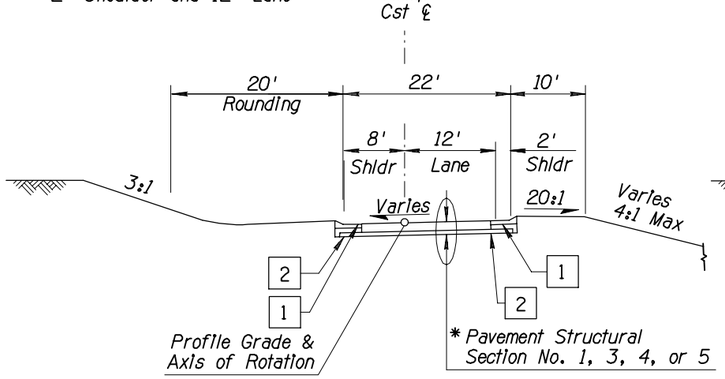
Los Reales Rd Ramp D Sta 12+02.25 to Sta 21+10.08
Valencia Rd Ramp D Sta 15+00.00 to Sta 23+98.61
Drexel Rd Ramp D Sta 14+84.08 to Sta 26+05.27
Irvington Rd Ramp D Sta 15+49.71 to Sta 23+50.44
Ajo Way Ramp D Sta 15+09.28 to Sta 38+85.91



TYPICAL 3-LANE RAMP SECTION AT CROSSROAD

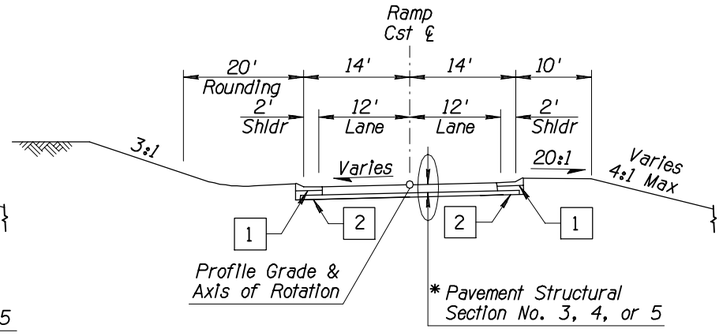
Drexel Rd Ramp B Sta 22+37.14 to Sta 25+37.14
Irvington Rd Ramp B Sta 20+99.42 to Sta 23+58.78
Ajo Way Ramp B Sta 23+43.97 to Sta 26+46.39

*** Ramp Cst ℄ Is Located between 2' Shoulder and 12' Lane*



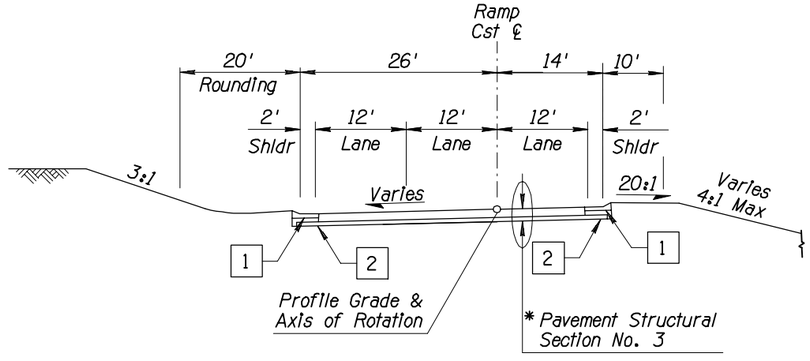
TYPICAL 1-LANE EXIT RAMP SECTION AT RAMP BODY

San Xavier Rd Ramp A Sta 10+00.00 to Sta 21+67.93
Los Reales Rd Ramp C Sta 17+06.93 to Sta 32+21.80
Drexel Rd Ramp C Sta 18+71.08 to Sta 37+28.41
Ajo Way Ramp C3 Sta 38+31.65 to Sta 51+62.84
Ajo Way Ramp C4 Sta 10+43.80 to Sta 46+56.51
EBFR-10E-19S Sta 10+00.00 to Sta 30+72.86



TYPICAL 2-LANE ENTRANCE RAMP SECTION AT RAMP BODY

Los Reales Rd Ramp A Sta 15+45.15 to Sta 23+26.78
Valencia Rd Ramp A Sta 17+73.09 to Sta 24+16.04
Drexel Rd Ramp A Sta 16+30.00 to Sta 28+40.74
Irvington Rd Ramp A Sta 15+73.21 to Sta 23+43.89
Ajo Way Ramp A Sta 18+90.89 to Sta 29+64.05



TYPICAL 3-LANE RAMP SECTION AT CROSSROAD

Valencia Rd Ramp C Sta 15+13.54 to Sta 25+58.18

Notes:

1. *See Roadway Plans for Locations of Concrete Barrier. Shoulder Widths Increase by 2' at all Concrete Barrier Locations.*
2. *See Roadway Plans for Locations of Retaining Walls.*

* *See Pavement Structural Section #3, 4, & 5 For Service Ramp/Crossroad Intersection Roadway Limits without AR-ACFC (Overlay)*

[1] *Conc Curb & Gutter, Type B or Type C Std C-05.10*

[2] *Shoulder Treatment (Typ)*

	NAME	DATE
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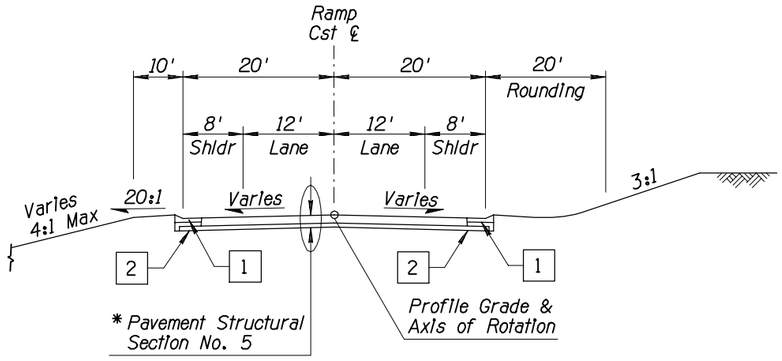
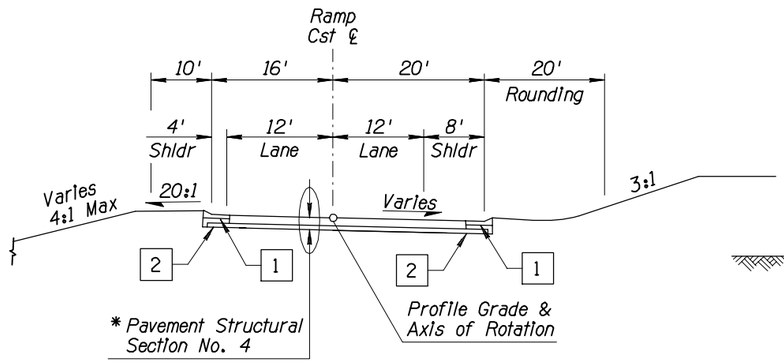
9	ARIZ.	H 5105 01L	13	193	
		019-PM-057			



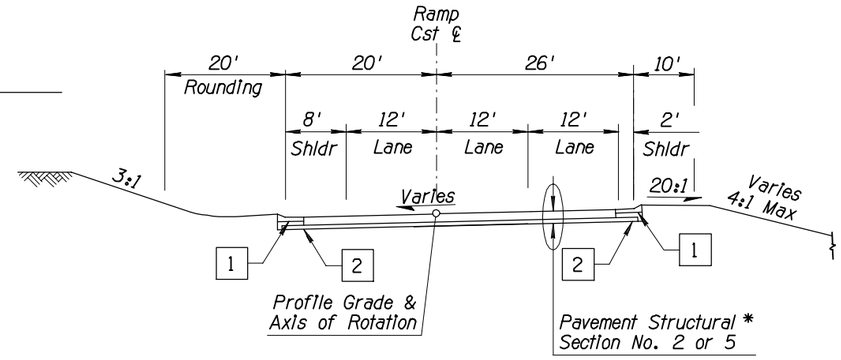
TYPICAL 2-LANE SECTION

San Xavier Rd Ramp B Sta 11+20.30 to Sta 17+65.73



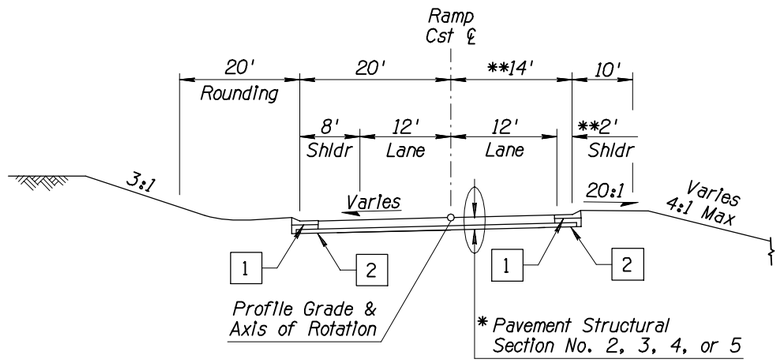
TYPICAL 2-LANE EXIT RAMP SECTION AT RAMP BODY

Ramp 19N-10E Sta 26+18.27 to Sta 45+97.07



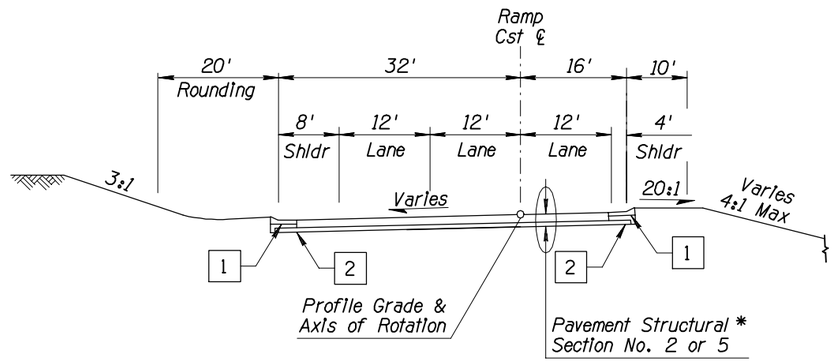
TYPICAL 3-LANE RAMP SECTION AT RAMP BODY AND CROSSROAD

Los Reales Rd Ramp C Sta 12+16.83 to Sta 14+06.61



TYPICAL 2-LANE EXIT RAMP SECTION AT RAMP BODY

Los Reales Rd Ramp C Sta 14+06.61 to Sta 17+06.93
Valencia Rd Ramp C Sta 25+58.18 to Sta 64+30.70
Irvington Rd Ramp C Sta 13+31.41 to Sta 58+89.26
Ajo Way Ramp C3 Sta 18+64.21 to Sta 38+31.65
Ramp 10W-19S Sta 11+02.69 to Sta 23+16.52



TYPICAL 3-LANE RAMP SECTION AT RAMP BODY AND CROSSROAD

Ramp 10W-19S Sta 23+16.52 to Sta 43+96.26

* *See Pavement Structural Section #3, 4, & 5 For Service Ramp/Crossroad Intersection Roadway Limits without AR-ACFC (Overlay)*

1 *Conc Curb & Gutter, Type B or Type C Std C-05.10*

2 *Shoulder Treatment (Typ)*

Notes:

1. *See Roadway Plans for Locations of Concrete Barrier. Shoulder Widths Increase by 2' at all Concrete Barrier Locations.*
2. *See Roadway Plans for Locations of Retaining Walls.*

** *For Ramp 10W-19S:*
16' Half Ramp Width
4' Rt Shoulder

	NAME	DATE
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ROUTE: I-19
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9	ARIZ.	H 5105 01L	14	193	
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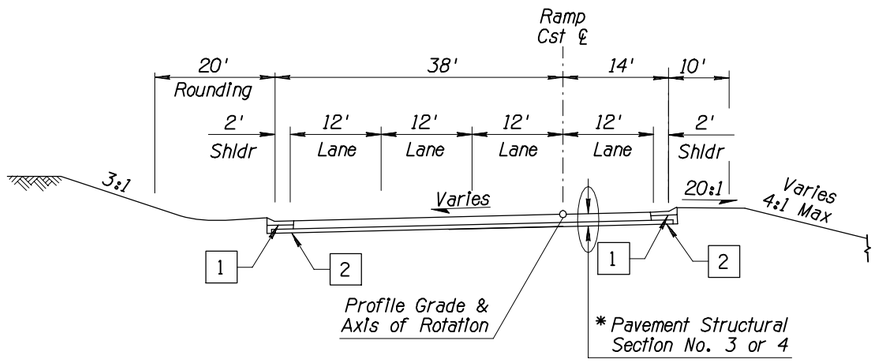
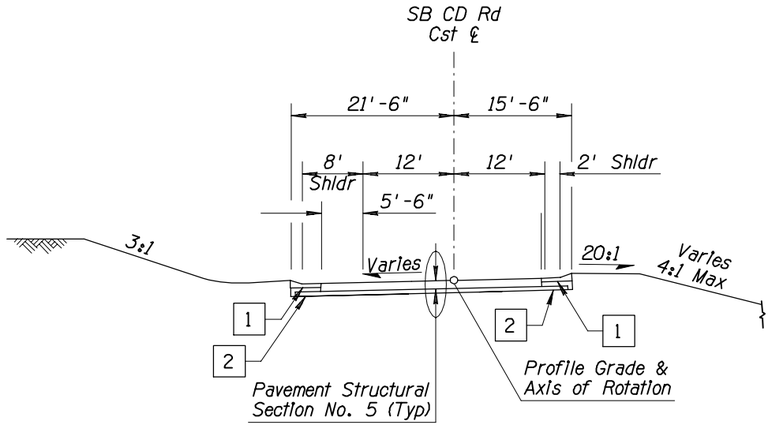


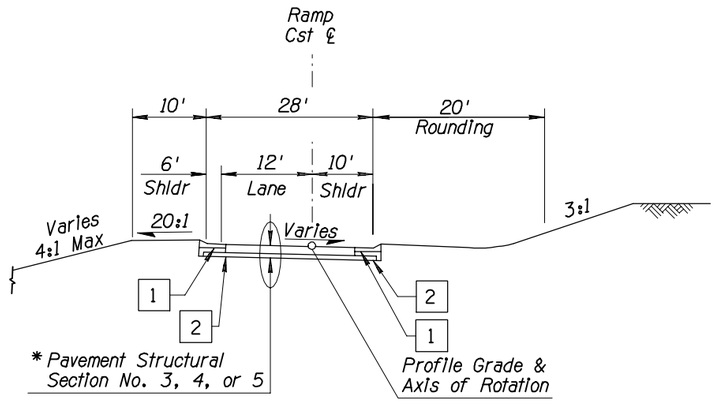
TYPICAL 4-LANE RAMP SECTION AT CROSSROAD

Drexel Rd Ramp C Sta 15+71.03 to Sta 18+71.03
Irvington Rd Ramp C Sta 13+31.41



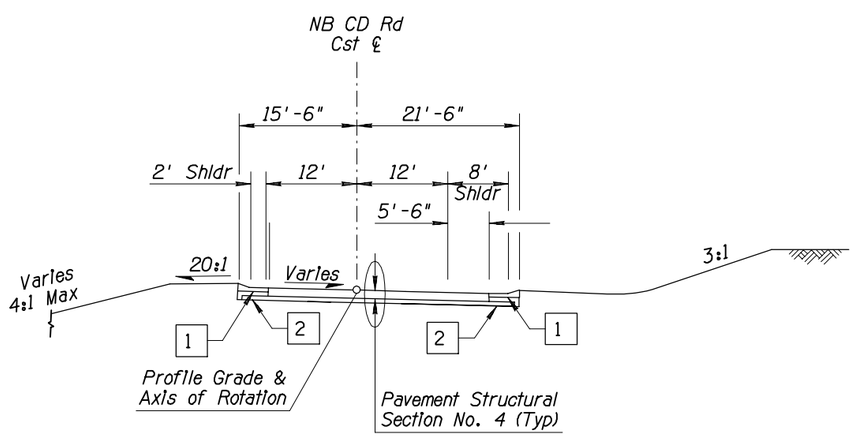
TYPICAL 2-LANE SECTION AT SB CD ROAD

San Xavier Rd Ramp C Sta 10+13.83 to Sta 51+79.48



TYPICAL 1-LANE EXIT RAMP SECTION AT RAMP BODY (SYSTEM TO SYSTEM)

Ramp 19N-10E Sta 45+97.07 to Sta 69+24.01



TYPICAL 2-LANE SECTION AT NB CD ROAD

Los Reales Rd Ramp B Sta 28+20.69 to Sta 55+62.05

* *See Pavement Structural Section #3, 4, & 5 For Service Ramp/Crossroad Intersection Roadway Limits without AR-ACFC (Overlay)*

1 *Conc Curb & Gutter, Type B or Type C Std C-05.10*

2 *Shoulder Treatment (Typ)*

3 *Concrete Half Barrier per ADOT Std C-10.53*

Notes:

1. *See Roadway Plans for Locations of Concrete Barrier. Shoulder Widths Increase by 2' at all Concrete Barrier Locations Except for Single Lane System to System Ramps*

2. *See Roadway Plans for Locations of Retaining Walls.*

	NAME	DATE
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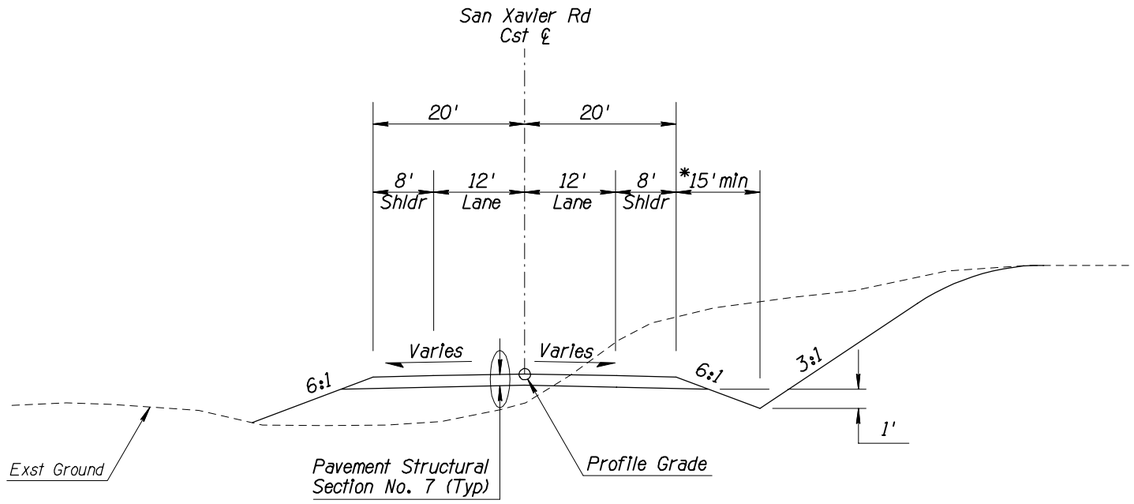
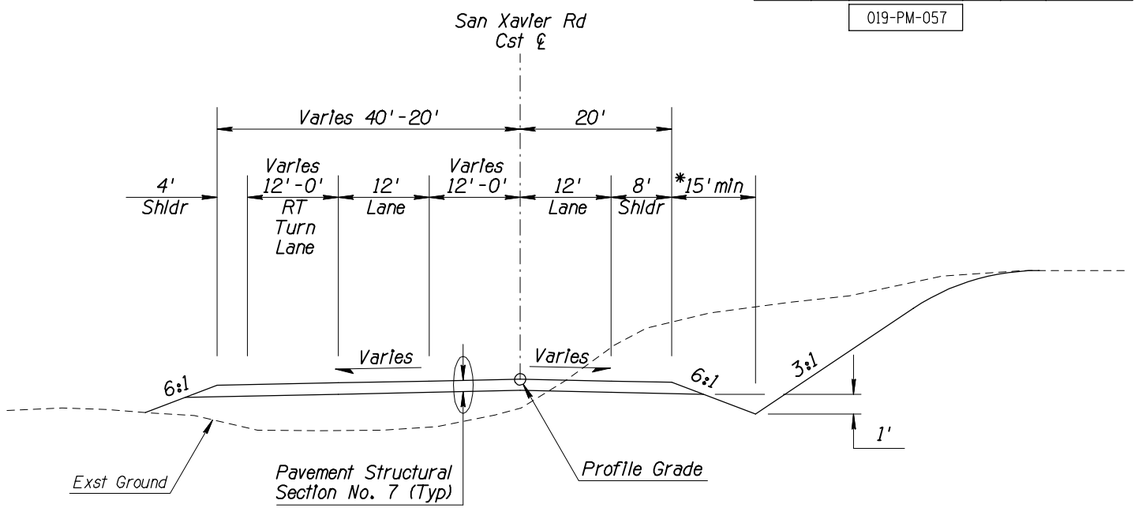


SAN XAVIER ROAD

Sta 494+19.29 to Sta 508+08
Sta 521+76 to Sta 533+08.47



SAN XAVIER ROAD

Sta 518+73 to Sta 521+76

* Note: Concrete Paved Ditch Option May be Considered In Order To Minimize Cut Needed From Martinez Hill

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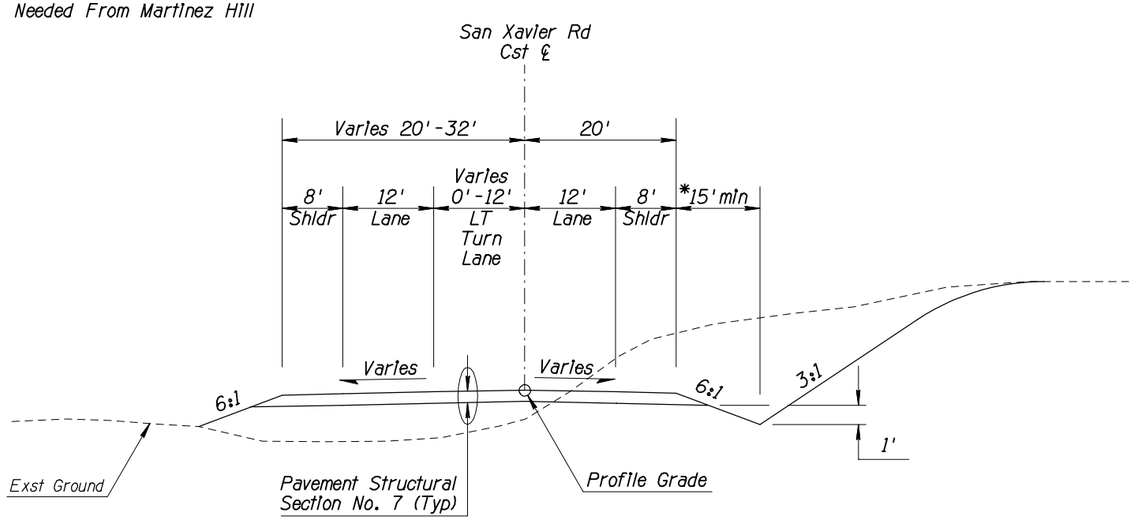

SAN XAVIER ROAD

Sta 508+08 to Sta 518+73

* Note: Concrete Paved Ditch Option May be Considered In Order To Minimize Cut Needed From Martinez Hill

	NAME	DATE
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ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

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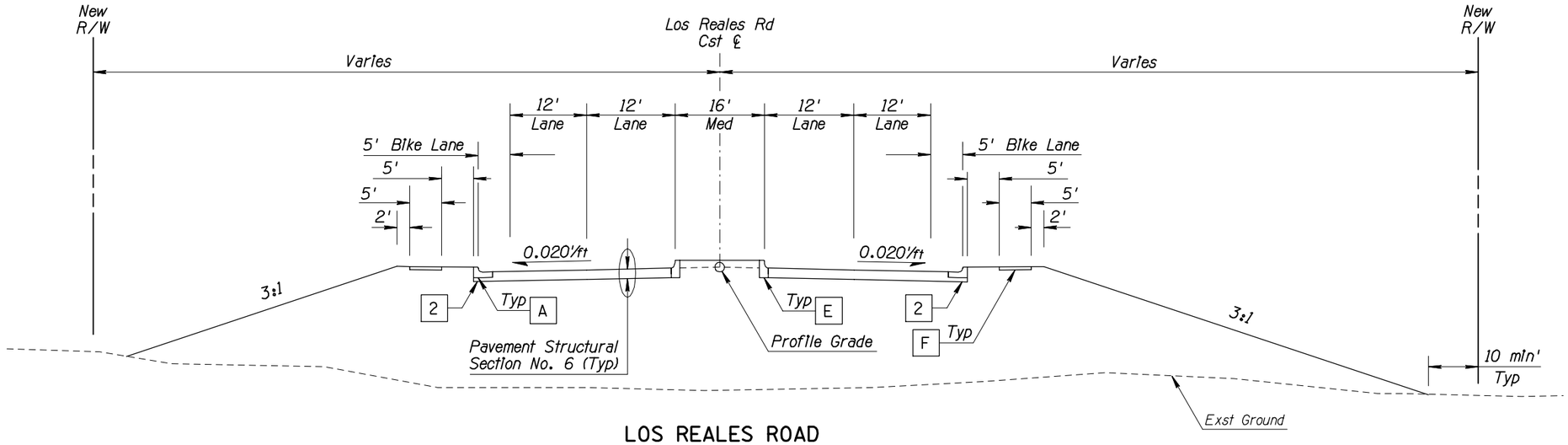
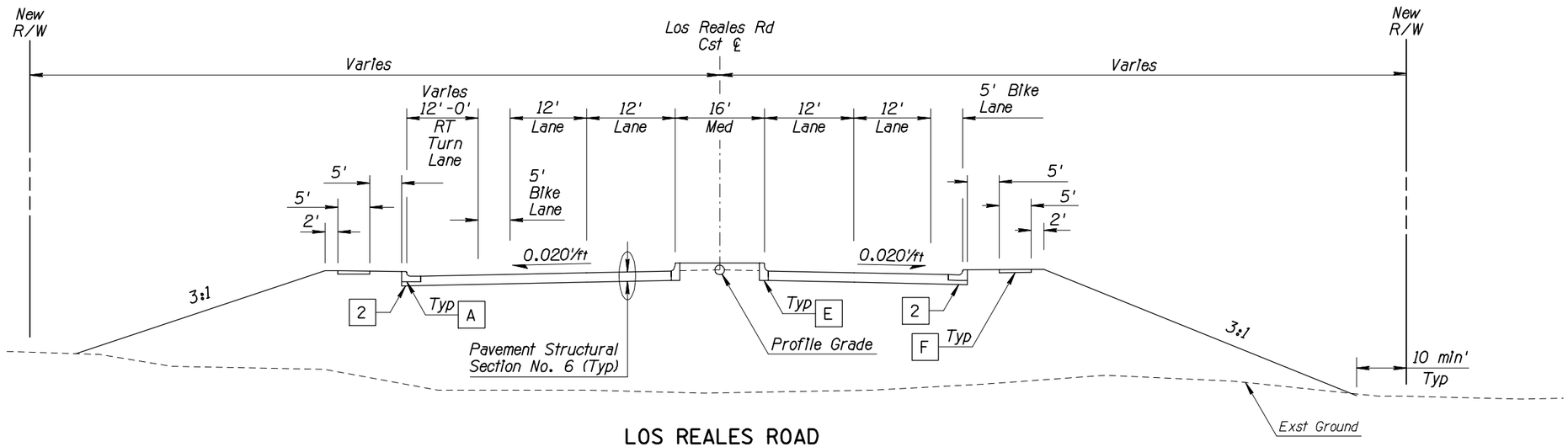


LOS REALES ROAD

Sta 497+77.79 to Sta 499+02
Sta 500+98 to Sta 501+51
Sta 505+83 to Sta 515+39



LOS REALES ROAD

Sta 501+51 to Sta 505+83

A — Concrete Curb & Gutter per ADOT Std C-05.10, Type D

E — Concrete Single Curb per ADOT Std C-05.10, Type A

F — Concrete Sidewalk per ADOT Std C-05.20

2 — Shoulder Treatment (Typ)

Note: 5' Bike Lane Is Applicable Outside of ADOT R/W

	NAME	DATE
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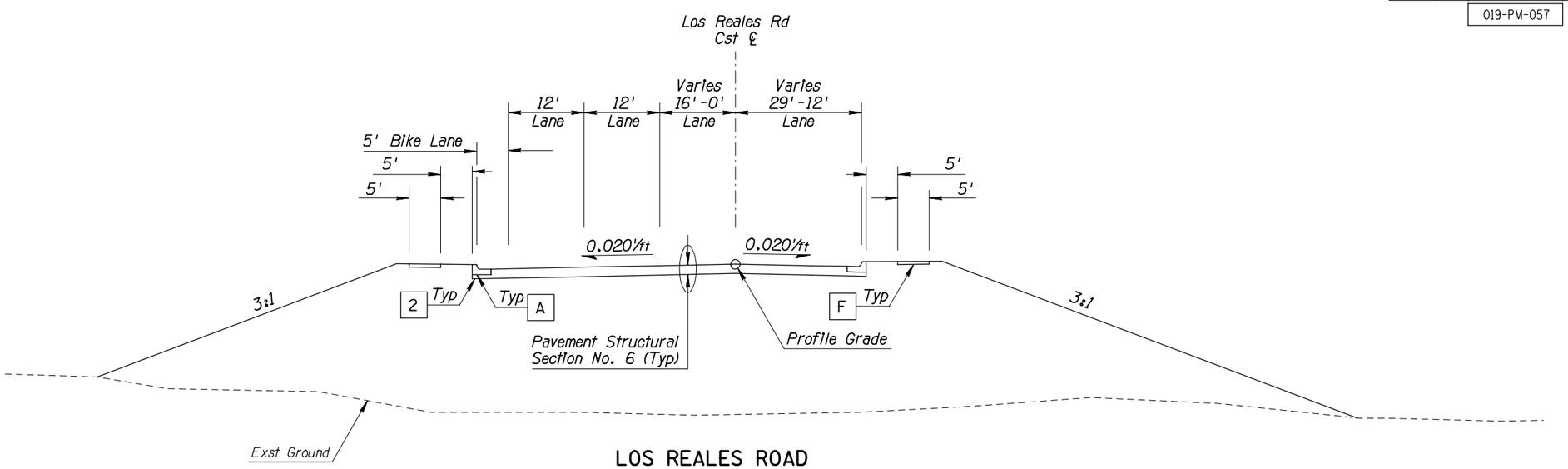
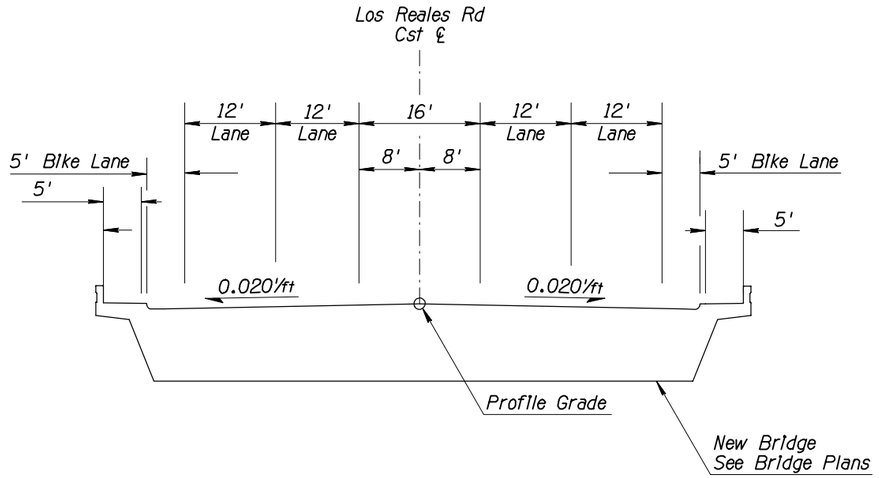
9	ARIZ.	H 5105 01L	17	193	
		019-PM-057			



LOS REALES ROAD

Sta 515+39 to Sta 522+93.19



LOS REALES ROAD

Sta 499+02 to Sta 500+98

A — *Concrete Curb & Gutter per ADOT Std C-05.10, Type D*

F — *Concrete Sidewalk per ADOT Std C-05.20*

2 — *Shoulder Treatment (Typ)*

Note: 5' Bike Lane is Applicable Outside of ADOT R/W

	NAME	DATE
DESIGN	KDS/MPK	01/12
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9	ARIZ.	H 5105 01L	18	193	
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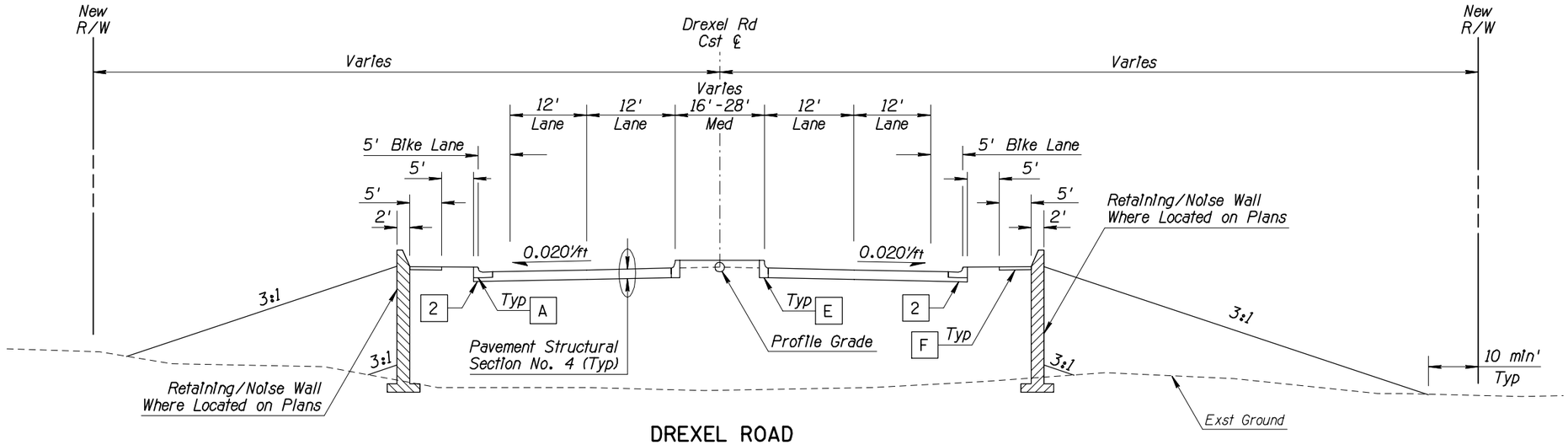
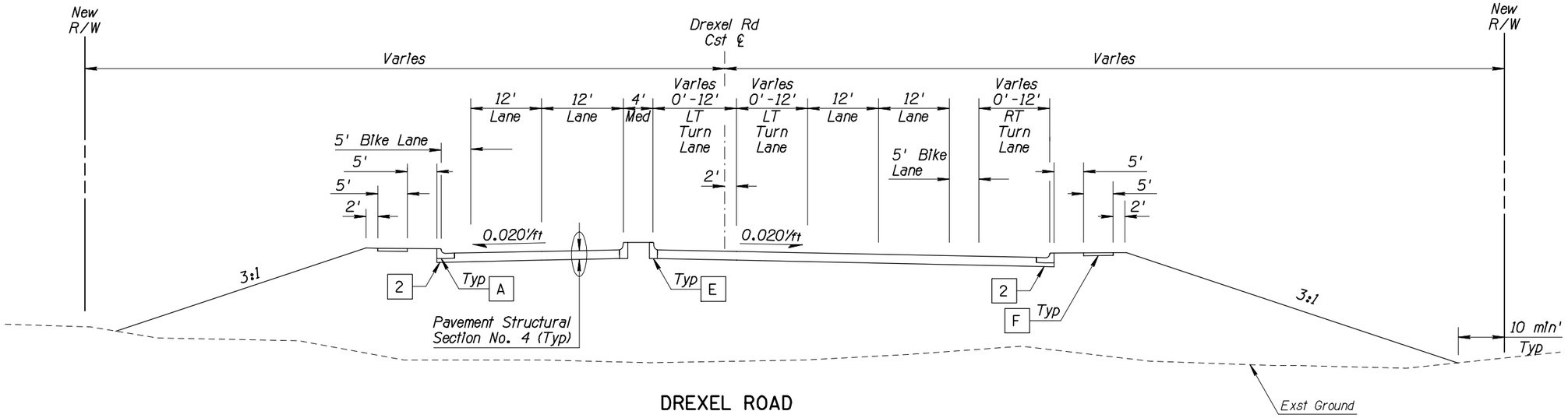


DREXEL ROAD

Sta 485+16.33 to Sta 491+77
Sta 508+20 to Sta 512+00.22



DREXEL ROAD

Sta 491+77.37 to Sta 498+05

A — Concrete Curb & Gutter per ADOT Std C-05.10, Type D

E — Concrete Single Curb per ADOT Std C-05.10, Type A

F — Concrete Sidewalk per ADOT Std C-05.20

2 — Shoulder Treatment (Typ)

Note: 5' Bike Lane is Applicable Outside of ADOT R/W

	NAME	DATE
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9	ARIZ.	H 5105 01L	19	193	
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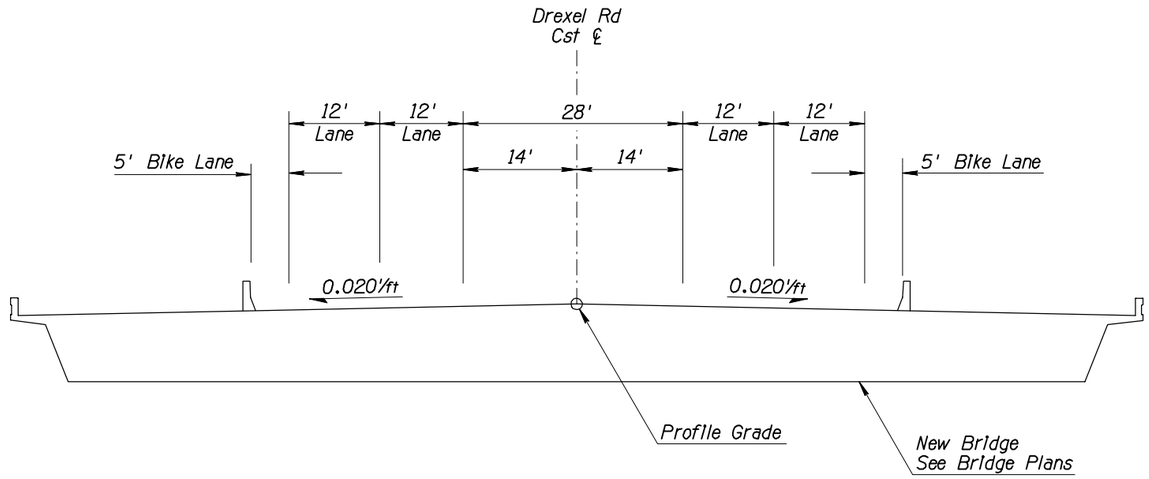
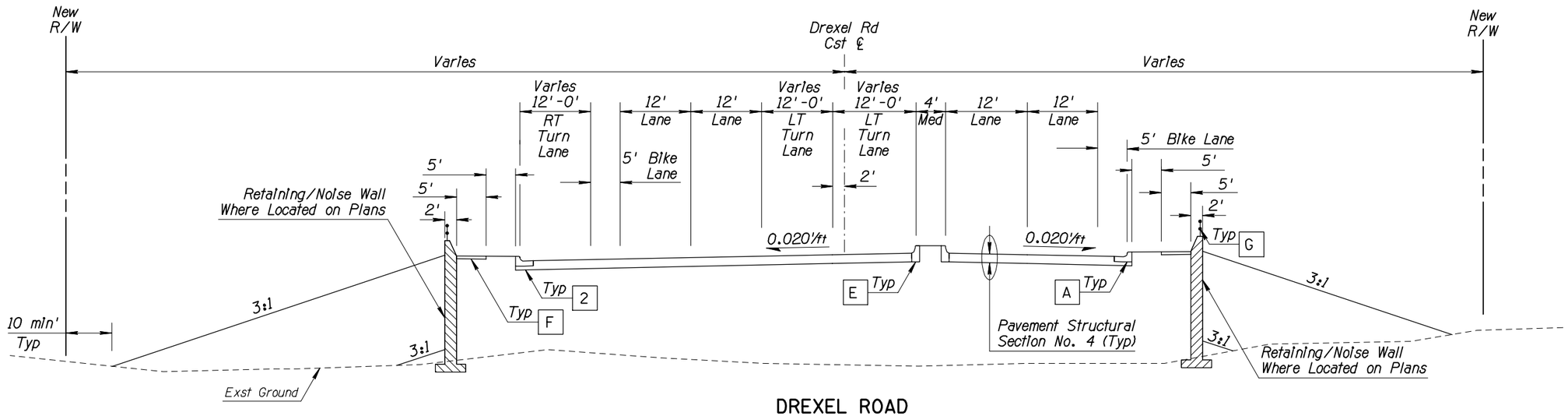


DREXEL ROAD ON BRIDGE

Sta 498+05 to Sta 501+87



DREXEL ROAD

Sta 501+87 to Sta 508+20

A — Concrete Curb & Gutter per ADOT Std C-05.10, Type D

E — Concrete Single Curb per ADOT Std C-05.10, Type A

F — Concrete Sidewalk per ADOT Std C-05.20

G — Pedestrian Handrail

2 — Shoulder Treatment (Typ)

Note: 5' Bike Lane is Applicable Outside of ADOT R/W

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
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9	ARIZ.	H 5105 01L	20	193	

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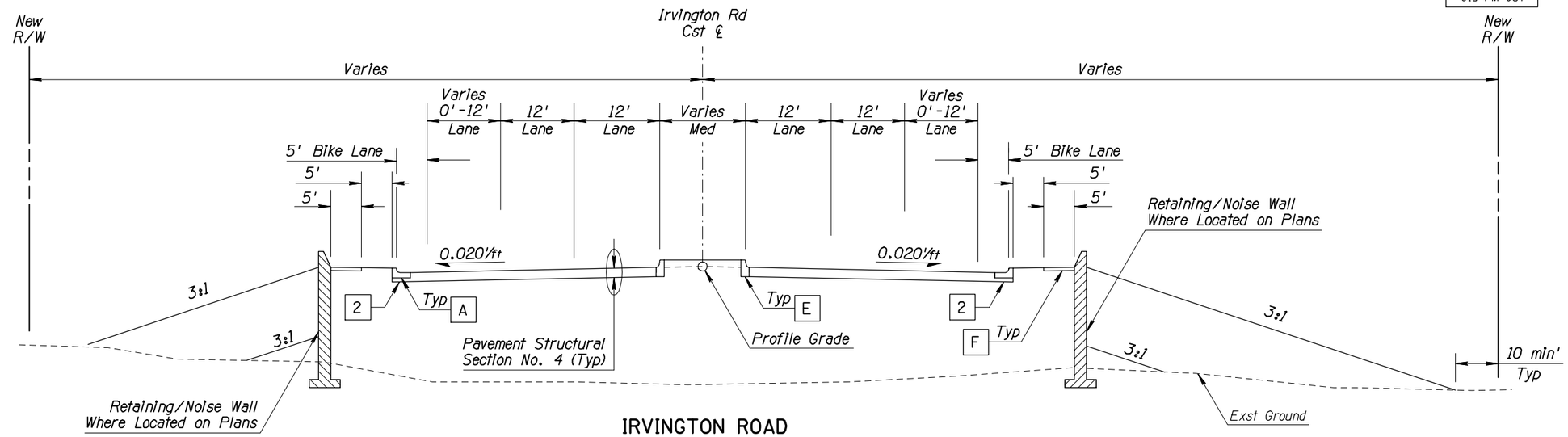
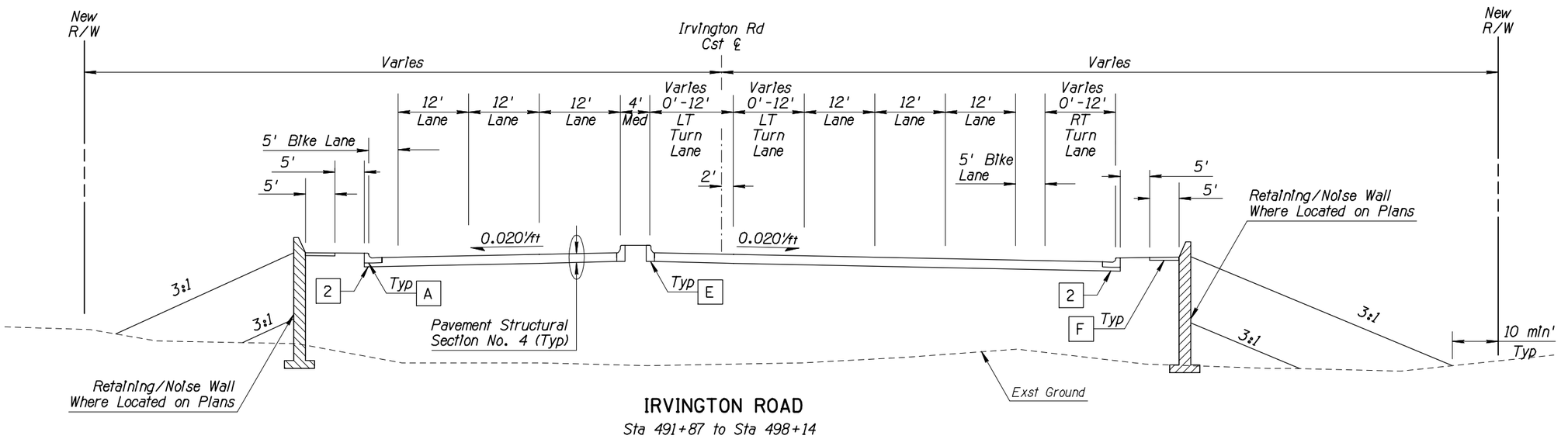


IRVINGTON ROAD

Sta 479+81.98 to Sta 491+87
Sta 506+91 to Sta 512+00.00



IRVINGTON ROAD

Sta 491+87 to Sta 498+14

A	Concrete Curb & Gutter per ADOT Std C-05.10, Type D
E	Concrete Single Curb per ADOT Std C-05.10, Type A
F	Concrete Sidewalk per ADOT Std C-05.20
2	Shoulder Treatment (Typ)

Note: 5' Bike Lane is Applicable Outside of ADOT R/W

	NAME	DATE
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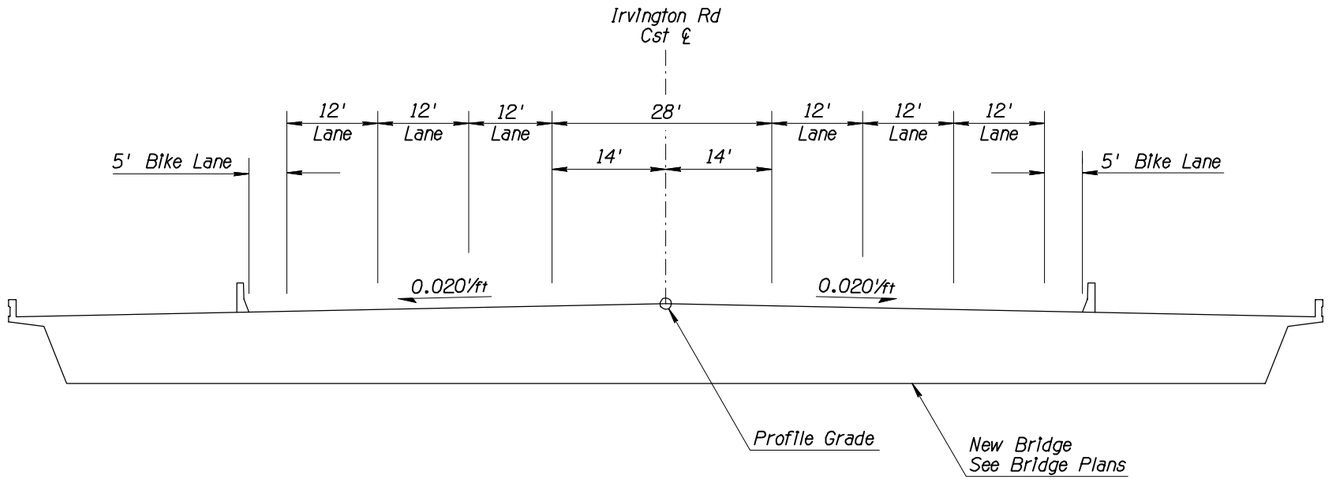
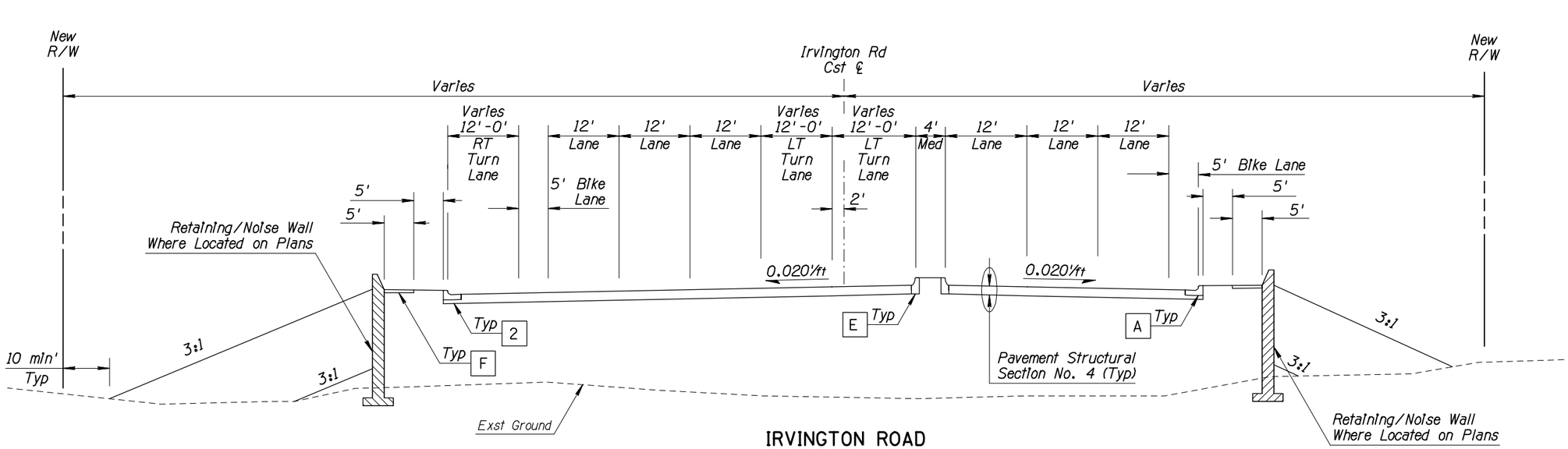


IRVINGTON ROAD ON BRIDGE

Sta 498+14 to Sta 502+16



IRVINGTON ROAD

Sta 502+16 to Sta 506+91

- A — *Concrete Curb & Gutter per ADOT Std C-05.10, Type D*
- E — *Concrete Single Curb per ADOT Std C-05.10, Type A*
- F — *Concrete Sidewalk per ADOT Std C-05.20*
- 2 — *Shoulder Treatment (Typ)*

Note: 5' Bike Lane is Applicable Outside of ADOT R/W

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1840 E. RIVER RD., SUITE 300
Tucson, Arizona 85718
T 520.289.8700 F 520.289.8777
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

TYPICAL SECTIONS
IRVINGTON ROAD

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

SHEET G-2.12 OF G-2.14

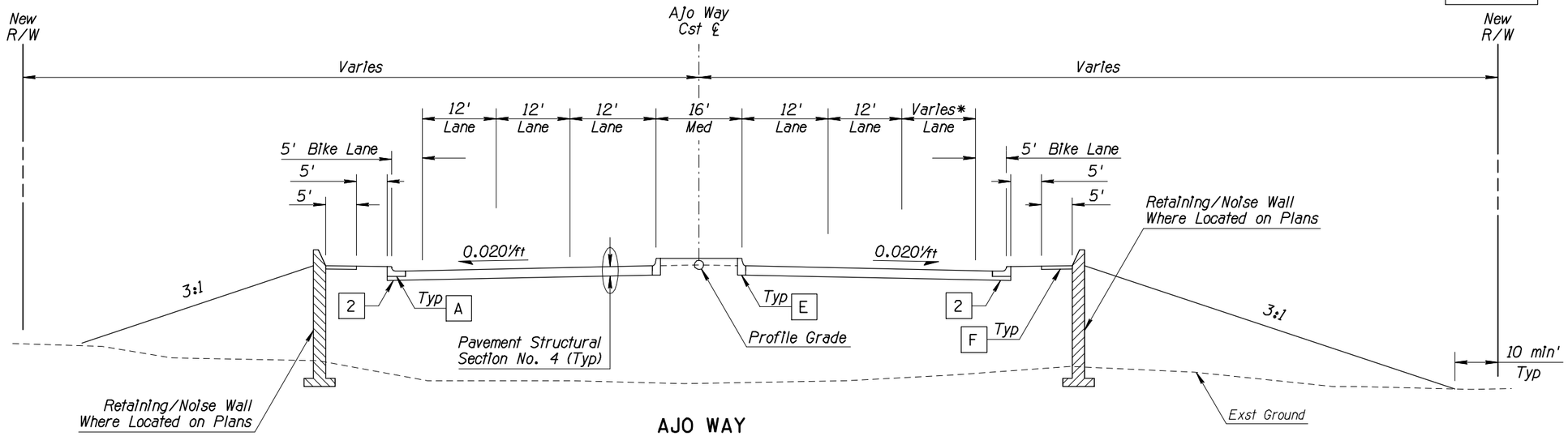
TRACS NO. H 5105 01L | 019-PM-057 | *21 OF 193*

1/16/2012 t:\6310 i-19 stage 11\prod\gen\Typ\h5105typ12.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	22	193	

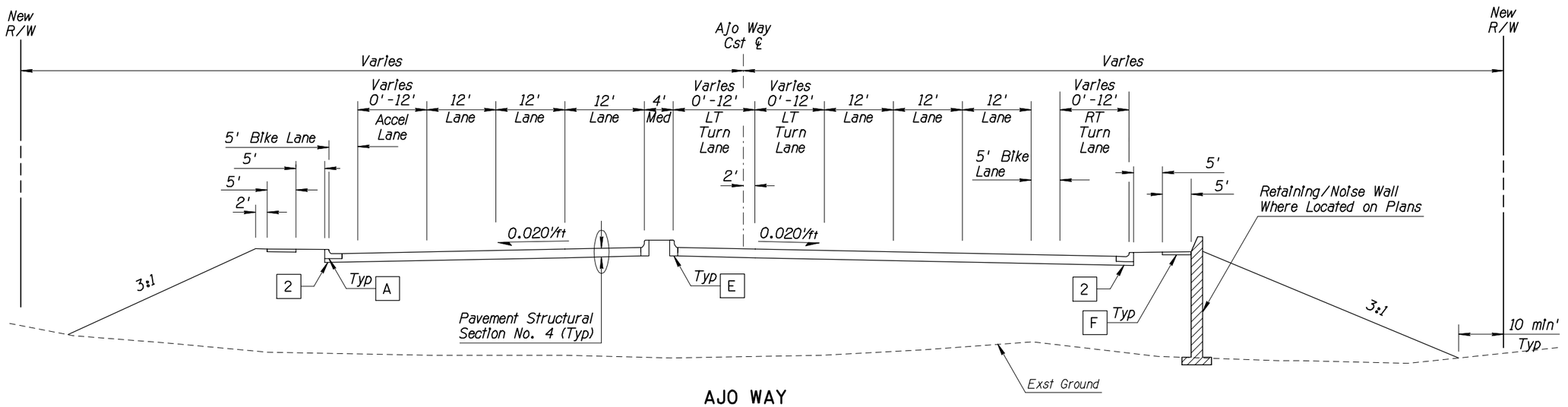
019-PM-057



AJO WAY

Sta 474+00.00 to Sta 491+98
Sta 507+77 to Sta 512+61.72

* 0' - Sta 474+00 to Sta 482+80
12' - Sta 482+80 to Sta 491+98



AJO WAY

Sta 491+98 to Sta 498+14

A — Concrete Curb & Gutter per ADOT Std C-05.10, Type D

E — Concrete Single Curb per ADOT Std C-05.10, Type A

F — Concrete Sidewalk per ADOT Std C-05.20

2 — Shoulder Treatment (Typ)

Note: 5' Bike Lane is Applicable Outside of ADOT R/W

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

TYPICAL SECTIONS
AJO WAY

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

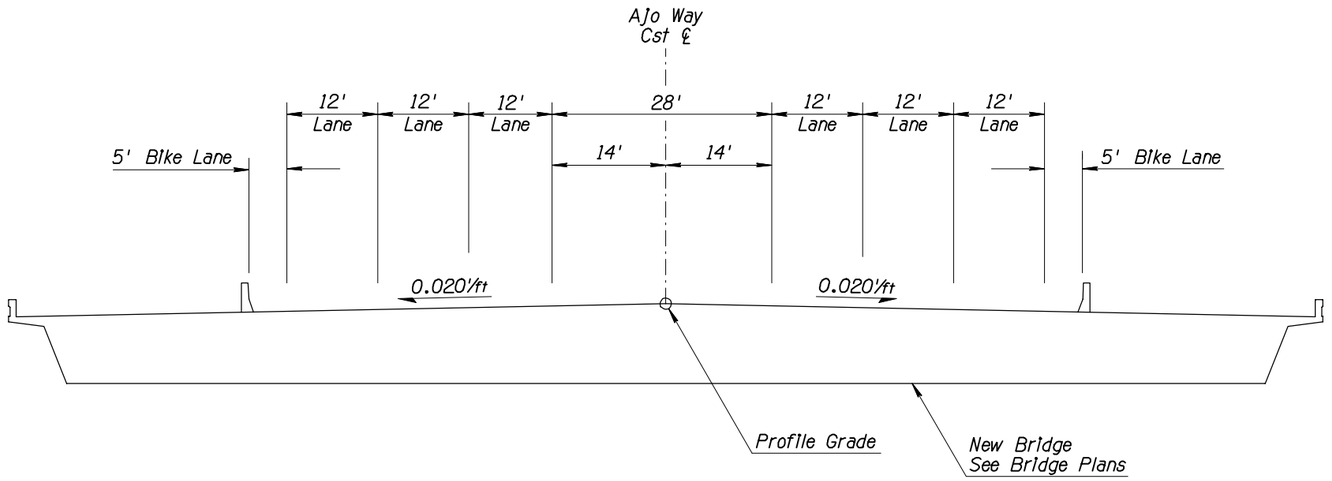
SHEET G-2.13 OF G-2.14

TRACS NO. H 5105 01L		019-PM-057	22 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\gen\typ\h5105typ13.dgn

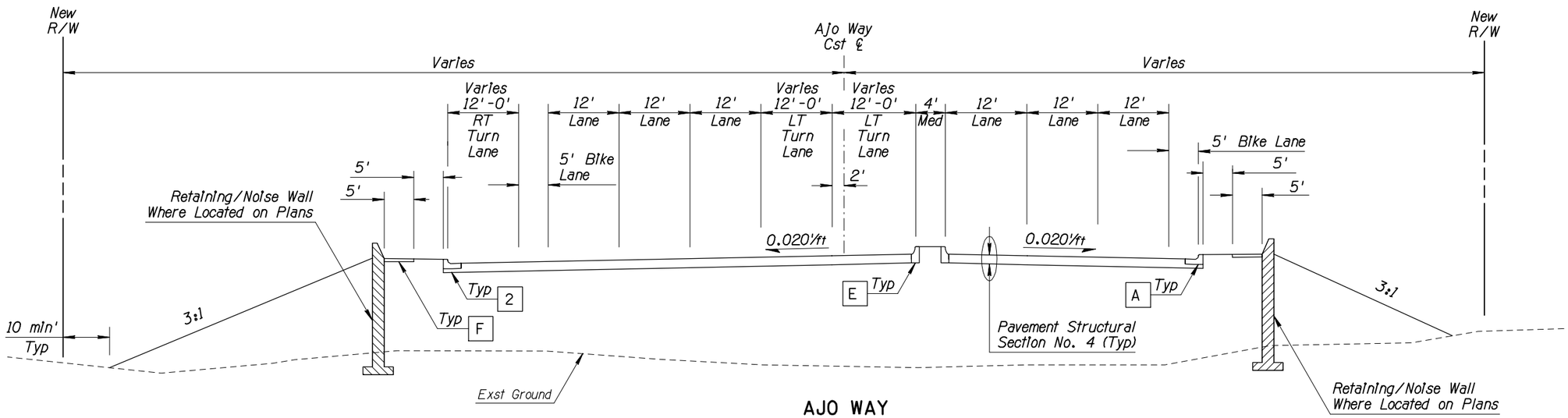
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	23	193	
		019-PM-057			



AJO WAY ON BRIDGE

Sta 498+14 to Sta 501+89



AJO WAY

Sta 501+89 to Sta 507+77

- A — *Concrete Curb & Gutter per ADOT Std C-05.10, Type D*
- E — *Concrete Single Curb per ADOT Std C-05.10, Type A*
- F — *Concrete Sidewalk per ADOT Std C-05.20*
- 2 — *Shoulder Treatment (Typ)*

Note: 5' Bike Lane is Applicable Outside of ADOT R/W

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

TYPICAL SECTIONS
AJO WAY

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

SHEET G-2.14 OF G-2.14

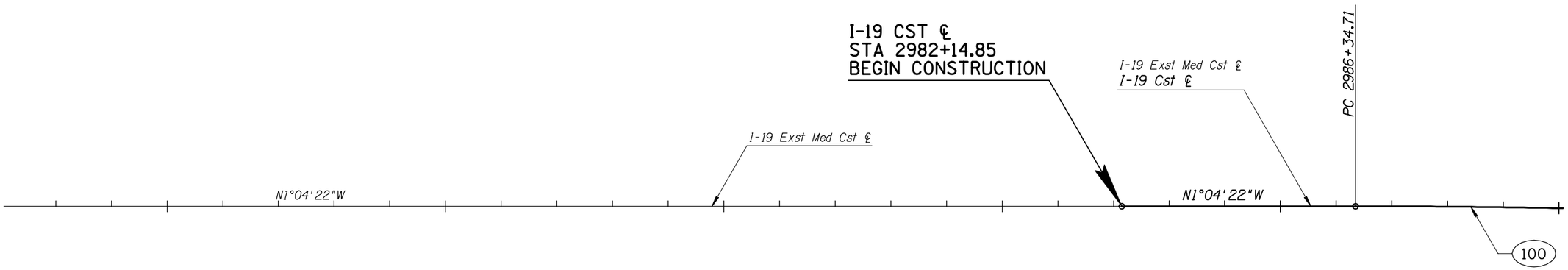
TRACS NO. H 5105 01L | 019-PM-057 | 23 OF 193

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage 11\prod\gen\typ\h5105typ14.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	24	193	
		019-PM-057			

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.2			
NO.1			



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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1900 E. RIVER RD, SUITE 300
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 2962+00 TO 2990+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

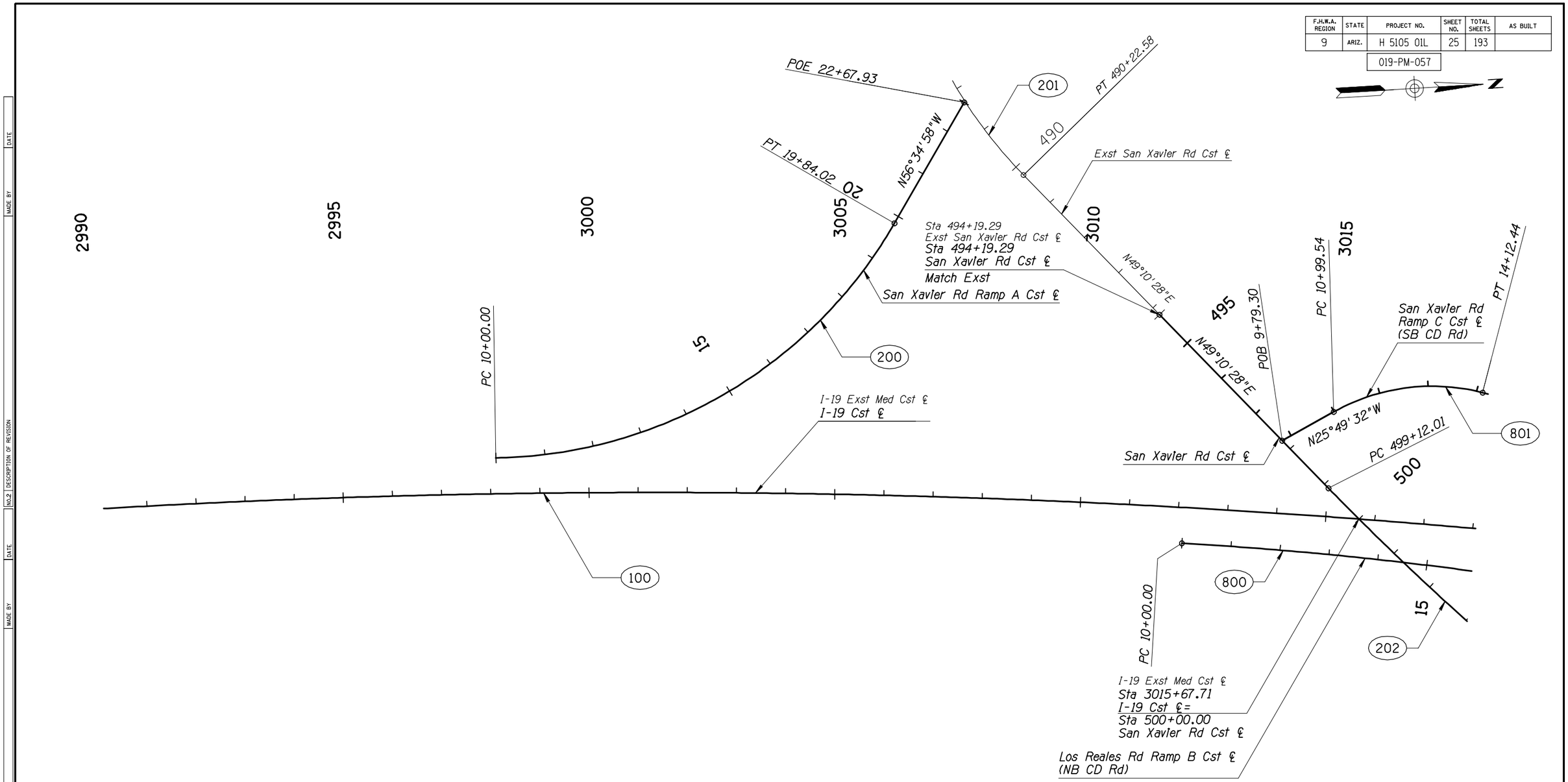
SHEET C-1.01 OF C-1.36

TRACS NO. H 5105 01L

24 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g01.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	25	193	
		019-PM-057			



NO.	DESCRIPTION OF REVISION	MADE BY	DATE

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
3883 E. RIVER RD., SUITE 300
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 2990+00 TO 3018+00

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

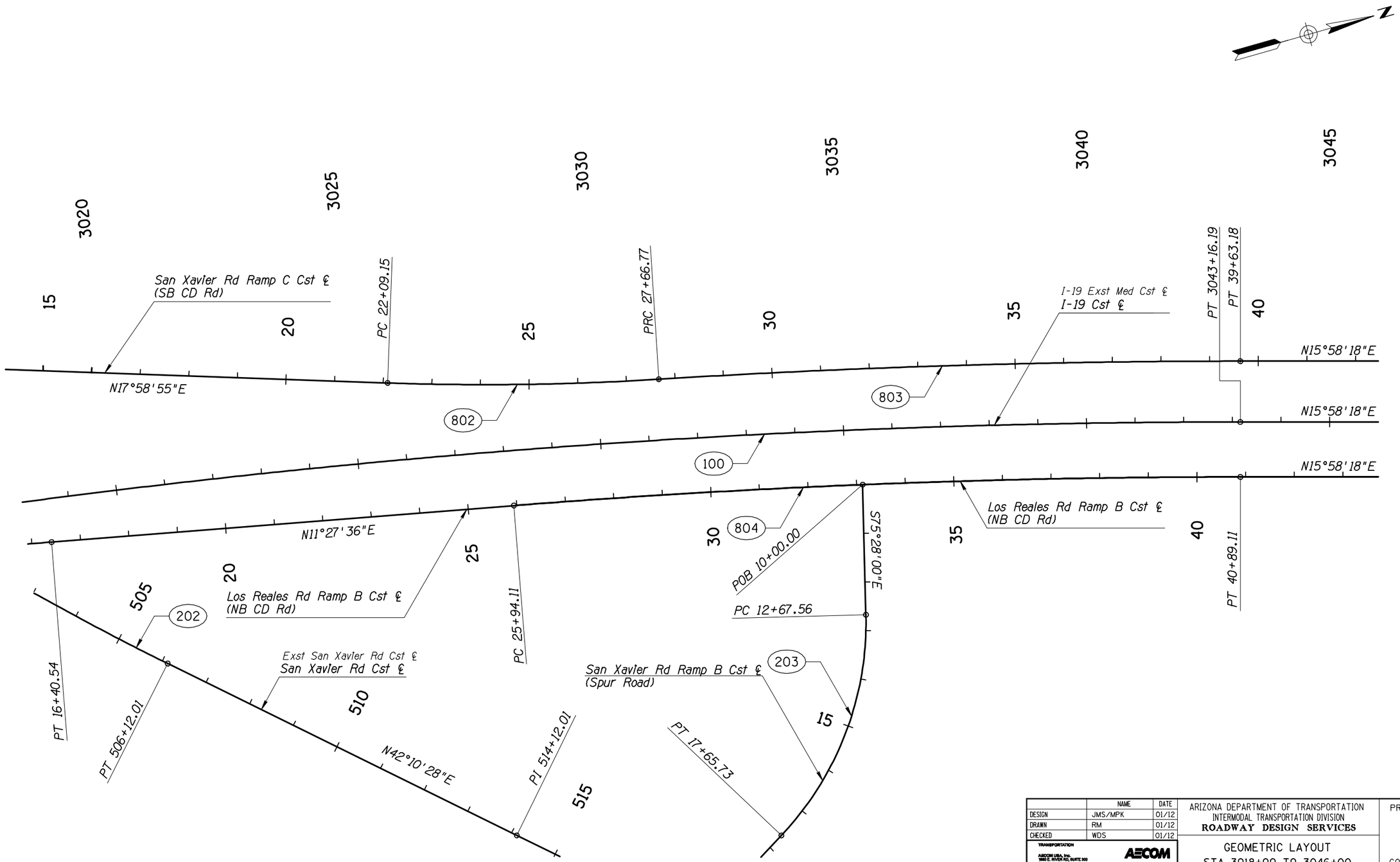
PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-1.02 OF C-1.36

25 OF 193

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	26	193	
		019-PM-057			

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.1			
NO.2			



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 3018+00 TO 3046+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEETC-1.030F C-1.36

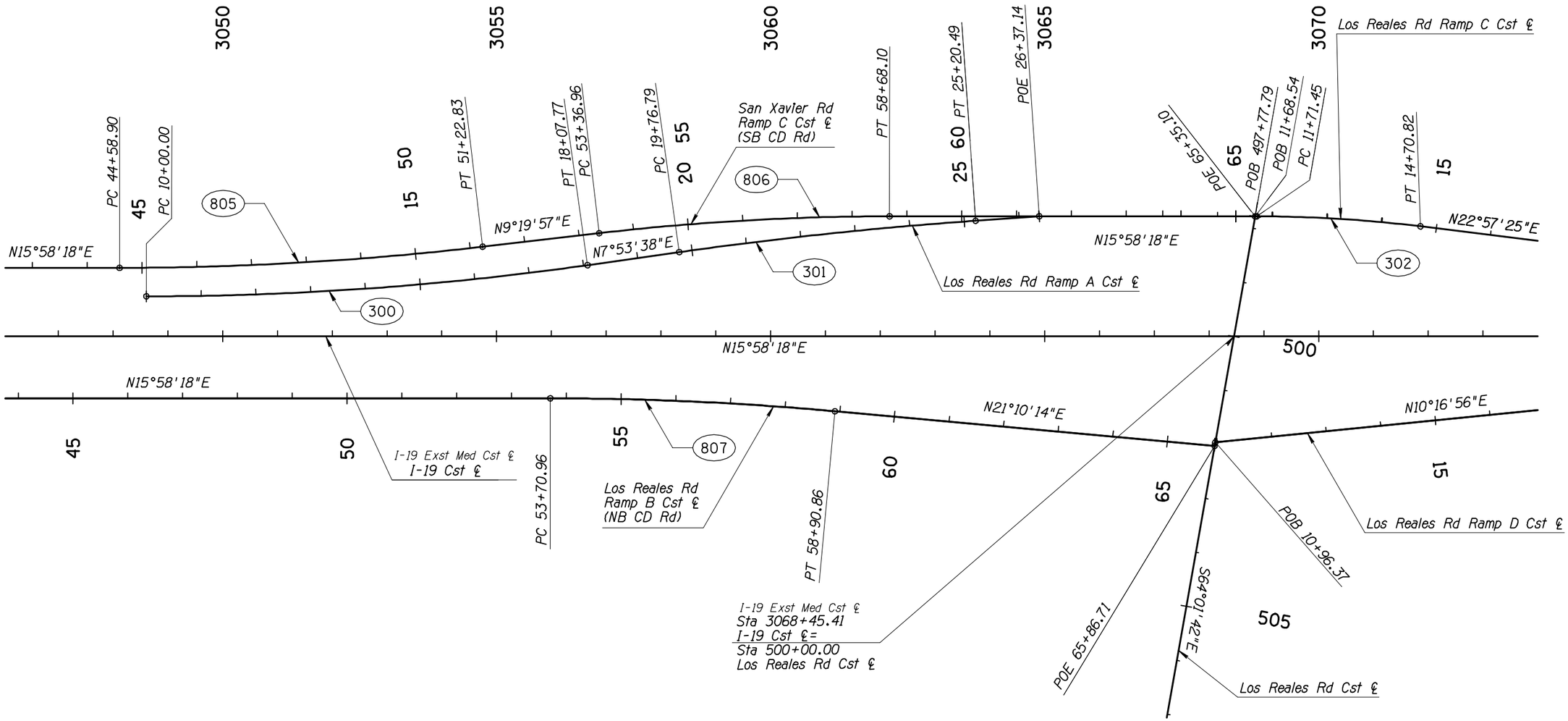
TRACS NO. H 5105 01L

26 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g03.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	27	193	
		019-PM-057			

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.1			
NO.2			



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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1900 E. RIVER RD, SUITE 300
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 3046+00 TO 3074+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

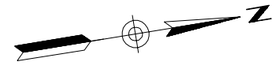
PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

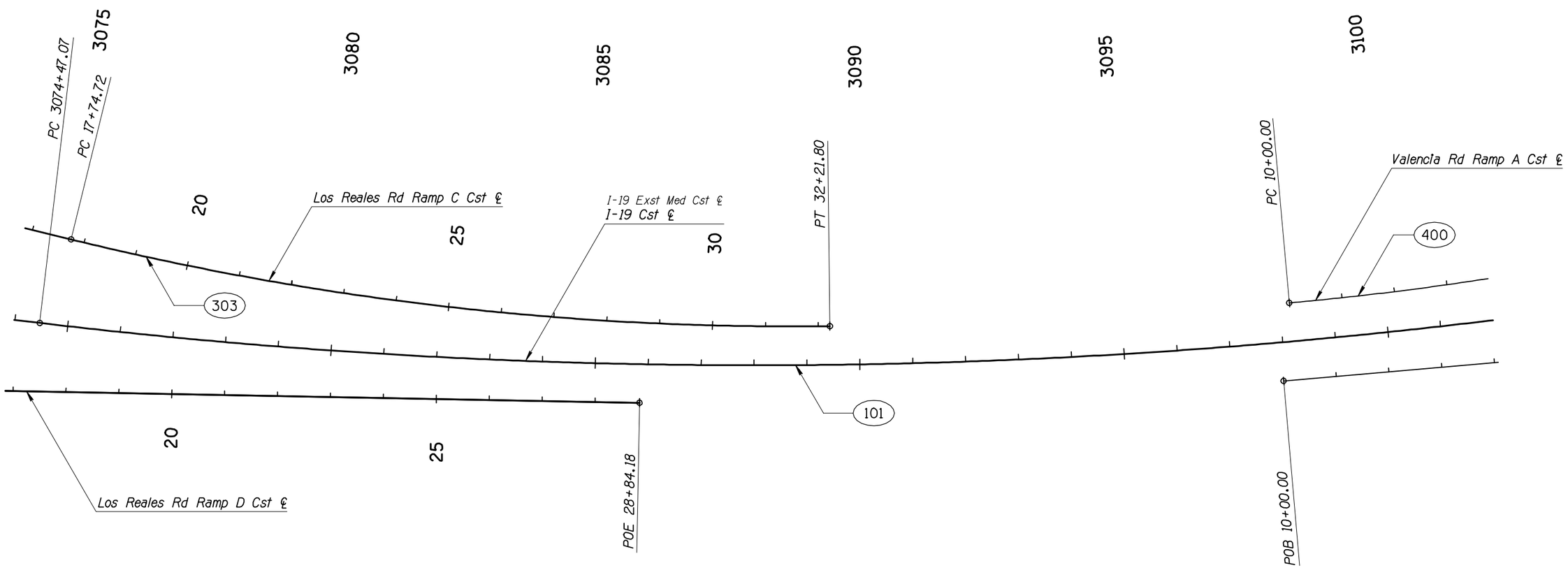
SHEET C-1.040F C-1.36

27 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g04.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	28	193	
		019-PM-057			





NO.	DESCRIPTION OF REVISION	MADE BY	DATE
1			
2			

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1660 E. RIVER RD, SUITE 300
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AECOM
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 3074+00 TO 3102+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

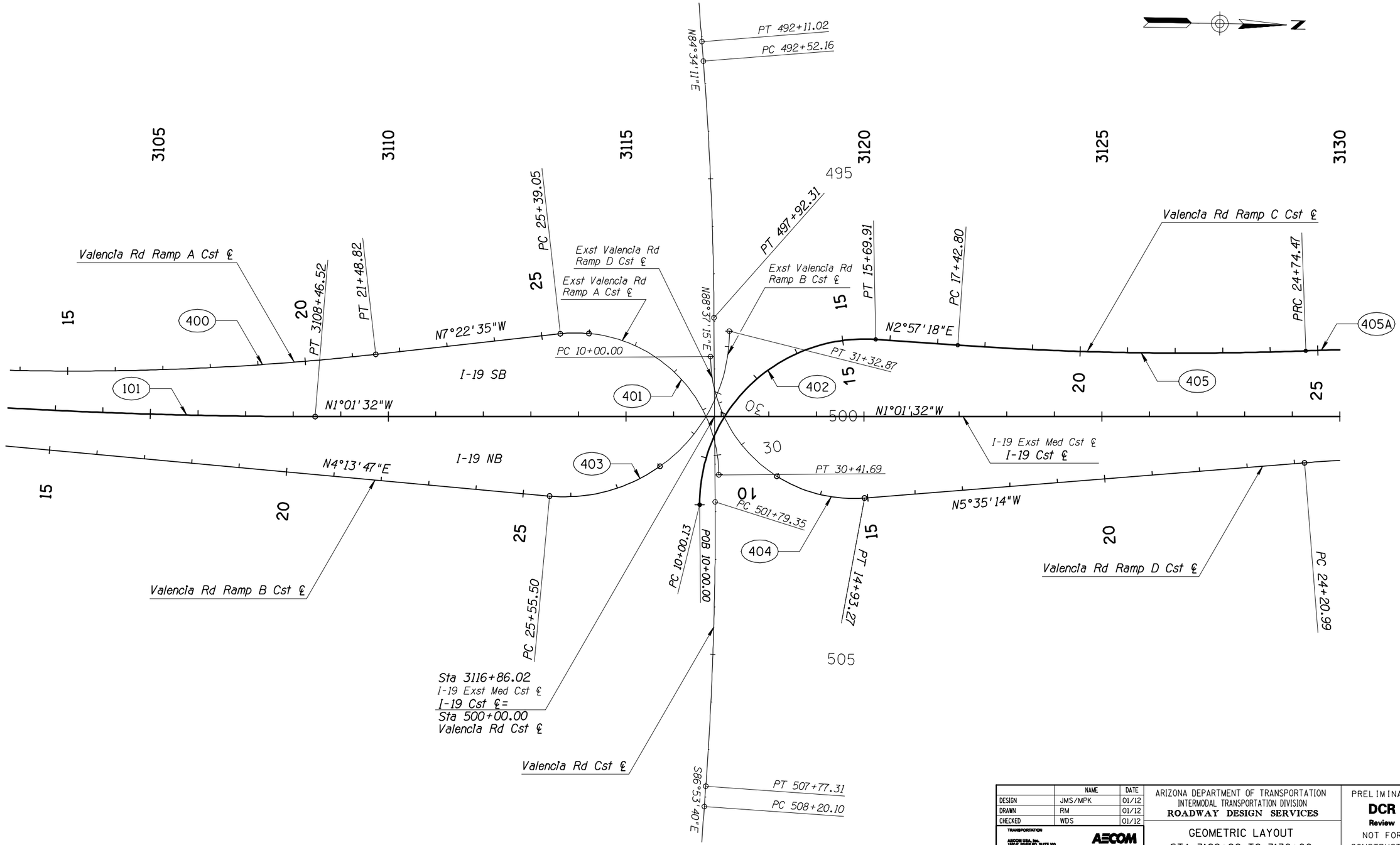
SHEET C-1.05 OF C-1.36

28 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g05.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	29	193	
		019-PM-057			

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.2			
NO.1			



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1380 E. RIVER RD, SUITE 300
Tucson, Arizona 85718
T 520.298.8700 F 520.298.8777
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 3102+00 TO 3130+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

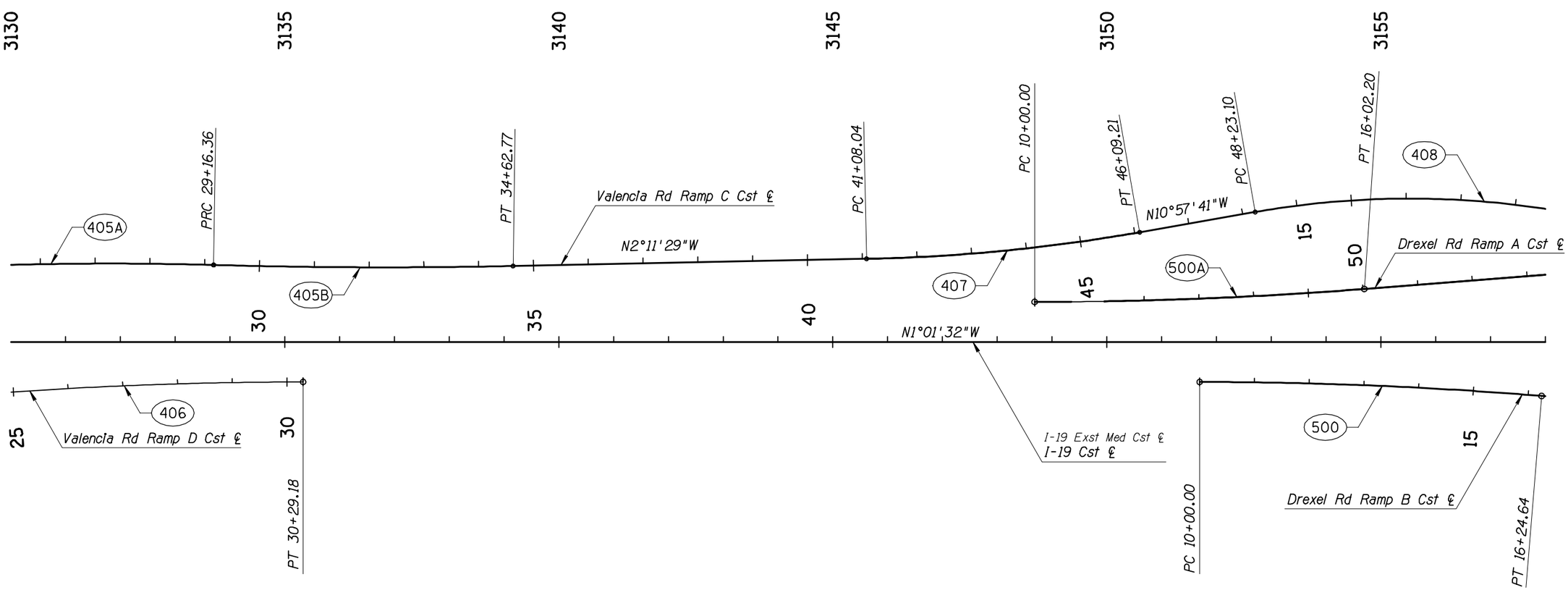
PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEETC-1.06OF C-1.36

29 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Geom\h5105g06.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	30	193	
		019-PM-057			



NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.2			
NO.1			

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1840 E. RIVER RD, SUITE 300
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 3130+00 TO 3158+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-1.07 OF C-1.36

30 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g07.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	31	193	
		019-PM-057			

N

NO. | DESCRIPTION OF REVISION | MADE BY | DATE

NO.1
NO.2

N85°52'28"E

PC 493+20.78

3160 3165 3170 3175 3180 3185

495

Valencia Rd Ramp C Cst ℄

Drexel Rd Ramp A Cst ℄

PT 53+84.46

55 25 20

N8°41'11"E

N5°32'31"W

POB & POE 28+40.74

POB 0+00.00

PC 61+55.67

Drexel Rd Ramp A2 Cst ℄

Drexel Rd Ramp A1 Cst ℄

POE 2+76.21

1000

N5°32'31"W

POE 2+83.78

Drexel Rd Ramp C2 Cst ℄

Drexel Rd Ramp C1 Cst ℄

PT 31+02.21

S4°40'37"W

1005

POB 0+00.00

POE & POB 15+70.86

1003

Drexel Rd Ramp C Cst ℄

20 25

I-19 Exst Med Cst ℄

I-19 Cst ℄

N4°40'37"E

PT 498+52.25

POB 10+00.00

PCC 13+06.54

POE 67+08.37

PC 3171+23.58

409

1006

PCC 31+53.32

N1°01'32"W

60

500

PCC 11+62.49

Drexel Rd Ramp B1 Cst ℄

PCC 27+98.35

65

1007

1004

1001

PT 33+52.97

Drexel Rd Ramp D1 Cst ℄

102

N3°20'55"W

1002

N3°39'33"E

20

POB 0+00.00

25

POB & POE 25+37.14

N3°39'33"E

PC 503+02.25

Drexel Rd Ramp B2 Cst ℄

N3°20'55"W

Drexel Rd Ramp D2 Cst ℄

POB 0+00.00

POE 2+78.11

15

POE & POB 14+84.08

POE 2+59.43

505

20

25

501

Drexel Rd Ramp D Cst ℄

PC 25+35.61

Drexel Rd Ramp B Cst ℄

POB 10+00.00

PRC 506+89.57

Sta 3169+78.68
I-19 Exst Med Cst ℄
I-19 Cst ℄=
Sta 500+00.00
Drexel Rd Cst ℄

Drexel Rd Cst ℄

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 3158+00 to 3186+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-1.08 OF C-1.36

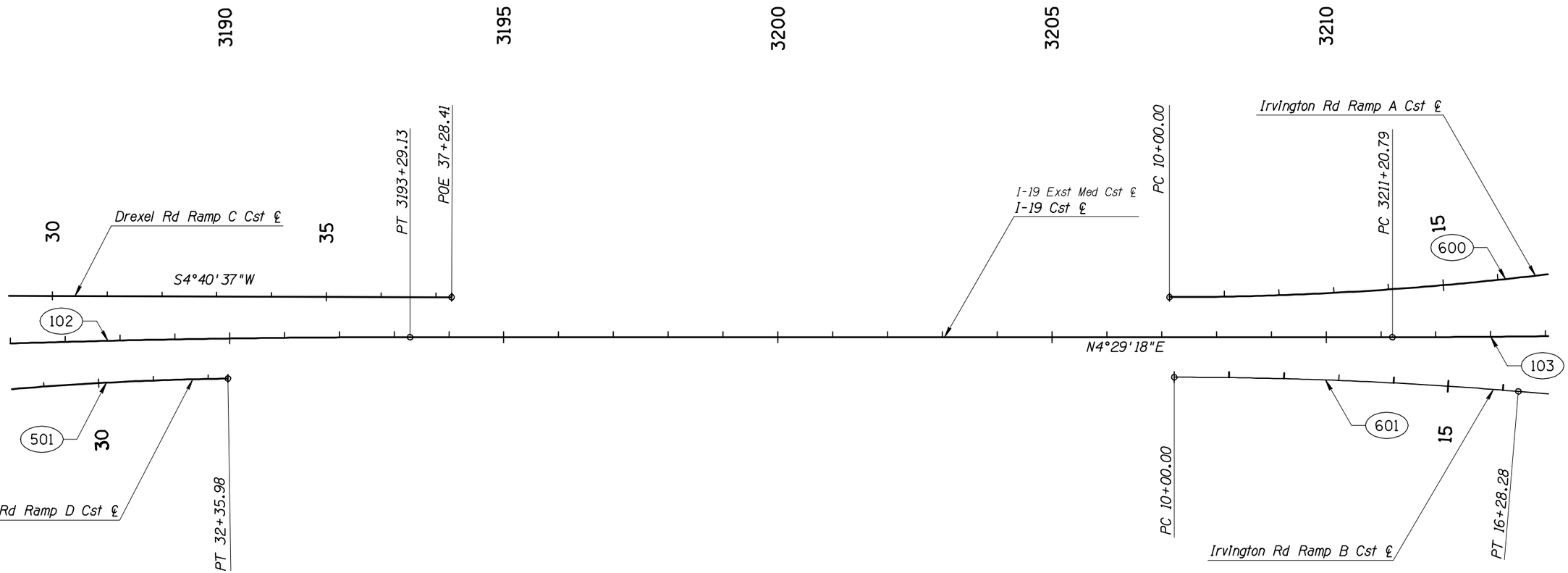
31 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Geom\h5105g08.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	32	193	

019-PM-057

N



NO.	DESCRIPTION OF REVISION	MADE BY	DATE
1			
2			

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION

AECOM USA, Inc.
3883 E. Irvington Rd, Suite 100
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 3186+00 TO 3214+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET C-1.090F C-1.36

TRACS NO. H 5105 01L

32 OF 193

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	33	193	
		019-PM-057			

N

NO.2 | DESCRIPTION OF REVISION | MADE BY | DATE

NO.1 | DESCRIPTION OF REVISION | MADE BY | DATE

3215 3220 3225 3230 3235 3240

N89°10'39"E

Irvington Rd Ramp A Cst ℄
20
PT 20+85.98
N6°22'17"W
600
POB 0+00.00
POB & POE 23+43.89
Irvington Rd Ramp A2 Cst ℄
Irvington Rd Ramp A1 Cst ℄
POE 2+93.34
1100
N6°22'17"W
PT 27+56.86
POB 0+00.00
Irvington Rd Ramp C1 Cst ℄
N3°01'59"E
1103
1105
PT 15+64.29
POB 10+00.00
10
PT 495+53.53
495
Irvington Rd Ramp C2 Cst ℄
POE 2+75.83
PT 3231+28.57
15
Irvington Rd Ramp C Cst ℄
20
PC 21+77.81
603
25
N3°1'59"E
PCC 26+33.34
1106
PCC 13+09.54
I-19 Exst Med Cst ℄
I-19 Cst ℄
103
PCC 24+64.18
500
NO°31'52"W
N9°12'02"E
20
Irvington Rd Ramp B Cst ℄
Irvington Rd Ramp B1 Cst ℄
1102
1101
PCC 12+45.33
PT 28+88.26
1107
1104
N9°57'31"E
Irvington Rd Ramp B2 Cst ℄
POE 23+58.78
POB 21+70.78
POB 0+00.00
POB 10+00.00
POE 3+05.78
PC 502+59.42
N9°25'11"W
POB 0+00.00
Irvington Rd Ramp D2 Cst ℄
POE 3+06.34
505
POB 15+49.71
POE 15+52.88
N8°38'51"W
Irvington Rd Ramp D1 Cst ℄
PC 18+99.45
20
602
25
Irvington Rd Ramp D Cst ℄
PT 29+81.62
S88°31'46"E
PT 503+74.07
Sta 3223+57.15
I-19 Exst Med Cst ℄
I-19 Cst ℄=
Sta 500+00.00
Irvington Rd Cst ℄
Irvington Rd Cst ℄
PC 509+07.51

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 3214+00 TO 3242+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

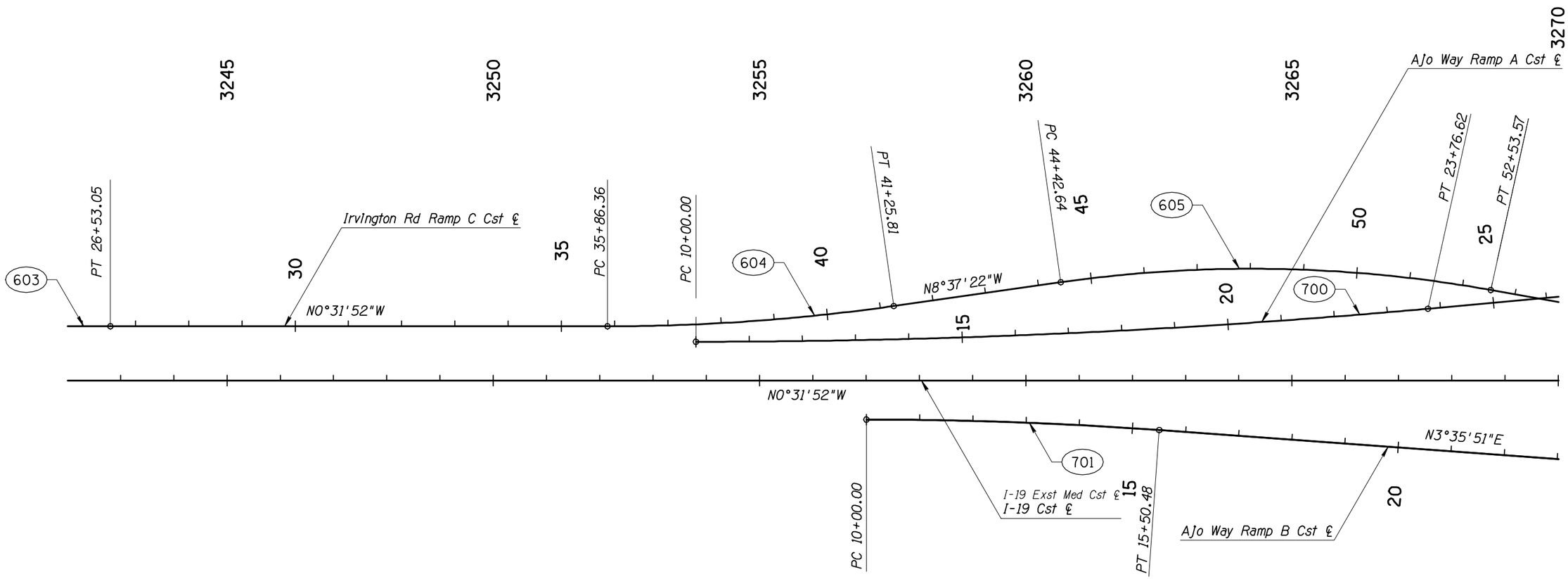
SHEET C-1.10 OF C-1.36

33 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Geom\h5105g10.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	34	193	
		019-PM-057			

N



NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.1			
NO.2			

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 3242+00 TO 3270+00

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-1.11 OF C-1.36

34 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g11.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	35	193	
		019-PM-057			

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.1			
NO.2			

N

3270 3275 3280 3285 3290 3295

495 500 505

55 60 20 25 30 35 10 15 20 25 30 15 20 25

PC 55+81.50
POB 25+34.15
POB 0+00.00
POE 29+64.05
Ajo Way Ramp A2 Cst ℄
Ajo Way Ramp A1 Cst ℄
POE 2+79.16
POB 0+00.00
Ajo Way Ramp C2 Cst ℄
POE 2+66.88
POE & POB 15+63.67
Ajo Way Ramp C1 Cst ℄
PC 3284+19.56
PC 3284+19.56
PC 21+18.57
Ajo Way Ramp A Cst ℄
606
1200
N5°41'36"W
PT 29+16.89
N0°35'48"E
Ajo Way Ramp C3 Cst ℄
N0°35'48"E
N5°41'36"W
POB 10+00.00
1203
1205
PT 61+74
1206
N9°37'23"E
I-19 Exst Med Cst ℄
I-19 Cst ℄
PCC 28+42.32
PCC 13+16.78
103A
105
704
SB I-19 Cst ℄
Irvington Rd Ramp C Cst ℄
N0°31'52"W
PCC 26+20.90
PCC 11+87.34
Ajo Way Ramp B1 Cst ℄
1202
1201
1207
PT 30+41.10
Ajo Way Ramp D1 Cst ℄
N5°30'55"W
702
808
104
1204
N4°36'35"E
N5°30'55"W
703
Ajo Way Ramp B Cst ℄
Ajo Way Ramp B2 Cst ℄
POB 0+00.00
NB I-19 Cst ℄
N22°18'54"E
POE 26+46.39
POB 23+54.93
POB 0+00.00
POB 10+00.00
POE 2+85.01
Ajo Way Ramp D2 Cst ℄
POE 2+68.75
PC 16+65.01
PC 10+00.00
PC 3284+19.56
PC 10+00.00
PT 16+24.46
Ajo Way Ramp D Cst ℄
Ramp 19N-10E Cst ℄
711
PC 22+00.72
PT 18+27.20
PT 29+90.33
PC 31+65.70
POE & POB 15+09.28
Sta 3276+16.13
I-19 Exst Med Cst ℄
I-19 Cst ℄=
Sta 500+00.00
Ajo Way Cst ℄
Ajo Way Cst ℄
N87°42'44"E
PC 508+97.86
Ajo Way Ramp D 19N-10E Cst ℄

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 3270+00 TO 3298+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-1.12 OF C-1.36

35 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Geom\h5105g12.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	36	193	
		019-PM-057			

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.1			
NO.2			

N

STA 3318+77.66
END I-19 SB PROJECT
MATCH EXST

Ajo Way Ramp C3 Cst ℄
Ajo Way Ramp C4 Cst ℄
I-19 SB Cst ℄
I-19 Exst Med Cst ℄
I-19 Cst ℄
I-19 NB Cst ℄
Ramp 10W-19S Cst ℄
Ramp 19N-10E Cst ℄
Ajo Way Ramp D Cst ℄

PCC 36+08.58
POB 10+00.00
POB 10+00.00
PC 13+05.15
PT 3306+82.16
PT 44+59.56
PT 18+11.70
PC 46+15.10
PC 24+97.64
PT 37+75.88
PC 25+94.54
PT 34+35.53
PC 22+78.16
PT 30+14.50
PT 27+07.47
PC 28+74.13
PT 3305+75.29
PT 3306+25.16
PT 44+44.84
POE 3308+25.16
PT 37+75.88
PC 46+63.63

N19°04'56"E
N35°30'59"E
N19°26'27"E
N27°2'20"E
N27°2'26"E
N18°1'19"E

704 704A 105 103A 104 705 706 711 707 709 710 809 810 708

STA 3319+21.00
END I-19 NB PROJECT
MATCH EXST

3300 3305 3310 3315 3320 3325

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 3298+00 TO 3327+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

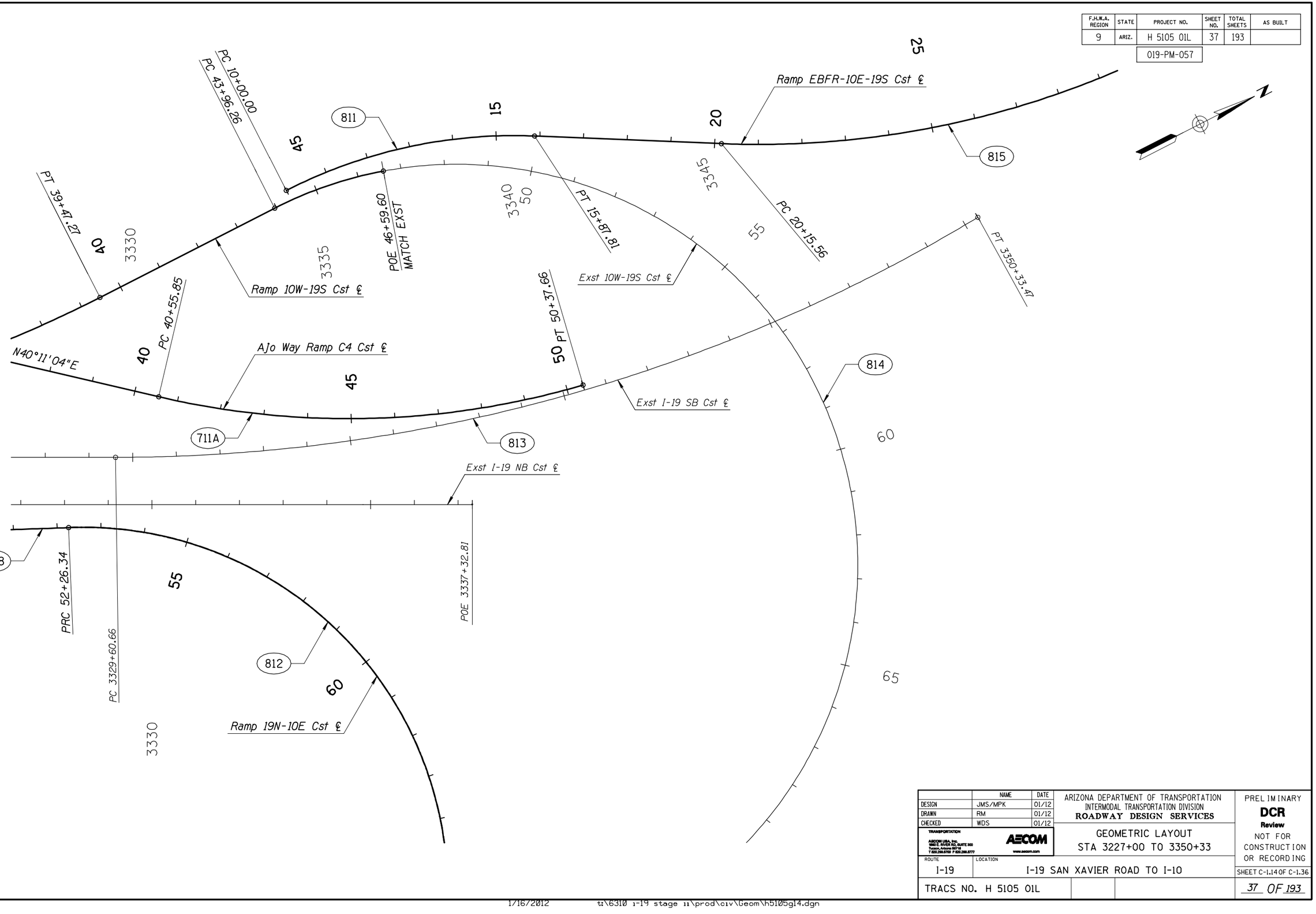
PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-1.13 OF C-1.36

36 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g13.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	37	193	
		019-PM-057			



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 3227+00 TO 3350+33

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
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Review
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SHEET C-1.14 OF C-1.36

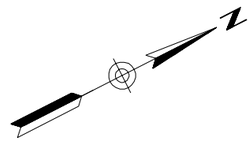
37 OF 193

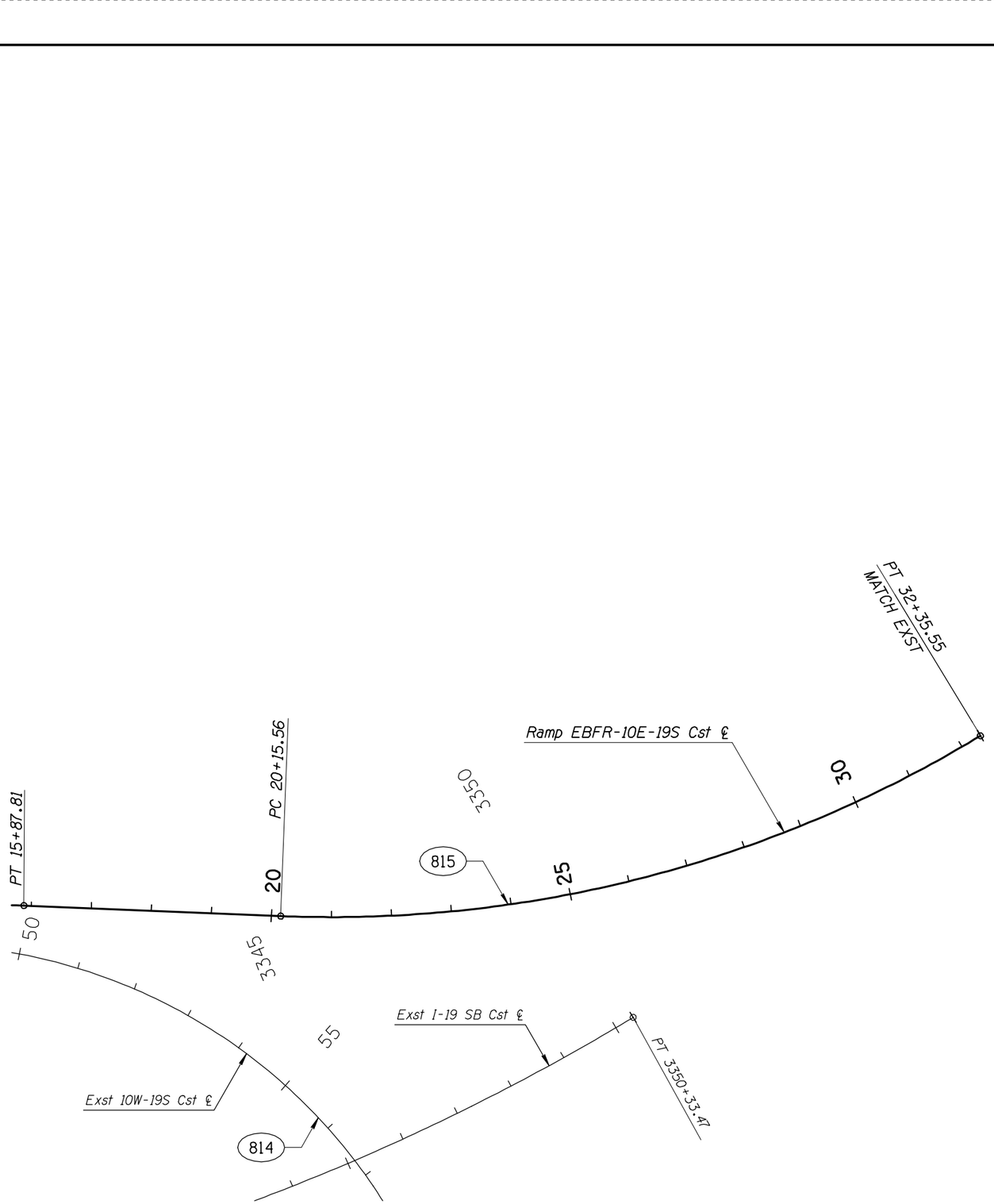
NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.1			
NO.2			

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Geom\h5105g14.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	38	193	

019-PM-057





	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 15+80 TO 32+35

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-1.15 OF C-1.36

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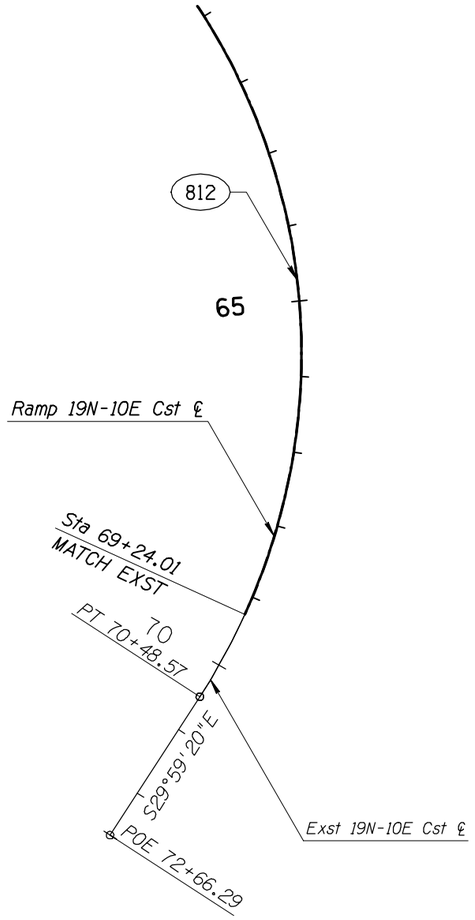
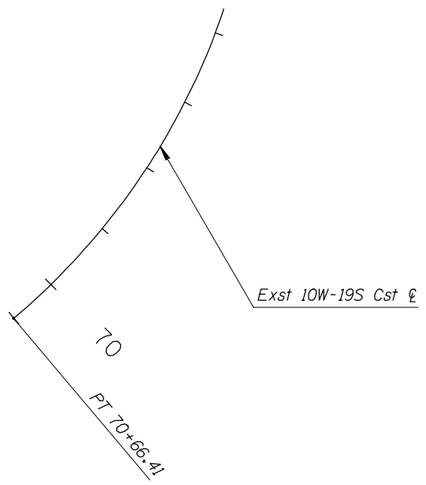
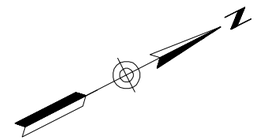
NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.1			
NO.2			

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g15.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	39	193	
		019-PM-057			







NO.	DESCRIPTION OF REVISION	MADE BY	DATE
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	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 64+37 TO 72+65.82

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-1.16 OF C-1.36

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1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g16.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	40	193	
		019-PM-057			

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.2			
NO.1			

POB 485+60.77
PC 486+10.77
N73°52'58"E
201
PT 490+22.58
490
3010
N49°10'28"E
Exst San Xavier Rd Cst ℄
Sta 494+19.29
Exst San Xavier Rd Cst ℄
Sta 494+19.29
San Xavier Rd Cst ℄
Match Exst
495
POB 9+79.30
3015
PC 10+99.54
801
N25°49'32"W
PC 499+12.01
500
San Xavier Ramp C Cst ℄
PT 14+12.45
3020
15
N17°58'55"E
802
PC 22+09.15
20
100
N11°27'36"E
804
PC 25+94.11
25
Los Reales Rd
Ramp B Cst ℄
I-19 Exst Med Cst ℄
I-19 Cst ℄
20
505
202
510
San Xavier Rd Cst ℄
N42°10'28"E
15
PT 16+40.54
PT 506+12.01
800
PC 10+00.00
POE 22+67.93
N56°34'58"W
San Xavier Rd Ramp A Cst ℄
20
PT 19+84.02
200

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 485+60.77 TO 513+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-1.17 OF C-1.36

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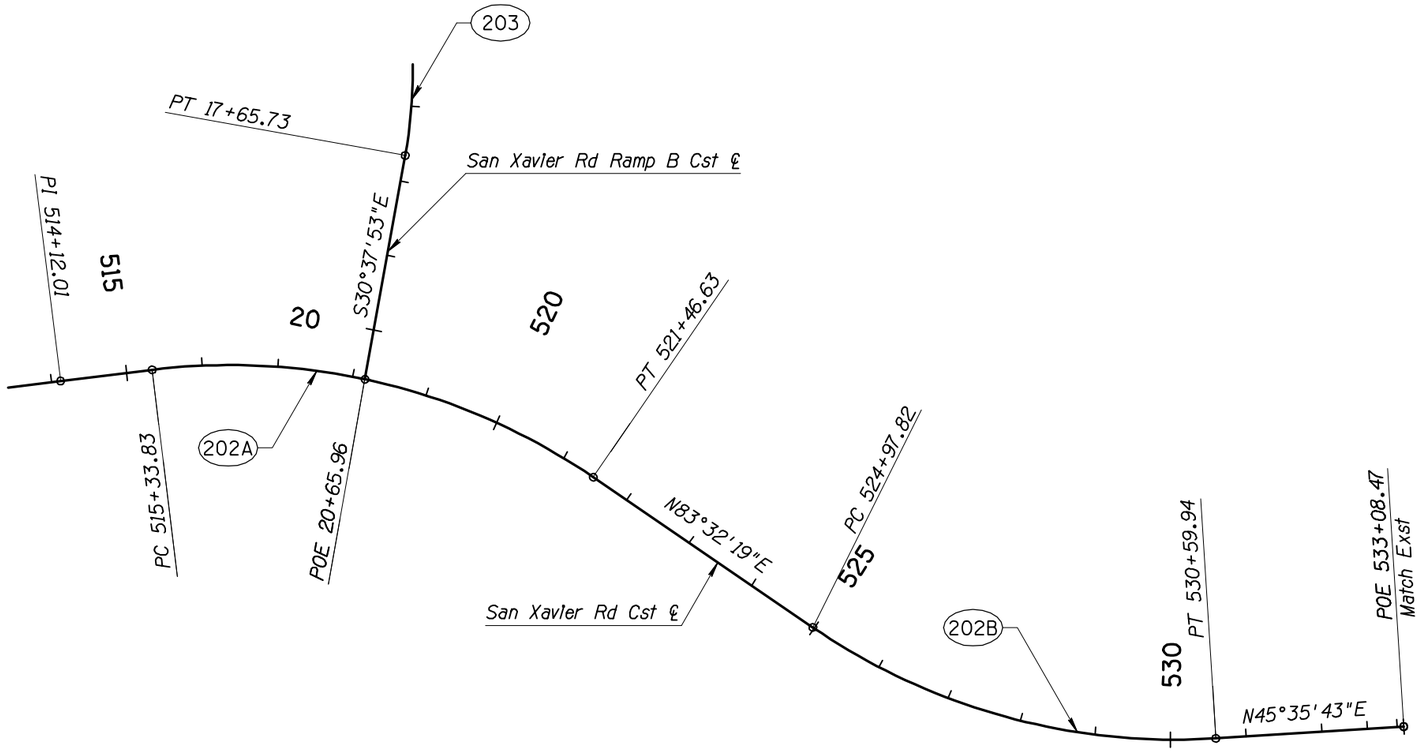
1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g17.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	41	193	
		019-PM-057			

NO.	DESCRIPTION OF REVISION	DATE	MADE BY
NO.1			
NO.2			



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 513+00 TO 533+08.47

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET C-1.18 OF C-1.36

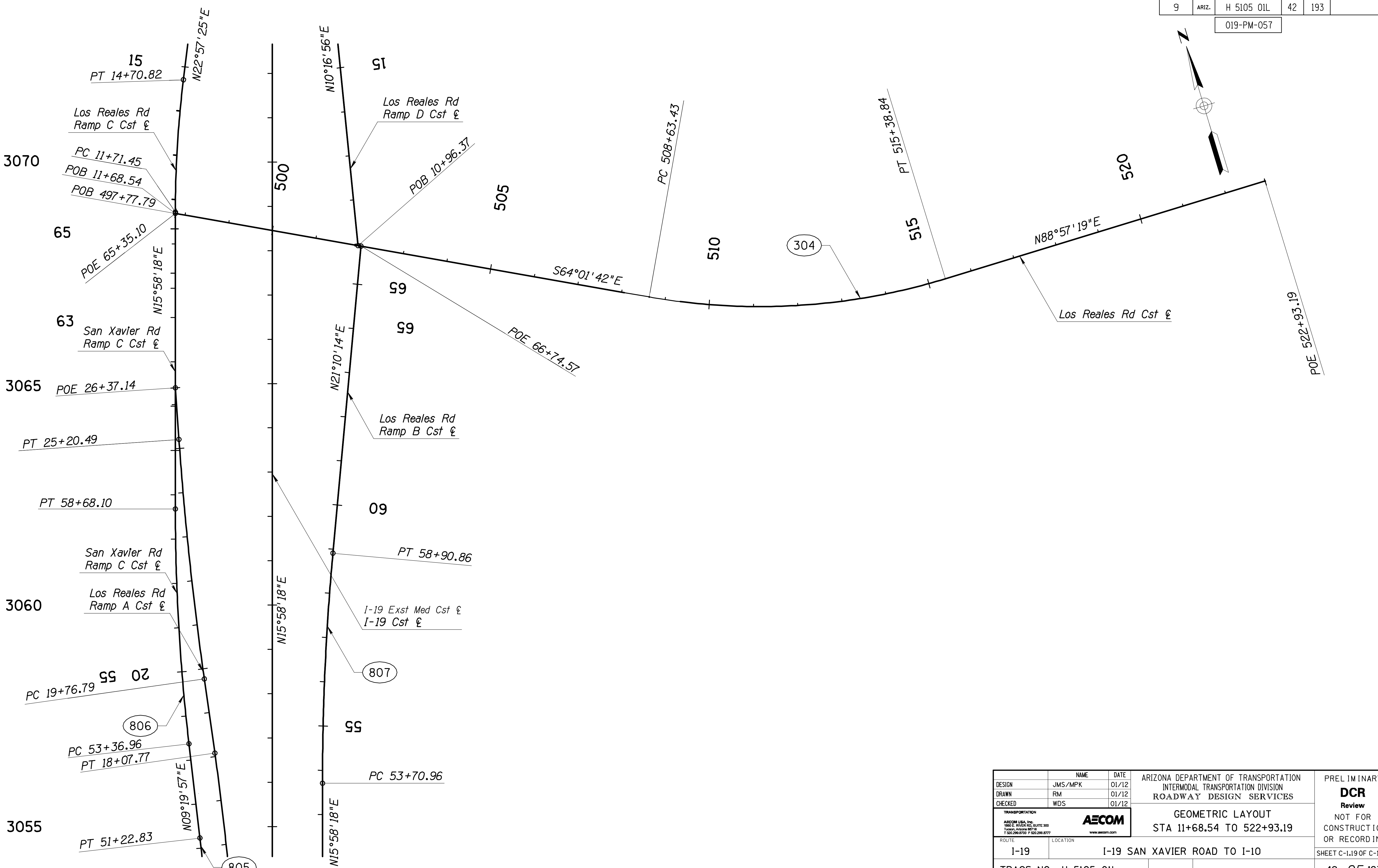
TRACS NO. H 5105 01L

41 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g18.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	42	193	

019-PM-057



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 11+68.54 TO 522+93.19

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10
SHEET C-1.19 OF C-1.36

TRACS NO. H 5105 01L

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g19.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
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		019-PM-057			

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
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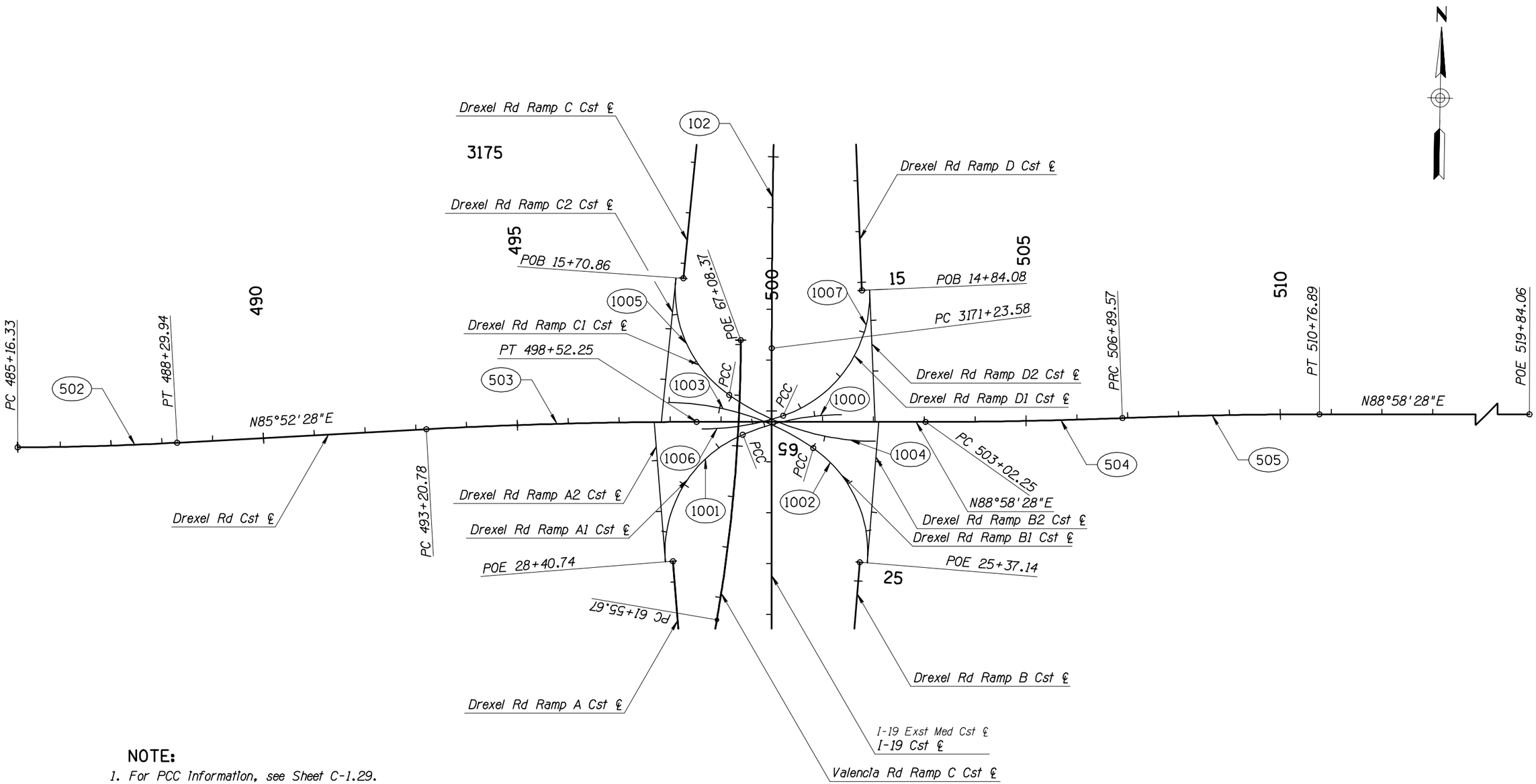
NO.2			



NOTE:

1. For PCC Information, see Sheet C-1.29.

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 485+16.33 TO 519+83.87

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-1.20 OF C-1.36

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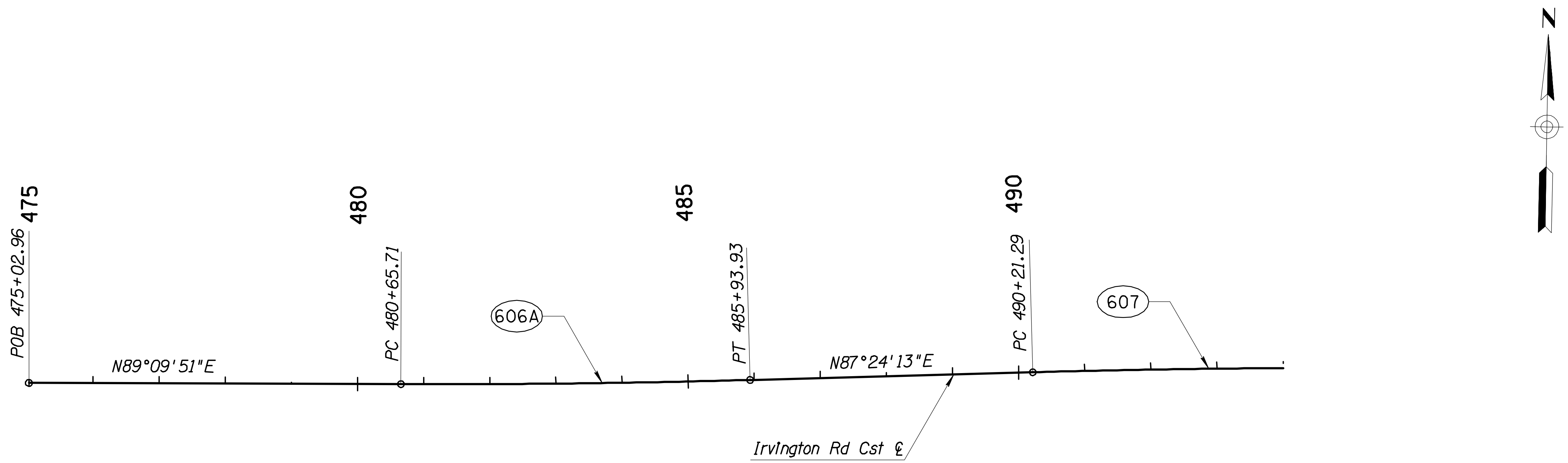
1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g20.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	44	193	

019-PM-057



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 475+02.96 TO 494+00

ROUTE I-19
LOCATION I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

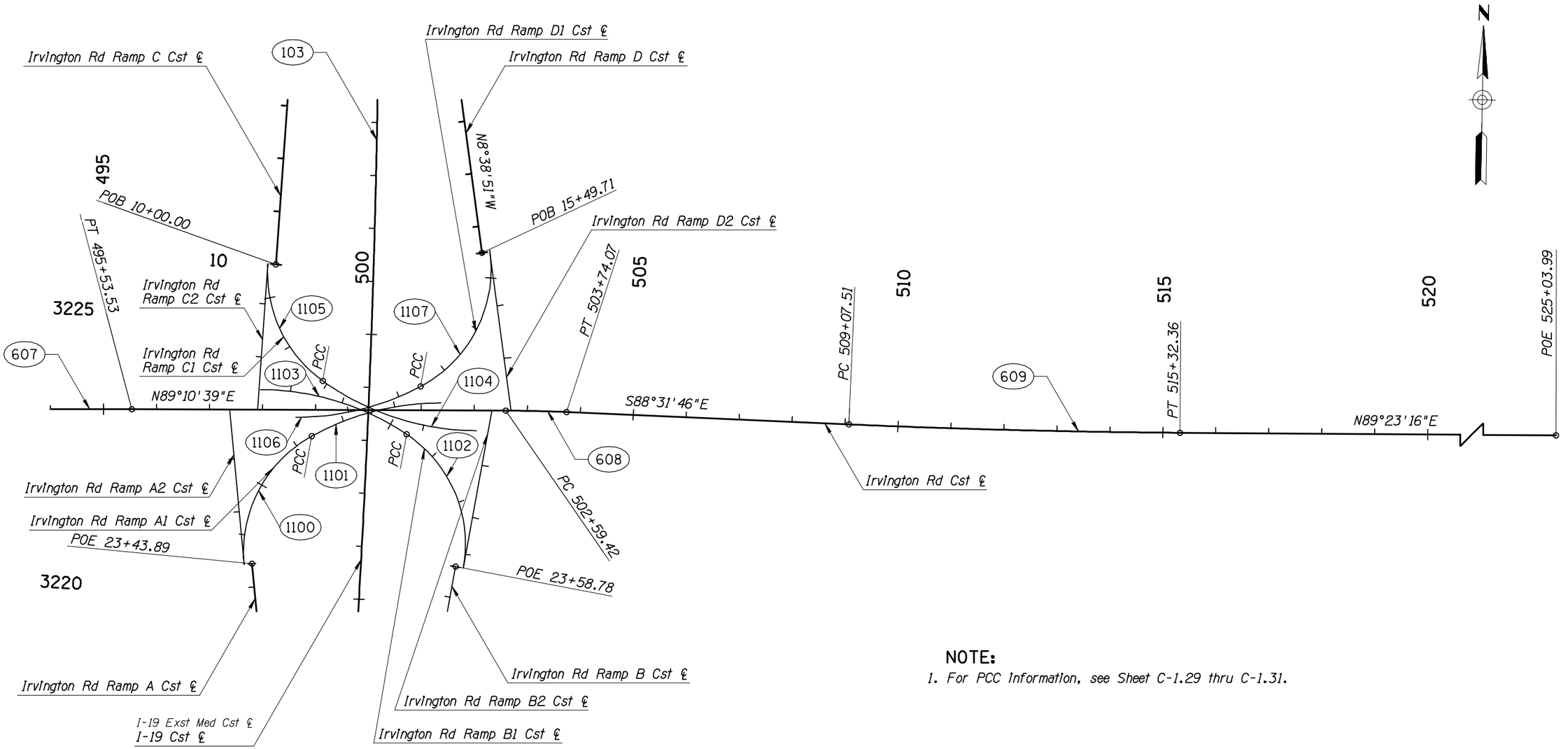
SHEET C-1.21 OF C-1.36

44 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g21.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	45	193	
		019-PM-057			

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.2			
NO.1			



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 494+00 TO 525+03.99

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

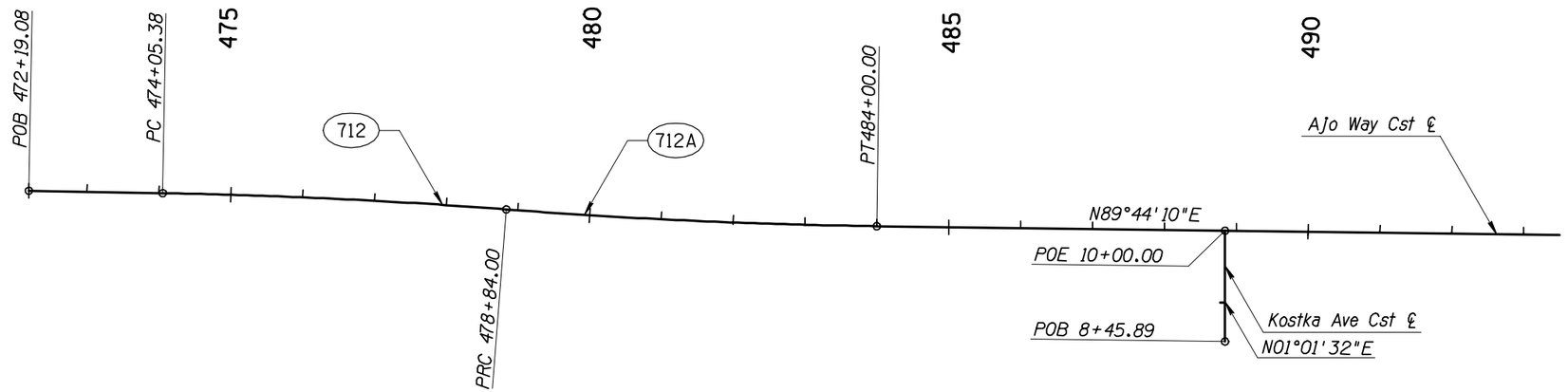
ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET C-1.22 OF C-1.36

TRACS NO. H 5105 01L

45 OF 193

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	46	193	
		019-PM-057			



NO.	DESCRIPTION OF REVISION	MADE BY	DATE
1			
2			

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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1990 E. RIVER RD, SUITE 300
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 472+19.08 TO 493+50

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET C-1.23 OF C-1.36

TRACS NO. H 5105 01L

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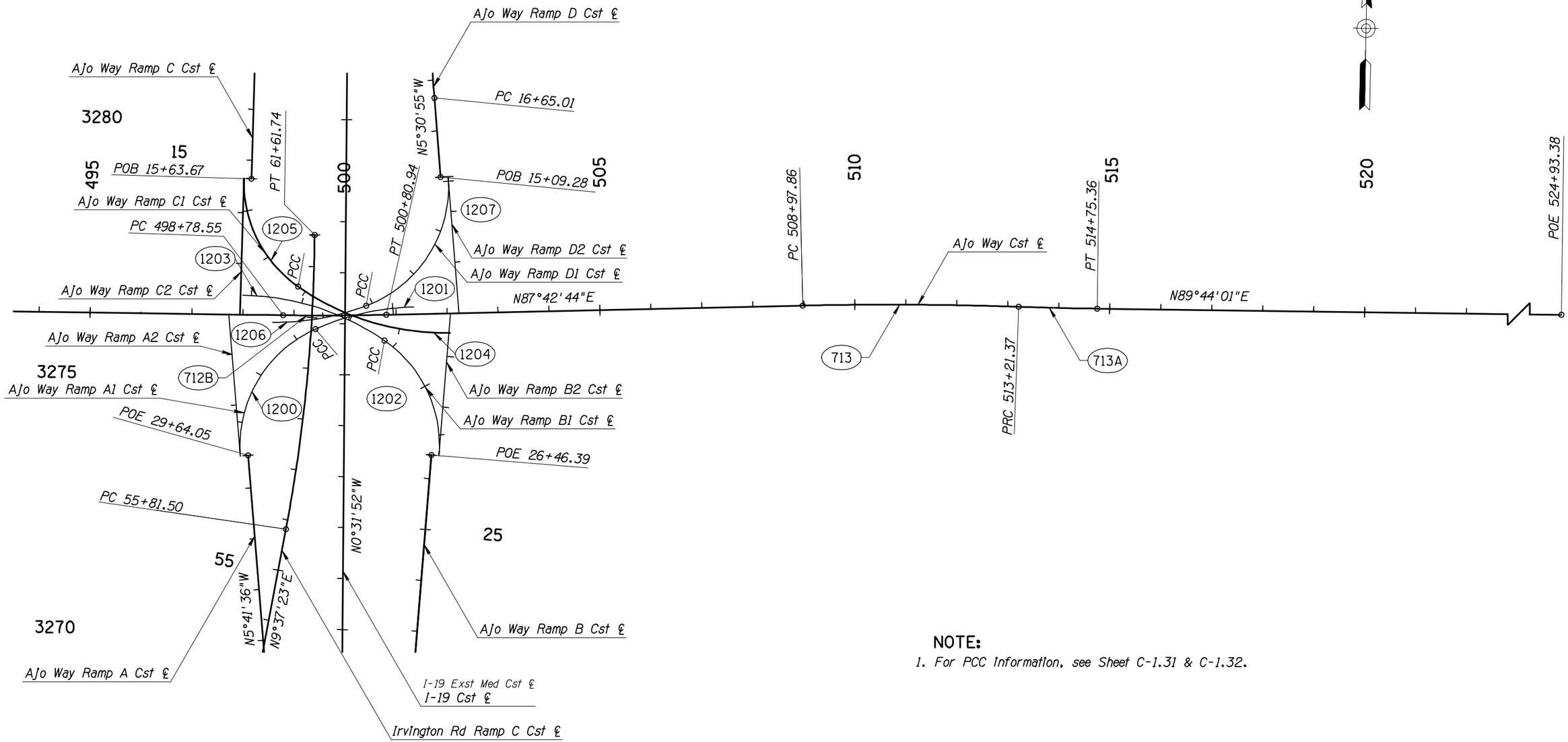
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	47	193	
		019-PM-057			

NO.	DESCRIPTION OF REVISION	DATE	MADE BY
NO.1			
NO.2			



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NOTE:

1. *For PCC information, see Sheet C-1.31 & C-1.32.*

	NAME	DATE
DESIGN	JMS/MPK	01/12
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC LAYOUT
STA 493+50 TO 524+93.38

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
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SHEET C-1.24 OF C-1.36

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1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g24.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	48	193	

019-PM-057

GEOMETRIC DATA TABLE

Roadway	Curve No.	Point Description	Station	Bearing	Distance	Northing	Easting	Curve Data					Superelevation Data	
								Curvature	Radius	Delta	Length	Tangent	Superelevation	Runoff
I-19		POB	2899+99.98	N 01°04'22" W	8634.73'	392318.479	986183.079							
	100	PC	2986+34.71			400951.696	986021.416							
		PI	3014+96.59			403813.071	985967.834	0°18'00"	19098.59'	17°02'40" Rt	5681.48'	2861.88'	NC	N/A
		PT	3043+16.19			406564.474	986755.314							
				N 15°58'18" E	3130.88'									
	101	PC	3074+47.07			409574.495	987616.813							
		PI	3091+59.37			411220.695	988087.972	0°30'00"	11459.16'	16°59'50" Lt	3399.44'	1712.30'	NC	N/A
		PT	3108+46.52			412932.719	988057.325							
				N 01°01'32" W	6277.06'									
	102	PC	3171+23.58			419208.774	987944.975							
		PI	3182+27.21			420312.227	987925.222	0°15'00"	22918.31'	05°30'50" Rt	2205.56'	1103.63'	NC	N/A
		PT	3193+29.13			421412.472	988011.588							
				N 04°29'18" E	1791.66'									
	103	PC	3211+20.79			423198.640	988151.796							
		PI	3221+25.33			424200.091	988230.407	0°15'00"	22918.31'	05°01'10" Lt	2007.78'	1004.53'	NC	N/A
		PT	3231+28.57			425204.579	988221.095							
				N 00°31'52" W	5290.98'									
	103A	PC	3284+19.56			430495.336	988172.050							
		PI	3295+44.14			431619.871	988161.626	1°15'00"	4583.66'	27°34'12" Rt	2205.60'	1124.58'	0.035'/ft	**
		PT	3306+25.16			432621.535	988672.856							
				N 27°02'20" E	200.00'									
		POE	3308+25.16			432799.677	988763.776							
NB I-19	104	POB/PC	3284+19.56			430495.354	988209.050							
		PI	3295+17.91			431593.706	988208.767	1°15'18"	4565.27'	27°03'19" Rt	2155.73'	1098.35'	0.036'/ft	**
		PT	3305+75.29			432571.992	988708.099							
				N 27°02'26" E	3157.52'									
		POE	3337+32.81			435384.345	990143.567							
SB I-19	105	POB/PC	3284+19.56			430494.720	988135.055							
		PI	3295+73.94			431648.936	988115.614	1°14'16"	4628.74'	28°00'26" Rt	2262.60'	1154.38'	0.036'/ft	**
		PT	3306+82.16			432677.109	988640.448							
				N 27°02'32" E	2278.49'									
	813	PC	3329+60.66			434706.500	989676.355							
		PI	3340+23.27			435652.939	990159.467	1°30'00"	3819.72'	31°05'32" Lt	2072.81'	1062.61'	0.041'/ft	**
		PT/POE	3350+33.47			436712.897	990084.417							
San Xavier Rd Ramp A	200	POB/PC	10+00.00			402131.556	985962.711							
		PI	15+40.72			402671.783	985985.903	6°00'00"	954.93'	59°02'28" Lt	984.02'	540.72'	0.059'/ft	**
		PT	19+84.02			402969.577	985534.570							
				N 56°34'58" W	283.92'									
		POE	22+67.93			403125.939	985297.590							

** To be provided at 60% Plans.

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INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC DATA

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ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET C-1.250F C-1.36

TRACS NO. H 5105 01L

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NO.1 | DESCRIPTION OF REVISION | MADE BY | DATE | NO.2 | DESCRIPTION OF REVISION | MADE BY | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	49	193	

019-PM-057

GEOMETRIC DATA TABLE

Roadway	Curve No.	Point Description	Station	Bearing	Distance	Northing	Easting	Curve Data					Superelevation Data	
								Curvature	Radius	Delta	Length	Tangent	Superelevation	Runoff
San Xavier Rd Ramp B (Spur Road)		POB	10+00.00	S 75°28'00" E	267.56'	405782.543	986665.576							
	203	PC	12+67.56			405715.401	986924.574							
		PI	15+30.19			405649.497	987178.797	9°00'00"	636.62'	44°50'08" Rt	498.17'	262.63'	0.043'/ft	**
		PT	17+65.73			405423.516	987312.608							
				S 30°37'53" E	300.23'									
		POE	20+65.96			405165.180	987465.578							
San Xavier Rd Ramp C (SB CD Rd)		POB	9+79.30	N 25°49'32" W	120.24'	403730.581	986023.149							
	801	PC	10+99.54			403838.813	985970.768							
		PI	12+64.09			403986.929	985899.085	14°00'00"	409.26'	43°48'27" Rt	312.91'	164.55'	0.043'/ft	**
		PT	14+12.45			404143.442	985949.884							
				N 17°58'55" E	796.71'									
	802	PC	22+09.15			404901.232	986195.841							
		PI	24+88.18			405166.631	986281.982	1°00'00"	5729.58'	05°34'34" Lt	557.62'	279.03'	NC	N/A
		PRC	27+66.77			405439.145	986341.927							
	803	PI	33+65.17			406023.571	986470.483	0°17'53"	19223.59'	03°33'57" Rt	1196.41'	598.40'	NC	N/A
		PT	39+63.18			406598.869	986635.139							
				N 15°58'18" E	495.72'									
	805	PC	44+58.90			407075.457	986771.544							
		PI	47+91.24			407394.963	986862.990	1°00'00"	5729.58'	06°38'21" Lt	663.93'	332.34'	NC	N/A
		PT	51+22.83			407722.900	986916.882							
				N 09°19'57" E	214.13'									
	806	PC	53+36.96			407934.195	986951.605							
		PI	56+02.83			408196.544	986994.719	1°15'00"	4583.66'	06°38'21" Rt	531.14'	265.87'	0.024'/ft	**
		PT	58+68.10			408452.149	987067.876							
				N 15°58'18" E	667.01'									
		POE	65+35.11			409093.410	987251.411							
Los Reales Rd Ramp A	300	POB/PC	10+00.00			407108.280	986835.026							
		PI	14+04.56			407497.221	986946.345	1°00'00"	5729.58'	08°04'40" Lt	807.77'	404.56'	0.023'/ft	**
		PT	18+07.77			407897.945	987001.906							
				N 07°53'38" E	169.02'									
	301	PC	19+76.79			408065.359	987025.119							
		PI	22+48.75			408334.746	987062.470	0°45'00"	7639.44'	04°04'40" Rt	543.70'	271.96'	NC	N/A
		PT	25+20.49			408600.796	987118.883							
				N 11°58'18" E	116.65'									
		POE	26+37.14			408714.904	987143.079							

** To be provided at 60% Plans.

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC DATA

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

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SHEET C-1.26 OF C-1.36

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NO.1 DESCRIPTION OF REVISION | MADE BY | DATE | NO.2 DESCRIPTION OF REVISION | MADE BY | DATE

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g26.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	50	193	

019-PM-057

GEOMETRIC DATA TABLE

Roadway	Curve No.	Point Description	Station	Bearing	Distance	Northing	Easting	Curve Data					Superelevation Data	
								Curvature	Radius	Delta	Length	Tangent	Superelevation	Runoff
Los Reales Rd Ramp B (NB CD Rd)	800	POB/PC	10+00.00			403514.459	986219.298							
		PI	13+20.46			403832.756	986256.441	0°45'00"	7639.44'	04°48'15" Rt	640.54'	320.46'	0.021'/ft	**
		PT	16+40.54			404146.824	986320.111							
				N 11°27'36" E	953.57'									
	804	PC	25+94.11			405081.382	986509.568							
		PI	33+42.00			405814.361	986658.161	0°18'06"	18985.59'	04°30'42" Rt	1495.01'	747.89'	NC	N/A
		PT	40+89.11			406533.381	986863.952							
				N 15°58'18" E	1281.85'									
	807	PC	53+70.96			407765.745	987216.667							
		PI	56+31.09			408015.830	987288.244	1°00'00"	5729.58'	05°11'56" Rt	519.90'	260.13'	NC	N/A
		PT	58+90.86			408258.401	987382.188							
				N 21°10'14" E	695.85'									
		POE	65+86.71			408907.290	987633.493							
Los Reales Rd Ramp C		POB	11+68.54	N 15°58'18" E	2.91'	409093.410	987251.411							
	302	PC	11+71.45			409096.206	987252.211							
		PI	13+21.32			409240.291	987293.450	2°20'00"	2455.53'	06°59'07" Rt	299.37'	149.87'	NC	N/A
		PT	14+70.82			409378.291	987351.905							
				N 22°57'25" E	303.90'									
	303	PC	17+74.72			409658.121	987470.438							
		PI	25+02.13			410327.922	987754.158	1°00'00"	5729.58'	14°28'15" Lt	1447.09'	727.41'	0.027'/ft	**
		PT/POE	32+21.80			411047.372	987861.502							
Los Reales Rd Ramp D		POB	10+96.37	N 10°16'56" E	1787.81'	408910.046	987627.834							
		POE	28+84.18			410669.144	987946.956							
Valencia Rd Ramp A	400	POB/PC	10+00.00			411911.178	987956.851							
		PI	15+76.34			412486.038	987998.178	1°00'00"	5729.58'	11°29'18" Lt	1148.82'	576.34'	0.023'/ft	**
		PT	21+48.82			413057.613	987924.183							
				N 07°22'35" W	390.22'									
	401	PC	25+39.05			413444.607	987874.084							
		PI	28+72.21			413775.017	987831.310	19°05'55"	300.00'	95°59'50" Rt	502.64'	333.17'	Match Exst	**
		PT/POE	30+41.69			413783.036	988164.381							
Valencia Rd Ramp B		POB	10+00.00	N 04°13'47" E	1555.50'	411877.083	988100.753							
	403	PC	25+55.50			413428.346	988215.476							
		PI	29+37.14			413808.951	988243.624	16°33'34"	346.00'	95°36'32" Lt	577.37'	381.64'	Match Exst	**
		PT/POE	31+32.87			413799.765	987862.091							

** To be provided at 60% Plans.

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
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NO.2			

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ROADWAY DESIGN SERVICES

GEOMETRIC DATA

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

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SHEET C-1.27 OF C-1.36

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	51	193	

019-PM-057

GEOMETRIC DATA TABLE

Roadway	Curve No.	Point Description	Station	Bearing	Distance	Northing	Easting	Curve Data					Superelevation Data	
								Curvature	Radius	Delta	Length	Tangent	Superelevation	Runoff
Valencia Rd Ramp C		POB	10+00.00	S 88°36'08" W	0.13'	413744.050	988228.232							
	402	PC	10+00.13			413744.047	988228.102							
		PI	13+73.47			413734.941	987854.877	16°33'34"	346.00'	94°21'10" Rt	569.78'	373.34'	Match Exst	**
		PT	15+69.91			414107.781	987874.123							
				N 02°57'18" E	172.89'									
	405	PC	17+42.80			414280.442	987883.036							
		PI	21+08.98			414646.132	987901.913	0°50'00"	6875.50'	6°05'50" Lt	731.66'	366.18'	NC	N/A
		PRC	24+74.47			415011.760	987881.841							
	405A	PI	26+95.49			415232.453	987869.726	0°50'00"	6875.50'	3°40'57" Rt	441.90'	221.03'	NC	N/A
		PRC	29+16.36			415453.473	987871.810							
	405B	PI	31+89.62			415726.715	987874.387	0°30'00"	11460.00'	2°43'55" Lt	546.41'	273.25'	NC	N/A
		PT	34+62.77			415999.770	987863.938							
				N 02°11'29" W	645.27'									
	407	PC	41+08.04			416644.566	987839.263							
		PI	43+59.12			416895.456	987829.662	1°45'00"	3274.29'	08°46'11" Lt	501.17'	251.07'	0.040'/ft	**
		PT	46+09.21			417141.949	987781.922							
				N 10°57'41" W	213.89'									
	408	PC	48+23.10			417351.937	987741.251							
		PI	51+06.56			417630.230	987687.352	3°30'00"	1637.02'	19°38'52" Rt	561.36'	283.46'	0.054'/ft	**
		PT	53+84.46			417910.444	987730.163							
				N 08°41'11" E	771.21'									
	409	PC	61+55.67			418672.805	987846.636							
		PI	64+32.68			418946.637	987888.472	1°45'00"	3274.04'	09°40'20" Lt	552.70'	277.01'	0.041'/ft	**
		PT/POE	67+08.37			419223.605	987883.705							
Valencia Rd Ramp D		POB/PC	10+00.00			413761.057	987916.258							
	404	PI	13+22.88			413768.829	988239.048	19°05'55"	300.00'	94°12'29" Lt	493.27'	322.88'	Match Exst	**
		PT	14+93.27			414090.179	988207.612							
				N 05°35'14" W	927.71'									
	406	PC	24+20.99			415013.486	988117.289							
		PI	27+25.24			415316.299	988087.667	0°45'00"	7639.44'	04°33'41" Rt	608.19'	304.26'	NC	N/A
		PT/POE	30+29.18			415620.508	988082.222							
Drexel Rd Ramp A		POB/PC	10+00.00			416952.490	987912.354							
	500A	PI	13+01.25			417253.696	987906.962	0°45'00"	7639.74'	04°30'59" Lt	602.20'	301.25'	NC	N/A
		PT	16+02.20			417553.541	987877.869							
				N 05°32'31" W	1238.55'									
		POE	28+40.74			418786.300	987758.259							
Drexel Ramp A1	1000	POB/PC	28+40.74			418784.851	987743.329							
		PI	30+21.17			418964.437	987725.905	22°55'06"	250.00'	71°38'15" Rt	312.58'	180.43'		
		PCC	31+53.32			419037.550	987890.858							
	1001	PI	32+54.49			419078.548	987983.355	11°27'33"	500.00'	22°52'44" Rt	199.66'	101.18'		
		PT/POE	33+52.97			419080.359	988084.515							

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INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC DATA

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

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SHEET C-1.28 OF C-1.36

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NO.2 DESCRIPTION OF REVISION | DATE | MADE BY

NO.1 DESCRIPTION OF REVISION | DATE | MADE BY

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Geom\h5105g28.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	52	193	

GEOMETRIC DATA TABLE

Roadway	Curve No.	Point Description	Station	Bearing	Distance	Northing	Easting	Curve Data					Superelevation Data	
								Curvature	Radius	Delta	Length	Tangent	Superelevation	Runoff
Drexel Ramp A2		POB	0+00.00	N 05°32'31" W	276.21'	418784.851	987743.329							
		POE	2+76.21			419059.771	987716.655							
Drexel Rd Ramp B	500	POB/PC	10+00.00			417256.152	988052.941							
		PI	13+12.49			417568.596	988047.348	0°45'00"	7639.44'	04°41'05" Rt	624.64'	312.49'	0.021%ft	**
		PT	16+24.64			417880.452	988067.292							
				N 03°39'33" E	912.50'									
		POE	25+37.14			418791.091	988125.530							
Drexel Ramp B1	1002	POB/PC	25+37.14			418790.134	988140.499							
		PI	26+81.09			418933.785	988149.686	22°55'06"	250.00'	59°51'54" Lt	261.21'	143.95'		
		PCC	27+98.35			419013.849	988030.062							
	1003	PI	29+55.14			419101.055	987899.767	11°27'33"	500.00'	34°49'11" Lt	303.86'	156.79'		
		PT/POE	31+02.21			419098.249	987743.007							
Drexel Ramp B2		POB	0+00.00	N 03°39'33" E	278.11'	418790.134	988140.499							
		POE	2+78.11			419067.676	988158.249							
Drexel Ramp C1	1004	POB/PC	10+00.00			419029.561	988152.130							
		PI	11+58.26			419026.728	987993.891	11°27'33"	500.00'	35°07'42" Rt	306.55'	158.26'		
		PCC	13+06.55			419115.464	987862.842							
	1005	PI	14+52.57			419197.321	987741.944	22°55'06"	250.00'	60°34'33" Rt	264.31'	146.02'		
		PT/POE	15+70.86			419342.853	987753.850							
Drexel Ramp C2		POB	0+00.00	S 04°40'37" W	283.78'	419342.853	987753.850							
		POE	2+83.78			419060.023	987730.711							
Drexel Ramp C		POB	15+70.86	N 04°40'37" E	2157.55'	419343.309	987768.937							
		POE	37+28.41			421493.672	987944.862							
Drexel Ramp D1	1006	POB/PC	10+00.00			419047.451	987810.622							
		PI	10+81.97			419048.918	987892.578	11°27'33"	500.00'	18°37'13" Lt	162.49'	81.97'		
		PCC	11+62.49			419076.477	987969.775							
	1007	PI	13+49.87			419139.473	988146.243	22°55'06"	250.00'	73°42'11" Lt	321.59'	187.37'		
		PT/POE	14+84.08			419326.527	988135.297							
Drexel Ramp D2		POB	0+00.00	N 03°20'55" W	259.43'	419067.537	988150.452							
		POE	2+59.43			419326.527	988135.297							
Drexel Rd Ramp D		POB	14+84.08	N 03°20'55" W	1051.53'	419325.651	988120.323							
	501	PC	25+35.61			420375.383	988058.900							
		PI	28+86.23			420725.406	988038.419	1°00'00"	5729.58'	07°00'13" Rt	700.37'	350.62'	0.023%ft	**
		PT/POE	32+35.98			421075.314	988060.770							
Irvington Rd Ramp A	600	POB/PC	10+00.00			422799.065	988047.206							
		PI	15+44.62			423342.018	988089.826	1°00'00"	5729.58'	10°51'35" Lt	1085.98'	544.62'	0.023%ft	**
		PT	20+85.98			423883.278	988029.387							
				N 06°22'17" W	257.91'									
		POE	23+43.89			424139.590	988000.766							
Irvington Ramp A1	1100	POB/PC	23+43.89			424137.926	987985.858							
		PI	25+07.29			424300.316	987967.725	22°55'06"	250.00'	66°20'14" Rt	289.45'	163.40'		
		PCC	26+33.34			424382.101	988109.185							
	1101	PI	27+63.64			424447.316	988221.985	11°27'33"	500.00'	29°12'43" Rt	254.92'	130.30'		
		PT/POE	28+88.26			424449.187	988352.267							

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC DATA

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

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SHEET C-1.29 OF C-1.36

52 OF 193

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.1			
NO.2			

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g29.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	53	193	
		019-PM-057			

GEOMETRIC DATA TABLE

Roadway	Curve No.	Point Description	Station	Bearing	Distance	Northing	Easting	Curve Data					Superelevation Data	
								Curvature	Radius	Delta	Length	Tangent	Superelevation	Runoff
Irvington Ramp A2		POB	0+00.00	N 06°22'17" W	293.34'	424137.926	987985.858							
		POE	2+93.34			424429.458	987953.305							
Irvington Rd Ramp B	601	POB/PC	10+00.00			422796.382	988193.445							
		PI	13+14.32			423109.736	988218.042	0°45'00"	7639.44'	04°42'44" Rt	628.28'	314.32'	0.021'/ft	**
		PT	16+28.28			423420.010	988268.298							
				N 09°12'02" E	730.49'									
		POE	23+58.78			424141.106	988385.096							
Irvington Ramp B1	1102	POB/PC	21+70.78			424135.446	988399.352							
		PI	23+37.01			424299.176	988428.100	22°55'06"	250.00'	67°14'34" Lt	293.40'	166.23'		
		PCC	24+64.18			424389.021	988288.237							
	1103	PI	26+14.85			424470.450	988161.473	11°27'33"	500.00'	33°32'17" Lt	292.67'	150.66'		
		PT/POE	27+56.86			424468.288	988010.825							
Irvington Ramp B2		POB	0+00.00	N 09°57'31" E	305.78'	424135.446	988399.352							
		POE	3+05.78			424436.620	988452.233							
Irvington Ramp C1	1104	POB/PC	10+00.00			424398.149	988419.702							
		PI	11+59.91			424395.854	988259.806	11°27'33"	500.00'	35°28'16" Rt	309.54'	159.91'		
		PCC	13+09.54			424486.771	988128.254							
	1105	PI	14+49.22			424566.183	988013.349	22°55'06"	250.00'	58°23'04" Rt	254.75'	139.68'		
		PT/POE	15+64.29			424705.663	988020.740							
Irvington Ramp C2		POB	0+00.00	N 03°01'59" E	275.83'	424430.217	988006.144							
		POE	2+75.83			424705.663	988020.740							
Irvington Rd Ramp C		POB	10+00.00	N 03°01'59" E	1177.81'	424704.869	988035.719							
	603	PC	21+77.81			425881.032	988098.042							
		PI	24+15.51			426118.396	988110.620	0°45'00"	7639.44'	03°33'51" Lt	475.24'	237.70'	NC	N/A
		PT	26+53.05			426356.083	988108.416							
				N 00°31'52" W	933.30'									
	604	PC	35+86.36			427289.346	988099.765							
		PI	38+56.53			427559.509	988097.261	1°30'00"	3819.72'	08°05'30" Lt	539.45'	270.17'	0.032'/ft	**
		PT	41+25.81			427826.630	988056.753							
				N 08°37'22" W	316.83'									
	605	PC	44+42.64			428139.881	988009.251							
		PI	48+51.57			428544.185	987947.940	2°15'00"	2546.48'	18°14'45" Rt	810.93'	408.93'	0.043'/ft	**
		PT	52+53.57			428947.358	988016.298							
				N 09°37'23" E	327.93'									
	606	PC	55+81.50			429270.673	988071.117							
		PI	58+72.38			429557.460	988119.742	1°45'00"	3274.04'	10°09'15" Lt	580.24'	290.88'	0.041'/ft	**
		PT/POE	61+61.74			429848.327	988117.045							

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ROADWAY DESIGN SERVICES

GEOMETRIC DATA

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

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SHEET C-1.30 OF C-1.36

53 OF 193

NO.1 DESCRIPTION OF REVISION | MADE BY | DATE
NO.2 DESCRIPTION OF REVISION | MADE BY | DATE

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g30.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	54	193	

019-PM-057

GEOMETRIC DATA TABLE

Roadway	Curve No.	Point Description	Station	Bearing	Distance	Northing	Easting	Curve Data					Superelevation Data	
								Curvature	Radius	Delta	Length	Tangent	Superelevation	Runoff
Irvington Ramp D1	1106	POB/PC	10+00.00			424417.250	988078.260							
		PI	11+25.19			424419.047	988203.433	11°27'33"	500.00'	28°06'45" Lt	245.33'	125.19'		
		PCC	12+45.33			424479.614	988312.991							
	1107	PI	14+21.96			424565.072	988467.576	22°55'06"	250.00'	70°29'06" Lt	307.55'	176.63'		
		PT/POE	15+52.88			424739.323	988438.666							
Irvington Ramp D2		POB	0+00.00	N 09°25'11" W	306.34'	424437.110	988488.805							
		POE	3+06.34			424739.323	988438.666							
Irving-ton Rd Ramp D		POB	15+49.71	N 08°38'51" W	349.74'	424733.740	988424.366							
	602	PC	18+99.45			425079.507	988371.781							
		PI	24+41.45			425615.338	988290.291	0°45'00"	7639.44'	08°06'59" Rt	1082.17'	541.99'	NC	N/A
		PT/POE	29+81.62			426157.307	988285.267							
Ajo Way Ramp A	700	POB/PC	10+00.00			427455.647	988127.225							
		PI	16+88.77			428144.392	988120.840	0°22'30"	15278.87'	05°09'44" Lt	1376.62'	688.77'	NC	N/A
		PT	23+76.62			428829.769	988052.510							
				N 05°41'36" W	587.43'									
		POE	29+64.05			429414.304	987994.233							
Ajo Way Ramp A1	1200	POB/PC	25+34.15			429412.816	987979.307							
		PI	27+11.25			429589.039	987961.739	22°55'06"	250.00'	70°37'36" Rt	308.17'	177.10'		
		PCC	28+42.32			429664.070	988122.157							
	1201	PI	29+43.04			429706.742	988213.391	11°27'33"	500.00'	22°46'43" Rt	198.78'	100.72'		
		PT/POE	30+41.10			429710.763	988314.031							
Ajo Way Ramp A2		POB	0+00.00	N 05°41'36" W	279.16'	429412.816	987979.307							
		POE	2+79.16			429690.601	987951.613							
Ajo Way Ramp B	701	POB/PC	10+00.00			427777.186	988270.250							
		PI	12+75.36			428052.535	988267.698	0°45'00"	7639.44'	04°07'43" Rt	550.48'	275.36'	0.021'/ft	**
		PT	15+50.48			428327.353	988284.976							
				N 03°35'51" E	1095.90'									
		POE	26+46.39			429421.096	988353.741							
Ajo Way Ramp B1	1202	POB/PC	23+54.93			429415.750	988368.395							
		PI	25+02.06			429562.406	988380.220	22°55'06"	250.00'	60°57'22" Lt	265.97'	147.13'		
		PCC	26+20.90			429643.942	988257.747							
	1203	PI	27+73.37			429728.438	988130.829	11°27'33"	500.00'	33°55'03" Lt	295.99'	152.47'		
		PT/POE	29+16.89			429727.736	987978.358							
Ajo Way Ramp B2		POB	0+00.00	N 04°36'35" E	285.01'	429415.750	988368.395							
		POE	2+85.01			429699.839	988391.301							

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC DATA

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

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SHEET C-1.31 OF C-1.36

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NO.1 | DESCRIPTION OF REVISION | MADE BY | DATE

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	55	193	

019-PM-057

GEOMETRIC DATA TABLE

Roadway	Curve No.	Point Description	Station	Bearing	Distance	Northing	Easting	Curve Data					Superelevation Data	
								Curvature	Radius	Delta	Length	Tangent	Superelevation	Runoff
Ajo Way Ramp C1	1204	POB/PC	10+00.00			429661.600	988386.078							
		PI	11+63.91			429655.056	988222.302	11°27'33"	500.00'	36°17'59" Rt	316.78'	163.91'		
		PCC	13+16.78			429746.740	988086.436							
	1205	PI	14+51.34			429822.013	987974.889	22°55'06"	250.00'	56°35'05" Rt	246.90'	134.57'		
		PT/POE	15+63.67			429956.574	987976.291							
Ajo Way Ramp C2		POB	0+00.00	N 00°35'48" E	266.88'	429689.713	987973.511							
		POE	2+66.88			429956.574	987976.291							
Ajo Way Ramp C3		POB	15+63.67	N 00°35'48" E	554.90'	429956.418	987991.290							
	704	PC	21+18.57			430511.292	987997.069							
		PI	28+67.80			431260.480	988004.871	1°00'00"	5729.58'	14°54'00" Rt	1490.00'	749.23'	NC	N/A
		PCC	36+08.58			431982.471	988205.052							
	704A	PI	40+37.22			432395.534	988319.579	2°00'00"	2864.79'	17°01'11" Rt	850.98'	428.65'	0.035'/ft	**
		PT	44+59.56			432756.985	988549.993							
				N 32°30'59" E	155.54'									
	709	PC	46+15.10			432888.146	988633.604							
		PI	48+89.18			433119.258	988780.931	1°00'00"	5729.58'	05°28'38" Lt	547.74'	274.08'	NC	N/A
		PT/POE	51+62.84			433363.378	988905.526							
Ajo Way Ramp C4		POB	10+00.00	N 19°04'56" E	1497.64'	432157.548	988246.986							
	710	PC	24+97.64			433572.898	988736.602							
		PI	29+71.96			434021.150	988891.667	2°15'00"	2546.48'	21°06'08" Rt	937.88'	474.32'	0.038'/ft	**
		PT	34+35.53			434383.512	989197.720							
				N 40°11'04" E	620.33'									
	711A	PC	40+55.85			434857.423	989597.987							
		PI	45+57.86			435240.943	989921.909	3°00'00"	1909.86'	29°27'15" Lt	981.81'	502.01'	0.044'/ft	**
		PT/POE	50+37.66			435734.174	990015.376							
Ajo Way Ramp D1	1206	POB/PC	10+00.00			429676.009	988037.871							
		PI	10+94.78			429676.446	988132.652	11°27'33"	500.00'	21°28'04" Lt	187.34'	94.78'		
		PCC	11+87.34			429711.540	988220.697							
	1207	PI	13+74.99			429781.019	988395.011	22°55'06"	250.00'	73°47'01" Lt	321.94'	187.65'		
		PT/POE	15+09.28			429967.799	988376.975							
Ajo Way Ramp D2		POB	0+00.00	N 05°30'55" W	268.75'	429700.298	988402.805							
		POE	2+68.75			429967.799	988376.975							
Ajo Way Ramp D		POB	15+09.28	N 05°30'55" W	155.73'	429966.358	988362.045							
	702	PC	16+65.01			430121.366	988347.077							
		PI	23+32.32			430785.592	988282.941	1°15'00"	4583.66'	16°33'59" Rt	1325.32'	667.32'	0.028'/ft	**
		PT	29+90.33			431440.533	988410.856							
				N 11°03'04" E	175.37'									
	705	PC	31+65.70			431612.652	988444.473							
		PI	38+09.45			432244.467	988567.871	1°15'00"	4583.66'	15°59'21" Rt	1279.14'	643.75'	0.028'/ft	**
		PT/POE	44+44.84			432817.848	988860.534							

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GEOMETRIC DATA

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

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SHEET C-1.32 OF C-1.36

55 OF 193

NO.1 DESCRIPTION OF REVISION | DATE | MADE BY | NO.2 DESCRIPTION OF REVISION | DATE

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	56	193	

019-PM-057

GEOMETRIC DATA TABLE

Roadway	Curve No.	Point Description	Station	Bearing	Distance	Northing	Easting	Curve Data					Superelevation Data	
								Curvature	Radius	Delta	Length	Tangent	Superelevation	Runoff
Ajo Way Ramp D 19N-10E	703	POB/PC	10+00.00			430192.964	988340.730							
		PI	13+14.17			430506.119	988315.442	2°30'00"	2291.83'	15°36'41" Rt	624.46'	314.17'	0.040'/ft	**
		PT	16+24.46			430814.527	988375.361							
				N 10°59'41" E	576.27'									
	711	PC	22+00.72			431380.215	988485.264							
		PI	26+08.29			431780.307	988562.995	1°00'00"	5729.58'	08°08'16" Rt	813.77'	407.57'	NC	N/A
		PT	30+14.50			432165.366	988696.577							
Ramp 19N-10E	808	POB/PC	10+00.00			430625.503	988234.882							
		PI	14+18.15			431043.490	988246.758	2°30'03"	2291.00'	20°41'15" Rt	827.20'	418.15'	0.051'/ft	**
		PT	18+27.20			431430.329	988405.531							
				N 22°18'54" E	450.96'									
	706	PC	22+78.16			431847.517	988576.760							
		PI	24+92.92			432046.186	988658.301	1°00'00"	5729.58'	04°17'35" Lt	429.30'	214.75'	0.023'/ft	**
		PT	27+07.47			432250.402	988724.742							
				N 18°01'19" E	166.66'									
	707	PC	28+74.13			432408.884	988776.303							
		PI	33+25.94			432838.527	988916.085	1°00'00"	5730.00'	09°01'01" Rt	901.75'	451.81'	0.032'/ft	**
		PT	37+75.88			433240.953	989121.475							
				N 27°02'20" E	887.75'									
	708	PC	46+63.63			434031.674	989525.044							
		PI	49+45.02			434282.307	989652.962	0°24'36"	13978.48'	02°18'23" Lt	562.70'	281.39'	NC	N/A
		PRC	52+26.34			434537.884	989770.690							
	812	PI	68+36.81			436000.634	990444.484	6°52'30"	833.39'	125°16'43" Rt	1822.22'	1610.47'	0.060'/ft	**
		PT	70+48.57			434605.771	991249.452							
				S 29°59'20" E	217.72'									
		POE	72+66.29			434417.195	991358.278							

** To be provided at 60% Plans.

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.1			
NO.2			

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC DATA

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
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SHEET C-1.33 OF C-1.36

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1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g33.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	57	193	
		019-PM-057			

GEOMETRIC DATA TABLE

Roadway	Curve No.	Point Description	Station	Bearing	Distance	Northing	Easting	Curve Data					Superelevation Data	
								Curvature	Radius	Delta	Length	Tangent	Superelevation	Runoff
Ramp 10W-19S		POB	10+00.00	N 19°26'27" E	305.15'	432087.715	988364.349							
	809	PC	13+05.15			432375.471	988465.915							
		PI	15+58.80			432614.652	988550.335	1°30'00"	3819.72'	07°35'53" Rt	506.54'	253.64'	0.032'/ft	**
		PT	18+11.70			432840.571	988665.640							
				N 27°02'20" E	782.84'									
	810	PC	25+94.54			433537.846	989021.516							
		PI	32+83.76			434151.734	989334.834	2°00'00"	2864.79'	27°03'17" Lt	1352.74'	689.22'	0.040'/ft	**
		PT	39+47.27			434840.956	989334.644							
				N 00°00'57" W	448.99'									
	814	PC	43+96.26			435289.942	989334.520							
		PI	123+70.98			443264.665	989332.325	6°15'00"	916.73'	166°53'05" Rt	2670.16'	7974.72'	0.060'/ft	**
		PT/POE	70+66.41			435498.457	991144.015							
Ramp EBFR 10E-19S	811	POB/PC	10+00.00			435331.829	989310.509							
		PI	13+00.52			435632.353	989310.426	5°00'00"	1145.92'	29°23'26" Rt	587.81'	300.52'	0.051'/ft	**
		PT	15+87.81			435894.239	989457.839							
				N 29°22'29" E	427.75'									
	815	PC	20+15.56			436266.993	989667.659							
		PI	26+43.61			436814.290	989975.728	2°45'00"	2083.48'	33°32'59" Lt	1219.99'	628.05'	0.037'/ft	**
		PT/POE	32+35.55			437440.668	989930.003							
San Xavier Rd		POB	485+60.77	N 73°52'58" E	50.00'	403028.695	985045.041							
	201	PC	486+10.77			403042.575	985093.075							
		PI	488+19.93			403100.637	985294.009	6°00'00"	954.93'	24°42'30" Lt	411.81'	209.15'	NC	N/A
		PT	490+22.58			403237.373	985452.277							
				N 49°10'28" E	889.43'									
	202	PC	499+12.01			403818.845	986125.312							
		PI	502+62.44			404047.946	986390.488	1°00'00"	5729.58'	07°00'00" Lt	700.00'	350.44'	NC	N/A
		PT	506+12.01			404307.655	986625.767							
				N 42°10'28" E	800.00'									
		PI	514+12.01			404900.538	987162.879							
	202A	PC	515+33.83			404990.820	987244.668							
		PI	518+54.27			405228.299	987459.808	6°45'00"	848.83'	41°21'51" Rt	612.80'	320.44'	0.060'/ft	**
		PT	521+46.63			405264.360	987778.213							
				N 83°32'19" E	351.19'									
	202B	PC	524+97.82			405303.882	988127.175							
		PI	527+89.63			405336.720	988417.125	6°45'00"	848.83'	37°56'35" Lt	562.12'	291.80'	0.060'/ft	**
		PT	530+59.94			405540.901	988625.593							
				N 45°35'43" E	248.53'									
		POE	533+08.47			405714.802	988803.146							

** To be provided at 60% Plans.

	NAME	DATE
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ROADWAY DESIGN SERVICES

GEOMETRIC DATA

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
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NOT FOR CONSTRUCTION OR RECORDING

SHEET C-1.34 OF C-1.36

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NO.1 DESCRIPTION OF REVISION | MADE BY | DATE
NO.2 DESCRIPTION OF REVISION | MADE BY | DATE

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g34.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	58	193	

019-PM-057

GEOMETRIC DATA TABLE

Roadway	Curve No.	Point Description	Station	Bearing	Distance	Northing	Easting	Curve Data					Superelevation Data	
								Curvature	Radius	Delta	Length	Tangent	Superelevation	Runoff
Los Reales Rd		POB	497+77.79	S 64°01'42" E	1085.64'	409093.372	987251.488							
	304	PC	508+63.43			408617.941	988227.491							
		PI	512+07.53			408467.249	988536.843	4°00'00"	1432.39'	27°00'59" Lt	675.41'	344.10'	NC	N/A
		PT	515+38.84			408473.522	988880.889							
				N 88°57'19" E	754.35'									
		POE	522+93.19			408487.275	989635.113							
Drexel Road		POB/PC	485+16.33			418987.361	986466.172							
	502	PI	486+73.17			418990.786	986622.973	0°55'00"	6250.91'	2°52'28" Lt	313.61'	156.84'	NC	N/A
		PT	488+29.94			419002.069	986779.405							
				N 85°52'28" E	490.84'									
	503	PC	493+20.78			419037.381	987268.977							
		PI	495+86.58			419056.503	987534.085	0°35'00"	9822.86'	3°06'00" Rt	531.46'	265.80'	NC	N/A
		PT	498+52.25			419061.260	987799.838							
				N 88°58'28" E	450.00'									
	504	PC	503+02.25			419069.315	988249.767							
		PI	504+95.93			419072.781	988443.421	0°34'23"	10000.00'	2°13'09" Lt	387.32'	193.69'	NC	N/A
		PRC	506+89.57			419083.744	988636.797							
	505	PI	508+83.25			419094.707	988830.172	0°34'23"	10000.00'	2°13'09" Rt	387.32'	193.69'	NC	N/A
		PT	510+76.89			419098.174	989023.826							
				N 88°58'28" E	907.17'									
		POE	519+84.06			419114.411	989930.851							
Irvington Rd		POB	475+02.96	N 89°09'51" E	562.75'	424367.546	985719.284							
	606A	PC	480+65.71			424375.755	986281.973							
		PI	483+29.84			424379.608	986546.077	0°20'00"	17188.73'	1°45'39" Lt	528.22'	264.13'	NC	N/A
		PT	485+93.93			424391.573	986809.939							
				N 87°24'13" E	427.35'									
	607	PC	490+21.29			424410.934	987236.853							
		PI	492+87.43			424422.990	987502.721	0°20'00"	17188.73'	01°46'27" Rt	532.24'	266.14'	NC	N/A
		PT	495+53.53			424426.810	987768.835							
				N 89°10'39" E	705.89'									
	608	PC	502+59.42			424436.942	988474.657							
		PI	503+16.75			424437.765	988531.985	2°00'00"	2864.79'	02°17'35" Rt	114.65'	57.33'	NC	N/A
		PT	503+74.07			424436.293	988589.300							
				S 88°31'46" E	533.44'									
	609	PC	509+07.51			424422.602	989122.565							
		PI	512+19.97			424414.583	989434.922	0°20'00"	17188.73'	2°04'58" Lt	624.85'	312.46'	NC	N/A
		PT	515+32.36			424417.922	989747.363							
				N 89°23'16" E	971.63'									
		POE	525+03.99			424428.303	990718.937							

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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

GEOMETRIC DATA

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
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NOT FOR CONSTRUCTION OR RECORDING

SHEET C-1.35 OF C-1.36

58 OF 193

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.1			
NO.2			

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Geom\h5105g35.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	59	193	
		019-PM-057			

GEOMETRIC DATA TABLE

Roadway	Curve No.	Point Description	Station	Bearing	Distance	Northing	Easting	Curve Data					Superelevation Data	
								Curvature	Radius	Delta	Length	Tangent	Superelevation	Runoff
Ajo Way		POB	472+19.08	N 90°00'00" E	186.30'	429711.420	985399.169							
	712	PC	474+05.38			429711.420	985585.467							
		PI	476+44.76			429711.420	985824.845	0°42'21"	8116.90'	3°22'42" Rt	478.62'	239.38'	NC	N/A
		PRC	478+84.00			429697.313	986063.806							
	712A	PI	481+42.09			429682.104	986321.445	0°42'21"	8116.90'	3°38'32" Lt	516.00'	258.09'	NC	N/A
		PT	484+00.00			429683.292	986579.529							
				N 89°44'10" E	1478.55'									
	712B	PC	498+78.55			429690.102	988058.059							
		PI	499+79.75			429690.568	988159.266	1°00'00"	5729.58'	2°01'26" Lt	202.40'	101.21'	NC	N/A
		PT	500+80.94			429694.609	988260.394							
				N 87°42'44" E	816.92'									
	713	PC	508+97.86			429727.220	989076.658							
		PI	511+09.67			429735.675	989288.301	0°45'00"	7639.44'	3°10'35" Rt	423.52'	211.81'	NC	N/A
		PRC	513+21.37			429732.390	989500.088							
	713A	PI	513+98.37			429731.197	989577.074	0°45'00"	7639.44'	1°09'18" Lt	153.98'	76.99'	NC	N/A
		PT	514+75.36			429731.554	989654.068							
				N 89°44'01" E	1018.02'									
		POE	524+93.38			429736.287	990672.080							
Kostka Ave														
		POB	8+45.89			429531.439	987066.777							
				N 01°01'32" W	154.11'									
		POE	10+00.00			429685.524	987064.019							

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
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NO.2			

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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

GEOMETRIC DATA

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

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SHEET C-1.36 OF C-1.36

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	60	193	
		019-PM-057			

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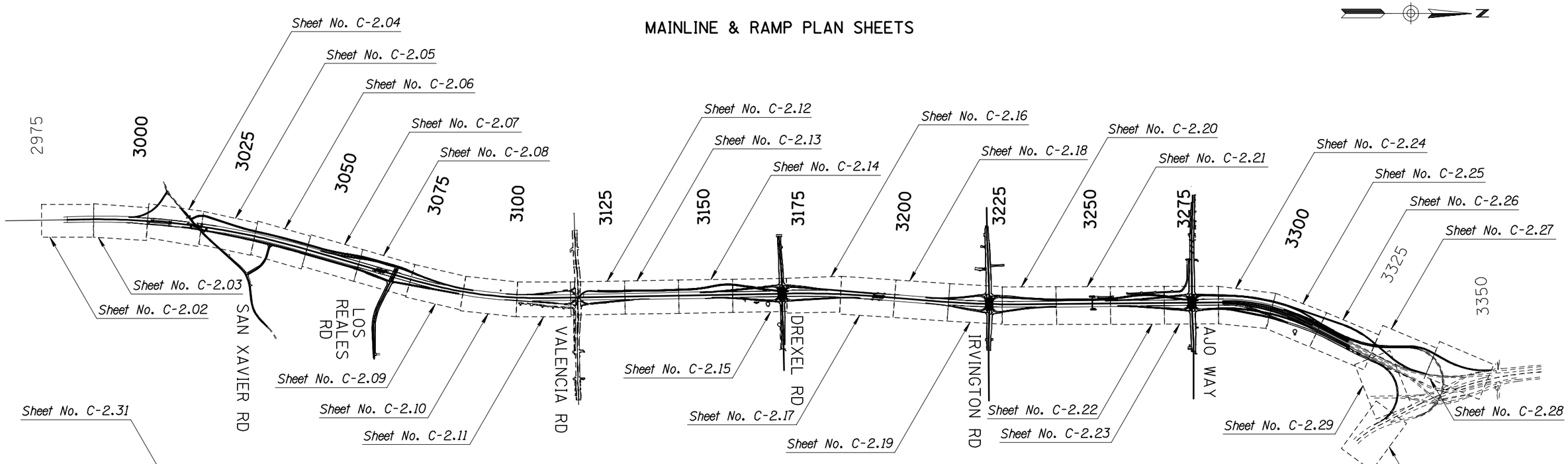
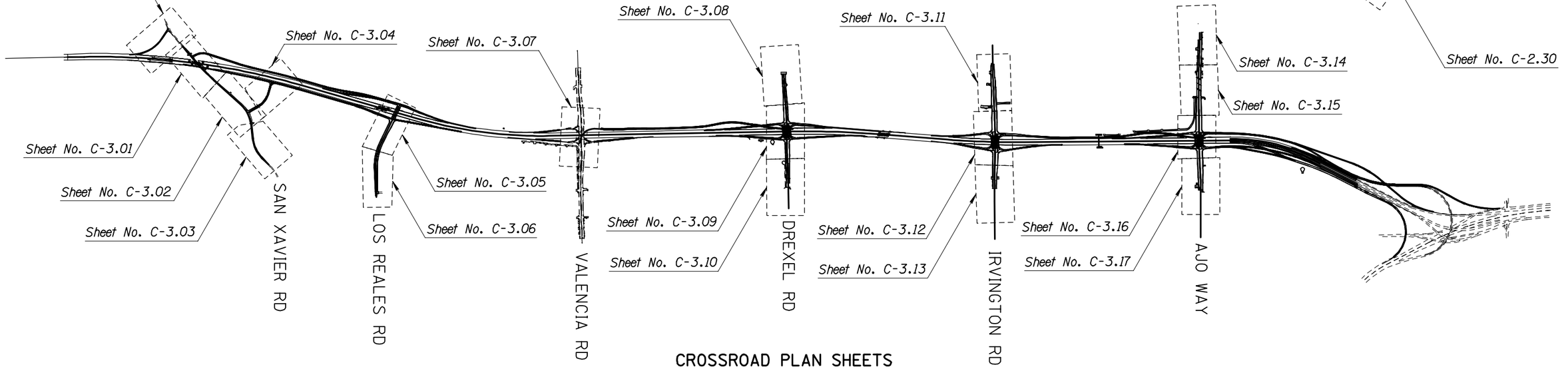
MAINLINE & RAMP PLAN SHEETS





CROSSROAD PLAN SHEETS

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

KEY MAP

PRELIMINARY
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ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

SHEETC-2.01 OF C-2.31

TRACS NO. H 5105 01L | 019-PM-057 | 60 OF 193

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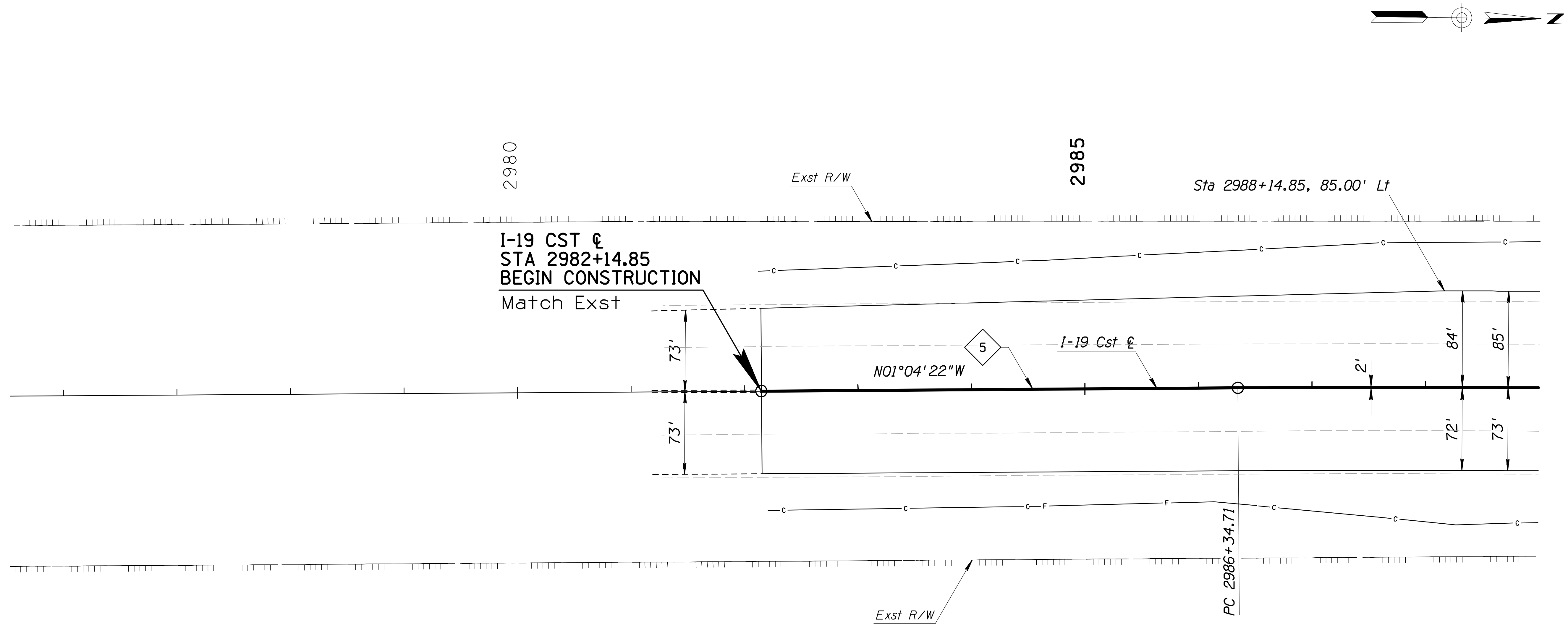
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	61	193	

019-PM-057



1	New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
2	New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
3	New Conc Single Curb Type A or A-1 ADOT Std C-05.10
4	New Conc Curb & Gutter Transition ADOT Std C-05.12

◇1	ET-Plus or SKT 350 End Treatment
◇2	Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
◇3	New Conc Barrier Transition
◇4	New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
◇5	New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 2975+50 TO 2989+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

PRELIMINARY
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SHEET C-2.02 OF C-2.31

TRACS NO. H 5105 01L

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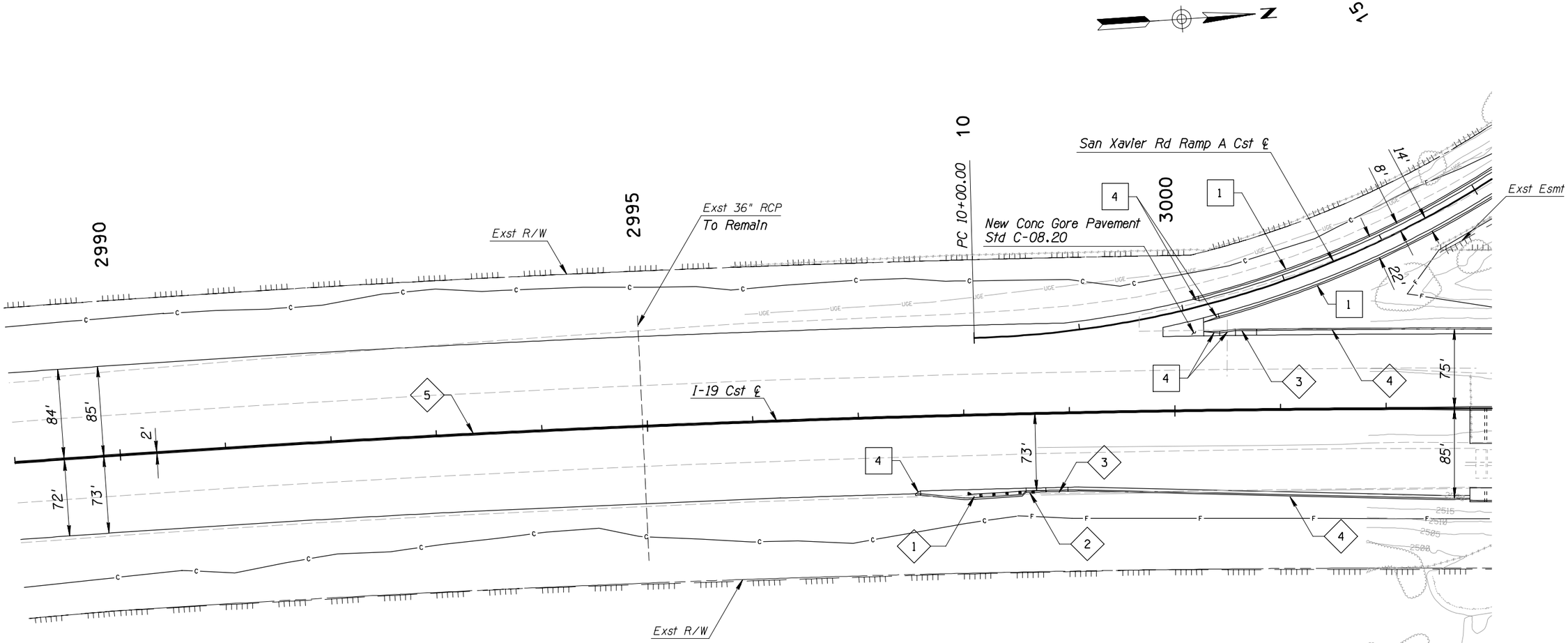
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	62	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



1 *New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10*

2 *New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10*

3 *New Conc Single Curb Type A or A-1 ADOT Std C-05.10*

4 *New Conc Curb & Gutter Transition ADOT Std C-05.12*

1 *ET-Plus or SKT 350 End Treatment*

2 *Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30*

3 *New Conc Barrier Transition*

4 *New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53*

5 *New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41*

	NAME	DATE
DESIGN	JMS/MPK	01/12
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 2989+00 TO 3003+00

ROUTE: I-19 | LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
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NOT FOR CONSTRUCTION OR RECORDING

SHEETC-2.030F C-2.31

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1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105p03.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	63	193	
		019-PM-057			

Exst R/W
14'
8'
1
San Xavier Rd Ramp A Cst ℄
Exst Access Control
22'
Santa Cruz River
3005
Exst Access Control
Exst 1-4 Span Bridge
Widen
I-19 Cst ℄
4
5
2'
74'
75'
75'
Exst 1-5 Span Bridge
Widen
Exst R/W
N49°10'28"E
Exst R/W
Exst Access Control
San Xavier Rd Cst ℄
3010
10
20
20
POB 9+79.30
New R/W
Exst OH Power
To Remain
10+99.54 PC
Exst Access Control
3015
San Xavier Rd
Ramp C Cst ℄
(SB CD Road)
1
2
4
34'
20'
14'
N25°49'32"W
PC 499+12.01
500
Exst OH Power
To Remain
Exst 1-3 Span Bridge
Widen
N49°10'28"E
84'
85'
Los Reales Rd Ramp B Cst ℄
(NB CD Road)
PC 10+00.00
10
San Xavier Rd TI OP
Sheet No C-3.02
Exst 1-3 Span Bridge
Widen

1	New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
2	New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
3	New Conc Single Curb Type A or A-1 ADOT Std C-05.10
4	New Conc Curb & Gutter Transition ADOT Std C-05.12

1	ET-Plus or SKT 350 End Treatment
2	Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
3	New Conc Barrier Transition
4	New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
5	New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3003+00 TO 3017+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
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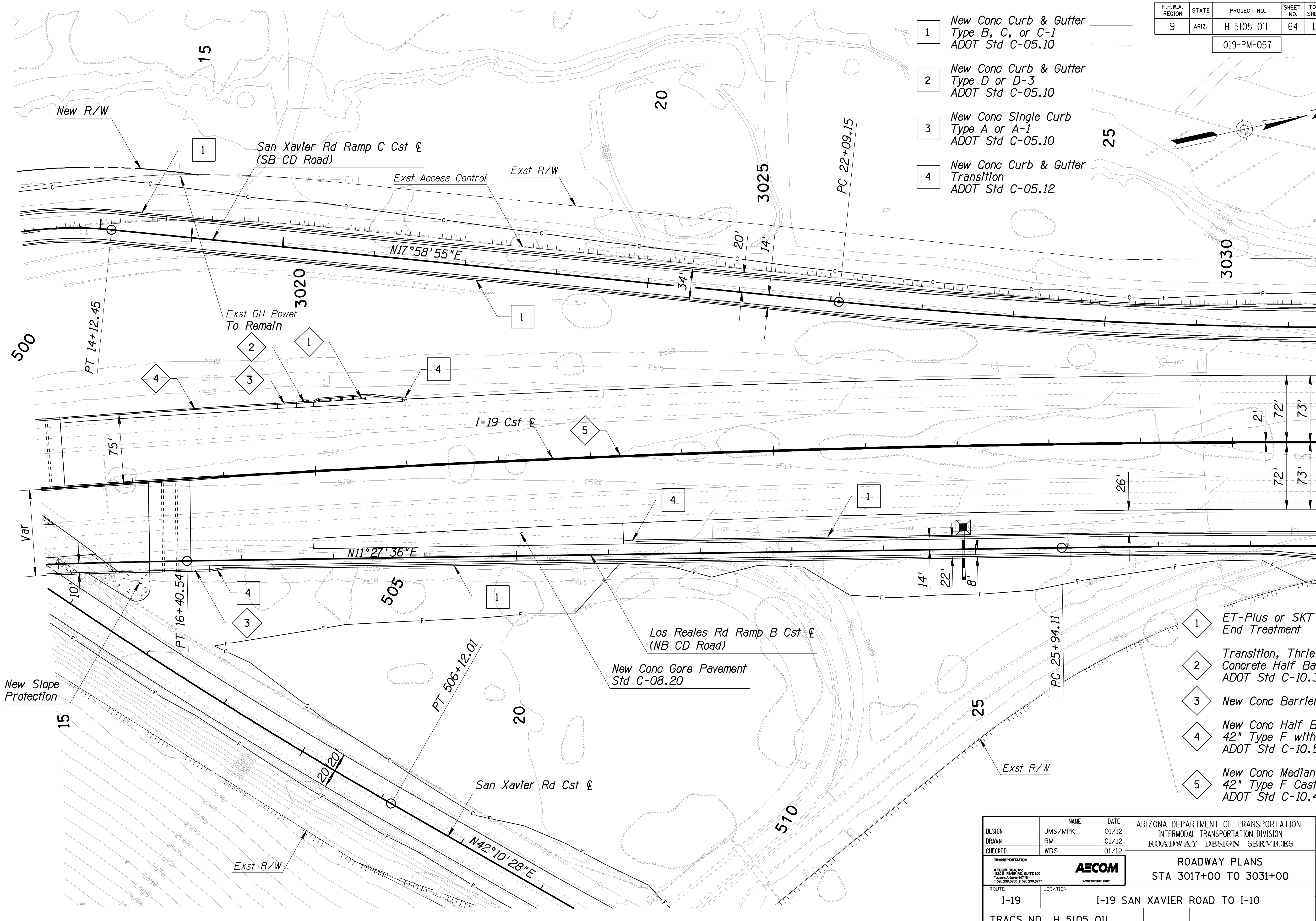
SHEETC-2.04OF C-2.31

63 OF 193

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105p04.dgn



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	64	193	

019-PM-057

1. New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
2. New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
3. New Conc Single Curb Type A or A-1 ADOT Std C-05.10
4. New Conc Curb & Gutter Transition ADOT Std C-05.12

◇1 ET-Plus or SKT 350 End Treatment
◇2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
◇3 New Conc Barrier Transition
◇4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
◇5 New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc. 1860 E. River Rd, Suite 300 Tucson, Arizona 85718 T 520.299.8700 F 520.299.8777 www.aecom.com
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3017+00 TO 3031+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

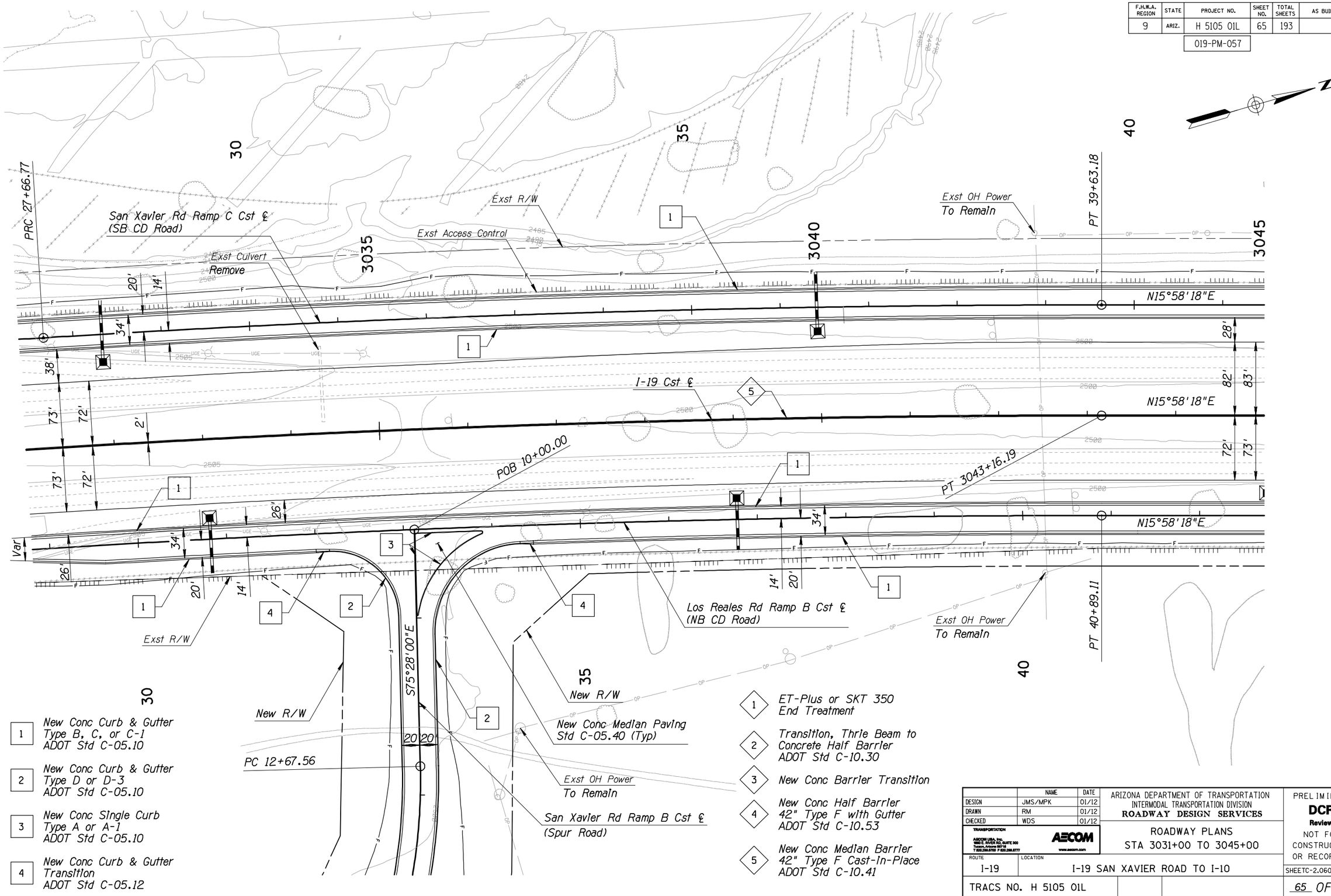
SHEET C-2.05 OF C-2.31

TRACS NO. H 5105 01L

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105p05.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	65	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



1 New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 New Conc Curb & Gutter Transition ADOT Std C-05.12

1 ET-Plus or SKT 350 End Treatment

2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

3 New Conc Barrier Transition

4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

5 New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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1800 E. RIVER RD, SUITE 300
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3031+00 TO 3045+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

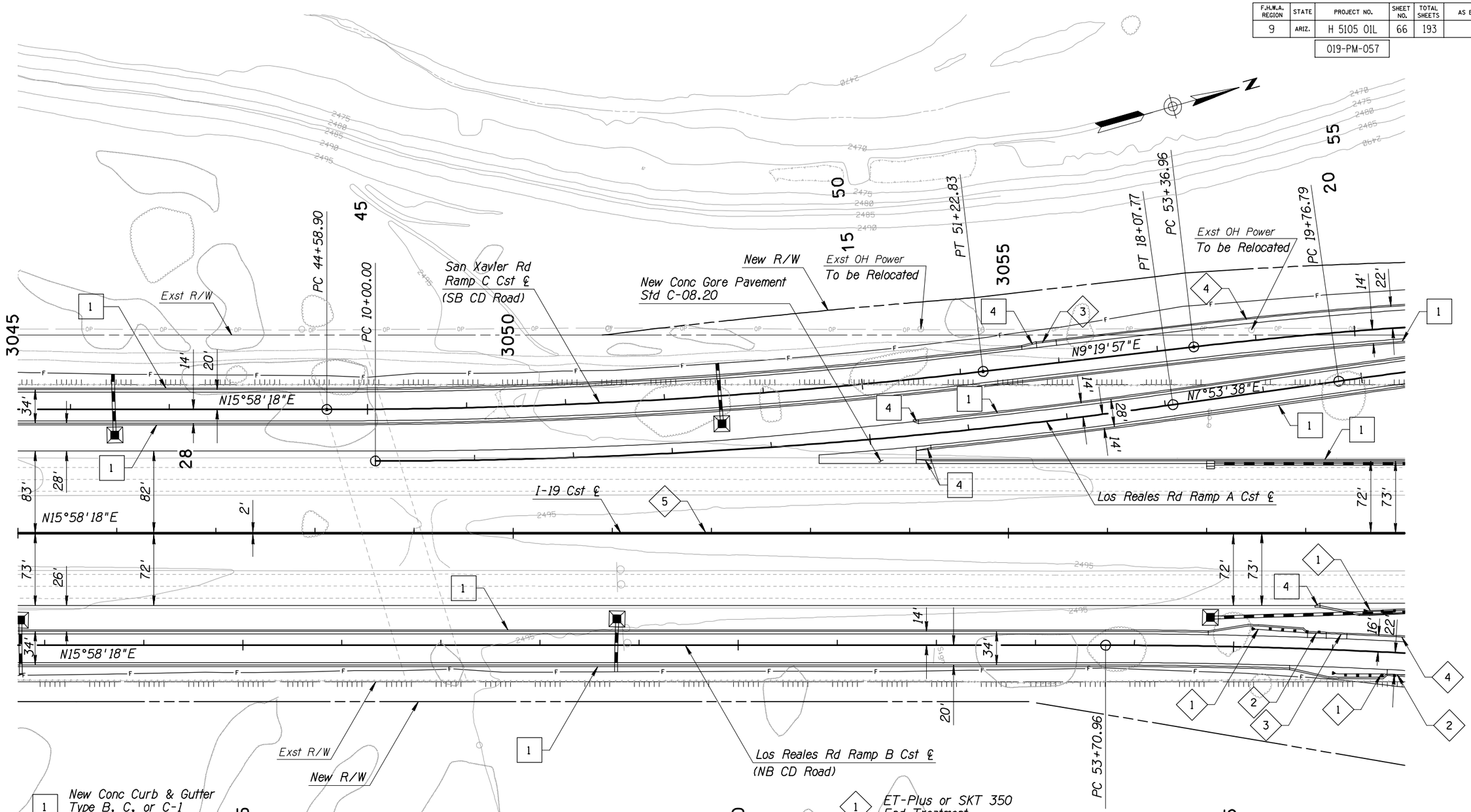
SHEETC-2.060F C-2.31

65 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105p06.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	66	193	

019-PM-057



1 New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 New Conc Curb & Gutter Transition ADOT Std C-05.12

1 ET-Plus or SKT 350 End Treatment

2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

3 New Conc Barrier Transition

4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

5 New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3045+00 TO 3059+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-2.07 OF C-2.31

66 OF 193

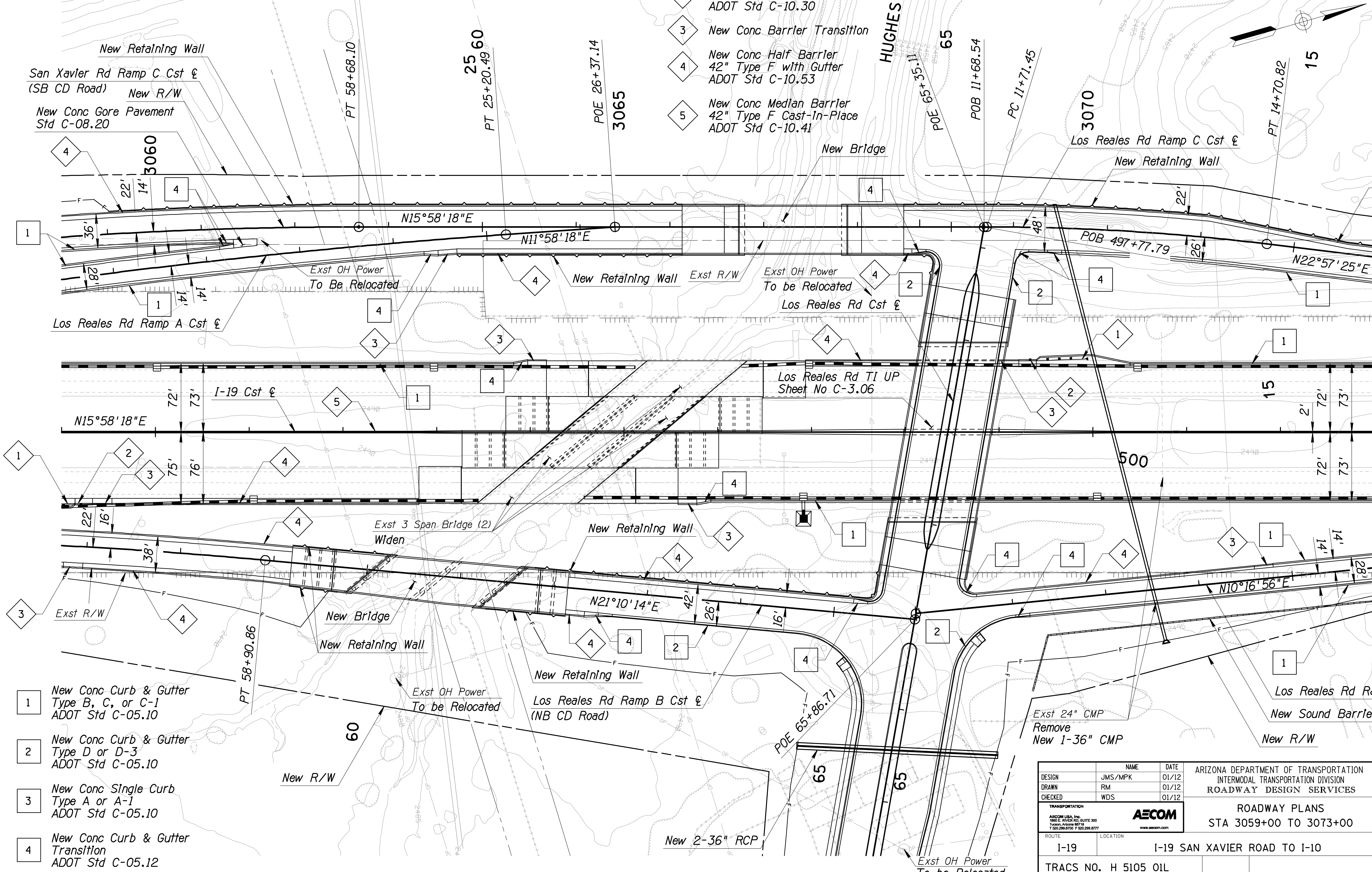
1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105p07.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	67	193	

019-PM-057

1. ET-Plus or SKT 350 End Treatment
2. Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
3. New Conc Barrier Transition
4. New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
5. New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41



1. New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
2. New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
3. New Conc Single Curb Type A or A-1 ADOT Std C-05.10
4. New Conc Curb & Gutter Transition ADOT Std C-05.12

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

AECOM USA, Inc. Tucson, Arizona

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3059+00 TO 3073+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE: I-19 | LOCATION: I-19 SAN XAVIER ROAD TO I-10

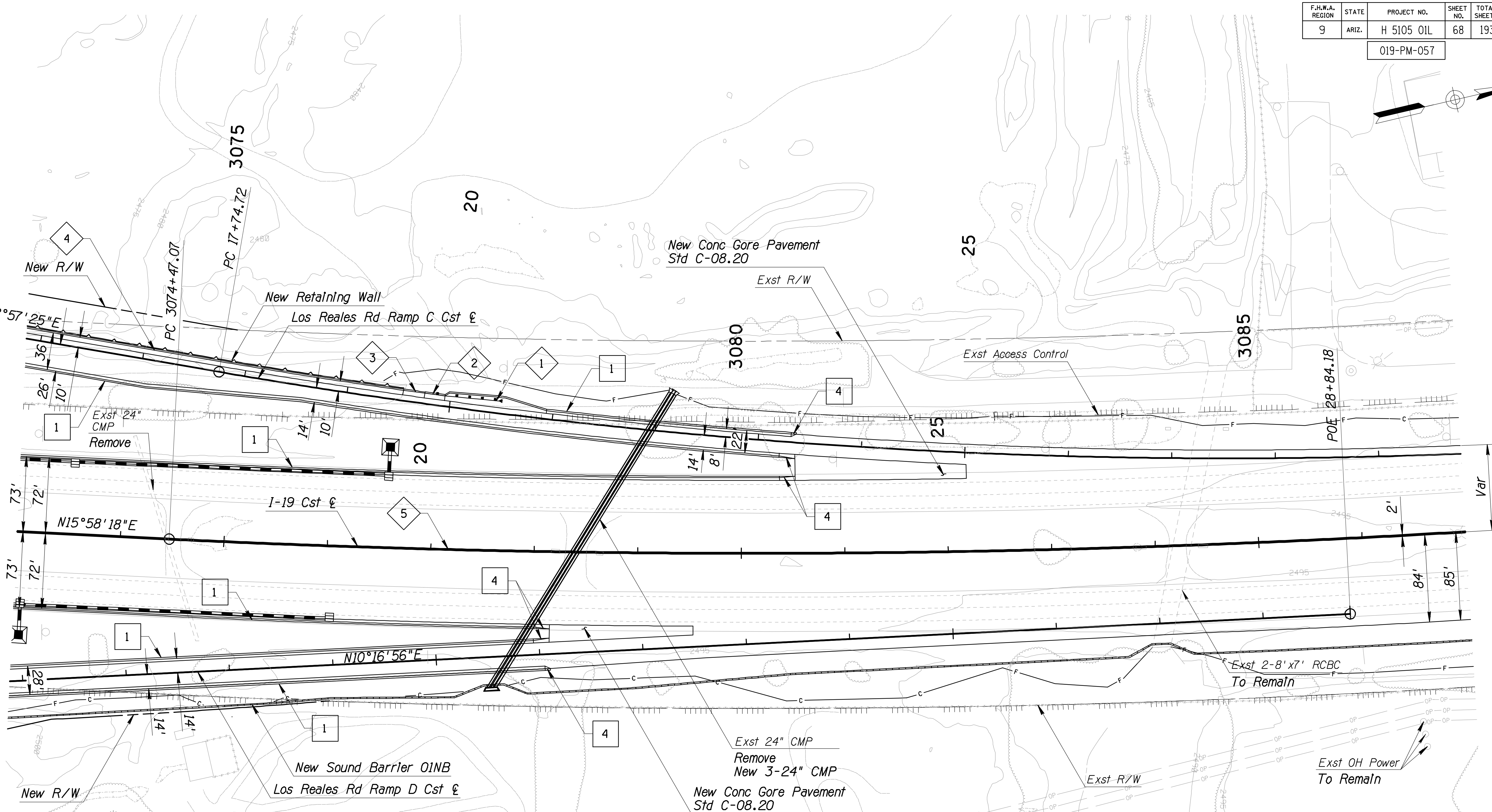
SHEET C-2.080F C-2.31

TRACS NO. H 5105 01L

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105p08.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	68	193	

019-PM-057



Symbol	Description
1 (box)	New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
2 (box)	New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
3 (box)	New Conc Single Curb Type A or A-1 ADOT Std C-05.10
4 (box)	New Conc Curb & Gutter Transition ADOT Std C-05.12
1 (diamond)	ET-Plus or SKT 350 End Treatment
2 (diamond)	Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
3 (diamond)	New Conc Barrier Transition
4 (diamond)	New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
5 (diamond)	New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3073+00 TO 3087+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

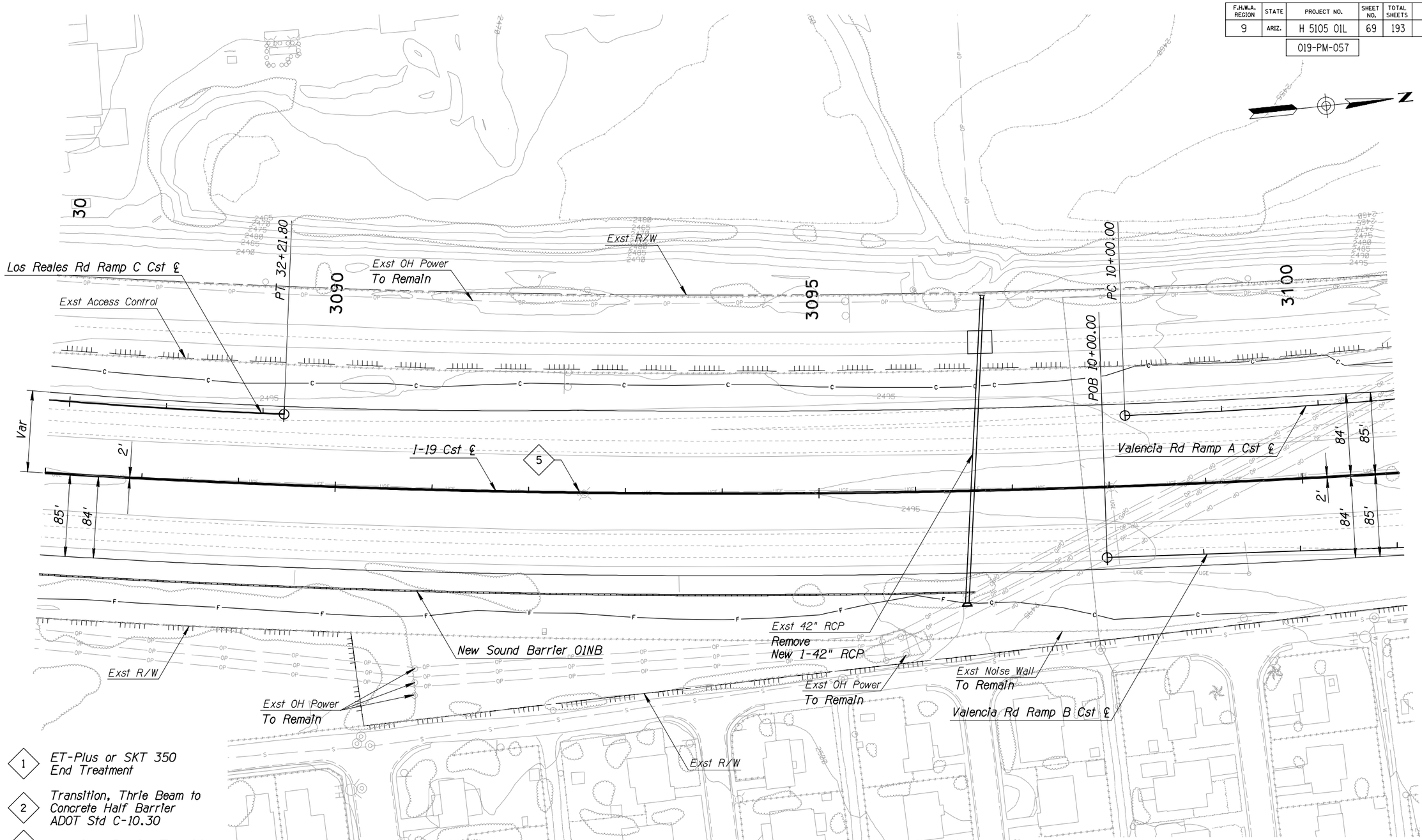
SHEETC-2.090F C-2.31

TRACS NO. H 5105 01L

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105p09.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	69	193	

019-PM-057



1. ET-Plus or SKT 350 End Treatment
2. Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
3. New Conc Barrier Transition
4. New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
5. New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3087+00 TO 3101+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-2.10 OF C-2.31

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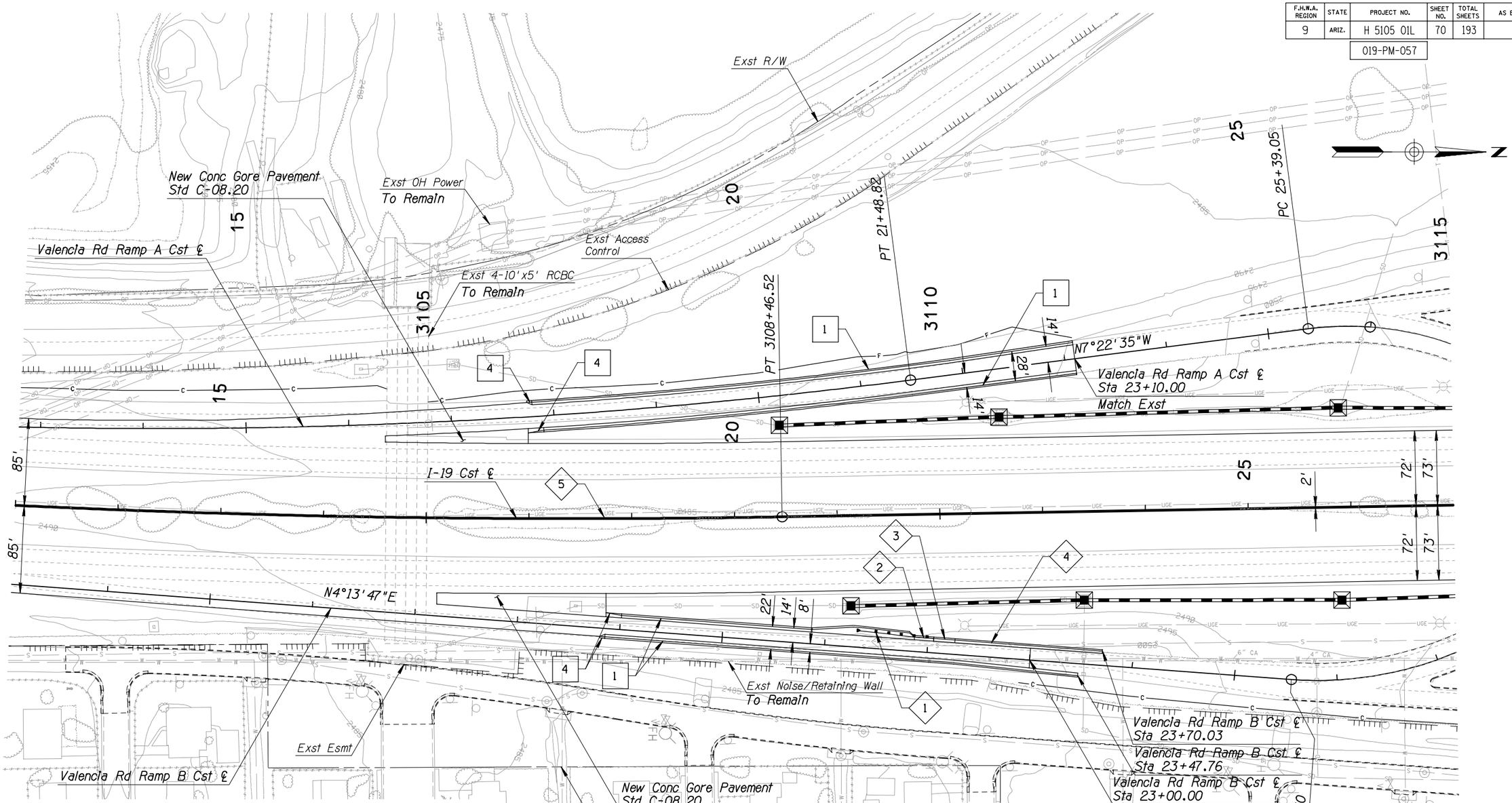
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105p10.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	70	193	

019-PM-057

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



1	New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
2	New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
3	New Conc Single Curb Type A or A-1 ADOT Std C-05.10
4	New Conc Curb & Gutter Transition ADOT Std C-05.12

1	ET-Plus or SKT 350 End Treatment
2	Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
3	New Conc Barrier Transition
4	New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
5	New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3101+00 TO 3115+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-2.11 OF C-2.31

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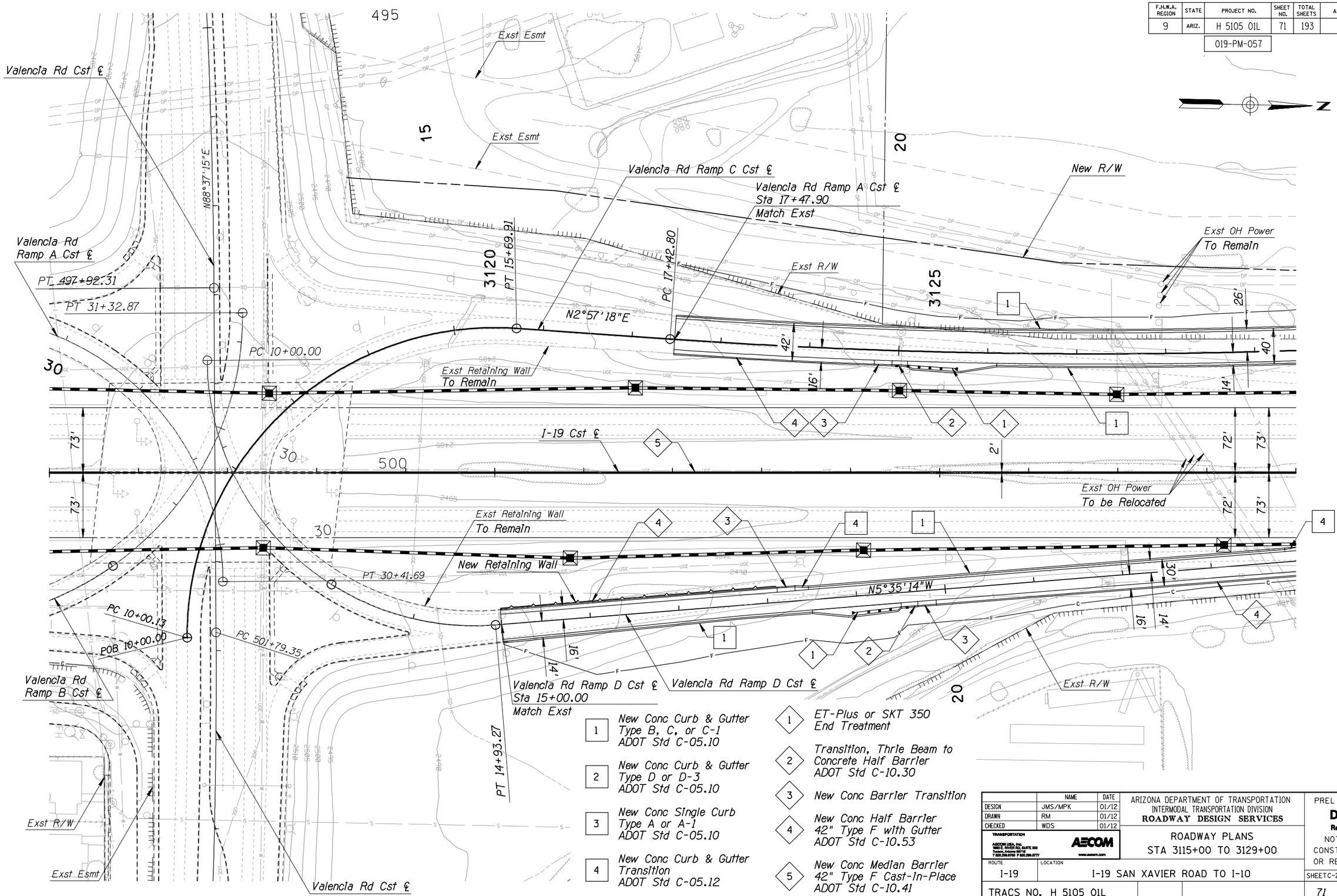
1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105p11.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	71	193	
		019-PM-057			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.



1	New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
2	New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
3	New Conc Single Curb Type A or A-1 ADOT Std C-05.10
4	New Conc Curb & Gutter Transition ADOT Std C-05.12

1	ET-Plus or SKT 350 End Treatment
2	Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
3	New Conc Barrier Transition
4	New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
5	New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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1800 E. RIVER RD, SUITE 300
Tucson, Arizona 85718
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3115+00 TO 3129+00

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

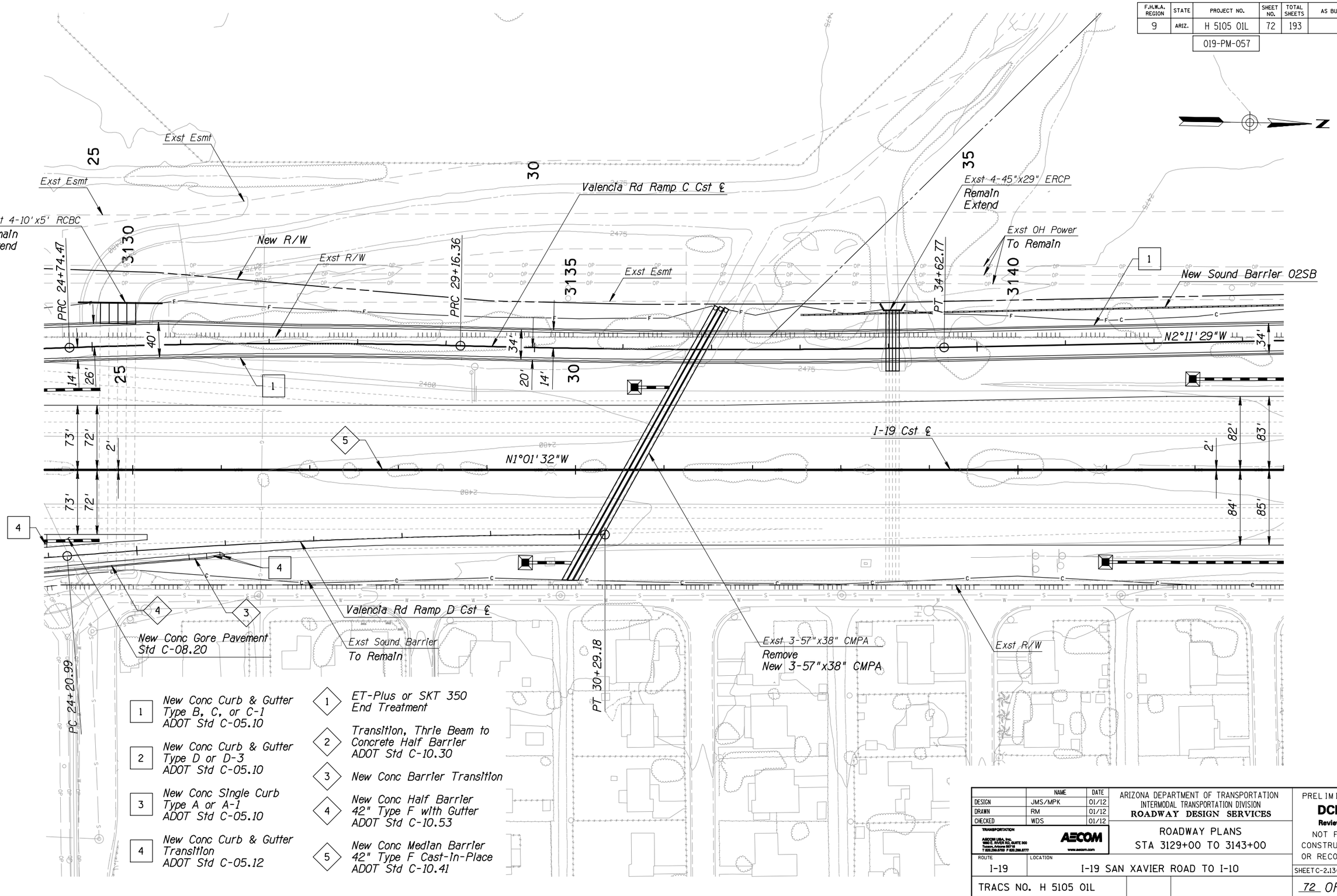
SHEET C-2.12 OF C-2.31

71 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105p12.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	72	193	

019-PM-057



1 New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 New Conc Curb & Gutter Transition ADOT Std C-05.12

1 ET-Plus or SKT 350 End Treatment

2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

3 New Conc Barrier Transition

4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

5 New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3129+00 TO 3143+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-2.13 OF C-2.31

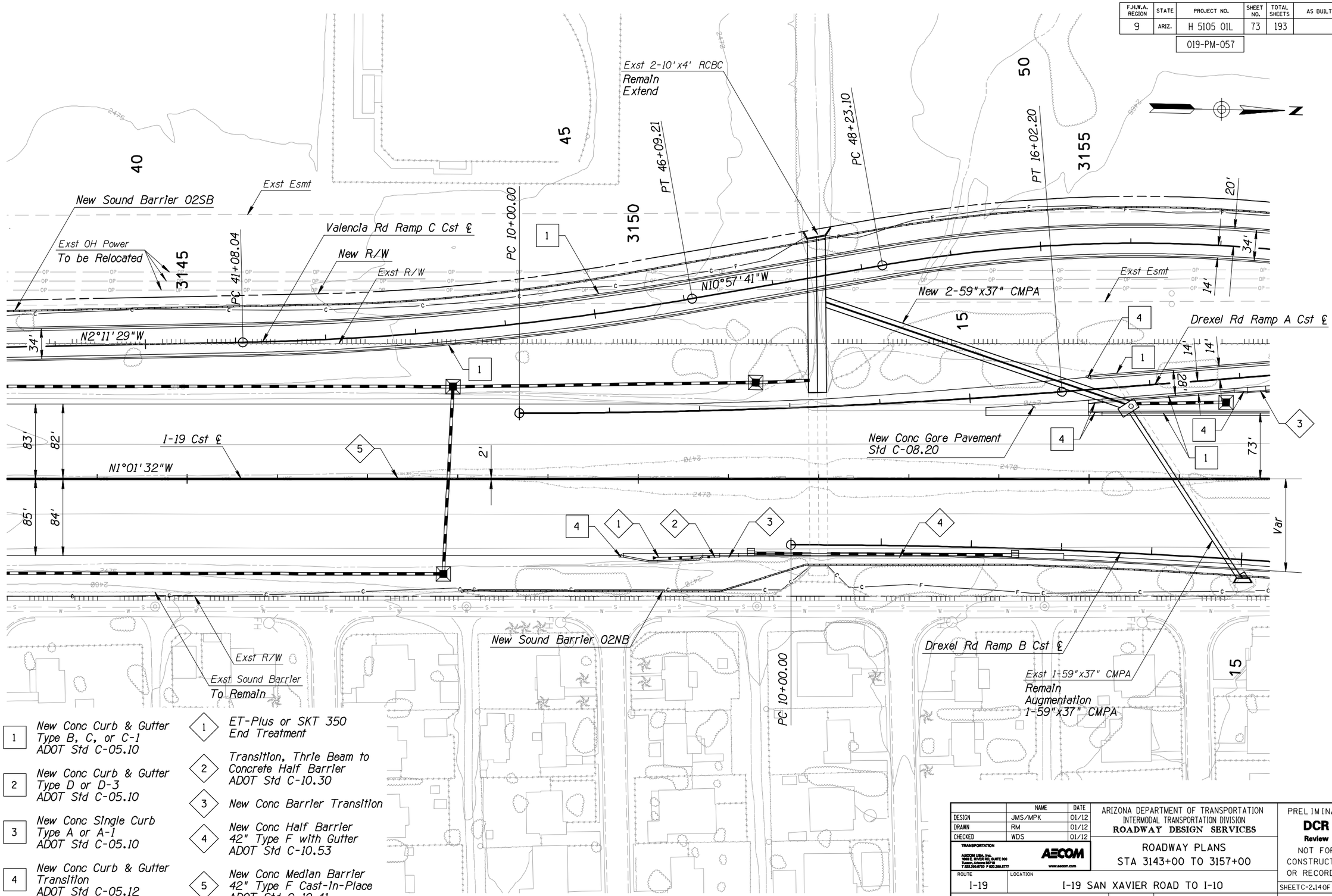
72 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105p13.dgn

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	73	193	
		019-PM-057			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO. | DATE-



1	New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
2	New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
3	New Conc Single Curb Type A or A-1 ADOT Std C-05.10
4	New Conc Curb & Gutter Transition ADOT Std C-05.12

1	ET-Plus or SKT 350 End Treatment
2	Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
3	New Conc Barrier Transition
4	New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
5	New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3143+00 TO 3157+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

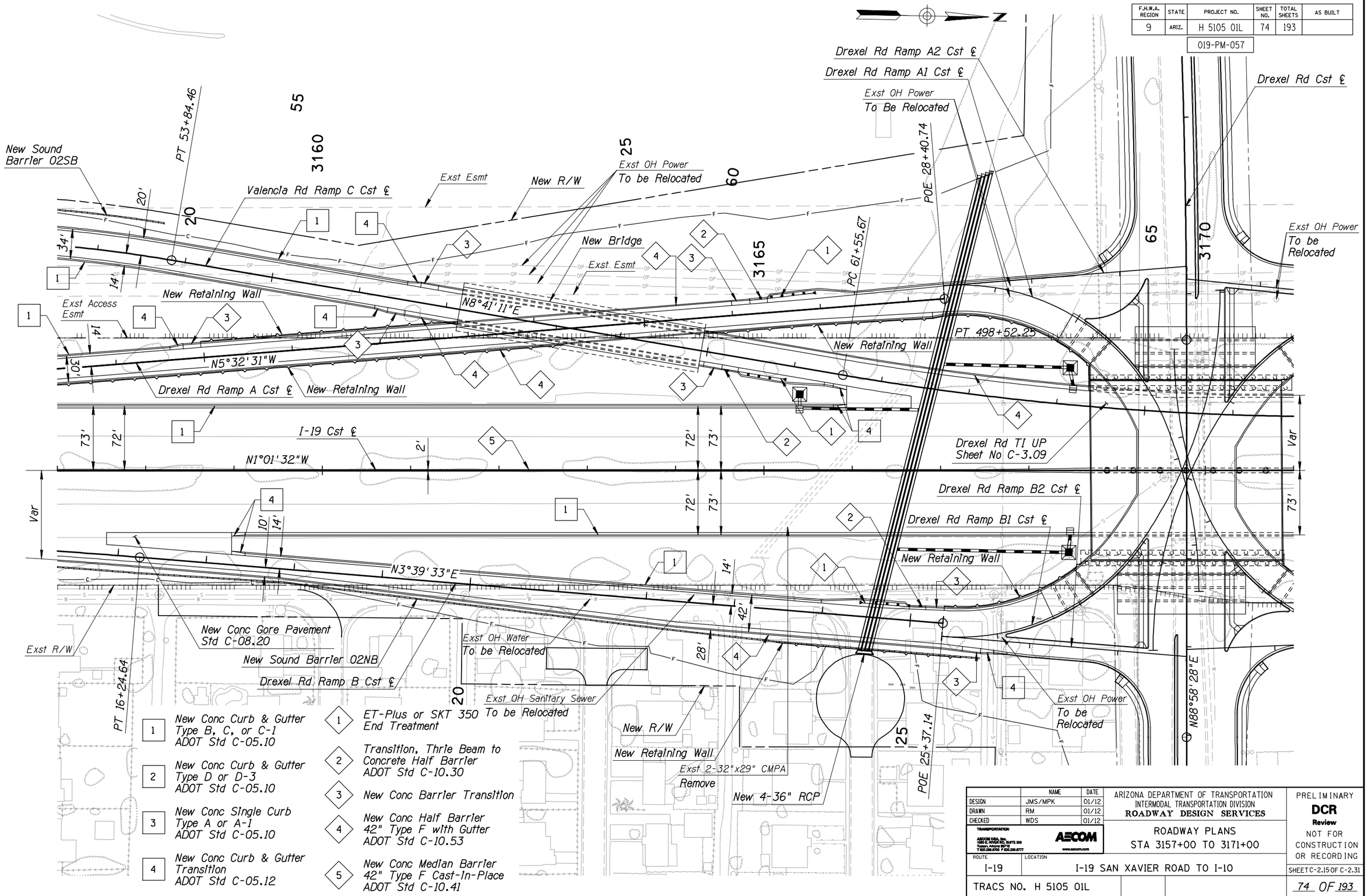
SHEET C-2.14 OF C-2.31

73 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105p14.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	74	193	

019-PM-057



1. New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
2. New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
3. New Conc Single Curb Type A or A-1 ADOT Std C-05.10
4. New Conc Curb & Gutter Transition ADOT Std C-05.12

1. ET-Plus or SKT 350 End Treatment
2. Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
3. New Conc Barrier Transition
4. New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
5. New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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1100 E. RIVER RD, SUITE 300
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3157+00 TO 3171+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-2.15 OF C-2.31

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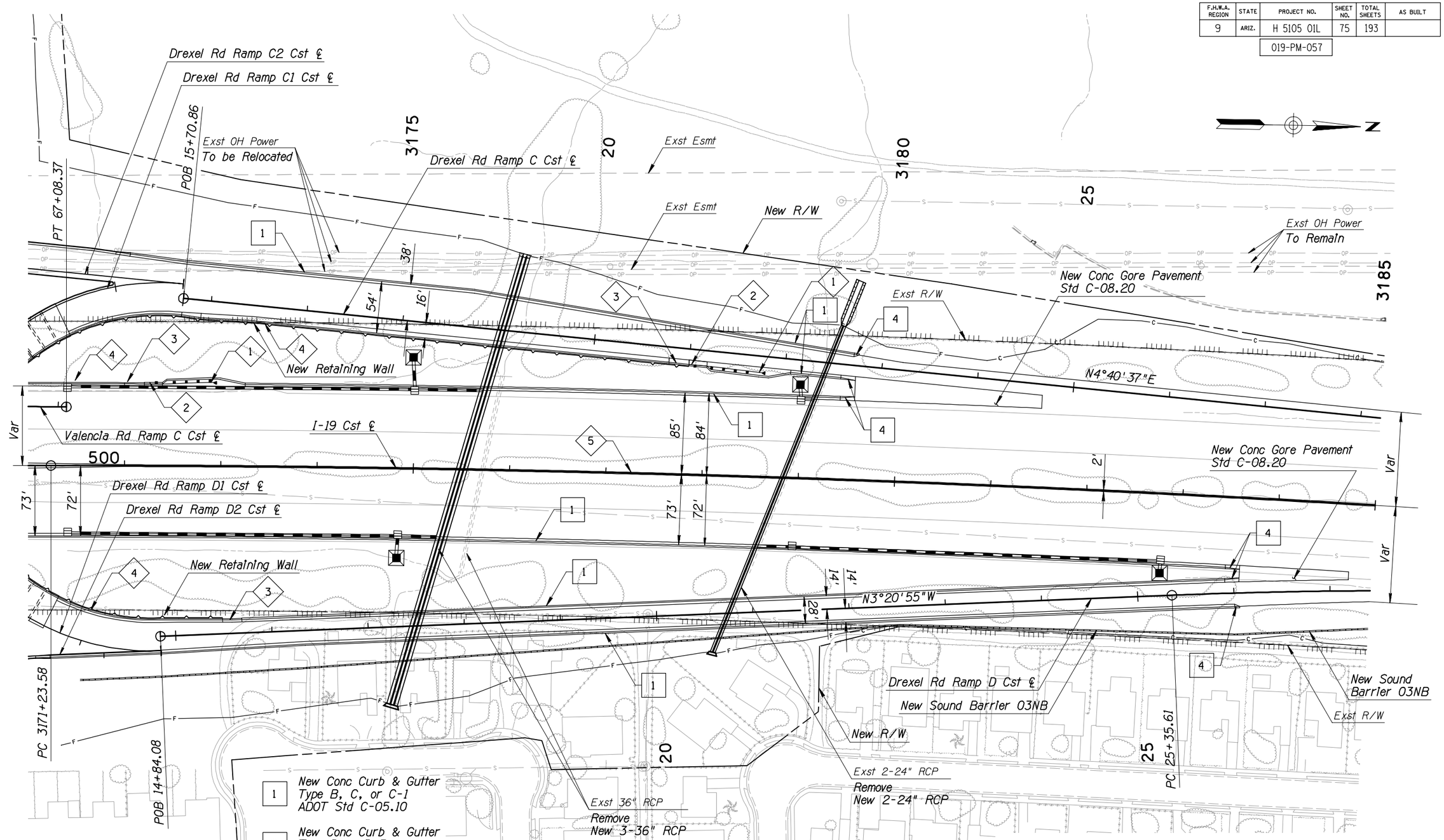
1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105p15.dgn

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	75	193	
		019-PM-057			



1. New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
2. New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
3. New Conc Single Curb Type A or A-1 ADOT Std C-05.10
4. New Conc Curb & Gutter Transition ADOT Std C-05.12

1. ET-Plus or SKT 350 End Treatment
2. Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
3. New Conc Barrier Transition

4. New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
5. New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3171+00 TO 3185+00

ROUTE: I-19 | LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-2.16 OF C-2.31

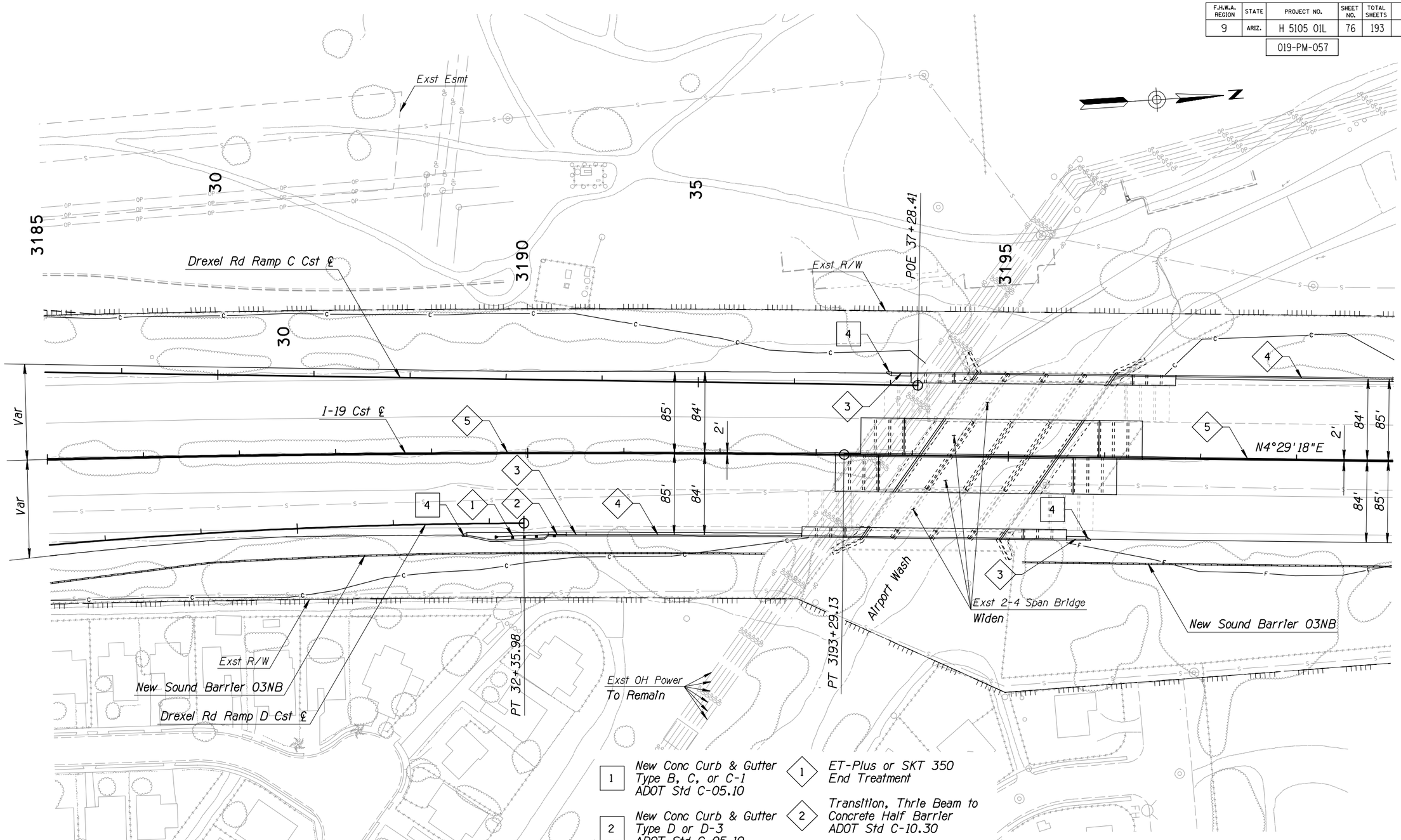
75 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105p16.dgn

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	76	193	
		019-PM-057			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO. | DATE-



1 New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 New Conc Curb & Gutter Transition ADOT Std C-05.12

1 ET-Plus or SKT 350 End Treatment

2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

New Conc Barrier Transition

4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

5 New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3185+00 TO 3199+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-2.17 OF C-2.31

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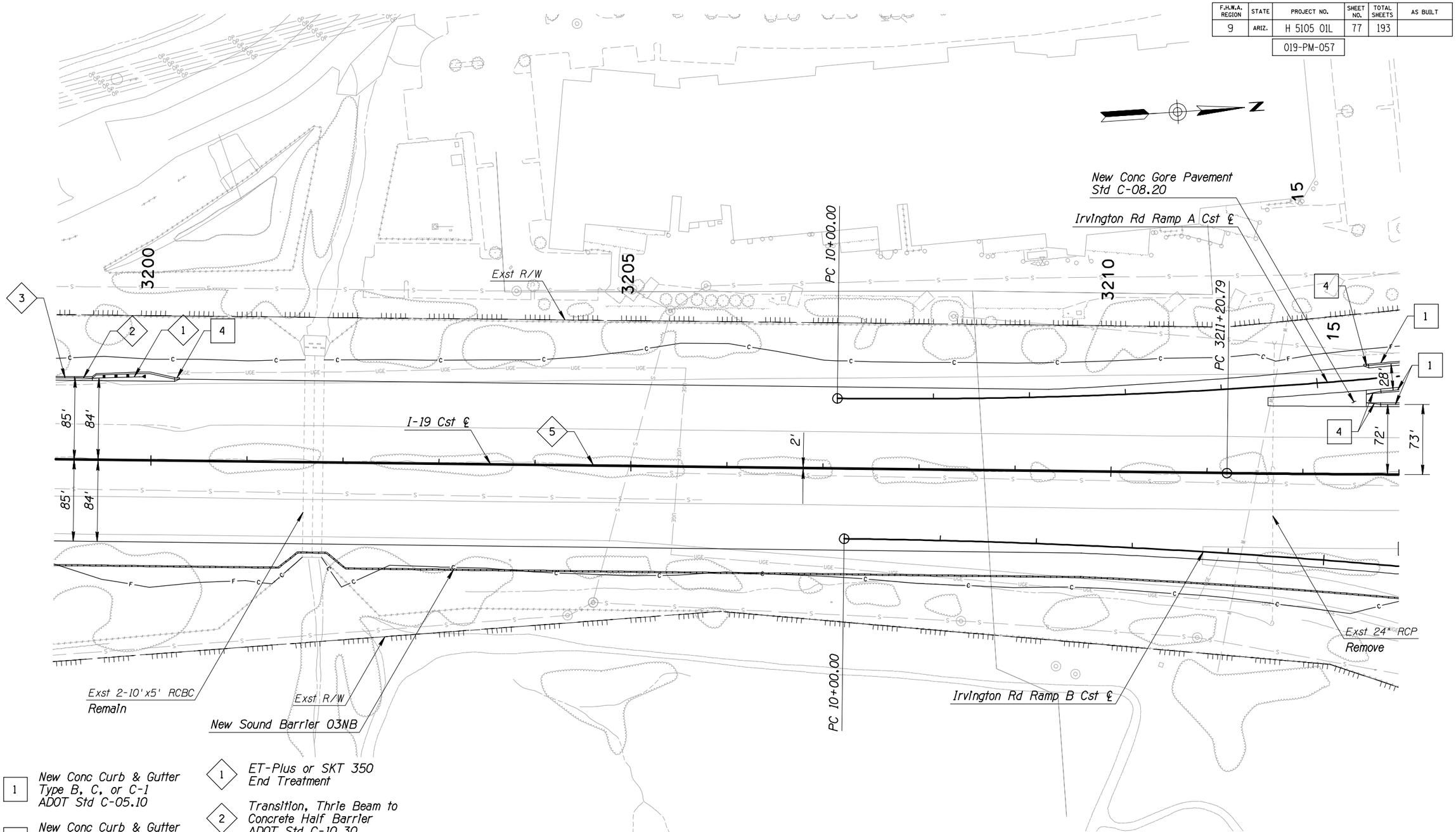
1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105p17.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	77	193	

019-PM-057

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



1 New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 New Conc Curb & Gutter Transition ADOT Std C-05.12

1 ET-Plus or SKT 350 End Treatment

2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

3 New Conc Barrier Transition

4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

5 New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3199+00 TO 3213+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-2.18 OF C-2.31

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1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105p18.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	78	193	
		019-PM-057			

1 New Conc Curb & Gutter
Type B, C, or C-1
ADOT Std C-05.10

2 New Conc Curb & Gutter
Type D or D-3
ADOT Std C-05.10

3 New Conc Single Curb
Type A or A-1
ADOT Std C-05.10

4 New Conc Curb & Gutter
Transition
ADOT Std C-05.12

N

New Retaining Wall

PT 495+53.53

Irvington Rd Cst ℄

Irvington Rd Ramp C2 Cst ℄

Irvington Rd Ramp C1 Cst ℄

New R/W

Exst R/W

POB 10+00.00

N89°10'39"E

3225

Exst 3-10'x7' RCBC
Remove
New 4-10'x6' RCBC

PT 20+85.98

POE 23+43.89

3220

3215

Irvington Rd Ramp A Cst ℄

Exst R/W

N6°22'17"W

Irvington Rd Ramp C Cst ℄

16'

42'

14'

28'

16'

New Retaining Wall

New Retaining Wall

Irvington Rd Ramp A2 Cst ℄

Irvington Rd Ramp A1 Cst ℄

I-19 Cst ℄

73'

72'

2'

500

72'

73'

New Conc Gore Pavement
Std C-08.20

Irvington Rd TI UP
Sheet No C-3.13

New Retaining Wall

New Retaining Wall

14'

26'

40'

Var

Irvington Rd
Ramp D Cst ℄

PT 16+28.28

Irvington Rd Ramp B Cst ℄

New Sound Barrier 03NB

POE 23+58.78

PC 502+59.42

PT 503+74.07

POB 15+49.71

Irvington Rd Ramp B1 Cst ℄

Irvington Rd Ramp B2 Cst ℄

Irvington Rd Ramp D1 Cst ℄

Irvington Rd Ramp D2 Cst ℄

Exst R/W

1 ET-Plus or SKT 350
End Treatment

2 Transition, Thrie Beam to
Concrete Half Barrier
ADOT Std C-10.30

3 New Conc Barrier Transition

4 New Conc Half Barrier
42" Type F with Gutter
ADOT Std C-10.53

5 New Conc Median Barrier
42" Type F Cast-In-Place
ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3213+00 TO 3227+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-2.19 OF C-2.31

78 OF 193

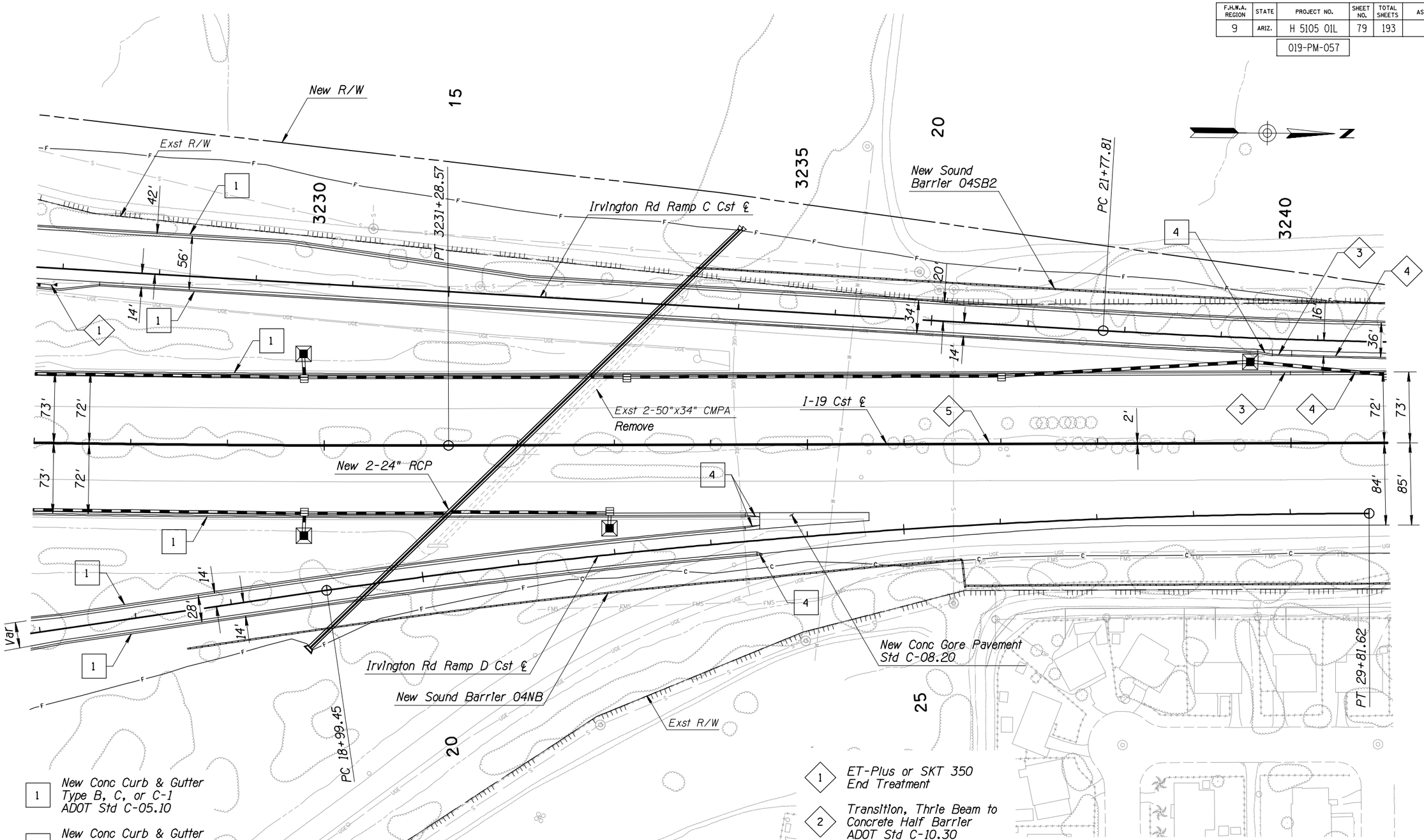
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105p19.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	79	193	

019-PM-057

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



1 New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 New Conc Curb & Gutter Transition ADOT Std C-05.12

1 ET-Plus or SKT 350 End Treatment

2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

3 New Conc Barrier Transition

4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

5 New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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1900 E. RIVER RD, SUITE 305
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3227+00 TO 3241+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEETC-2.200F C-2.31

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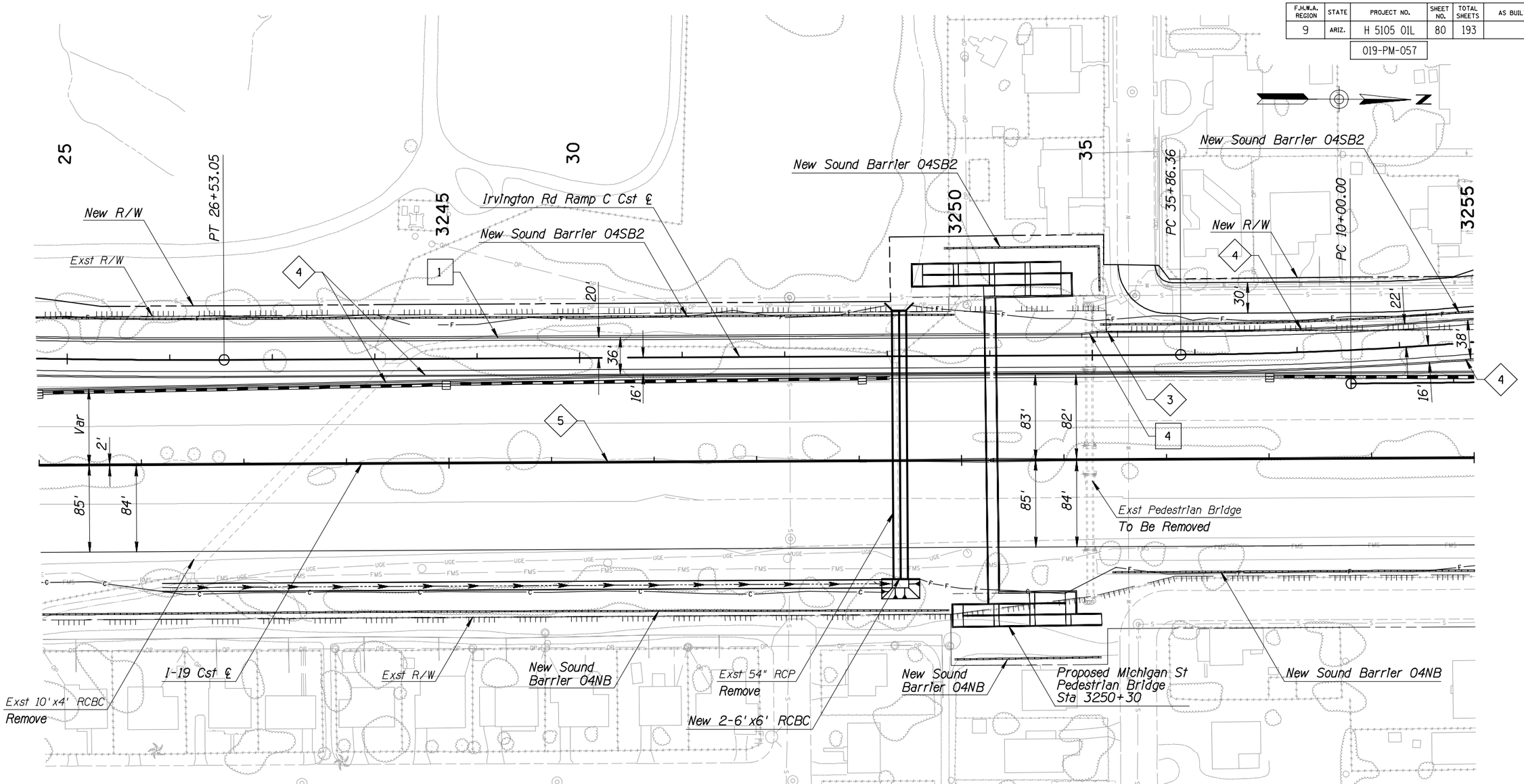
1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105p20.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	80	193	

019-PM-057

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



1 New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 New Conc Curb & Gutter Transition ADOT Std C-05.12

1 ET-Plus or SKT 350 End Treatment

2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

3 New Conc Barrier Transition

4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

5 New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3241+00 TO 3255+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-2.21 OF C-2.31

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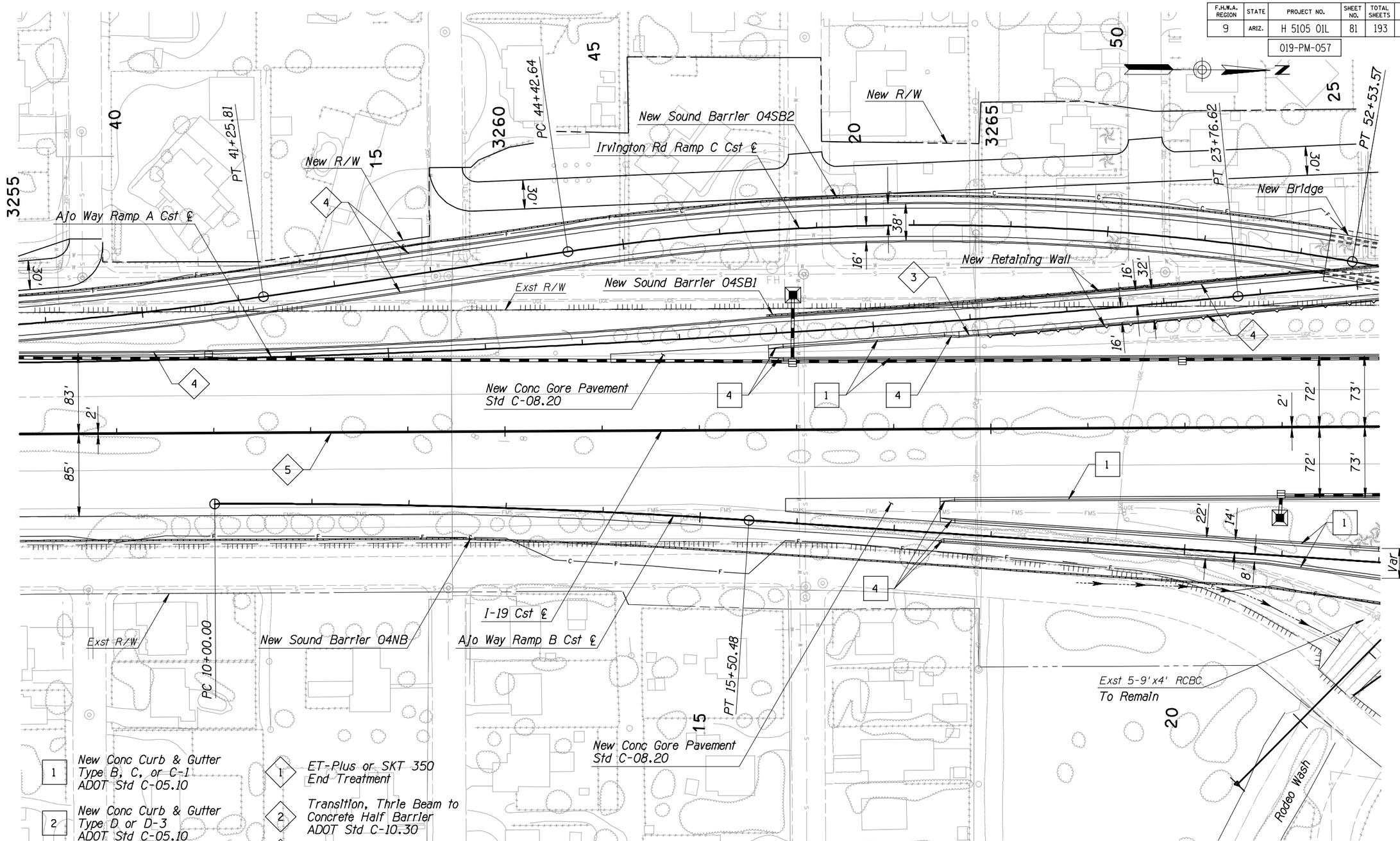
1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105p21.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	81	193	

019-PM-057

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



1	New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
2	New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
3	New Conc Single Curb Type A or A-1 ADOT Std C-05.10
4	New Conc Curb & Gutter Transition ADOT Std C-05.12

1	ET-Plus or SKT 350 End Treatment
2	Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
3	New Conc Barrier Transition
4	New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
5	New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3255+00 TO 3269+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

SHEETC-2.220F C-2.31

81 OF 193

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	82	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

Exst R/W
New R/W
Ajo Way Ramp A2 Cst ℄
Ajo Way Ramp A1 Cst ℄
New Conc Drainage Channel
Ajo Way Ramp C2 Cst ℄
Ajo Way Ramp C1 Cst ℄
Ajo Way Ramp C3 Cst ℄
New Sound Barrier 04SB2
PC 55+81.50
30'
Ajo Way Ramp A Cst ℄
New Retaining Wall
New Retaining Wall
Exst 24" RCP
Remove
New Bridge
PC 498+78.55
PT 61+61.74
I-19 Cst ℄
New Conc Gore Pavement
Std C-08.20
New 9'x5' RCBC
PT 500+80.94
Ajo Way TI UP
Sheet No C-3.17
Irvington Rd Ramp C Cst ℄
New Retaining Wall
Ajo Way Ramp D Cst ℄
Exst 5-9'x4' RCBC
To Remain
Ajo Way Ramp B Cst ℄
Ajo Way Ramp B1 Cst ℄
Ajo Way Ramp B2 Cst ℄
New Sound Barrier 04NB
Ajo Way Ramp D
19N-10E Cst ℄
New R/W
Exst R/W
Ajo Way Ramp D1 Cst ℄
Ajo Way Ramp D2 Cst ℄
PC 16+65.01
PC 10+00.00
Ajo Way Cst ℄
N87°42'44"E

1 New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
2 New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
3 New Conc Single Curb Type A or A-1 ADOT Std C-05.10
4 New Conc Curb & Gutter Transition ADOT Std C-05.12

1 ET-Plus or SKT 350 End Treatment
2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
3 New Conc Barrier Transition
4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
5 New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3269+00 TO 3283+00

ROUTE: I-19 | LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEETC-2.23OF C-2.31

82 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105p23.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	83	193	
		019-PM-057			

Exst R/W
PC 21+18.57
New R/W
Ajo Way Ramp C3 Cst ℄
Future Outfall Channel by Others
New 2-6'x6' RCBC
I-19 NB Cst ℄
Ramp 19N-10E Cst ℄
I-19 Cst ℄
I-19 SB Cst ℄
New Conc Gore Pavement Std C-08.20
New Retaining Wall
PT 18+27.20
New Retaining Wall
New R/W
New Retaining Wall
PC 3284+19.56
PC 10+00.00
Exst Billboard Remove
Ajo Way Ramp D Cst ℄
PT 16+24.46
New Bridge
Ajo Way Ramp D 19N-10E Cst ℄
PC 22+00.72
PT 29+90.33
PC 31+65.70

1	New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
2	New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
3	New Conc Single Curb Type A or A-1 ADOT Std C-05.10
4	New Conc Curb & Gutter Transition ADOT Std C-05.12

1	ET-Plus or SKT 350 End Treatment
2	Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
3	New Conc Barrier Transition
4	New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
5	New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3283+00 TO 3297+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING
SHEETC-2.240F C-2.31

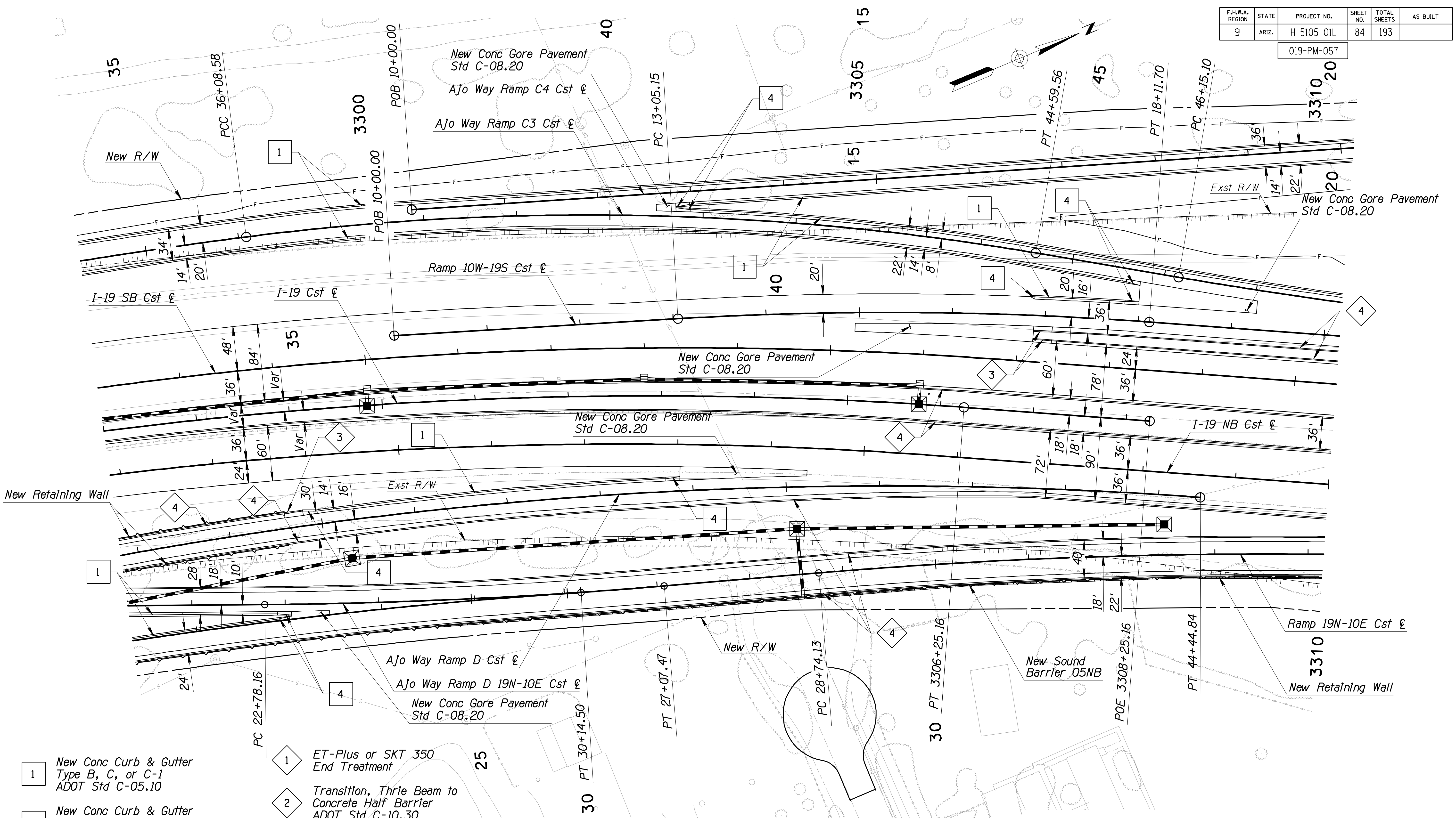
83 OF 193

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105p24.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	84	193	

019-PM-057



1	New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
2	New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
3	New Conc Single Curb Type A or A-1 ADOT Std C-05.10
4	New Conc Curb & Gutter Transition ADOT Std C-05.12

◇1	ET-Plus or SKT 350 End Treatment
◇2	Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
◇3	New Conc Barrier Transition
◇4	New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
◇5	New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3297+00 TO 3308+25.16

ROUTE I-19
LOCATION I-19 SAN XAVIER ROAD TO I-10

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-2.25 OF C-2.31

TRACS NO. H 5105 01L

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105p25.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	85	193	
		019-PM-057			

New R/W
Ajo Way Ramp C4 Cst ℄
New Bridge
New Retaining Wall
Exst R/W
PT 51+62.84
PC 24+97.64
PC 25+94.54
Ajo Way Ramp C3 Cst ℄
I-19 SB Cst ℄
Exst Bridge Widen
Ramp 10W-19S Cst ℄
PT 34+35.53
I-19 SB CST ℄
STA 3318+77.66
END CONSTRUCTION
Match Exst
N27°2'26"E
I-19 NB Cst ℄
Exst 4-10'x6' RCBC
Extend
New R/W
PT 37+75.88
New Sound Barrier 05NB
Ramp 19N-10E Cst ℄
PC 46+63.63
I-19 NB CST ℄
STA 3319+21.00
END CONSTRUCTION
Match Exst
Exst R/W

1 New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
2 New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
3 New Conc Single Curb Type A or A-1 ADOT Std C-05.10
4 New Conc Curb & Gutter Transition ADOT Std C-05.12

1 ET-Plus or SKT 350 End Treatment
2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
3 New Conc Barrier Transition
4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
5 New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3310+00 TO 3325+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
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SHEETC-2.26OF C-2.31

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1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105p26.dgn

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO. | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	86	193	

019-PM-057

1 — New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 — New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 — New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 — New Conc Curb & Gutter Transition ADOT Std C-05.12

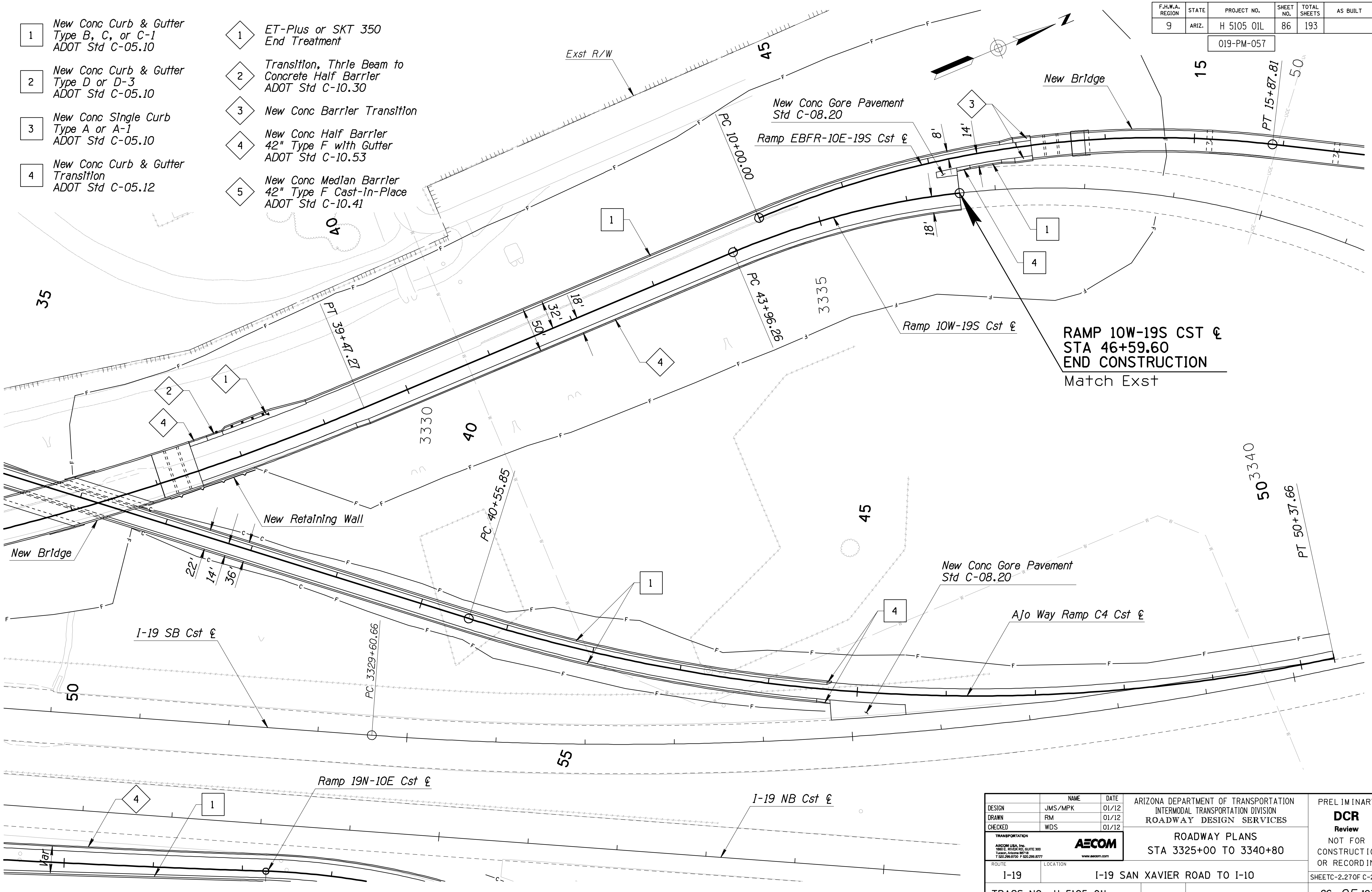
◇1 — ET-Plus or SKT 350 End Treatment

◇2 — Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

◇3 — New Conc Barrier Transition

◇4 — New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

◇5 — New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

AECOM

ROADWAY PLANS
STA 3325+00 TO 3340+80

ROUTE: I-19 — LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-2.27 OF C-2.31

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105p27.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	87	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

RAMP EBFR-10E-19S CST ℄
STA 30+72.50
END CONSTRUCTION
Match Exst

PT 32+35.55

New 10'x6' RCBC

New Bridge

Exst R/W

New R/W

PC 20+15.56

26' 10' 16'

22' 14' 8'

New Conc Gore Pavement
Std C-08.20

Ramp EBFR-10E-19S Cst ℄

PT 3350+33.47

Exst Bridge
To Remain

Ramp 10W-19S Cst ℄

I-19 SB Cst ℄

20 25 30 55 3345 3350

1 New Conc Curb & Gutter
Type B, C, or C-1
ADOT Std C-05.10

2 New Conc Curb & Gutter
Type D or D-3
ADOT Std C-05.10

3 New Conc Single Curb
Type A or A-1
ADOT Std C-05.10

4 New Conc Curb & Gutter
Transition
ADOT Std C-05.12

◇1 ET-Plus or SKT 350
End Treatment

◇2 Transition, Thrie Beam to
Concrete Half Barrier
ADOT Std C-10.30

◇3 New Conc Barrier Transition

◇4 New Conc Half Barrier
42" Type F with Gutter
ADOT Std C-10.53

◇5 New Conc Median Barrier
42" Type F Cast-In-Place
ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM
AECOM USA, Inc.
7720 E. RIVER RD, SUITE 300
TUCSON, AZ 85715
T 520.298.8700 F 520.298.8777
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 3340+80 TO 3350+33.47

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEETC-2.28OF C-2.31

87 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105p28.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	88	193	
		019-PM-057			

Ajo Way
Ramp C4 Cst ℄

I-19 SB Cst ℄

I-19 NB Cst ℄

Ramp 19N-10E Cst ℄

New Sound Barrier 05NB

PC 3329+60.66

PCC 52+26.34

22'

14'

28'

18'

10'

3335

3330

50

55

60

65

N

Exst R/W

1	New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
2	New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
3	New Conc Single Curb Type A or A-1 ADOT Std C-05.10
4	New Conc Curb & Gutter Transition ADOT Std C-05.12

1	ET-Plus or SKT 350 End Treatment
2	Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
3	New Conc Barrier Transition
4	New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
5	New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1880 E. RIVER RD., SUITE 300
Tucson, Arizona 85718
T 520.299.8700 F 520.299.8777
AECOM
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 50+00.00 TO 67+00.00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

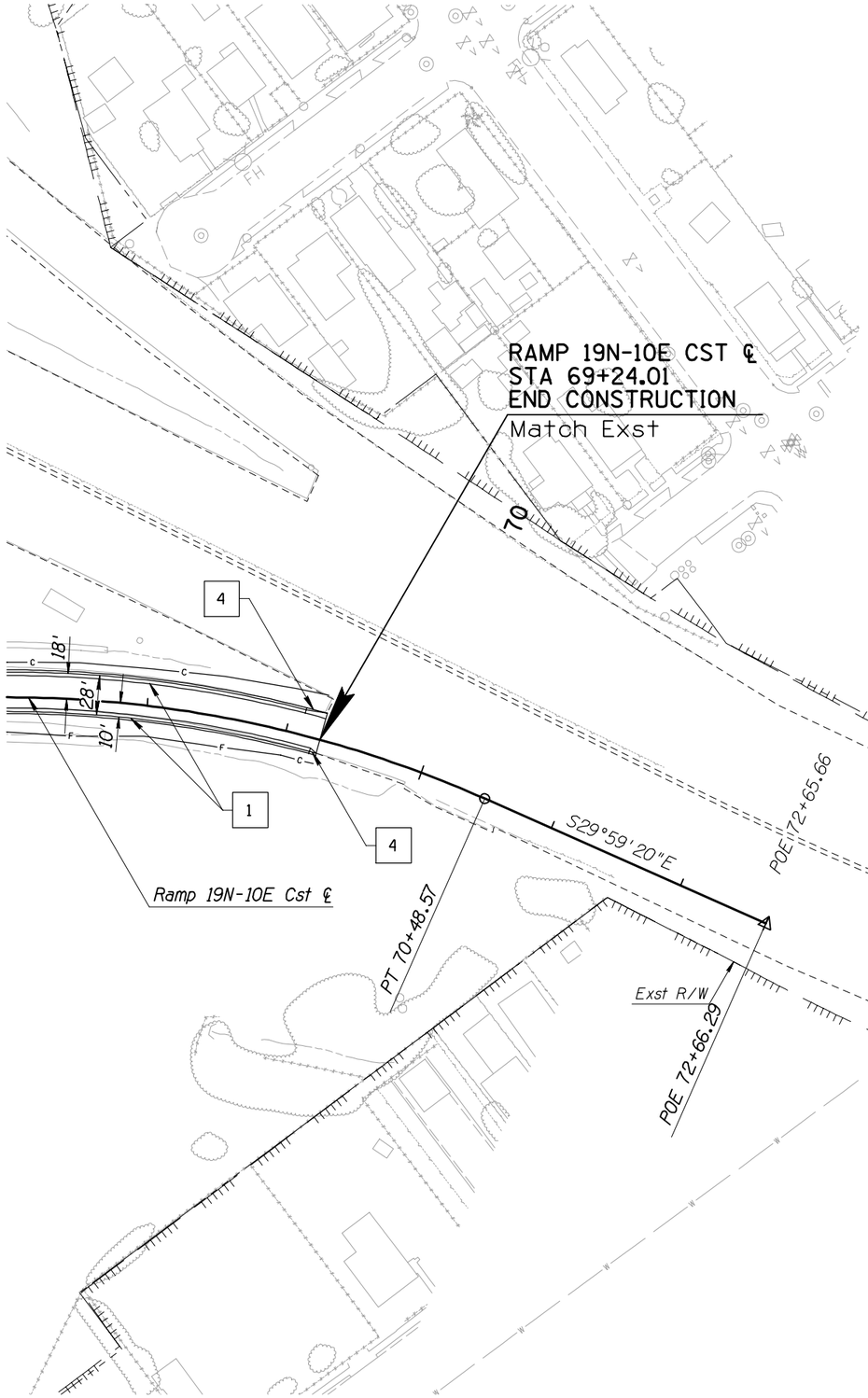
SHEETC-2.29OF C-2.31

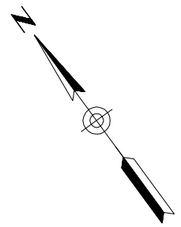
88 OF 193

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105p29.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	89	193	
		019-PM-057			





1 *New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10*

2 *New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10*

3 *New Conc Single Curb Type A or A-1 ADOT Std C-05.10*

4 *New Conc Curb & Gutter Transition ADOT Std C-05.12*

◇1 *ET-Plus or SKT 350 End Treatment*

◇2 *Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30*

◇3 *New Conc Barrier Transition*

◇4 *New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53*

◇5 *New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41*

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM
AECOM USA, Inc.
1900 E. RIVER RD, SUITE 305
Tucson, Arizona 85718
T 520.290.6700 F 520.290.6777
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
STA 67+00 TO 72+65.66

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEETC-2.30OF C-2.31

89 OF 193

SURVEY NO. | DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105p30.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	90	193	

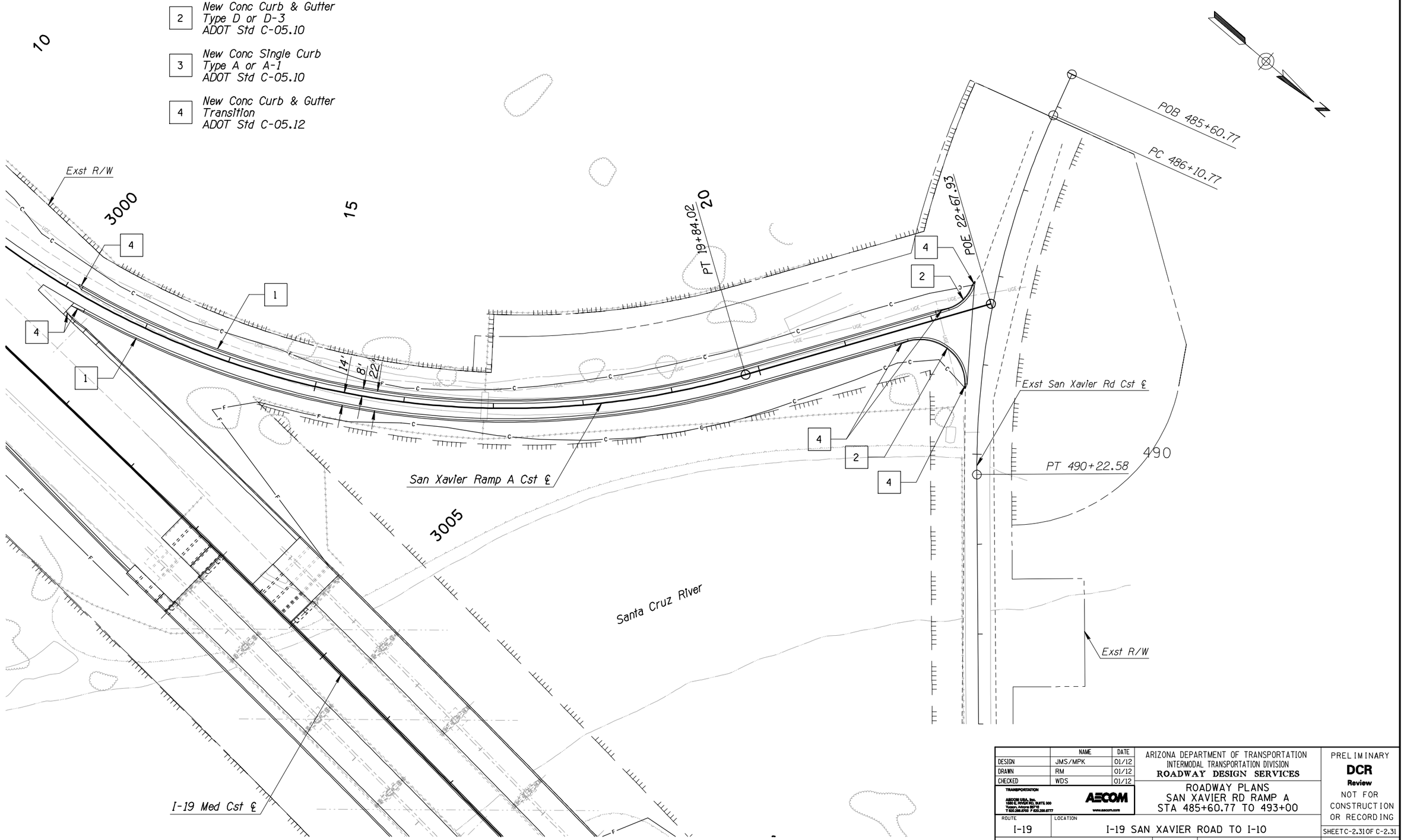
019-PM-057

1 *New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10*

2 *New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10*

3 *New Conc Single Curb Type A or A-1 ADOT Std C-05.10*

4 *New Conc Curb & Gutter Transition ADOT Std C-05.12*



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1100 E. RIVER RD, SUITE 300
Tucson, Arizona 85718
T 520.388.8700 F 520.388.8777
AECOM
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
SAN XAVIER RD RAMP A
STA 485+60.77 TO 493+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-2.31 OF C-2.31

90 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105r01.dgn

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	91	193	
		019-PM-057			

1 New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 New Conc Curb & Gutter Transition ADOT Std C-05.12

1 ET-Plus or SKT 350 End Treatment

2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

3 New Conc Barrier Transition

4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

SAN XAVIER ROAD
STA 494+19.29
BEGIN
CONSTRUCTION
Match Exst

San Xavier Ramp C Cst ℄
(SB CD Road)

Exst R/W

New R/W

PT 14+12.45

I-19 Med Cst ℄

PC 10+99.54

PC 499+12.01

PT 506+12.01

Los Reales Ramp B Cst ℄
(NB CD Road)

Exst San Xavier Rd Cst ℄

POB 9+79.30

N25°49'32"W

N49°10'28"E

N42°10'28"E

New Slope Paving

PT 16+40.54

San Xavier Rd Cst ℄

San Xavier Rd TI OP

PC 10+00.00

495 500 505 10 15 20 3015 3010

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1840 E. RIVER RD, SUITE 300
Tucson, Arizona 85718
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AECOM
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
SAN XAVIER RD
STA 493+00 TO 507+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-3.01 OF C-3.17

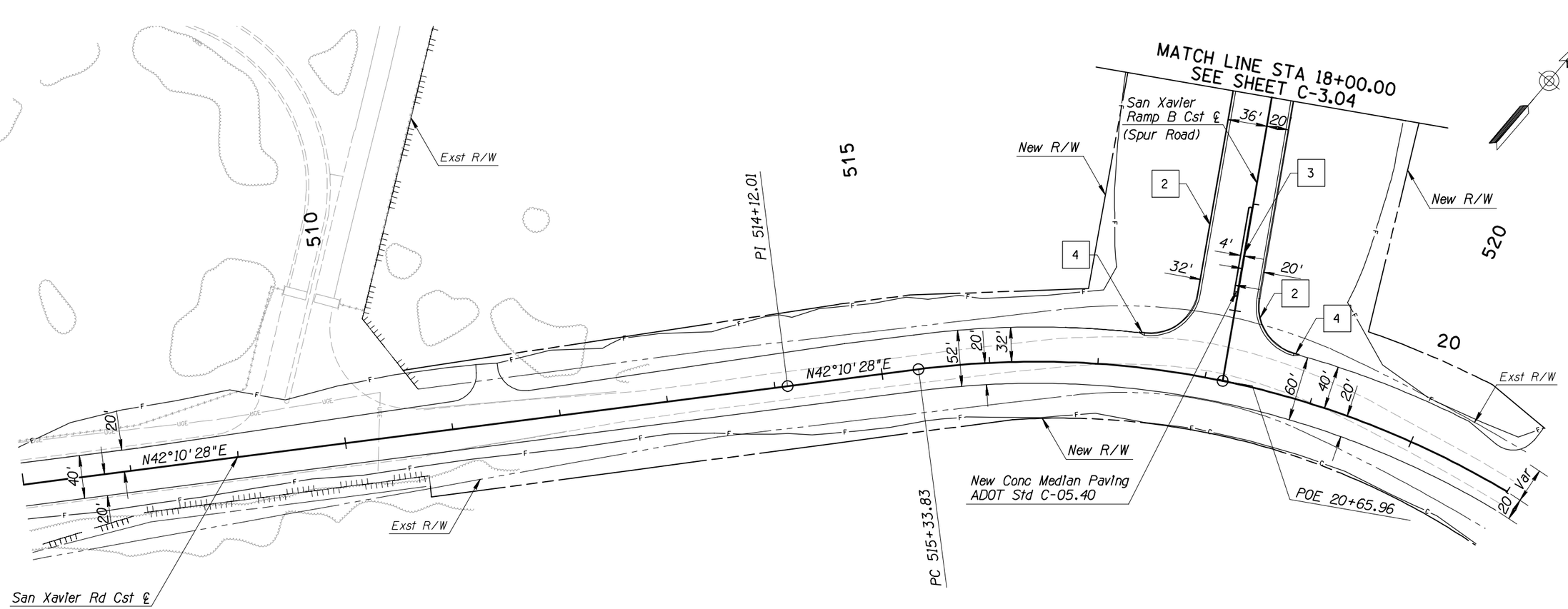
91 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105r02.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	92	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



1 *New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10*

2 *New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10*

3 *New Conc Single Curb Type A or A-1 ADOT Std C-05.10*

4 *New Conc Curb & Gutter Transition ADOT Std C-05.12*

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1900 E. RIVER RD, SUITE 300
Tucson, Arizona 85718
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AECOM
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
SAN XAVIER RD
STA 507+00 TO 521+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

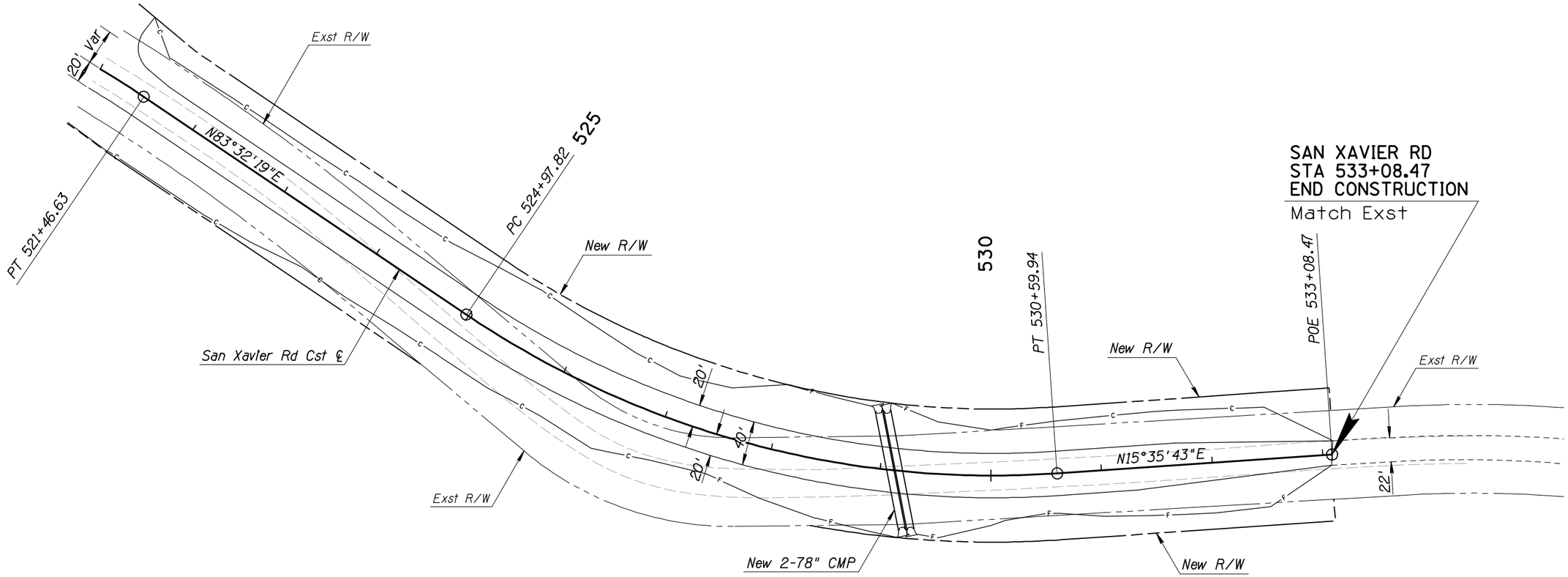
PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEETC-3.020F C-3.17

92 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105r03.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	93	193	
		019-PM-057			



SAN XAVIER RD
STA 533+08.47
END CONSTRUCTION
Match Exst

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1360 E. RYER RD, SUITE 300
Tucson, Arizona 85712
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www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
SAN XAVIER RD
STA 521+00 TO 533+08.47

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

SHEETC-3.030F C-3.17

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SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105r04.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	94	193	
		019-PM-057			

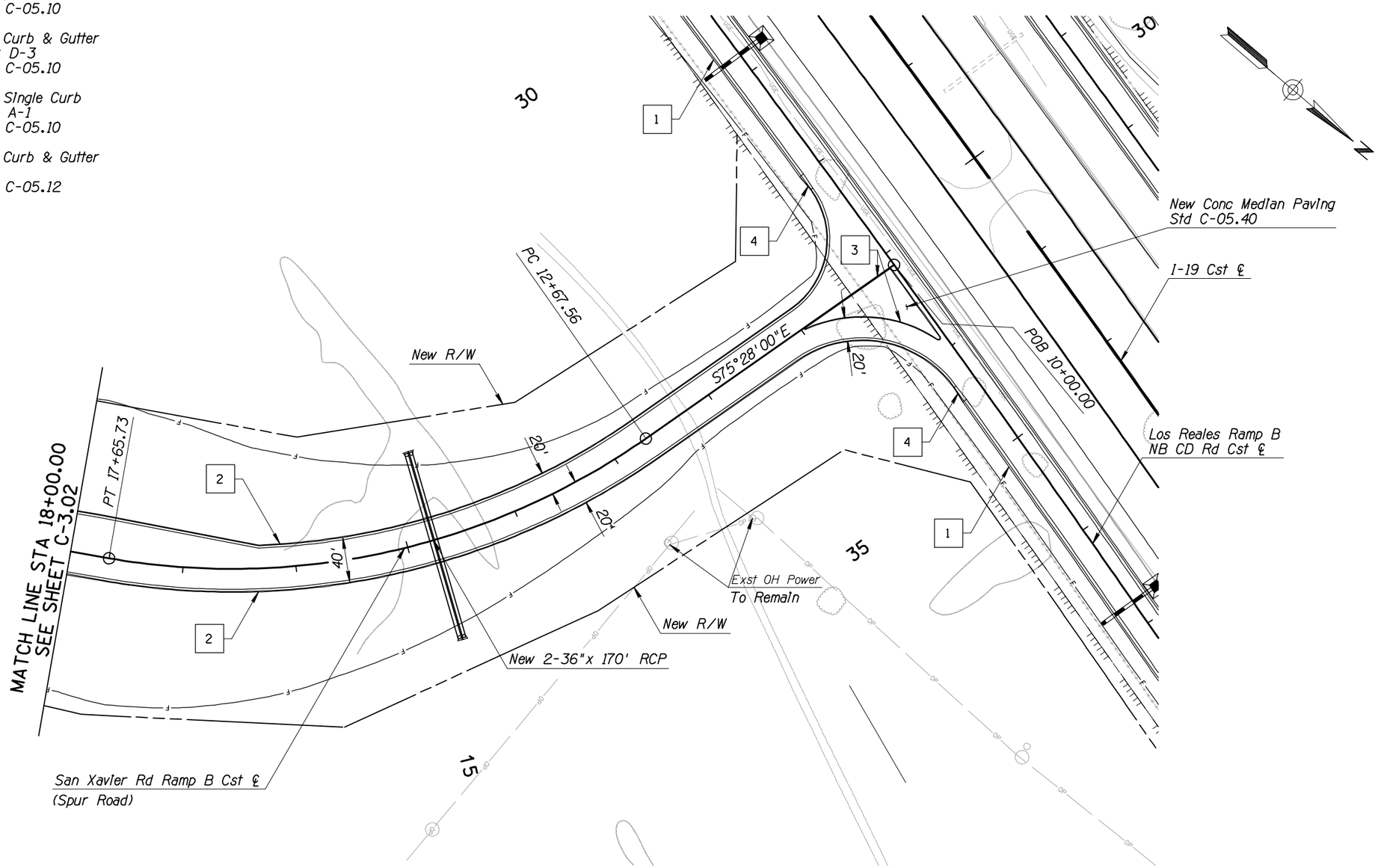
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1 *New Conc Curb & Gutter*
Type B, C, or C-1
ADOT Std C-05.10

2 *New Conc Curb & Gutter*
Type D or D-3
ADOT Std C-05.10

3 *New Conc Single Curb*
Type A or A-1
ADOT Std C-05.10

4 *New Conc Curb & Gutter*
Transition
ADOT Std C-05.12



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1600 E. RIVER RD, SUITE 300
Tucson, Arizona 85718
T 520.388.8700 F 520.388.8777
AECOM
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
SAN XAVIER RAMP B
STA 10+00 TO 18+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

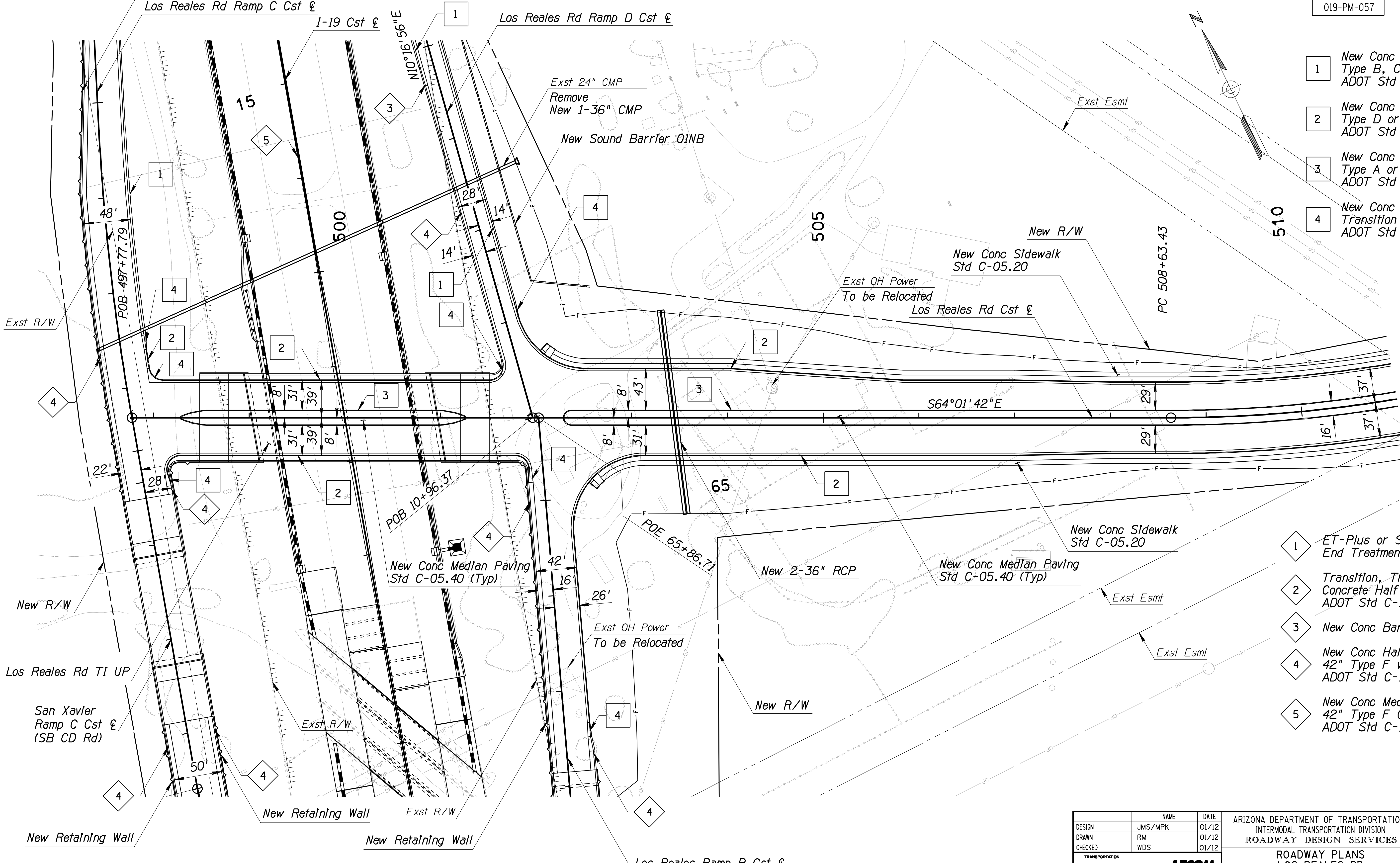
SHEETC-3.04OF C-3.17

94 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105r05.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	95	193	

019-PM-057



1 New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 New Conc Curb & Gutter Transition ADOT Std C-05.12

◇1 ET-Plus or SKT 350 End Treatment

◇2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

◇3 New Conc Barrier Transition

◇4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

◇5 New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION — AECOM USA, Inc. — AECOM

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
LOS REALES RD
STA 497+77.79 TO 511+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE: I-19 — LOCATION: I-19 SAN XAVIER ROAD TO I-10

SHEETC-3.05OF C-3.17

TRACS NO. H 5105 01L

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105r06.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
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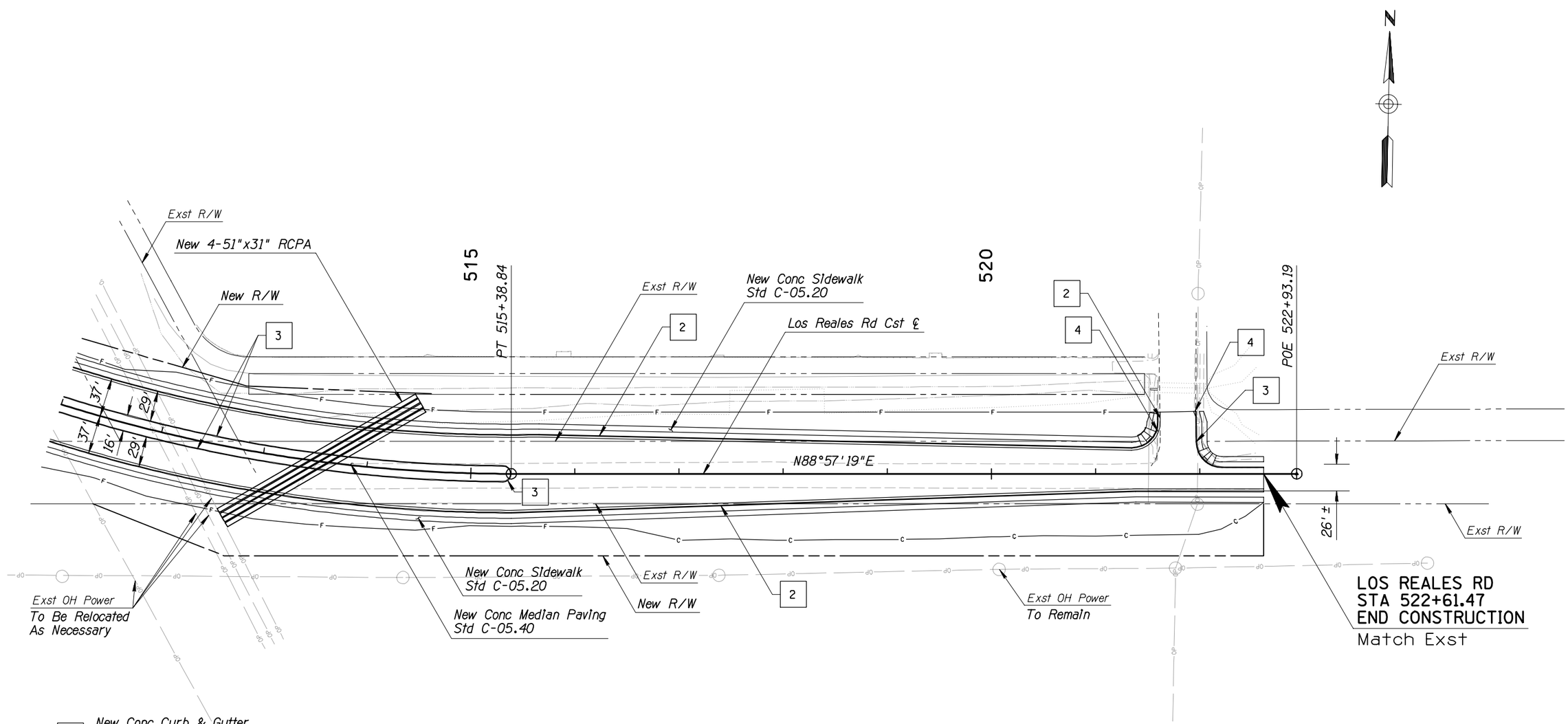
		019-PM-057			



1 New Conc Curb & Gutter
Type B, C, or C-1
ADOT Std C-05.10

2 New Conc Curb & Gutter
Type D or D-3
ADOT Std C-05.10

3 New Conc Single Curb
Type A or A-1
ADOT Std C-05.10

4 New Conc Curb & Gutter
Transition
ADOT Std C-05.12

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1600 E. RIVER RD., SUITE 300
Tucson, Arizona 85718
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AECOM
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
LOS REALES RD
STA 511+00 TO 522+93.19

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEETC-3.060F C-3.17

96 OF 193

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105r07.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	97	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

SHEET INTENTIONALLY LEFT BLANK

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1660 E. RIVER RD, SUITE 300
Tucson, Arizona 85718
T 520.290.8760 F 520.290.8777
AECOM
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
VALENCIA RD
STA 492+88.52 TO 508+15.52

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEETC-3.07OF C-3.17

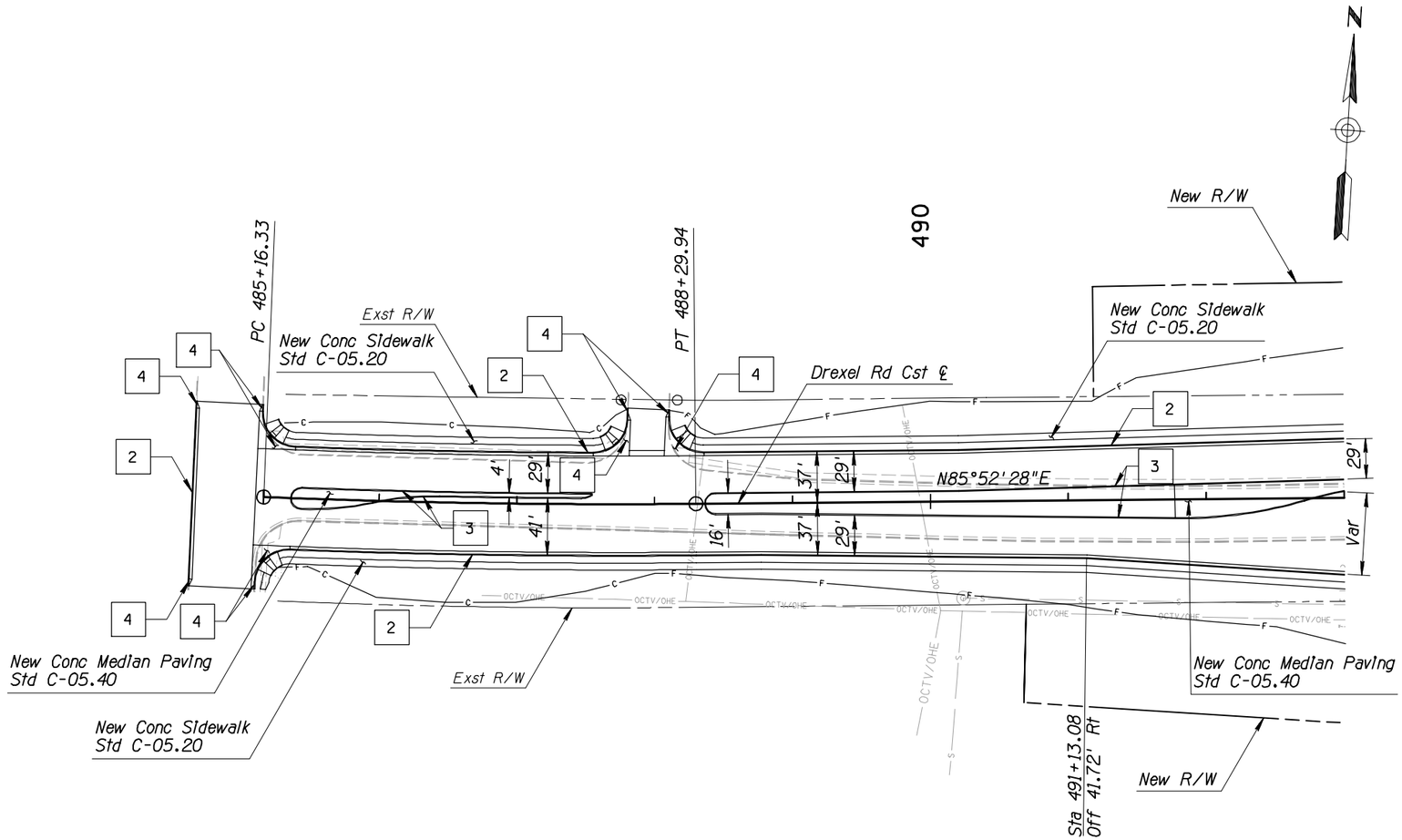
TRACS NO. H 5105 01L

97 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105r08.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	98	193	
		019-PM-057			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.



1 — New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 — New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 — New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 — New Conc Curb & Gutter Transition ADOT Std C-05.12

1 — ET-Plus or SKT 350 End Treatment

2 — Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

3 — New Conc Barrier Transition

4 — New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

5 — New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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1900 E. River Rd, Suite 300
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AECOM
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
DREXEL RD
STA 485+16.33 TO 493+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION	
I-19	I-19 SAN XAVIER ROAD TO I-10	SHEETC-3.08OF C-3.17
TRACS NO. H 5105 01L		98 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105r09.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	99	193	

019-PM-057

1 New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 New Conc Curb & Gutter Transition ADOT Std C-05.12

1 ET-Plus or SKT 350 End Treatment

2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

3 New Conc Barrier Transition

4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

5 New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

6 New Conc Half Barrier 32" Type F Cast-In-Place ADOT Std C-10.50

Drexel Ramp C Cst ℄
Drexel Ramp D Cst ℄
New R/W
Exst Esmt
New Retaining Wall
POB 15+70.86
I-19 Cst ℄
Drexel Ramp C1 Cst ℄
Drexel Ramp C2 Cst ℄
PT 67+08.39
Exst OH Power To Be Relocated
New Conc Median Paving Std C-05.40 (Typ)
Exst R/W
New Conc Sidewalk Std C-05.20 (Typ)
PC 493+20.78
Drexel Ramp A2 Cst ℄
PT 498+52.25
POE 28+40.74
PC 61+55.69
New R/W
Exst Esmt
Drexel Ramp A Cst ℄
Valencia Ramp C Cst ℄
Drexel Ramp A1 Cst
New Conc Median Paving Std C-05.40 (Typ)
New Retaining Wall
Drexel Ramp B1 Cst ℄
New Retaining Wall
Exst OH Power To be Relocated
Drexel Ramp B2 Cst ℄
POE 25+37.14
New R/W
New Retaining Wall
New 4-36" RCP
New Sound Barrier 02NB
Drexel Ramp B Cst ℄
Drexel Rd TI UP
New R/W
New Sound Barrier 03NB
POB 14+84.08
Drexel Ramp D1 Cst ℄
Drexel Ramp D2 Cst ℄
PC 3171+23.58
Exst R/W
Drexel Rd Cst ℄
PRC 506+89.57
N88°58'28"E
PC 503+02.25
Exst R/W
New Conc Median Paving Std C-05.40 (Typ)
New Retaining Wall
495
500
505
15
65
25
3170
3165

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
DREXEL RD
STA 493+00 TO 507+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

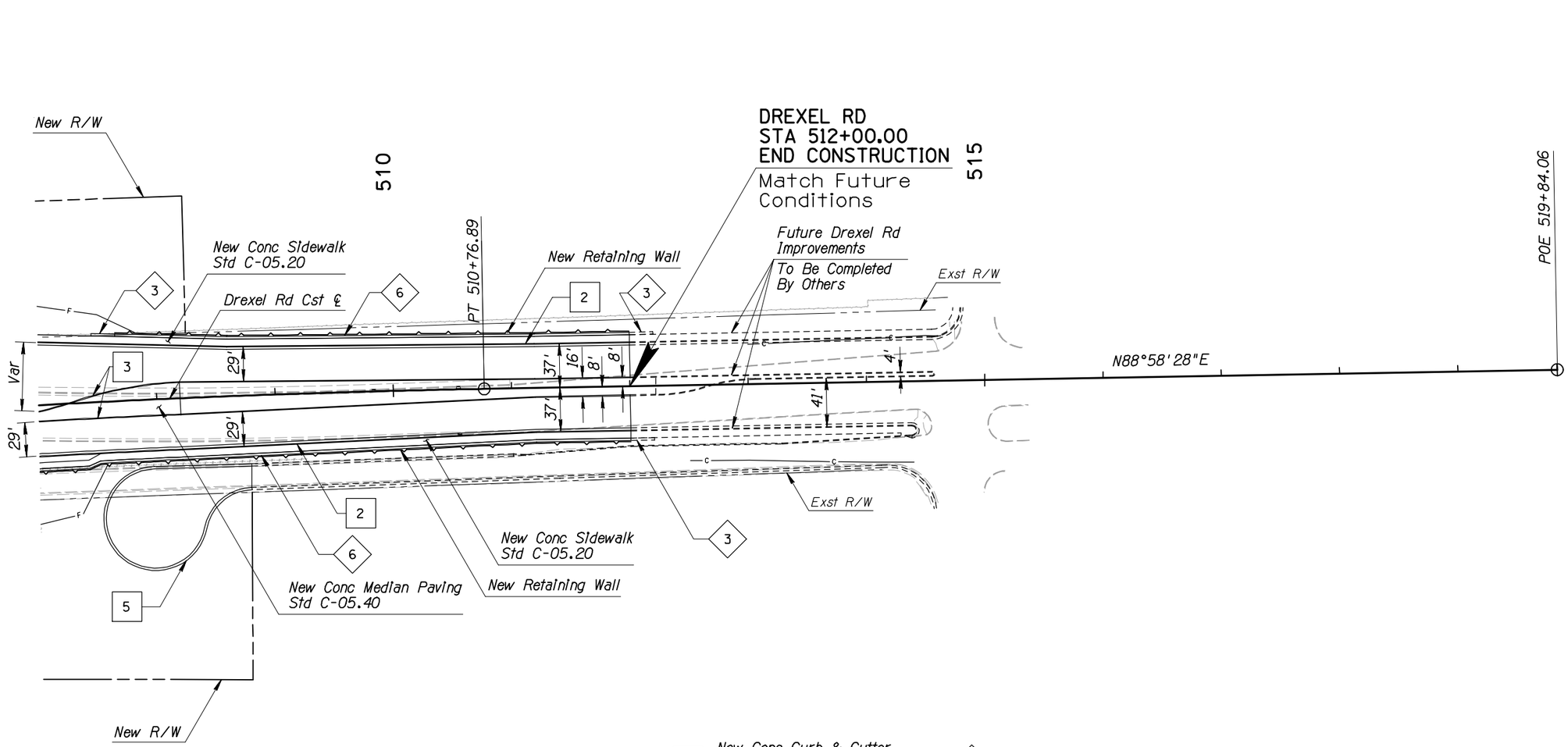
SHEETC-3.090F C-3.17

99 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105r10.dgn

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	100	193	
		019-PM-057			



1 New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 New Conc Curb & Gutter Transition ADOT Std C-05.12

5 New Conc Curb Conc Wedge Curb COT/PC Std Dtl 209

1 ET-Plus or SKT 350 End Treatment

2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

3 New Conc Barrier Transition

4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

5 New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

6 New Conc Barrier 42" Special Cast-In-Place

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1100 E. RIVER RD, SUITE 300
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
DREXEL RD
STA 507+00 TO 519+83.87

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-3.10 OF C-3.17

100 OF 193

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105r11.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	101	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

IRVINGTON RD
STA 479+81.98
BEGIN CONSTRUCTION
Match Exst

Exst R/W

PC 480+65.71

Irvington Rd Cst ℄

Exst 3-10'x7' RCBC
Extend

PT 485+93.93

New Retaining Wall

New Conc Sidewalk
Std C-05.20 (Typ)

New Retaining Wall

New Conc Median Paving
Std C-05.40

N89°09'51"E

N87°24'13"E

Exst Bridge
To Remain

Exst R/W

New Conc Sidewalk
Std C-05.20 (Typ)

New Retaining Wall

New Conc Sidewalk
Std C-05.20 (Typ)

New Conc Median Paving
Std C-05.40

Exst OH Power
To Be Relocated

PC 490+21.29

New Retaining Wall

Exst R/W

New Conc Median Paving
Std C-05.40

New Conc Sidewalk
Std C-05.20 (Typ)

480 485 490

5' 3' 51' 8' 16' 43' 49' 8' 41' 55' 41' 55' Var 30' 28' 50'

N

1 New Conc Curb & Gutter
Type B, C, or C-1
ADOT Std C-05.10

2 New Conc Curb & Gutter
Type D or D-3
ADOT Std C-05.10

3 New Conc Single Curb
Type A or A-1
ADOT Std C-05.10

4 New Conc Curb & Gutter
Transition
ADOT Std C-05.12

1 ET-Plus or SKT 350
End Treatment

2 Transition, Thrie Beam to
Concrete Half Barrier
ADOT Std C-10.30

3 New Conc Barrier Transition

4 New Conc Half Barrier
42" Type F with Gutter
ADOT Std C-10.53

5 New Conc Median Barrier
42" Type F Cast-In-Place
ADOT Std C-10.41

6 New Conc Barrier
42" Special Cast-In-Place

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
IRVINGTON RD
STA 477+34.10 TO 492+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-3.11 OF C-3.17

101 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105r12.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	102	193	
		019-PM-057			

1 New Conc Curb & Gutter
Type B, C, or C-1
ADOT Std C-05.10

2 New Conc Curb & Gutter
Type D or D-3
ADOT Std C-05.10

3 New Conc Single Curb
Type A or A-1
ADOT Std C-05.10

4 New Conc Curb & Gutter
Transition
ADOT Std C-05.12

Irvington Rd Ramp C Cst ℄
New R/W
POB 10+00.00
Irvington Rd Ramp C1 Cst ℄
Irvington Rd Ramp C2 Cst ℄
I-19 Cst ℄
New Retaining Wall
Irvington Rd Ramp D Cst ℄
Irvington Rd TI UP
POB 15+49.71
Irvington Rd Ramp D1 Cst ℄
Irvington Rd Ramp D2 Cst ℄
Irvington Rd Cst ℄
New Conc Sidewalk
Std C-05.20 (Typ)
New Retaining Wall
Exst R/W
New Retaining Wall
N89°10'39"E
New Conc Median Paving
Std C-05.40 (Typ)
S88°31'46"E
New Retaining Wall
Exst R/W
PT 495+53.53
New Conc Median Paving
Std C-05.40 (Typ)
Irvington Rd Ramp A2 Cst ℄
Irvington Rd Ramp A1 Cst ℄
POE 23+43.89
New Retaining Wall
New Retaining Wall
PC 502+59.42
PT 503+74.07
New Conc Median Paving
Std C-05.40 (Typ)
New Conc Sidewalk
Std C-05.20 (Typ)
New Conc Median Paving
Std C-05.40 (Typ)
Irvington Rd Ramp B2 Cst ℄
Irvington Rd Ramp B1 Cst ℄
POE 23+58.78
Exst 3-10'x7' RCBC
Remove
New 4-10'x6' RCBC
New Sound Barrier 03NB
Irvington Rd Ramp B Cst ℄
Irvington Rd Ramp A Cst ℄
N6°22'17"W
495
500
505
3225
3220

1 ET-Plus or SKT 350
End Treatment

2 Transition, Thrie Beam to
Concrete Half Barrier
ADOT Std C-10.30

3 New Conc Barrier Transition

4 New Conc Half Barrier
42" Type F with Gutter
ADOT Std C-10.53

5 New Conc Median Barrier
42" Type F Cast-In-Place
ADOT Std C-10.41

6 New Conc Barrier
42" Special Cast-In-Place

7 New Conc Half Barrier
32" Type F Cast-In-Place
ADOT Std C-10.50

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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1660 E. RIVER RD., SUITE 300
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
IRVINGTON RD
STA 492+00 TO 506+00

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-3.12 OF C-3.17

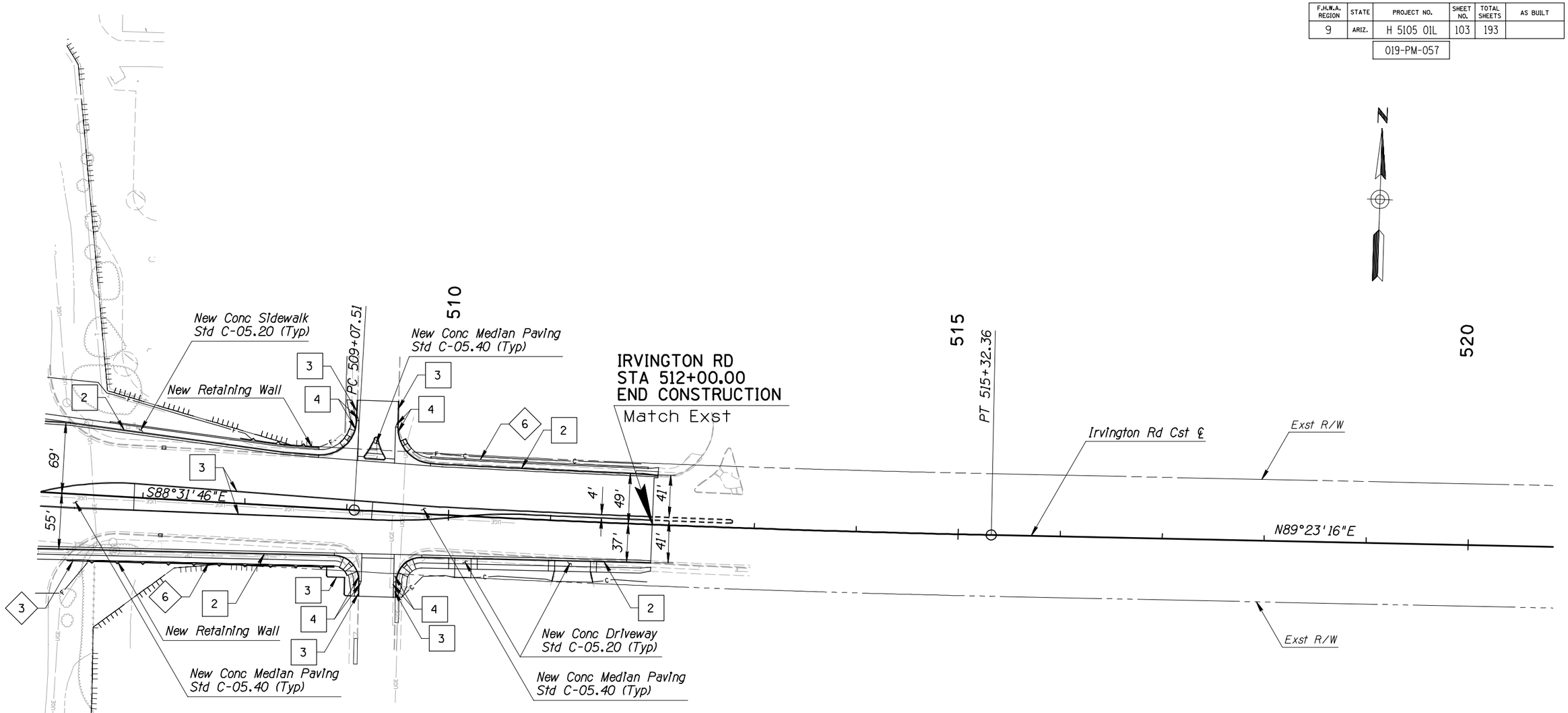
102 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105r13.dgn

DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	103	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



1 ET-Plus or SKT 350 End Treatment

2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

3 New Conc Barrier Transition

4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

5 New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

6 New Conc Barrier 42" Special Cast-In-Place

7 New Conc Half Barrier 32" Type F Cast-In-Place ADOT Std C-10.50

1 New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 New Conc Curb & Gutter Transition ADOT Std C-05.12

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
IRVINGTON RD
STA 506+00 TO 520+82.96

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

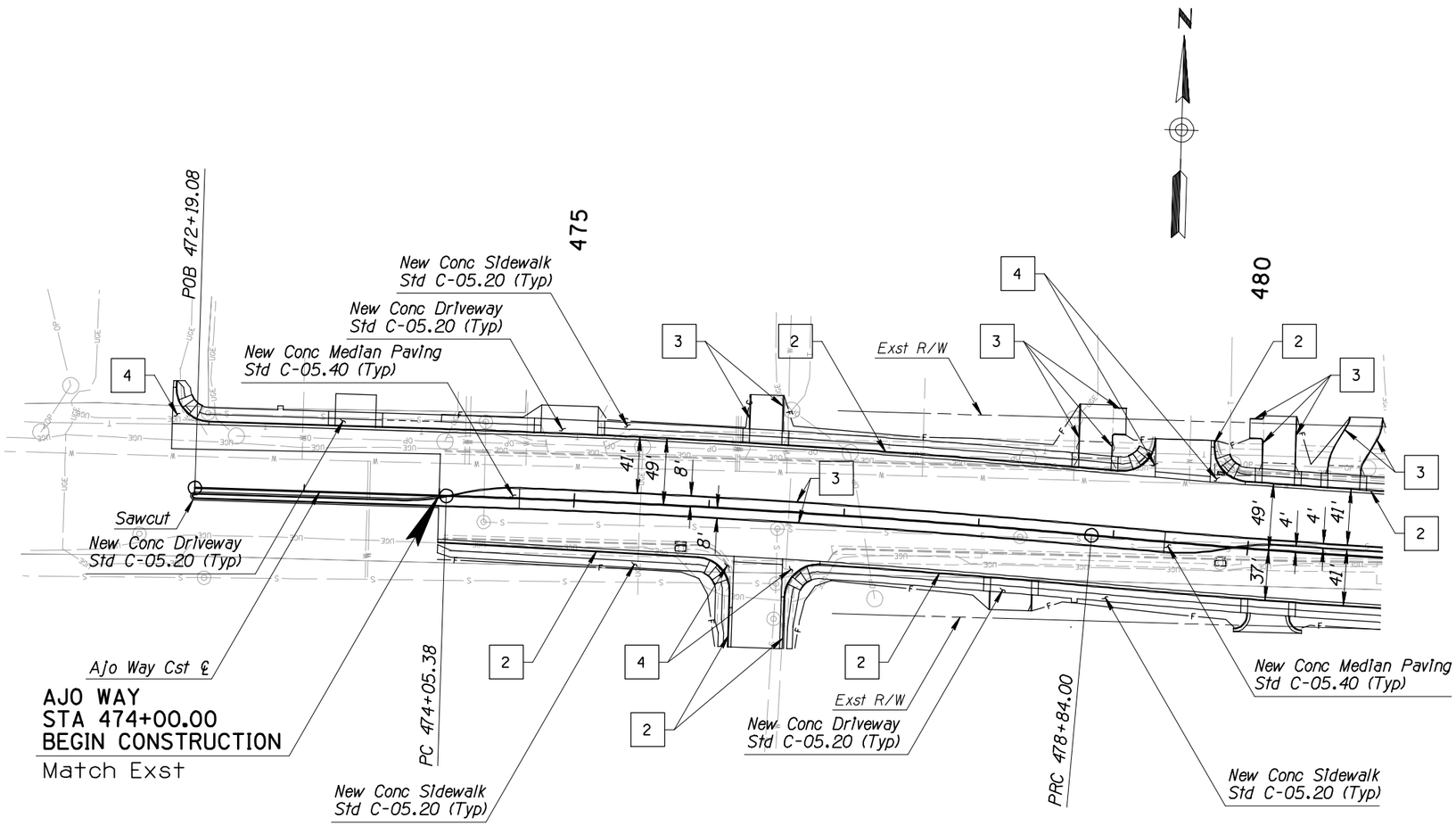
SHEETC-3.13 OF C-3.17

103 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105r14.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	104	193	
		019-PM-057			

- 1 — New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10
- 2 — New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10
- 3 — New Conc Single Curb Type A or A-1 ADOT Std C-05.10
- 4 — New Conc Curb & Gutter Transition ADOT Std C-05.12
- ◇1 — ET-Plus or SKT 350 End Treatment
- ◇2 — Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30
- ◇3 — New Conc Barrier Transition
- ◇4 — New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53
- ◇5 — New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
AJO WAY
STA 472+19.08 TO 481+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEETC-3.14 OF C-3.17

TRACS NO. H 5105 01L

104 OF 193

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105r15.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	105	193	

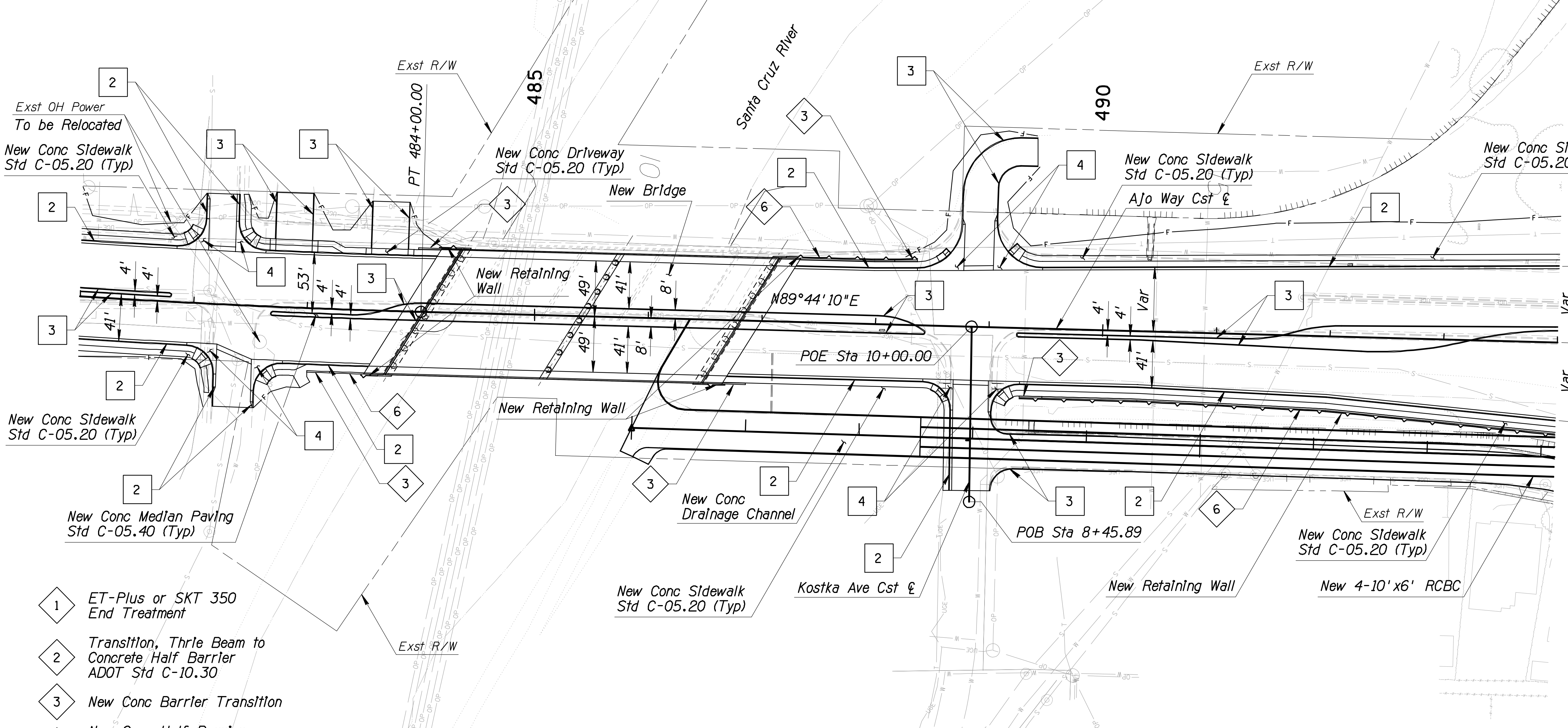
019-PM-057

1 — New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 — New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 — New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 — New Conc Curb & Gutter Transition ADOT Std C-05.12



◇1 — ET-Plus or SKT 350 End Treatment

◇2 — Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

◇3 — New Conc Barrier Transition

◇4 — New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

◇5 — New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

◇6 — New Conc Barrier 42" Special Cast-In-Place

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
AJO WAY
STA 481+00 TO 494+00

PRELIMINARY DCR Review NOT FOR CONSTRUCTION OR RECORDING

ROUTE I-19 — LOCATION I-19 SAN XAVIER ROAD TO I-10

SHEET C-3.15 OF C-3.17

TRACS NO. H 5105 01L

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Plan\h5105r16.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	106	193	
		019-PM-057			

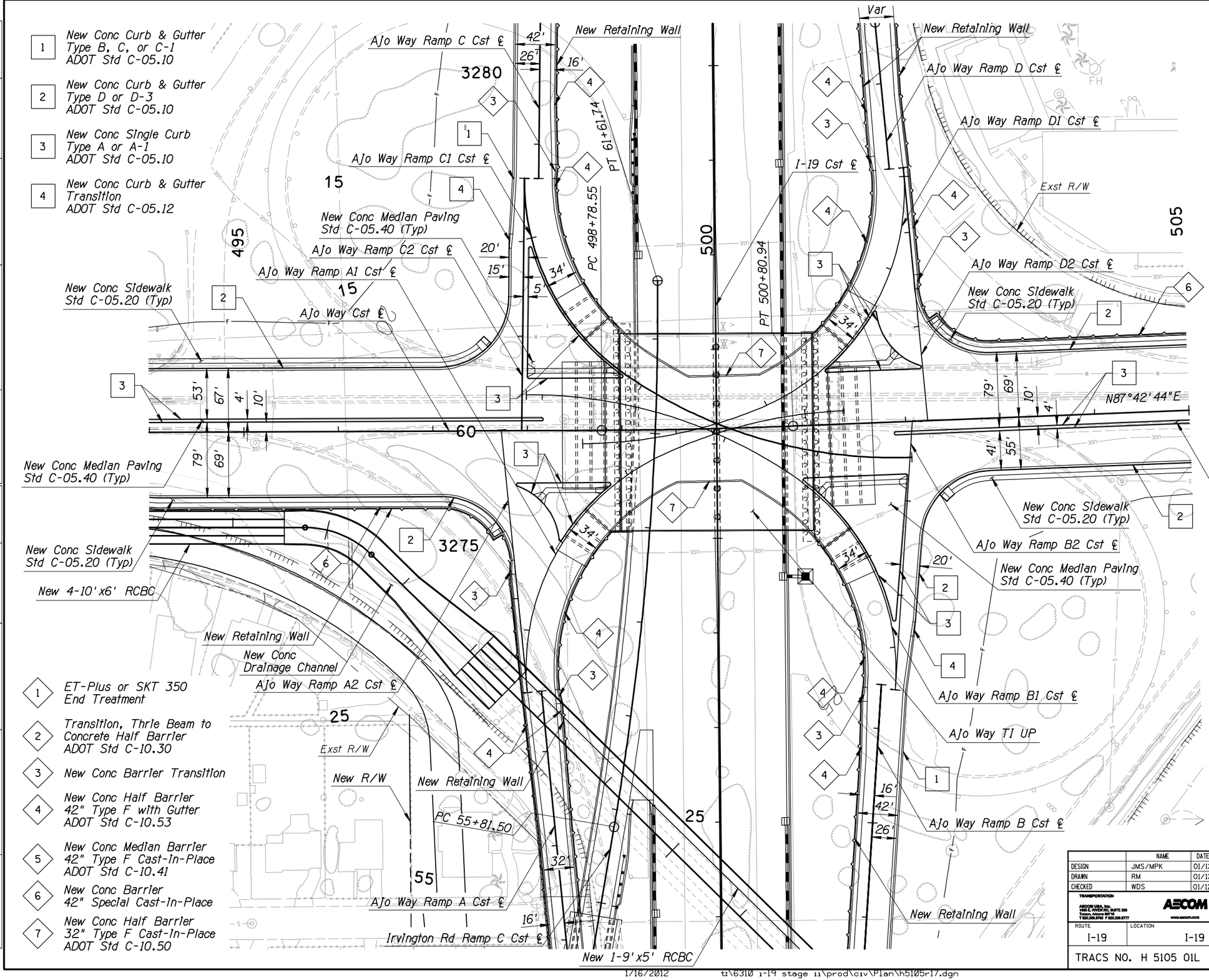
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

1 New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 New Conc Curb & Gutter Transition ADOT Std C-05.12



1 ET-Plus or SKT 350 End Treatment

2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

3 New Conc Barrier Transition

4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

5 New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

6 New Conc Barrier 42" Special Cast-In-Place

7 New Conc Half Barrier 32" Type F Cast-In-Place ADOT Std C-10.50

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ROADWAY PLANS
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STA 494+00 TO 505+00

ROUTE: I-19 | LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
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NOT FOR CONSTRUCTION OR RECORDING

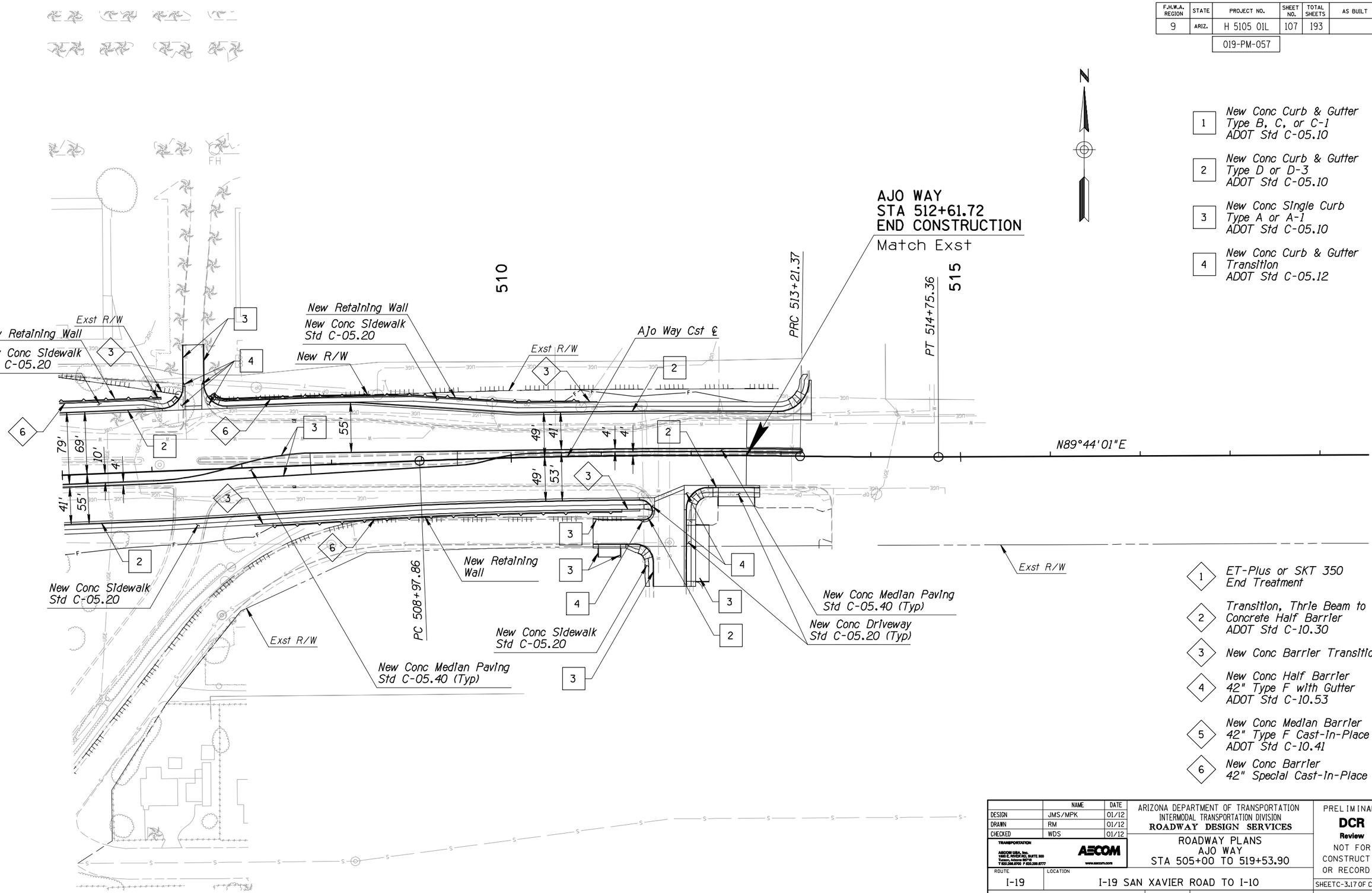
SHEETC-3.16 OF C-3.17

106 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105r17.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	107	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



1 New Conc Curb & Gutter Type B, C, or C-1 ADOT Std C-05.10

2 New Conc Curb & Gutter Type D or D-3 ADOT Std C-05.10

3 New Conc Single Curb Type A or A-1 ADOT Std C-05.10

4 New Conc Curb & Gutter Transition ADOT Std C-05.12

1 ET-Plus or SKT 350 End Treatment

2 Transition, Thrie Beam to Concrete Half Barrier ADOT Std C-10.30

3 New Conc Barrier Transition

4 New Conc Half Barrier 42" Type F with Gutter ADOT Std C-10.53

5 New Conc Median Barrier 42" Type F Cast-In-Place ADOT Std C-10.41

6 New Conc Barrier 42" Special Cast-In-Place

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PLANS
AJO WAY
STA 505+00 TO 519+53.90

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

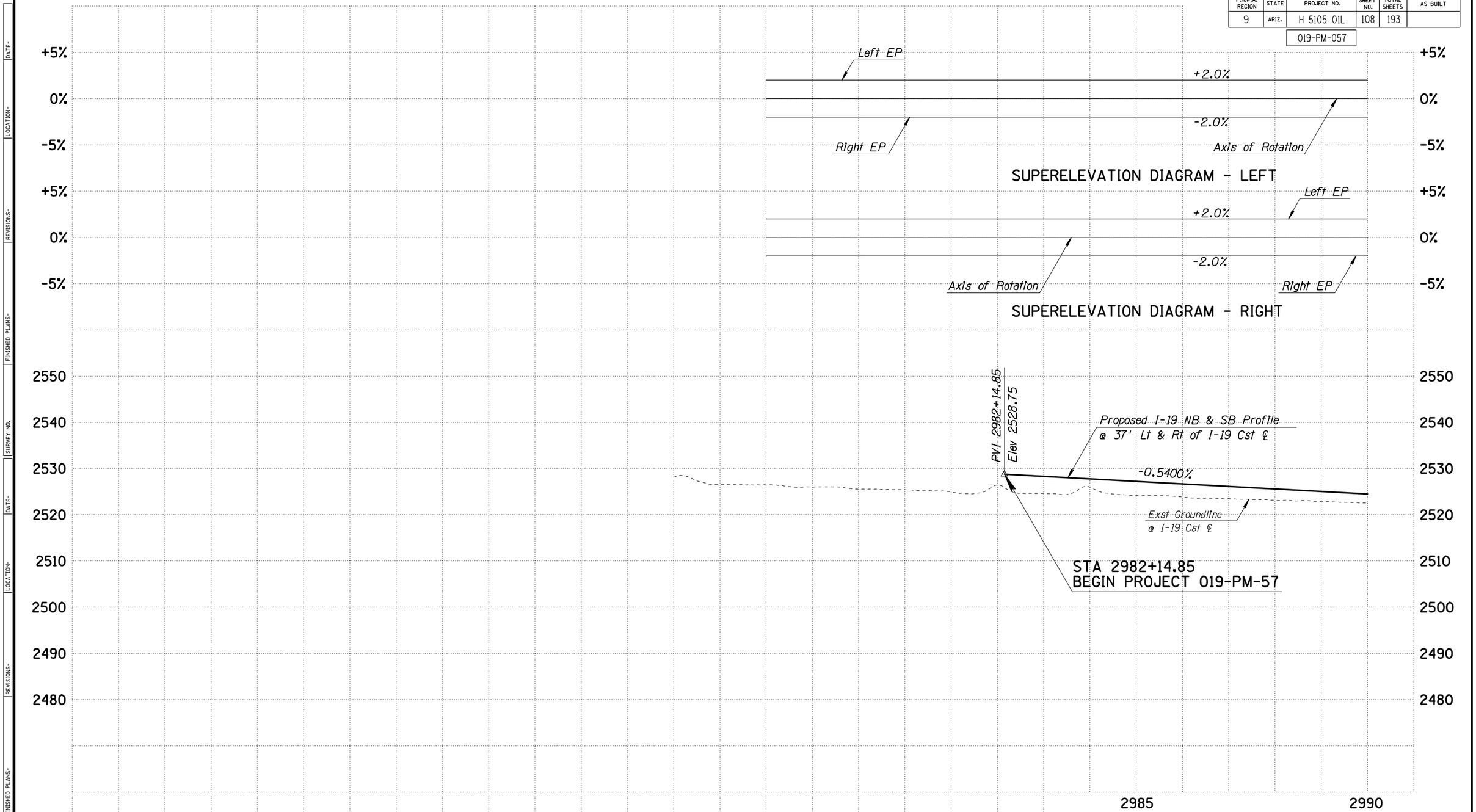
SHEETC-3.17 OF C-3.17

107 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Plan\h5105r18.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	108	193	

019-PM-057



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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1600 E. RIVER RD., SUITE 300
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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

ROADWAY PROFILE
STA 2982+14.85 TO 2990+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

SHEETC-4.01 OF C-4.15

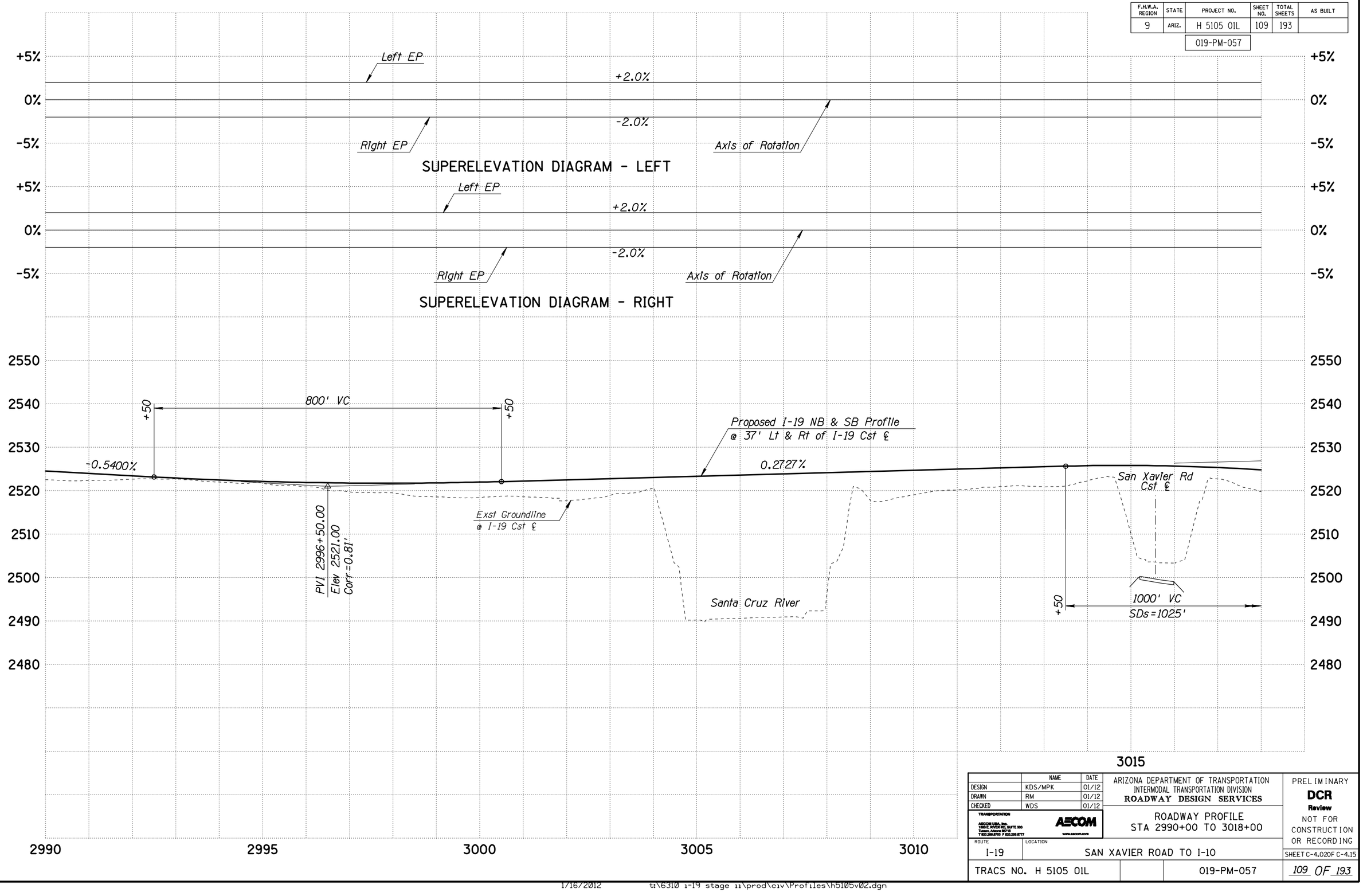
TRACS NO. H 5105 01L		019-PM-057	108 OF 193

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/17/2012 I:\6310 I-19 Stage II\Prod\civ\Profiles\h5105v01.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	109	193	
		019-PM-057			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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7720 E. RIVER RD, SUITE 300
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ROADWAY PROFILE
STA 2990+00 TO 3018+00

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

SHEET C-4.020F C-4.15

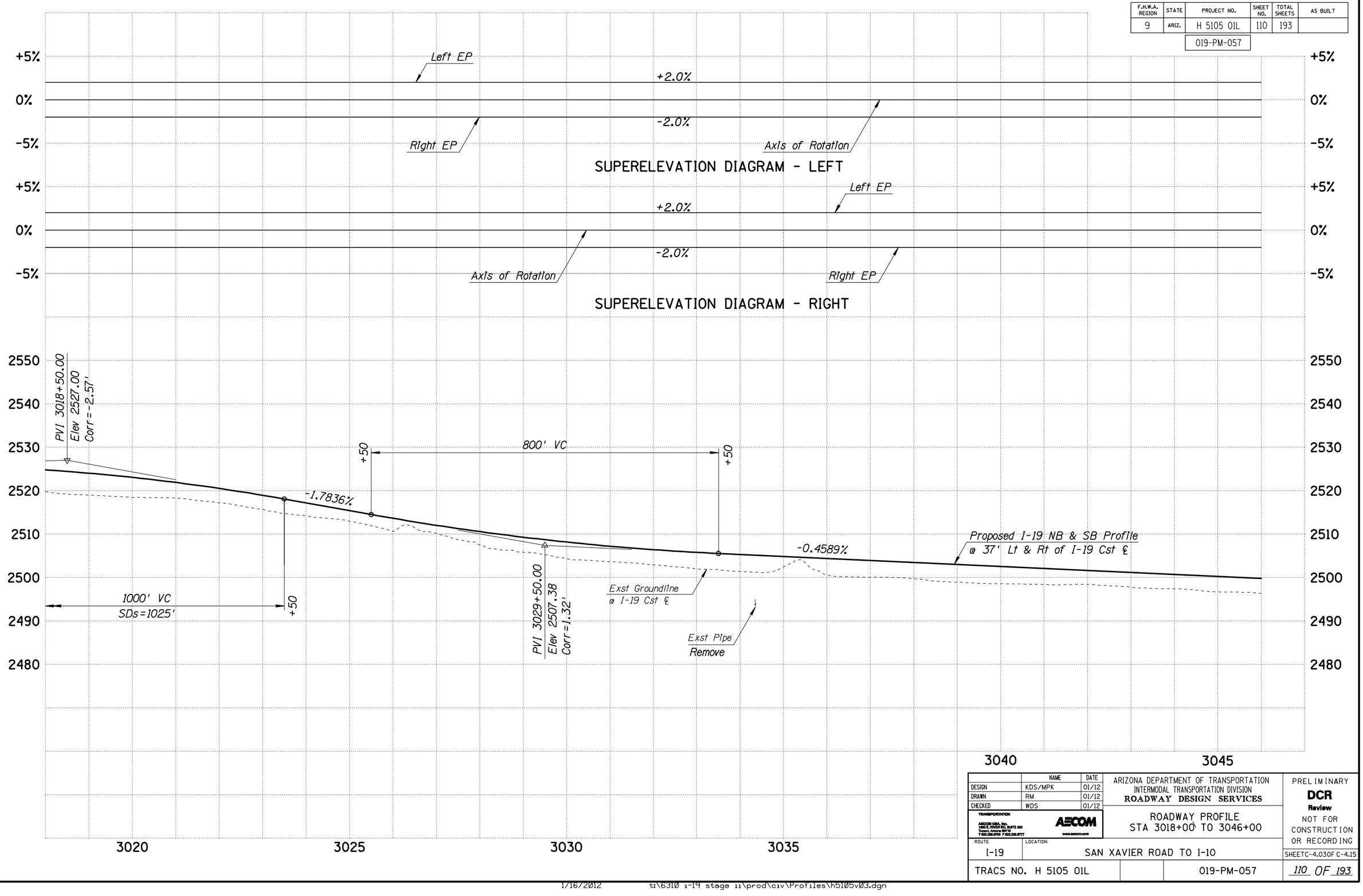
TRACS NO. H 5105 01L		019-PM-057

109 OF 193

1/16/2012 t:\6310 i-19 stage 1i\prod\civ\Profiles\h5105v02.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	110	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ROADWAY DESIGN SERVICES

ROADWAY PROFILE
STA 3018+00 TO 3046+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

SHEETC-4.030F C-4.15

TRACS NO. H 5105 01L		019-PM-057	110 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v03.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	111	193	
		019-PM-057			

+5%
0%
-5%

Left EP
+2.0%
-2.0%
Right EP
Axis of Rotation

SUPERELEVATION DIAGRAM - LEFT

+5%
0%
-5%

Left EP
+2.0%
-2.0%
Axis of Rotation
Right EP

SUPERELEVATION DIAGRAM - RIGHT

Los Reales Rd
Cst ℄

1000' VC

+00
+00

Proposed I-19 NB & SB Profile
@ 37' Lt & Rt of I-19 Cst ℄

Exst Groundline
@ I-19 Cst ℄

PVI 3067+00.00
Elev 2490.17
Corr=1.01'

Exst 24" CMP
Remove
New 1-36" CMP

2530
2520
2510
2500
2490
2480
2470
2460

3050
3055
3060
3065
3070

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PROFILES
STA 3046+00 TO 3074+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEETC-4.040F C-4.15

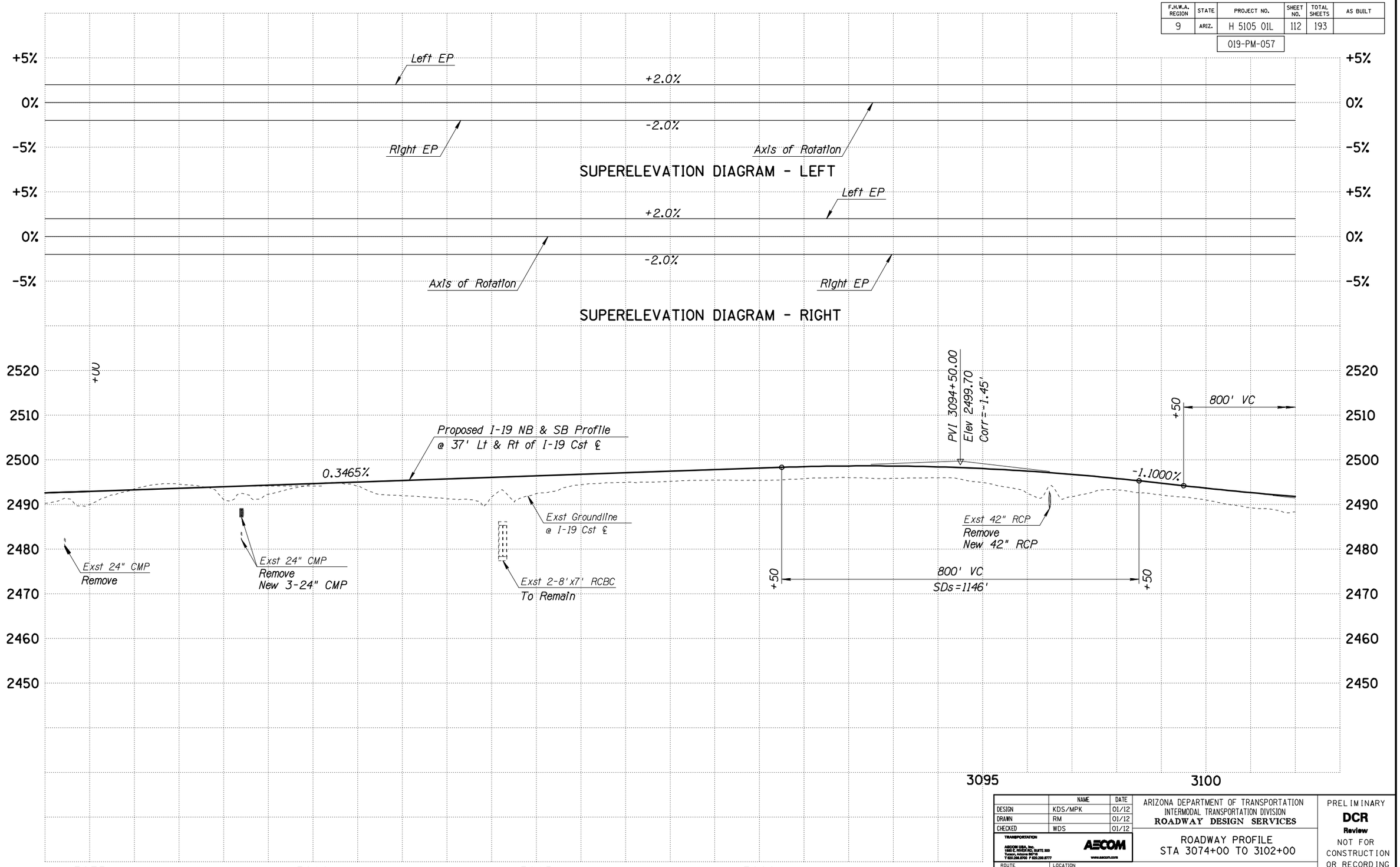
111 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v04.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	112	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
3600 E. RIVER RD, SUITE 300
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PROFILE
STA 3074+00 TO 3102+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

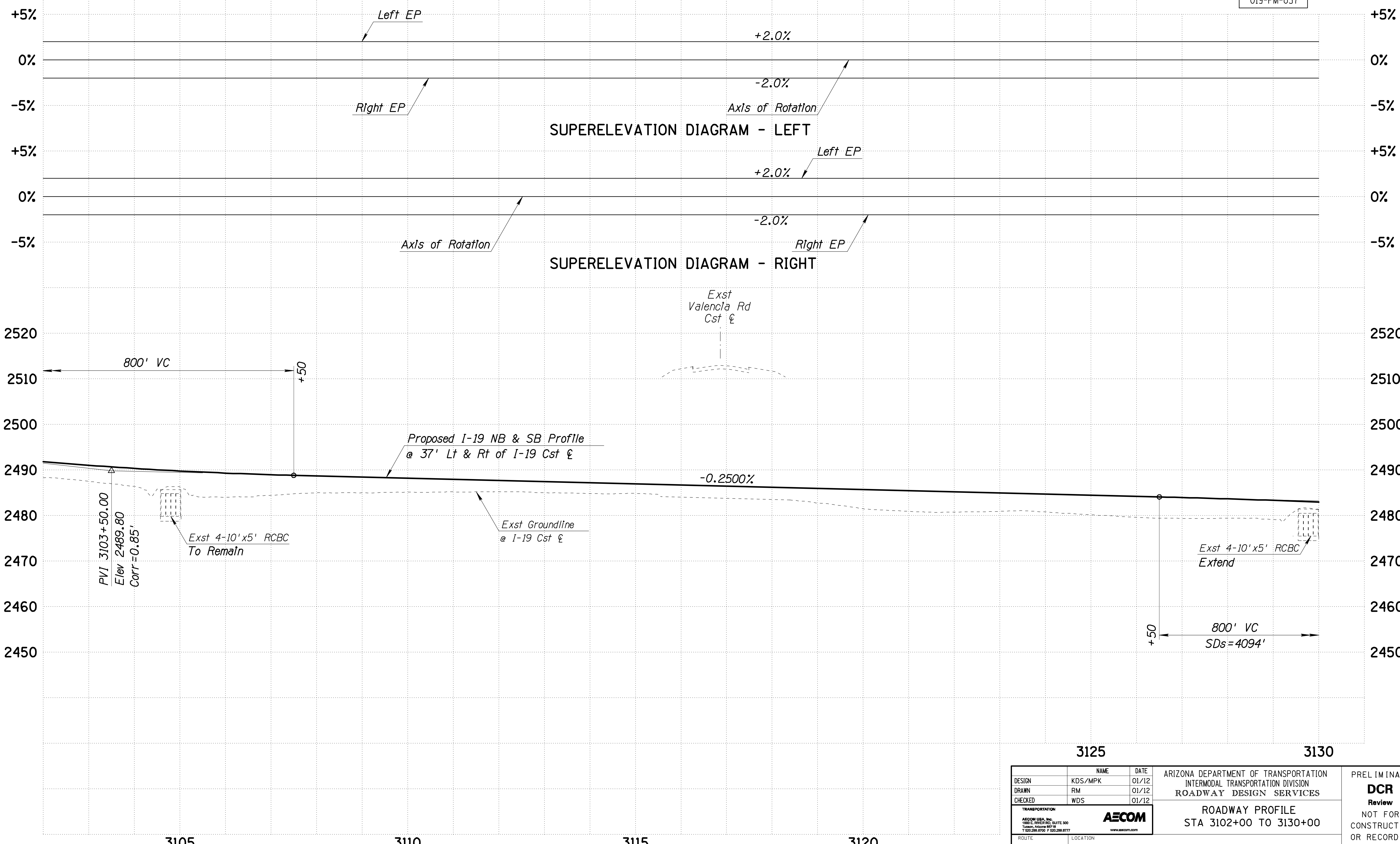
SHEETC-4.050F C-4.15

112 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v05.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	113	193	

019-PM-057



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

AECOM

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PROFILE
STA 3102+00 TO 3130+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

SHEETC-4.060F C-4.15

TRACS NO. H 5105 01L | 019-PM-057 | 113 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Profiles\h5105v06.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	114	193	
		019-PM-057			

+5%
0%
-5%
5%
0%
-5%

Left EP
+2.0%
-2.0%
Right EP
Axis of Rotation

SUPERELEVATION DIAGRAM - LEFT

Left EP
+2.0%
-2.0%
Axis of Rotation
Right EP

SUPERELEVATION DIAGRAM - RIGHT

2500
2490
2480
2470
2460
2450
2440
2430

PVI 3130+50.00
Elev 2483.05
Corr=-0.29'

Proposed I-19 NB & SB Profile
@ 37' Lt & Rt of I-19 Cst ℄

-0.5421%

Exst 3-57"x38" CMPA
Remove
New 3-57"x38" CMPA

Exst 4-45"x29" ERCP
Extend

Exst Groundline
@ I-19 Cst ℄

800' VC
SDs=4094'
+50

+50
800' VC
+50

0.2500%

PVI 3149+50.00
Elev 2472.75
Corr=0.79'

Exst
2-10'x4'
RCBC
Extend

Exst 1-59"x37" CMPA
Extend
Augmentation
1-59"x37" CMPA

2000' VC
SDs=2036'
+50

3130 3135 3140 3145 3150 3155

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PROFILE
STA 3130+00 TO 3158+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEETC-4.070F C-4.15

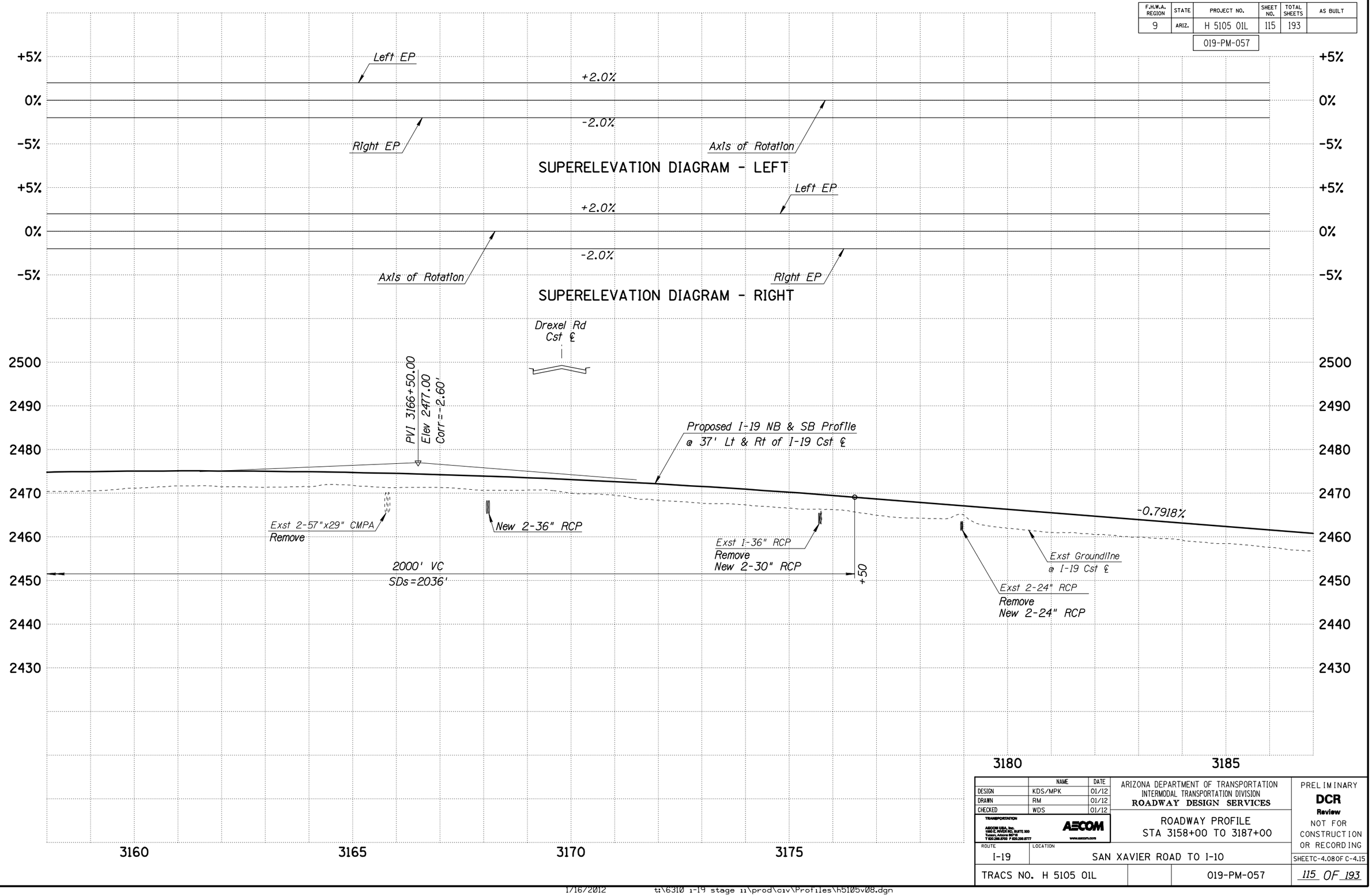
TRACS NO. H 5105 01L | 019-PM-057 | 114 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v07.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	115	193	
		019-PM-057			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
7720 E. INDIAN SCHOOL ROAD, SUITE 300
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PROFILE
STA 3158+00 TO 3187+00

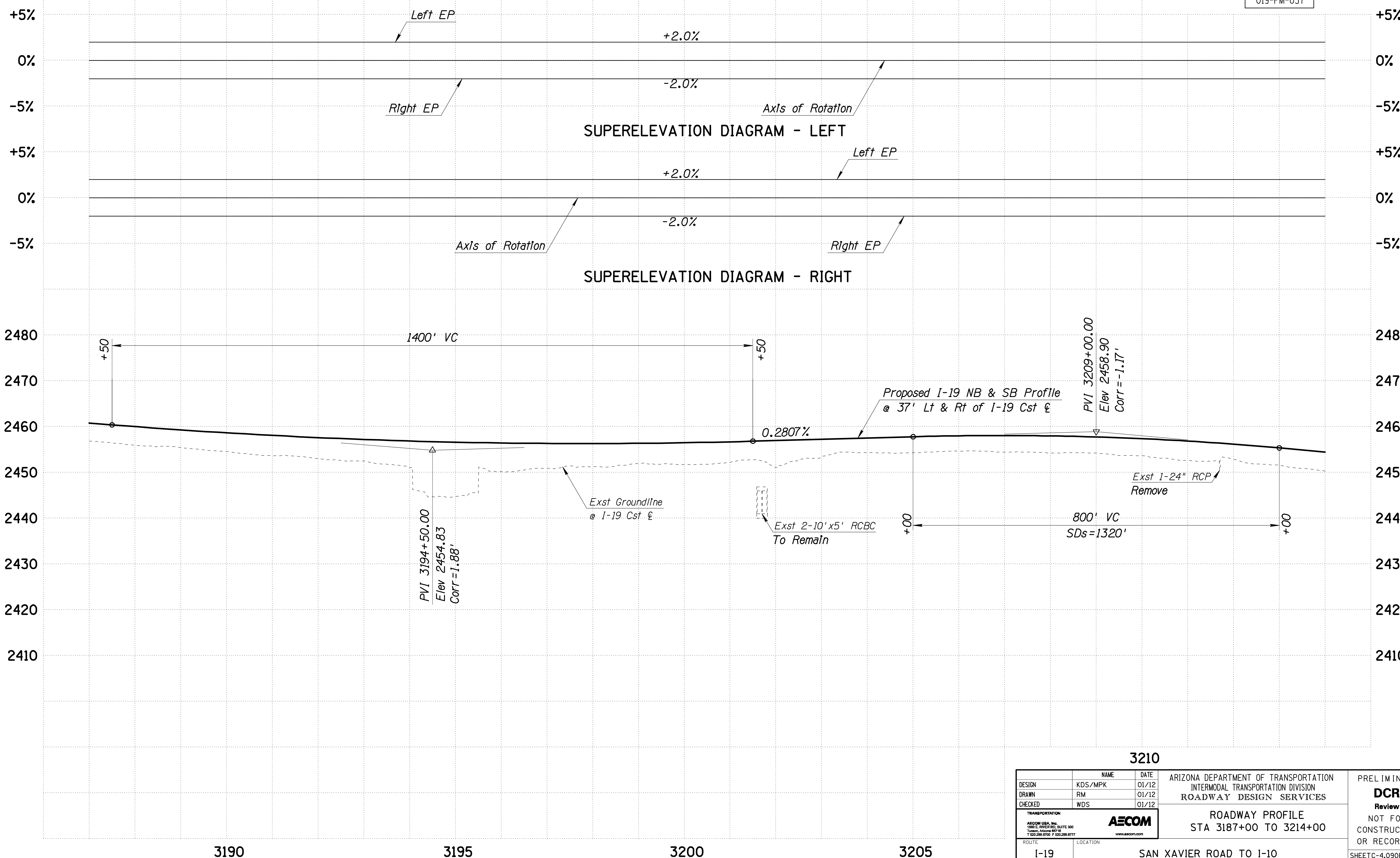
PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION	SHEET
I-19	SAN XAVIER ROAD TO I-10	SHEETC-4.08OF C-4.15
TRACS NO. H 5105 01L	019-PM-057	115 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v08.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	116	193	

019-PM-057



+5%
0%
-5%
Left EP
+2.0%
-2.0%
Right EP
Axis of Rotation
SUPERELEVATION DIAGRAM - LEFT
Left EP
+2.0%
-2.0%
Axis of Rotation
Right EP
SUPERELEVATION DIAGRAM - RIGHT
2480
2470
2460
2450
2440
2430
2420
2410
+50
1400' VC
+50
0.2807%
Proposed I-19 NB & SB Profile
@ 37' Lt & Rt of I-19 Cst ℄
PVI 3209+00.00
Elev 2458.90
Corr=-1.17'
Exst Groundline
@ I-19 Cst ℄
PVI 3194+50.00
Elev 2454.83
Corr=1.88'
Exst 2-10'x5' RCBC
To Remain
+00
800' VC
SDs=1320'
+00
Exst 1-24" RCP
Remove
3190
3195
3200
3205
3210

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PROFILE
STA 3187+00 TO 3214+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

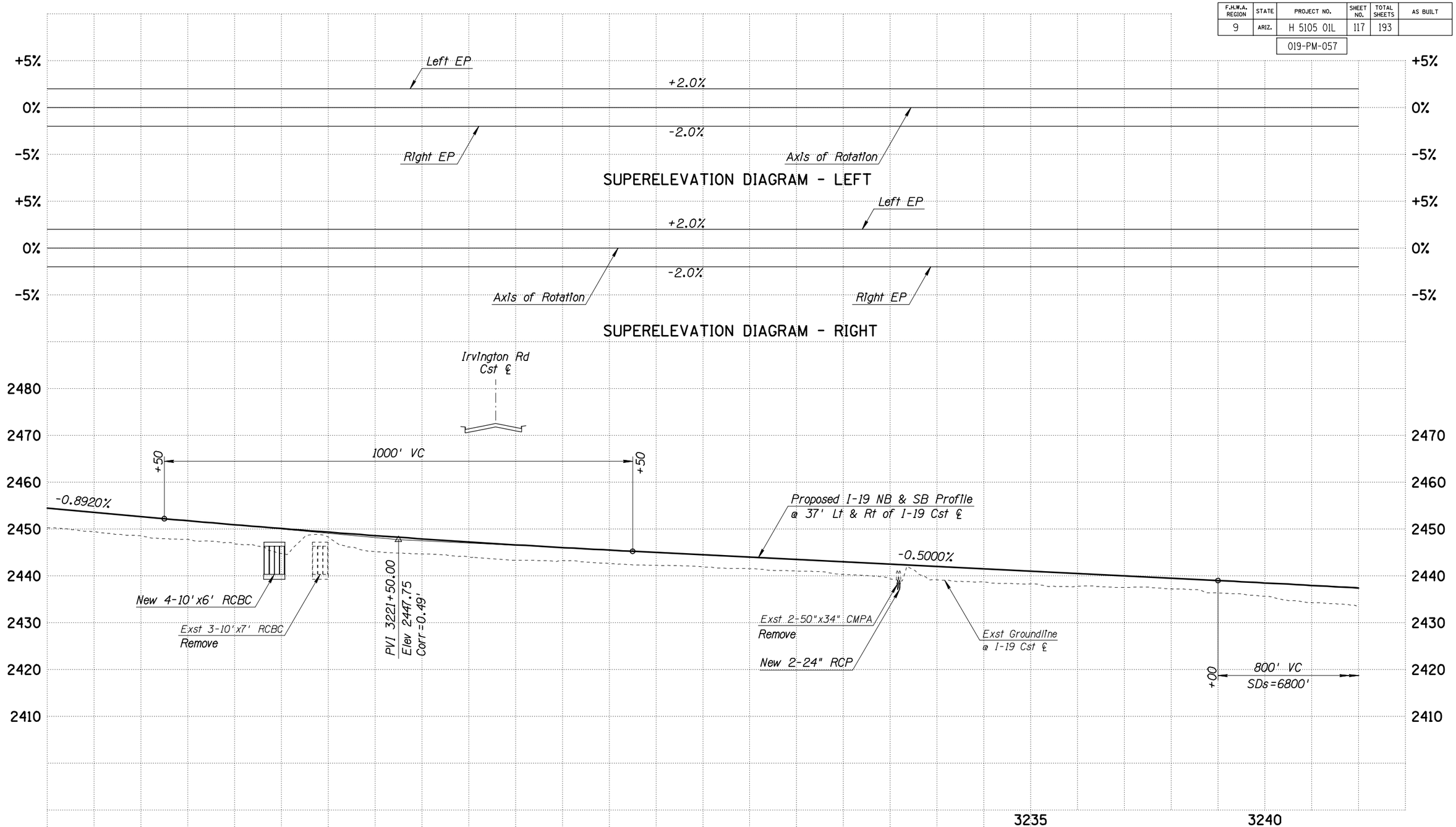
ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

SHEET C-4.090F C-4.15

TRACS NO. H 5105 01L | 019-PM-057 | 116 OF 193

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	117	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PROFILE
STA 3214+00 TO 3242+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-4.10 OF C-4.15

TRACS NO. H 5105 01L | 019-PM-057 | 117 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v10.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	118	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

+5%
0%
-5%

Left EP
+2.0%
-2.0%
Right EP
Axis of Rotation

SUPERELEVATION DIAGRAM - LEFT

+5%
0%
-5%

Left EP
+2.0%
-2.0%
Axis of Rotation
Right EP

SUPERELEVATION DIAGRAM - RIGHT

PVI 3243+00.00
Elev 2437.00
Corr = -0.17'

Exst 10'x4' RCBC
Remove

800' VC
SDs=6800'

+00

Exst 54" RCP
Remove

New 2-6'x6' RCBC

Proposed I-19 NB & SB Profile
@ 37' Lt & Rt of I-19 Cst ℄

-0.6686%

Exst Groundline
@ I-19 Cst ℄

2450
2440
2430
2420
2410
2400
2390

3245
3250
3255
3260
3265
3270

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

ROADWAY PROFILE
STA 3242+00 TO 3270+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

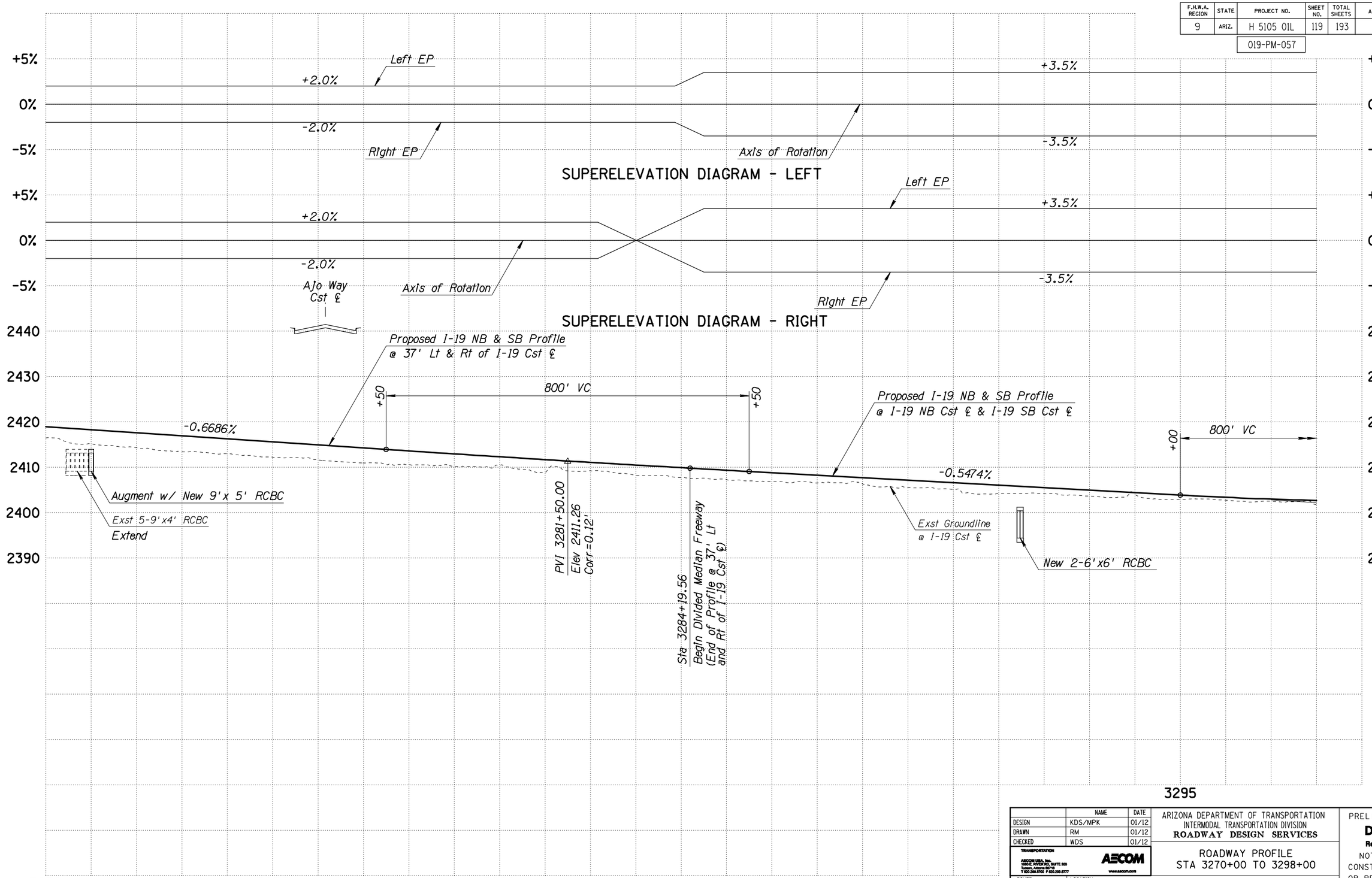
SHEET C-4.11 OF C-4.15

TRACS NO. H 5105 01L		019-PM-057	118 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v11.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	119	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

ROADWAY PROFILE
STA 3270+00 TO 3298+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

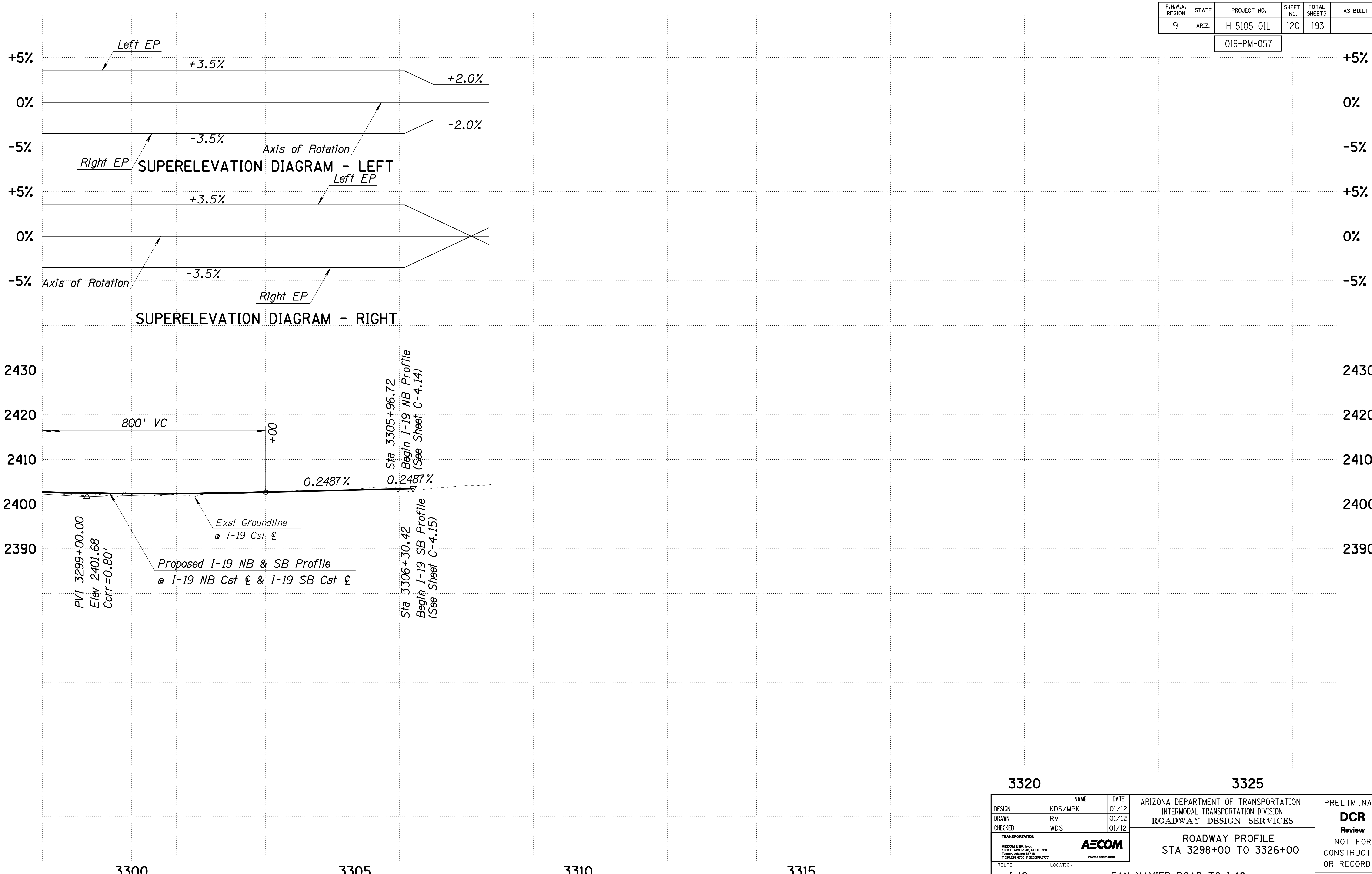
SHEET C-4.12 OF C-4.15

TRACS NO. H 5105 01L | 019-PM-057 | 119 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v12.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	120	193	

019-PM-057



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PROFILE
STA 3298+00 TO 3326+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

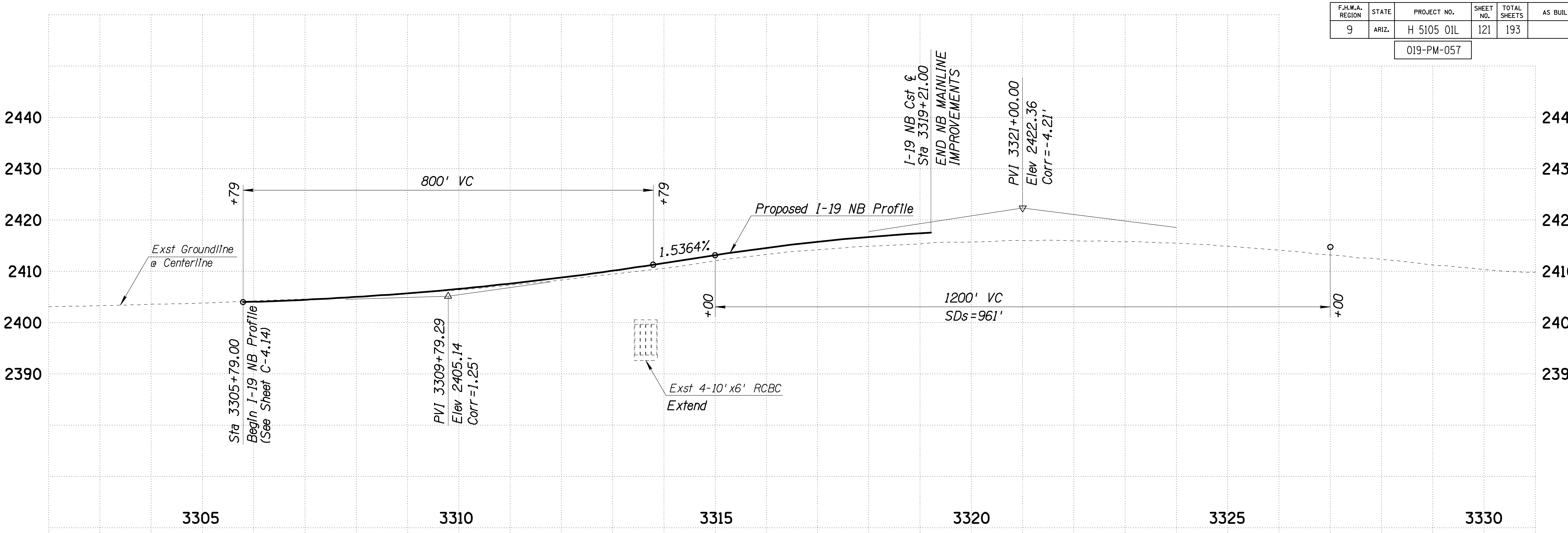
SHEET C-4.13 OF C-4.15

TRACS NO. H 5105 01L | 019-PM-057 | 120 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Profiles\h5105v13.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	121	193	

019-PM-057



I-19 NB Profile

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PROFILE
STA 3305+79 TO 3326+04

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

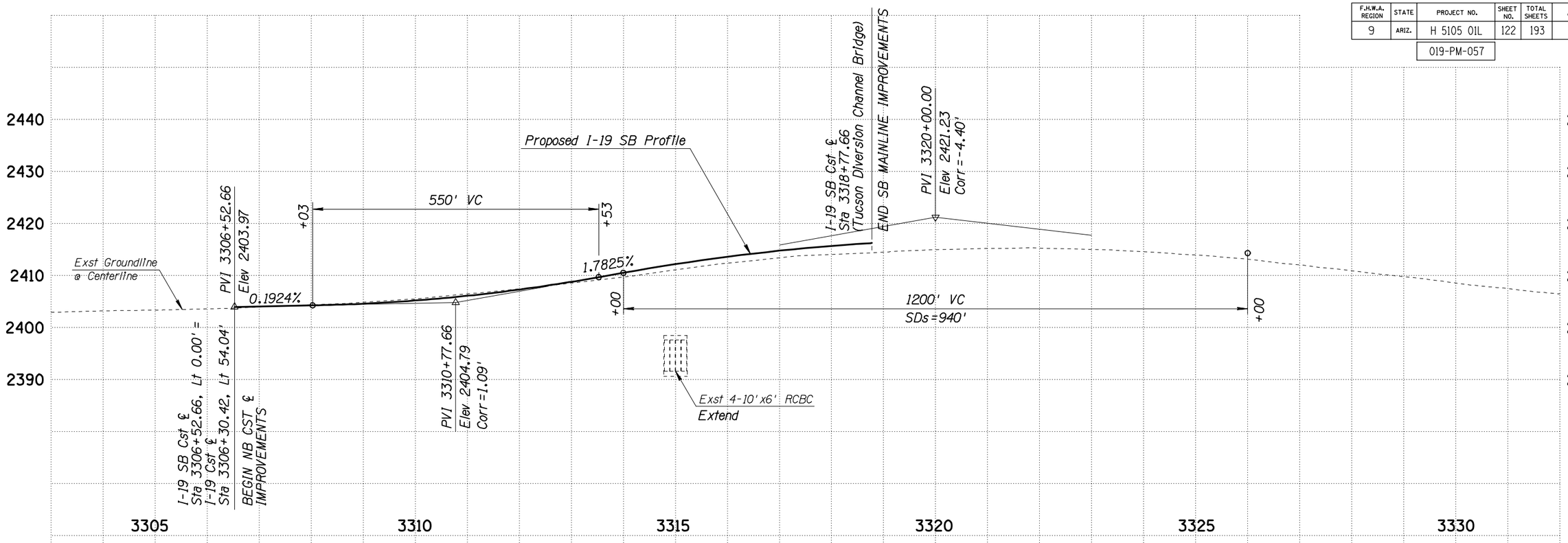
SHEET C-4.14 OF C-4.15

TRACS NO. H 5105 01L | 019-PM-057

121 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Profiles\h5105v14.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	122	193	
		019-PM-057			



I-19 SB Profile

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

ROADWAY PROFILE
STA 3306+52 TO 3330+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

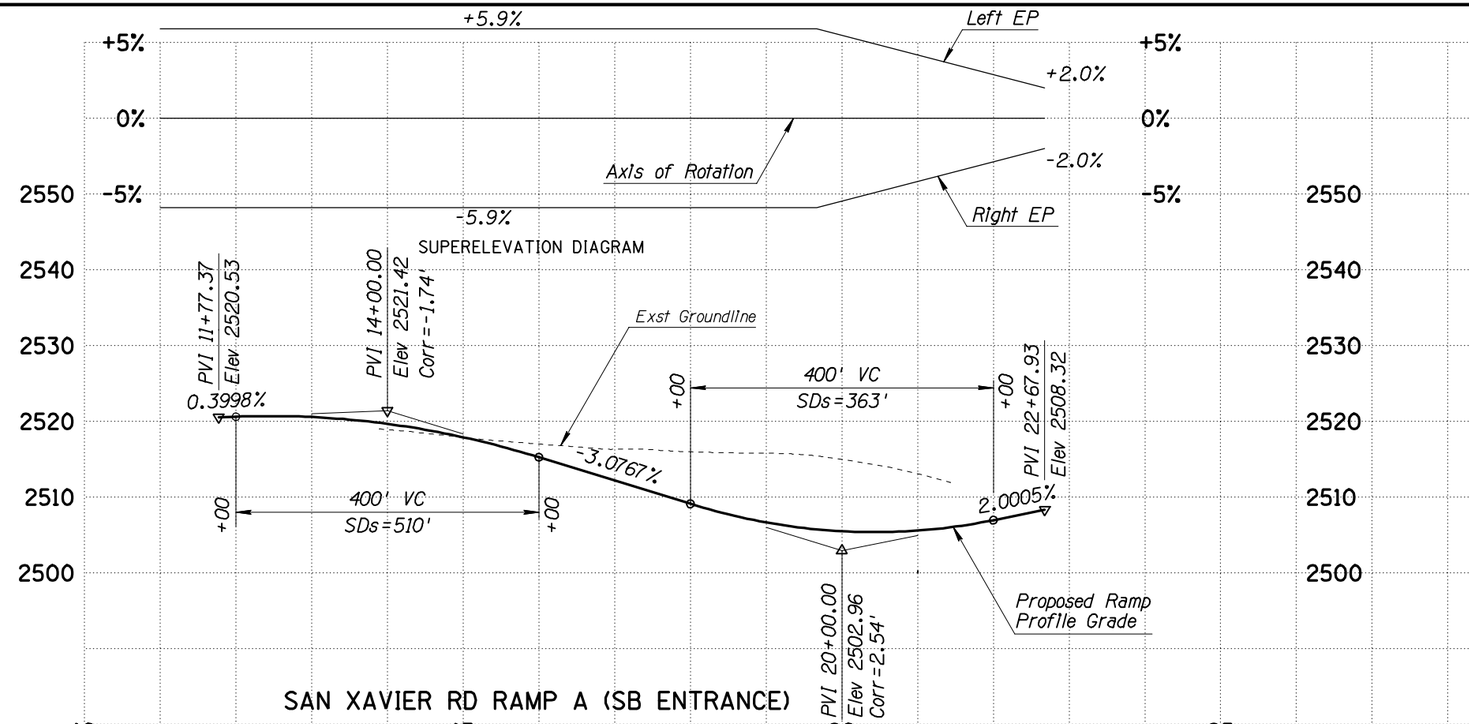
SHEET C-4.15 OF C-4.15

122 OF 193

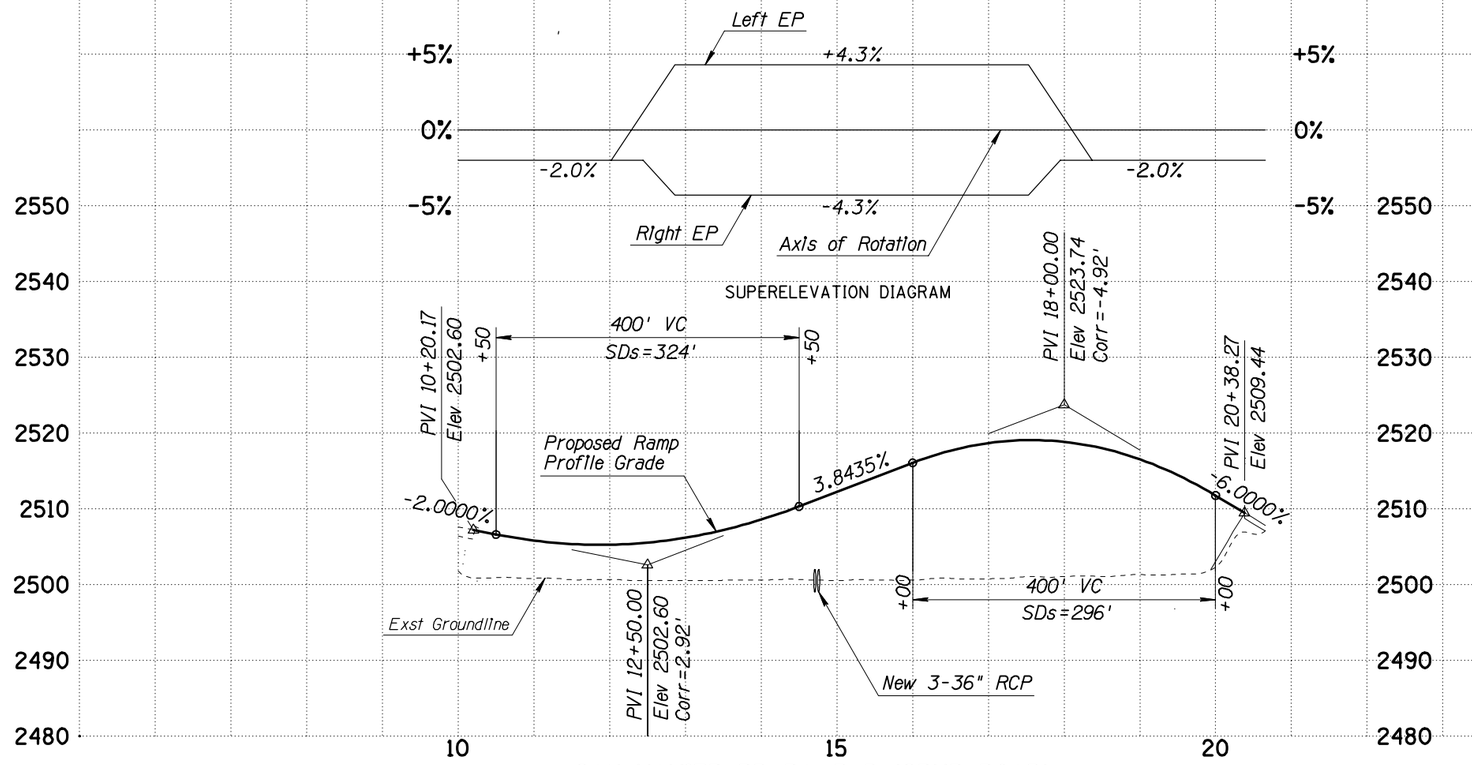
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v15.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	123	193	
		019-PM-057			



SAN XAVIER RD RAMP A (SB ENTRANCE)



SAN XAVIER RD RAMP B (SPUR ROAD)

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

RAMP PROFILES
Sta 10+00 to 20+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

SHEETC-5.01 OF C-5.21

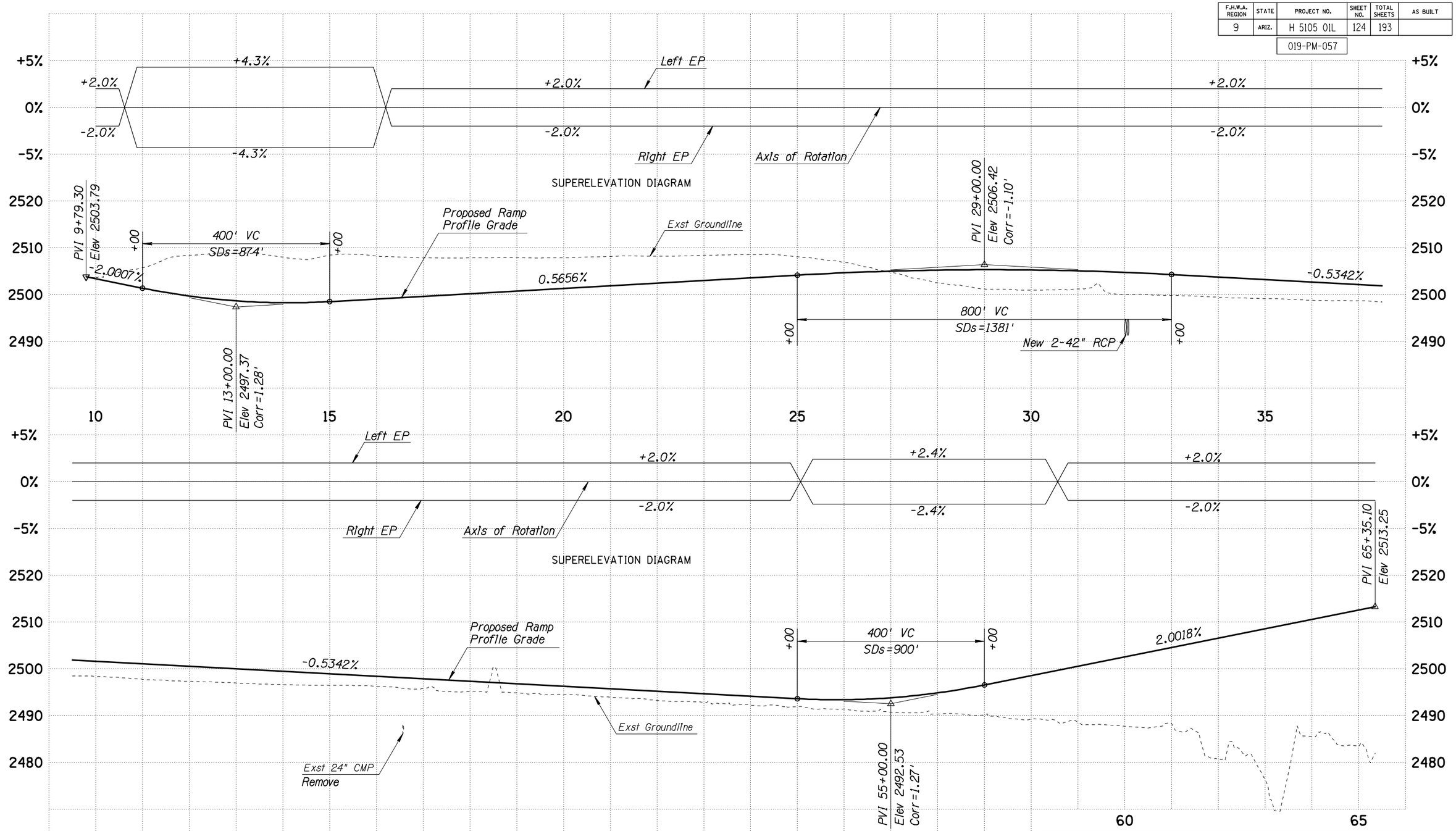
TRACS NO. H 5105 01L | 019-PM-057

123 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v16.dgn

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	124	193	
		019-PM-057			



SAN XAVIER RD RAMP C (CD ROAD)

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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1360 E. RIVER RD, SUITE 300
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

RAMP PROFILES
Sta 10+00 to 65+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION	SHEET
I-19	SAN XAVIER ROAD TO I-10	SHEETC-5.020FC-5.21

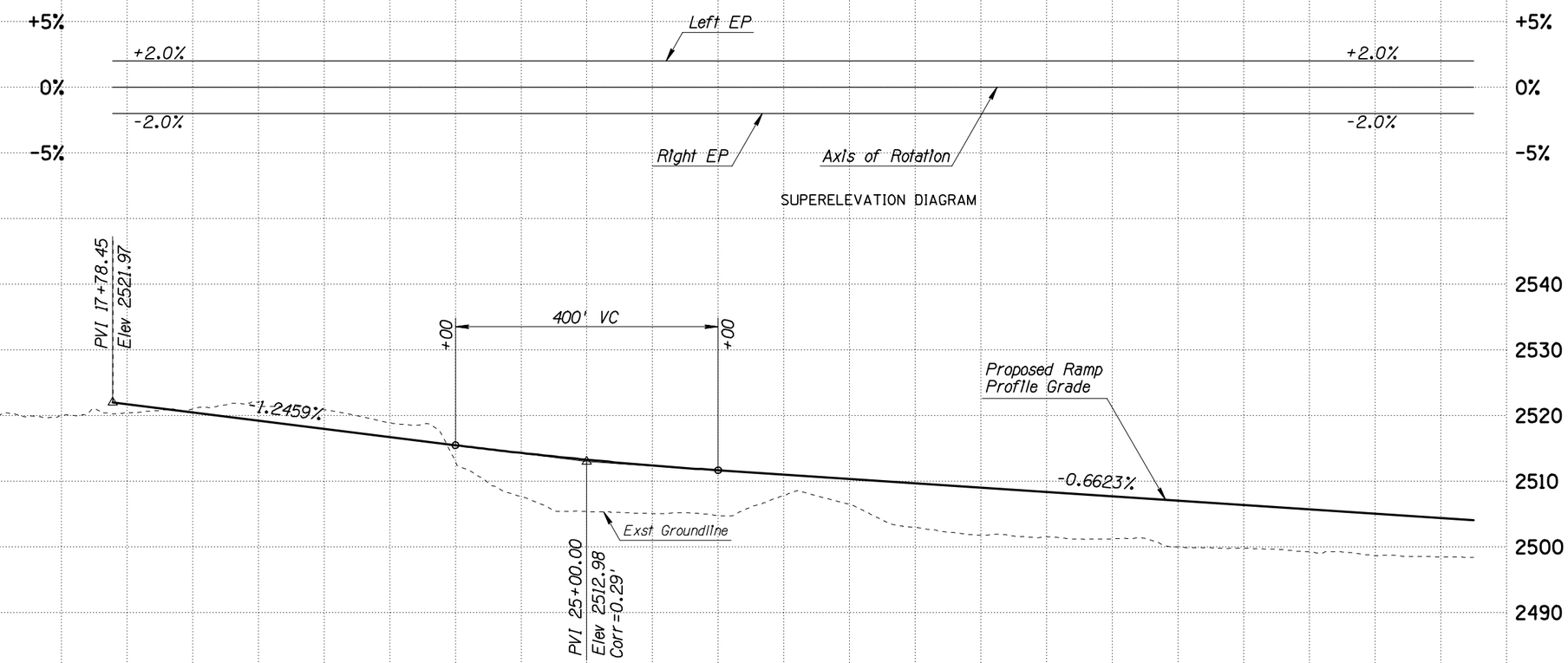
TRACS NO. H 5105 01L		019-PM-057	124 OF 193

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v17.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	125	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



SUPERELEVATION DIAGRAM

LOS REALES RD RAMP B (NB CD ROAD)

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
7720 E. INDIAN SCHOOL RD, SUITE 300
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ROADWAY DESIGN SERVICES

RAMP PROFILES
Sta 10+00 to 38+50

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

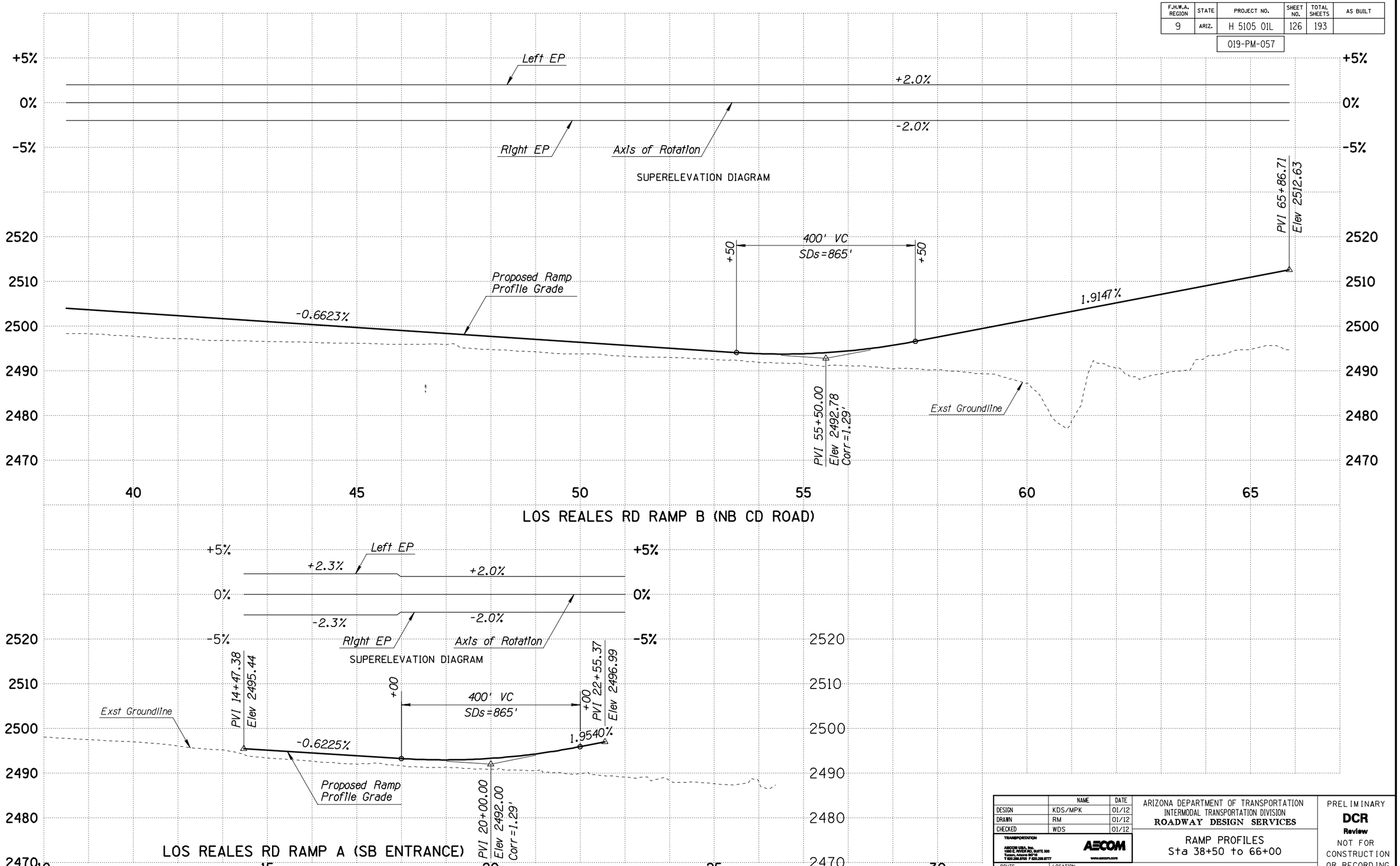
SHEETC-5.03OFC-5.21

TRACS NO. H 5105 01L		019-PM-057	125 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v18.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	126	193	
		019-PM-057			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.



LOS REALES RD RAMP B (NB CD ROAD)

LOS REALES RD RAMP A (SB ENTRANCE)

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
7720 E. RIVER RD, SUITE 300
TUCSON, AZ 85715
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

RAMP PROFILES
Sta 38+50 to 66+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

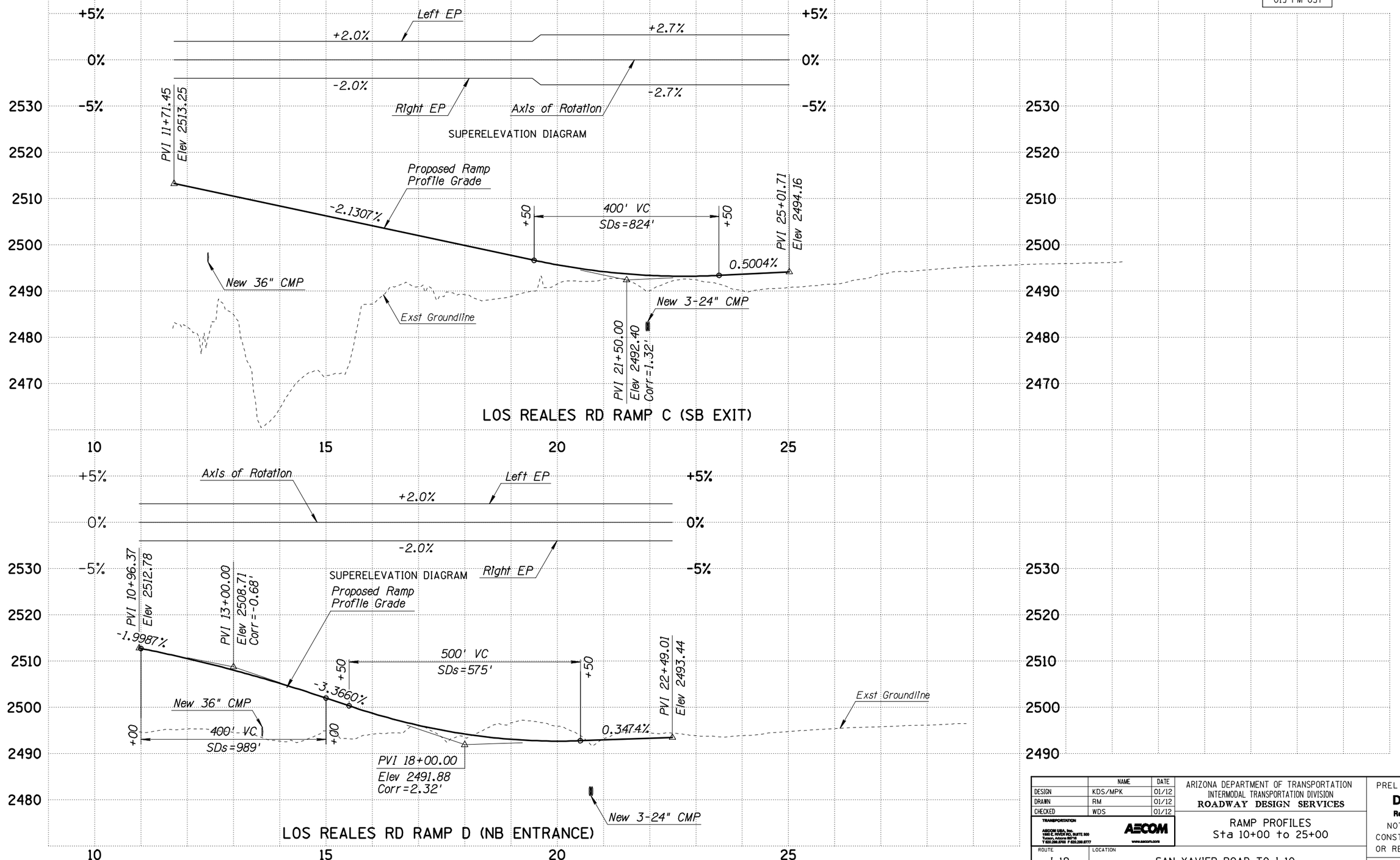
SHEETC-5.040FC-5.21

126 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v19.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	127	193	
		019-PM-057			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
3200 E. Camelback, Suite 350
Phoenix, Arizona 85018
T 602.371.1100 F 602.371.1615
AECOM
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

RAMP PROFILES
Sta 10+00 to 25+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

SHEET C-5.05 OF C-5.21

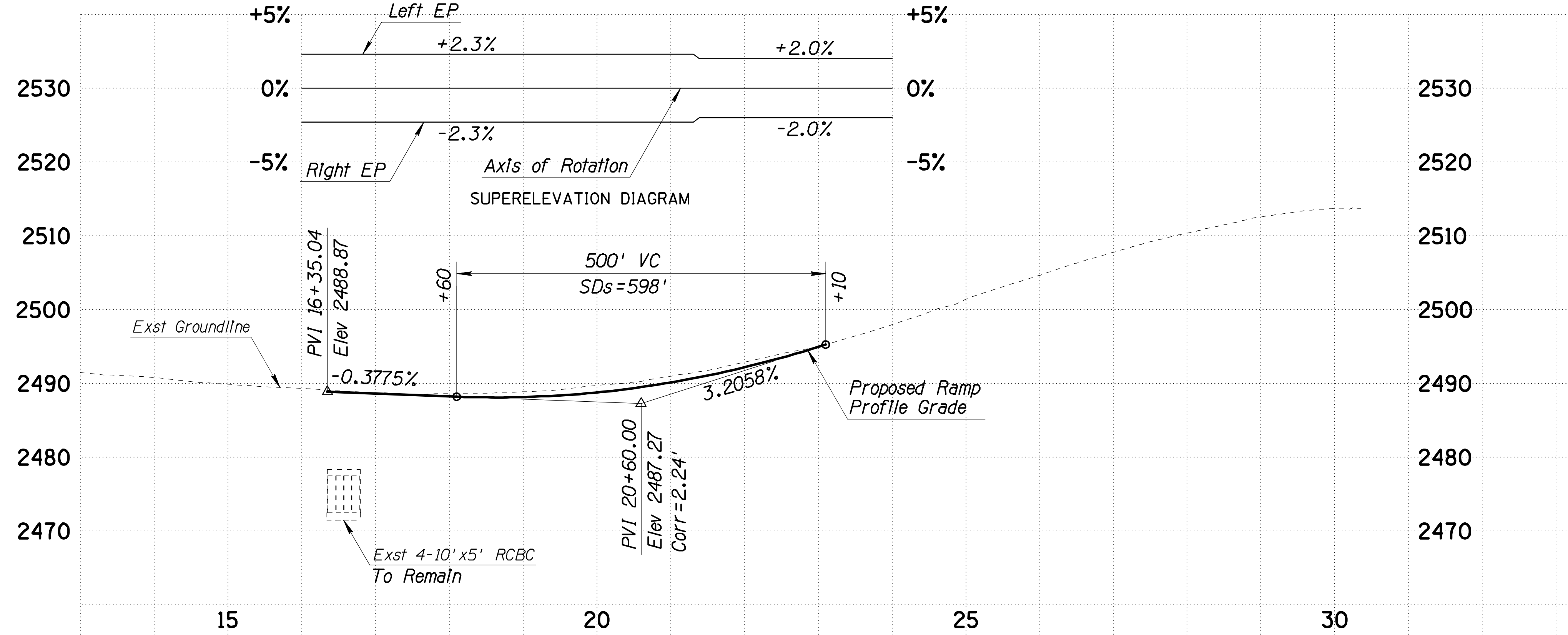
TRACS NO. H 5105 01L | 019-PM-057

127 OF 193

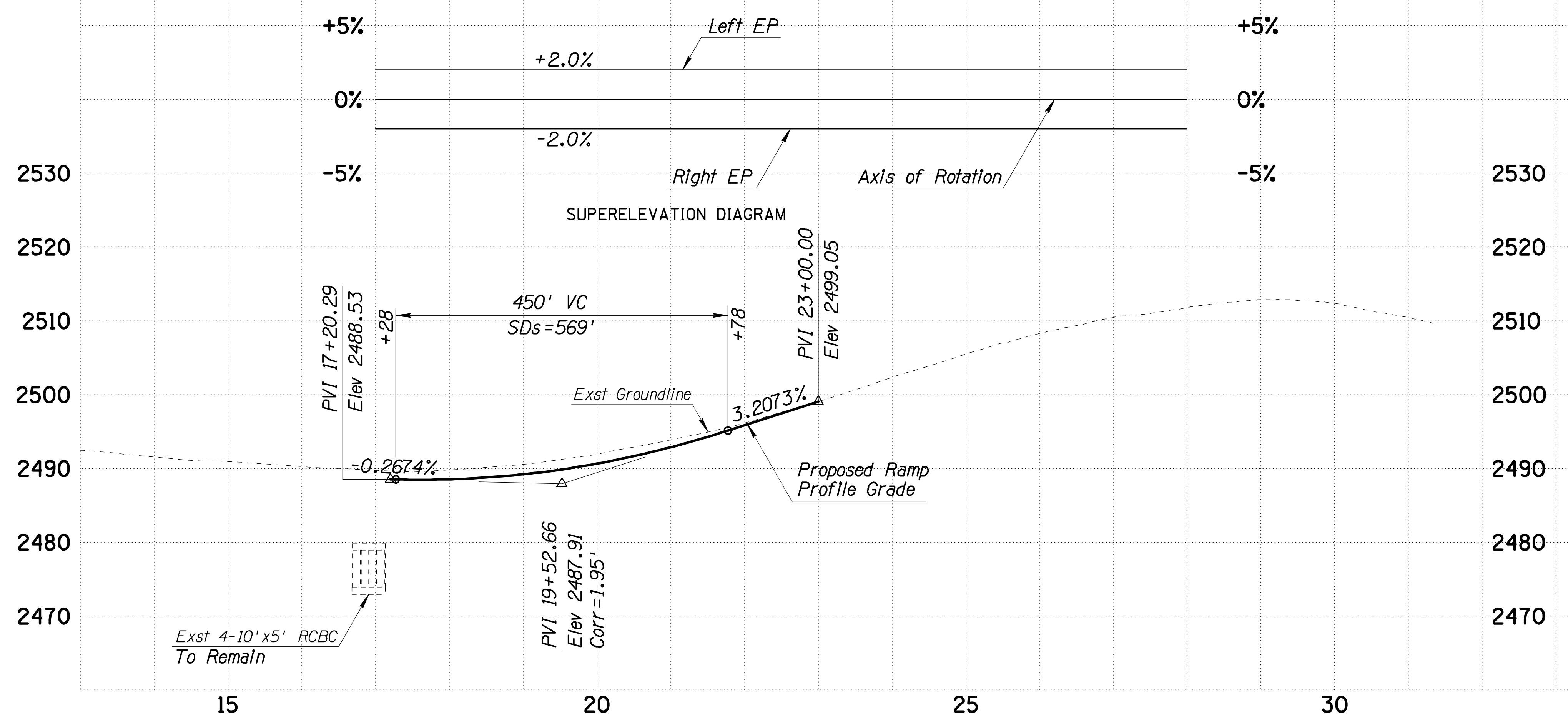
1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v20.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	128	193	

019-PM-057



VALENCIA RD RAMP A (SB ENTRANCE)



VALENCIA RD RAMP B (NB EXIT)

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ROADWAY DESIGN SERVICES

RAMP PROFILES
Sta 15+00 to 30+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

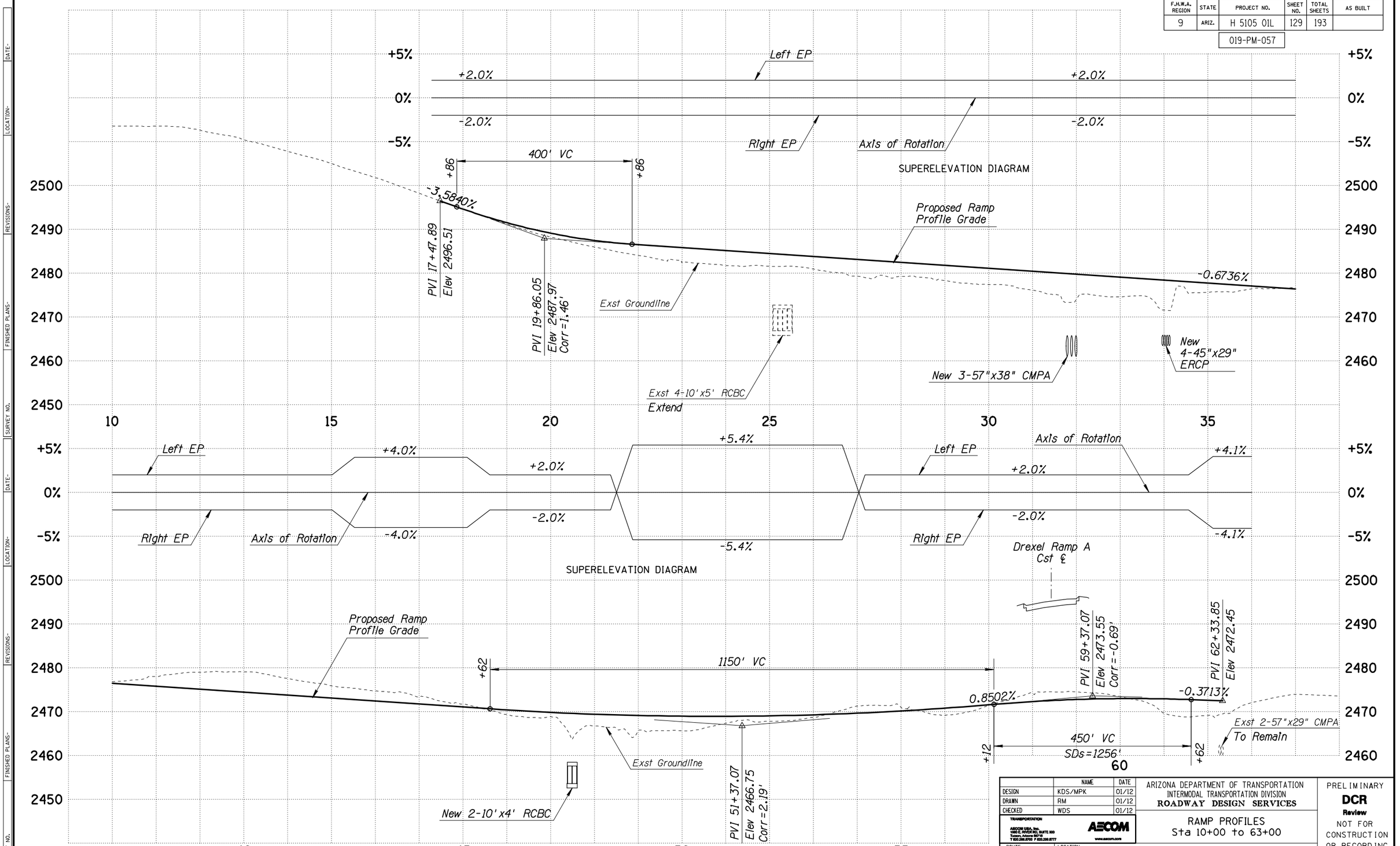
SHEETC-5.060FC-5.21

TRACS NO. H 5105 01L | 019-PM-057 | 128 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Profiles\h5105v21.dgn

DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	129	193	
		019-PM-057			



VALENCIA RD RAMP C (SB EXIT)

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1840 E. RIVER RD, SUITE 300
Tucson, Arizona 85718
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

RAMP PROFILES
Sta 10+00 to 63+00

PRELIMINARY
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Review
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ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

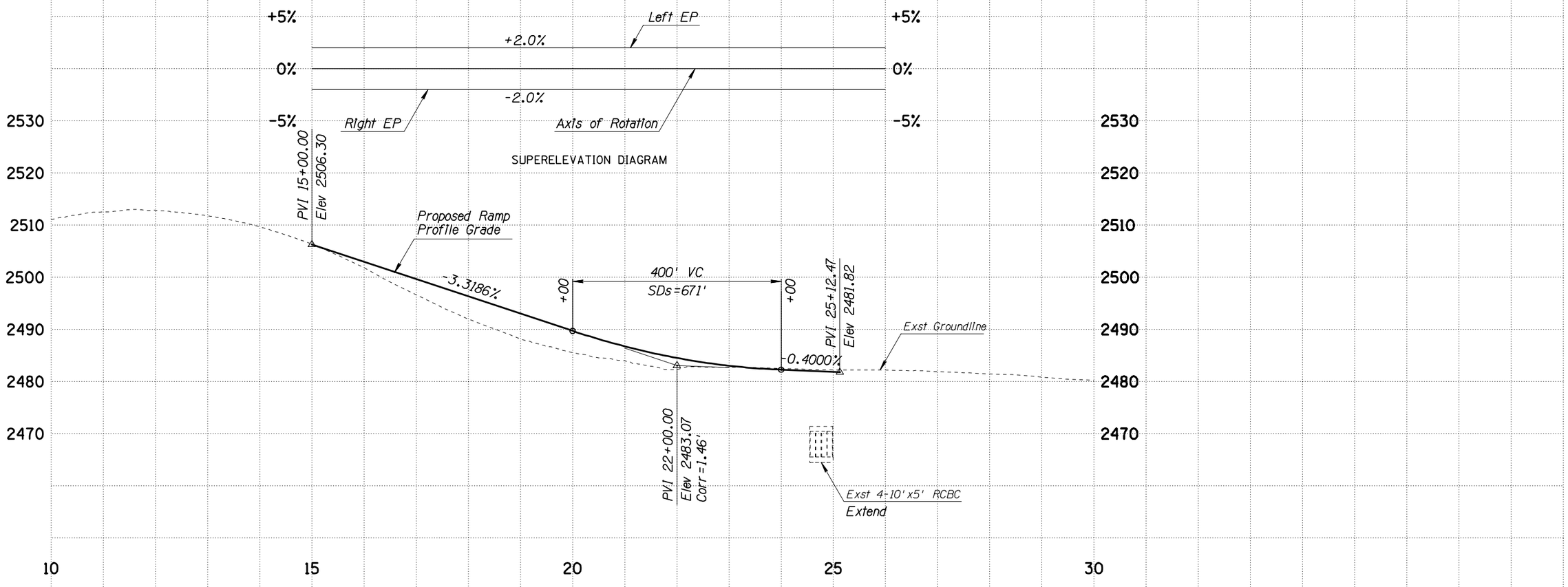
SHEETC-5.070FC-5.21

TRACS NO. H 5105 01L | 019-PM-057 | 129 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v22.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	130	193	
		019-PM-057			



VALENCIA RD RAMP D (NB ENTRANCE)

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1840 E. RIVER RD, SUITE 300
Tucson, Arizona 85718
T 520.290.8700 F 520.290.8777
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

RAMP PROFILES
Sta 10+00 to 30+00

PRELIMINARY
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Review
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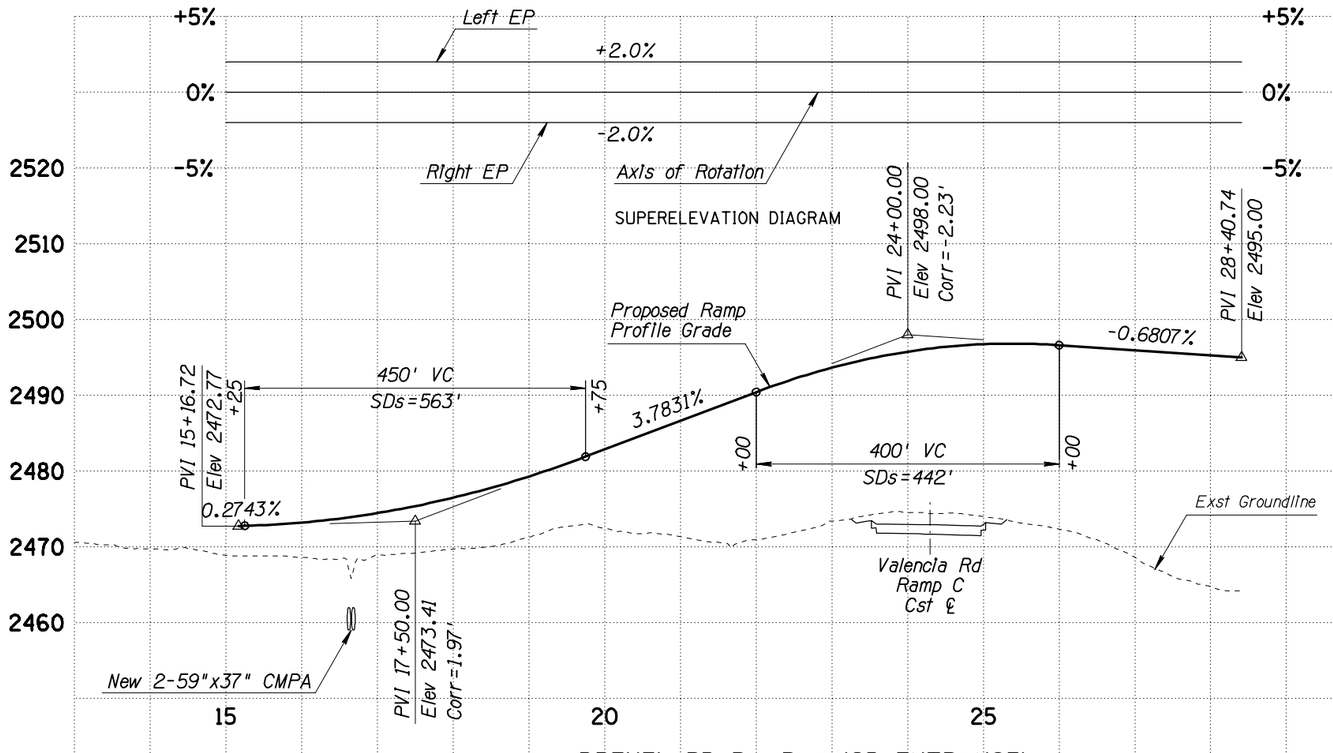
ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10
SHEET: C-5.08 OF C-5.21

TRACS NO. H 5105 01L | 019-PM-057 | 130 OF 193

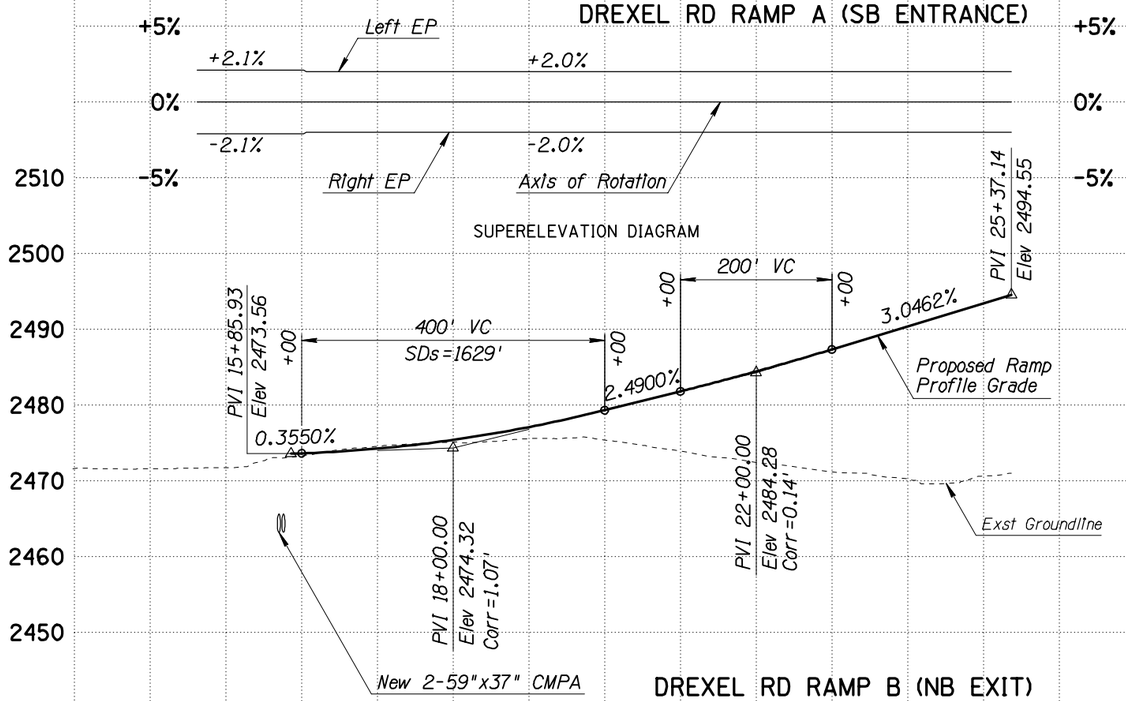
1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v23.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	131	193	
		019-PM-057			



DREXEL RD RAMP A (SB ENTRANCE)



DREXEL RD RAMP B (NB EXIT)

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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AECOM USA, Inc.
1840 E. RIVER RD., SUITE 300
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RAMP PROFILES
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ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

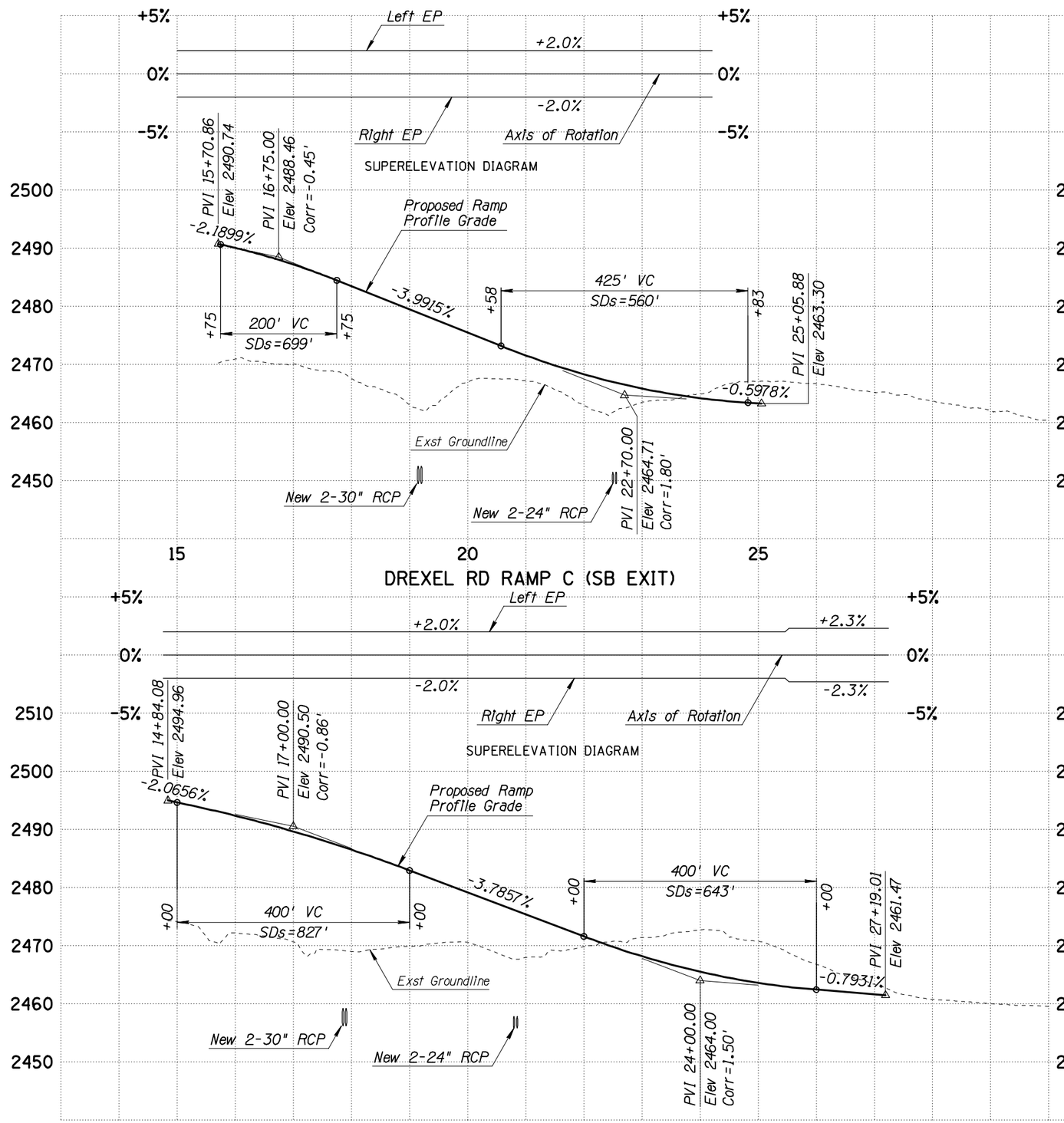
SHEETC-5.090FC-5.21

TRACS NO. H 5105 01L | 019-PM-057 | 131 OF 193

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v24.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	132	193	
		019-PM-057			



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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7720 E. INDIAN SCHOOL RD, SUITE 300
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ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET C-5.10 OF C-5.21

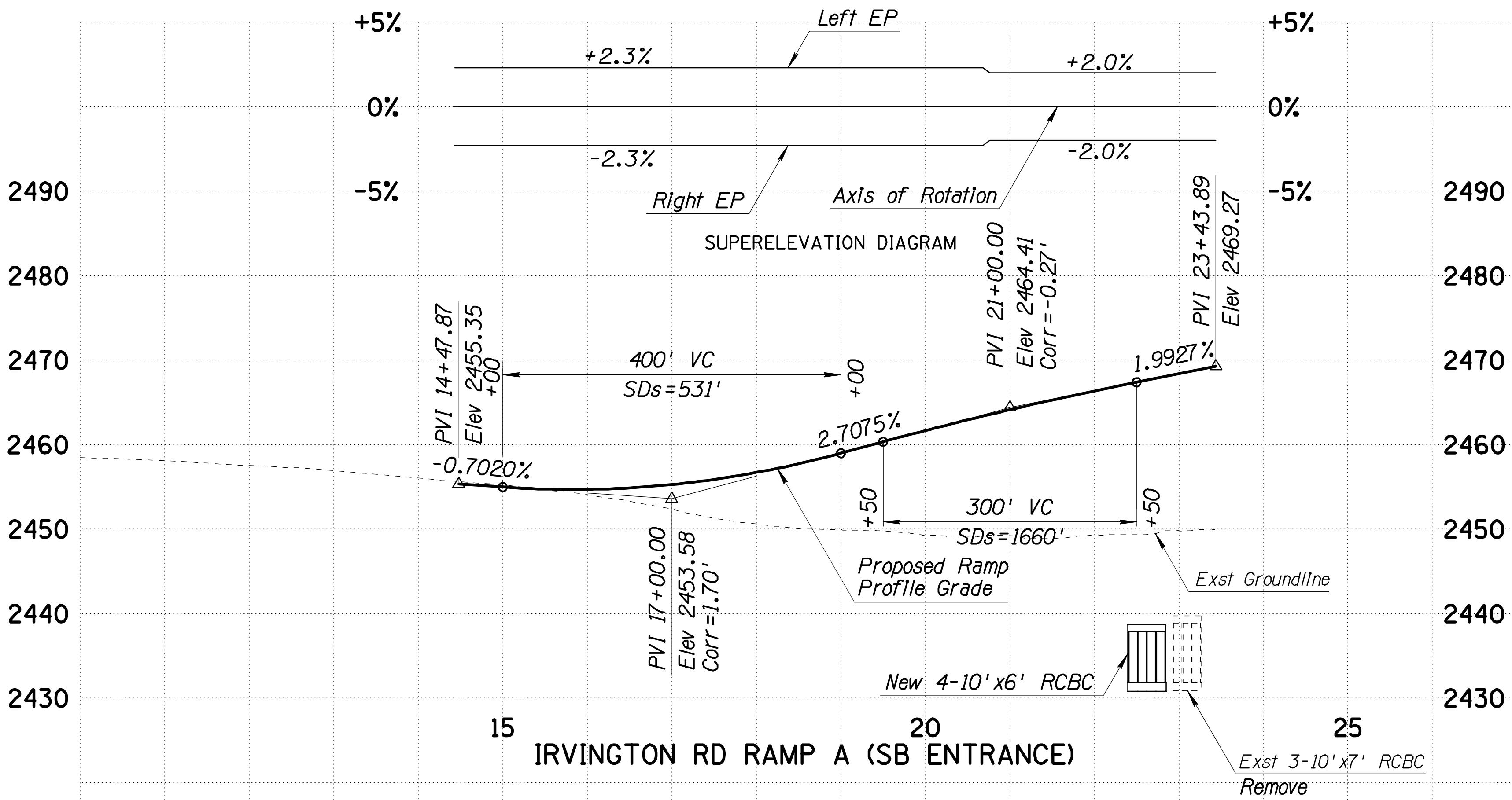
132 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v25.dgn

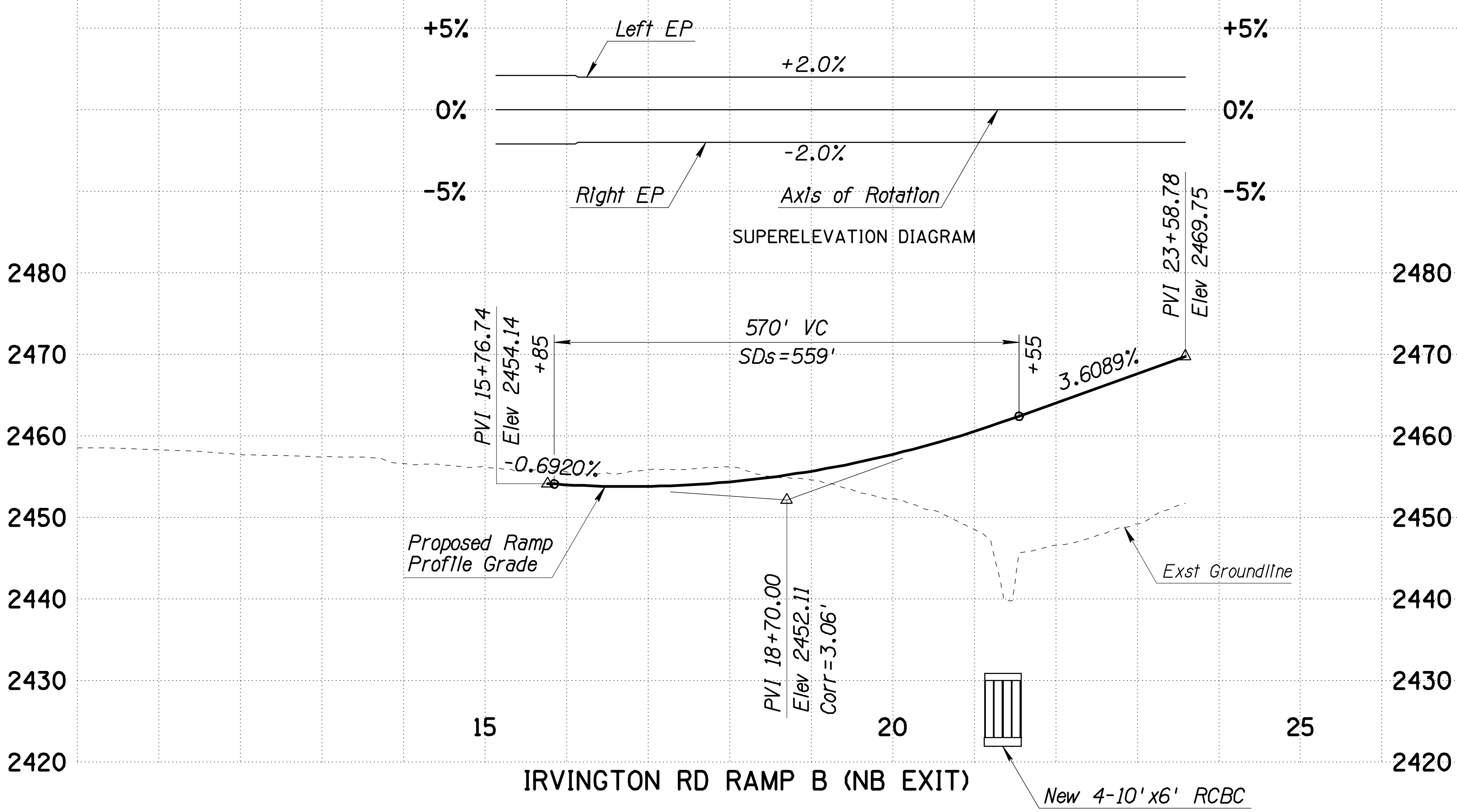
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	133	193	

019-PM-057



IRVINGTON RD RAMP A (SB ENTRANCE)



IRVINGTON RD RAMP B (NB EXIT)

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

RAMP PROFILES
Sta 10+00 to 25+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

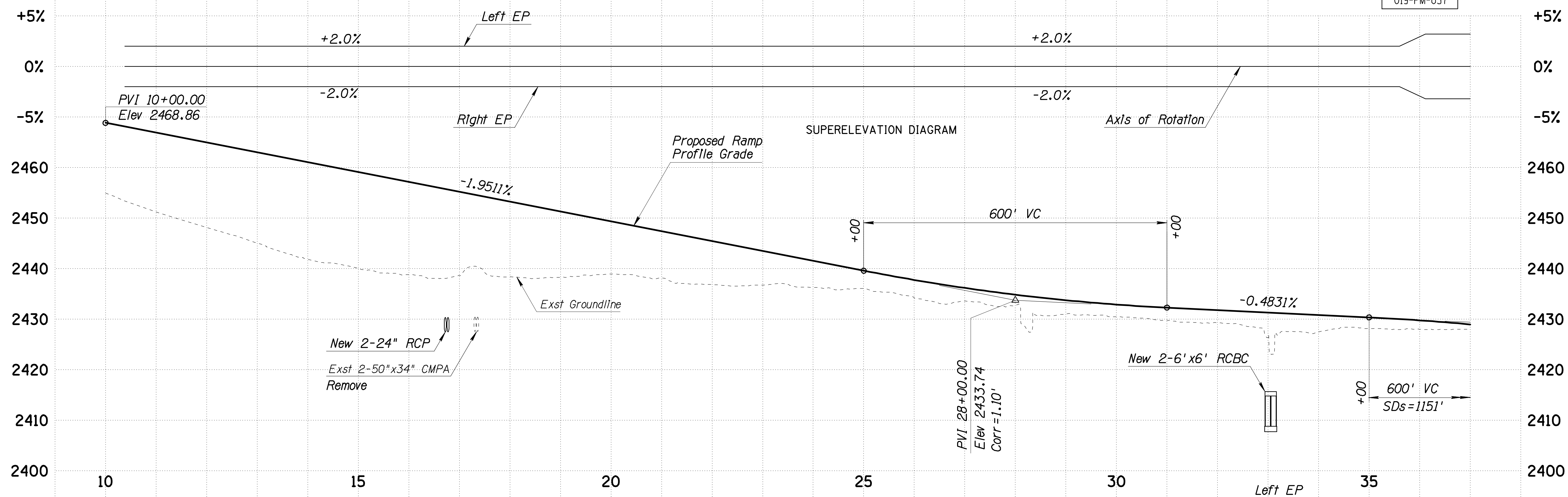
ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

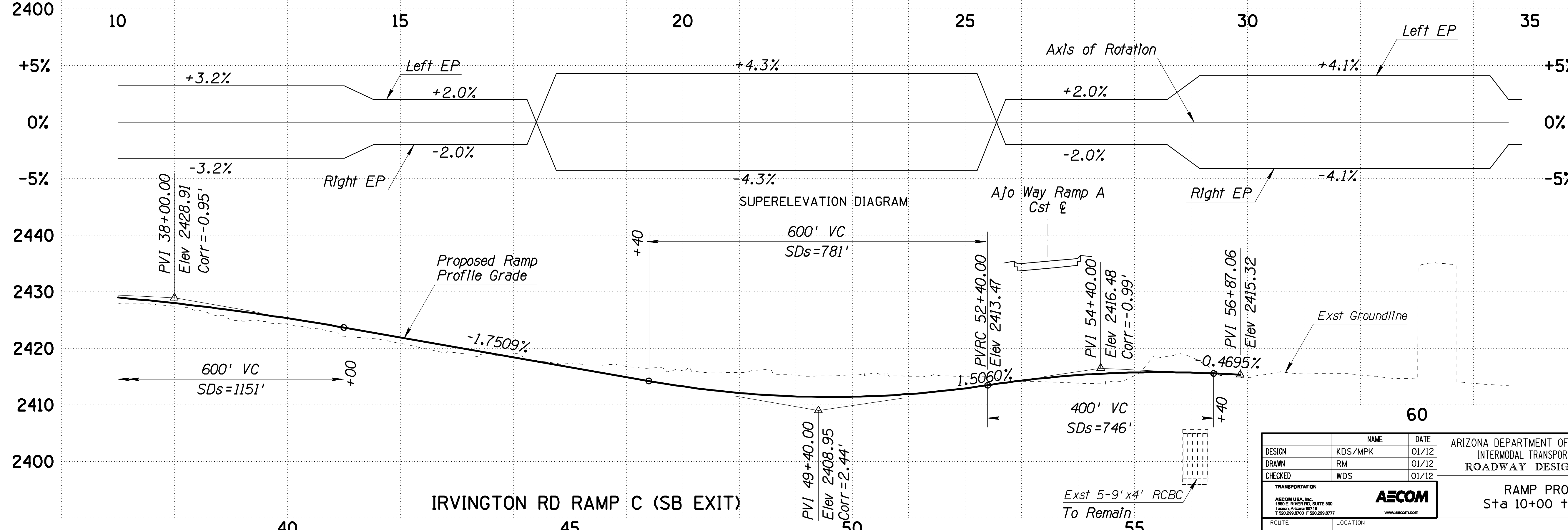
SHEET C-5.11 OF C-5.21

TRACS NO. H 5105 01L | 019-PM-057 | 133 OF 193

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	134	193	

019-PM-057





IRVINGTON RD RAMP C (SB EXIT)

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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RAMP PROFILES
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Review
NOT FOR CONSTRUCTION OR RECORDING

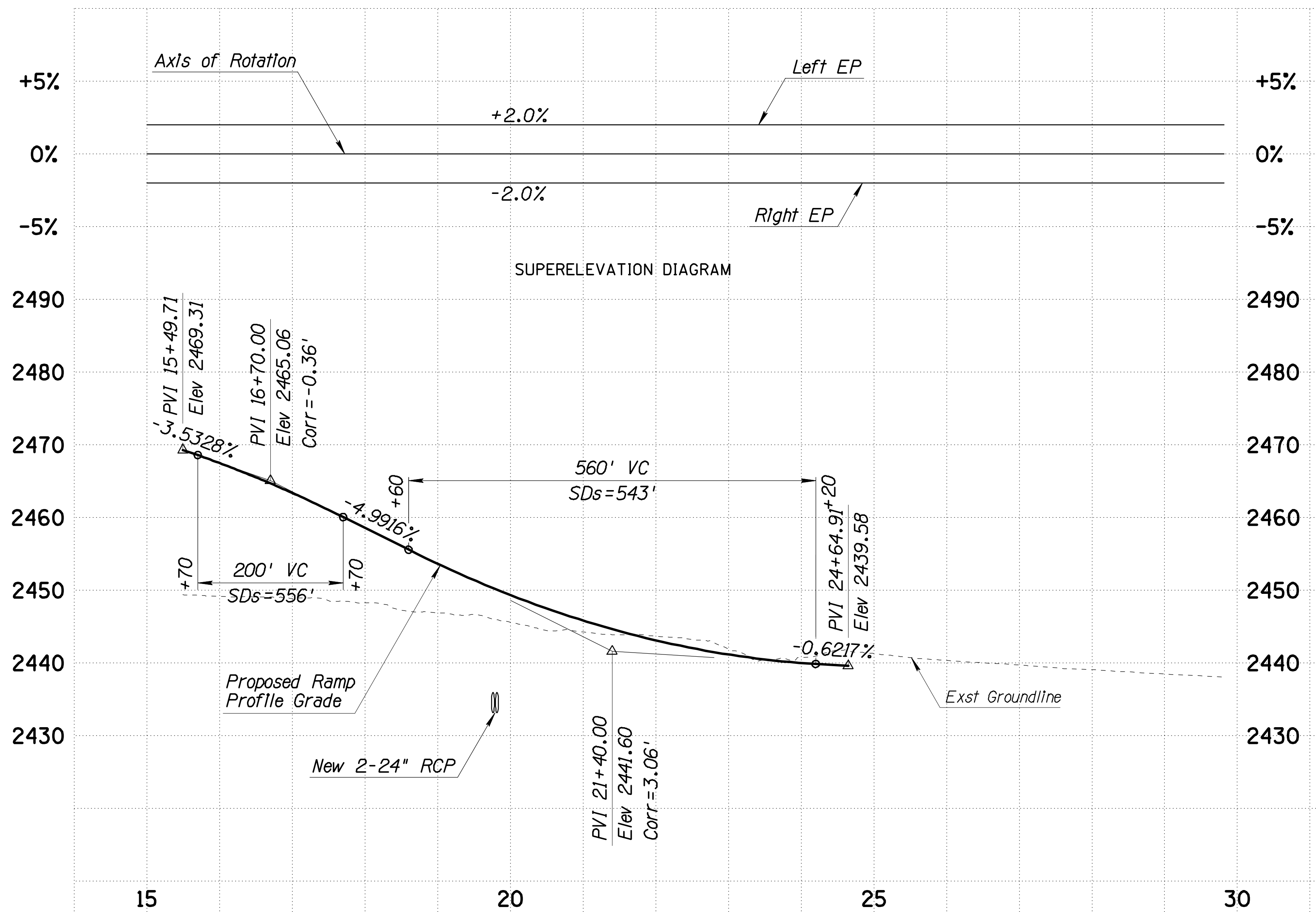
ROUTE I-19 | LOCATION SAN XAVIER ROAD TO I-10

SHEET C-5.12 OF C-5.21

TRACS NO. H 5105 01L | 019-PM-057 | 134 OF 193

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	135	193	

019-PM-057



IRVINGTON RD RAMP D (NB ENTRANCE)

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

AECOM

RAMP PROFILES
Sta 15+00 to 30+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE: I-19 | LOCATION: SAN XAVIER ROAD TO I-10

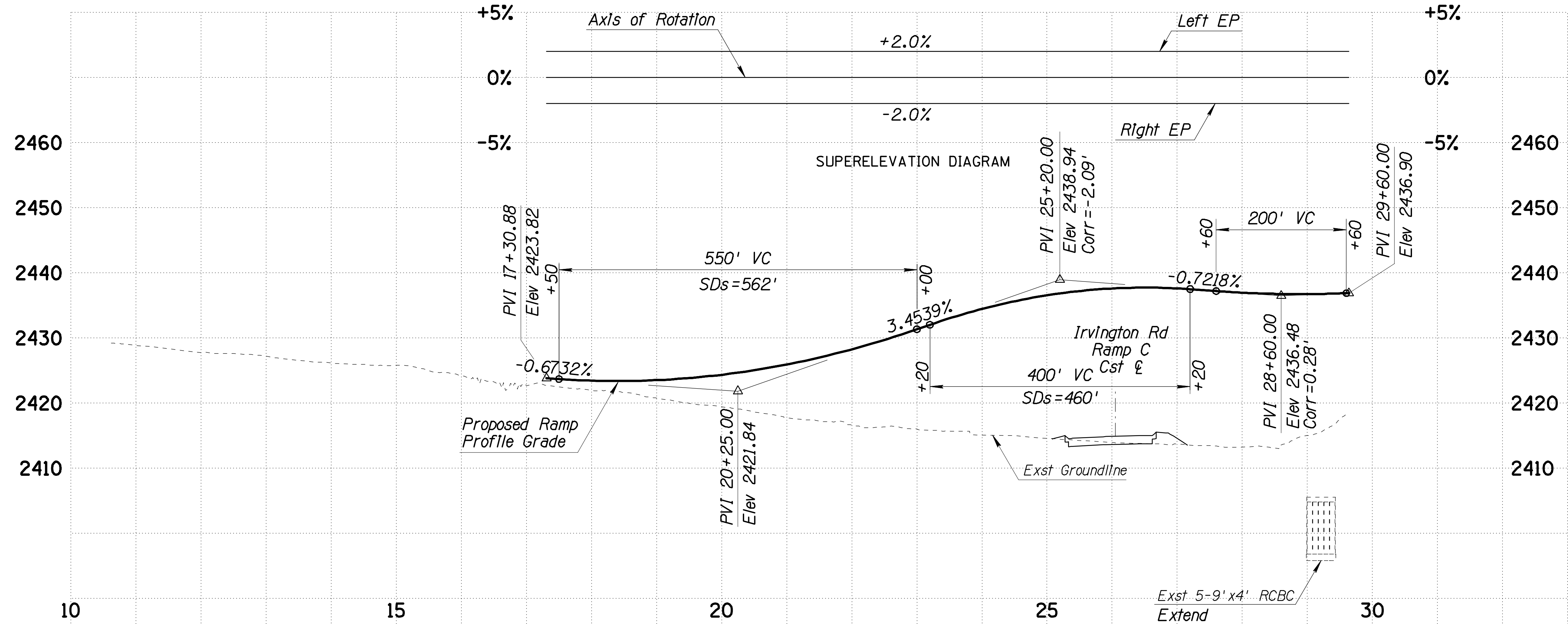
SHEET C-5.13 OF C-5.21

TRACS NO. H 5105 01L | 019-PM-057 | 135 OF 193

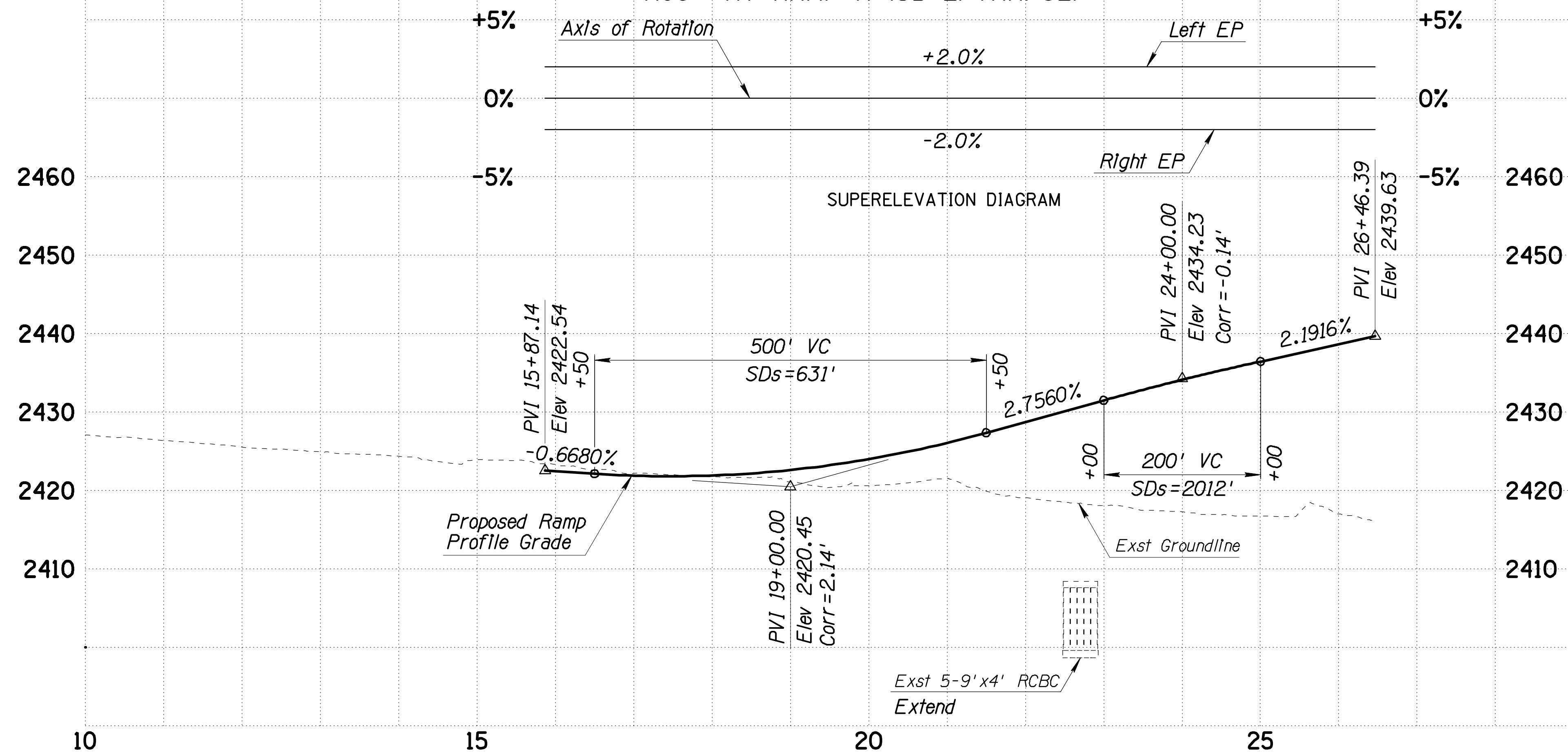
1/16/2012 t:\6310 i-19 stage ii\prod\civ\Profiles\h5105v28.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	136	193	

019-PM-057



AJO WAY RAMP A (SB ENTRANCE)



AJO WAY RAMP B (NB EXIT)

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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AECOM

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INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

RAMP PROFILES
Sta 10+00 to 30+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE: I-19 | LOCATION: SAN XAVIER ROAD TO I-10

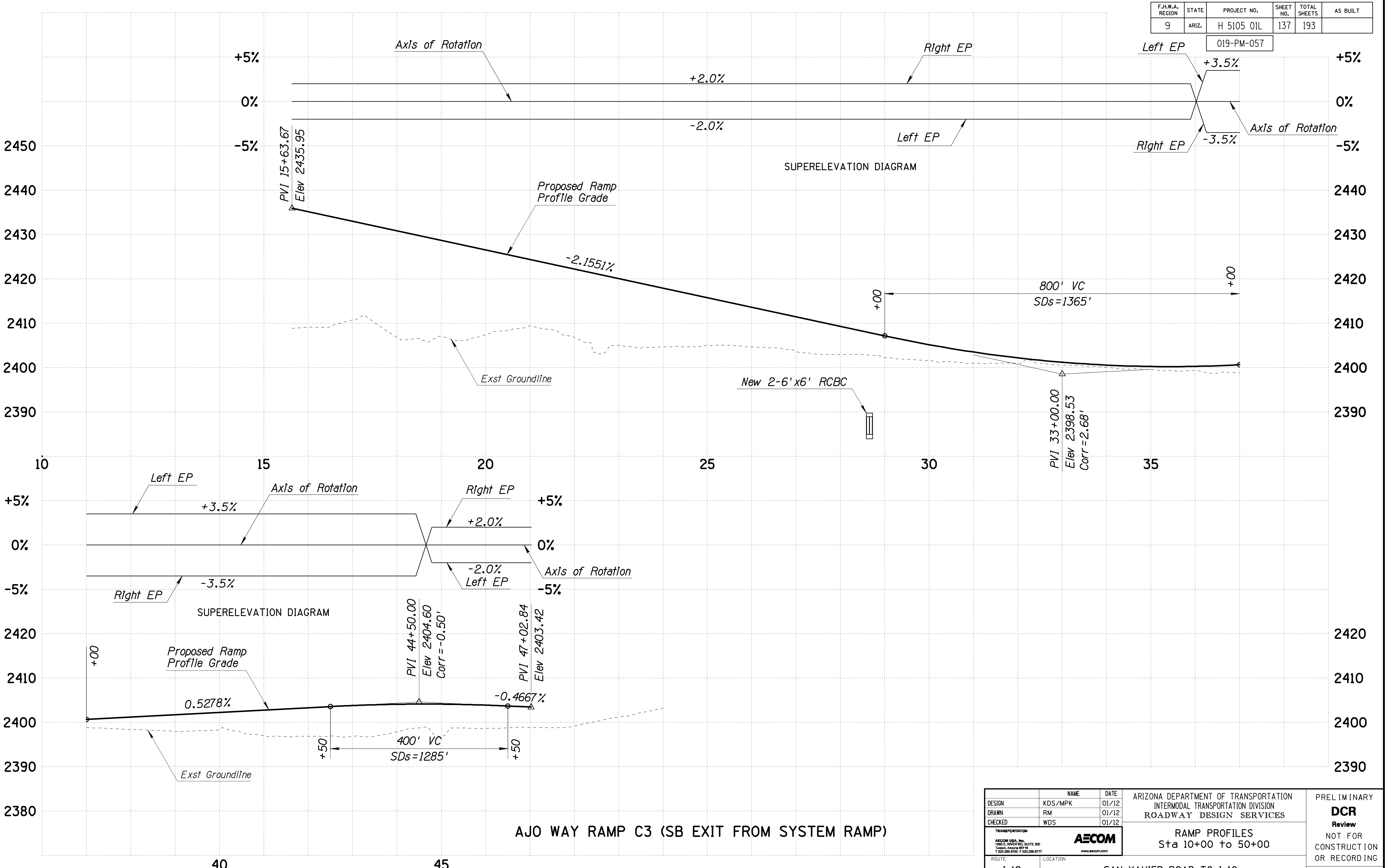
SHEET C-5.14 OF C-5.21

TRACS NO. H 5105 01L | 019-PM-057 | 136 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Profiles\h5105v29.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	137	193	

019-PM-057



AJO WAY RAMP C3 (SB EXIT FROM SYSTEM RAMP)

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

RAMP PROFILES
Sta 10+00 to 50+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

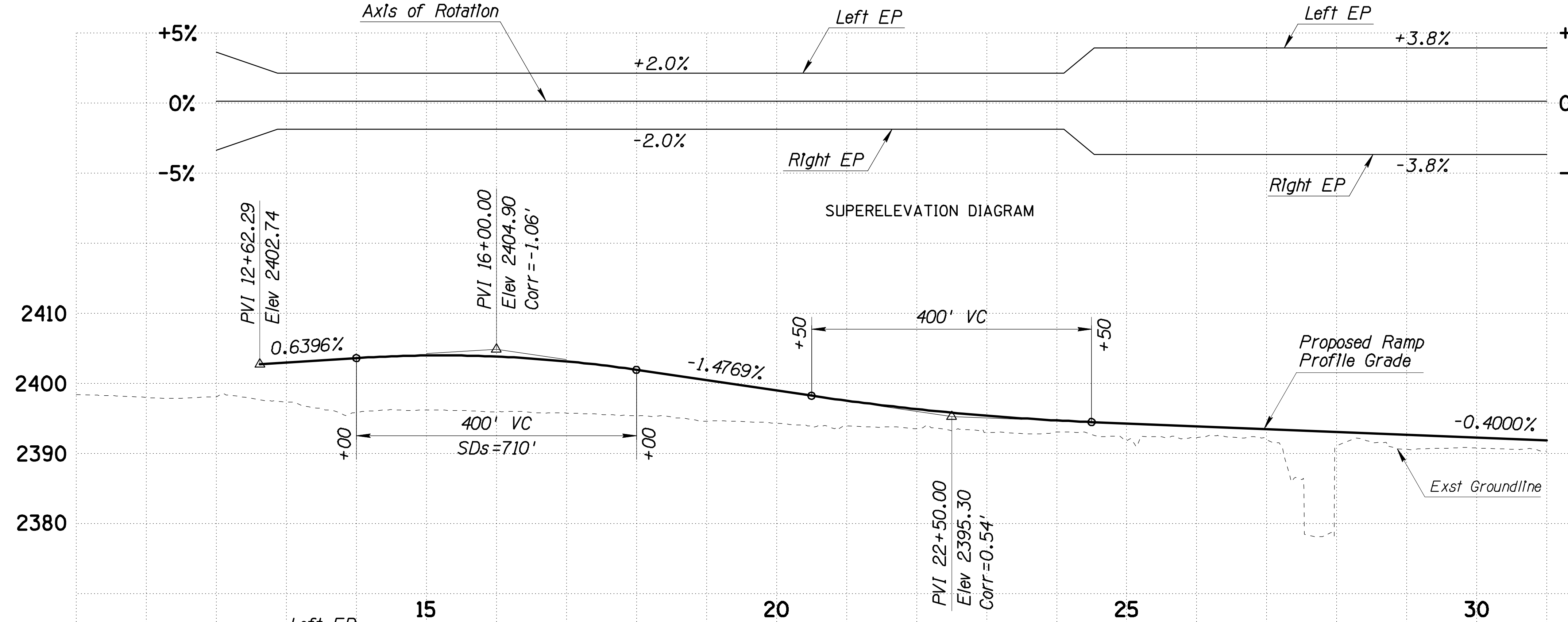
SHEET C-5.15 OF C-5.21

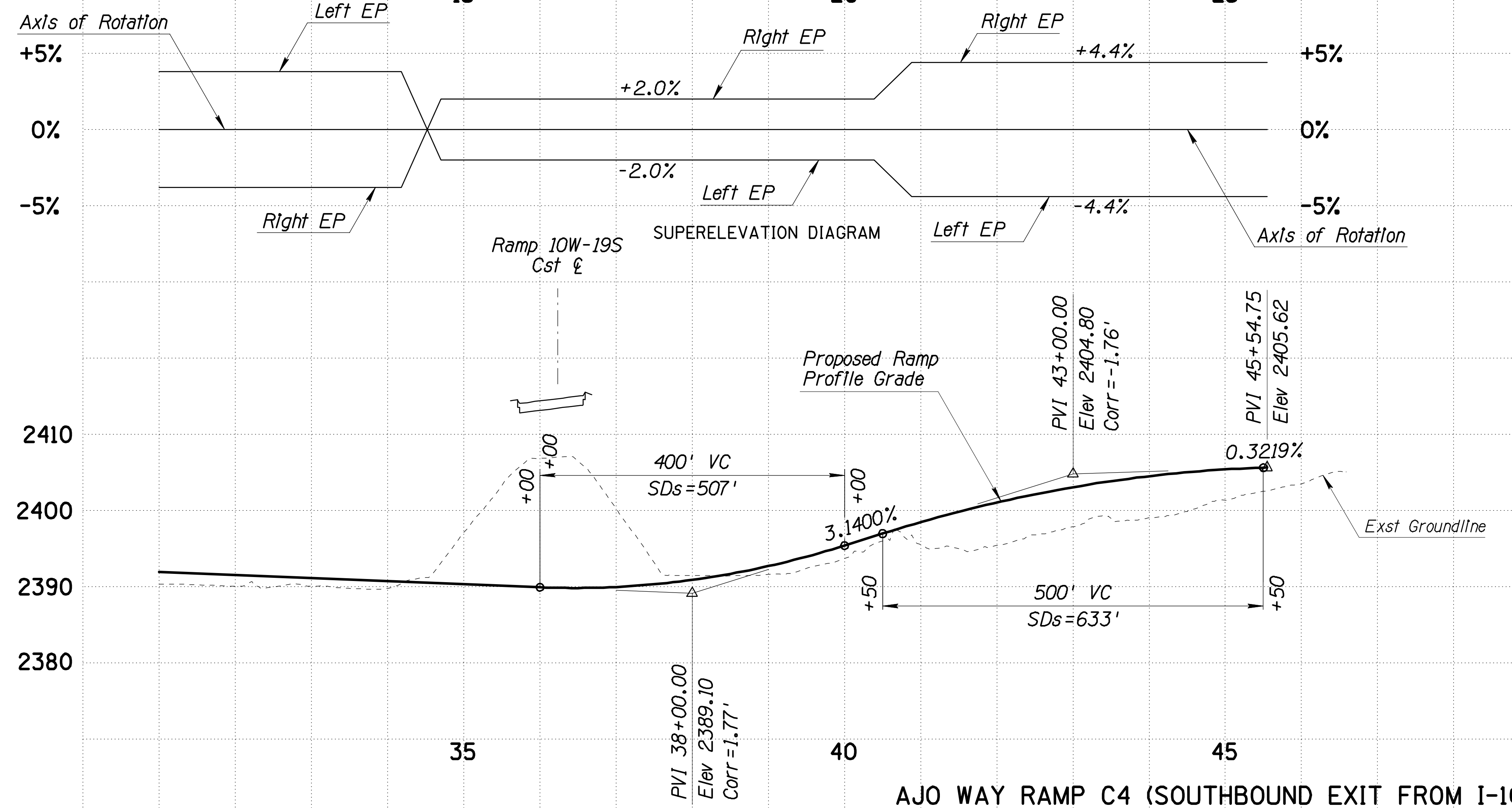
TRACS NO. H 5105 01L | 019-PM-057

1/16/2012   t:\6310 i-19 stage ii\prod\civ\Profiles\h5105v30.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	138	193	

019-PM-057





AJO WAY RAMP C4 (SOUTHBOUND EXIT FROM I-10)

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

RAMP PROFILES
Sta 10+00 to 50+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

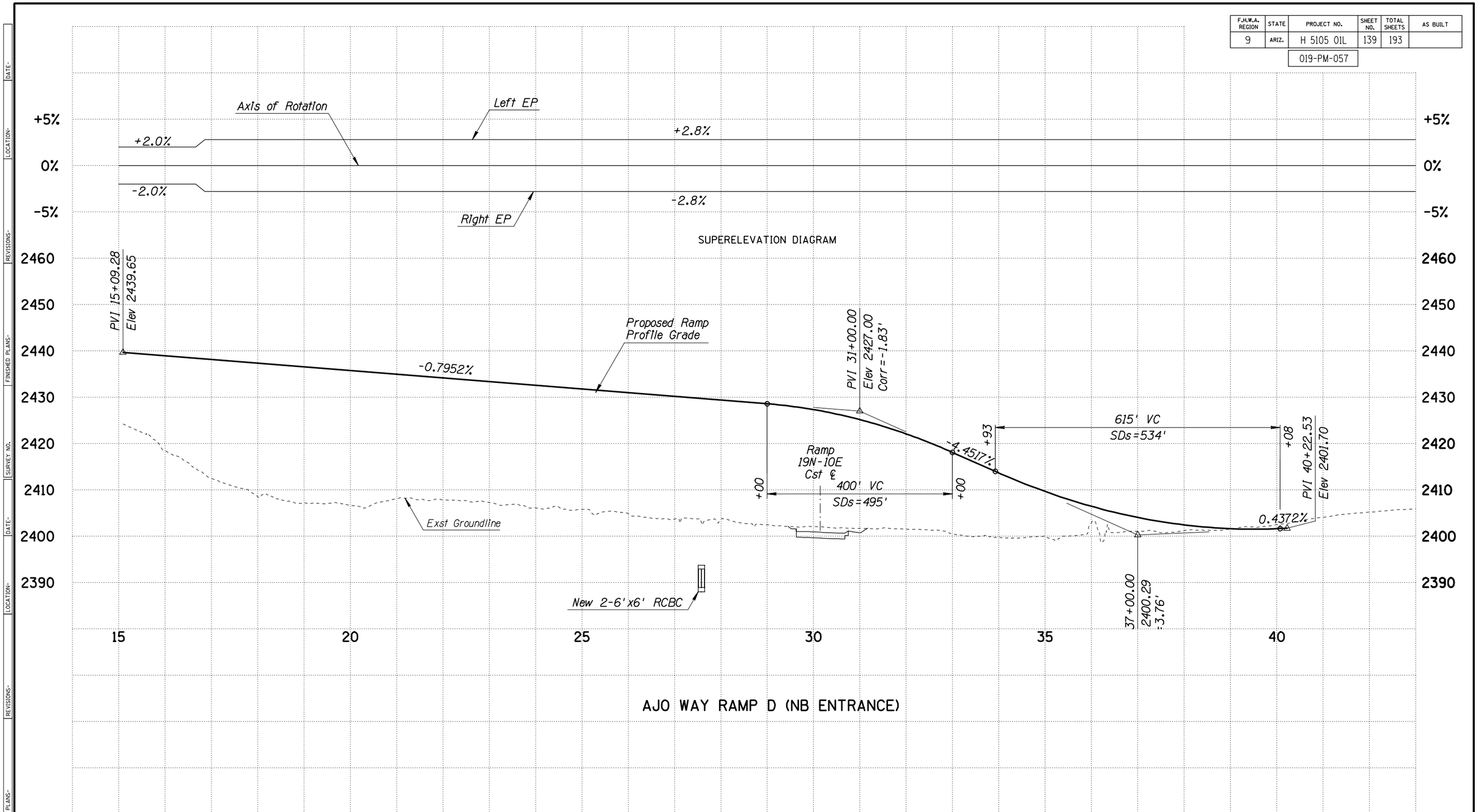
ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

SHEET C-5.16 OF C-5.21

TRACS NO. H 5105 01L | 019-PM-057 | 138 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Profiles\h5105v31.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	139	193	
		019-PM-057			



AJO WAY RAMP D (NB ENTRANCE)

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1660 E. RIVER RD., SUITE 300
Tucson, Arizona 85718
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ROADWAY DESIGN SERVICES

RAMP PROFILES
Sta 15+00 to 43+00

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

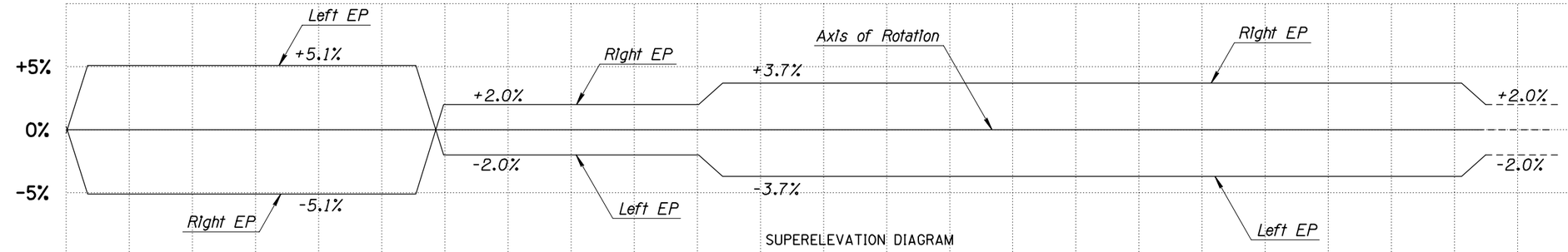
SHEET C-5.17 OF C-5.21

TRACS NO. H 5105 01L | 019-PM-057 | 139 OF 193

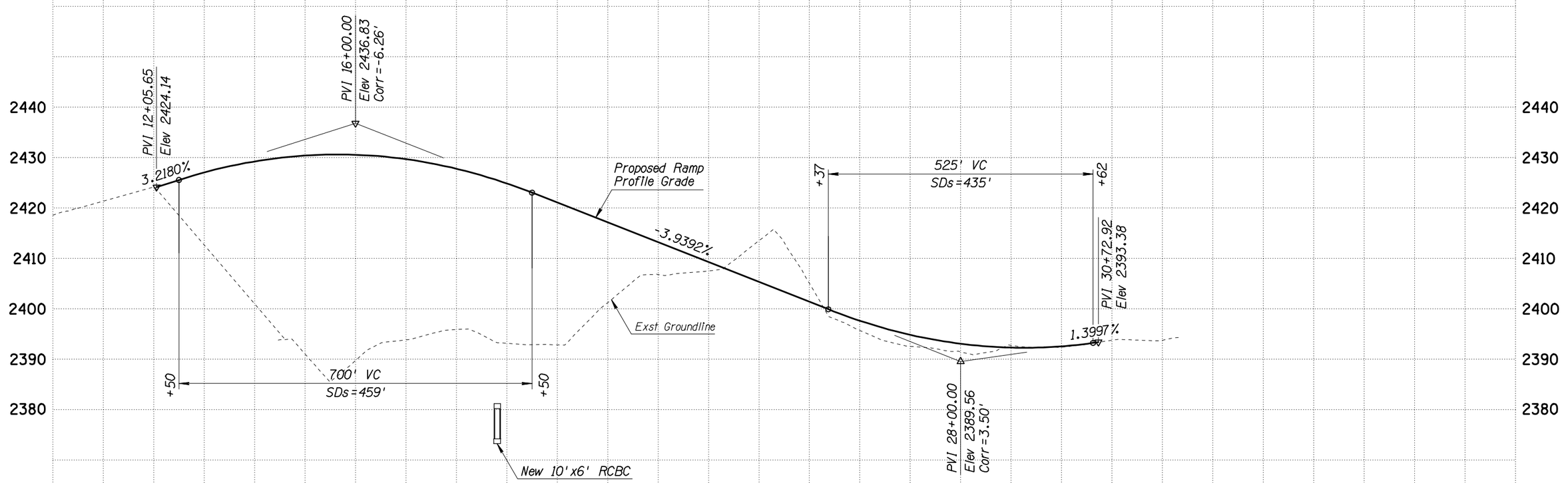
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v32.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	140	193	
		019-PM-057			



SUPERELEVATION DIAGRAM



EBFR - 10W-19S CONNECTION

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
7720 E. Redfield Rd, Suite 300
Scottsdale, AZ 85260
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ROADWAY DESIGN SERVICES

RAMP PROFILES
Sta 10+00 to 33+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION	SHEET
I-19	SAN XAVIER ROAD TO I-10	C-5.18 OF C-5.21

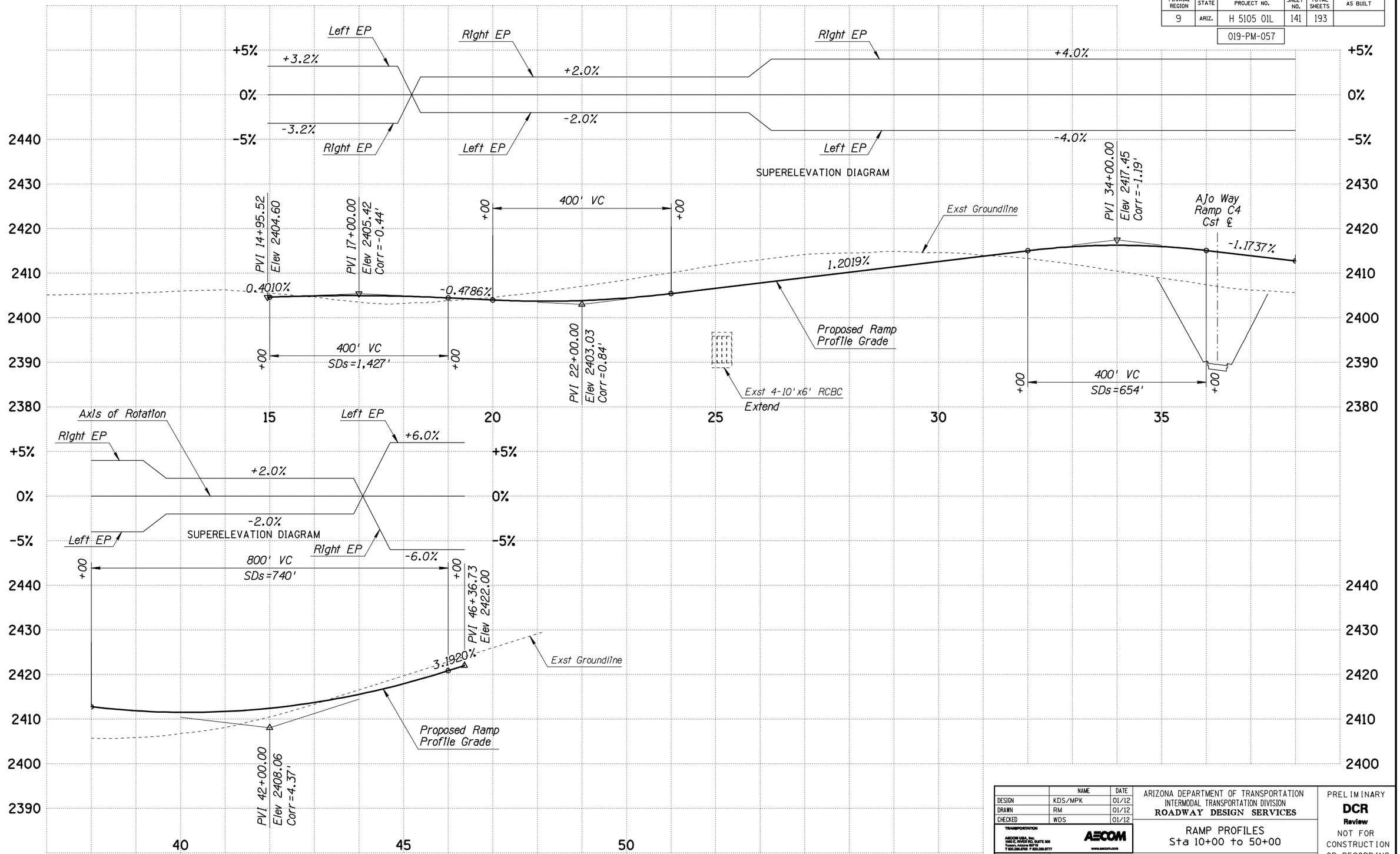
TRACS NO. H 5105 01L		019-PM-057	140 OF 193

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v33.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	141	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



10W-19S RAMP ℄

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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7720 E. INDIAN SCHOOL RD., SUITE 300
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RAMP PROFILES
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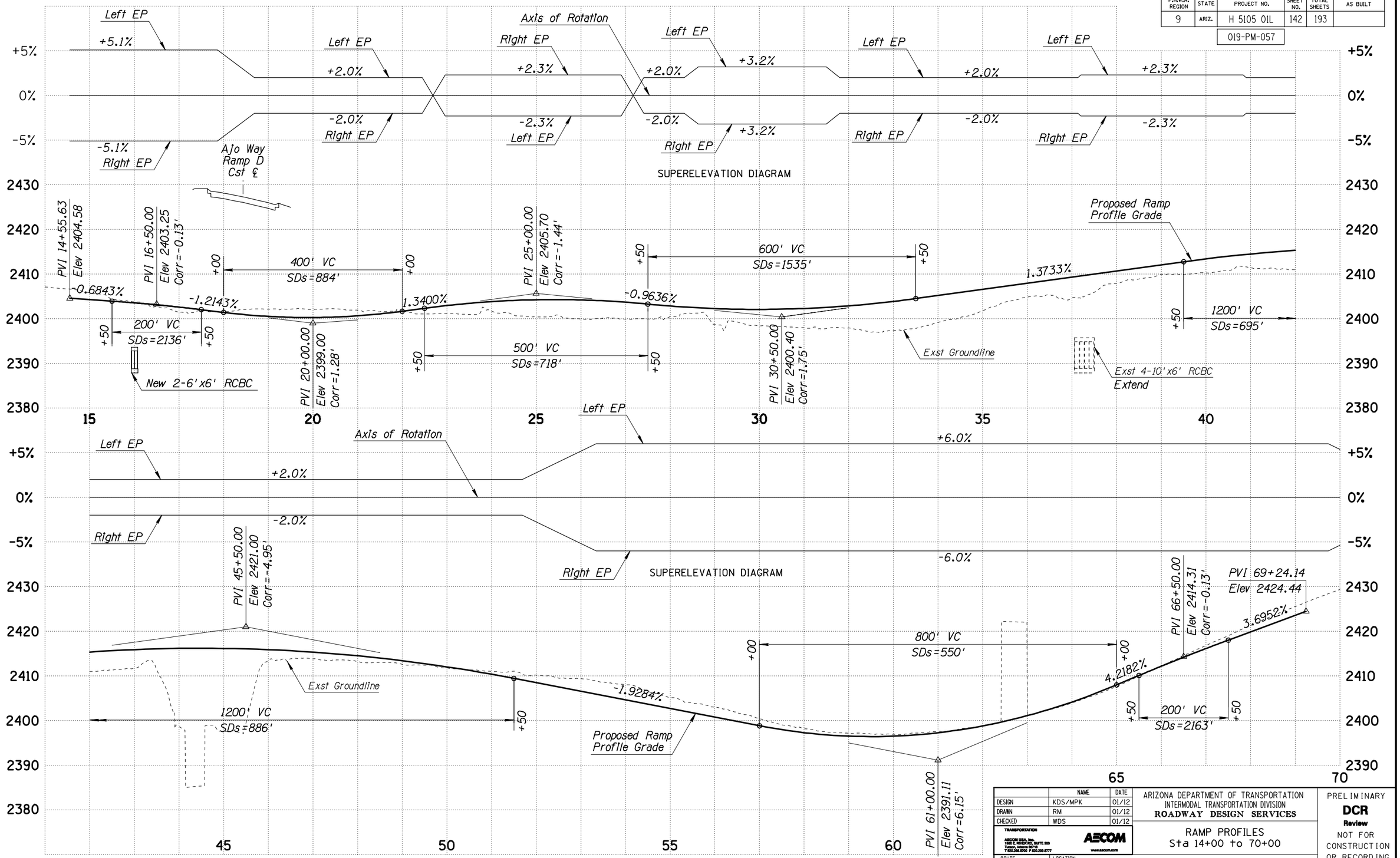
PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION	SHEET
I-19	SAN XAVIER ROAD TO I-10	C-5.19 OF C-5.21
TRACS NO. H 5105 01L	019-PM-057	141 OF 193

1/16/2012 t:\6310 i-19 stage 1\prod\civ\Profiles\h5105v34.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	142	193	
		019-PM-057			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.



19N-10E RAMP ℄

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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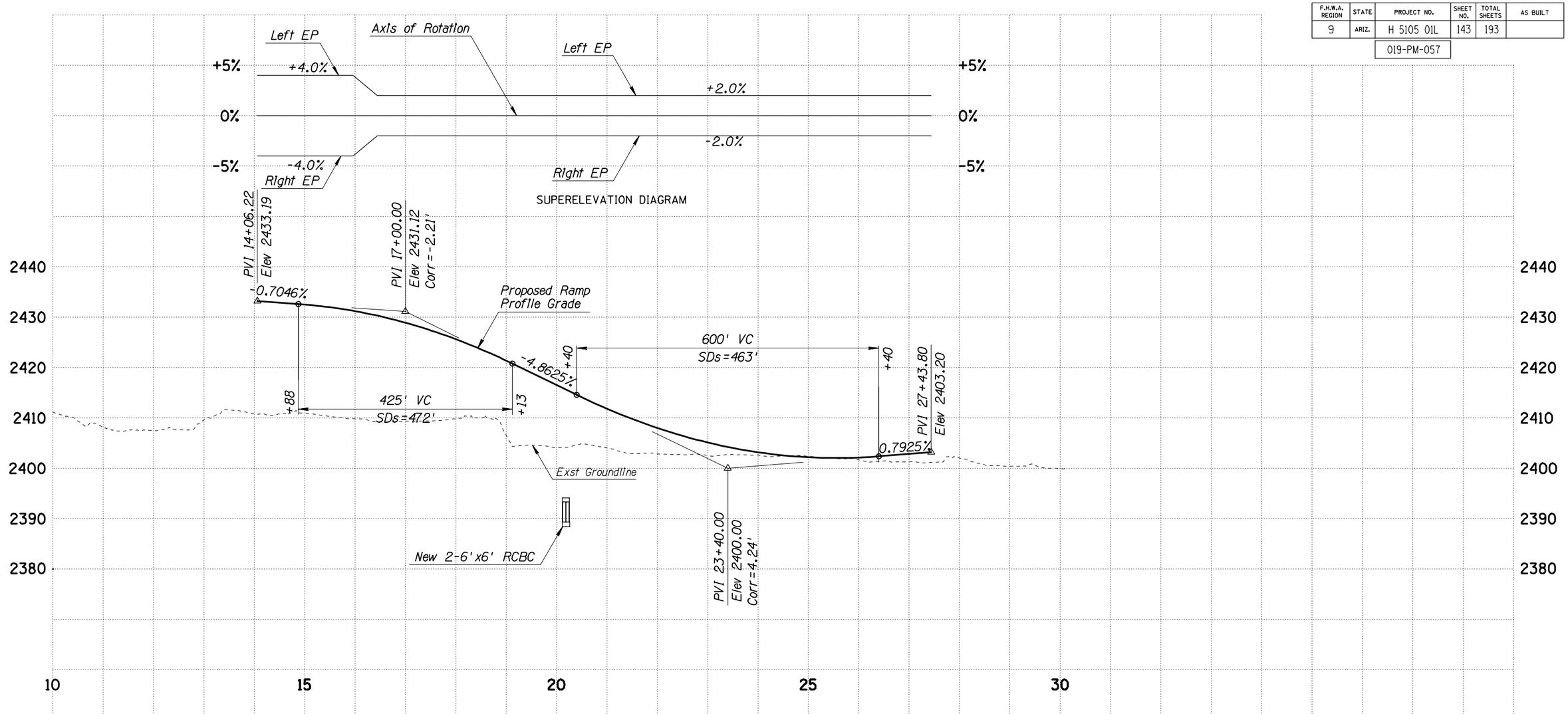
Sta 14+00 to 70+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION	SHEETC-5.200FC-5.21
I-19	SAN XAVIER ROAD TO I-10	
TRACS NO. H 5105 01L	019-PM-057	142 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v35.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	143	193	
		019-PM-057			



AJO WAY - 19N-10E CONNECTION RAMP ℄

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

SHEET C-5.21 OF C-5.21

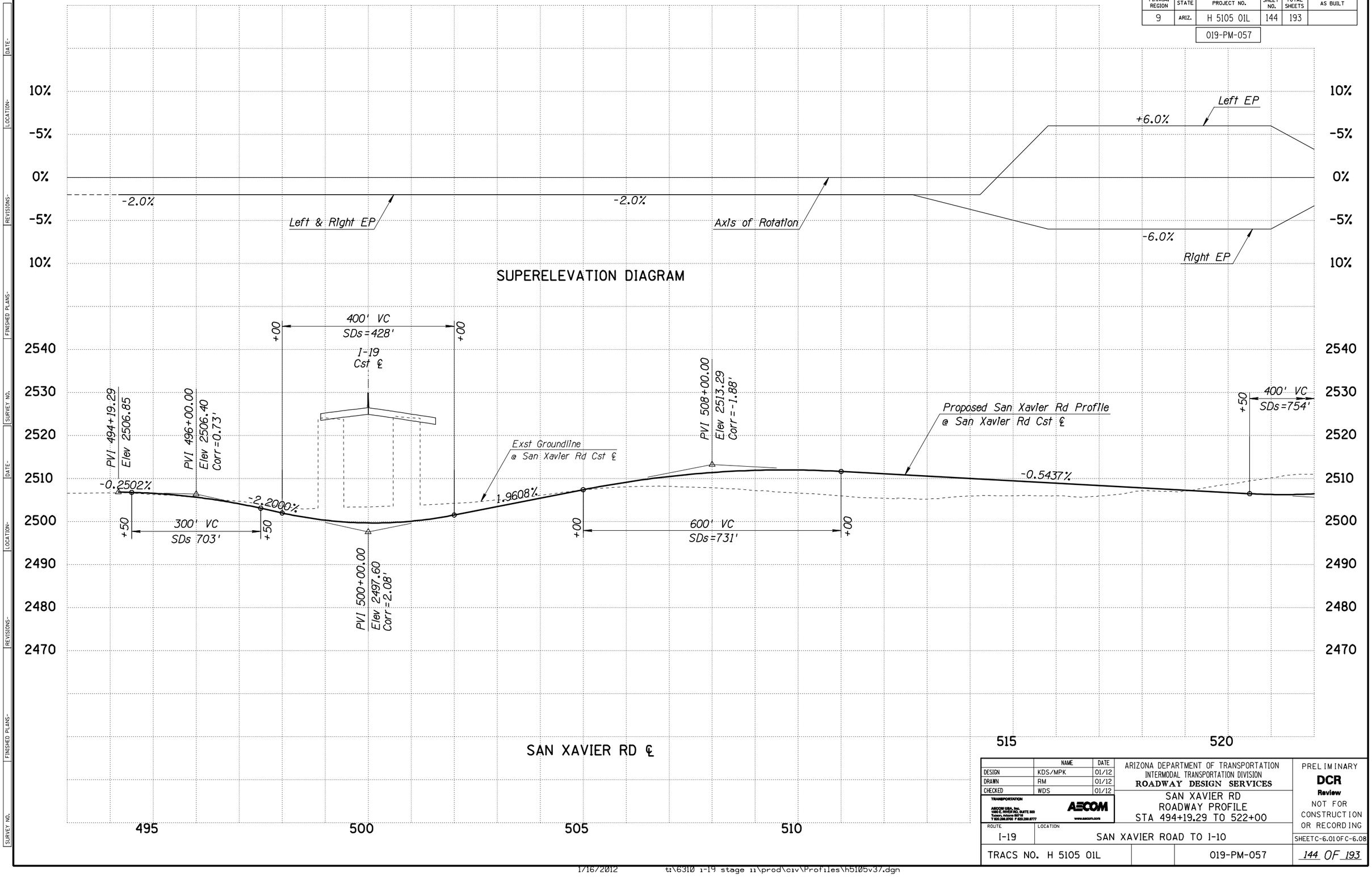
TRACS NO. H 5105 01L		019-PM-057	143 OF 193

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v36.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	144	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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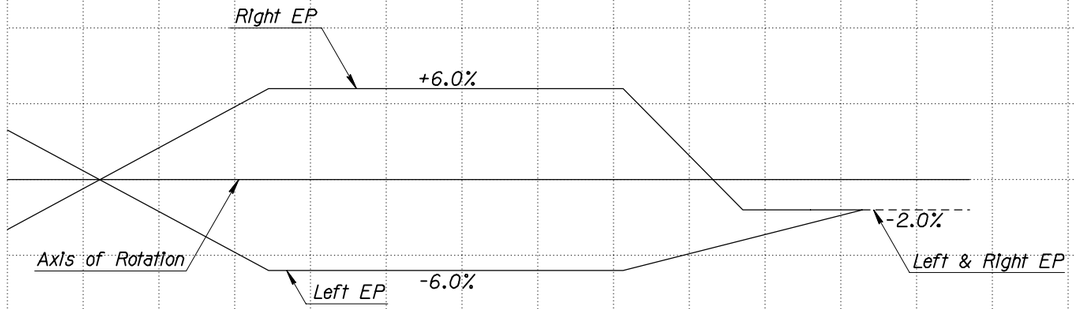
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION	SHEET
I-19	SAN XAVIER ROAD TO I-10	C-6.01 OF C-6.08

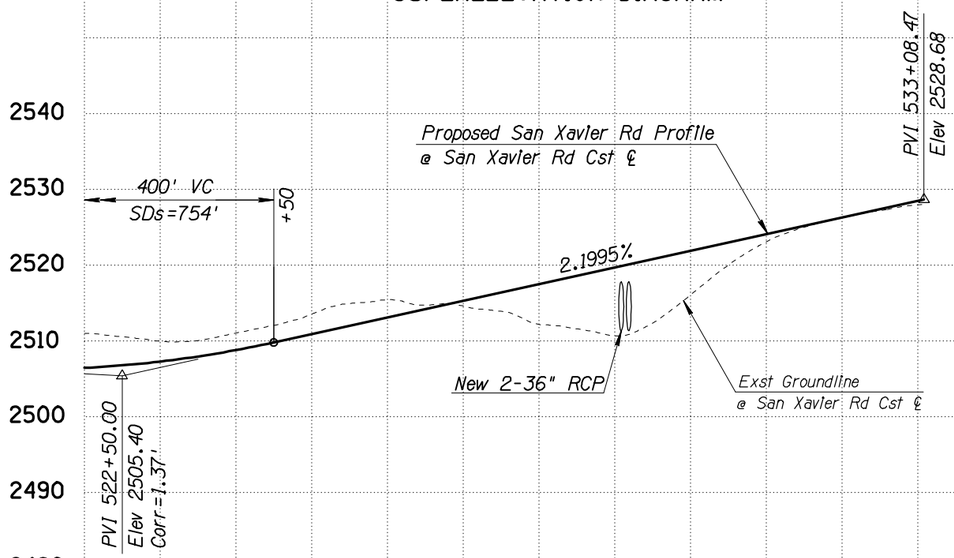
TRACS NO. H 5105 01L		019-PM-057	144 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v37.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	145	193	
		019-PM-057			



SUPERELEVATION DIAGRAM



SAN XAVIER RD ℄

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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STA 522+00 TO 533+08.47

PRELIMINARY
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Review
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ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

SHEETC-6.020FC-6.08

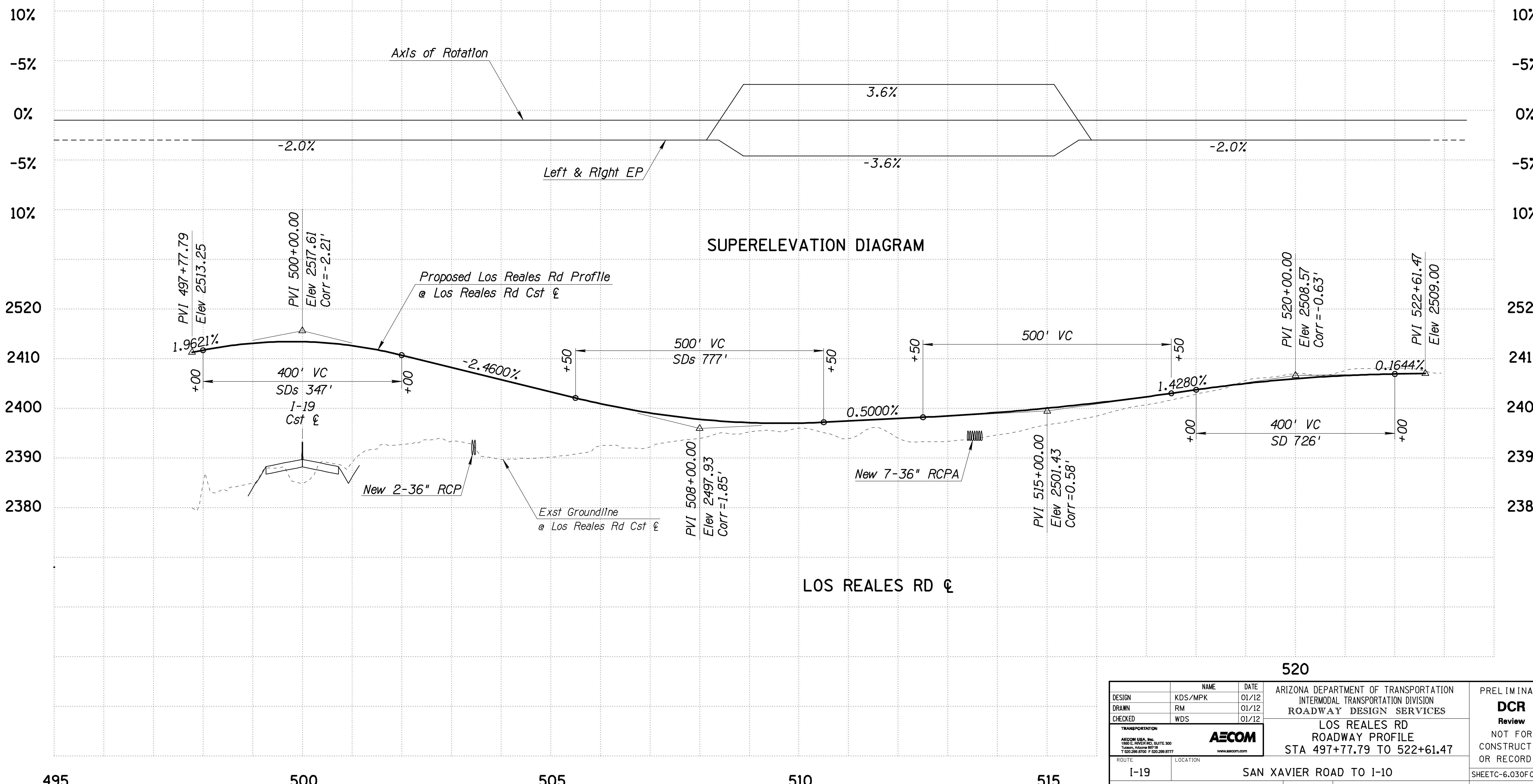
TRACS NO. H 5105 01L		019-PM-057	145 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v38.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	146	193	

019-PM-057



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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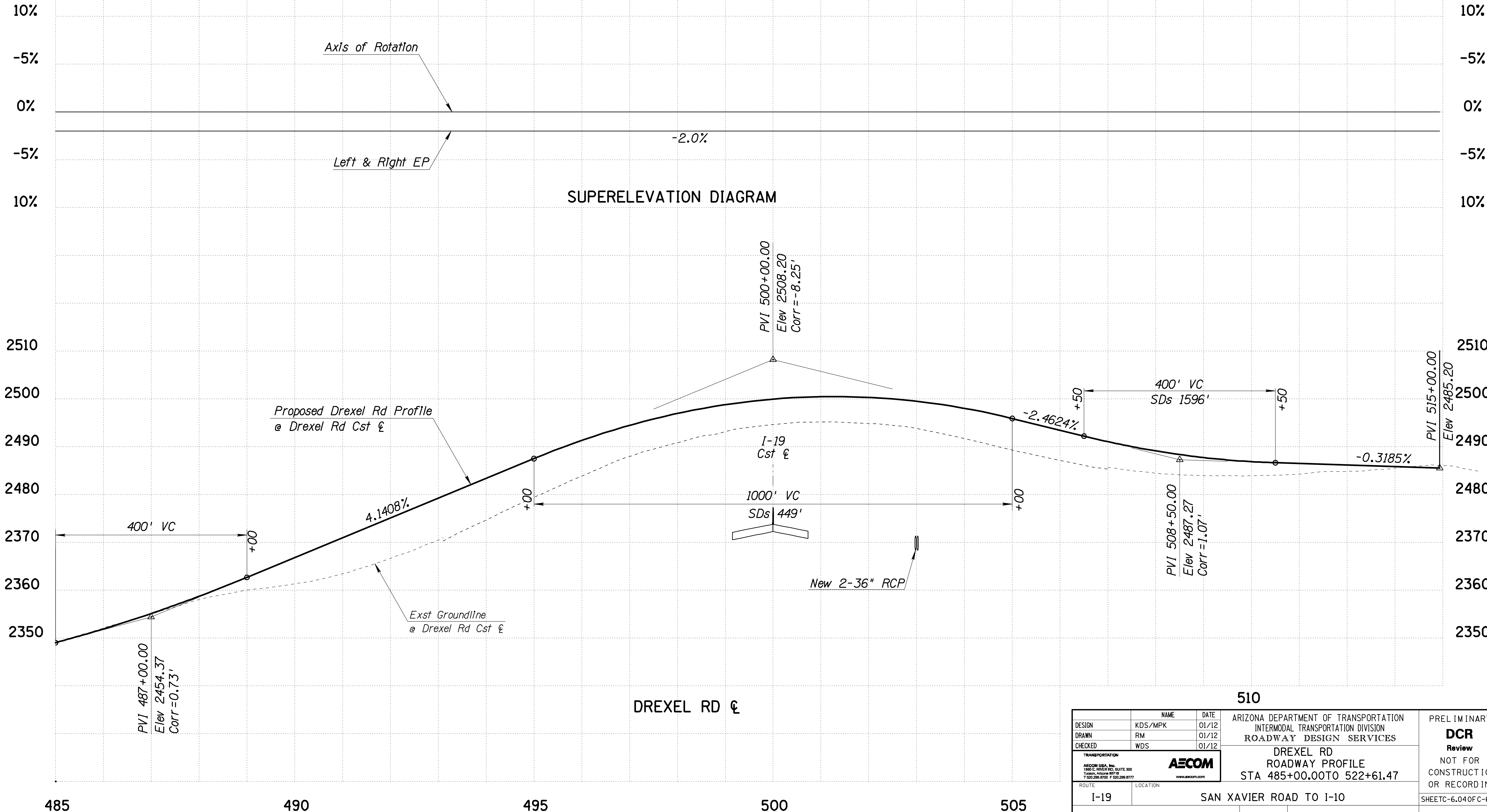
NOT FOR
CONSTRUCTION
OR RECORDING

ROUTE	LOCATION	
I-19	SAN XAVIER ROAD TO I-10	SHEETC-6.030FC-6.08
TRACS NO. H 5105 01L	019-PM-057	146 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Profiles\h5105v39.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	147	193	

019-PM-057



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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DREXEL RD
ROADWAY PROFILE
STA 485+00.00TO 522+61.47

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEETC-6.04OFC-6.08

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Profiles\h5105v40.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	148	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

SUPERELEVATION DIAGRAM

10% -5% 0% -5% 10%

Axis of Rotation

-2.0%

Left & Right EP

PVI 500+00.00
Elev 2484.80
Corr = -10.75'

Proposed Irvington Rd Profile
@ Irvington Rd Cst ℄

3.3495%

I-19
Cst ℄

1300' VC
SDs 511'

+50

PVI 479+81.98
Elev 2429.16

+75

450' VC
SDs 521'

+25

-0.4091%

PVI 483+00.00
Elev 2427.86
Corr = 2.11'

Exst Groundline
@ Irvington Rd Cst ℄

Exst 3-10'x7' RCBC
To be Extended

IRVINGTON RD ℄

2560 2450 2540 2430 2520 2410 2520 2410 2400 2390

475 480 485 490 495 500

	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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IRVINGTON RD
ROADWAY PROFILE
STA 479+81.98 TO 504+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L | 019-PM-057

PRELIMINARY
DCR
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NOT FOR CONSTRUCTION OR RECORDING

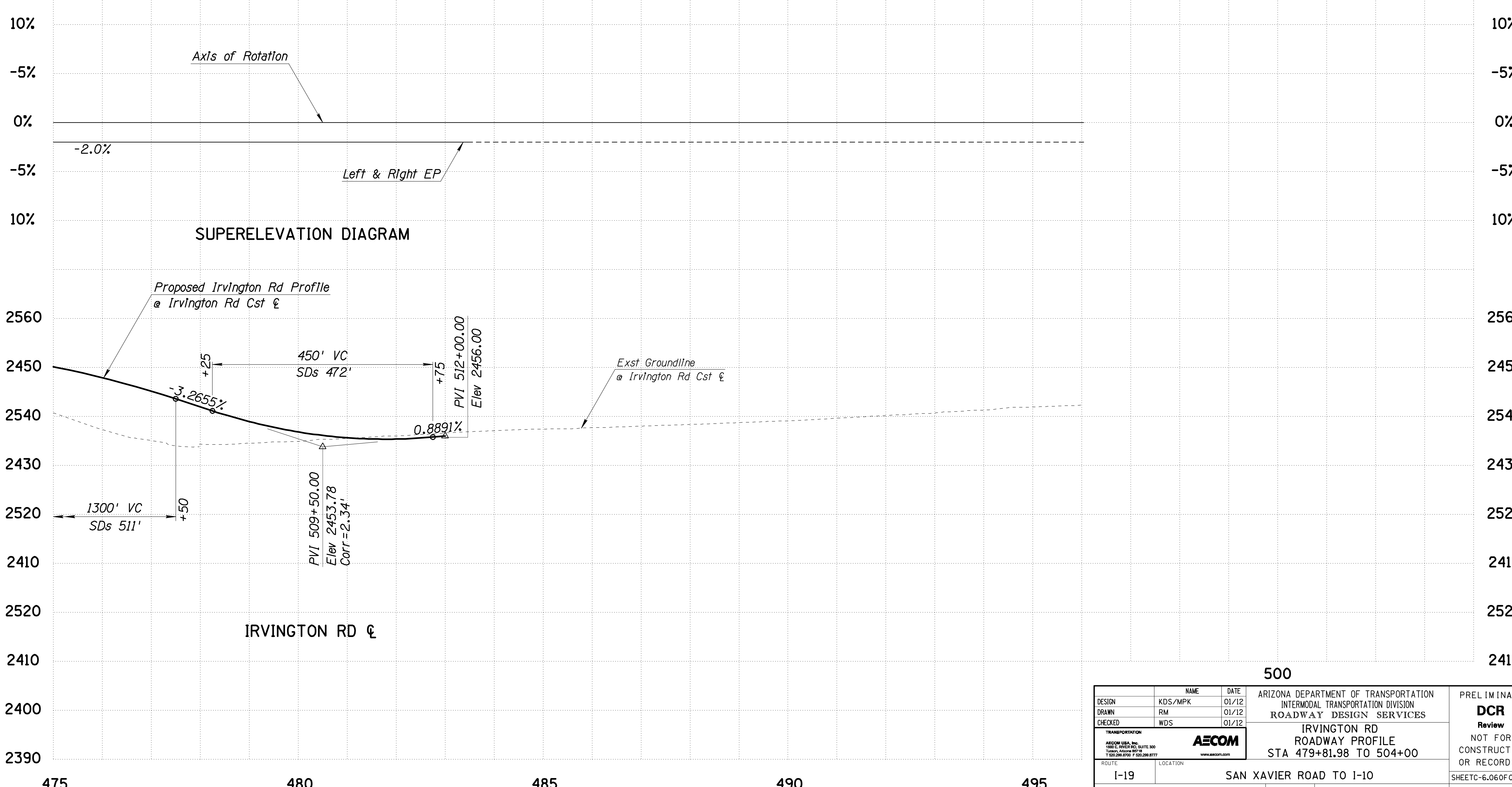
SHEETC-6.05OFC-6.08

148 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v41.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	149	193	

019-PM-057



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

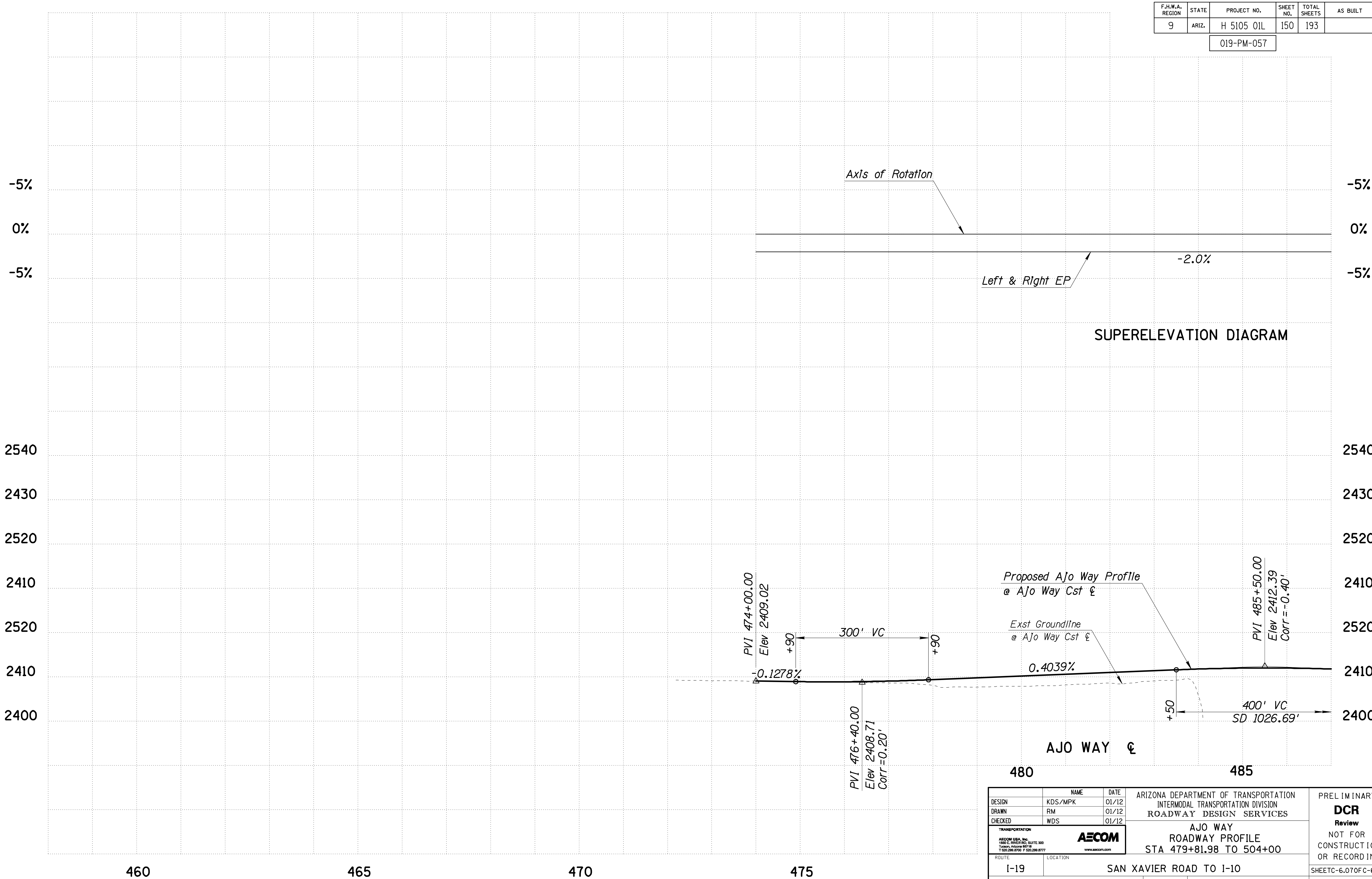
SHEETC-6.060F C-6.08

TRACS NO. H 5105 01L | 019-PM-057 | 149 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Profiles\h5105v42.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	150	193	

019-PM-057



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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Review
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ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

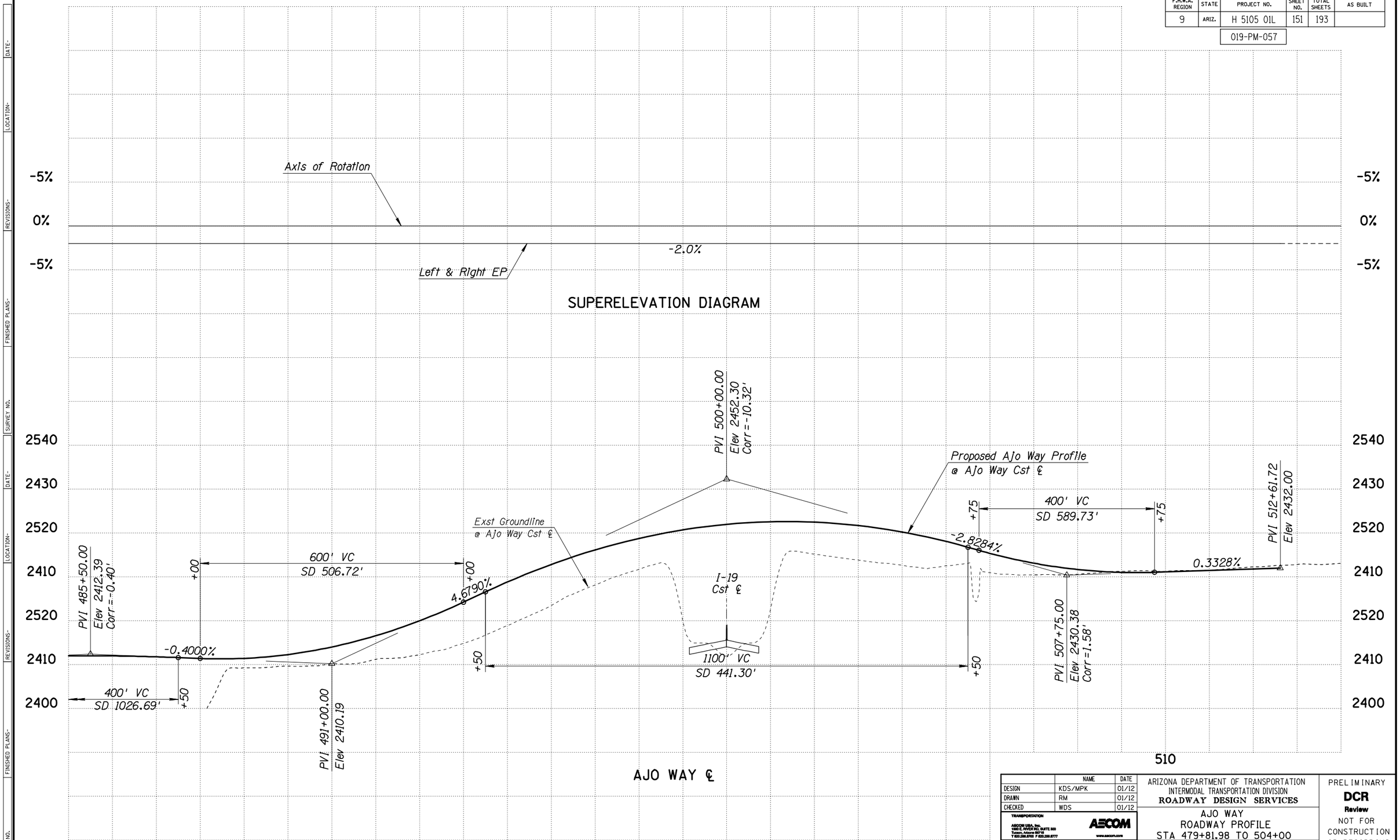
SHEETC-6.07OFC-6.08

TRACS NO. H 5105 01L | 019-PM-057 | 150 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\civ\Profiles\h5105v43.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	151	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



	NAME	DATE
DESIGN	KDS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

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ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEETC-6.08OFC-6.08

TRACS NO. H 5105 01L		019-PM-057	151 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\civ\Profiles\h5105v44.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	152	193	

019-PM-057

New R/W

Los Reales Rd Ramp C Cst ℄

I-19 Cst ℄

Exst 24" CMP Remove

New Retaining Wall

3071+00

New 1-36" CMP

N15°58'18"E

New Sound Barrier 01NB

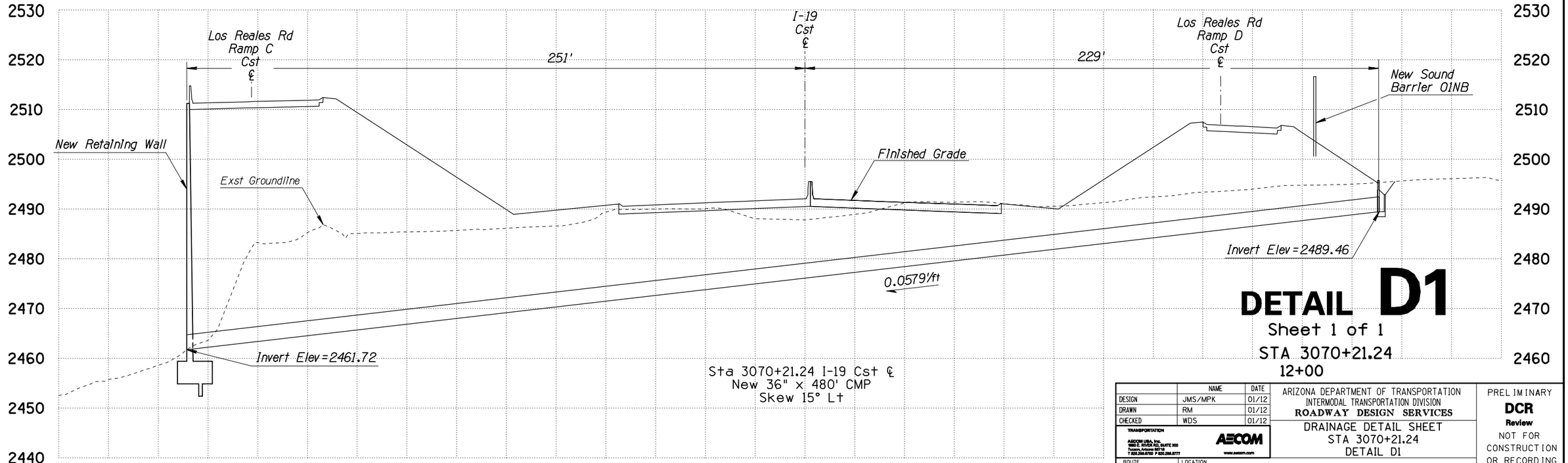
Exst R/W & Exst Esmt

3070+00

Los Reales Rd Ramp D Cst ℄

New R/W

Exst R/W & Exst Esmt



Sta 3070+21.24 I-19 Cst ℄
New 36" x 480' CMP
Skew 15° Lt

DETAIL D1

Sheet 1 of 1

STA 3070+21.24

12+00

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

DRAINAGE DETAIL SHEET
STA 3070+21.24
DETAIL D1

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.01 OF D-1.26

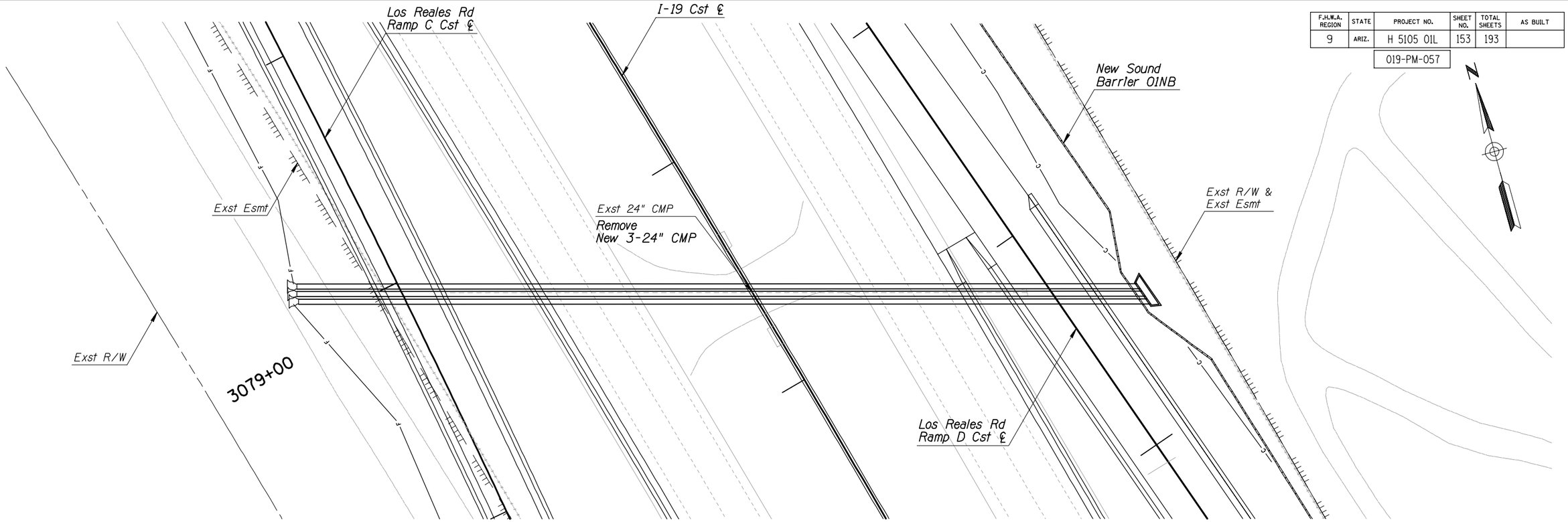
TRACS NO. H 5105 01L

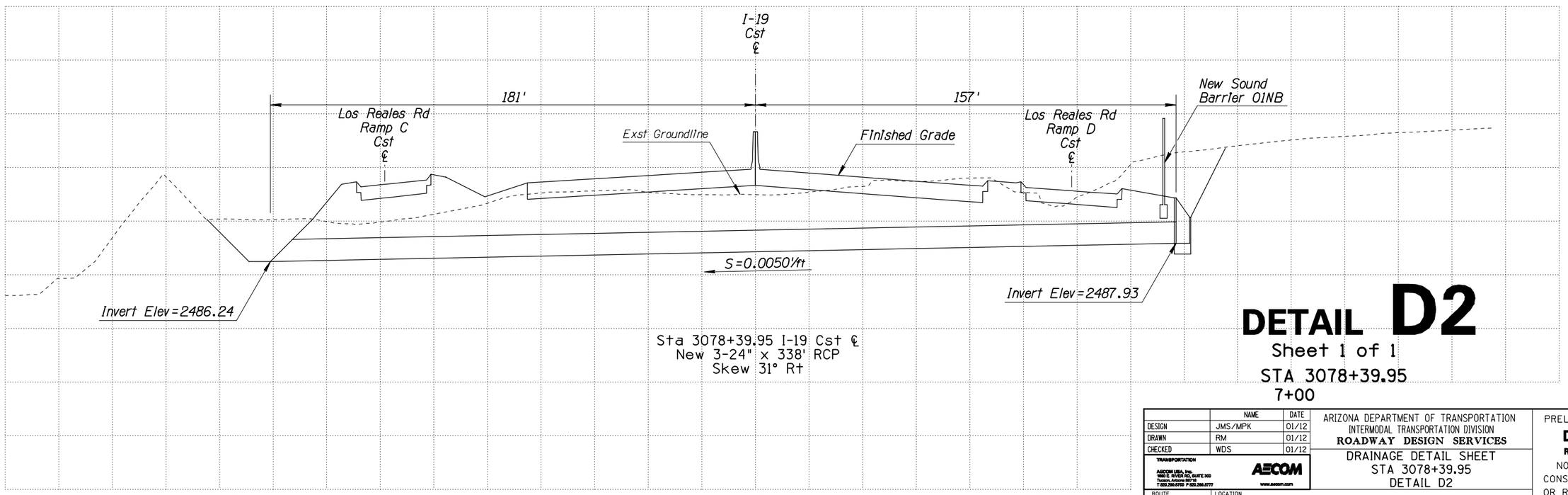
152 OF 193

SURVEY NO. | DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105D01.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	153	193	
		019-PM-057			





Sta 3078+39.95 I-19 Cst ℄
New 3-24" x 338' RCP
Skew 31° Rt

DETAIL D2

Sheet 1 of 1

STA 3078+39.95

7+00

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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DRAINAGE DETAIL SHEET
STA 3078+39.95
DETAIL D2

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEETD-1.02OF D-1.26

TRACS NO. H 5105 01L

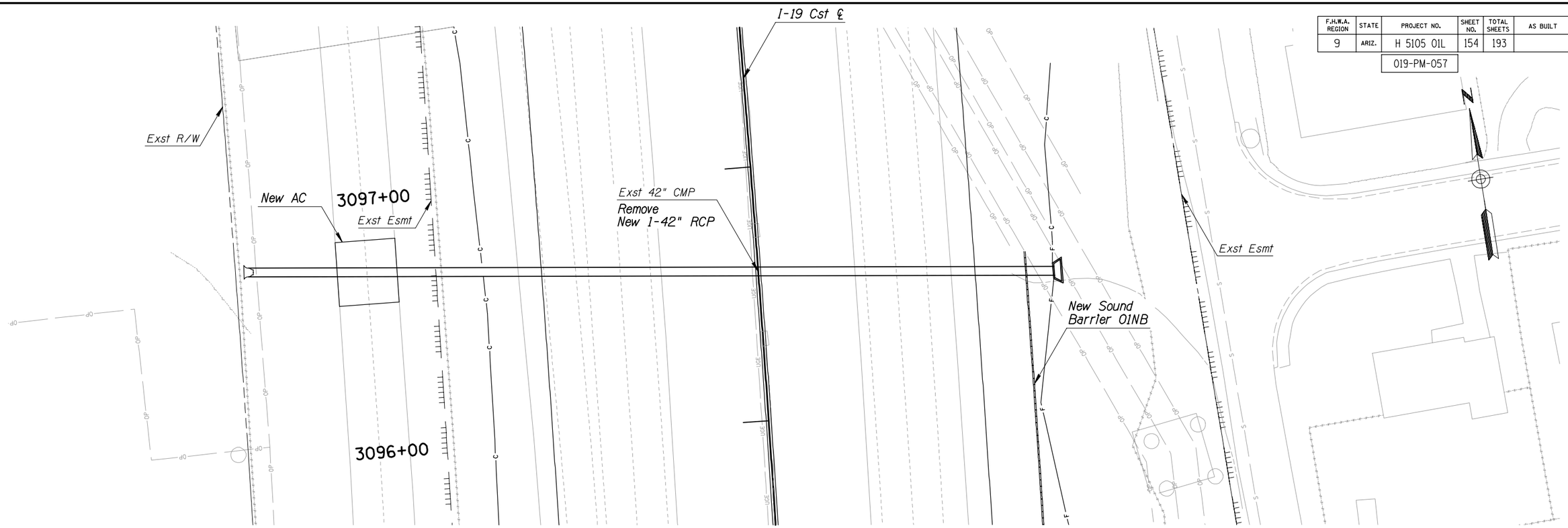
153 OF 193

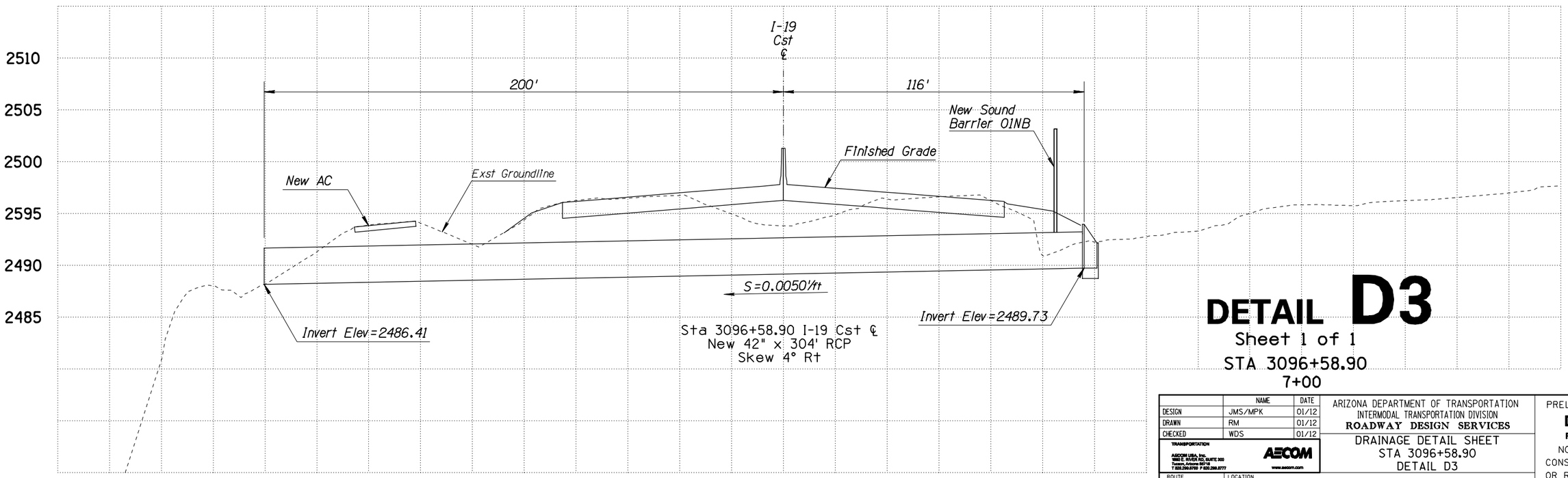
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105D02.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	154	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-





DETAIL D3

Sheet 1 of 1

STA 3096+58.90

7+00

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

DRAINAGE DETAIL SHEET
STA 3096+58.90
DETAIL D3

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.03 OF D-1.26

TRACS NO. H 5105 01L

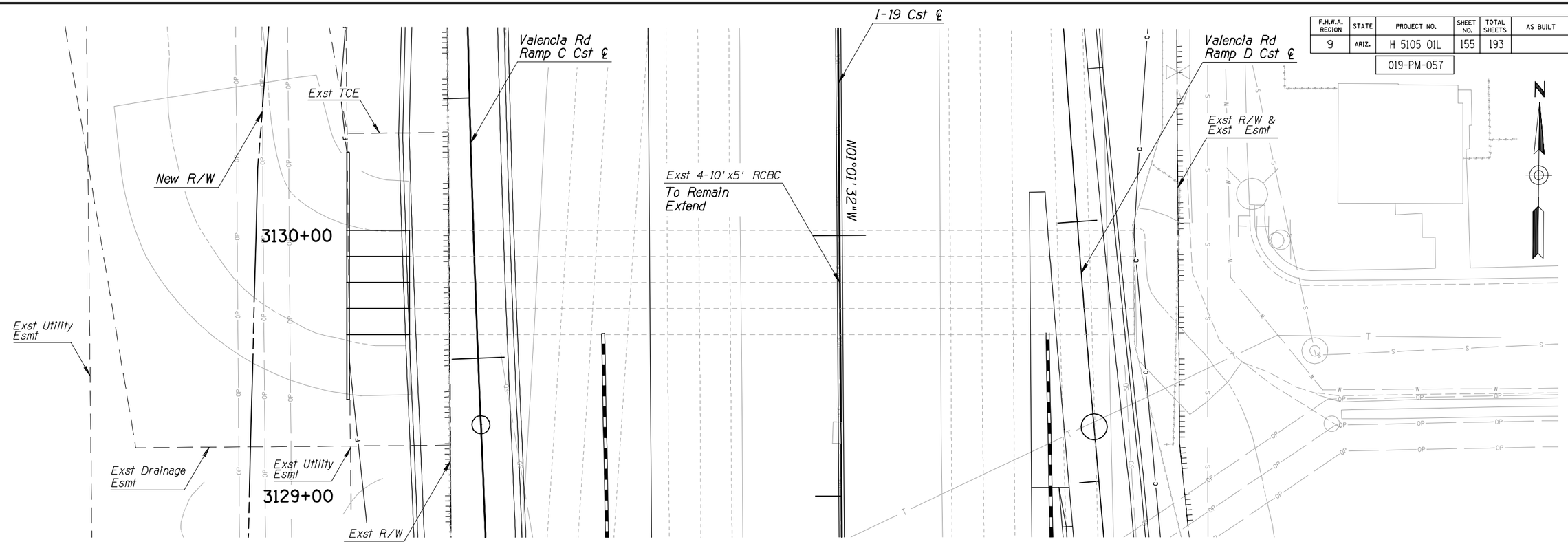
154 OF 193

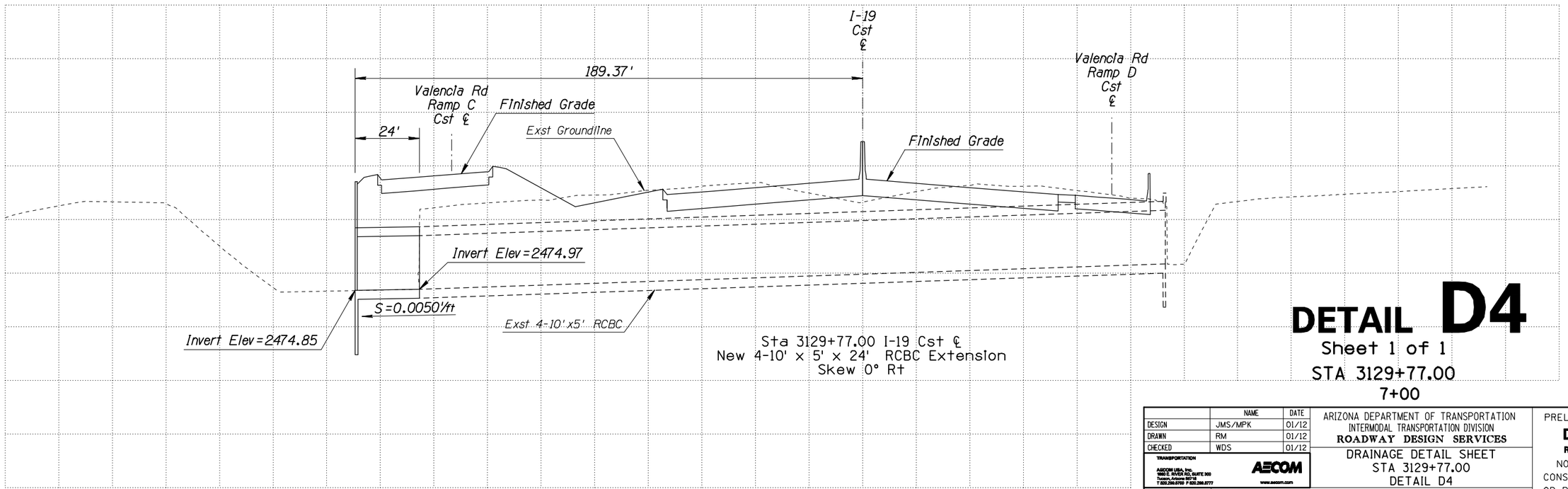
1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105d03.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	155	193	

019-PM-057

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-





Sta 3129+77.00 I-19 Cst ℄
New 4-10' x 5' x 24' RCBC Extension
Skew 0° Rt

DETAIL D4

Sheet 1 of 1

STA 3129+77.00

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

DRAINAGE DETAIL SHEET
STA 3129+77.00
DETAIL D4

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

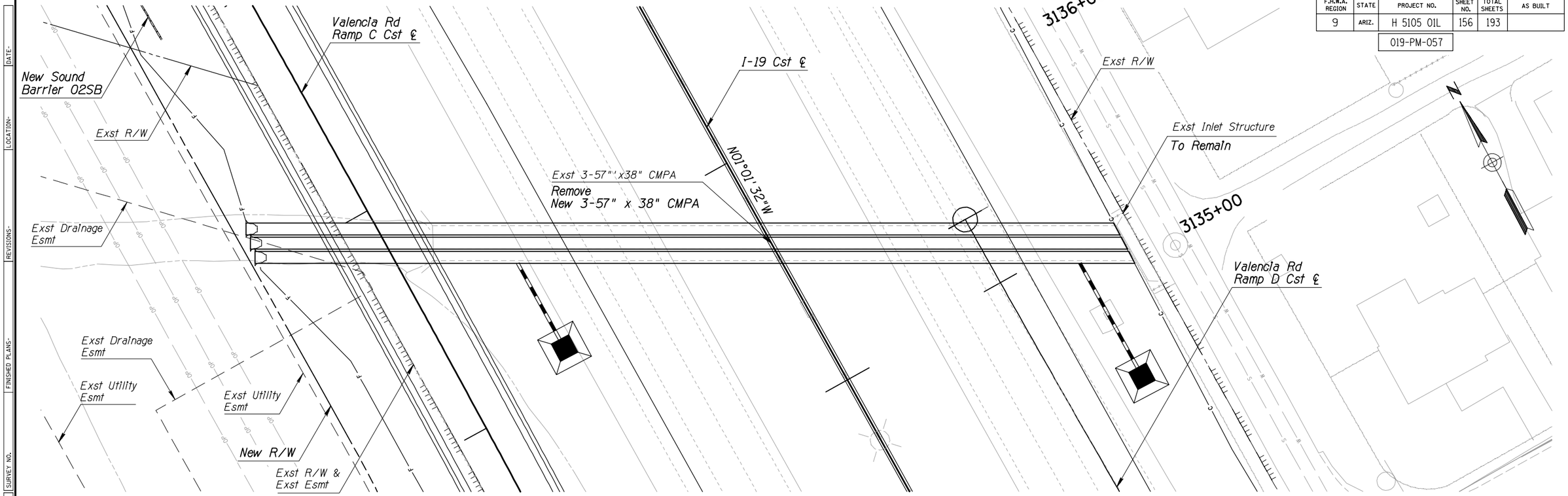
SHEETD-1.040F D-1.26

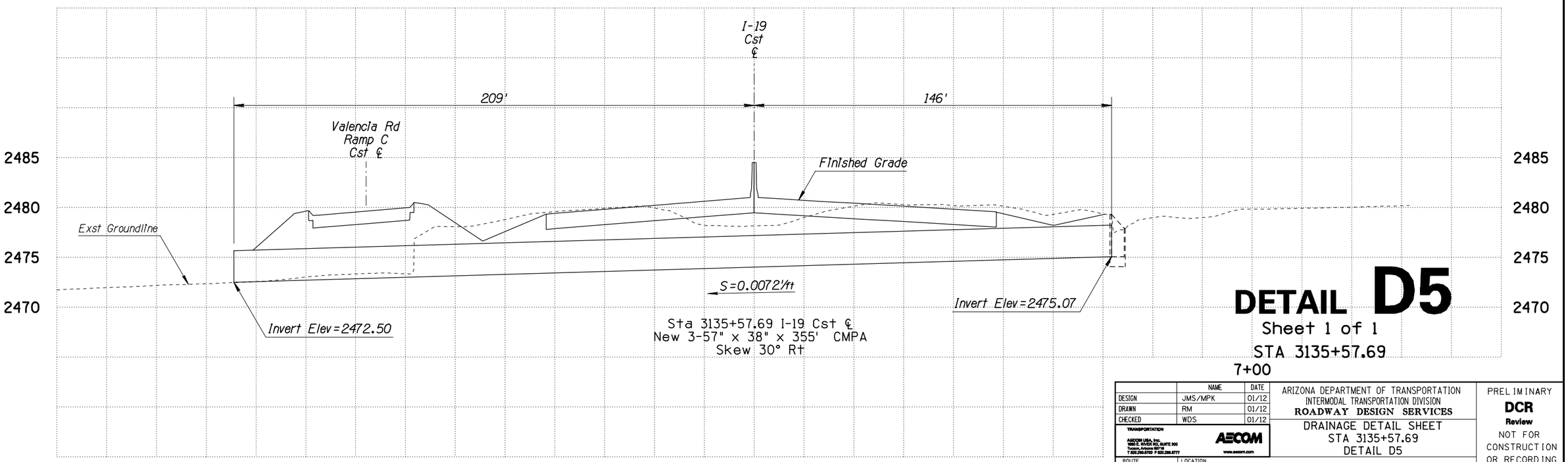
TRACS NO. H 5105 01L

155 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105004.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	156	193	
		019-PM-057			





DETAIL D5

Sheet 1 of 1

STA 3135+57.69

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

DRAINAGE DETAIL SHEET
STA 3135+57.69
DETAIL D5

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.05 OF D-1.26

TRACS NO. H 5105 01L

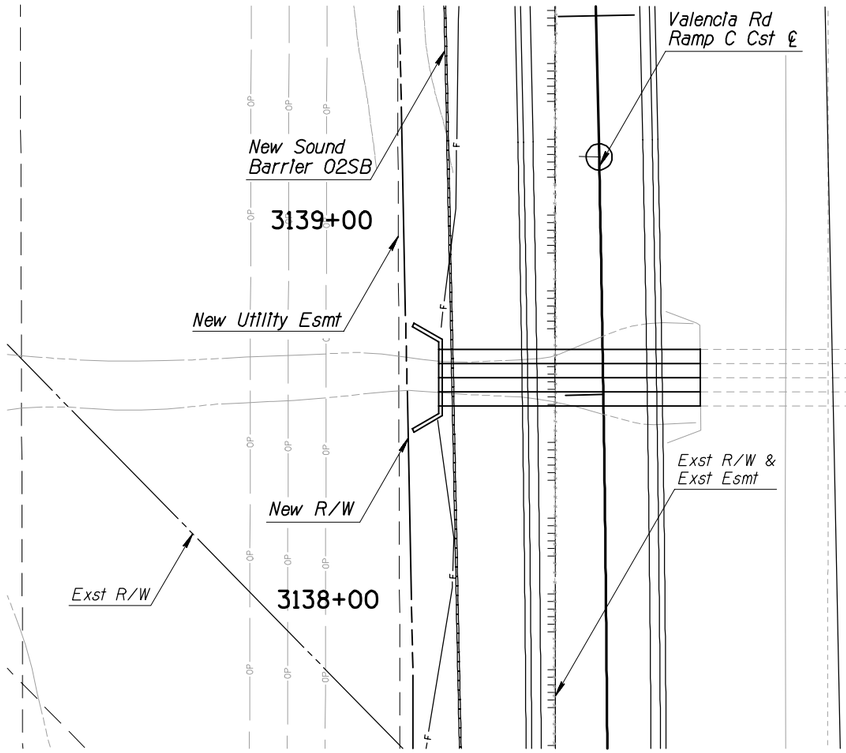
156 OF 193

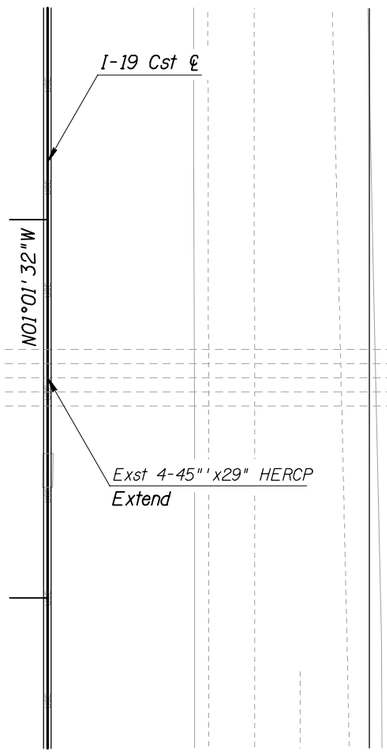
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

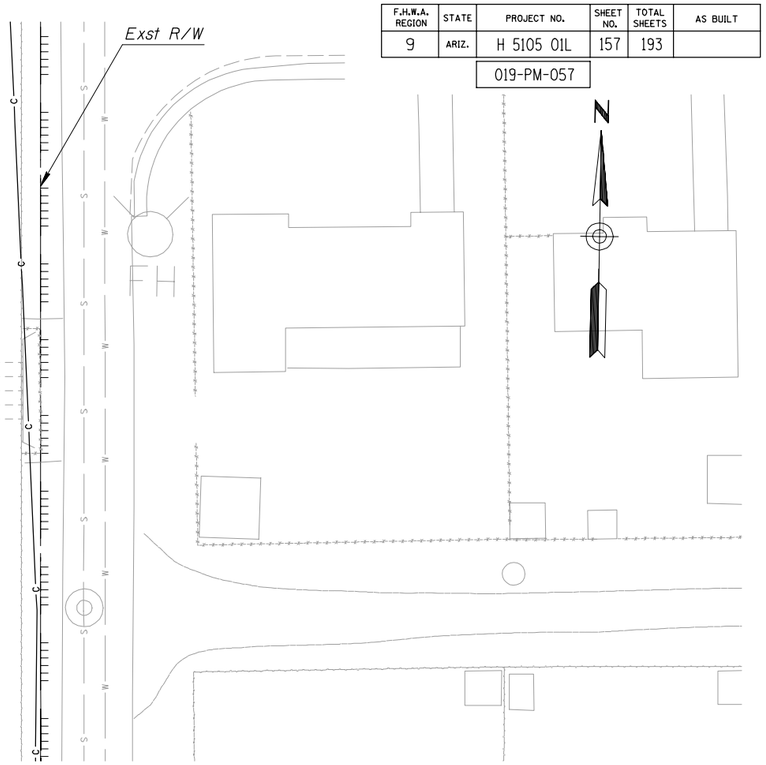
1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105D05.dgn

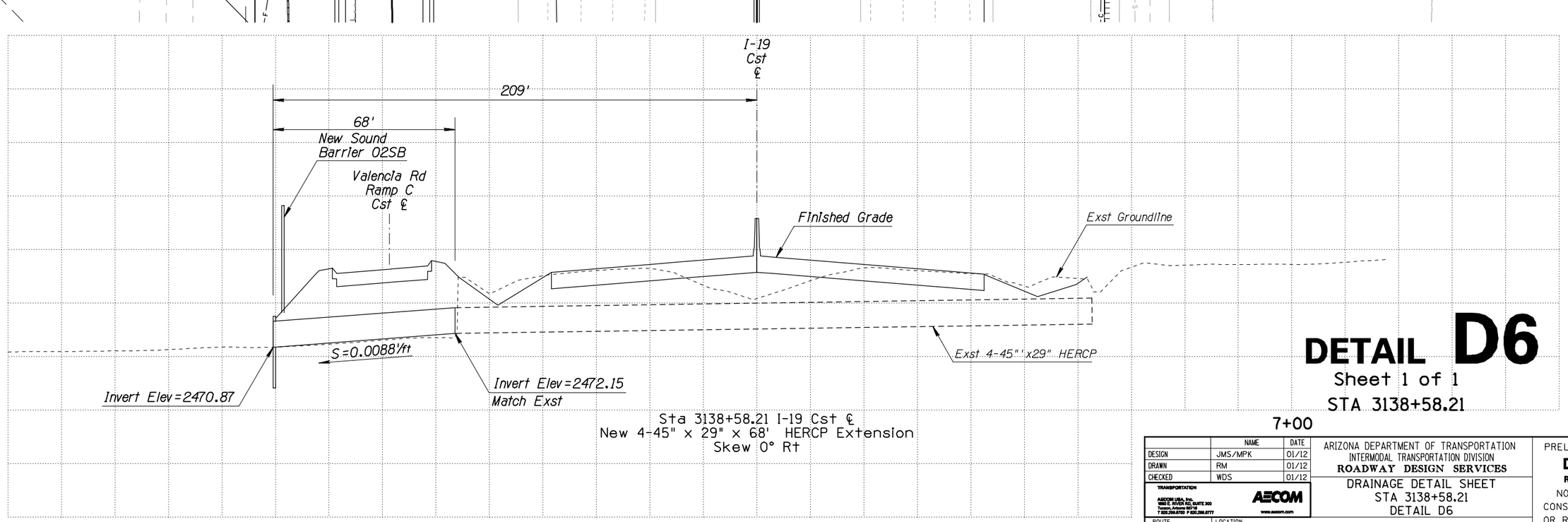
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	157	193	

019-PM-057









Sta 3138+58.21 I-19 Cst ℄
New 4-45" x 29" x 68' HERCP Extension
Skew 0° Rt

DETAIL D6

Sheet 1 of 1

STA 3138+58.21

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

DRAINAGE DETAIL SHEET
STA 3138+58.21
DETAIL D6

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEETD-1.06OF D-1.26

TRACS NO. H 5105 01L

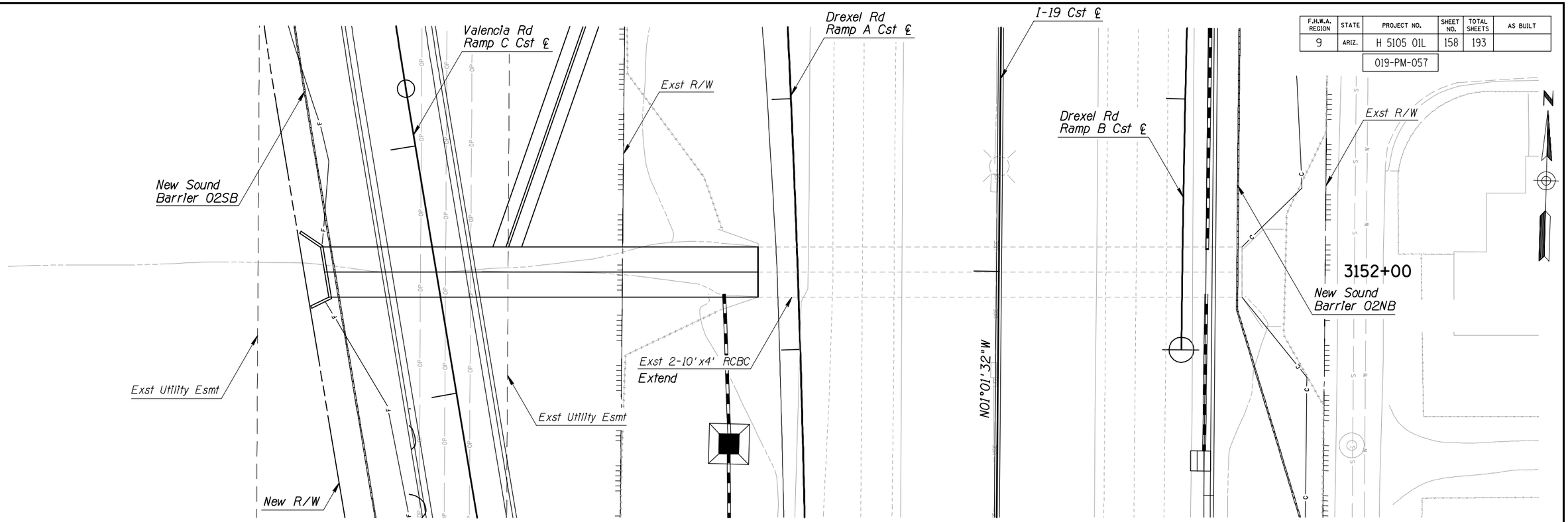
157 OF 193

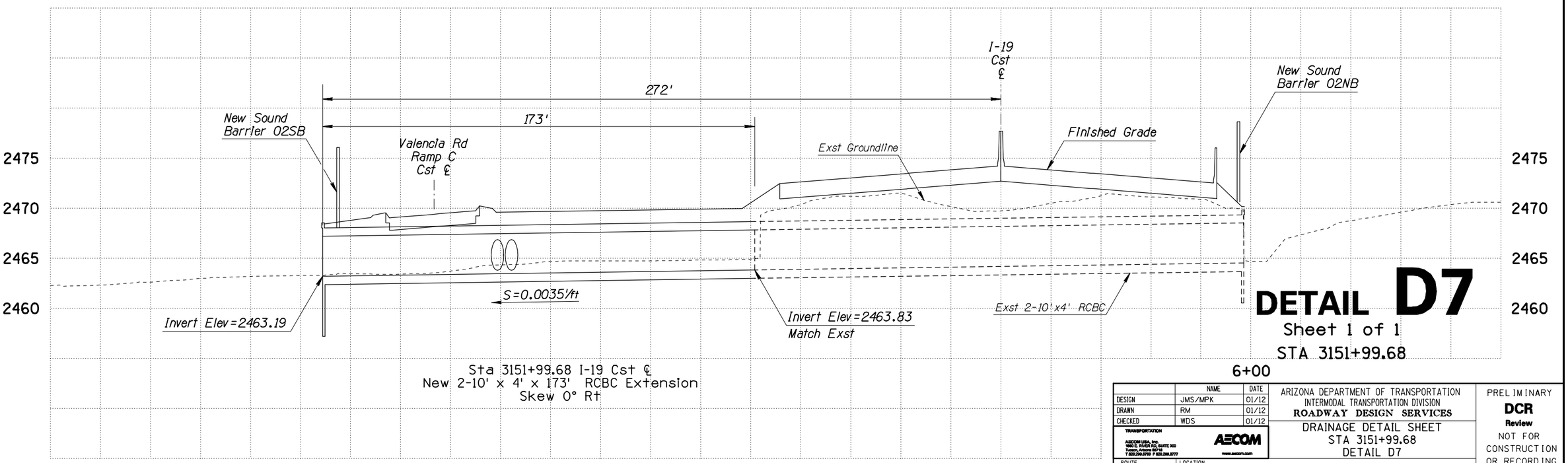
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105D06.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	158	193	

019-PM-057





DETAIL D7

Sheet 1 of 1

STA 3151+99.68

Sta 3151+99.68 I-19 Cst ℄
New 2-10' x 4' x 173' RCBC Extension
Skew 0° Rt

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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DRAINAGE DETAIL SHEET
STA 3151+99.68
DETAIL D7

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEETD-1.07 OF D-1.26

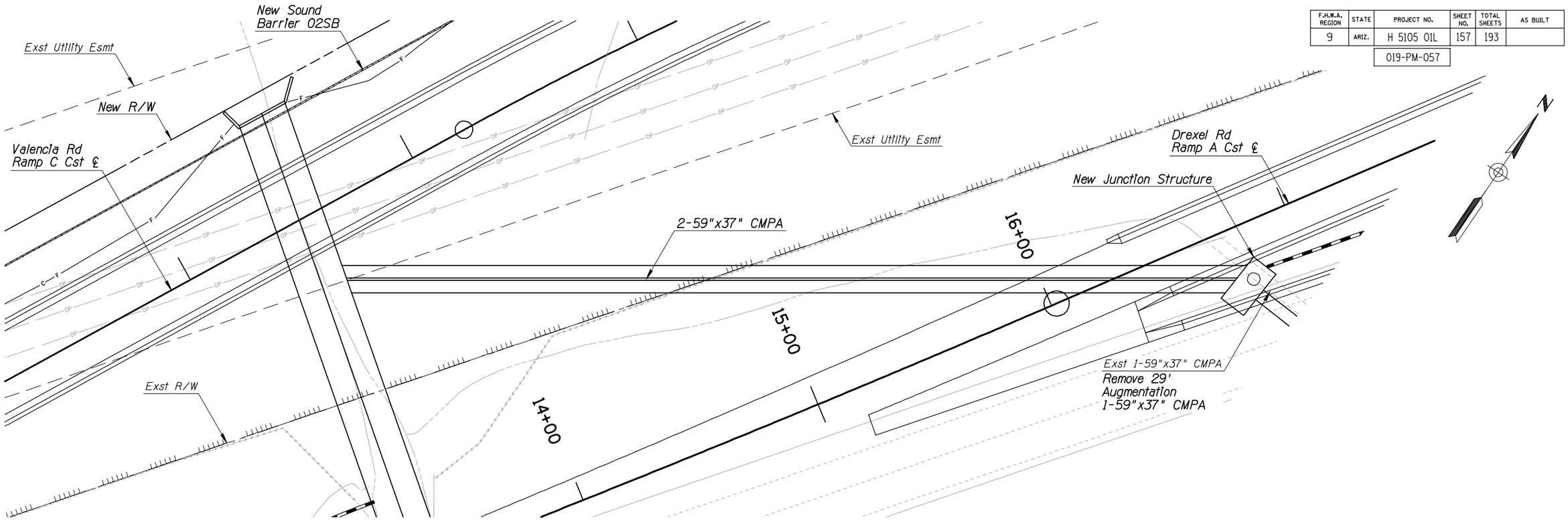
TRACS NO. H 5105 01L

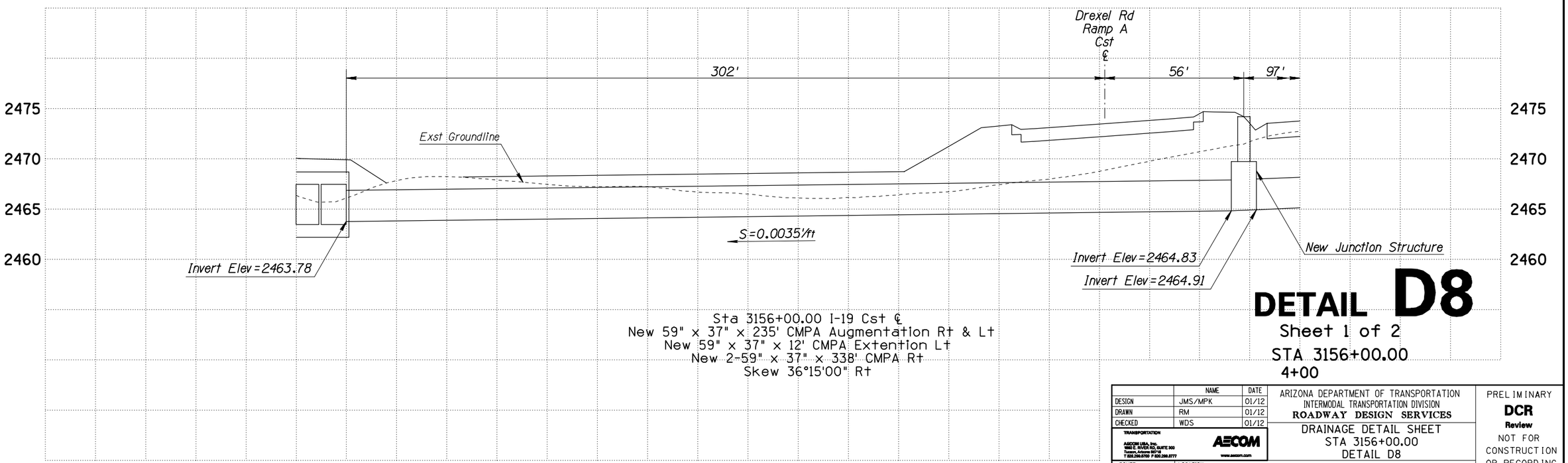
158 OF 193

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105D07.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	157	193	
		019-PM-057			





Sta 3156+00.00 I-19 Cst ℄
New 59" x 37" x 235' CMPA Augmentation Rt & Lt
New 59" x 37" x 12' CMPA Extention Lt
New 2-59" x 37" x 338' CMPA Rt
Skew 36°15'00" Rt

DETAIL D8

Sheet 1 of 2

STA 3156+00.00

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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DRAINAGE DETAIL SHEET
STA 3156+00.00
DETAIL D8

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.08 OF D-1.26

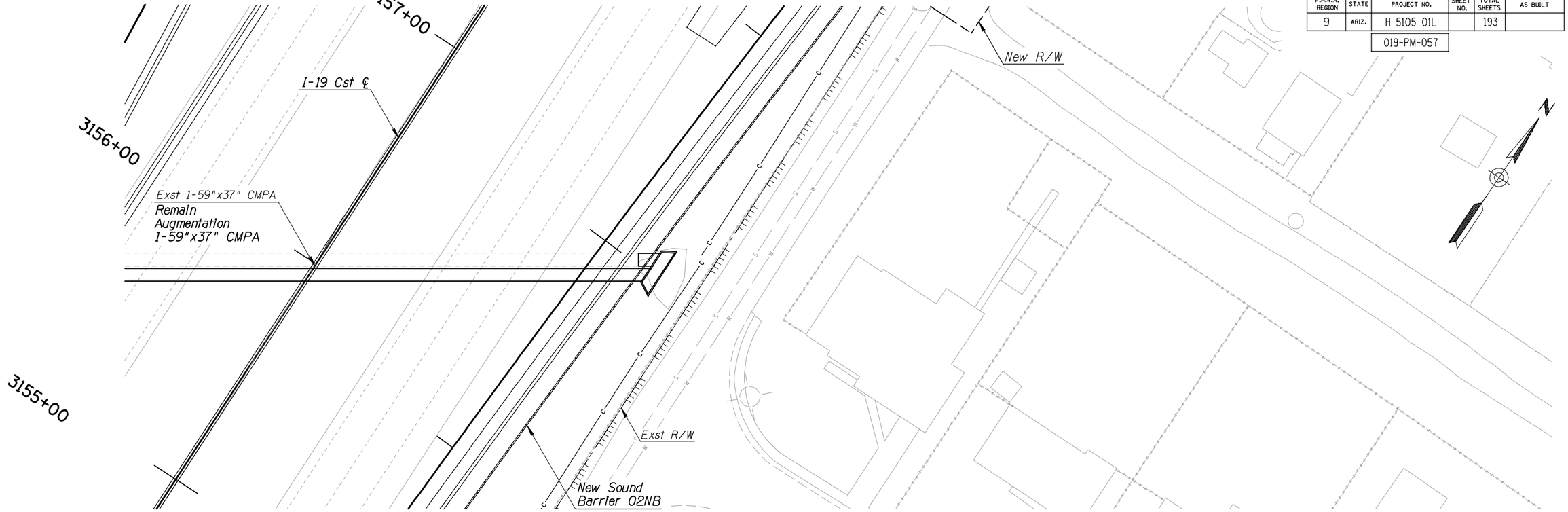
TRACS NO. H 5105 01L

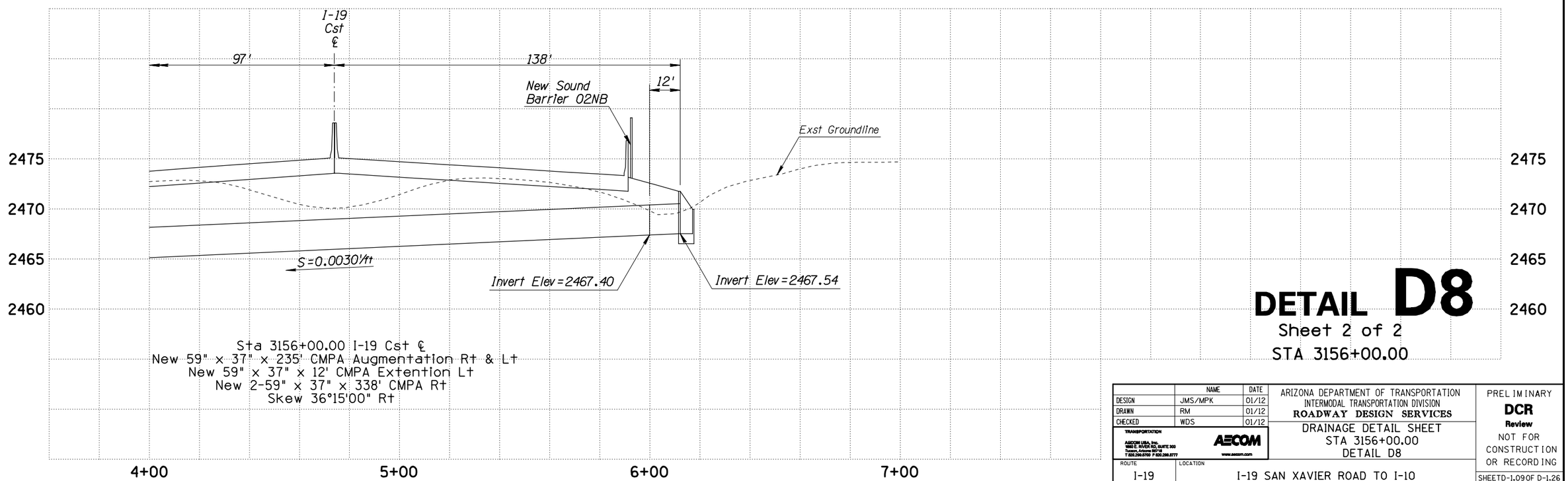
159 OF 193

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105D08.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L		193	
		019-PM-057			





Sta 3156+00.00 I-19 Cst ℄
New 59" x 37" x 235' CMPA Augmentation Rt & Lt
New 59" x 37" x 12' CMPA Extention Lt
New 2-59" x 37" x 338' CMPA Rt
Skew 36°15'00" Rt

DETAIL D8

Sheet 2 of 2

STA 3156+00.00

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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DRAINAGE DETAIL SHEET
STA 3156+00.00
DETAIL D8

PRELIMINARY
DCR
Review
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ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEETD-1.09 OF D-1.26

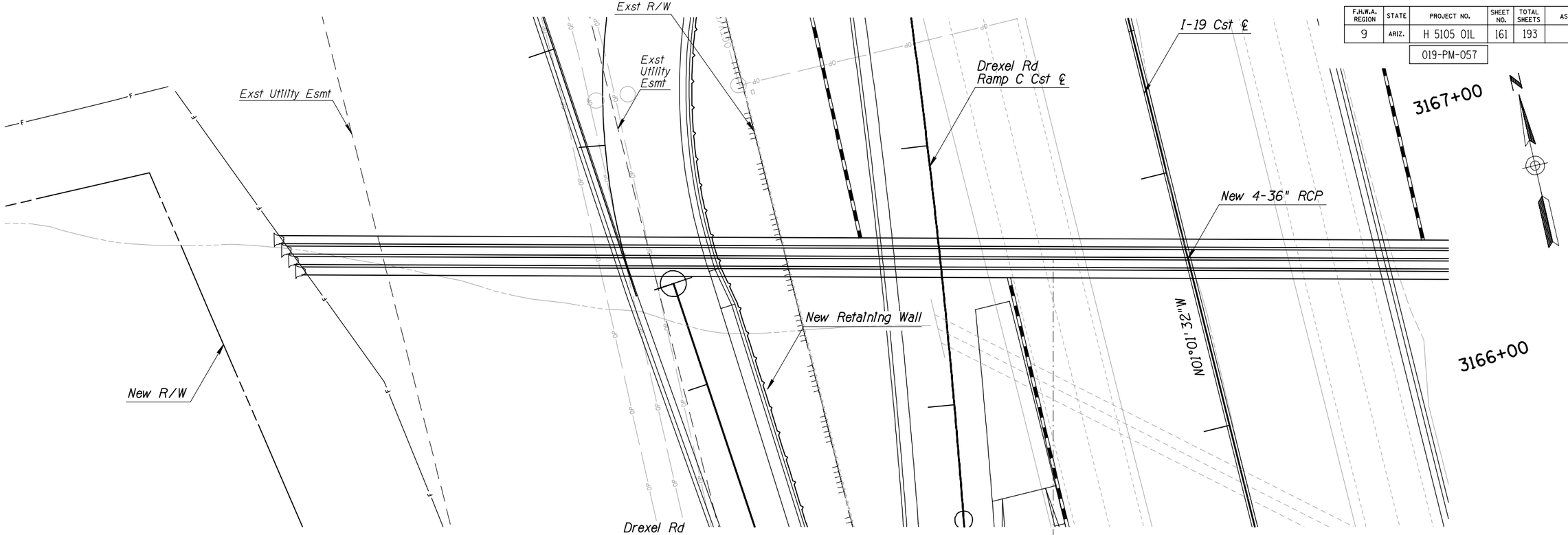
TRACS NO. H 5105 01L

160 OF 193

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105D09.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	161	193	
		019-PM-057			



DETAIL D9

Sheet 1 of 2

STA 3167+60.83

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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DRAINAGE DETAIL SHEET
STA 3167+60.83
DETAIL D9

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.10 OF D-1.26

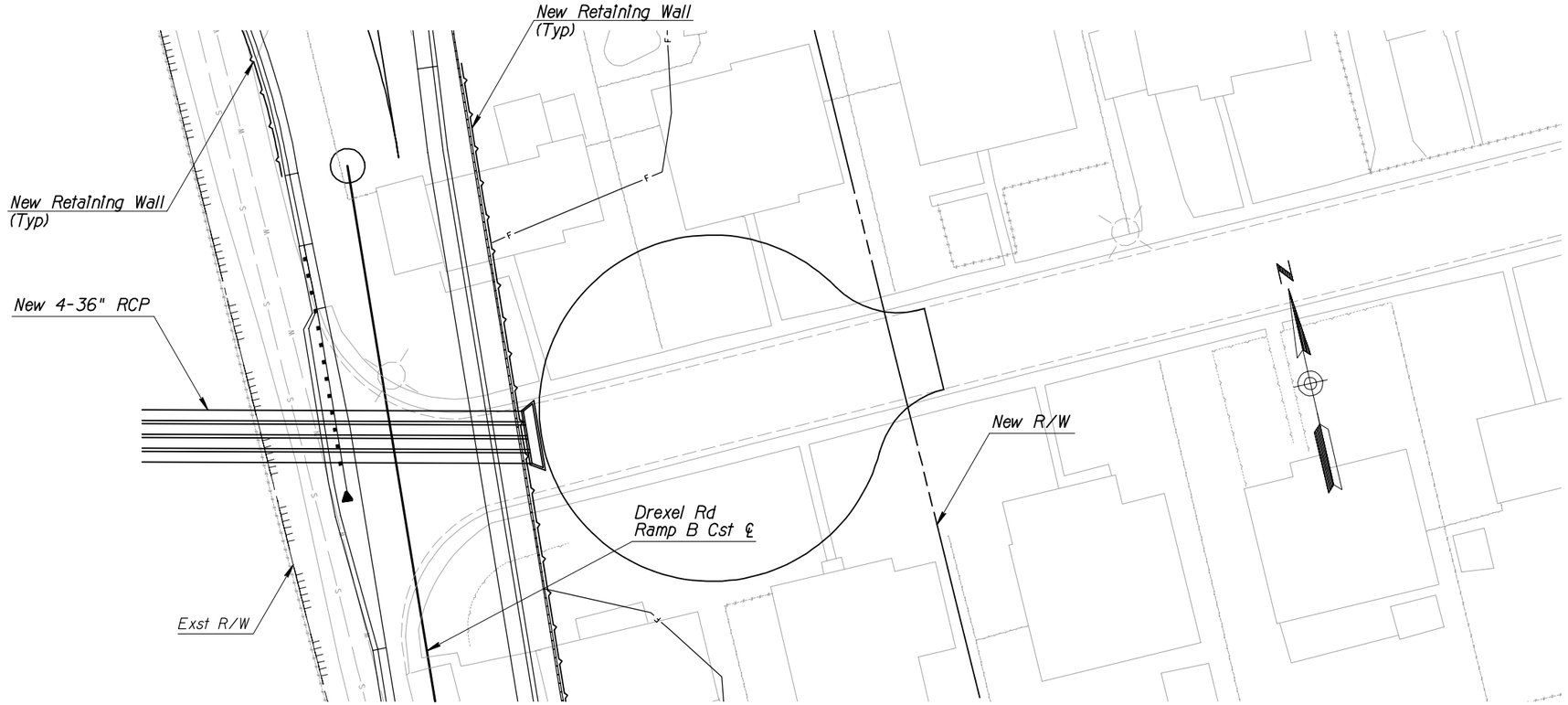
TRACS NO. H 5105 01L

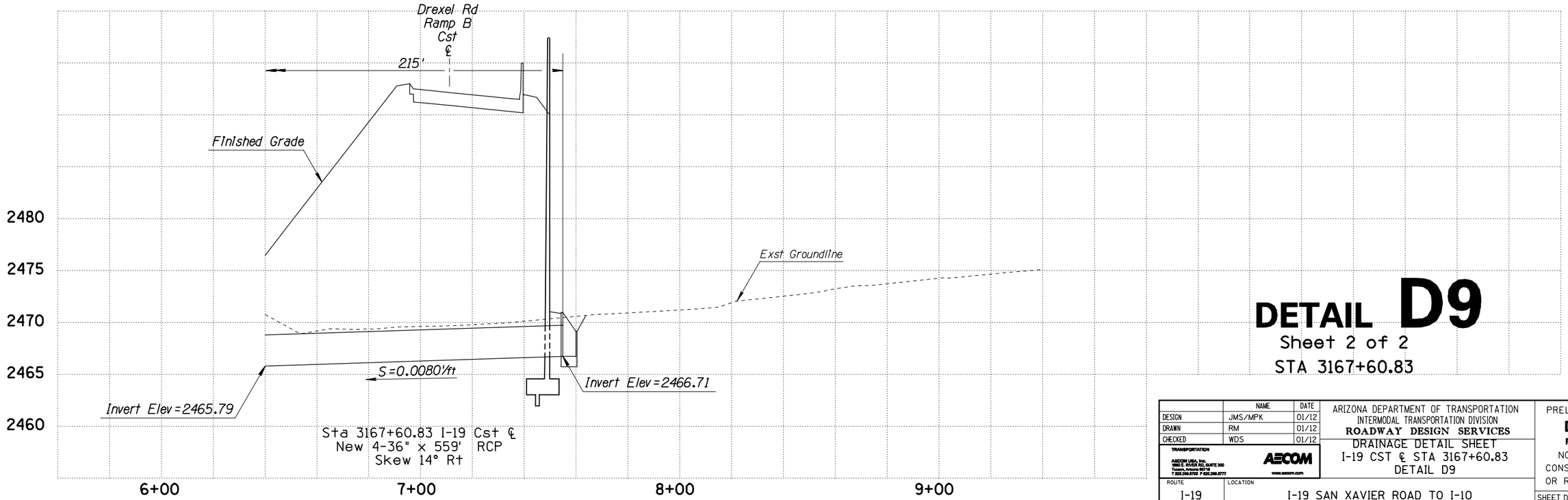
161 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105d10.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L		193	
		019-PM-057			





DETAIL D9

Sheet 2 of 2

STA 3167+60.83

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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DRAINAGE DETAIL SHEET
I-19 CST ℄ STA 3167+60.83
DETAIL D9

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.11 OF D-1.26

TRACS NO. H 5105 01L

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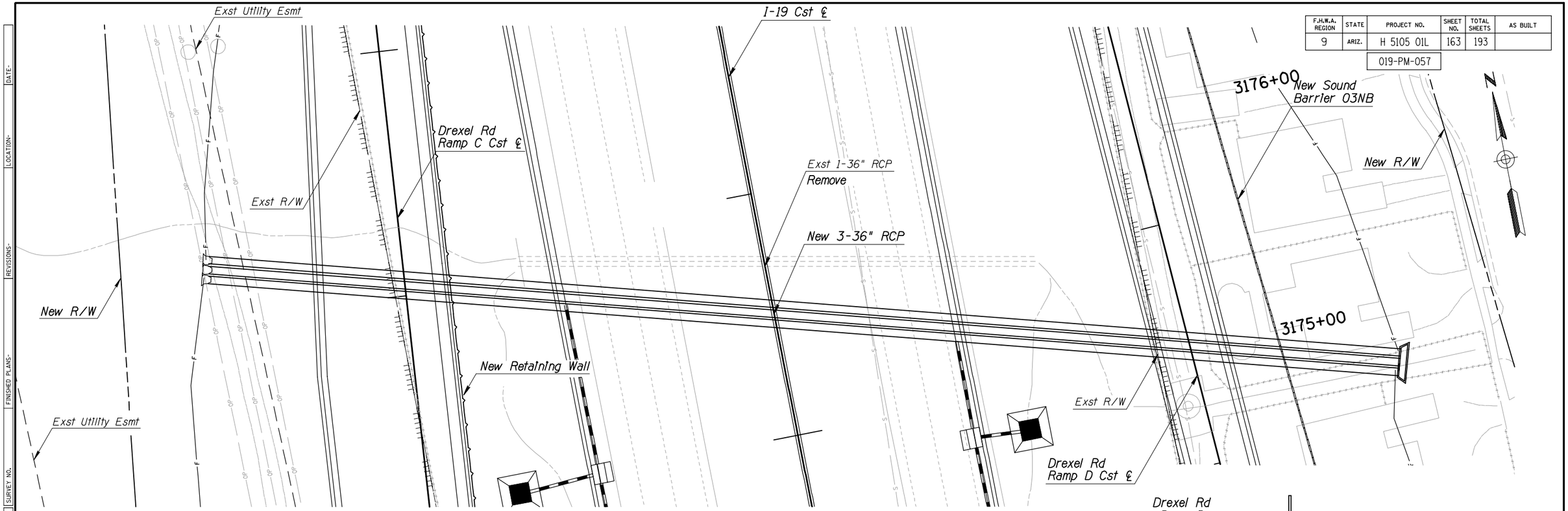
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

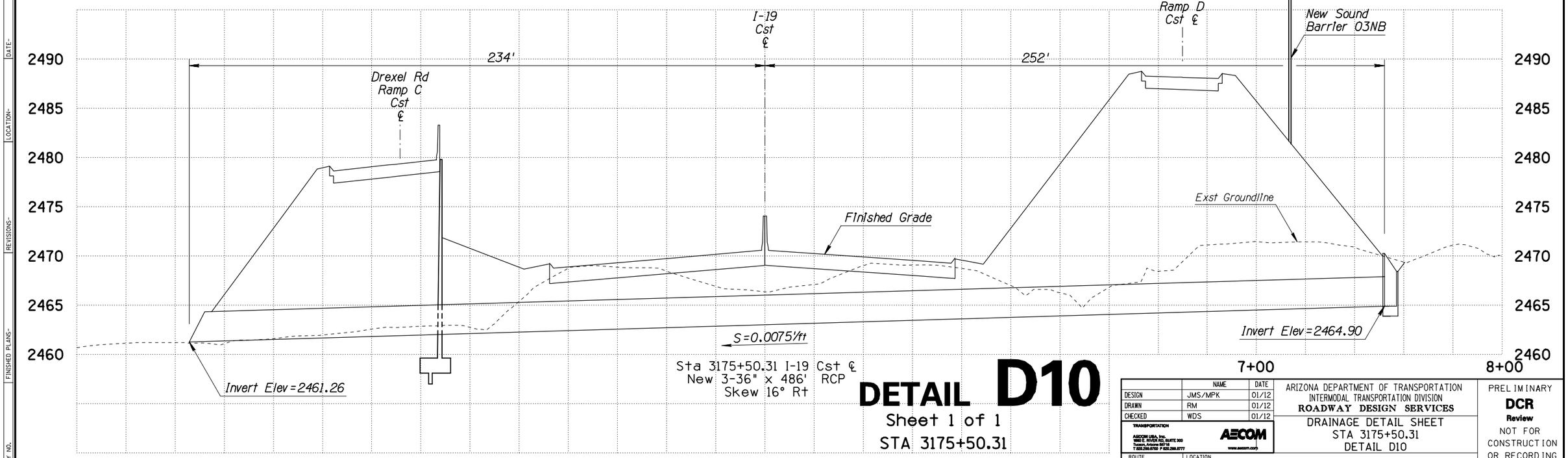
1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105D11.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	163	193	

019-PM-057

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.





Sta 3175+50.31 I-19 Cst ℄
New 3-36" x 486' RCP
Skew 16° Rt

DETAIL D10

Sheet 1 of 1

STA 3175+50.31

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

DRAINAGE DETAIL SHEET
STA 3175+50.31
DETAIL D10

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.12 OF D-1.26

TRACS NO. H 5105 01L

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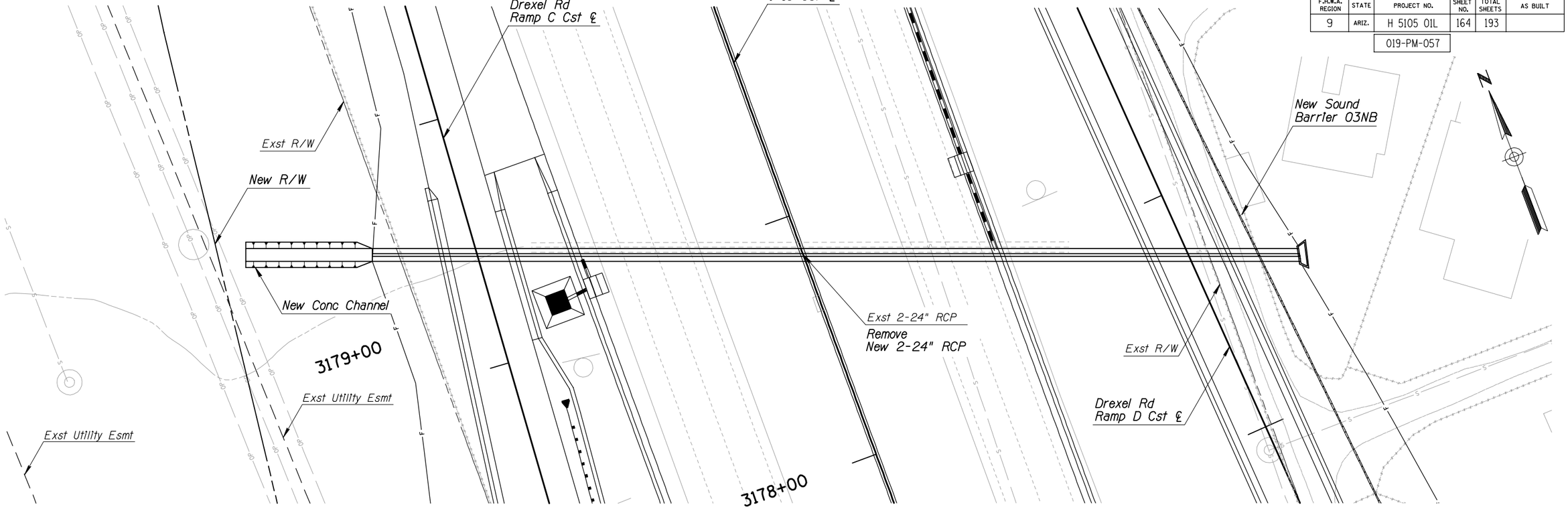
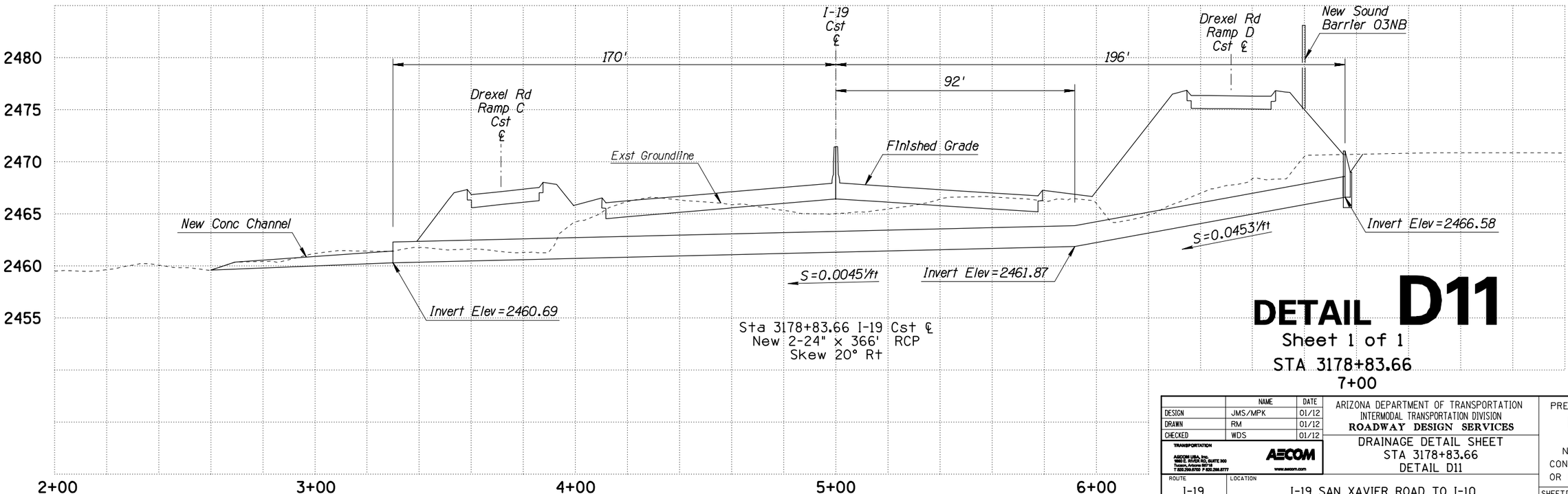
1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105D12.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	164	193	

019-PM-057

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-





Sta 3178+83.66 I-19 Cst ℄
New 2-24" x 366' RCP
Skew 20° Rt

DETAIL D11

Sheet 1 of 1

STA 3178+83.66

7+00

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

DRAINAGE DETAIL SHEET
STA 3178+83.66
DETAIL D11

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.13 OF D-1.26

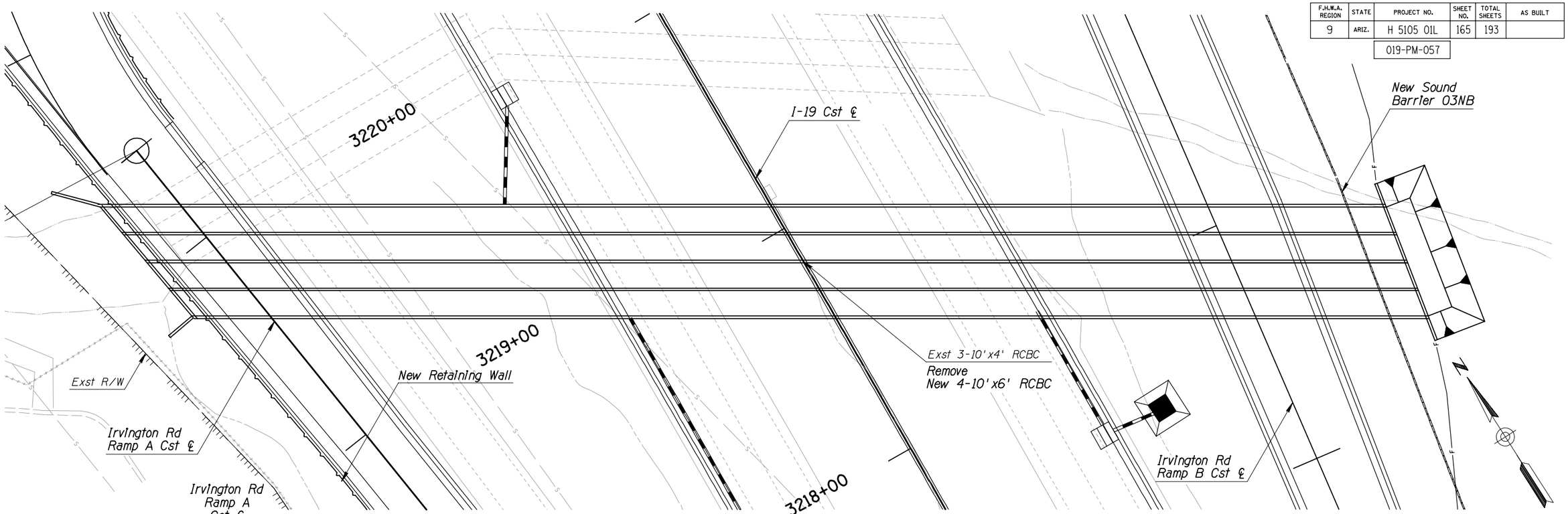
TRACS NO. H 5105 01L

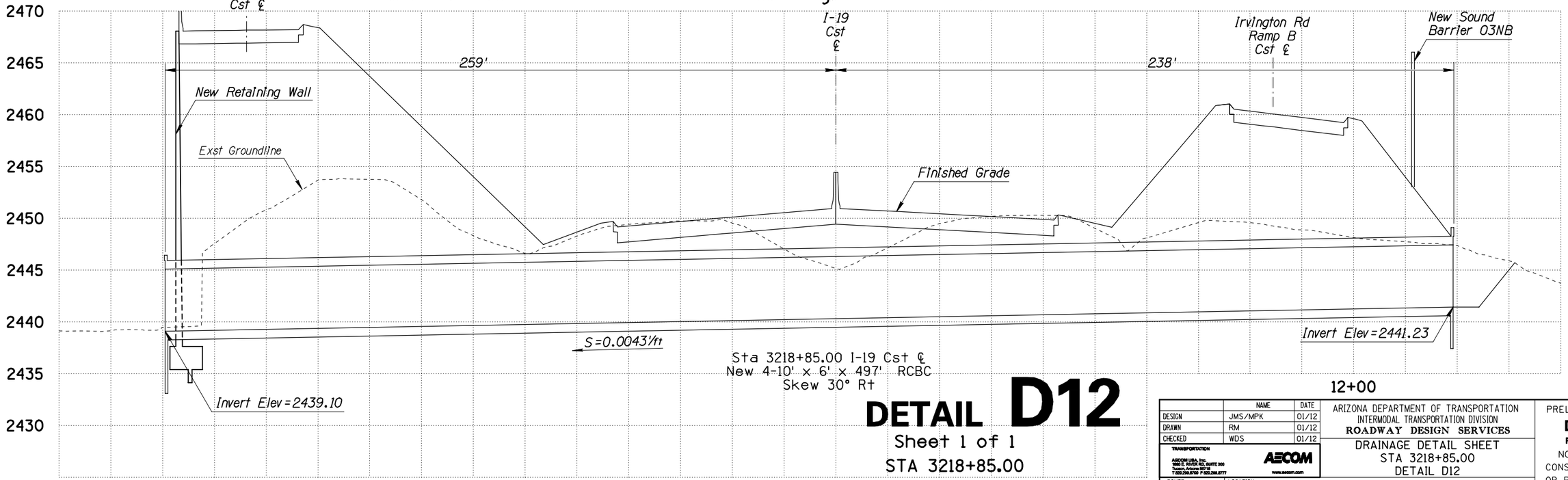
164 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105d13.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	165	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-





Sta 3218+85.00 I-19 Cst ℄
New 4-10' x 6' x 497' RCBC
Skew 30° Rt

DETAIL D12

Sheet 1 of 1

STA 3218+85.00

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

DRAINAGE DETAIL SHEET
STA 3218+85.00
DETAIL D12

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

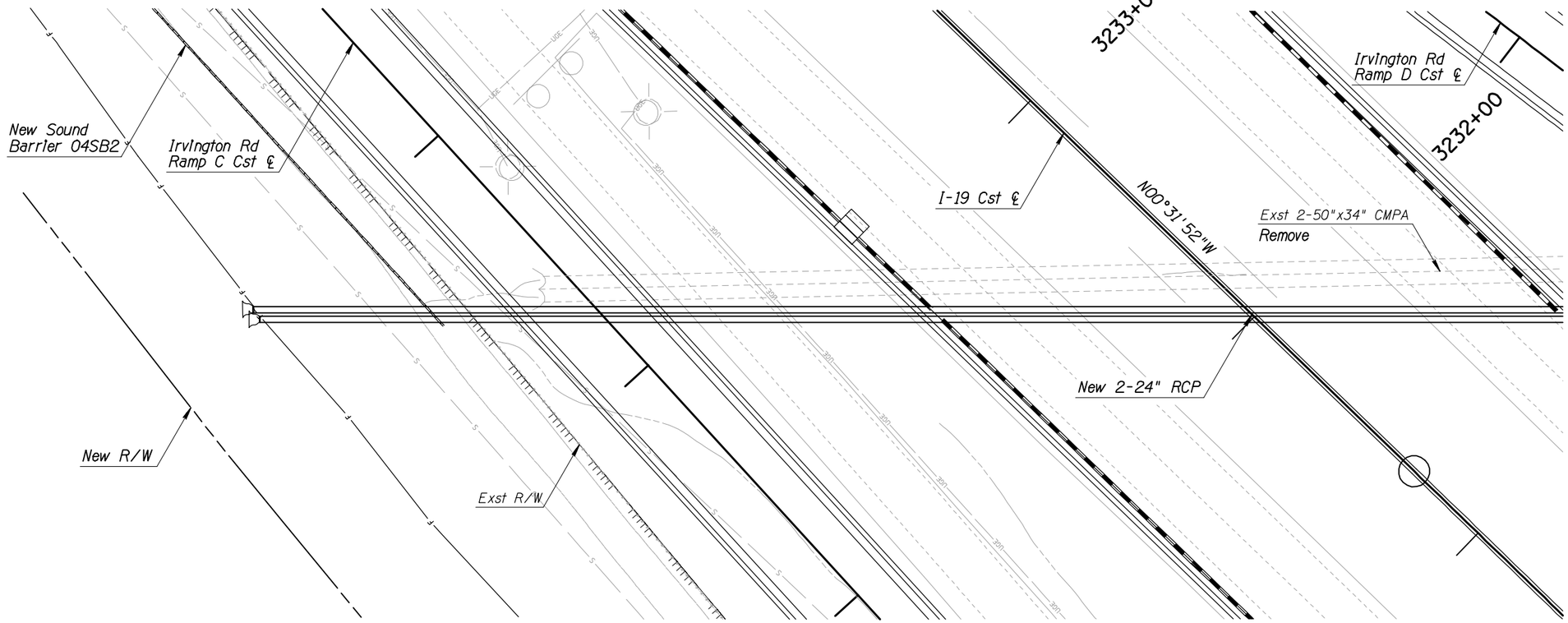
PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

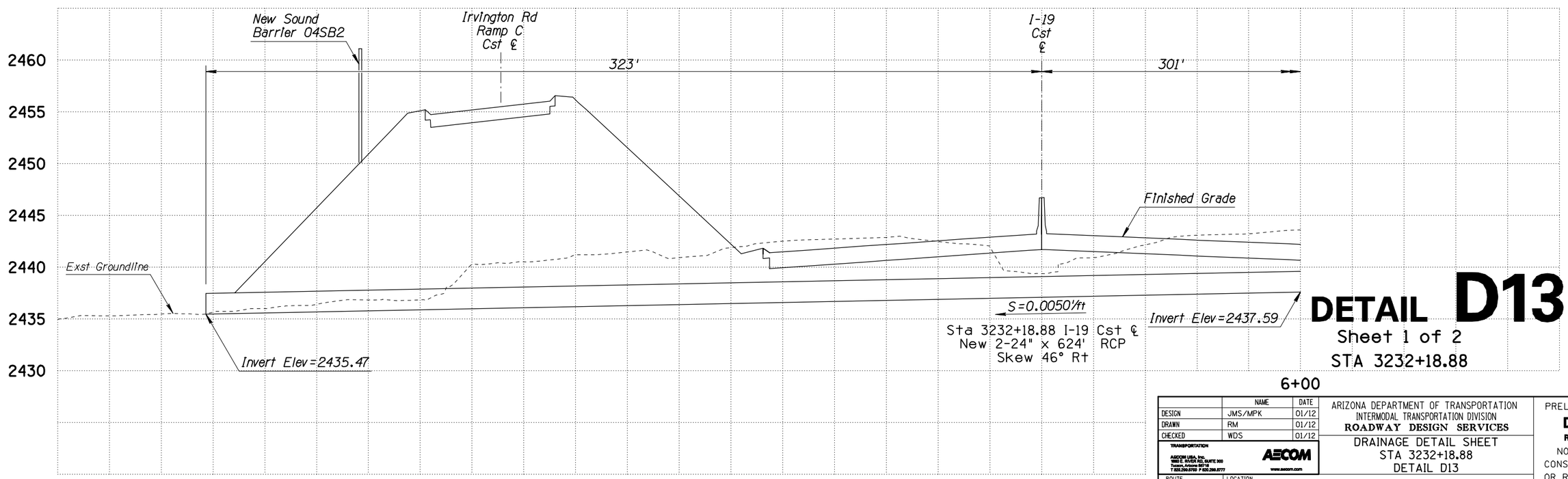
SHEET D-1.14 OF D-1.26

165 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105D14.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	166	193	
		019-PM-057			





DETAIL D13

Sheet 1 of 2

STA 3232+18.88

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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DRAINAGE DETAIL SHEET
STA 3232+18.88
DETAIL D13

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.15 OF D-1.26

TRACS NO. H 5105 01L

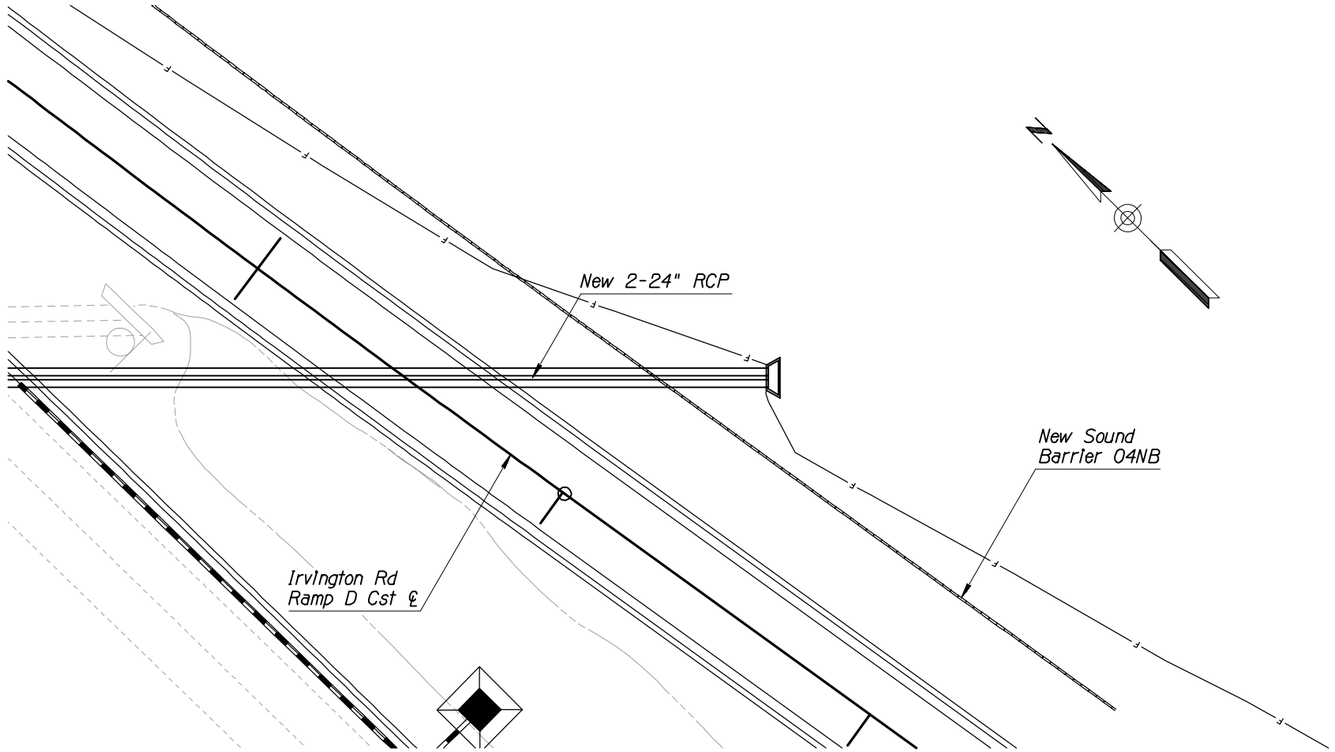
166 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105D15.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	167	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



Sta 3232+18.88 I-19 Cst ℄
New 2-24" x 624' RCP
Skew 46° Rt

DETAIL D13

Sheet 2 of 2

STA 3232+18.88

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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DRAINAGE DETAIL SHEET
STA 3232+18.88
DETAIL D13

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ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.16 OF D-1.26

TRACS NO. H 5105 01L

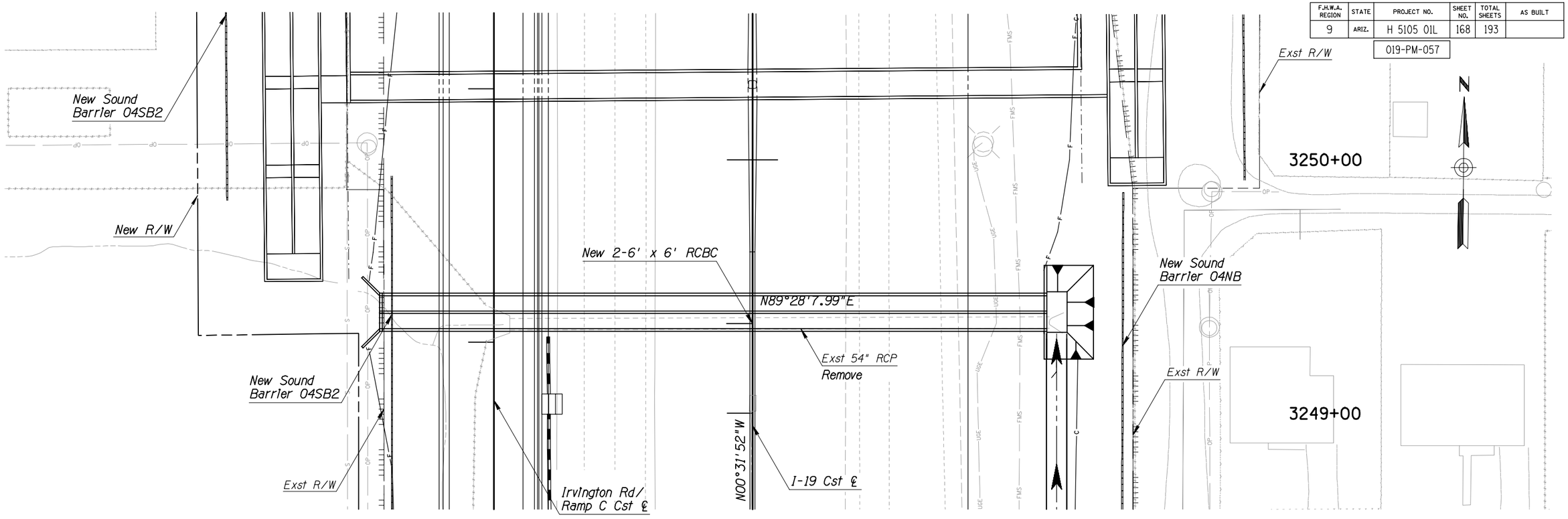
167 OF 193

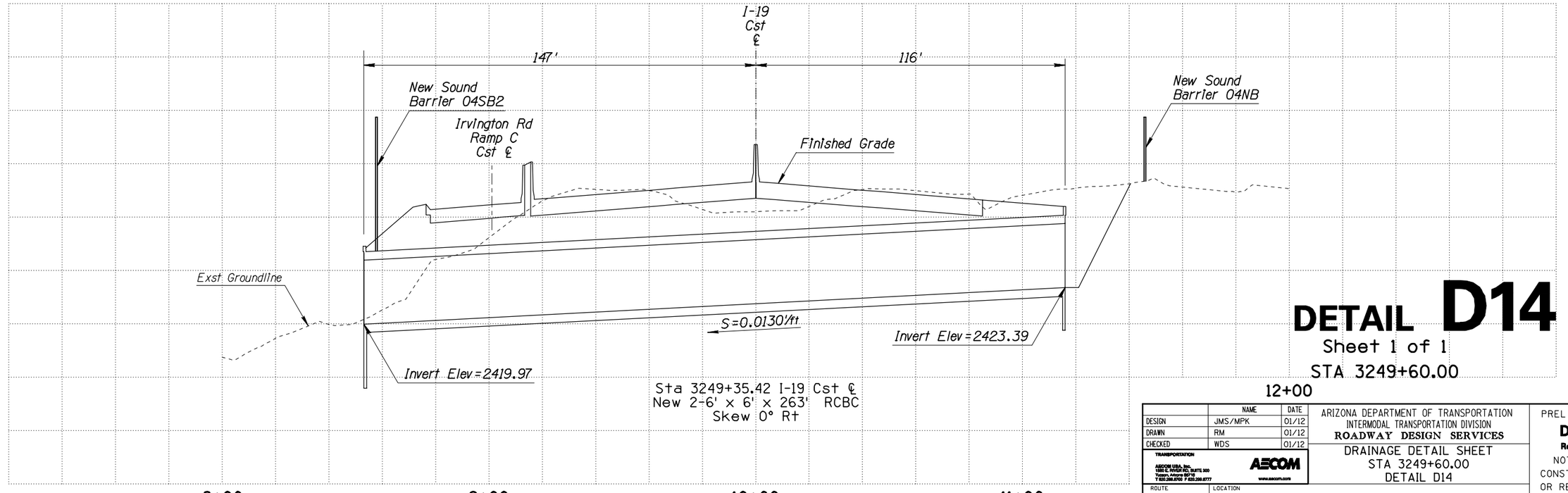
1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105D16.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	168	193	

019-PM-057

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-





Sta 3249+35.42 I-19 Cst ℄
New 2-6' x 6' x 263' RCBC
Skew 0° Rt

DETAIL D14

Sheet 1 of 1

STA 3249+60.00

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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DRAINAGE DETAIL SHEET
STA 3249+60.00
DETAIL D14

ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01L

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

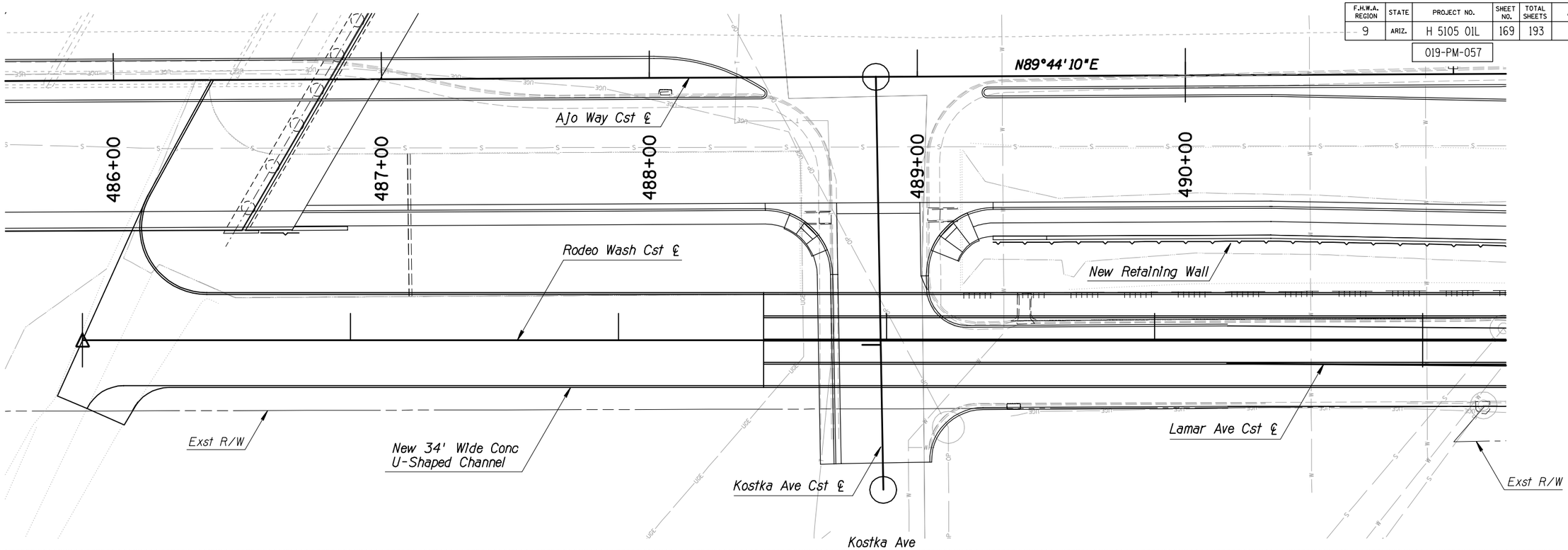
SHEET D-1.17 OF D-1.26

168 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\drn\h5105D17.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	169	193	

019-PM-057



Sta 3275+10.00 I-19 Cst ℄
Approx Sta 486+00.00 Ajo Way Cst ℄
New 4-8'x8'x700' RCBC
Skew 0°15'50" Rt

DETAIL D15

Sheet 1 of 4

RODEO WASH

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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DRAINAGE DETAIL SHEET
RODEO WASH
DETAIL D15

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.18 OF D-1.26

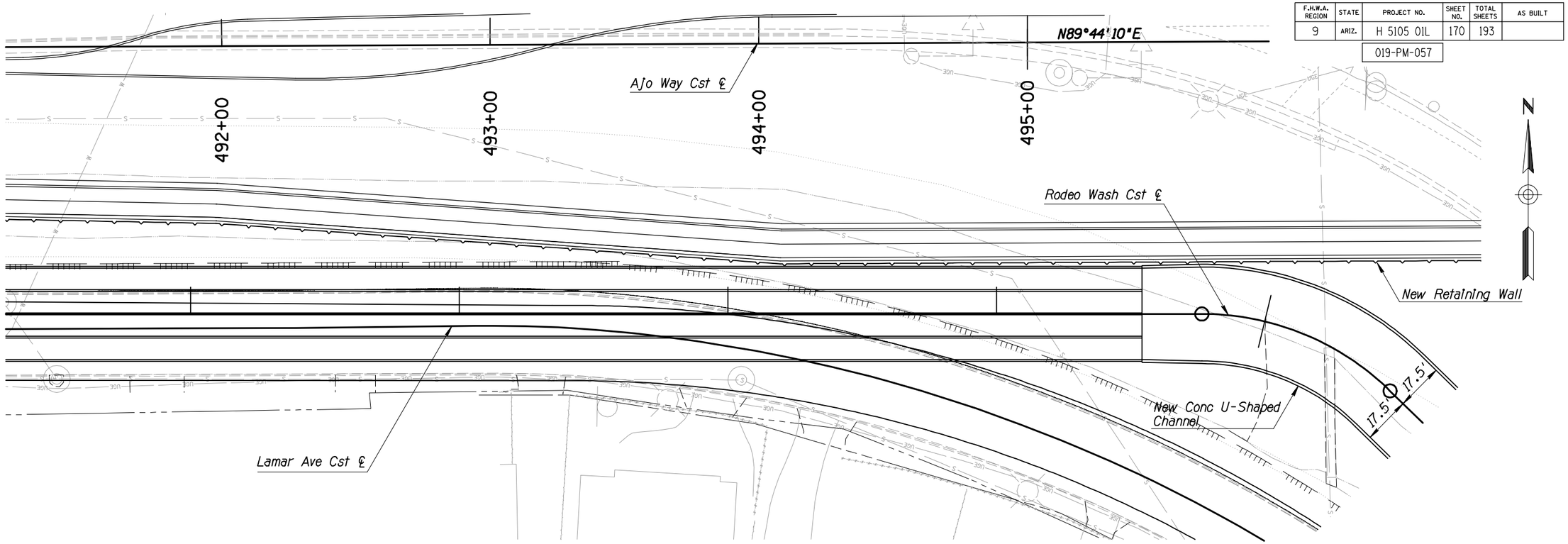
TRACS NO. H 5105 01L

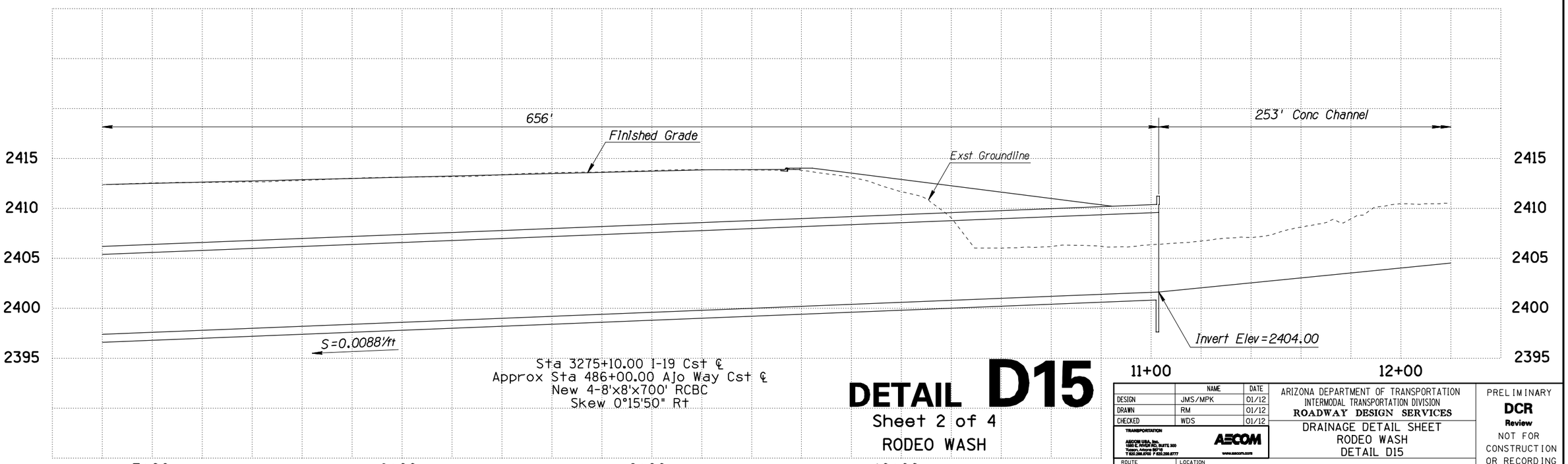
169 OF 193

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage 11\prod\drn\h5105D18.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	170	193	
		019-PM-057			





Sta 3275+10.00 I-19 Cst ℄
Approx Sta 486+00.00 Ajo Way Cst ℄
New 4-8'x8'x700' RCBC
Skew 0°15'50" Rt

DETAIL D15

Sheet 2 of 4

RODEO WASH

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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DETAIL D15

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.19 OF D-1.26

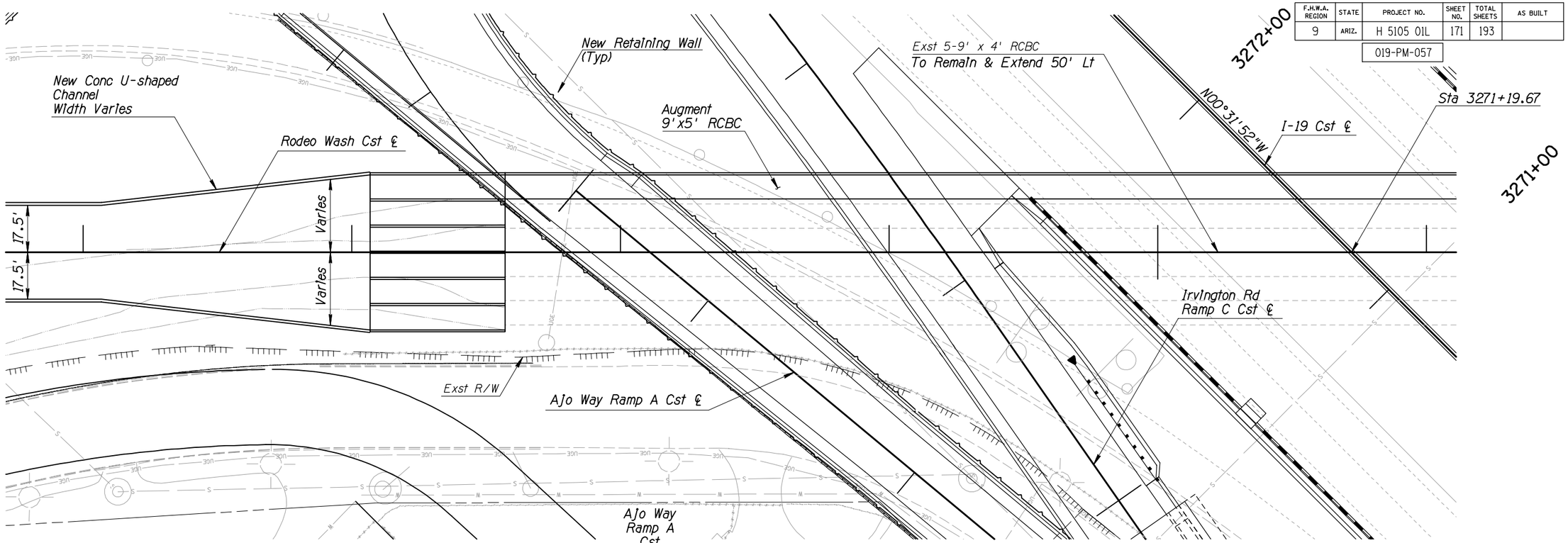
TRACS NO. H 5105 01L

170 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\drn\h5105D19.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	171	193	
		019-PM-057			



DETAIL D15

Sheet 3 of 4

RODEO WASH

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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DETAIL D15

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEETD-1.200FD-1.26

TRACS NO. H 5105 01L

171 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\drn\h5105D20.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
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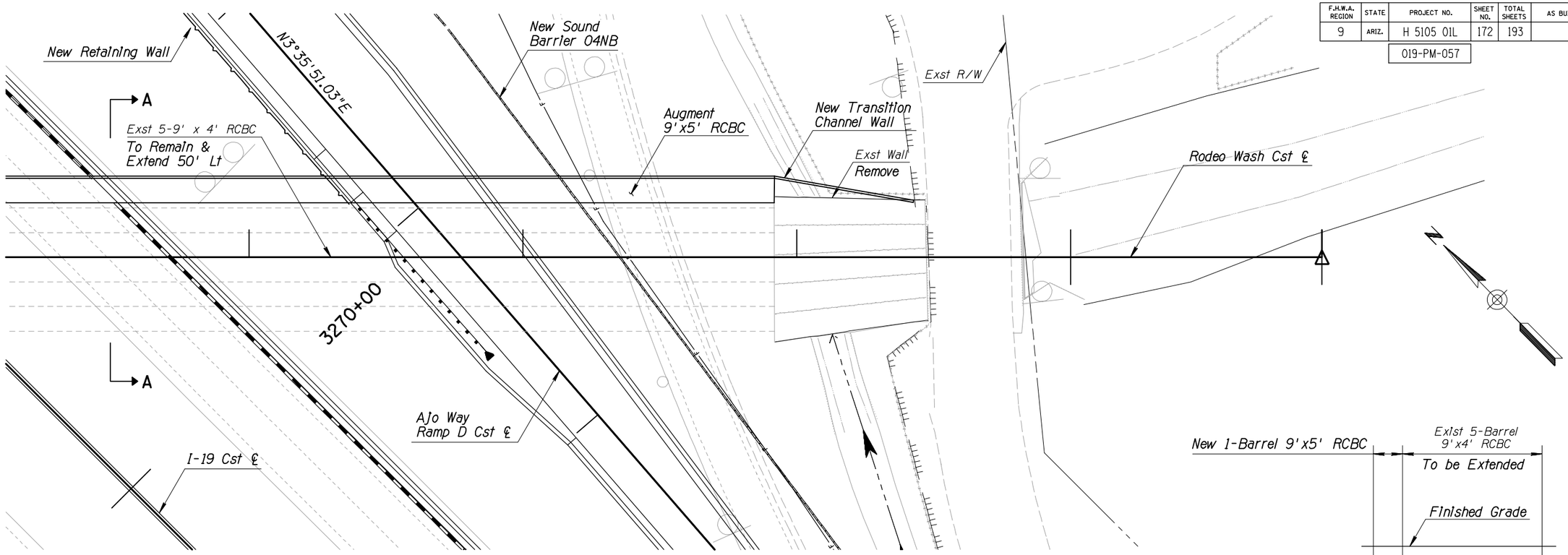
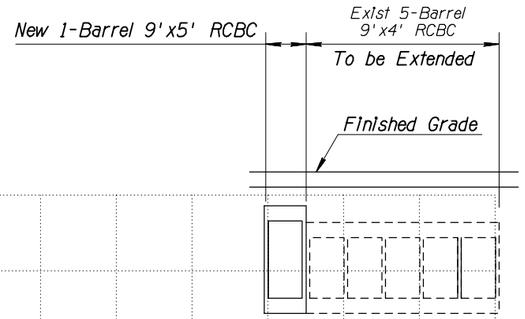
		019-PM-057			





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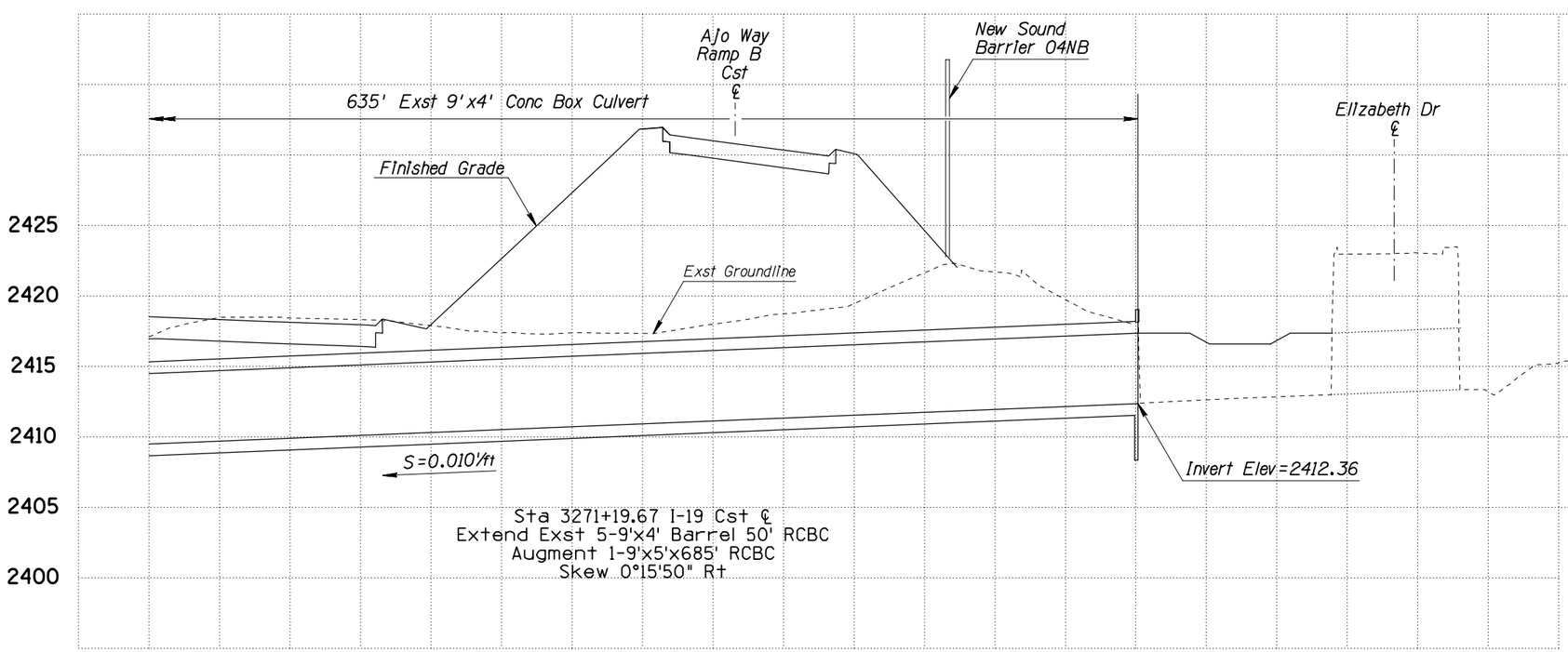

Sta 3271+19.67 I-19 Cst ℄
Extend Exst 5-9'x4' Barrel 50' RCBC
Augment 1-9'x5'x685' RCBC
Skew 0°15'50" Rt

DETAIL D15

Sheet 4 of 4

RODEO WASH

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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DRAINAGE DETAIL SHEET
RODEO WASH
DETAIL D15

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.21 OF D-1.26

TRACS NO. H 5105 01L

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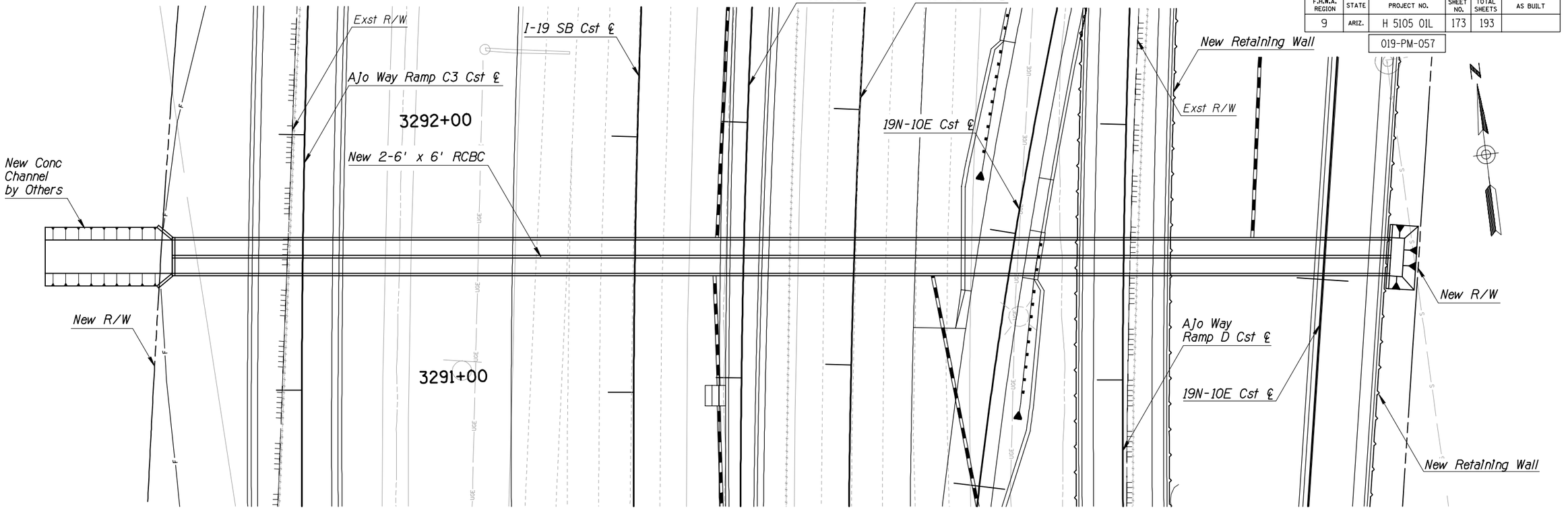
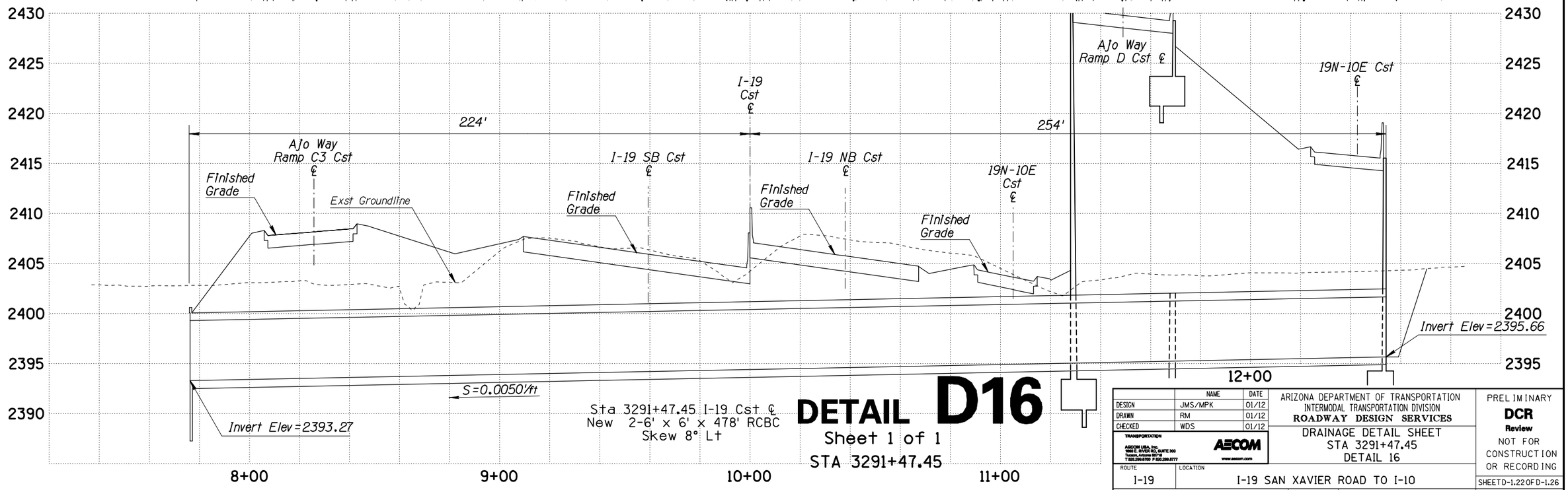
1/16/2012 t:\6310 i-19 stage 11\prod\drn\h5105D21.dgn

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	173	193	

019-PM-057





Sta 3291+47.45 I-19 Cst ℄
New 2-6' x 6' x 478' RCBC
Skew 8° Lt

DETAIL D16

Sheet 1 of 1
STA 3291+47.45

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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DRAINAGE DETAIL SHEET
STA 3291+47.45
DETAIL 16

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.22 OF D-1.26

TRACS NO. H 5105 01L

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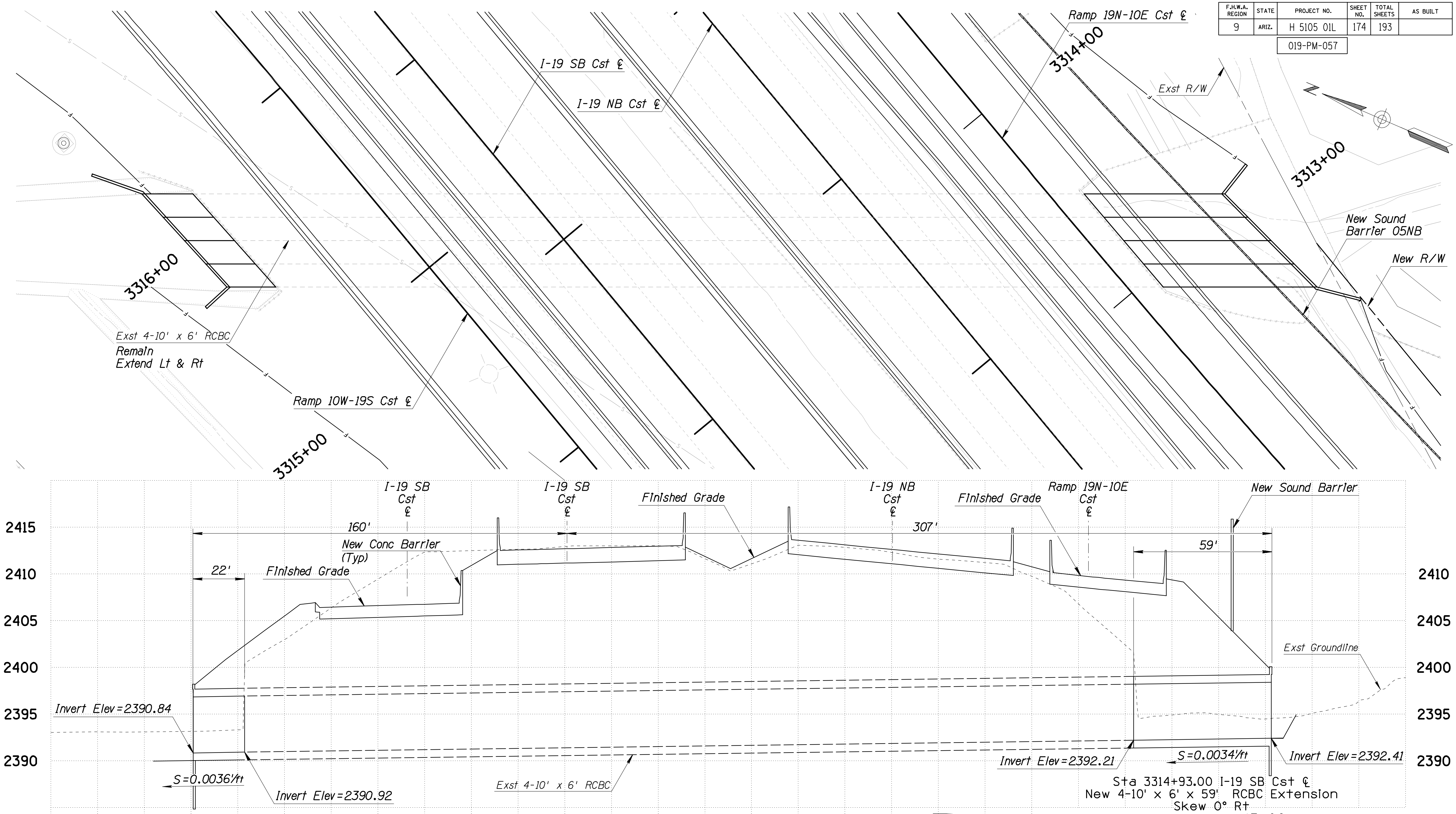
1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105D22.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	174	193	

019-PM-057



Sta 3314+93.00 I-19 SB Cst ℄
New 4-10' x 6' x 22' RCBC Extension
Skew 0° Rt

DETAIL D17

Sheet 1 of 1

STA 3314+93.00

8+00 9+00 10+00 11+00 12+00

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

DRAINAGE DETAIL SHEET
STA 3314+93.00
DETAIL D17

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

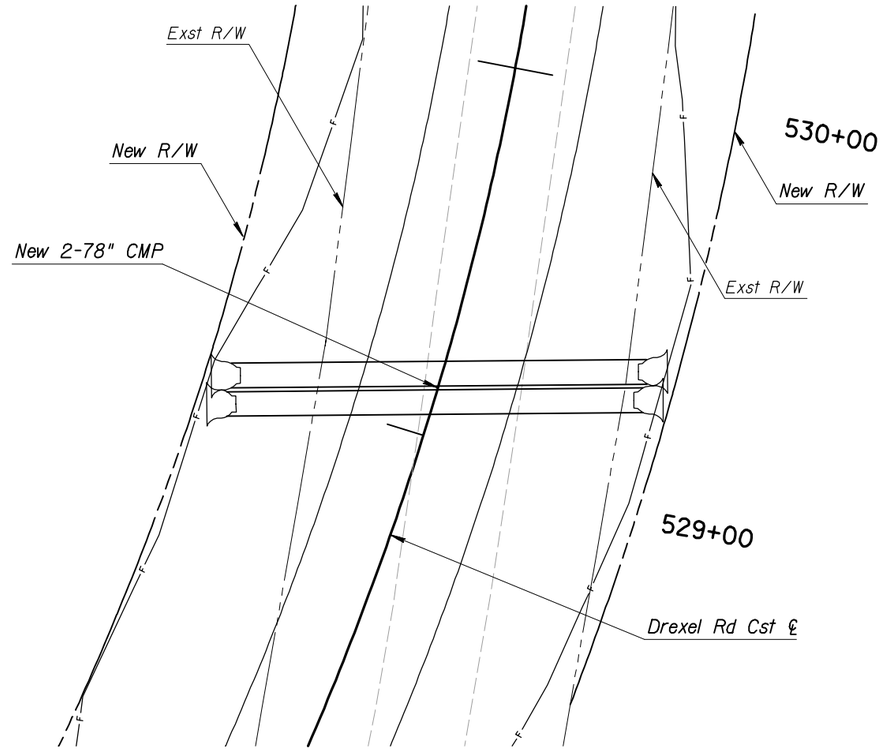
ROUTE: I-19
LOCATION: I-19 SAN XAVIER ROAD TO I-10

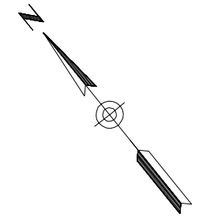
SHEET D-1.23 OF D-1.26

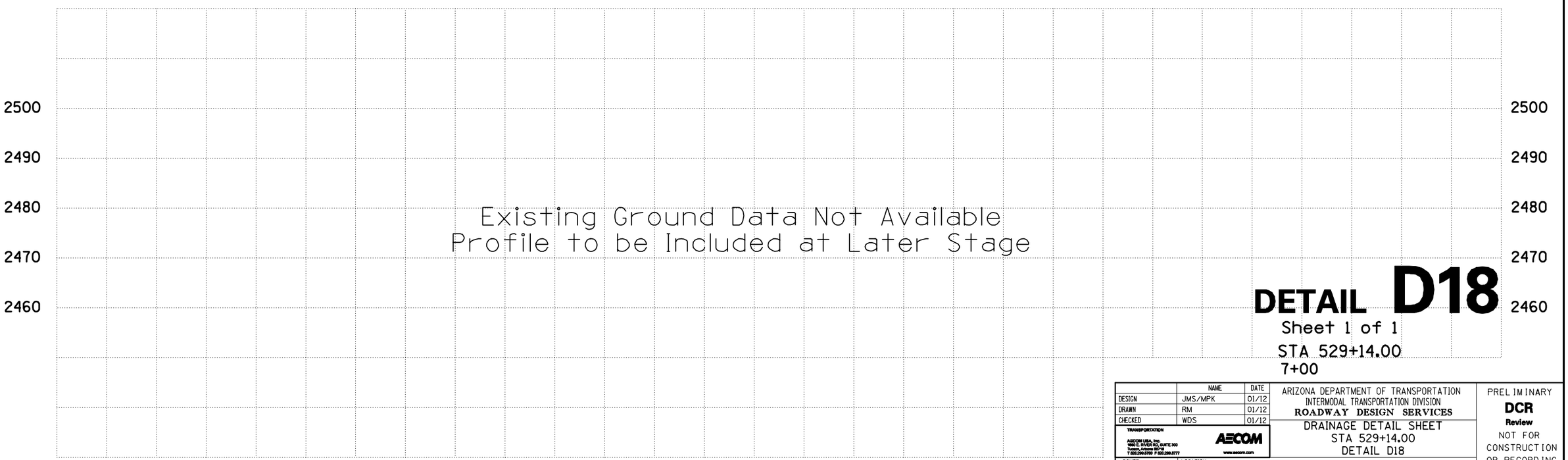
TRACS NO. H 5105 01L

1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105D23.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	175	193	
		019-PM-057			







DETAIL D18

Sheet 1 of 1

STA 529+14.00

7+00

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

DRAINAGE DETAIL SHEET
STA 529+14.00
DETAIL D18

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.24 OF D-1.26

TRACS NO. H 5105 01L

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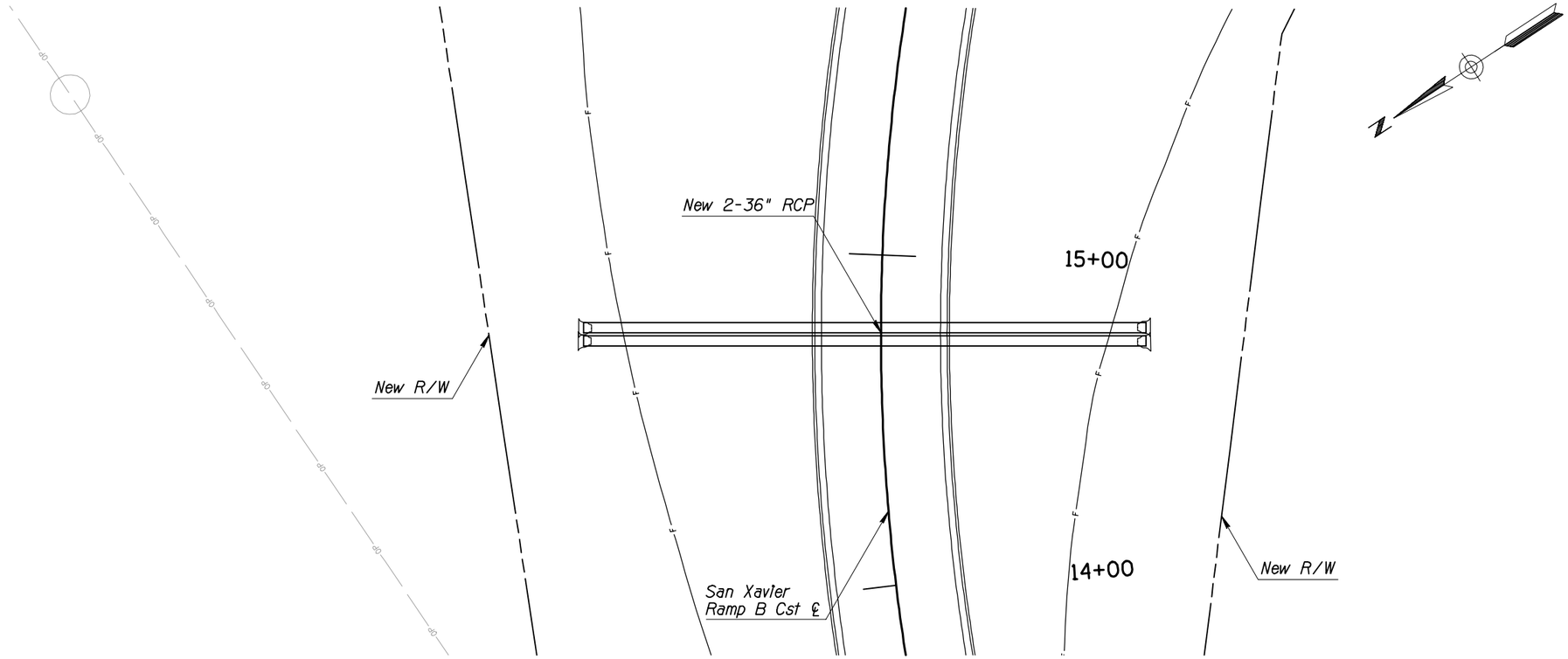
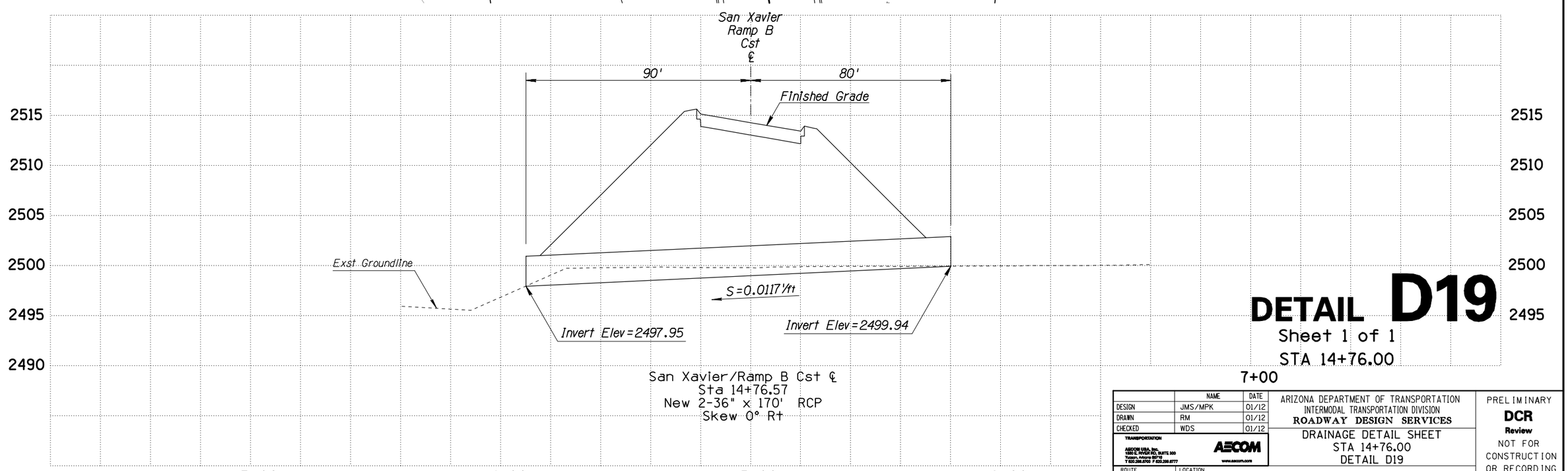
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105D24.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	176	193	
		019-PM-057			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-





San Xavier/Ramp B Cst ℄
Sta 14+76.57
New 2-36" x 170' RCP
Skew 0° Rt

DETAIL D19

Sheet 1 of 1
STA 14+76.00

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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DRAINAGE DETAIL SHEET
STA 14+76.00
DETAIL D19

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.25 OF D-1.26

TRACS NO. H 5105 01L

176 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105025.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
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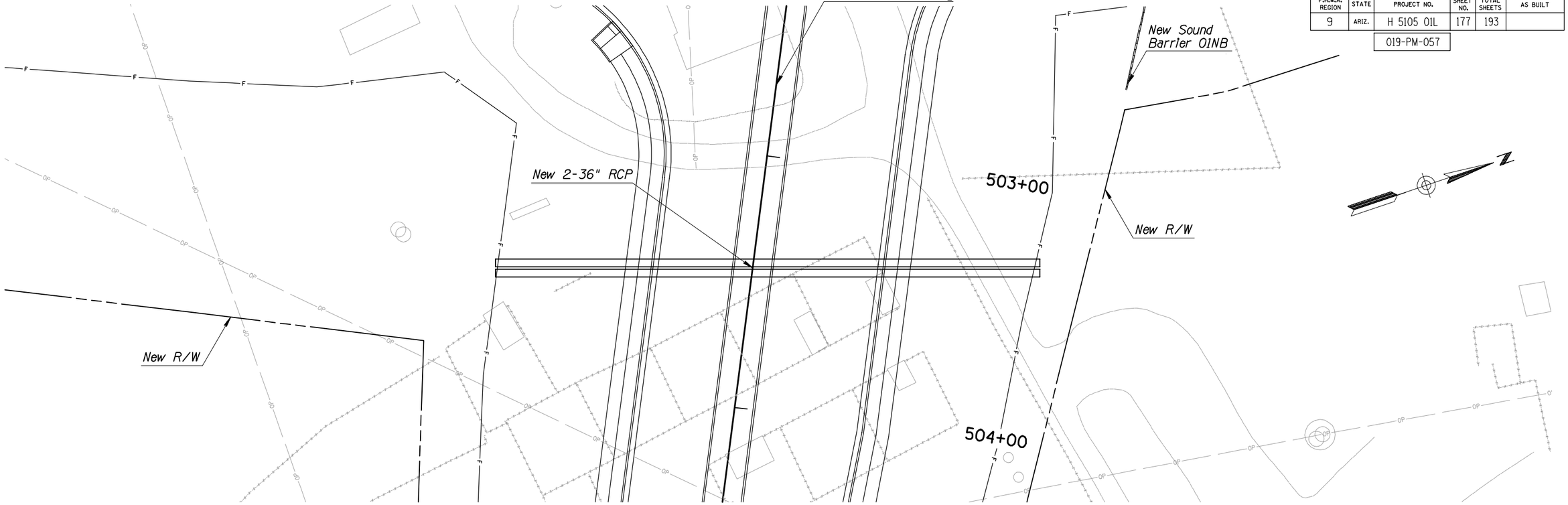
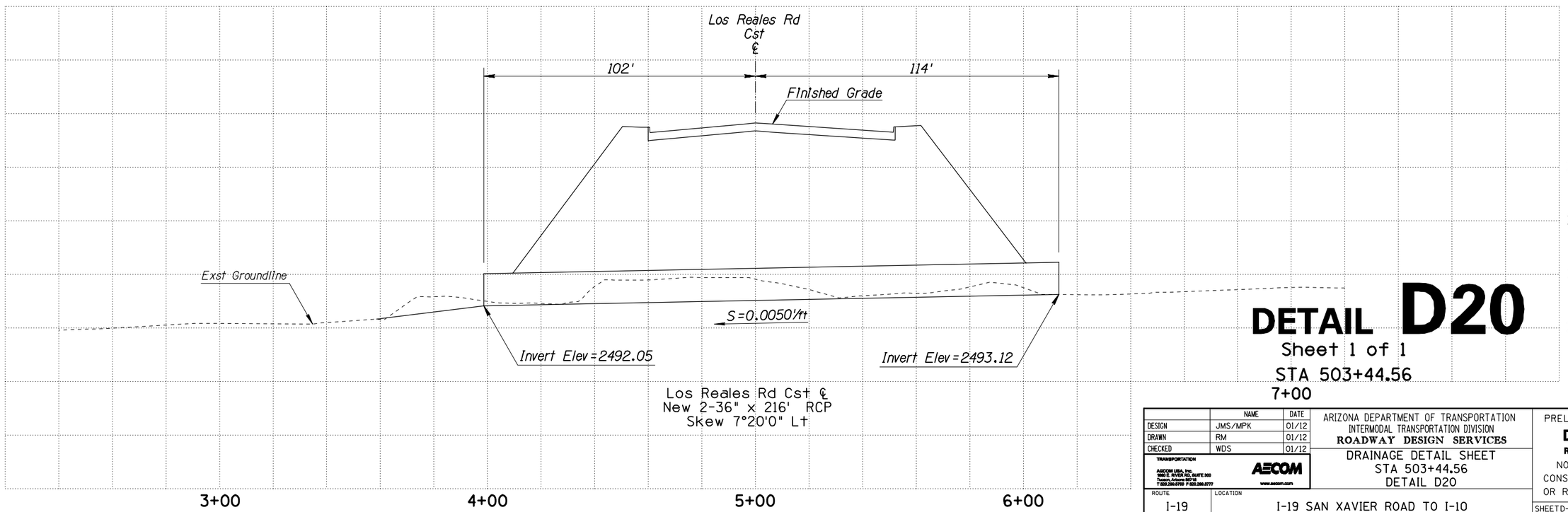
		019-PM-057			





Los Reales Rd Cst ℄
New 2-36" x 216' RCP
Skew 7°20'0" Lt

DETAIL D20

Sheet 1 of 1

STA 503+44.56

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

DRAINAGE DETAIL SHEET
STA 503+44.56
DETAIL D20

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	I-19 SAN XAVIER ROAD TO I-10

SHEET D-1.26 OF D-1.26

TRACS NO. H 5105 01L

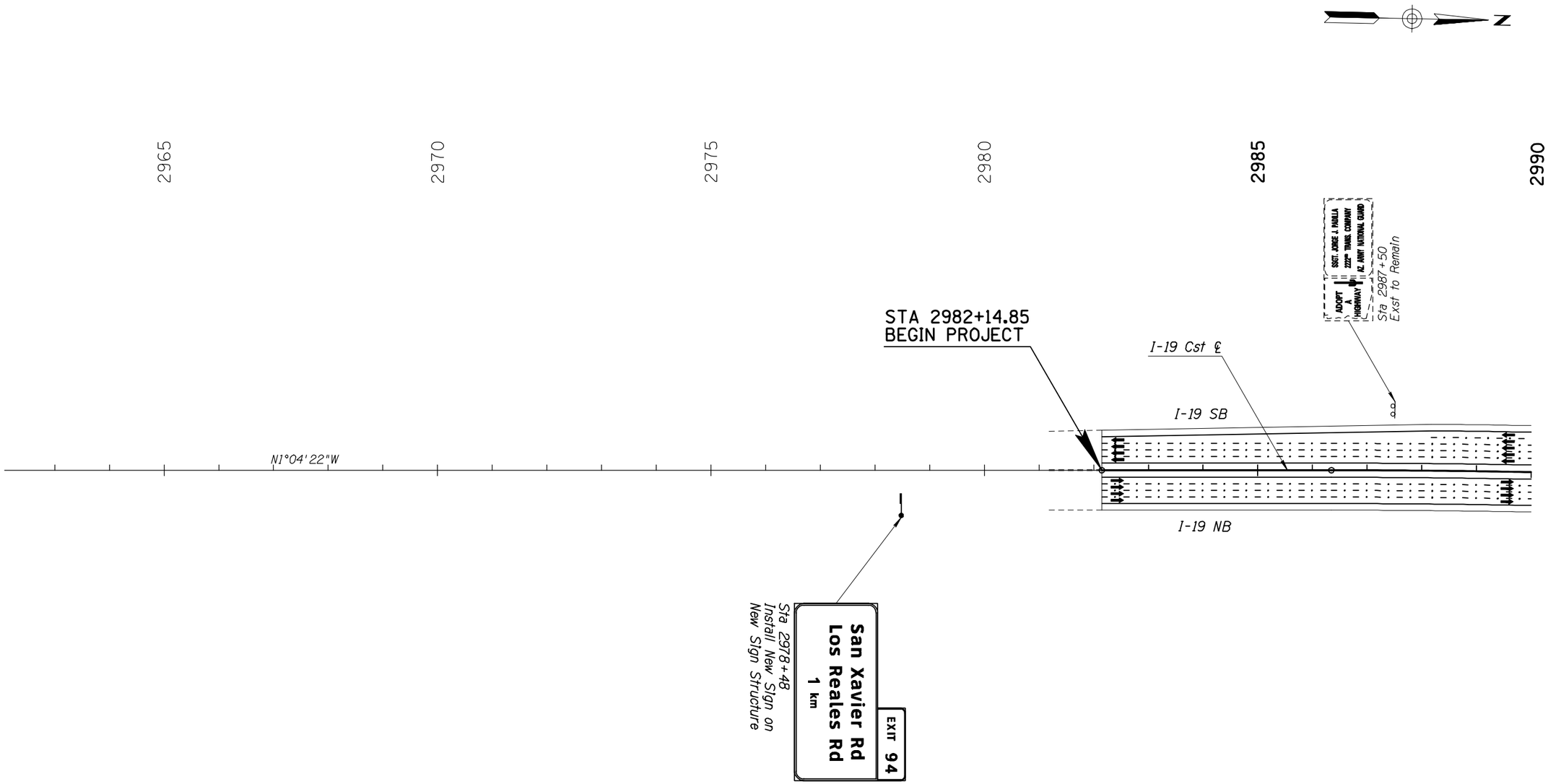
177 OF 193

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

1/16/2012 t:\6310 i-19 stage ii\prod\drn\h5105D26.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	178	193	
		019-PM-057			

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.1			
NO.2			



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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TRAFFIC DESIGN SERVICES

PAVEMENT MARKING & SIGNING PLANS
STA 2962+00 TO 2990+00

LOCATION
I-19 SAN XAVIER ROAD TO I-10

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

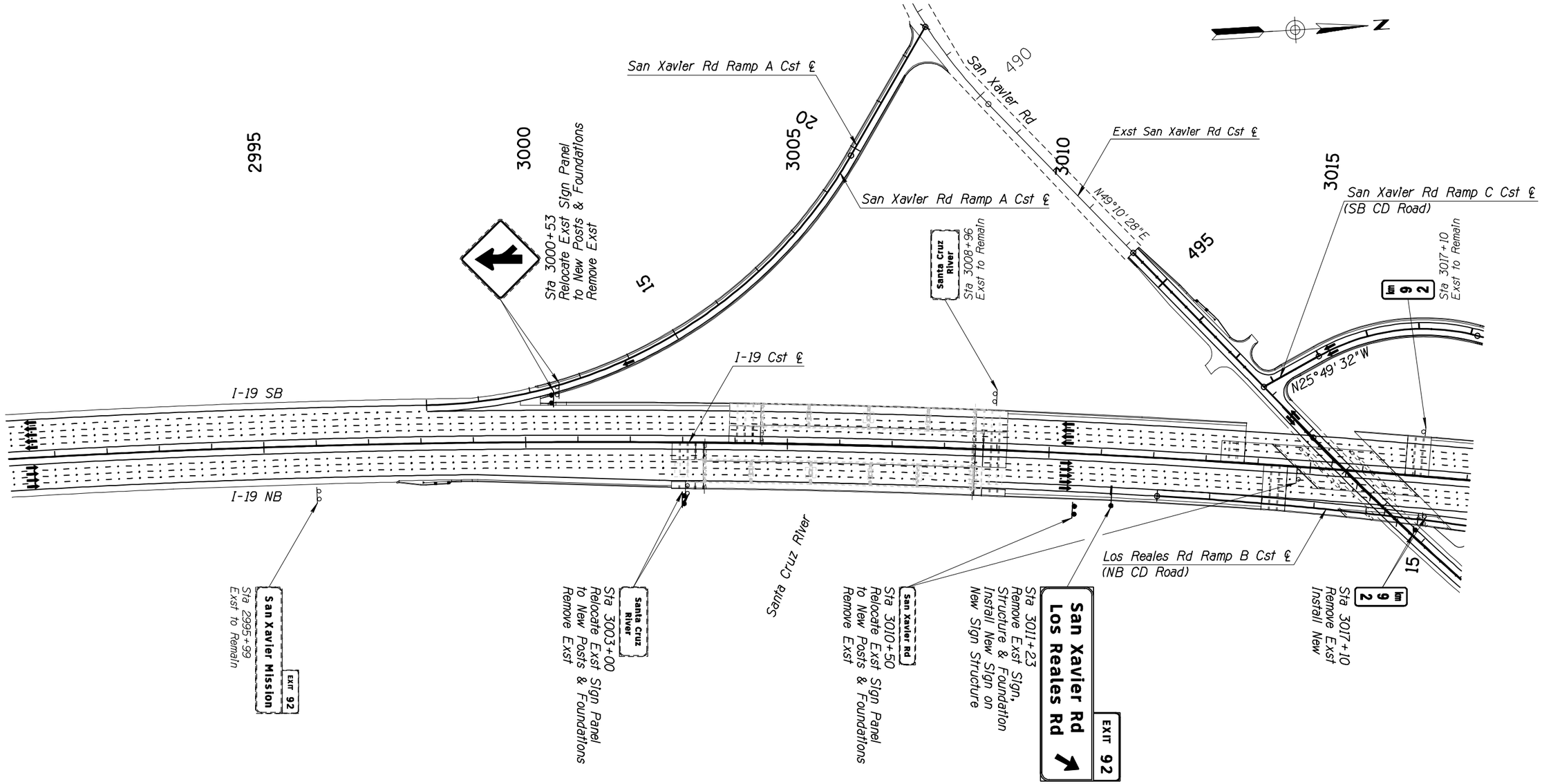
SHEET T-1.01 OF T-1.16

TRACS NO. H 5105 01 L | 019-PM-057 | 178 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\tra\t5105101.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	179	193	
		019-PM-057			

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.1			
NO.2			



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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PAVEMENT MARKING &
SIGNING PLANS
STA 2990+00 TO 3018+00

LOCATION
I-19 SAN XAVIER ROAD TO I-10

PRELIMINARY
DCR
Review
NOT FOR
CONSTRUCTION
OR RECORDING

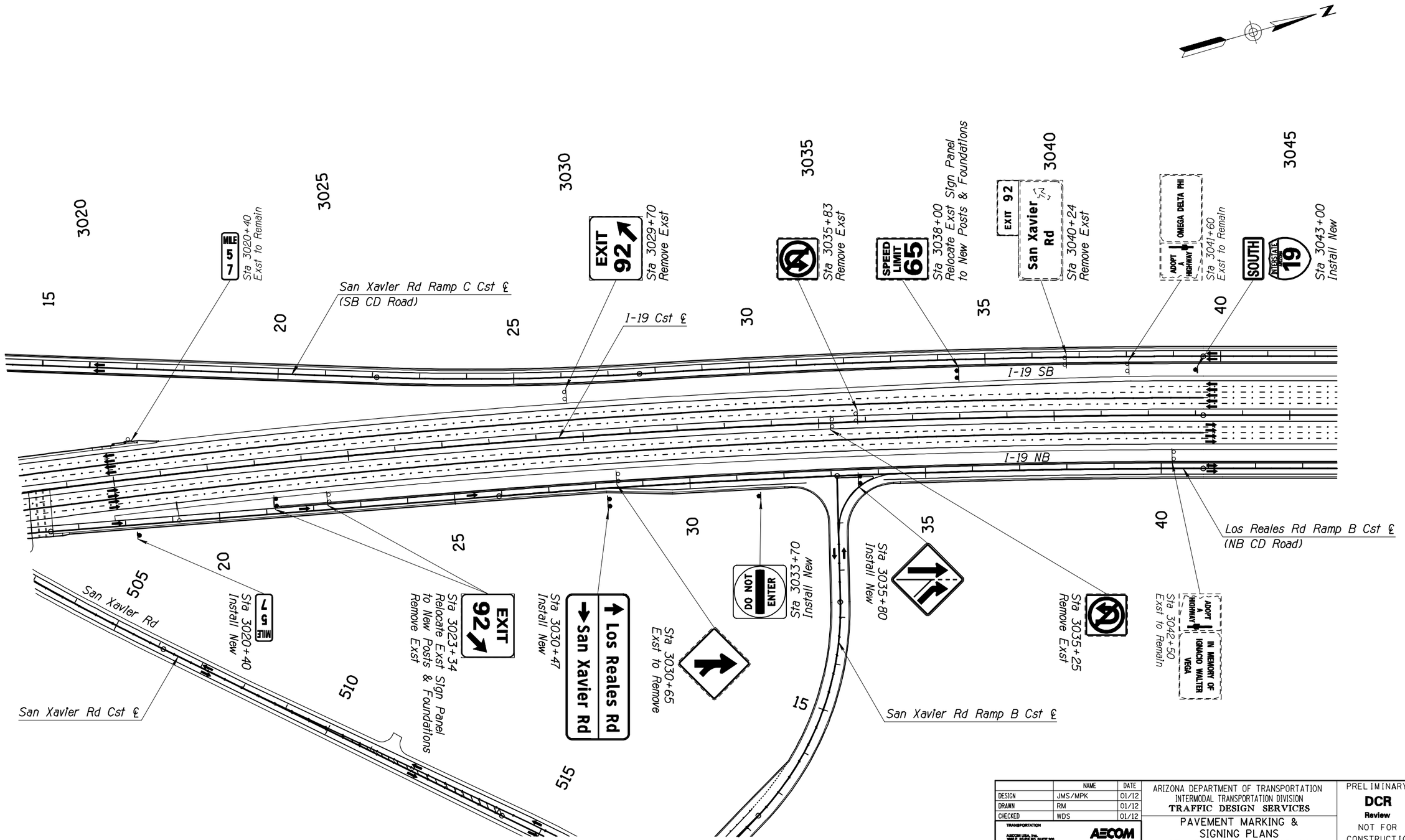
SHEET T-1.02 OF T-1.16

TRACS NO. H 5105 01 L | 019-PM-057 | *179* OF *193*

1/16/2012 t:\6310 i-19 stage ii\prod\tra\t5105102.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	180	193	
		019-PM-057			

NO.	DESCRIPTION OF REVISION	DATE	MADE BY
NO.1			
NO.2			



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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STA 3018+00 TO 3046+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

LOCATION
I-19

SAN XAVIER ROAD TO I-10

SHEET T-1.03 OF T-1.16

TRACS NO. H 5105 01 L

019-PM-057

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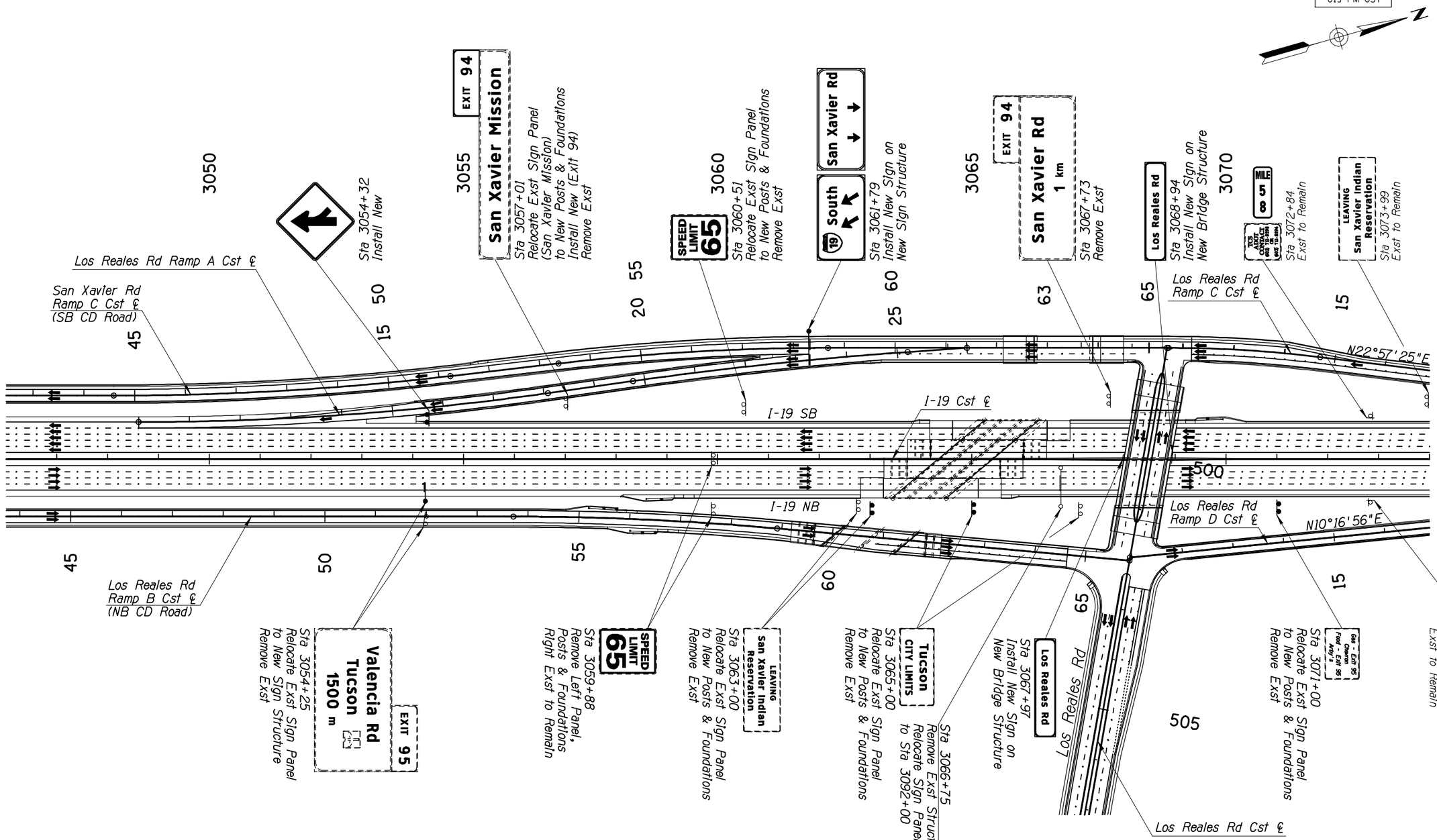
1/16/2012 t:\6310 i-19 stage ii\prod\tra\t5105103.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	181	193	
		019-PM-057			

NO.	DESCRIPTION OF REVISION	DATE	MADE BY
NO.1			
NO.2			



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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STA 3046+00 TO 3074+00

LOCATION
I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057 | 181 OF 193

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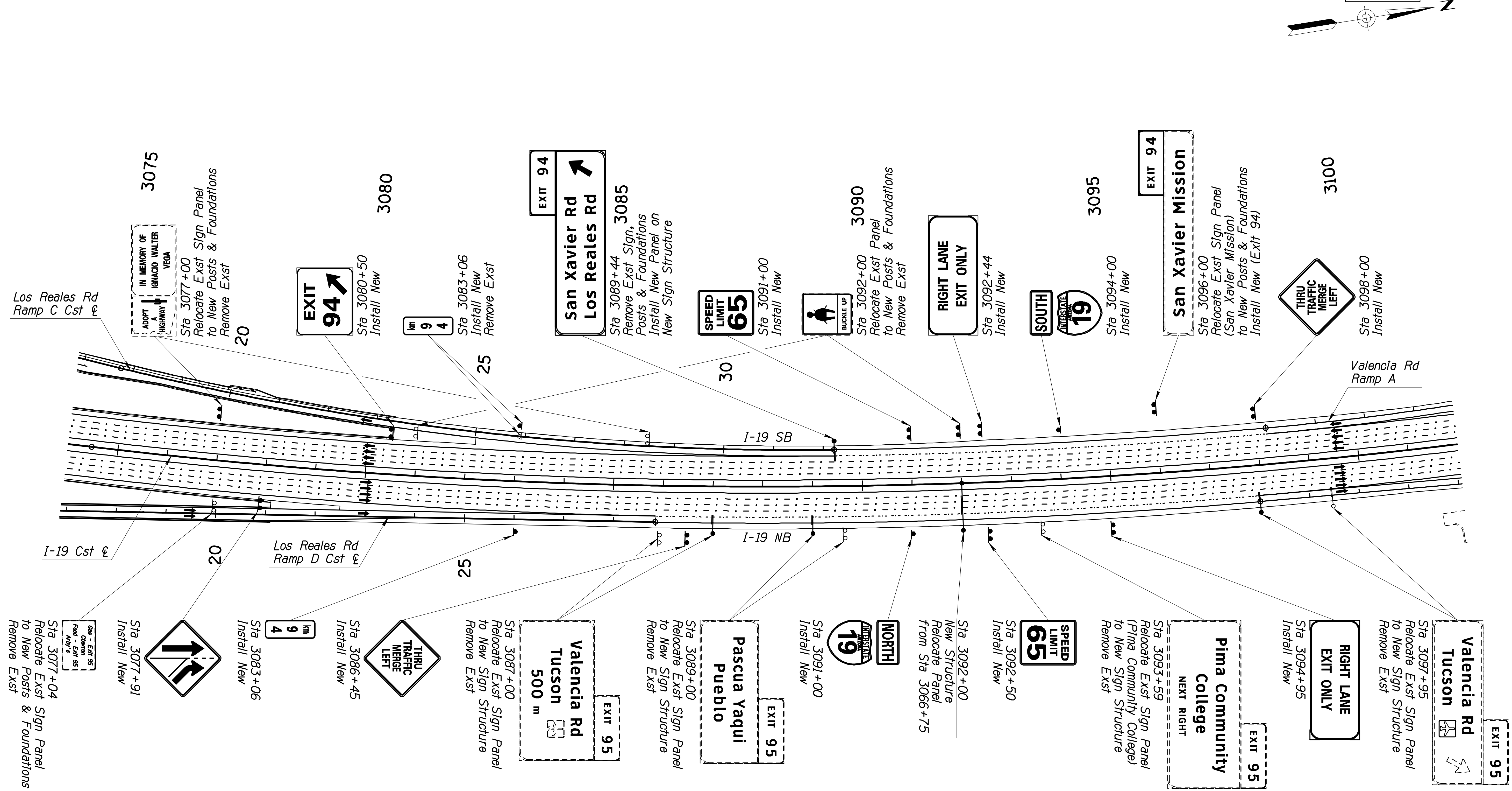
SHEET T-1.04 OF T-1.16

1/16/2012 t:\6310 i-19 stage 11\prod\tra\t5105104.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	182	193	

019-PM-057



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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TRAFFIC DESIGN SERVICES

PAVEMENT MARKING &
SIGNING PLANS
STA 3074+00 TO 3102+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

LOCATION
I-19 SAN XAVIER ROAD TO I-10

SHEET T-1.05 OF T-1.16

TRACS NO. H 5105 01 L | 019-PM-057 | 182 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\tra\t5105105.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	183	193	
		019-PM-057			

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.1			
NO.2			

N

3105 3110 3115 3120 3125 3130

Valencia Rd

N84°43'11"E

Sta 3105+07
Remove Exst

Sta 3106+24
Install New

Valencia Rd Ramp A Cst ℄

I-19 Cst ℄

N7°22'35"W

I-19 SB

N88°37'15"E

495

EXIT 94
San Xavier Rd
Los Reales Rd
1 km

Sta 3117+58
Install New Sign on
Exst Bridge Structure

Valencia Rd

Sta 3117+58
Exst to Remain

Valencia Rd
Ramp C Cst ℄

N2°57'18"E

MILE 95

Sta 3125+25
Exst to Remain

EXIT 95

Sta 3127+44
Relocate Exst Sign Panel
to New Posts & Foundations
Remove Exst

5001

N4°13'47"E

I-19 NB

N5°35'14"W

Valencia Rd Ramp B Cst ℄

Valencia Rd Ramp D Cst ℄

Sta 3106+77
Relocate Exst Sign Panels
to New Posts & Foundations
Remove Exst

EXIT 95

Valencia Rd

Sta 3116+13
Exst to Remain

Sta 3116+13
Install New Sign on
Exst Bridge Structure

Drexel Rd
1 km
EXIT 97

505

Valencia Rd Cst ℄

S89°53'40"E

MILE 95

Sta 3125+25
Exst to Remain

Sta 3127+06
Remove Exst

Sta 3128+78
Install New

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
TRAFFIC DESIGN SERVICES

PAVEMENT MARKING &
SIGNING PLANS
STA 3102+00 TO 3130+00

LOCATION
I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR
CONSTRUCTION
OR RECORDING

SHEET T-1.06 OF T-1.16

183 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\tra\t5105106.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	184	193	
		019-PM-057			

N

3130 3135 3140 3145 3150 3155

EXIT 95 Valencia Rd Tucson
Sta 3133+86
Relocate Exst Sign Panel to New Sign Structure
Remove Exst

Valencia Rd Ramp C Cst ℄

I-19 Cst ℄

SPEED LIMIT 65
Sta 3142+50
Install New

SOUTH INTERSTATE 19
Sta 3144+00
Install New

km 9 6
Sta 3146+10
Exst to Remain

Sta 3155+24
Install New

30 35 40 45 50 15

N2°11'29"W

N10°57'41"W

Drexel Rd Ramp A Cst ℄

I-19 SB

I-19 NB

25 30 15

Valencia Rd Ramp D Cst ℄

Drexel Rd Ramp B Cst ℄

Irvington Rd 2 km EXIT 98
Sta 3138+00
Relocate Exst Sign Panel to New Sign Structure
Remove Exst

Sta 3140+19
Install New

THRU TRAFFIC MERGE LEFT

Sta 3140+50
Exst to Remain

INTERSTATE 19 NORTH

Sta 3143+00
Relocate Exst Sign Panel (Pima Community College) to New Sign Structure
Install New Sign Panel (Exit 97)

Pima Community College NEXT RIGHT EXIT 97

Sta 3144+91
Exst to Remain

SPEED LIMIT 65

km 9 6
Sta 3146+10
Install New

Sta 3148+69
Install New

RIGHT LANE EXIT ONLY

Sta 3151+69
Install New Sign on New Sign Structure

Drexel Rd EXIT 97

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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INTERMODAL TRANSPORTATION DIVISION
TRAFFIC DESIGN SERVICES

PAVEMENT MARKING & SIGNING PLANS
STA 3130+00 TO 3158+00

LOCATION
I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET T-1.07OF T-1.16

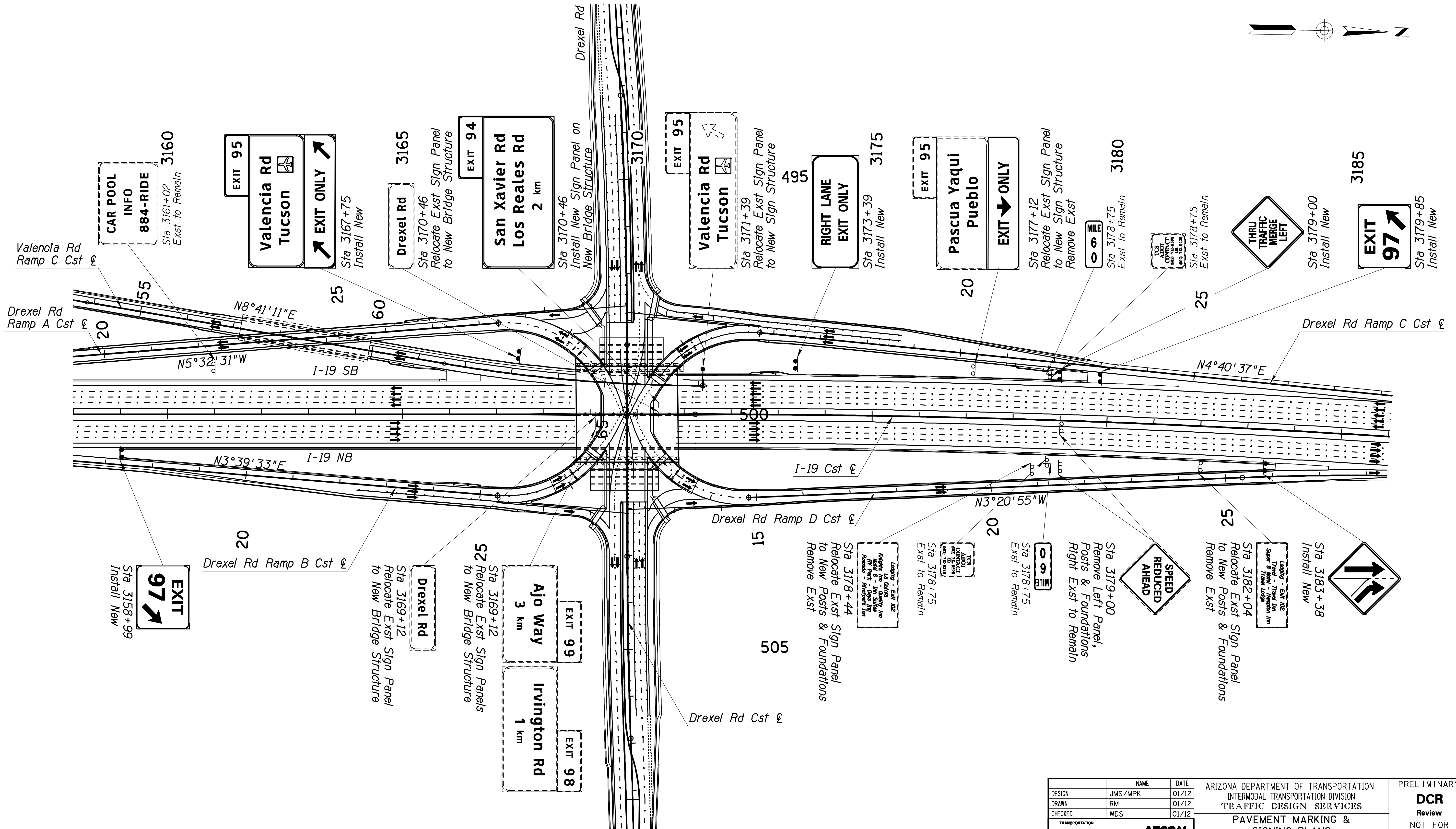
184 OF 193

NO.1 DESCRIPTION OF REVISION | MADE BY | DATE
NO.2 DESCRIPTION OF REVISION | MADE BY | DATE

1/16/2012 t:\6310 i-19 stage 11\prod\tra\t5105107.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	185	193	

019-PM-057



Drexel Rd
CAR POOL INFO 884-RIDE
Sta 3161+02
Exst to Remain
3160
EXIT 95
Valencia Rd
Tucson
EXIT ONLY
Sta 3167+75
Install New
Drexel Rd
3165
Sta 3170+46
Relocate Exst Sign Panel
to New Bridge Structure
EXIT 94
San Xavier Rd
Los Reales Rd
2 km
Sta 3170+46
Install New Sign Panel on
New Bridge Structure
3170
EXIT 95
Valencia Rd
Tucson
Sta 3171+39
Relocate Exst Sign Panel
to New Sign Structure
495
RIGHT LANE
EXIT ONLY
3175
Sta 3173+39
Install New
EXIT 95
Pascua Yaqui
Pueblo
EXIT ONLY
Sta 3177+12
Relocate Exst Sign Panel
to New Sign Structure
Remove Exst
MILE 60
Sta 3178+75
Exst to Remain
3180
Sta 3178+75
Exst to Remain
THRU TRAFFIC MERGE LEFT
Sta 3179+00
Install New
3185
EXIT 97
Sta 3179+85
Install New
Valencia Rd
Ramp C Cst ℄
Drexel Rd
Ramp A Cst ℄
N8°41'11"E
N5°32'31"W
I-19 SB
Drexel Rd Ramp C Cst ℄
N4°40'37"E
500
I-19 NB
N3°39'33"E
I-19 Cst ℄
Drexel Rd Ramp D Cst ℄
N3°20'55"W
Drexel Rd Ramp B Cst ℄
EXIT 97
Sta 3158+99
Install New
Drexel Rd
Sta 3169+12
Relocate Exst Sign Panel
to New Bridge Structure
Sta 3169+12
Relocate Exst Sign Panels
to New Bridge Structure
Ajo Way
3 km
EXIT 99
Irvington Rd
1 km
EXIT 98
505
Drexel Rd Cst ℄
Sta 3178+44
Relocate Exst Sign Panel
to New Posts & Foundations
Remove Exst
Sta 3178+75
Exst to Remain
MILE 60
Sta 3178+75
Exst to Remain
Sta 3179+00
Remove Left Panel,
Posts & Foundations
Right Exst to Remain
SPEED REDUCED AHEAD
Sta 3182+04
Relocate Exst Sign Panel
to New Posts & Foundations
Remove Exst
Sta 3183+38
Install New

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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TRAFFIC DESIGN SERVICES

PAVEMENT MARKING & SIGNING PLANS
STA 3158+00 TO 3186+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

LOCATION
I-19 SAN XAVIER ROAD TO I-10

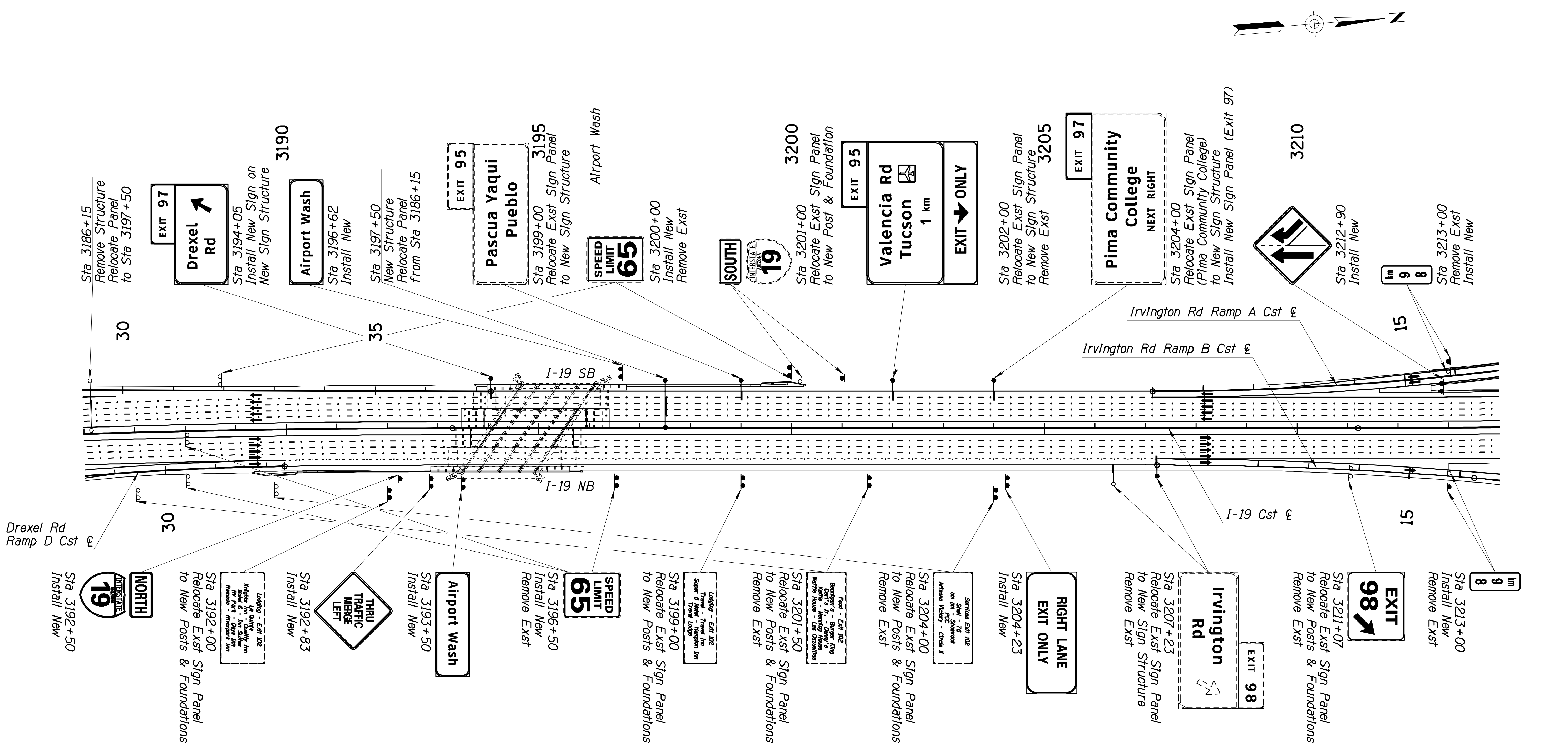
SHEET T-1.08 OF T-1.16

TRACS NO. H 5105 01 L | 019-PM-057 | 185 OF 193

1/16/2012 t:\6310 i-19 stage ii\prod\tra\t5105108.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	186	193	

019-PM-057



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
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TRAFFIC DESIGN SERVICES

PAVEMENT MARKING & SIGNING PLANS
STA 3186+00 TO 3214+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

LOCATION
I-19 SAN XAVIER ROAD TO I-10

SHEET T-1.09 OF T-1.16

TRACS NO. H 5105 01 L | 019-PM-057 | 186 OF 193

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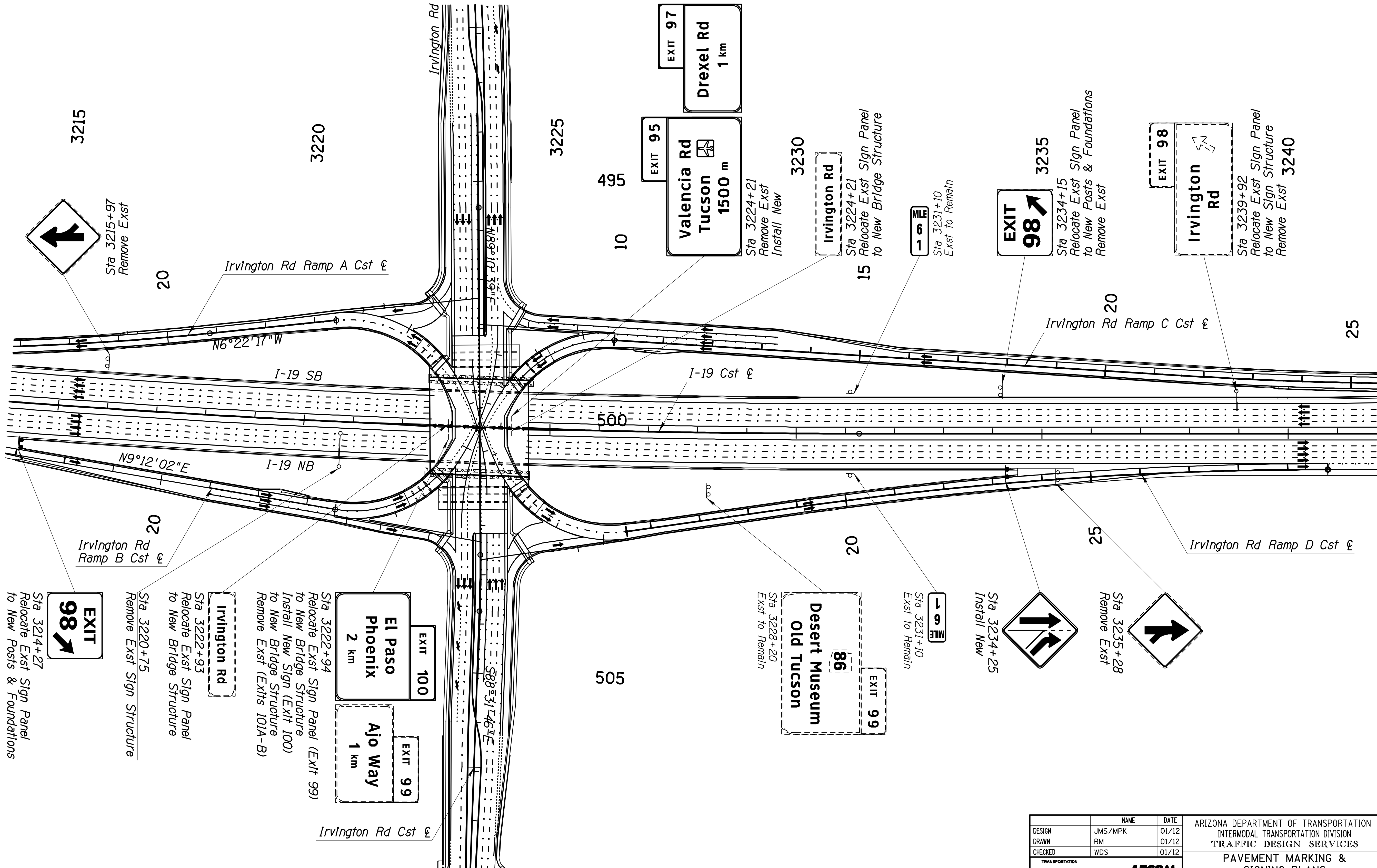
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	187	193	

019-PM-057



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
TRAFFIC DESIGN SERVICES

PAVEMENT MARKING &
SIGNING PLANS
STA 3214+00 TO 3242+00

PRELIMINARY
DCR
Review
NOT FOR
CONSTRUCTION
OR RECORDING

LOCATION
I-19 SAN XAVIER ROAD TO I-10

SHEET T-1.10 OF T-1.16

TRACS NO. H 5105 01 L 019-PM-057

1/16/2012 t:\6310 i-19 stage ii\prod\tra\t5105110.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	188	193	
		019-PM-057			

N

3245 3250 3255 3260 3265 3270

SPEED LIMIT 65 — Sta 3247+50 Install New Remove Exst

EXIT 98 Pima Community College NEXT RIGHT — Sta 3247+84 Relocate Exst Sign Panel (Pima Community College) to New Sign Structure Remove Exst

SOUTH INTERSTATE 19 — Sta 3249+00 Relocate Exst Sign Panel to New Post & Foundation Remove Exst

Sta 3263+83 Install New

Irvington Rd Ramp C Cst ℄

Proposed Pedestrian Bridge

I-19 Cst ℄

Ajo Way Ramp A Cst ℄

I-19 SB

I-19 NB

N3°35'51"E

Ajo Way Ramp B Cst ℄

30 35 40 45 50 25 10 15 20 15 20

INTERSTATE 19 NORTH — Sta 3244+00 Install New

THRU TRAFFIC MERGE LEFT — Sta 3245+51 Install New

HOSPITAL EXIT 99 — Sta 3248+00 Relocate Exst Sign Panel to New Posts & Foundations Remove Exst

SPEED LIMIT 65 — Sta 3249+00 Install New Remove Exst

RIGHT LANE EXIT ONLY — Sta 3254+01 Install New

10 WEST Phoenix — Sta 3257+01 Relocate Exst Sign Panels to New Sign Structure Install New Sign Panel (Exit 100) Remove Exst (Exit 101)

29th St - 22nd St Silverlake Rd Starr Pass Blvd 1¼ MILES — EXIT 102

10 EAST El Paso ½ MILE — EXIT 100

Ajo Way — EXIT 99

Sta 3261+86 Remove Exst Structure Relocate Sign Panels to Sta 3257+01

EXIT 99 — Sta 3264+50 Relocate Exst Sign Panel to New Posts & Foundations Remove Exst

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
TRAFFIC DESIGN SERVICES

PAVEMENT MARKING & SIGNING PLANS
STA 3242+00 TO 3270+00

LOCATION
I-19 SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET T-1.11 OF T-1.16

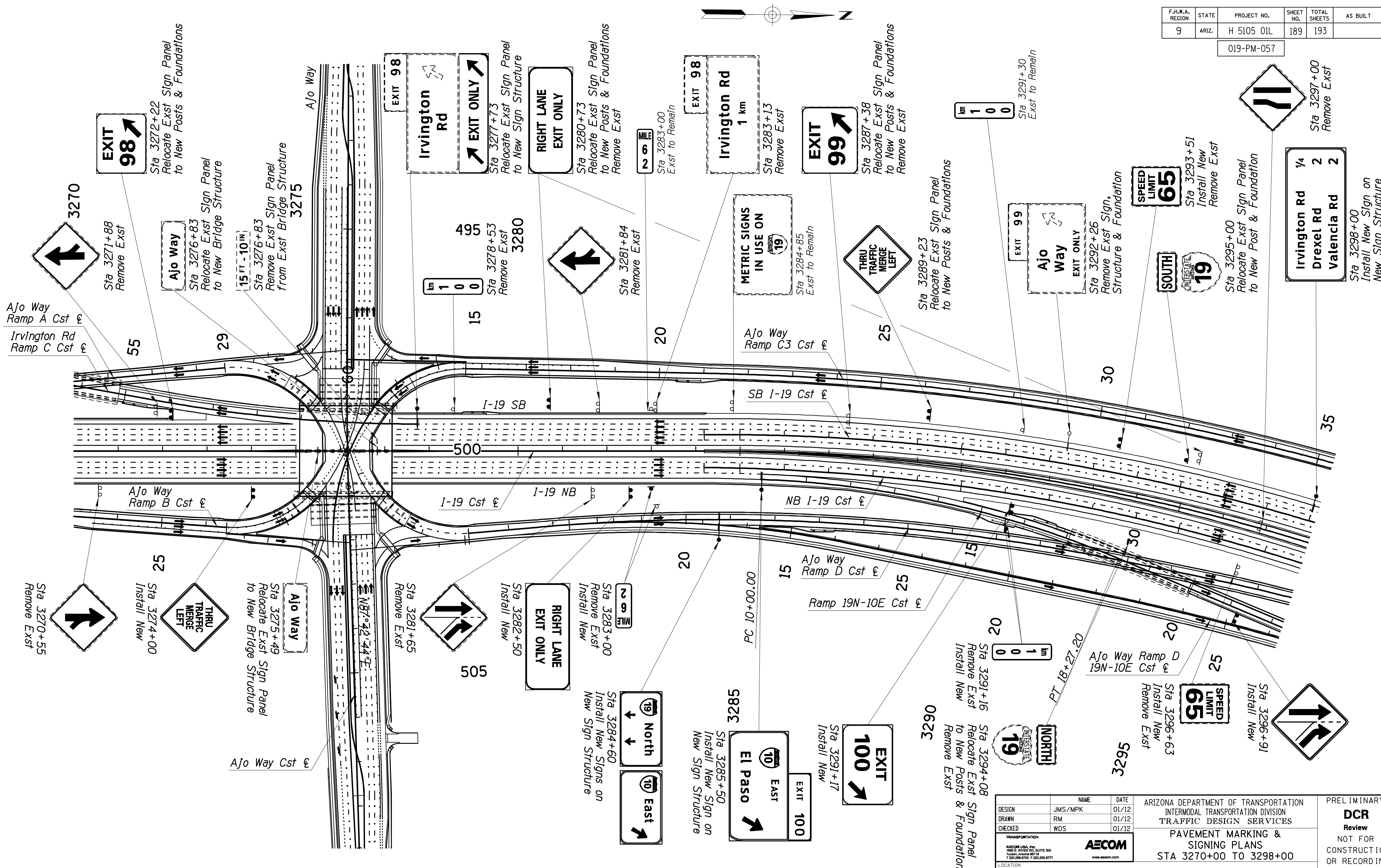
188 OF 193

NO.1 DESCRIPTION OF REVISION | MADE BY | DATE
NO.2 DESCRIPTION OF REVISION | MADE BY | DATE

1/16/2012 t:\6310 i-19 stage 11\prod\tra\t5105111.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	189	193	

019-PM-057



	NAME	DATE	
DESIGN	JMS/MPK	01/12	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC DESIGN SERVICES
DRAWN	RM	01/12	PAVEMENT MARKING & SIGNING PLANS
CHECKED	WDS	01/12	STA 3270+00 TO 3298+00
TRANSPORTATION AECOM USA, Inc.	AECOM	www.aecom.com	
LOCATION I-19	SAN XAVIER ROAD TO I-10		
TRACS NO. H 5105 01 L		019-PM-057	189 OF 193

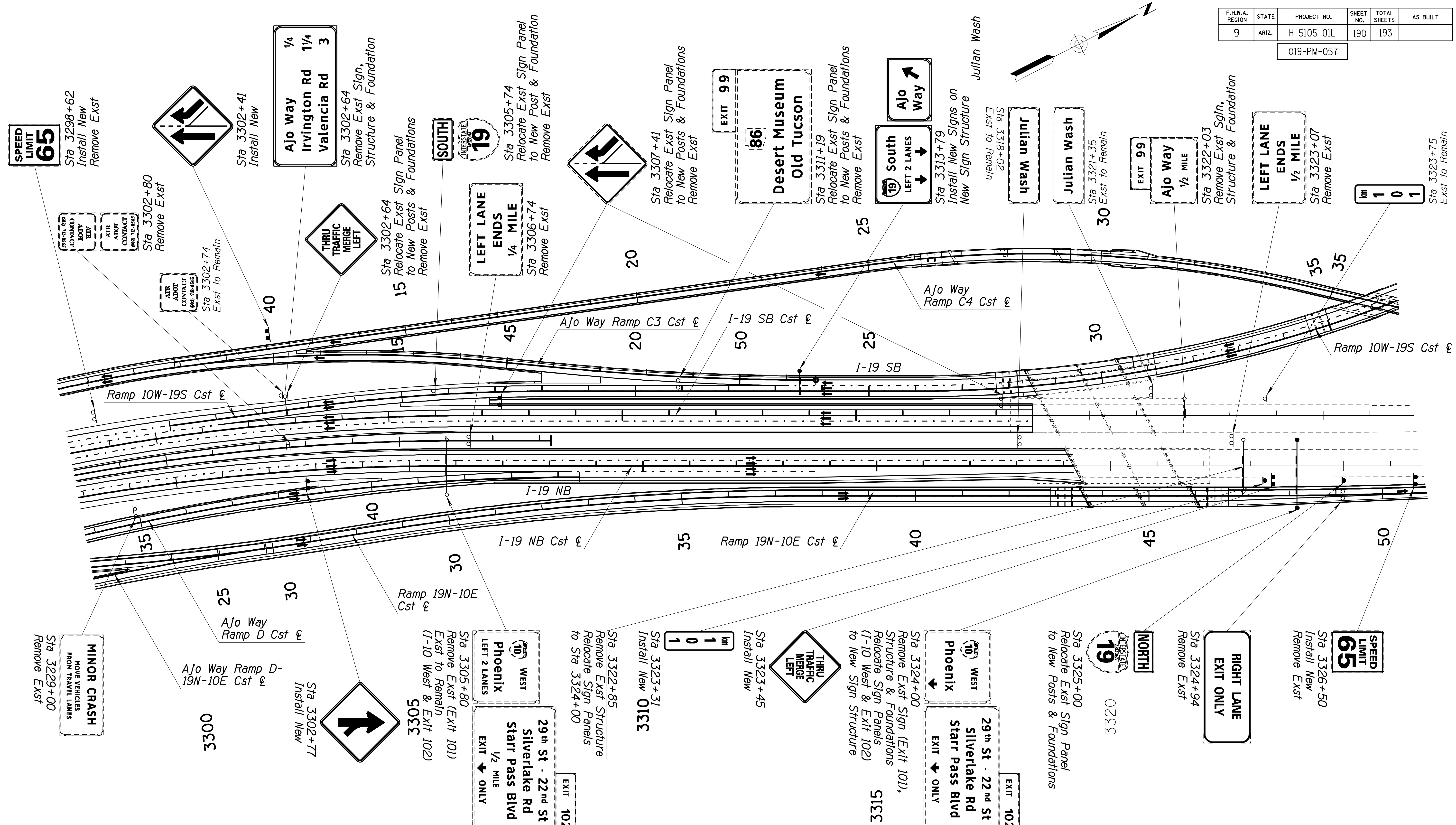
PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET T-1.12 OF T-1.16

1/16/2012 t:\6310 i-19 stage ii\prod\tra\t5105112.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	190	193	

019-PM-057



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
TRAFFIC DESIGN SERVICES

PAVEMENT MARKING & SIGNING PLANS
STA 3298+00 to 3327+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

LOCATION
I-19 — SAN XAVIER ROAD TO I-10

SHEET T-1.13 OF T-1.16

TRACS NO. H 5105 01 L — 019-PM-057 — 190 OF 193

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	191	193	

019-PM-057

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.2			
NO.1			

MATCH LINE STA 3327+00
SEE SHEET 80

I-19 SB

I-19 NB

Ajo Way
Ramp C4 Cst ℄

I-19 SB Cst ℄

I-19 NB Cst ℄

Ramp EBFR-10E-19S Cst ℄

Ramp 19N-10E Cst ℄

PRC 52+26.34

EXIT 98
Irvington Rd
1 MILE
Sta 3330+00
Install New Sign on
New Sign Structure

Sta 3307+41
Install New

SOUTH
INTERSTATE
19

Sta 3334+10
Exst to Remain

EXIT
99

Sta 3334+75
Relocate Exst Sign Panel
to New Posts & Foundations

MILE
3

Sta 3336+00
Remove Exst
Install New

EXIT 99
Ajo
Way

Sta 3340+48
Install New Sign on
New Sign Structure

EXIT 99
Ajo Way
1¼ MILE
Sta 3348+00
Remove Exst

EXIT 99
86
Desert Museum
Old Tucson
Sta 3347+00
Relocate Exst Sign Panel
to New Posts & Foundations

SPEED LIMIT
55
Sta 3347+50
Relocate Exst Sign Panel
to New Posts & Foundations

EXIT 101
10 EAST
El Paso
EXIT ONLY
Sta 3328+31
Remove Exst

Sta 3330+73
Remove Exst

EXIT
101

Sta 3331+95
Exst to Remain

RIGHT LANE
EXIT ONLY

Sta 3334+70
Exst to Remain

10 WEST
Phoenix

EXIT 102
29th St - 22nd St
Silverlake Rd
Starr Pass Blvd
EXIT ONLY

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
TRAFFIC DESIGN SERVICES

PAVEMENT MARKING &
SIGNING PLANS
STA 3327+00 to 3350+33

PRELIMINARY
DCR
Review
NOT FOR
CONSTRUCTION
OR RECORDING

LOCATION
I-19 SAN XAVIER ROAD TO I-10

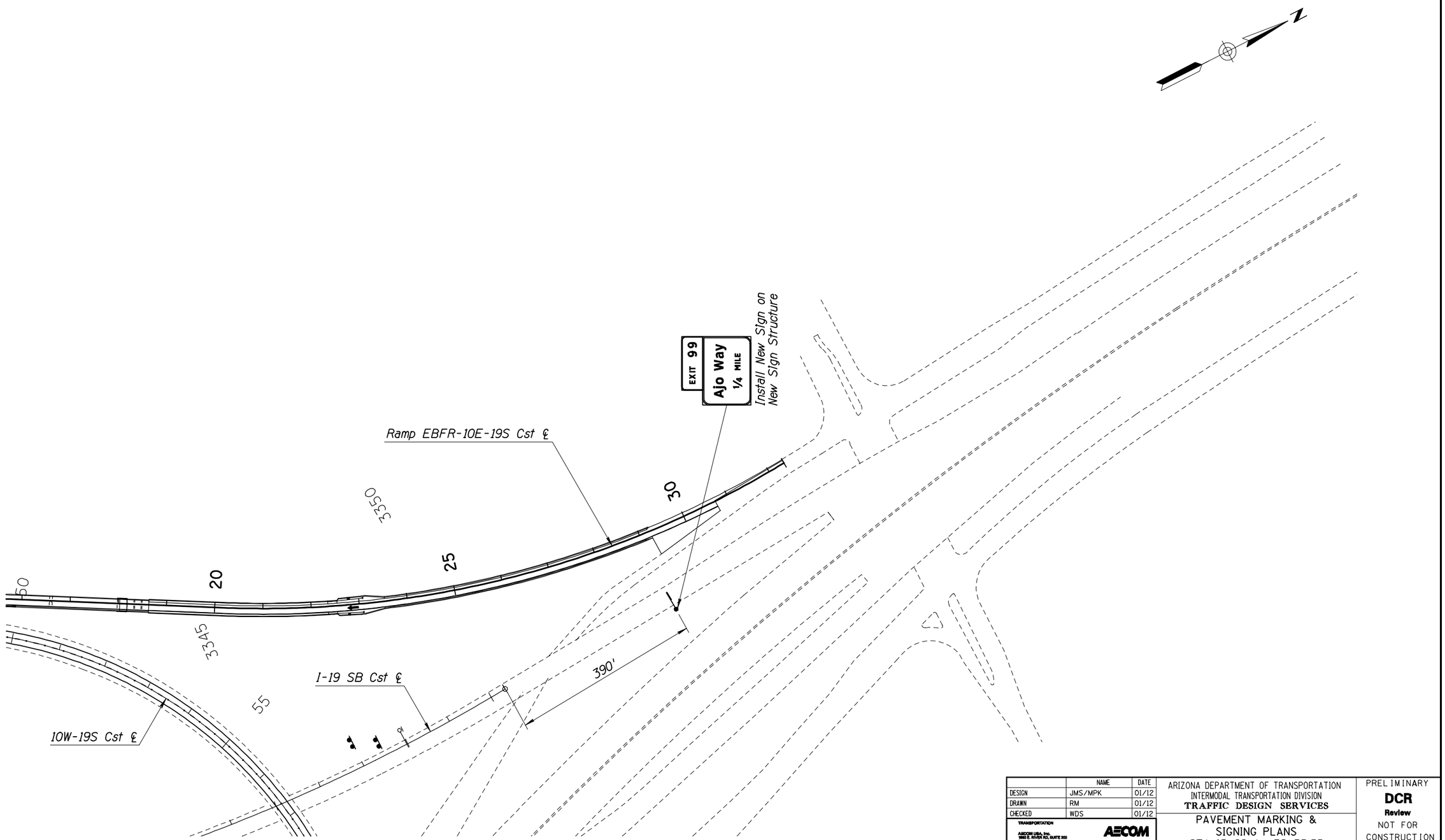
SHEET T-1.14 OF T-1.16

TRACS NO. H 5105 01 L | 019-PM-057 | 191 OF 193

1/16/2012 t:\6310 i-19 stage 11\prod\tra\t5105114.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	192	193	
		019-PM-057			

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.2			
NO.1			



	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
TRAFFIC DESIGN SERVICES

PAVEMENT MARKING & SIGNING PLANS
STA 15+68 to 32+35.55

LOCATION
I-19 SAN XAVIER ROAD TO I-10

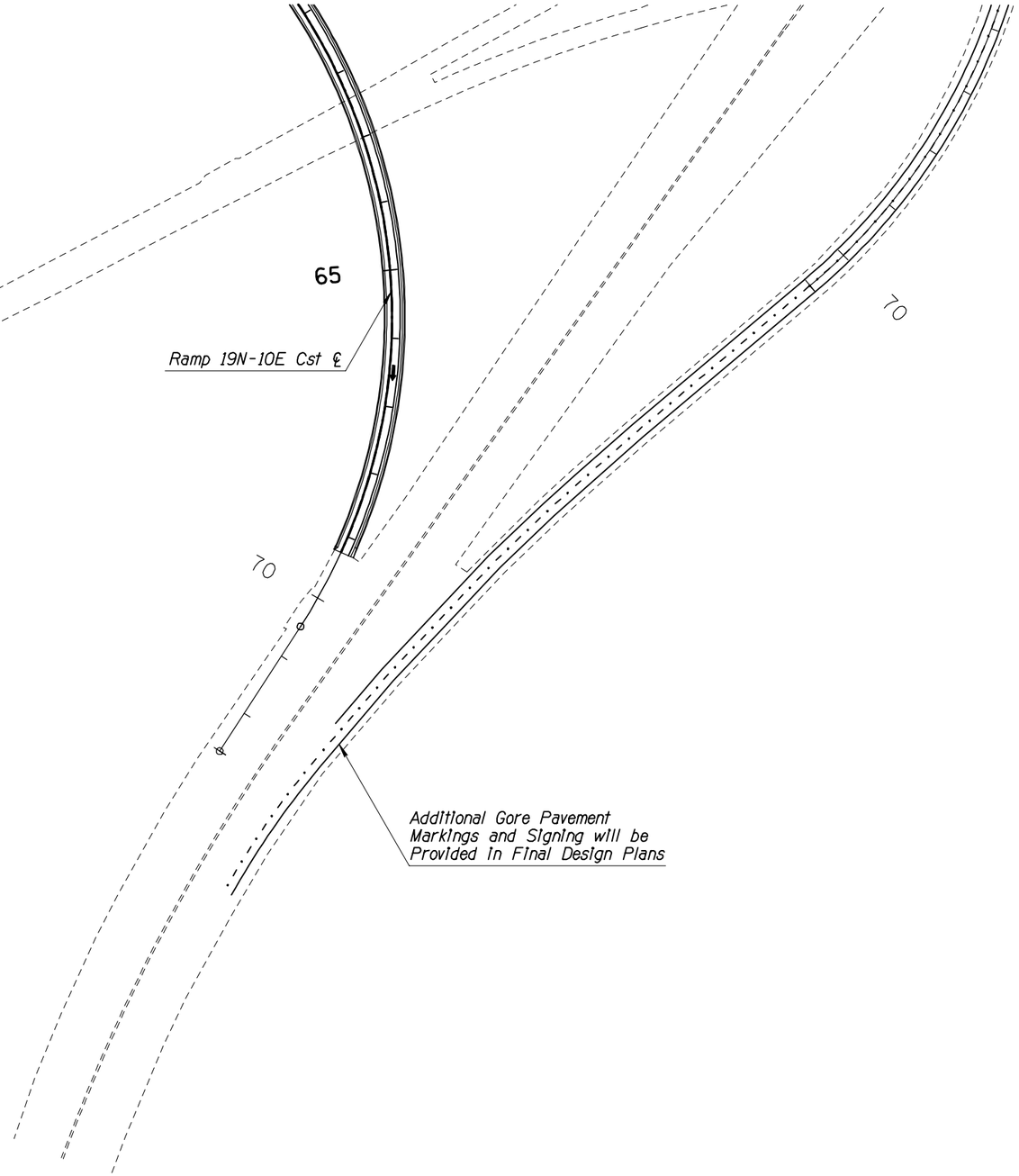
PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET T-1.15 OF T-1.16

TRACS NO. H 5105 01 L | 019-PM-057 | *192 OF 193*

1/16/2012 t:\6310 i-19 stage ii\prod\tra\t5105115.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	H 5105 01L	193	193	
		019-PM-057			



NO.	DESCRIPTION OF REVISION	MADE BY	DATE
NO.2			
NO.1			

	NAME	DATE
DESIGN	JMS/MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
TRAFFIC DESIGN SERVICES

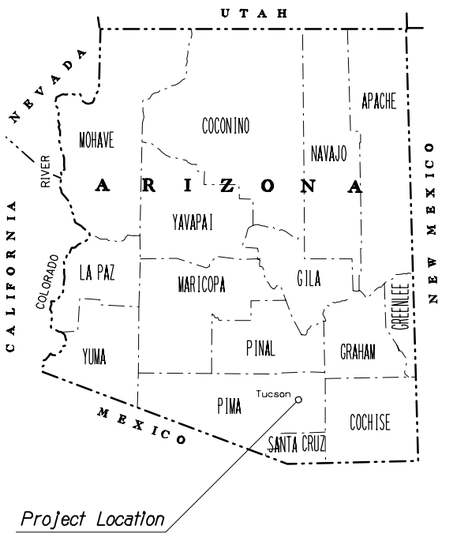
PAVEMENT MARKING &
SIGNING PLANS
STA 64+37+00 to 72+65.82

LOCATION
I-19 SAN XAVIER ROAD TO I-10

PRELIMINARY
DCR
Review
NOT FOR
CONSTRUCTION
OR RECORDING

SHEET T-1.16 OF T-1.16

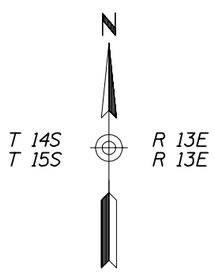
TRACS NO. H 5105 01 L | 019-PM-057 | 193 OF 193

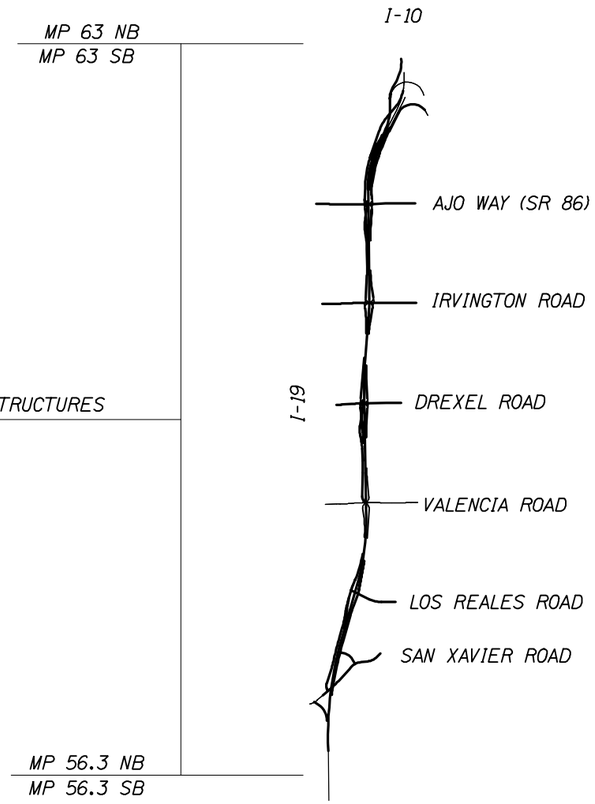


STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

ROADWAY PLANS

STATE HIGHWAY
NOGALES - TUCSON HIGHWAY





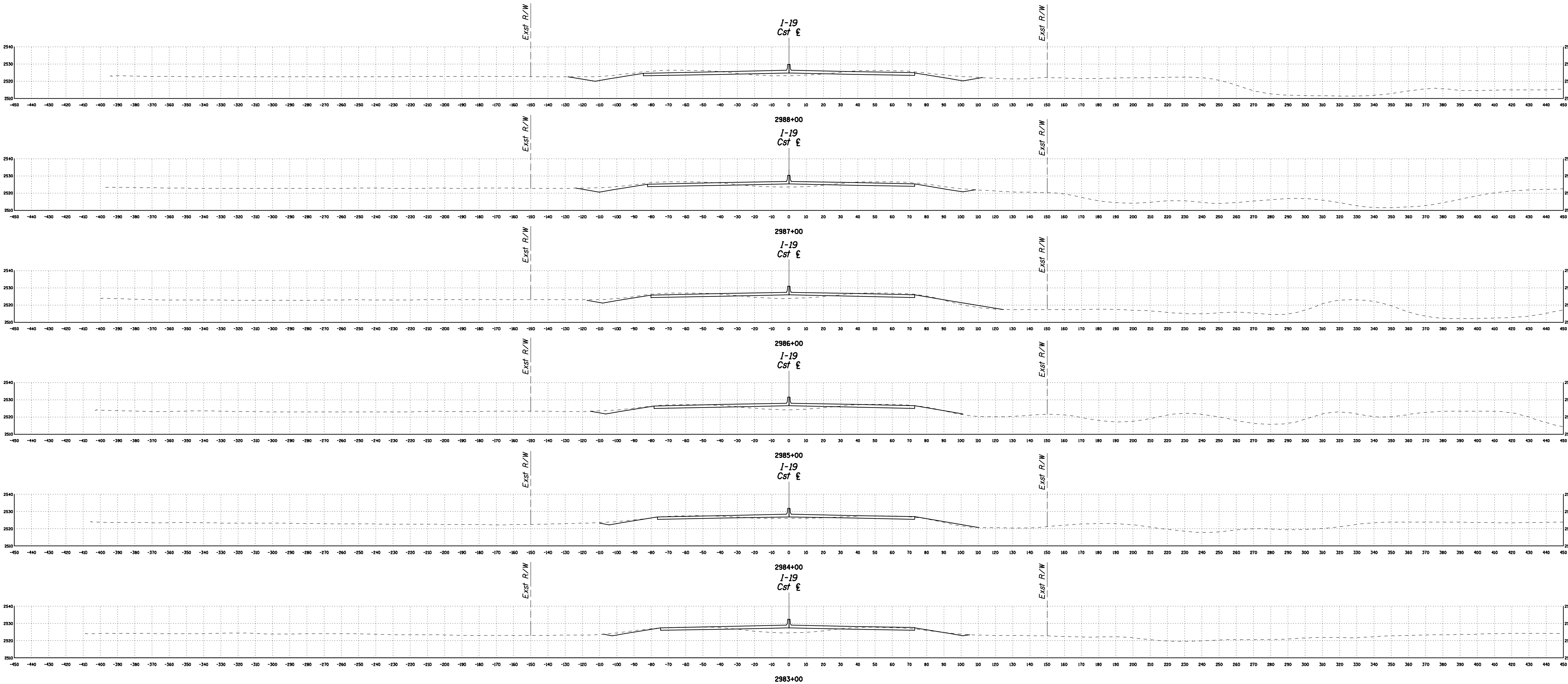
I-19 SAN XAVIER ROAD TO I-10
PROJECT NO. 019 PM 057 H5105 01 L

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
FLOYD ROEHRICH, P.E., STATE ENGINEER

AS BUILT DATA	AS BUILT DATE	OF

DESIGN FILE: t:\6310 i-19 stage ii\prod\xsect\h5105XS-001.dgn PLOT DATE: 1/16/2012 6a 24a

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	2	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 2983+00 TO STA 2988+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION	
I-19	SAN XAVIER ROAD TO I-10	SHEET 2 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | ____ OF 63

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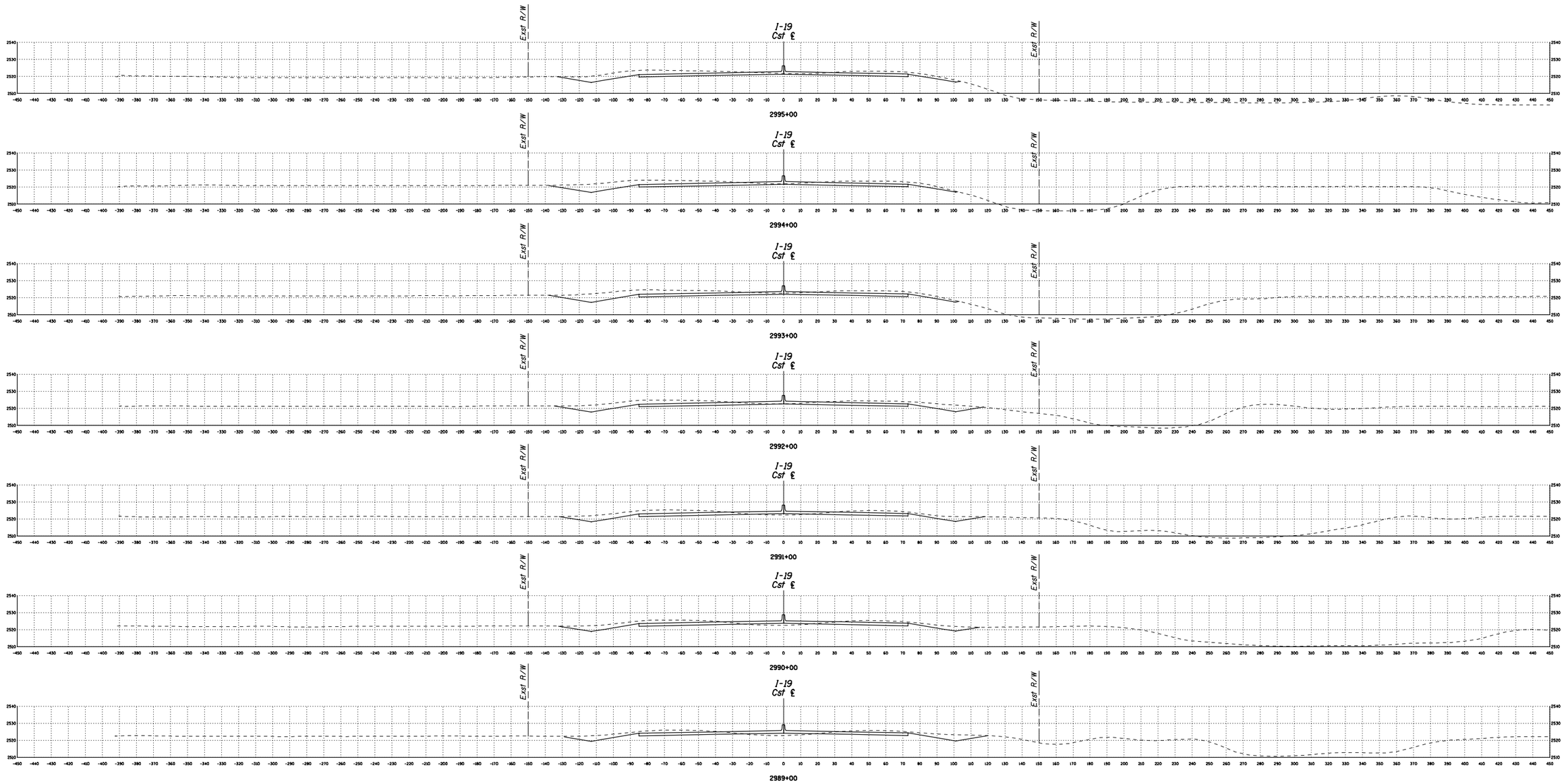
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	3	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 2989+00 TO STA 2995+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

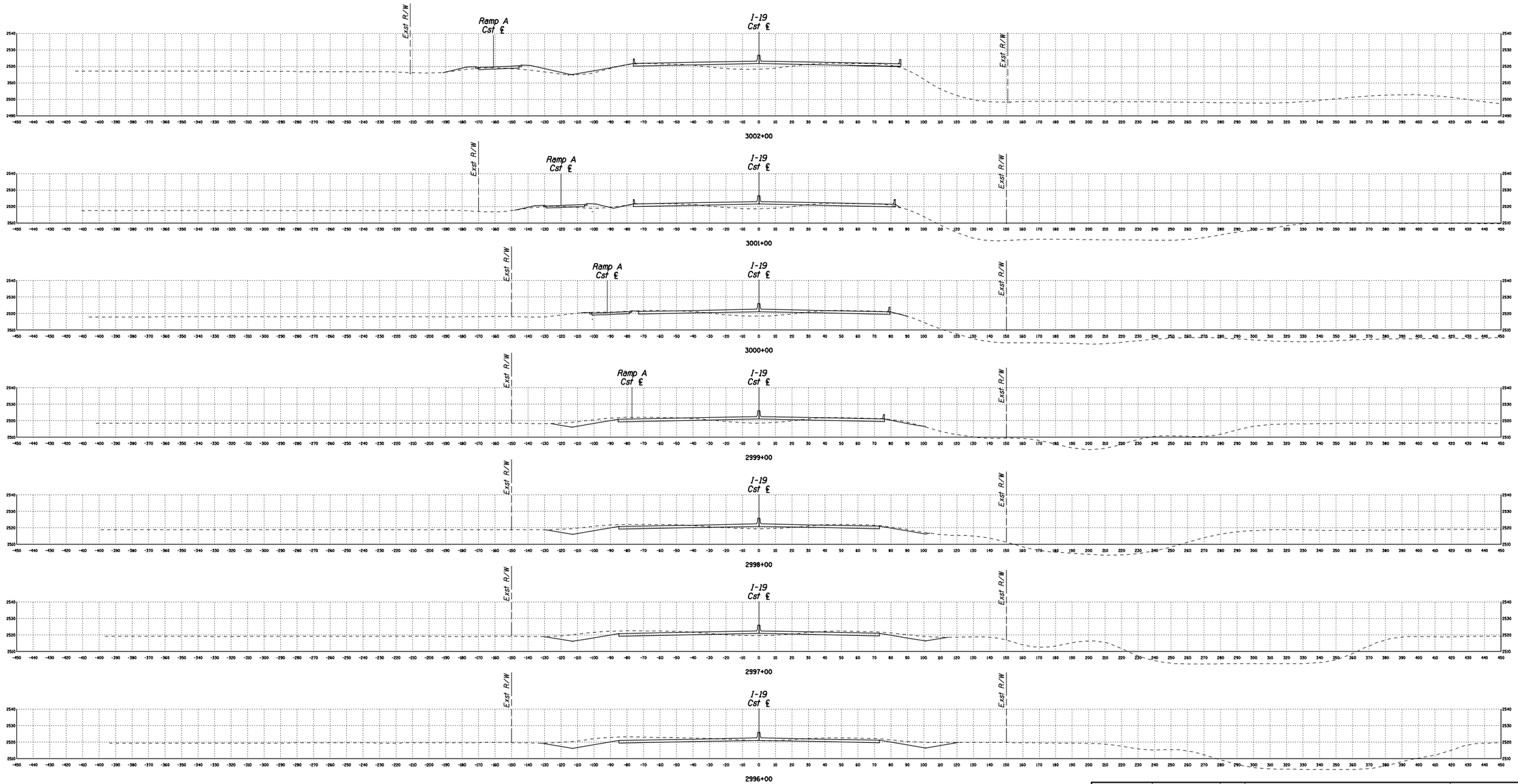
SHEET 3 OF 63

___ OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-003.dgn DATE: 1/16/2012 TIME: 10:10:19 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	4	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 2996+00 TO STA 3002+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

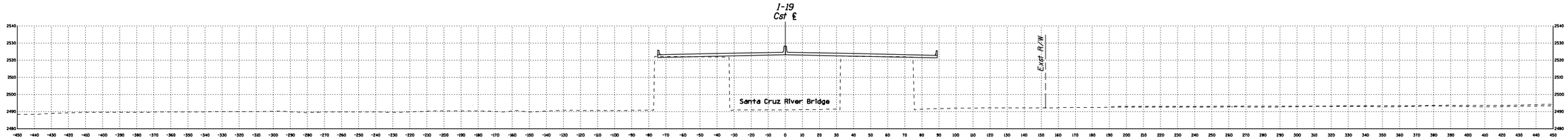
SHEET 4 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | *OF 63*

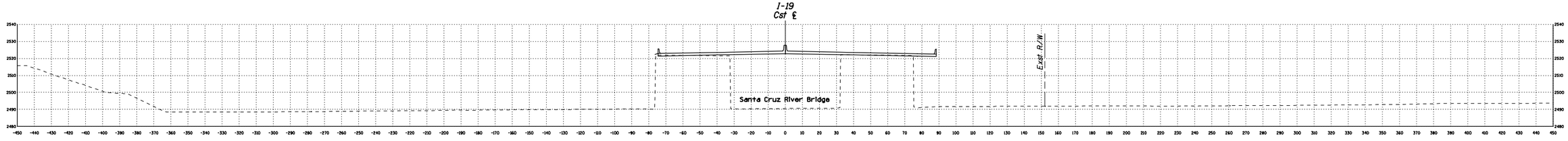
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE- | SURVEY NO. | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-004.dgn DATE: 1/16/2012 TIME: 10:10:21 PM PRINTED BY: OrsinG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	5	63	



3007+00



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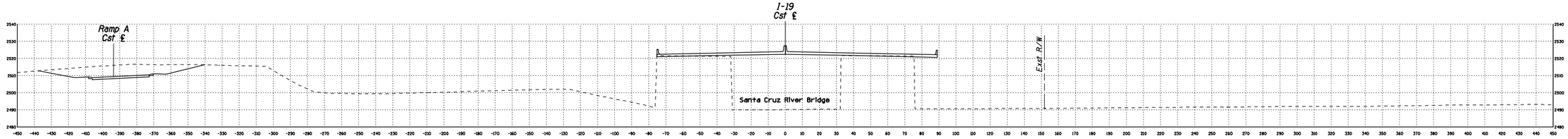
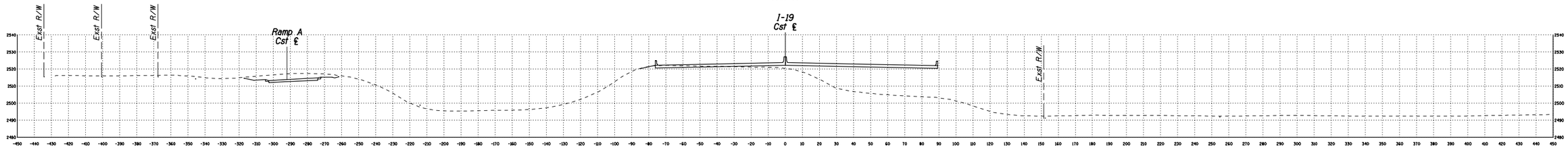
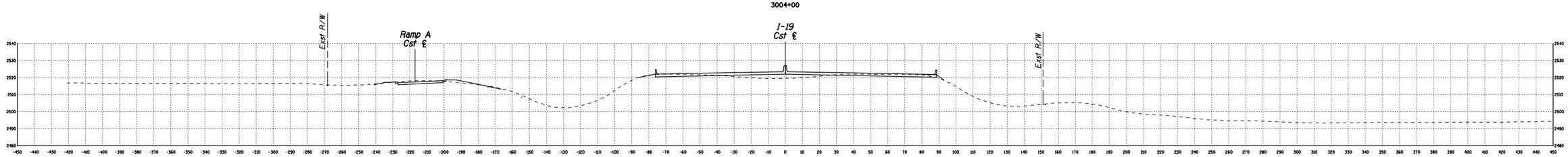


3005+00



3004+00



3003+00

	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
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PRELIMINARY
DCR
Review
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ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

SHEET 5 OF 63

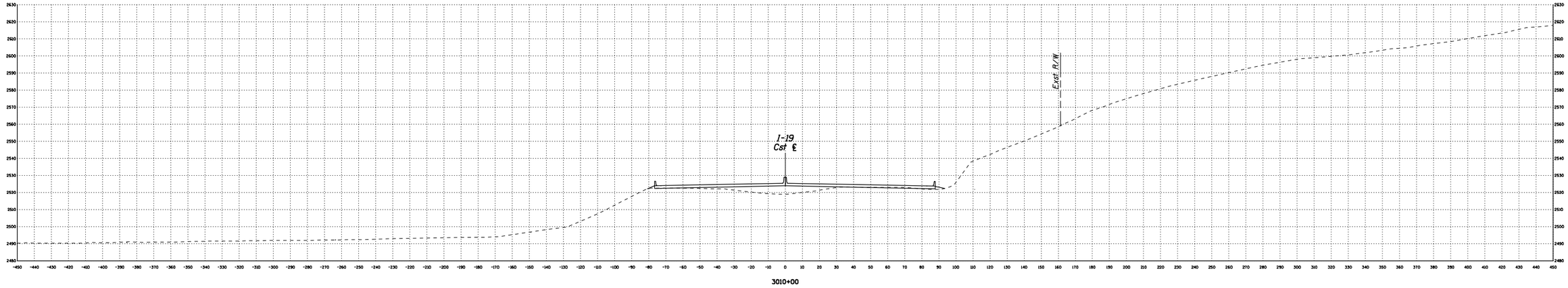
TRACS NO.		
H 5105 01 L		019-PM-057

OF 63

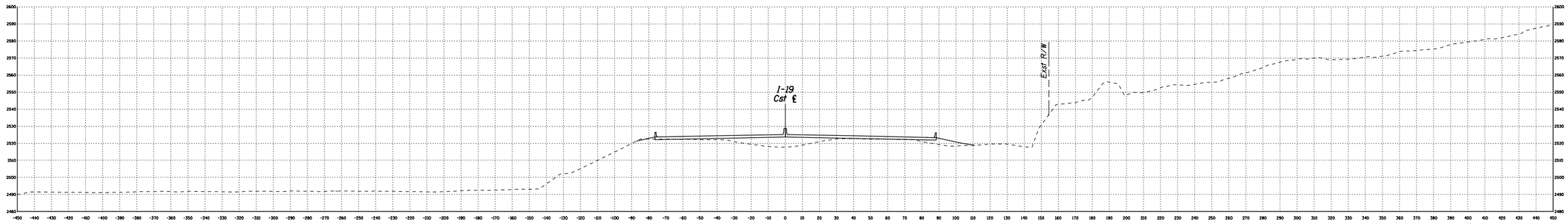
FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-005.dgn DATE: 1/16/2012 TIME: 10:10:22 PM PRINTED BY: OrsiniG

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

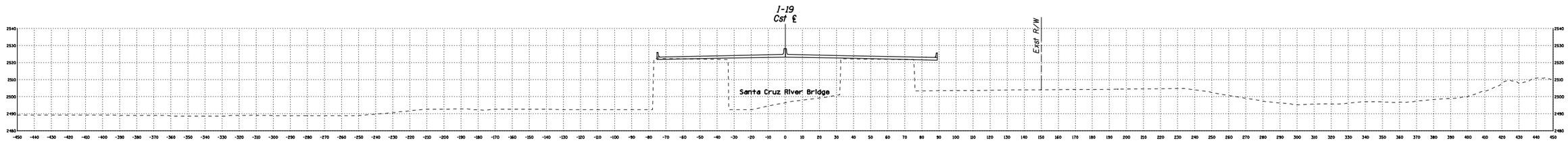
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	6	63	



3010+00



3009+00



3008+00

	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3008+00 TO STA 3010+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

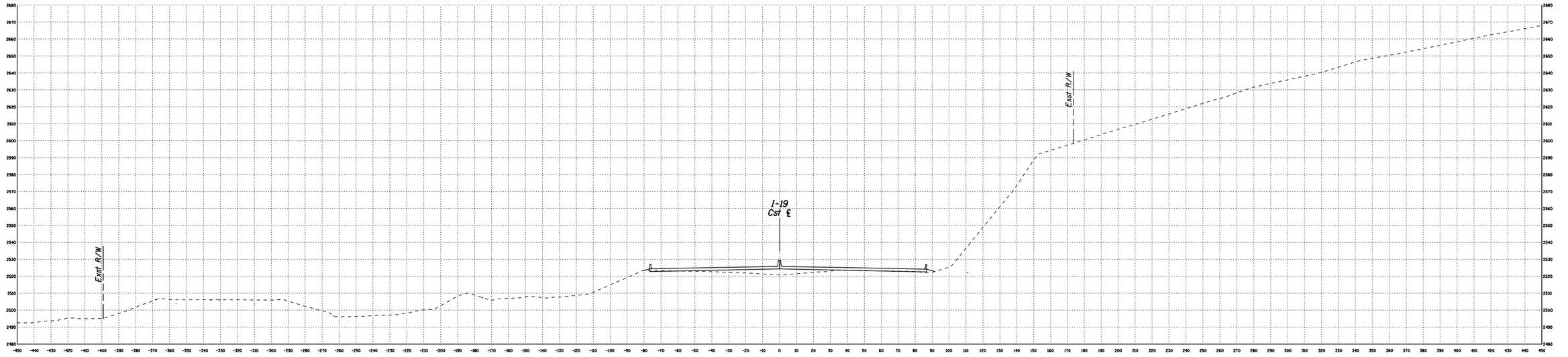
SHEET 6 OF 63

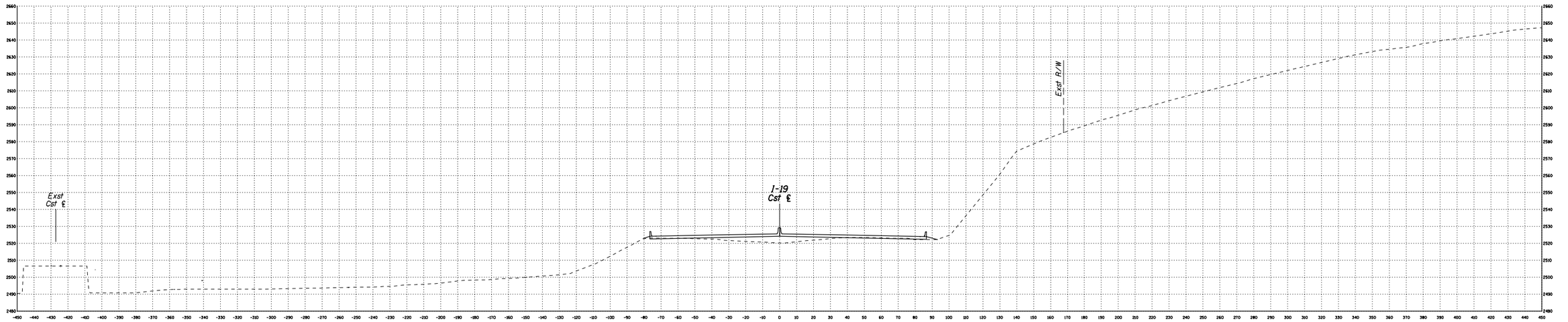
OF 63

SURVEY NO. | DATE | LOCATION | REVISIONS | FINISHED PLANS | SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-006.dgn DATE: 1/16/2012 TIME: 10:10:24 PM PRINTED BY: Orsinig

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	7	63	





	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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I-19
CROSS SECTIONS
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ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L

019-PM-057

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Review
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SHEET 7 OF 63

OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-007.dgn DATE: 1/16/2012 TIME: 10:10:25 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
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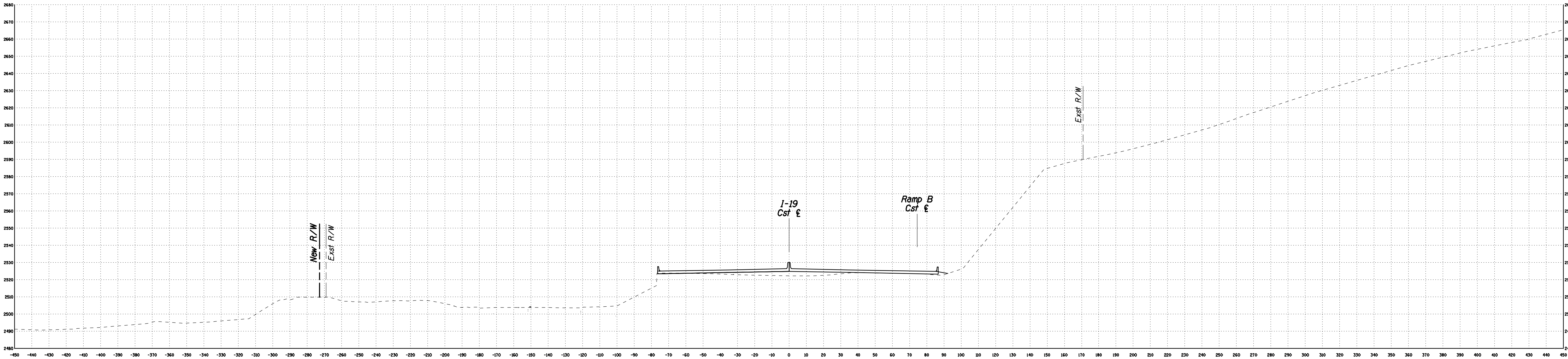
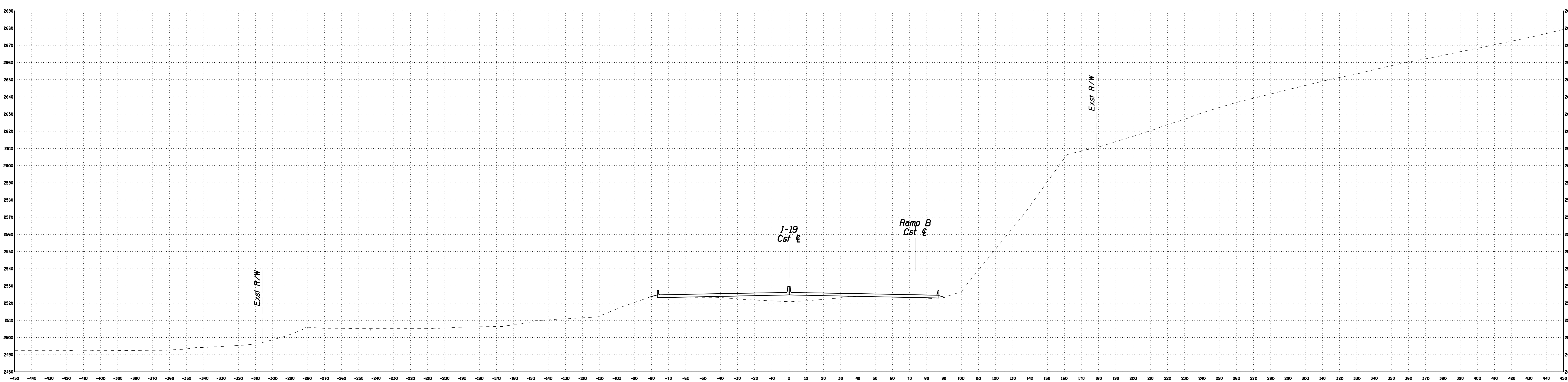


3014+00



3013+00

	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3013+00 TO STA 3014+00

PRELIMINARY
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Review
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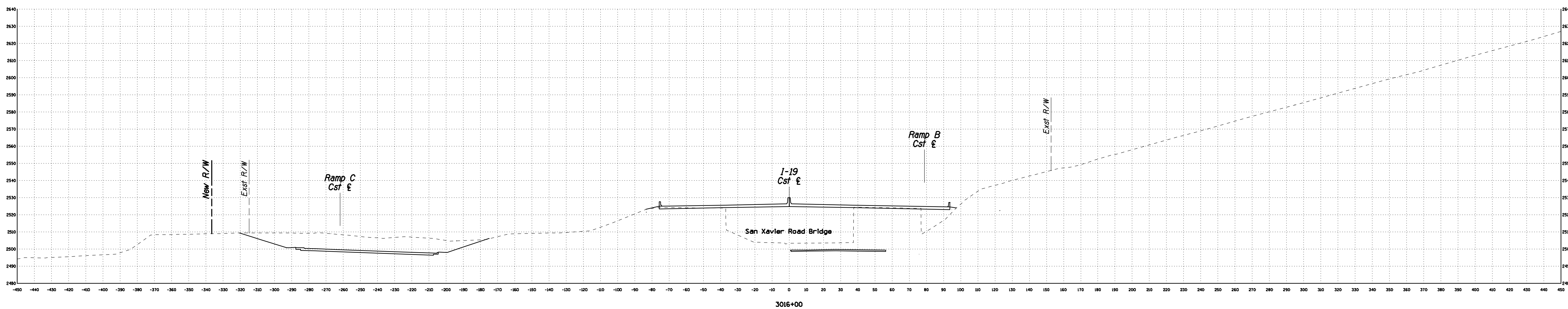
ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10
SHEET 8 OF 63

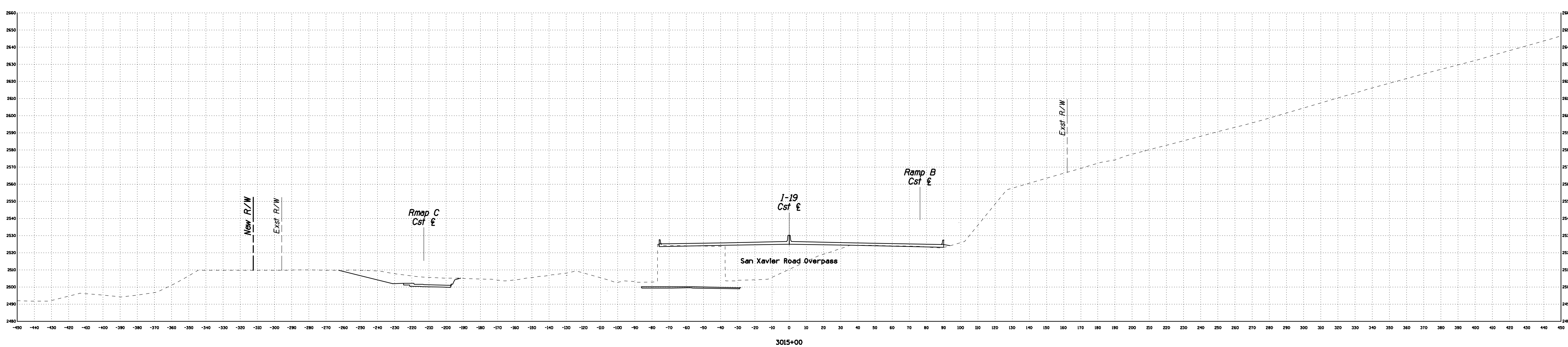
TRACS NO. H 5105 01 L | 019-PM-057 | OF 63

DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.
DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-008.dgn DATE: 1/16/2012 TIME: 10:10:26 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	9	63	





	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3015+00 TO STA 3016+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

PRELIMINARY
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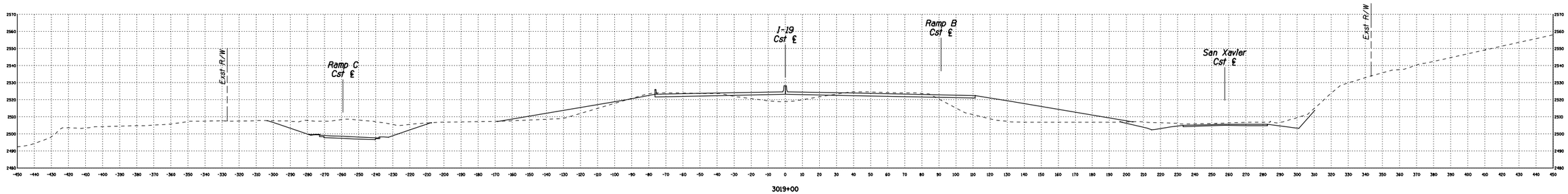
Review
NOT FOR CONSTRUCTION OR RECORDING

SHEET 9 OF 63

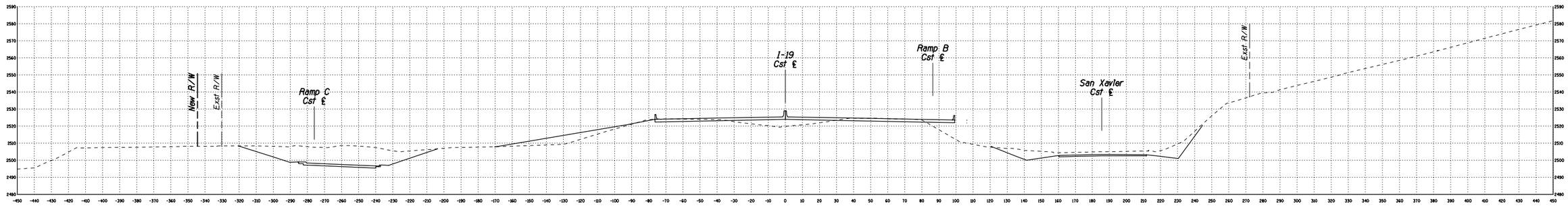
TRACS NO. H 5105 01 L | 019-PM-057 | OF 63

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-009.dgn DATE: 1/16/2012 TIME: 10:10:27 PM PRINTED BY: OrsiniG

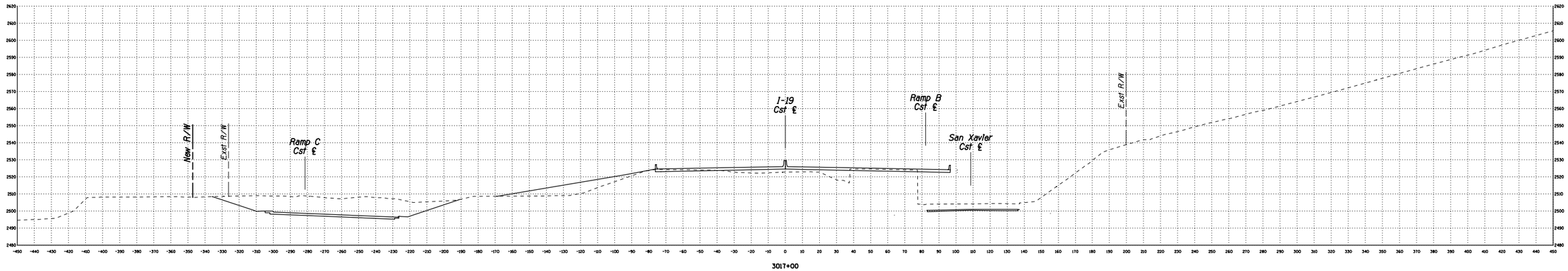
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	10	63	



3019+00



3018+00



3017+00

	NAME	DATE
DESIGN	MPK	01/12
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I-19
CROSS SECTIONS
STA 3017+00 TO STA 3019+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

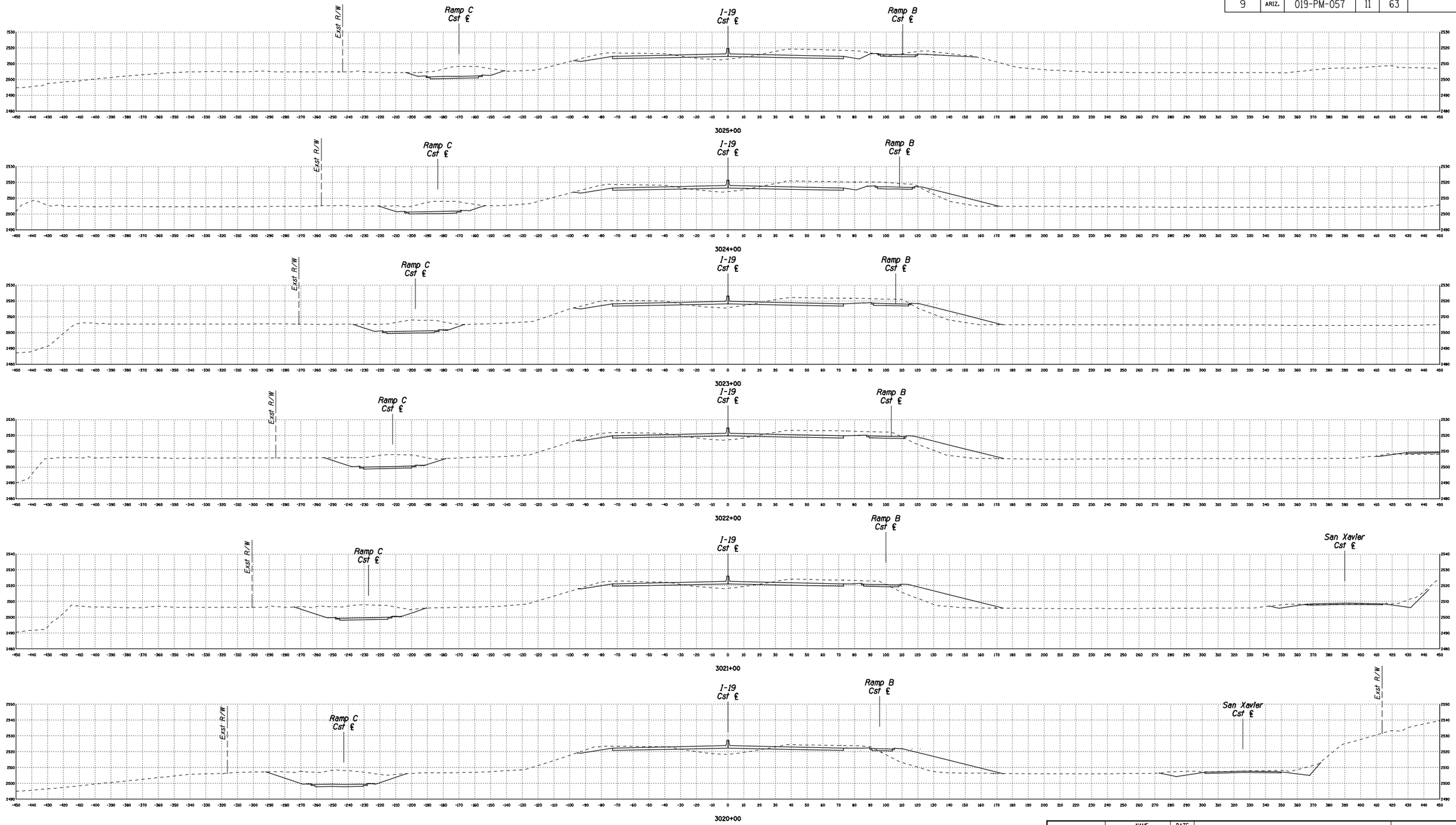
SHEET 10 OF 63

___ OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-010.dgn DATE: 1/16/2012 TIME: 10:10:29 PM PRINTED BY: OrsinG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	11	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3020+00 TO STA 3025+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

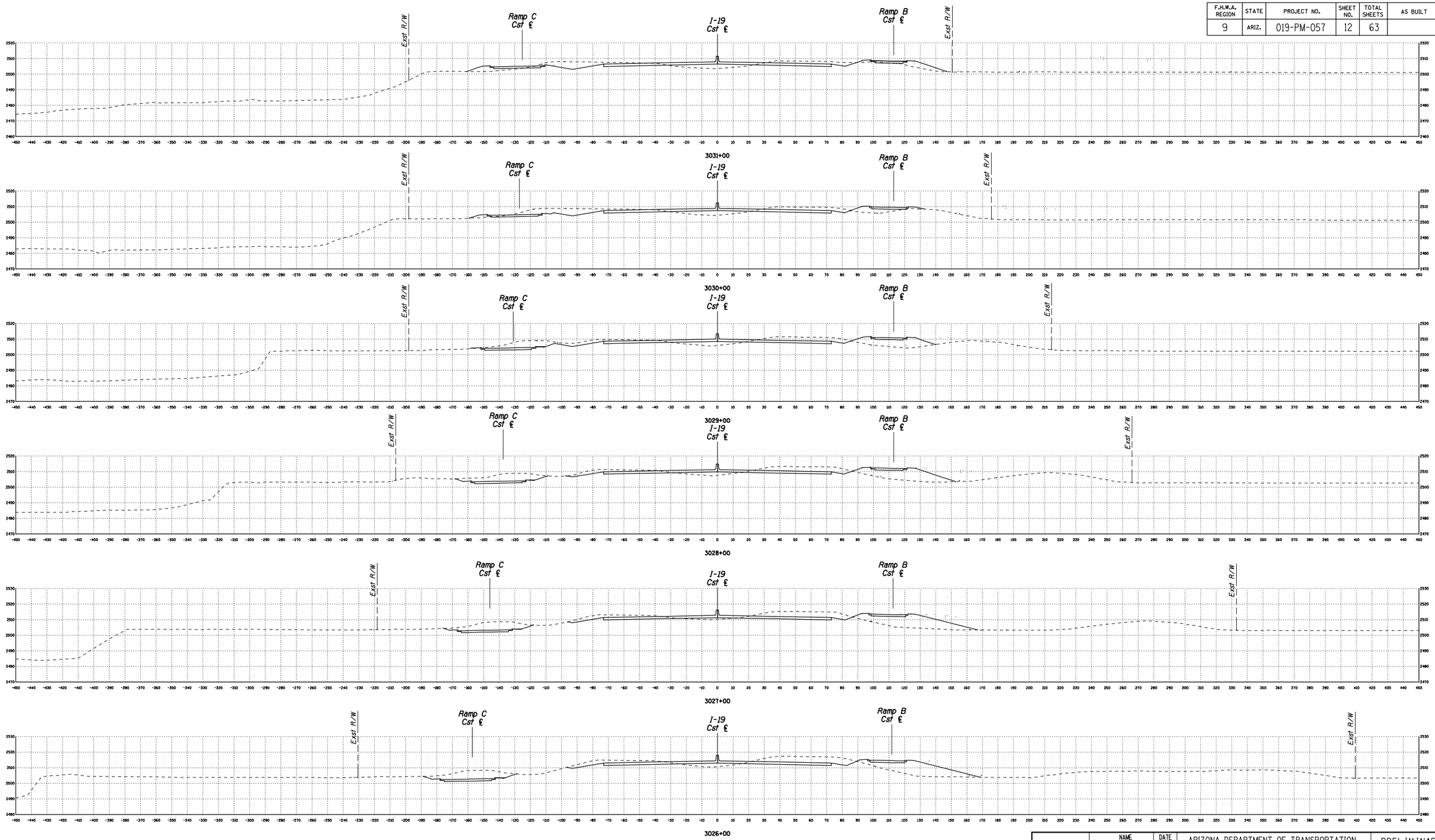
SHEET 11 OF 63

OF 63

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-011.dgn DATE: 1/16/2012 TIME: 10:10:30 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	12	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3026+00 TO STA 3031+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

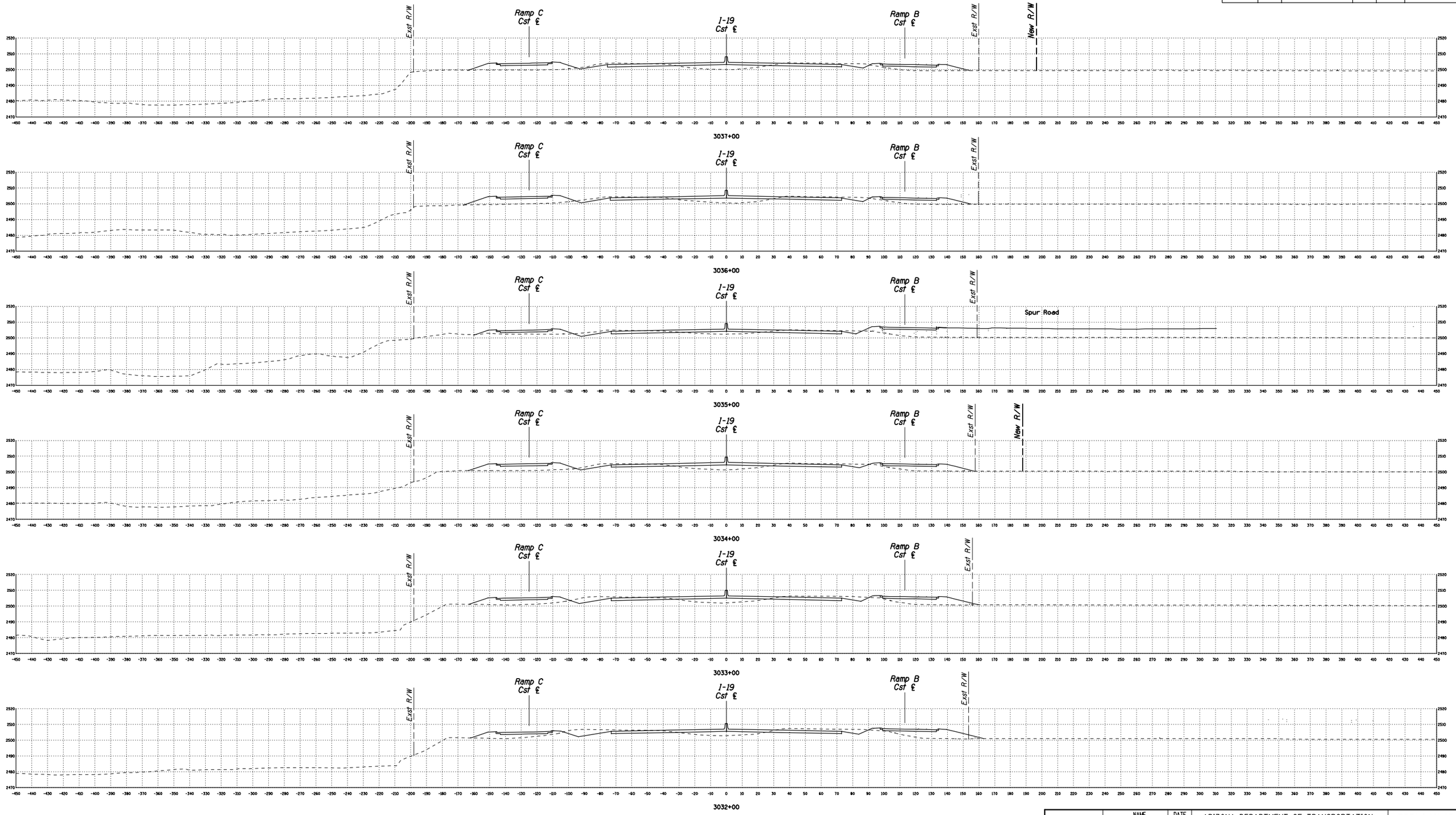
SHEET 12 OF 63

___ OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-012.dgn DATE: 1/16/2012 TIME: 10:10:31 PM PRINTED BY: OrsinG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	13	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3032+00 TO STA 3037+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
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Review
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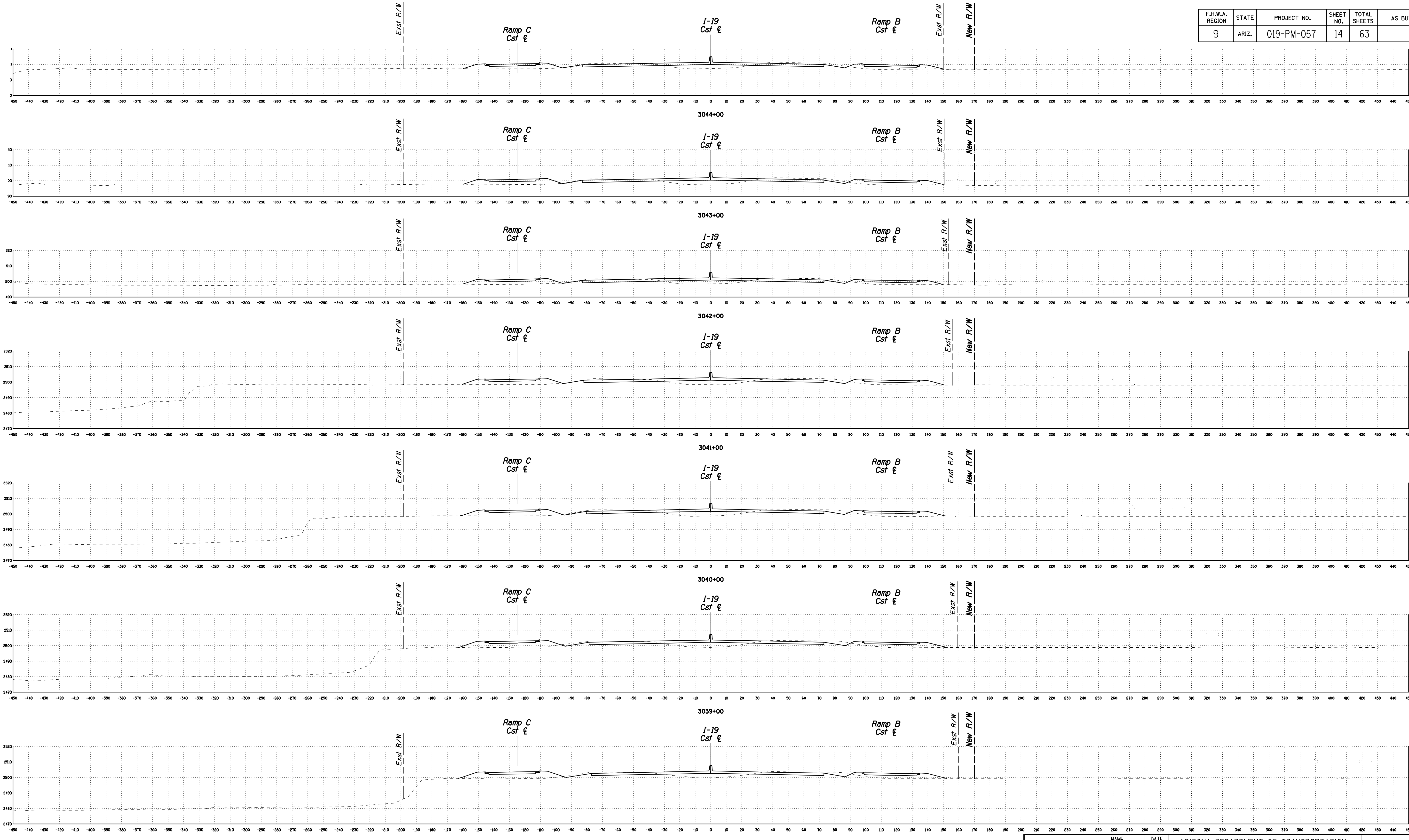
SHEET 13 OF 63

OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-013.dgn DATE: 1/16/2012 TIME: 10:10:33 PM PRINTED BY: OrsinG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	14	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
AECOM

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3038+00 TO STA 3044+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

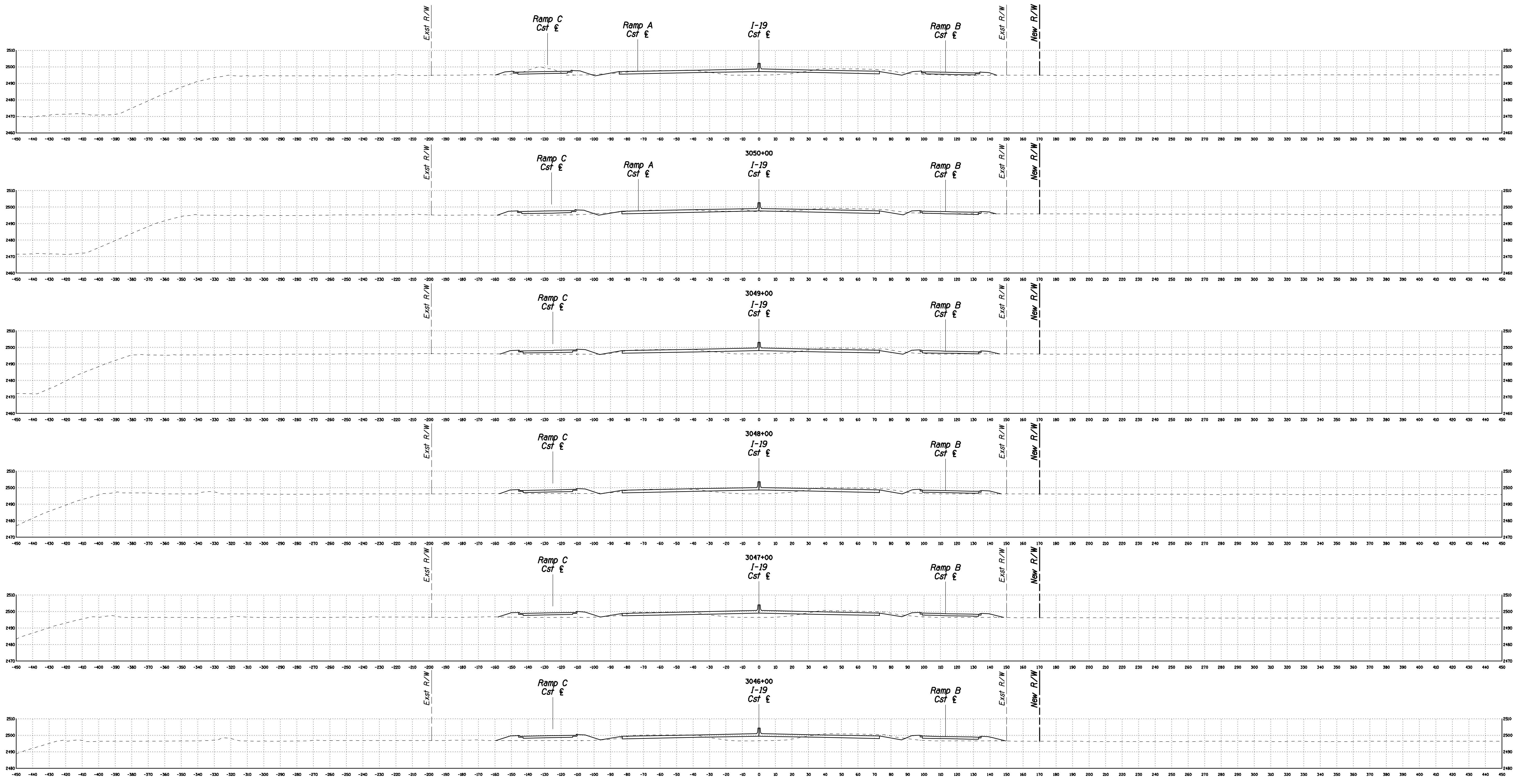
ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10
SHEET 14 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | OF 63

DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-014.dgn DATE: 1/16/2012 TIME: 10:10:35 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	15	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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AECOM

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3045+00 TO STA 3050+00

PRELIMINARY
DCR
Review
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CONSTRUCTION
OR RECORDING

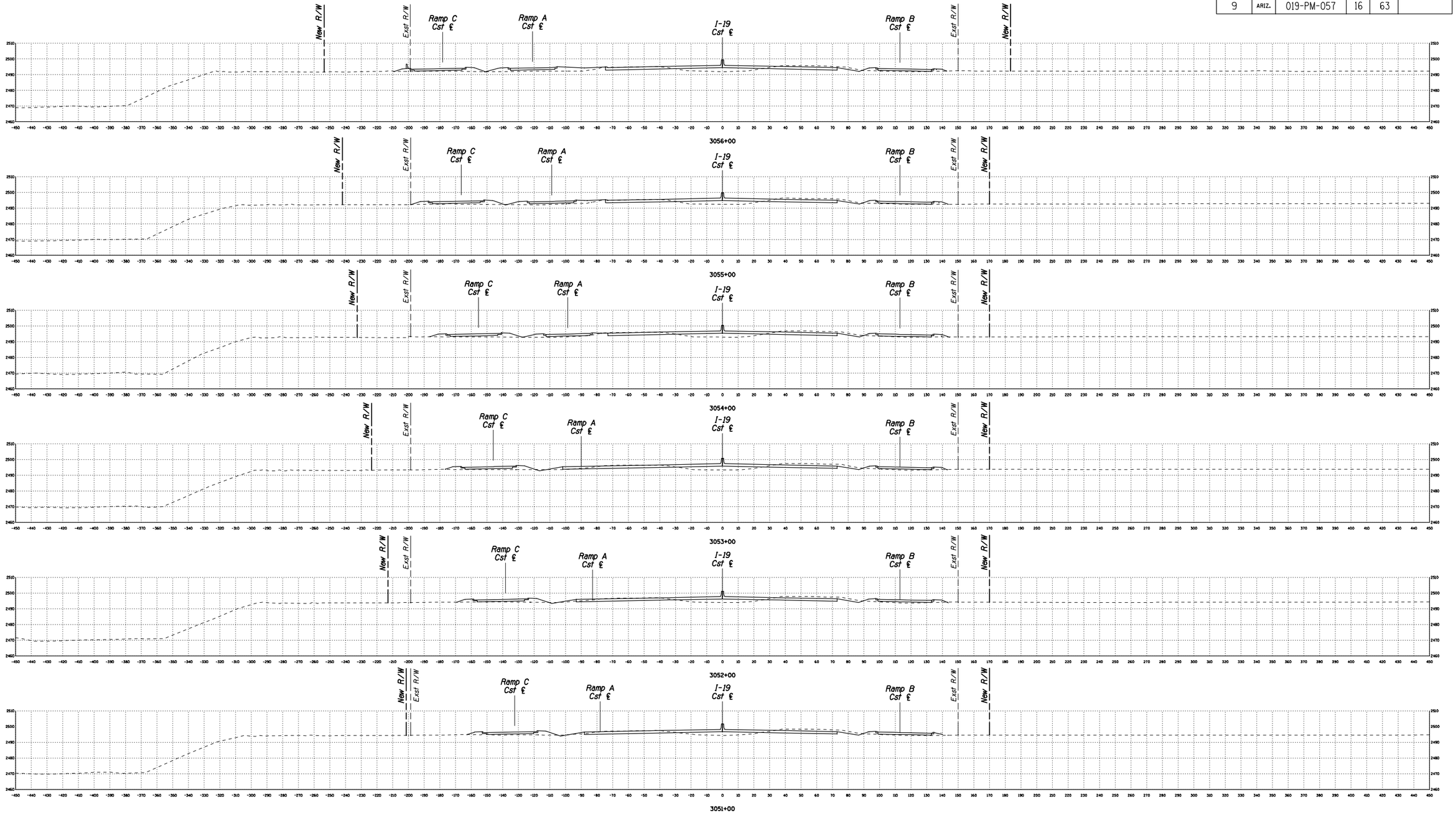
ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

SHEET 15 OF 63

TRACS NO. H 5105 01 L
019-PM-057
____ OF 63

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-015.dgn   DATE: 1/16/2012   TIME: 10:10:36 PM   PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	16	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3051+00 TO STA 3056+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L
019-PM-057

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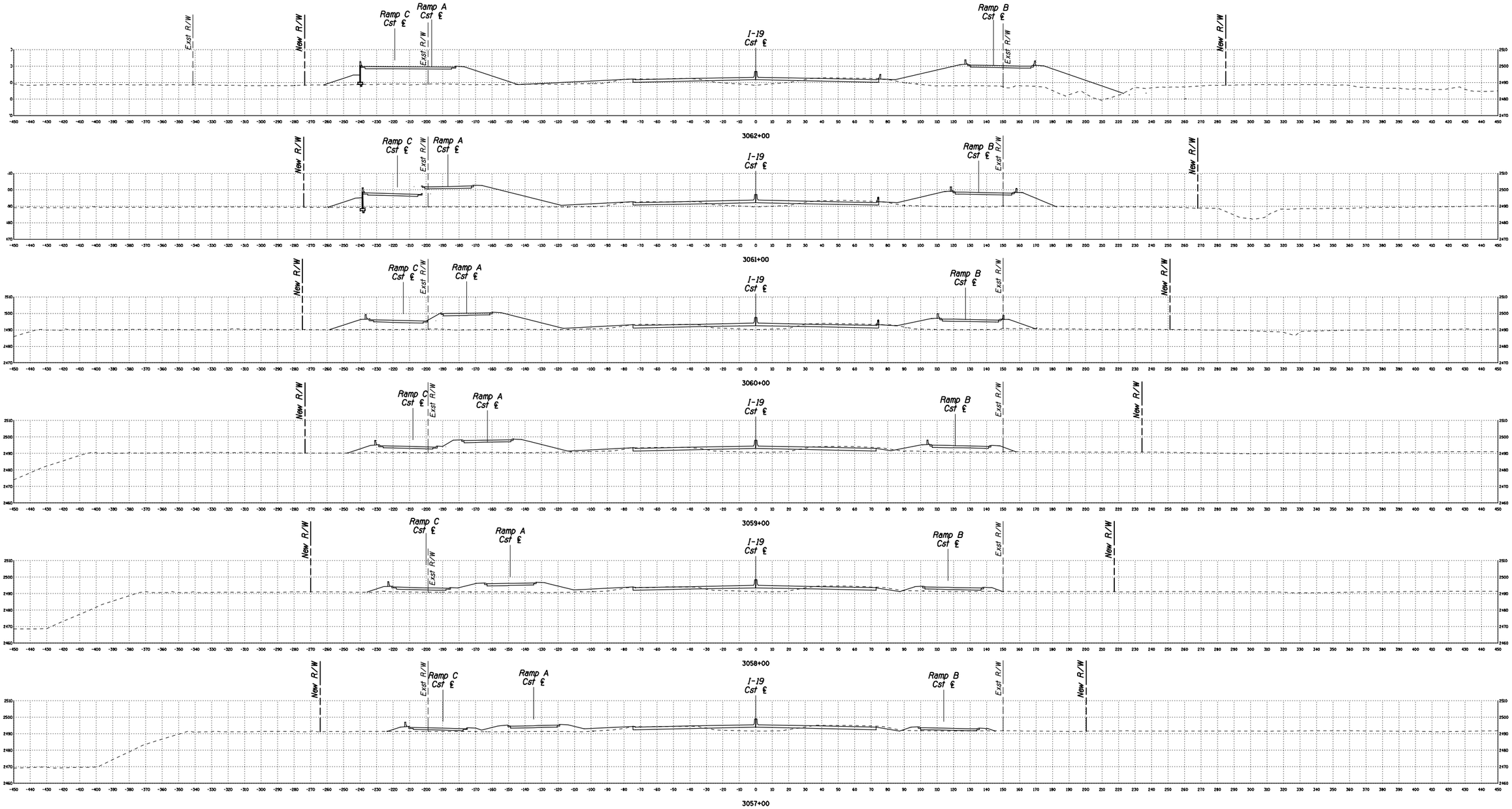
SHEET 16 OF 63

____ OF 63

DATE:
LOCATION:
REVISIONS:
FINISHED PLANS:
SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-016.dgn DATE: 1/16/2012 TIME: 10:10:38 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	17	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3057+00 TO STA 3062+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

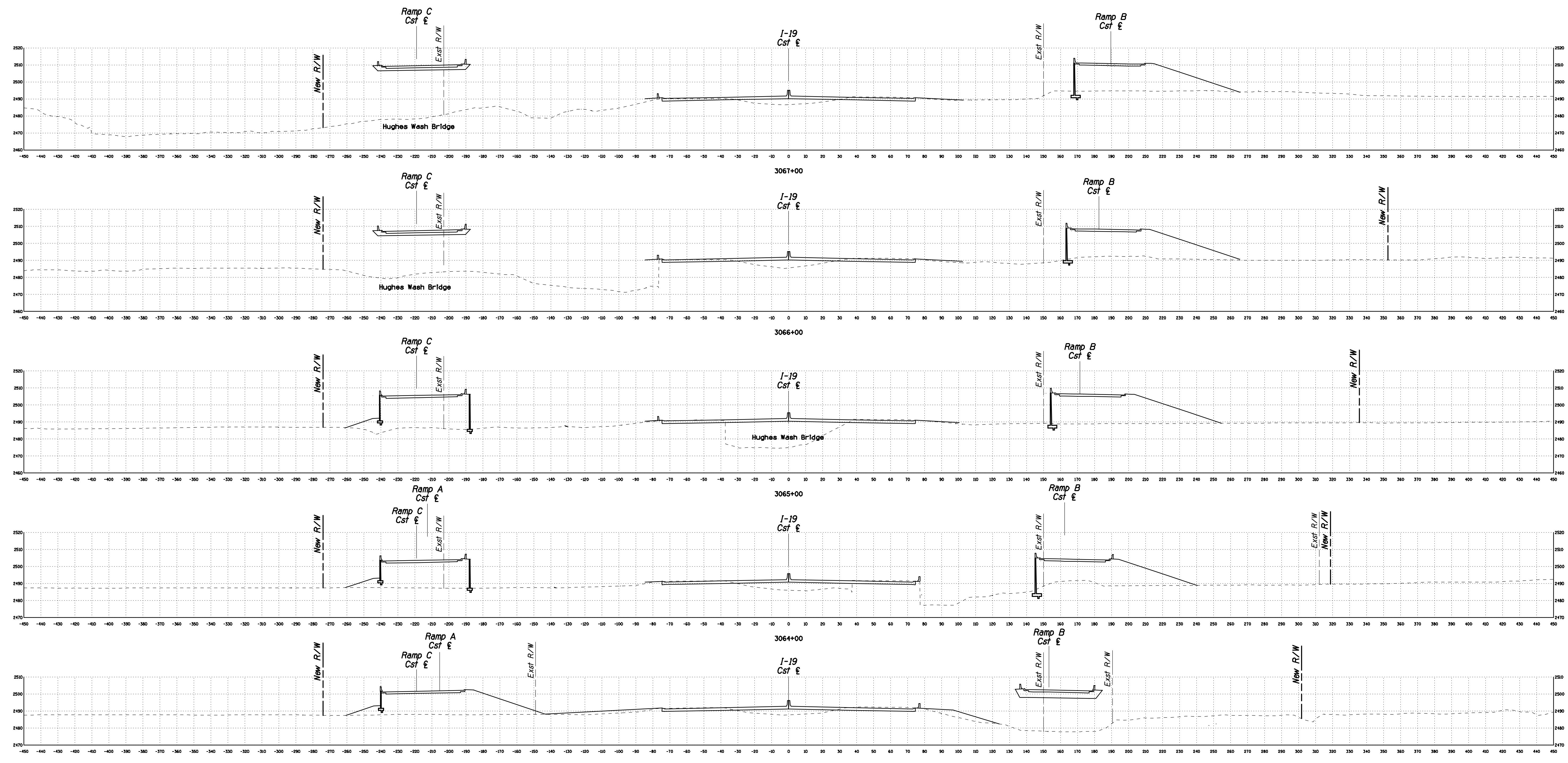
SHEET 17 OF 63

____ OF 63

DATE-
LOCATION-
REVISIONS-
FINISHED PLANS-
SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-017.dgn DATE: 1/16/2012 TIME: 10:10:39 PM PRINTED BY: OrsinG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	18	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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AECOM

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3063+00 TO STA 3067+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

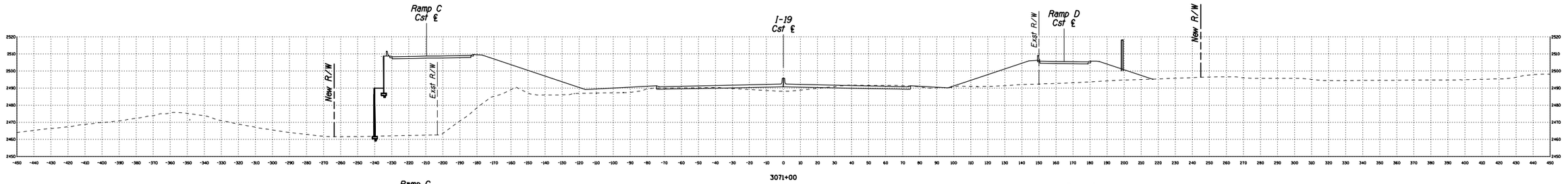
ROUTE: I-19 | LOCATION: SAN XAVIER ROAD TO I-10 | SHEET 18 OF 63

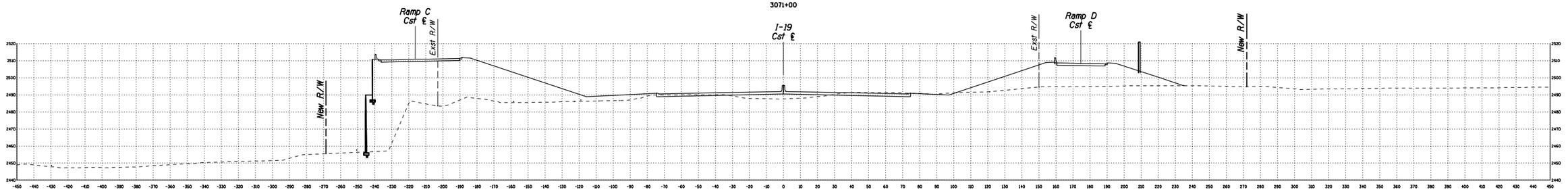
TRACS NO. H 5105 01 L | 019-PM-057 | OF 63

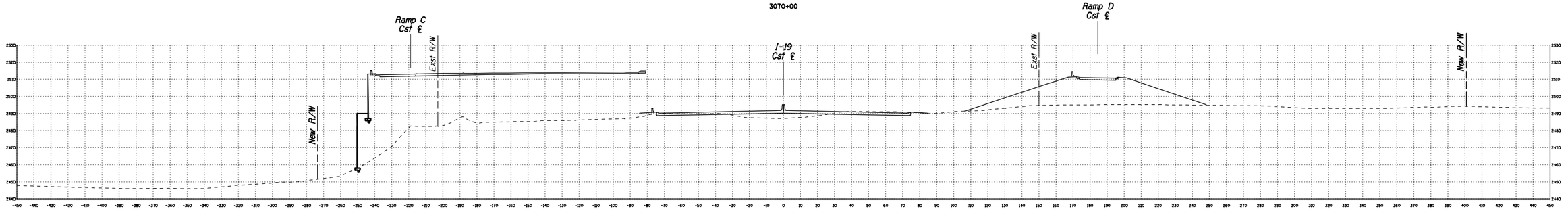
FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-018.dgn DATE: 1/16/2012 TIME: 10:10:41 PM PRINTED BY: OrsiniG

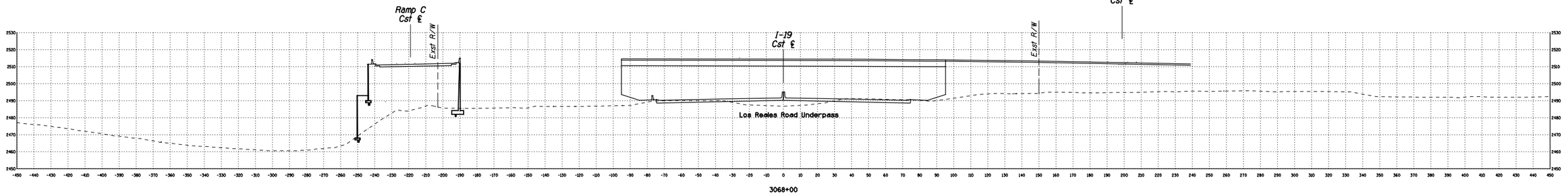
DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	19	63	









	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3068+00 TO STA 3071+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

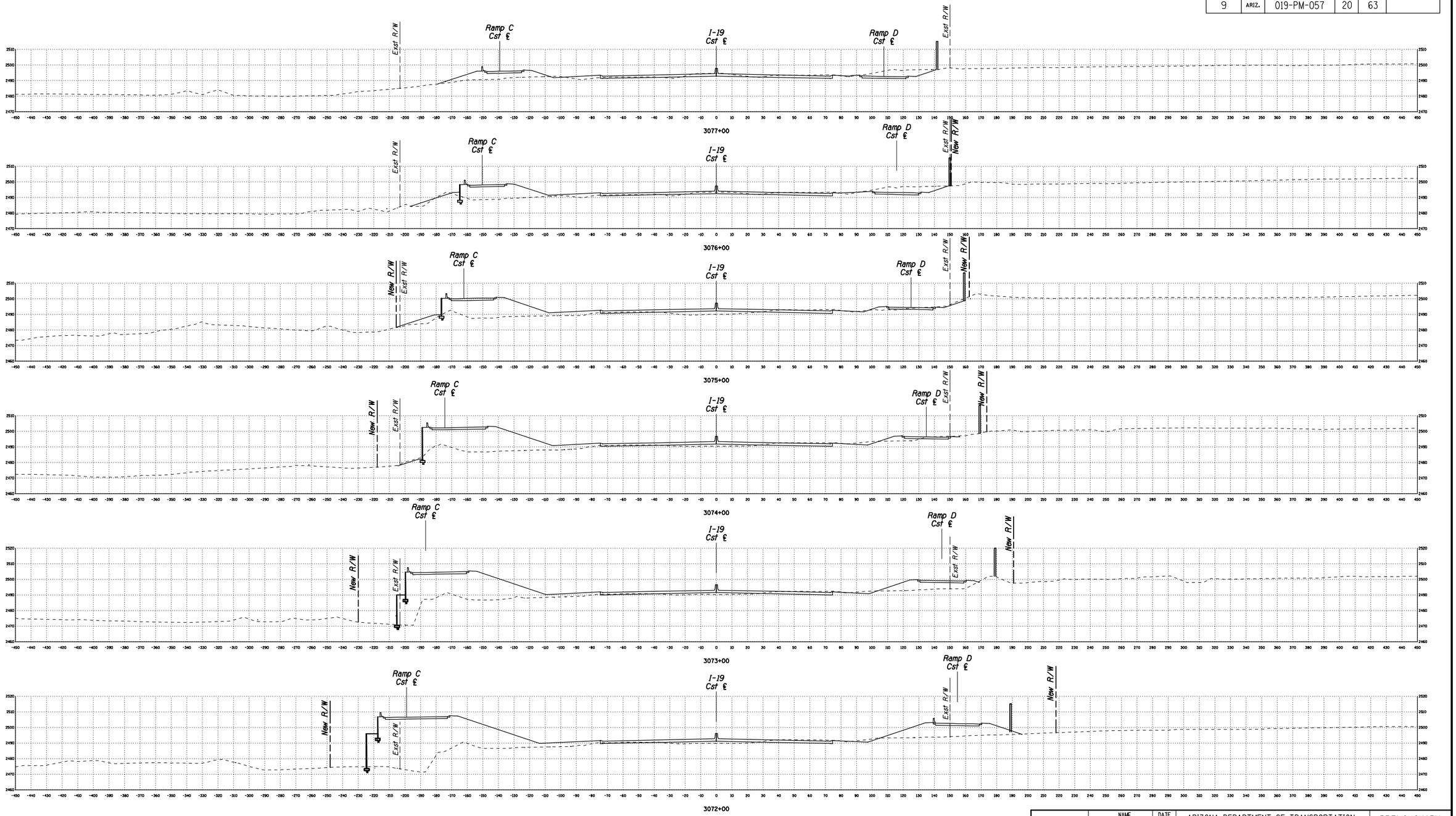
SHEET 19 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-019.dgn DATE: 1/16/2012 TIME: 10:10:43 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	20	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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I-19
CROSS SECTIONS
STA 3072+00 TO STA 3077+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

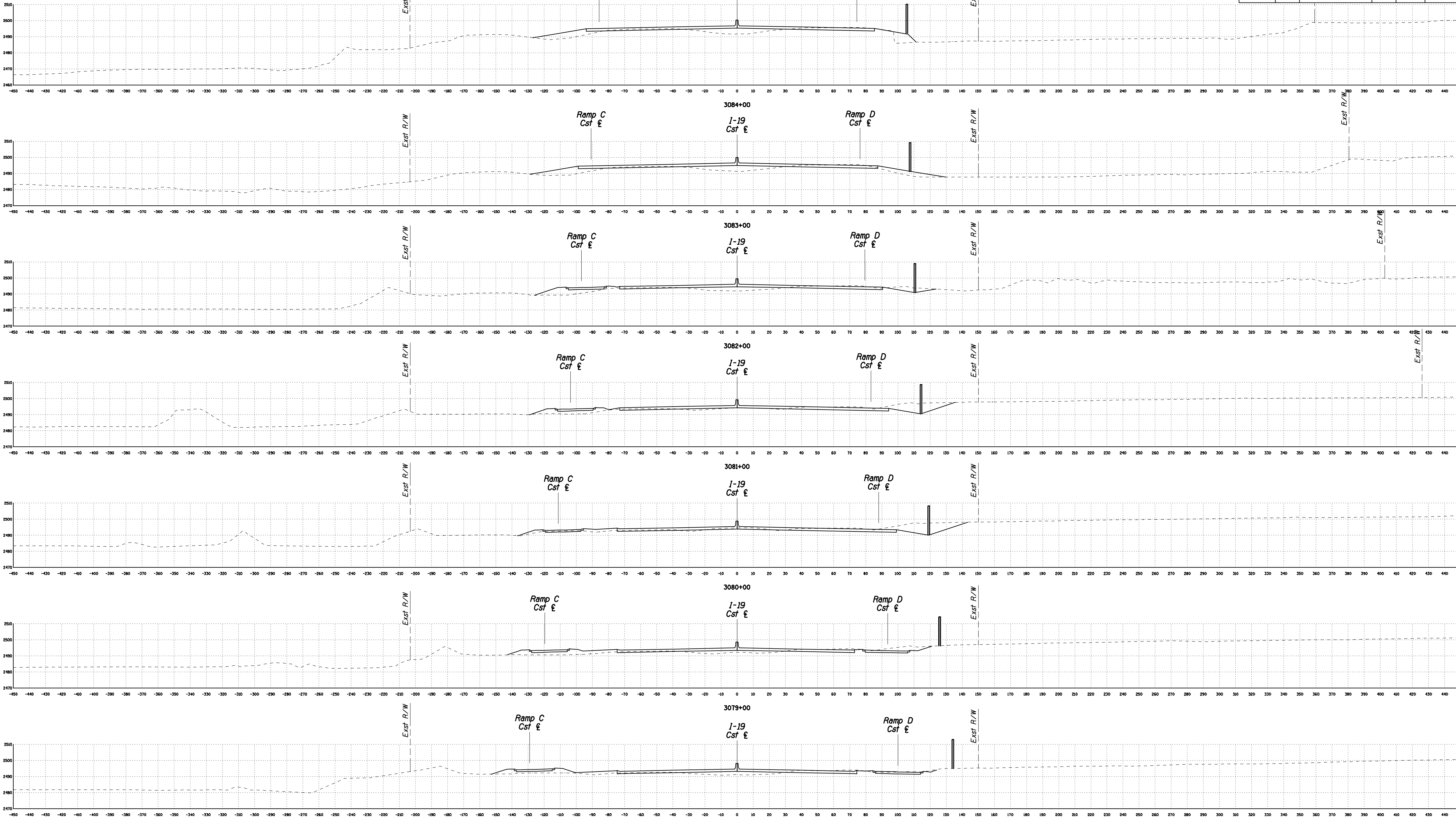
SHEET 20 OF 63

TRACS NO. H 5105 01 L		019-PM-057	OF 63

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-020.dgn DATE: 1/16/2012 TIME: 10:10:44 PM PRINTED BY: Orsinig

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	21	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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AECOM

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3078+00 TO STA 3084+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

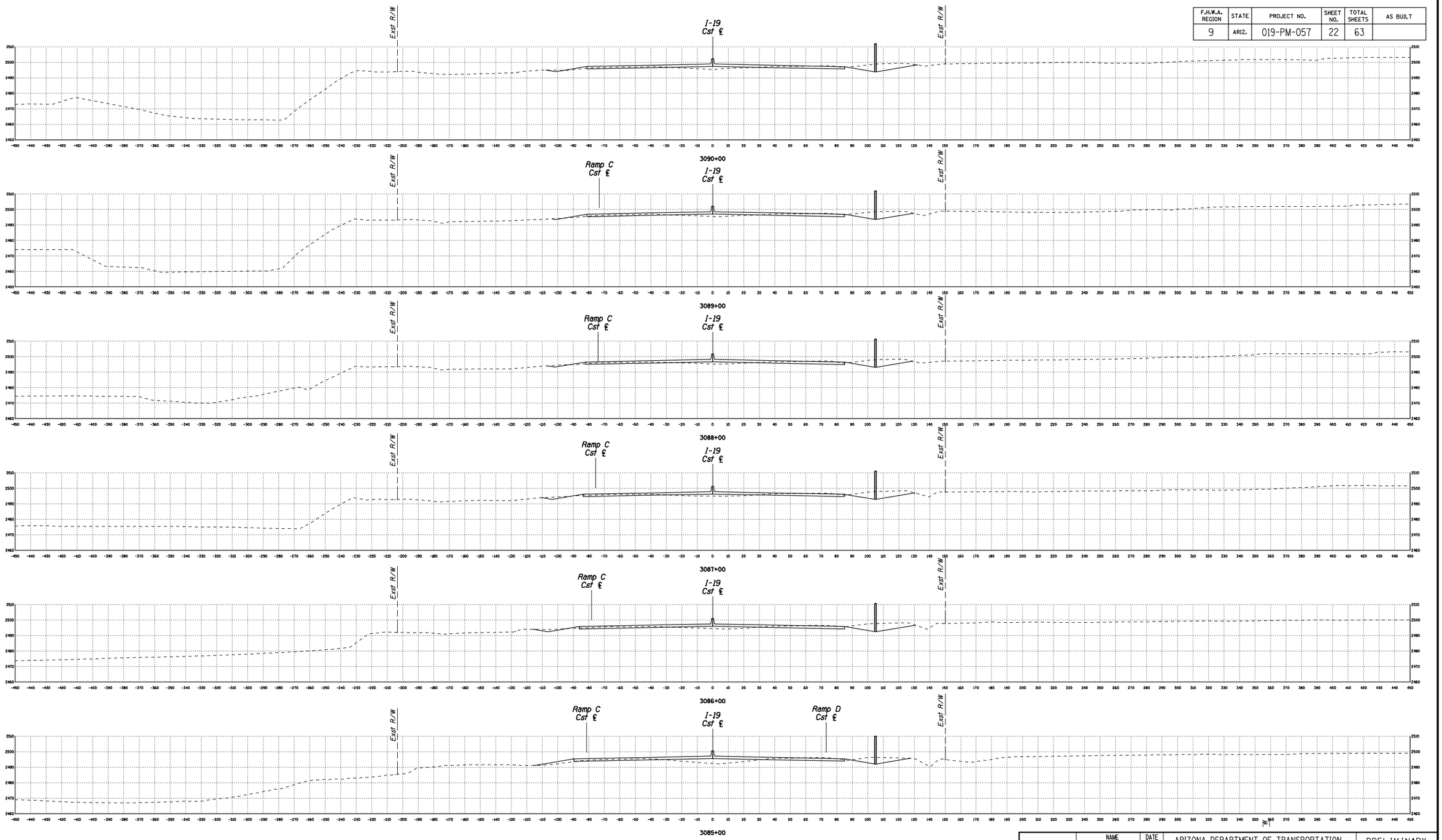
ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

SHEET 21 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | ____ OF 63

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-021.dgn DATE: 1/16/2012 TIME: 10:10:46 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	22	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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I-19
CROSS SECTIONS
STA 3085+00 TO STA 3090+00

PRELIMINARY
DCR
Review
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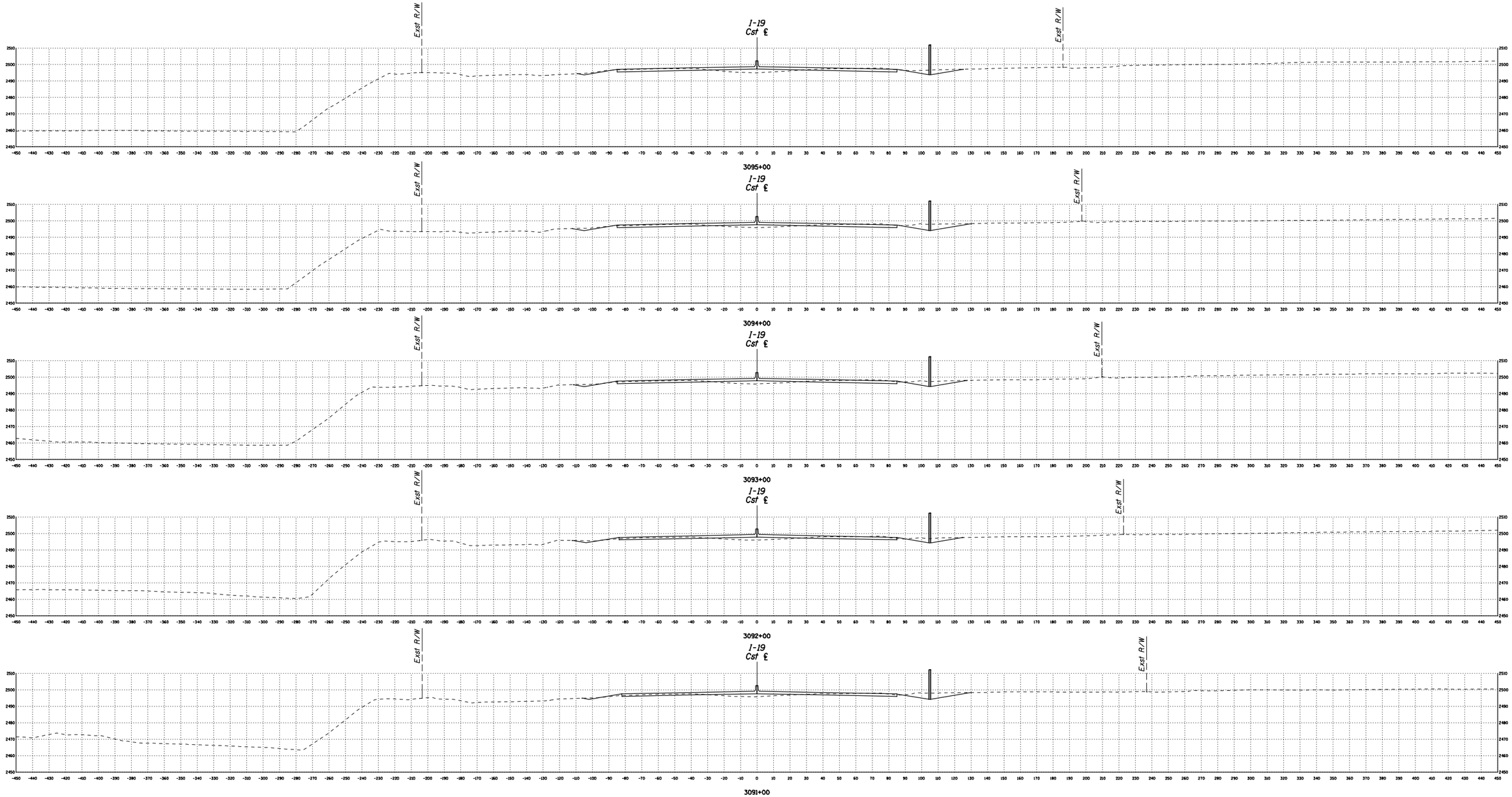
ROUTE	LOCATION	SHEET
I-19	SAN XAVIER ROAD TO I-10	SHEET 22 OF 63

TRACS NO.			SHEET
H 5105 01 L		019-PM-057	OF 63

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-022.dgn DATE: 1/16/2012 TIME: 10:10:47 PM PRINTED BY: OrsinG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	23	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

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CROSS SECTIONS
STA 3091+00 TO STA 3095+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

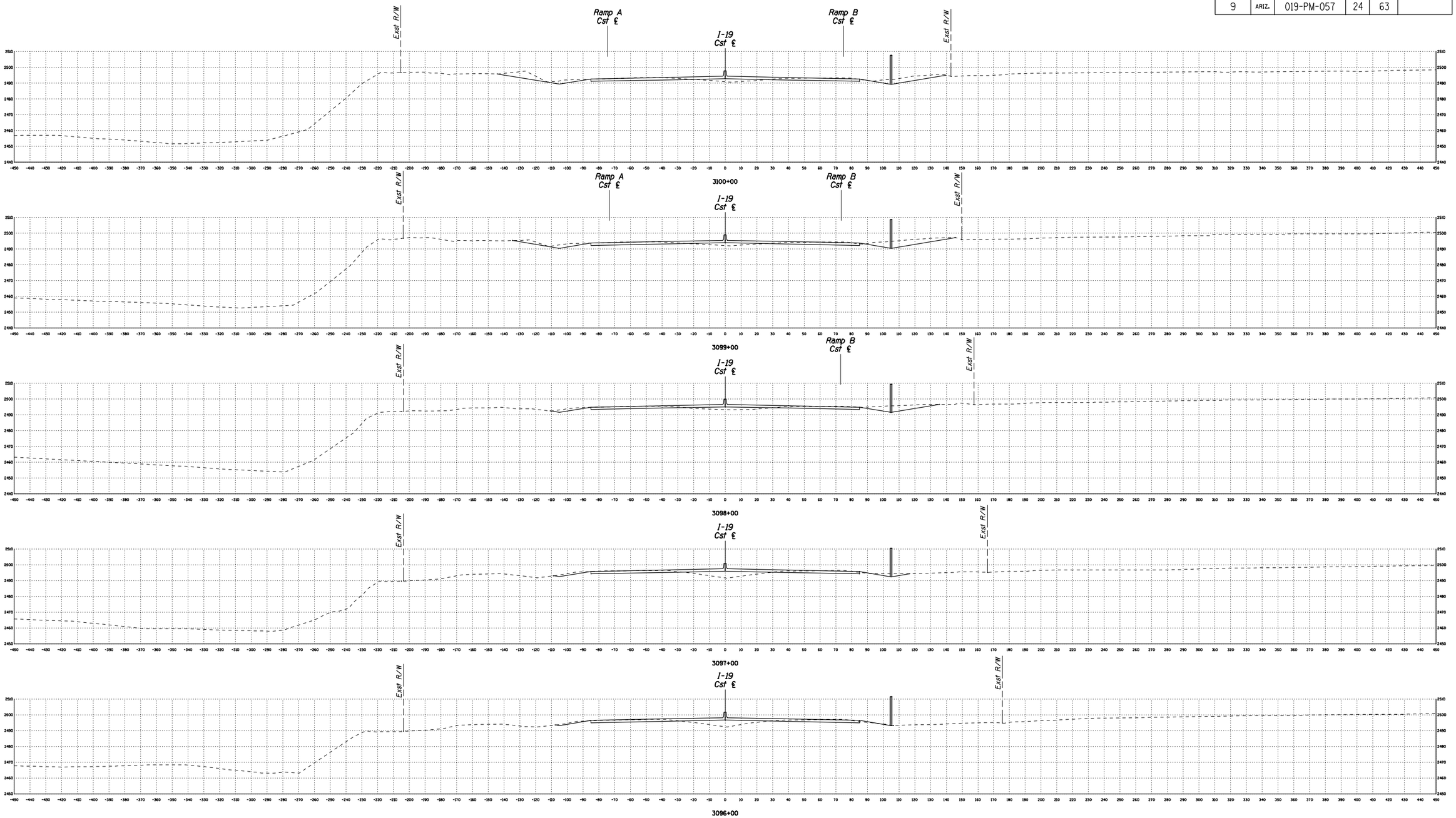
SHEET 23 OF 63

OF 63

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-023.dgn DATE: 1/16/2012 TIME: 10:10:49 PM PRINTED BY: Orsinig

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	24	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3096+00 TO STA 3100+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

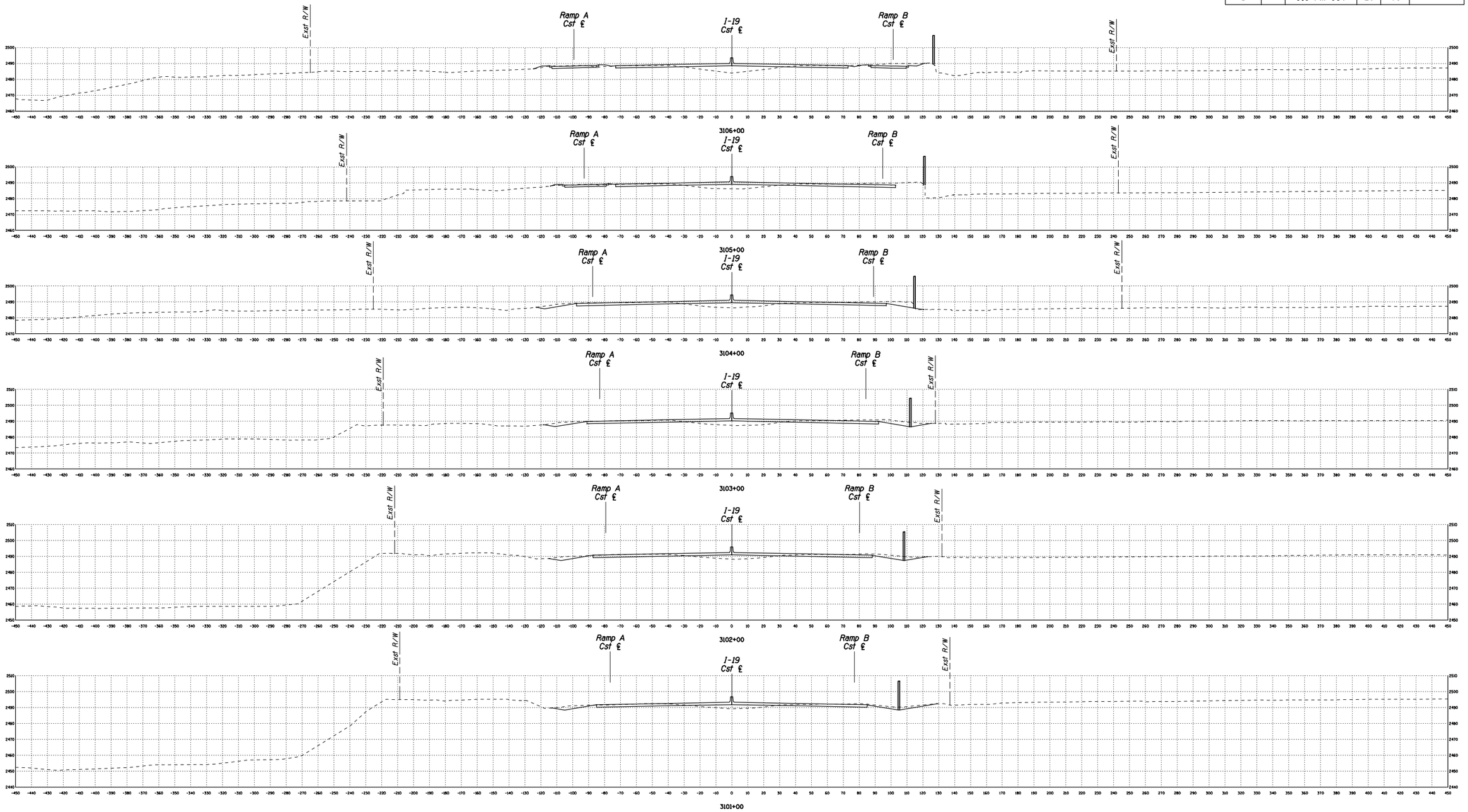
SHEET 24 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | OF 63

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-024.dgn DATE: 1/16/2012 TIME: 10:10:50 PM PRINTED BY: Orsinig

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	25	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3101+00 TO STA 3106+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

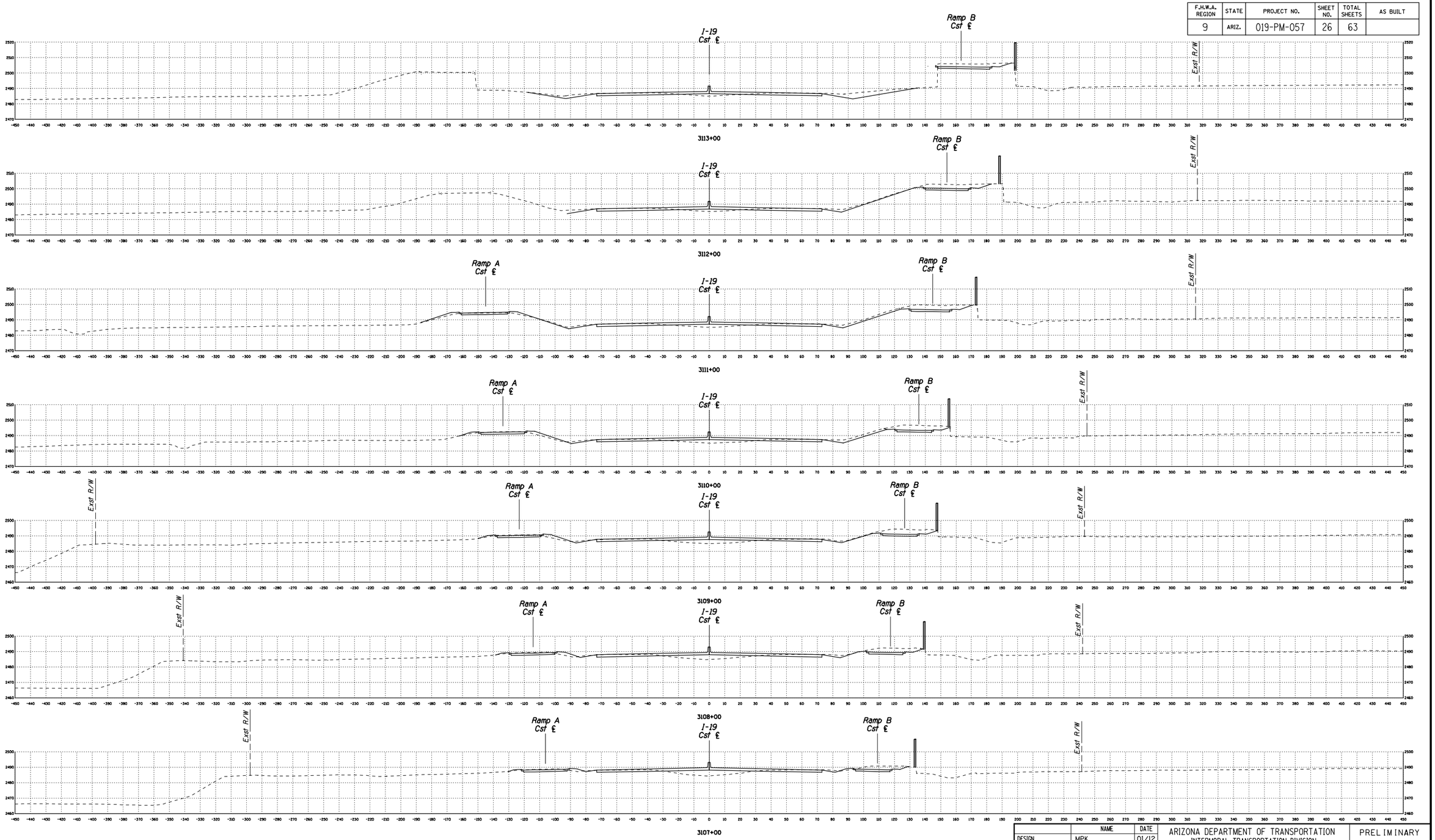
SHEET 25 OF 63

OF 63

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

FILE NAME: t:\6310 i-19 stage 11\prod\xsect\h5105XS-025.dgn DATE: 1/16/2012 TIME: 10:10:52 PM PRINTED BY: OrsinG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	26	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

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I-19
CROSS SECTIONS
STA 3107+00 TO STA 3113+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

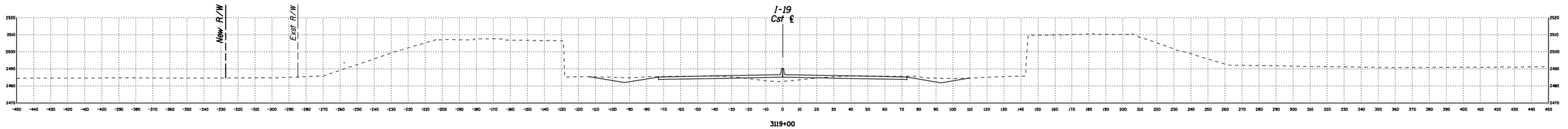
SHEET 26 OF 63

OF 63

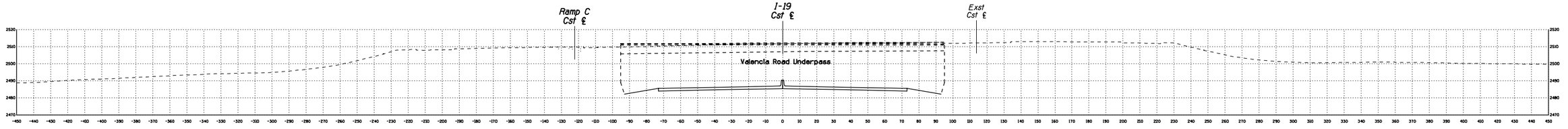
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-026.dgn DATE: 1/16/2012 TIME: 10:10:53 PM PRINTED BY: OrsiniG

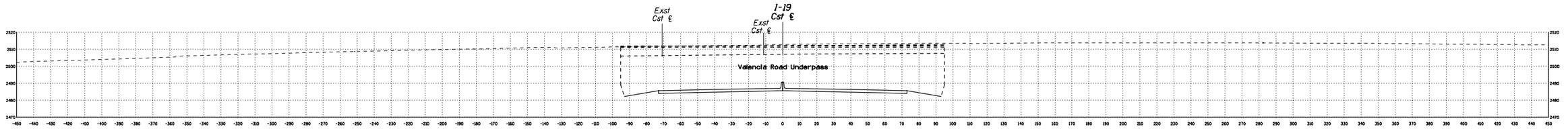
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	27	63	



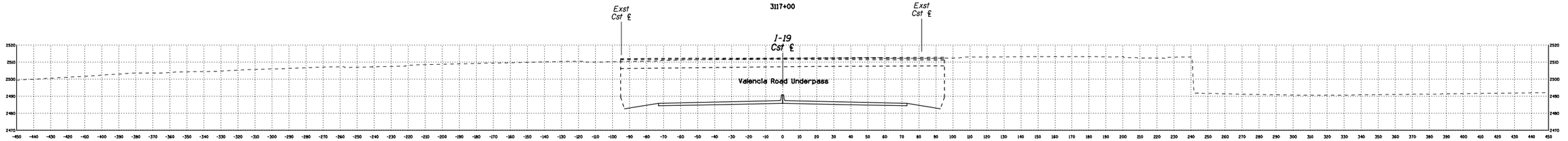
3119+00



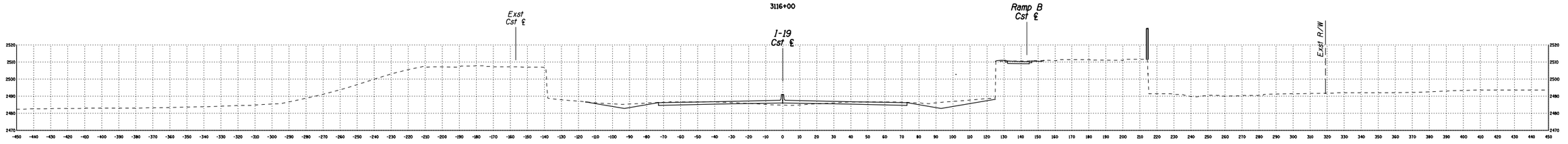
3118+00



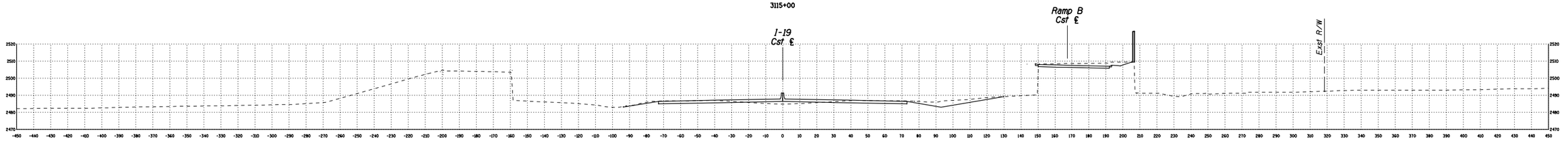
3117+00



3116+00



3115+00



3114+00

	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3114+00 TO STA 3119+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L

019-PM-057

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

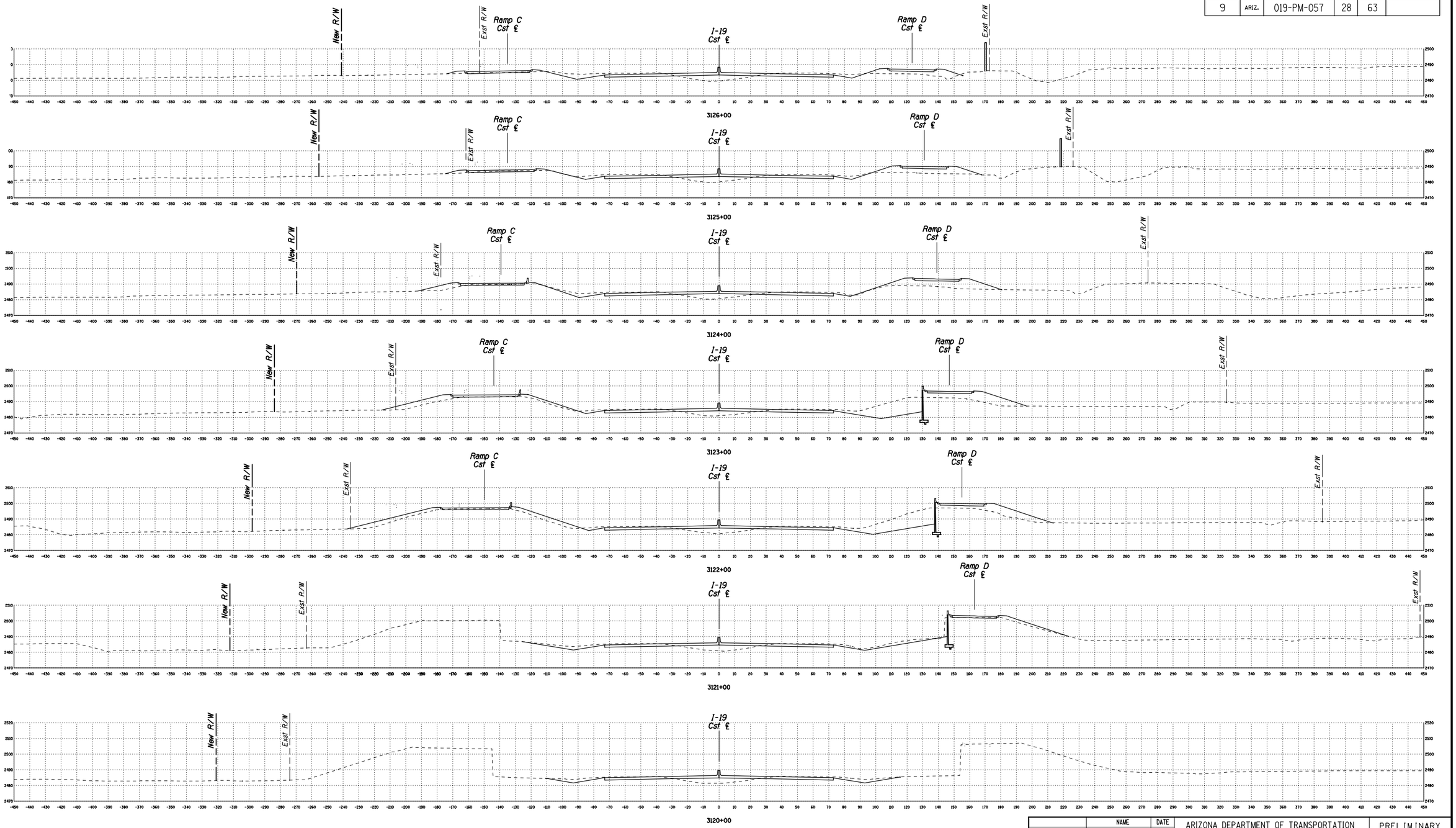
SHEET 27 OF 63

OF 63

SURVEY NO. | DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-027.dgn DATE: 1/16/2012 TIME: 10:10:55 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	28	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3120+00 TO STA 3126+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

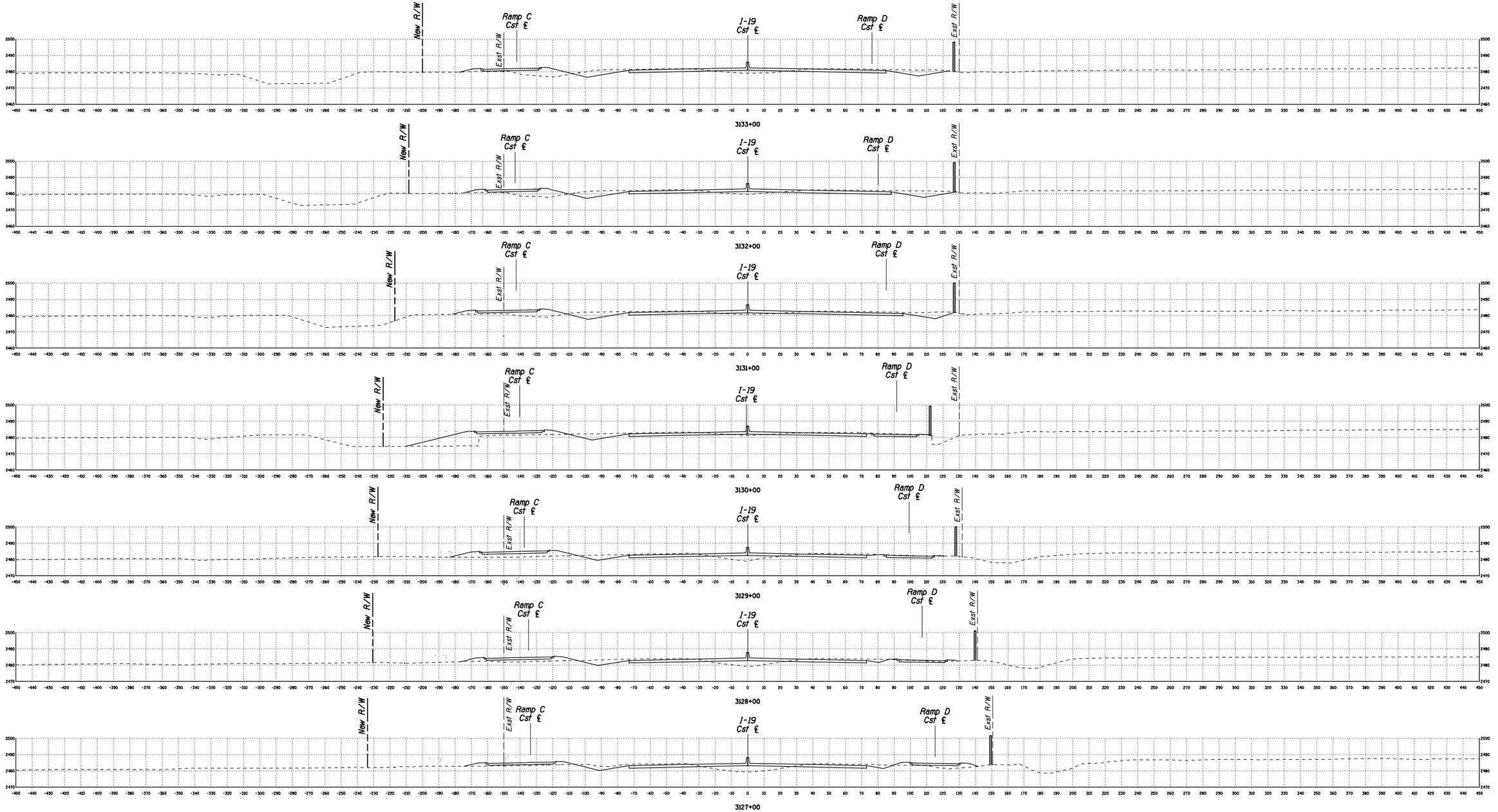
SHEET 28 OF 63

OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-028.dgn DATE: 1/16/2012 TIME: 10:10:56 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	29	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
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I-19
CROSS SECTIONS
STA 3127+00 TO STA 3133+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

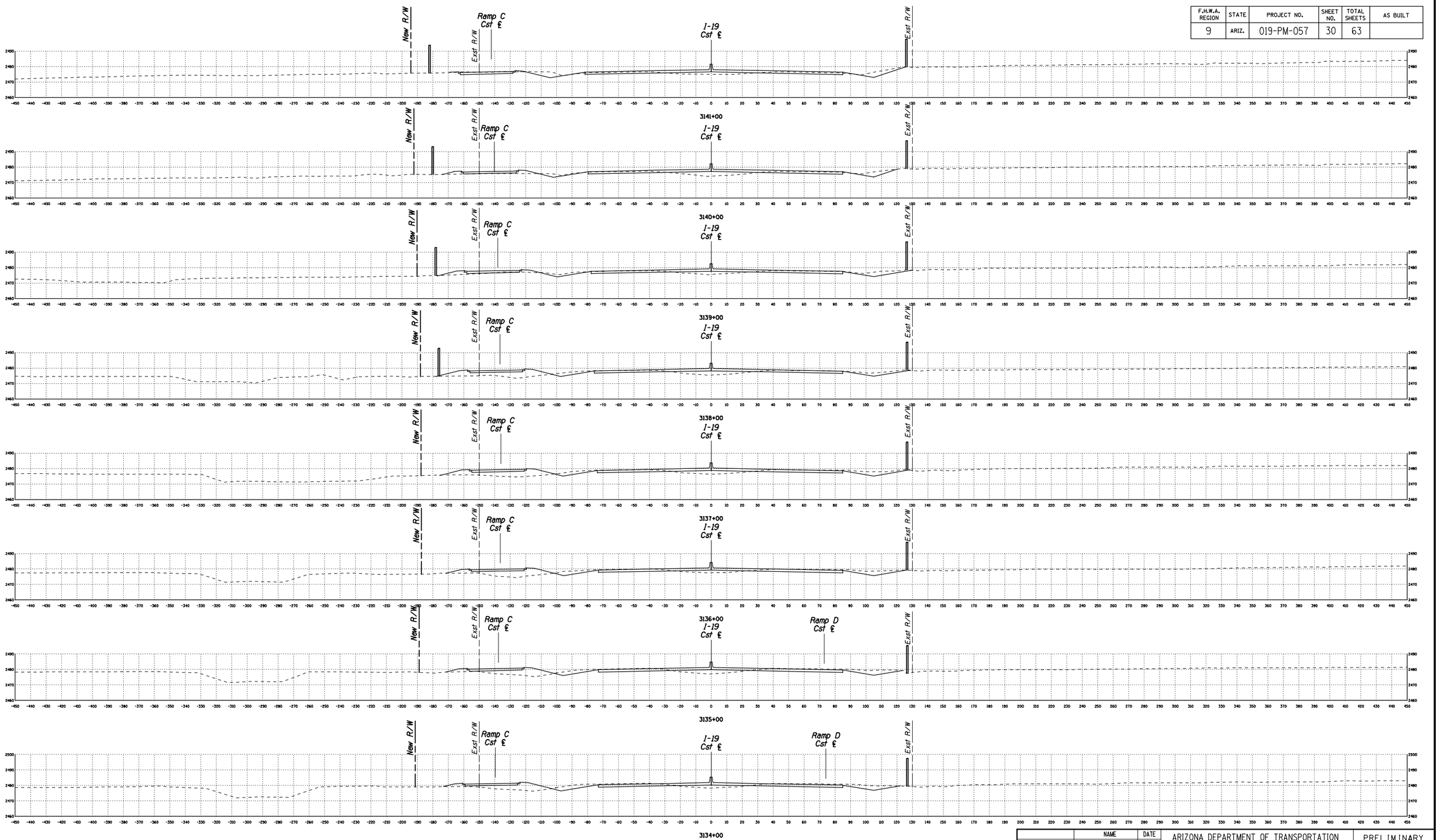
SHEET 29 OF 63

OF 63

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-029.dgn DATE: 1/16/2012 TIME: 10:10:58 PM PRINTED BY: OrsinG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	30	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3134+00 TO STA 3141+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

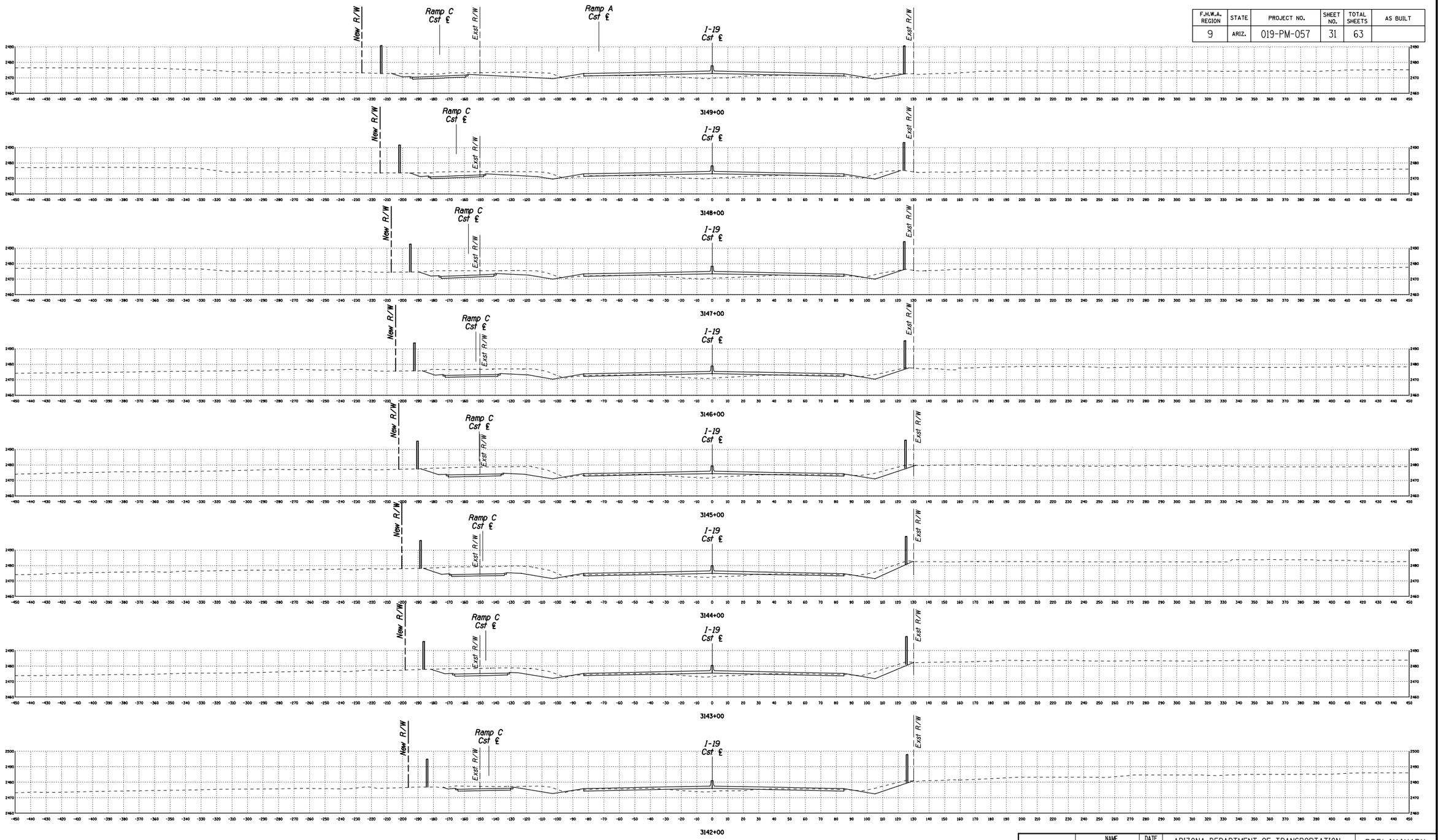
SHEET 30 OF 63

OF 63

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-030.dgn DATE: 1/16/2012 TIME: 10:11:00 PM PRINTED BY: Orsinig

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	31	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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I-19
CROSS SECTIONS
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PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

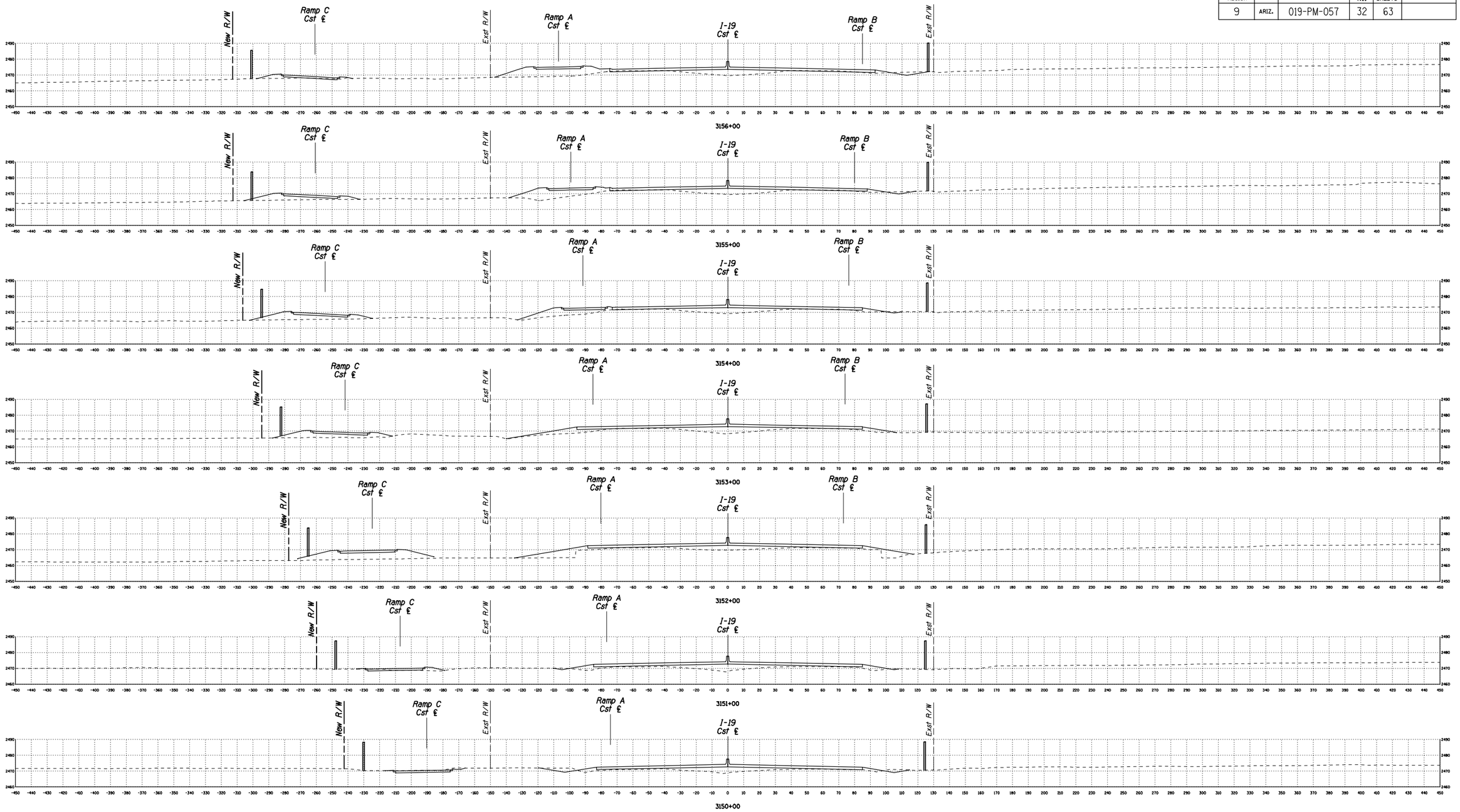
SHEET 31 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | OF 63

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-031.dgn DATE: 1/16/2012 TIME: 10:11:02 PM PRINTED BY: Orsini G

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	32	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3150+00 TO STA 3156+00

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

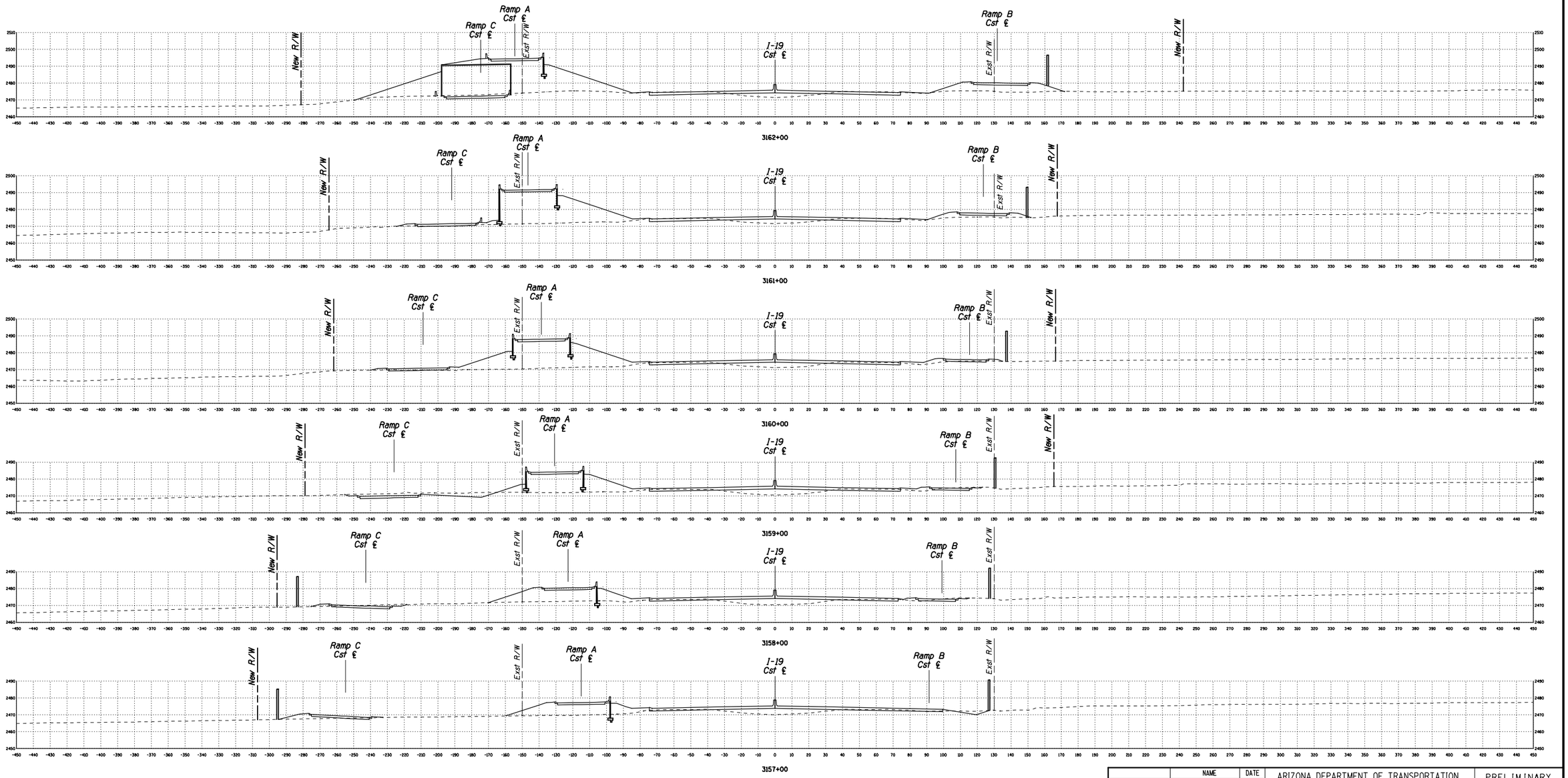
SHEET 32 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | ___ OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-032.dgn DATE: 1/16/2012 TIME: 10:11:03 PM PRINTED BY: OrsinG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	33	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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1360 E. RIVER RD, SUITE 300
Tucson, Arizona 85718
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INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3157+00 TO STA 3162+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

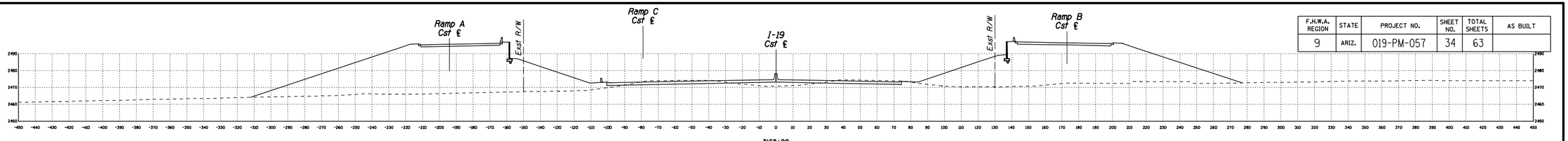
SHEET 33 OF 63

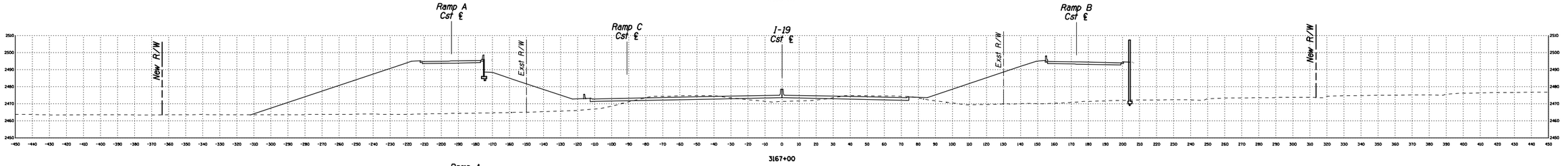
___ OF 63

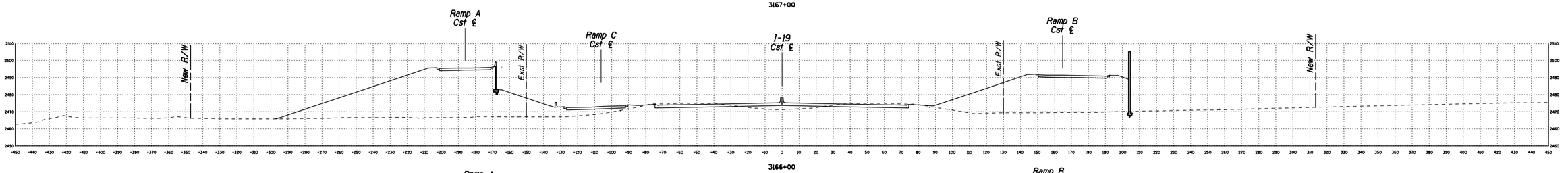
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

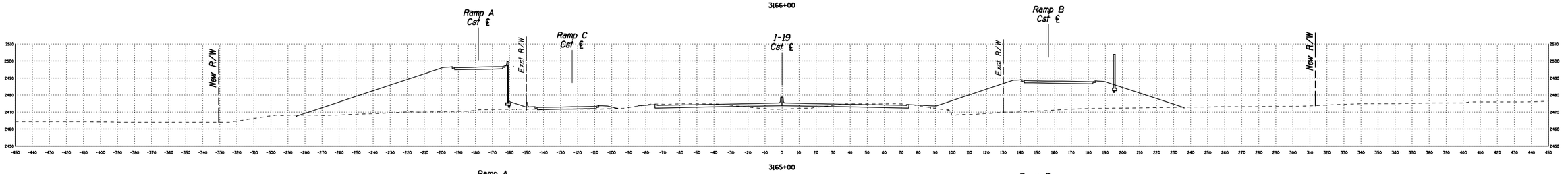
FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-033.dgn DATE: 1/16/2012 TIME: 10:11:05 PM PRINTED BY: OrsinG

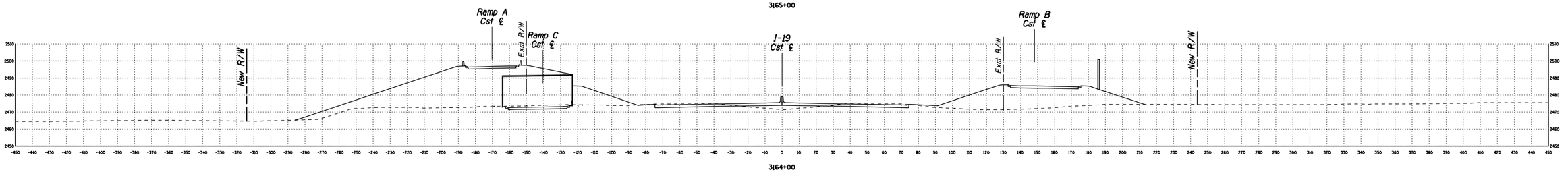
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	34	63	

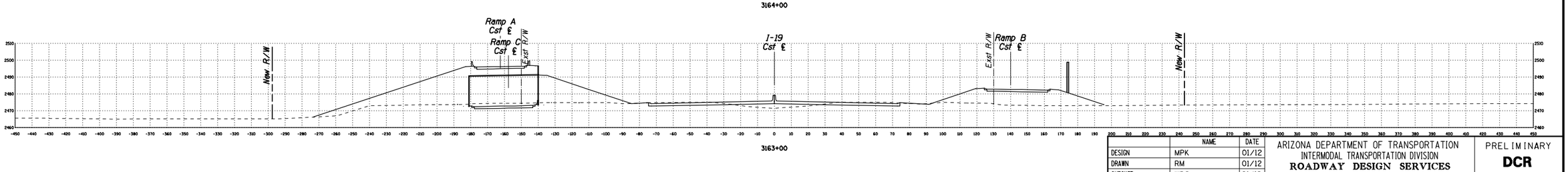












	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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7720 E. McKellips Rd., Suite 100
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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3163+00 TO STA 3168+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L

019-PM-057

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

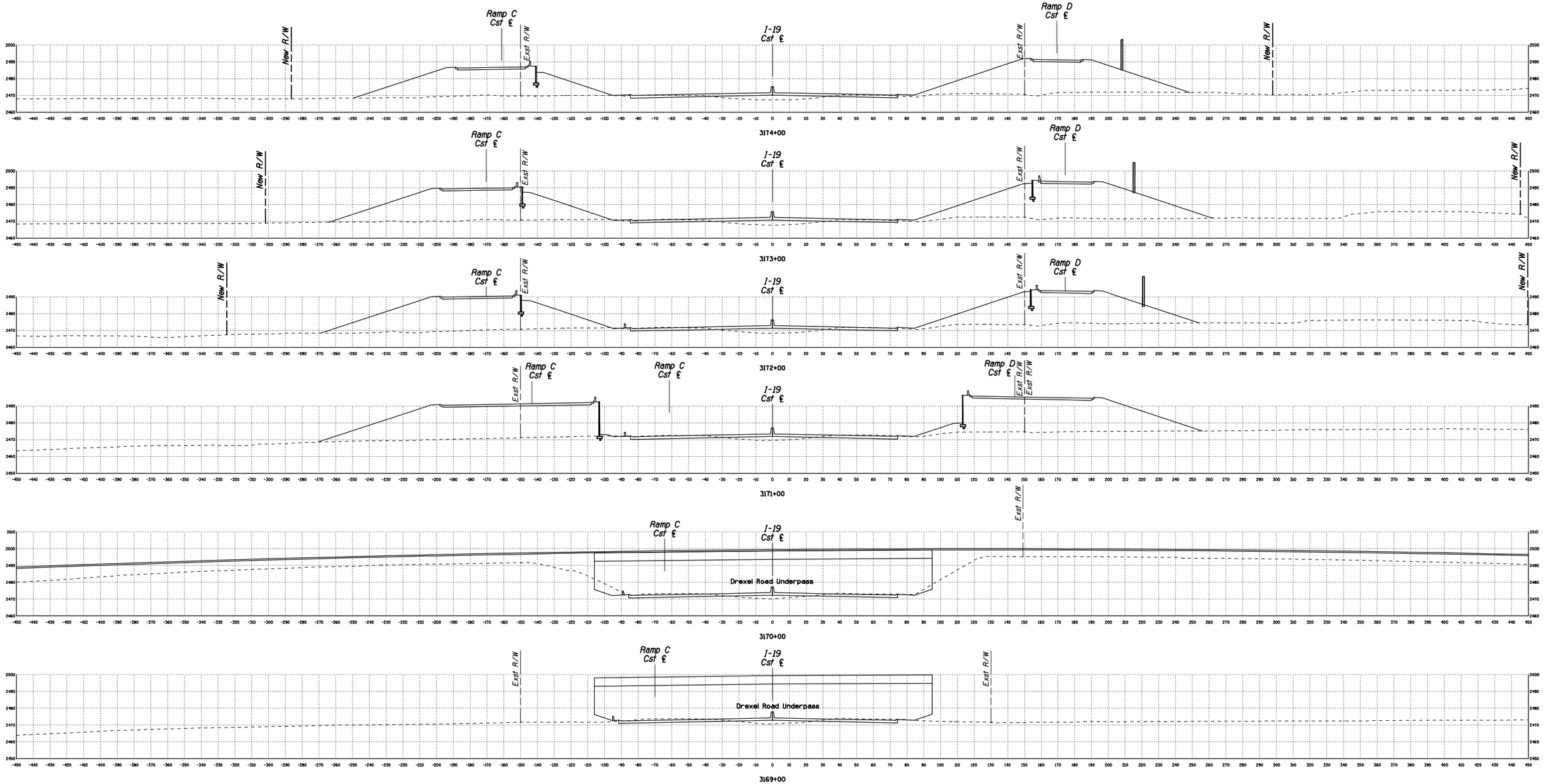
SHEET 34 OF 63

OF 63

SURVEY NO. | DATE: | LOCATION: | REVISIONS: | FINISHED PLANS: | SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-034.dgn DATE: 1/16/2012 TIME: 10:11:06 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	35	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1840 E. RIVER RD., SUITE 300
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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3169+00 TO STA 3174+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

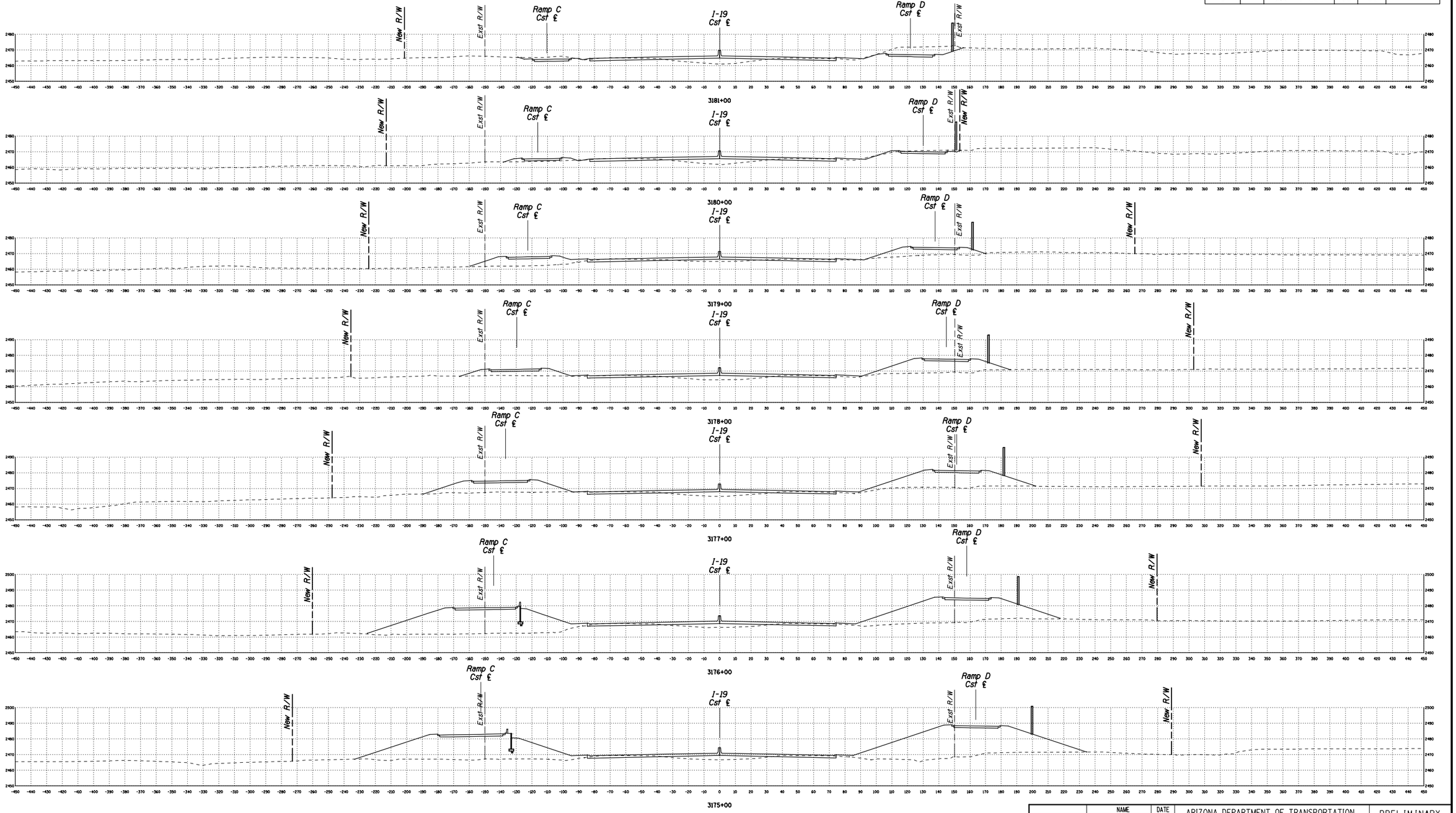
SHEET 35 OF 63

TRACS NO. H 5105 01 L		019-PM-057	___ OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-035.dgn DATE: 1/16/2012 TIME: 10:11:08 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	36	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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I-19
CROSS SECTIONS
STA 3175+00 TO STA 3181+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L

019-PM-057

PRELIMINARY
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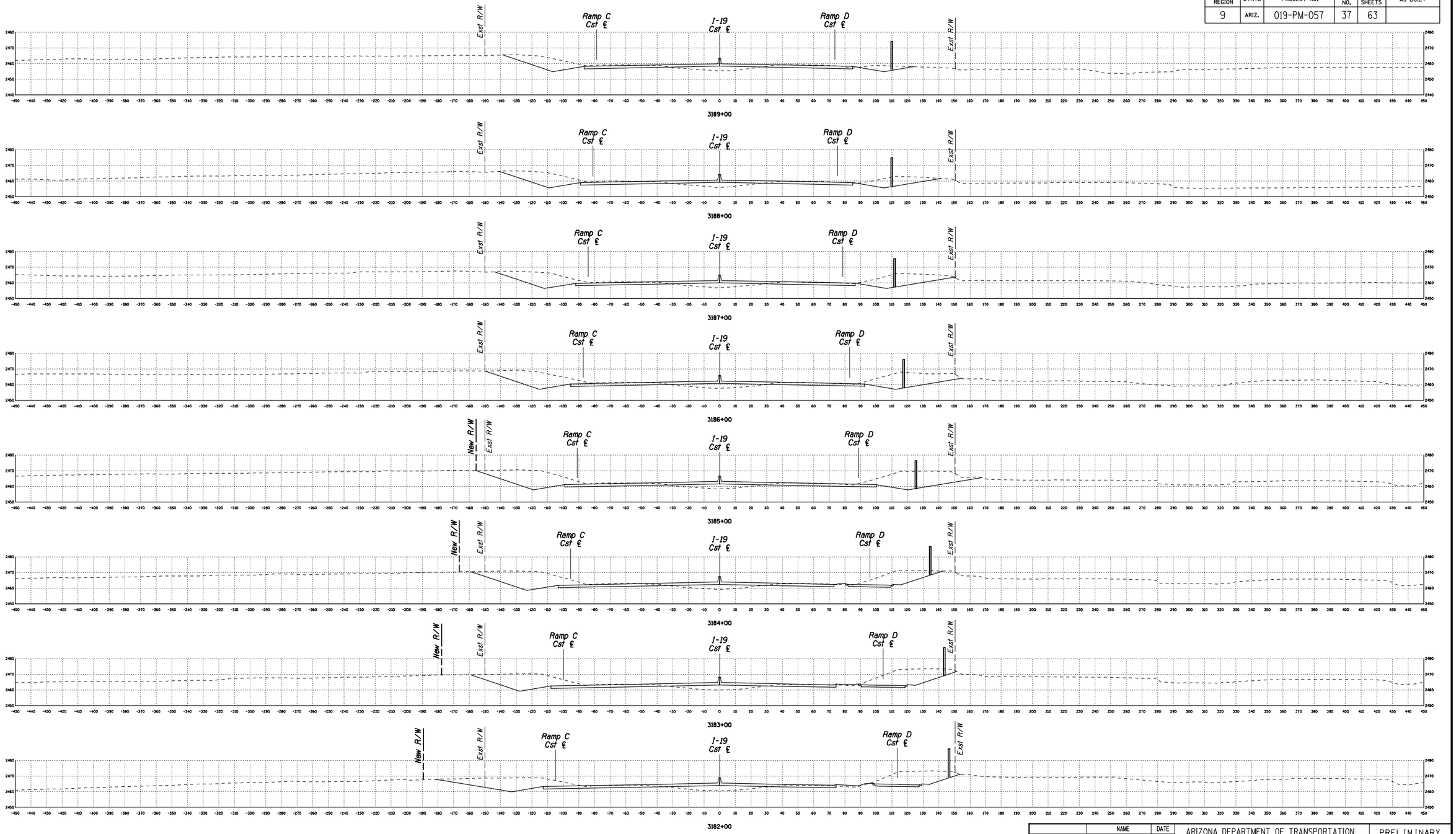
SHEET 36 OF 63

OF 63

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-036.dgn DATE: 1/16/2012 TIME: 10:11:10 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	37	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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I-19
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ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

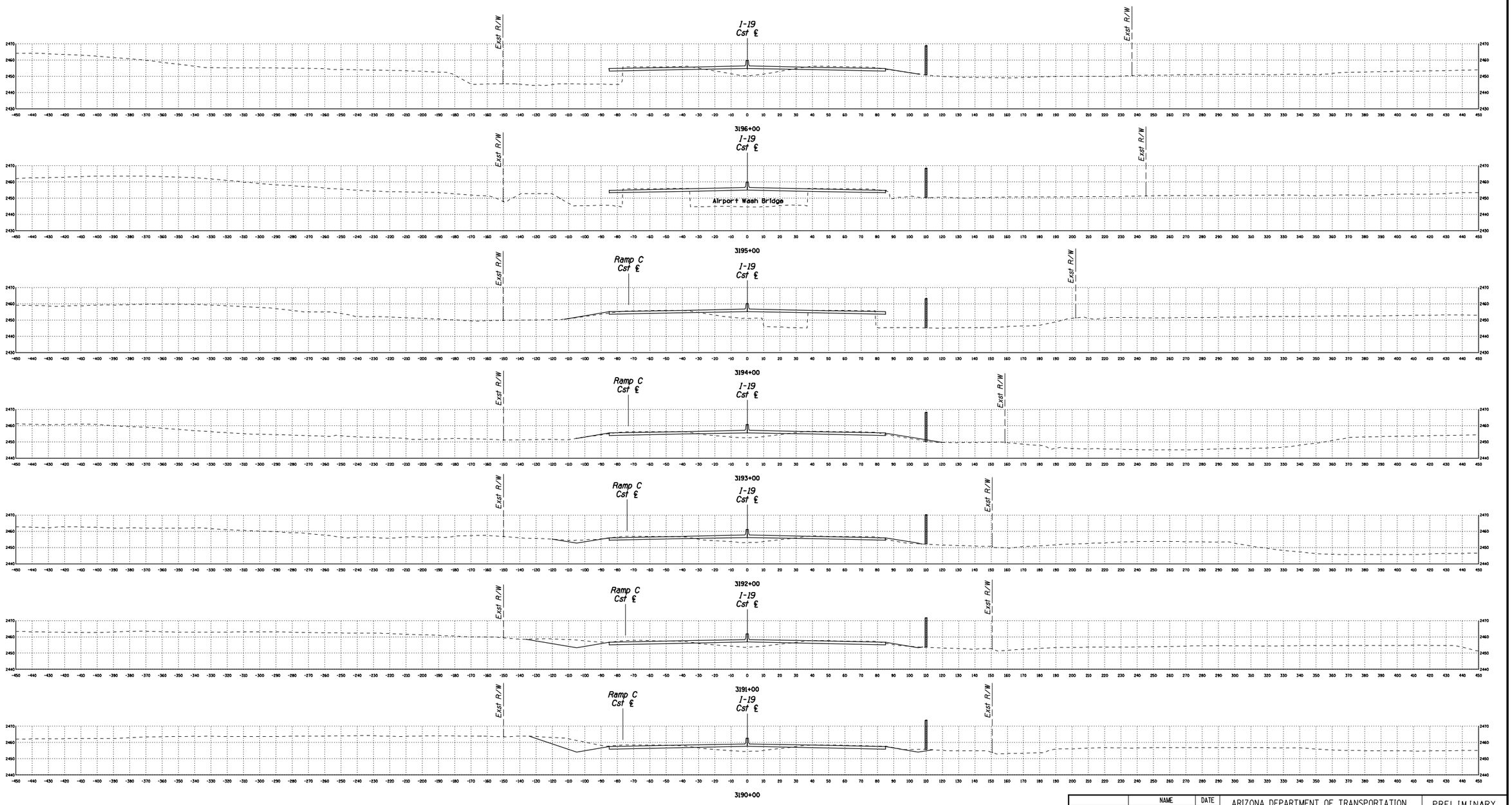
SHEET 37 OF 63

TRACS NO. H 5105 01 L		019-PM-057	___ OF 63

DATE:
LOCATION:
REVISIONS:
FINISHED PLANS:
SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-037.dgn DATE: 1/16/2012 TIME: 10:11:12 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	38	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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I-19
CROSS SECTIONS
STA 3190+00 TO STA 3196+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

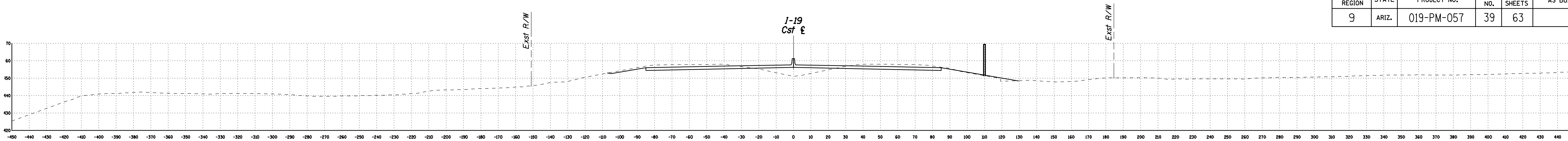
SHEET 38 OF 63

OF 63

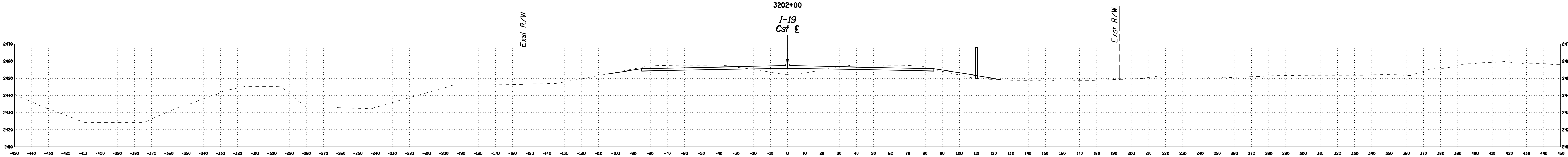
DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-038.dgn DATE: 1/16/2012 TIME: 10:11:13 PM PRINTED BY: Orsinig

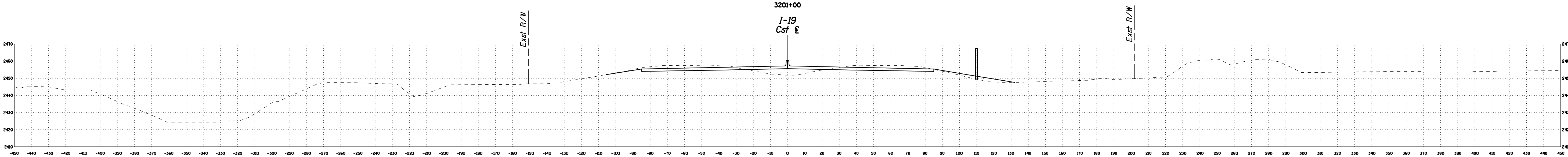
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	39	63	



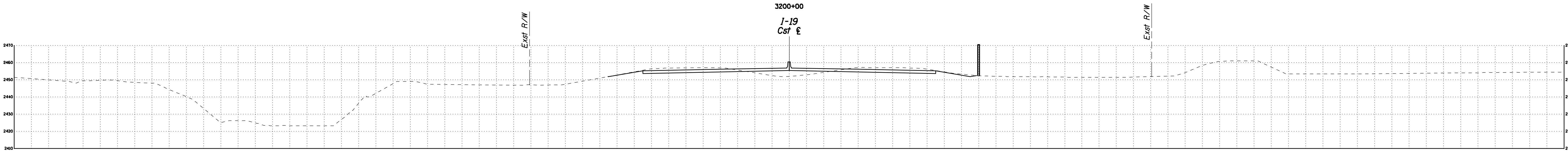
3202+00



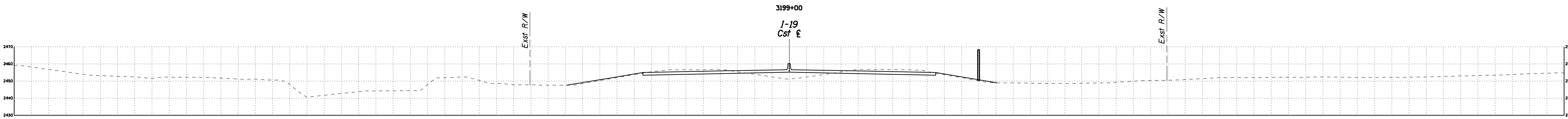
3201+00



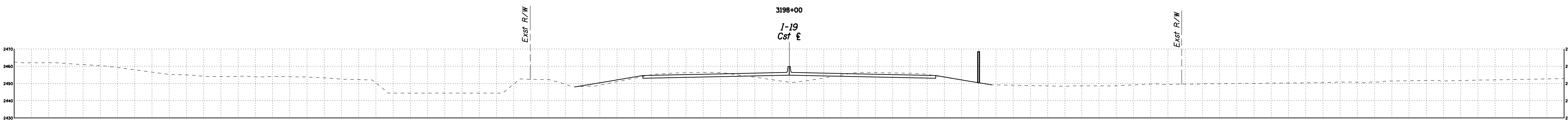
3200+00



3199+00



3198+00



3197+00

	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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I-19
CROSS SECTIONS
STA 3197+00 TO STA 3202+00

PRELIMINARY
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Review
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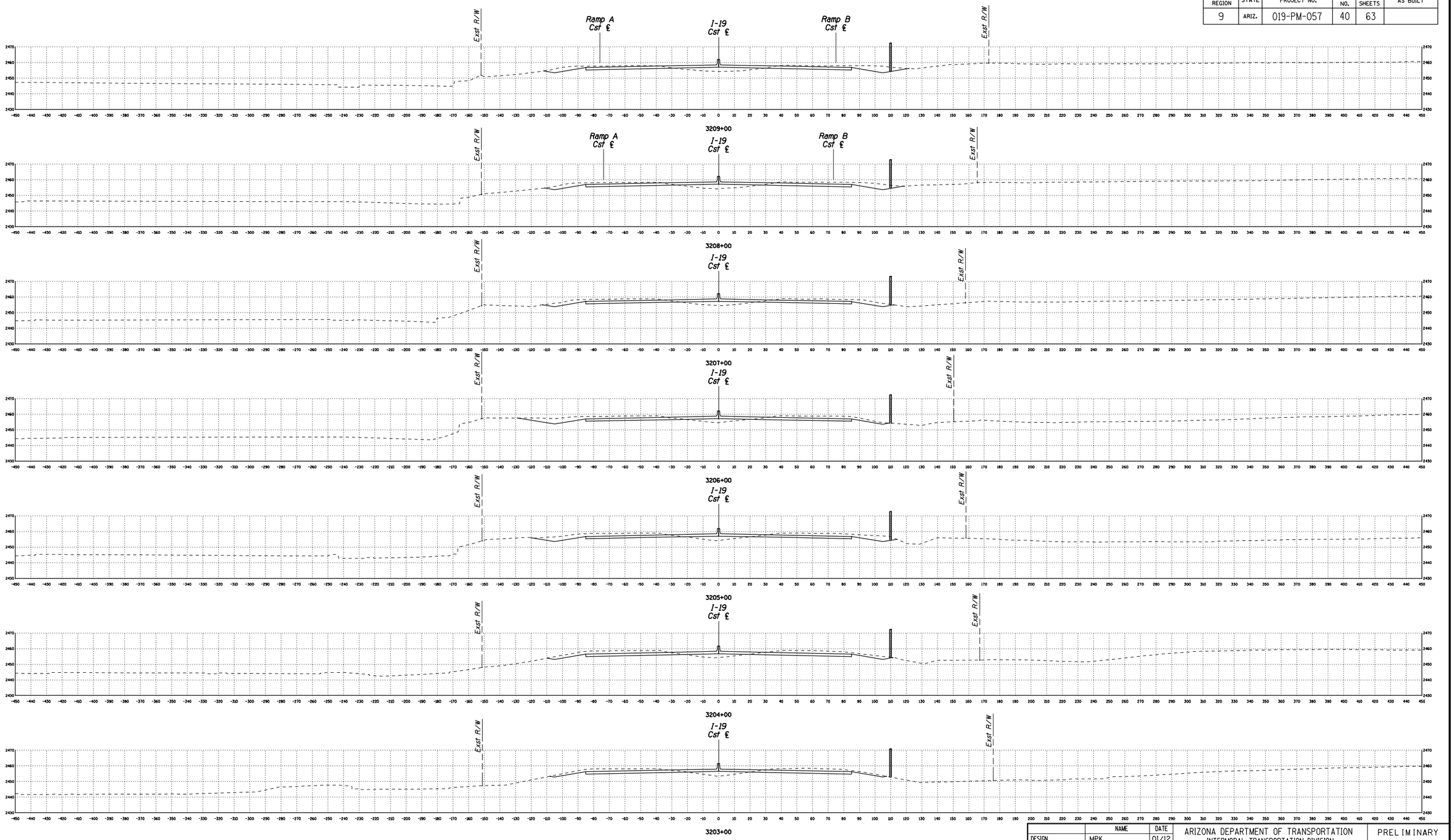
ROUTE	LOCATION	
I-19	SAN XAVIER ROAD TO I-10	SHEET 39 OF 63
TRACS NO. H 5105 01 L	019-PM-057	____ OF 63

DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-039.dgn DATE: 1/16/2012 TIME: 10:11:15 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	40	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3203+00 TO STA 3209+00

PRELIMINARY
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Review
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ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

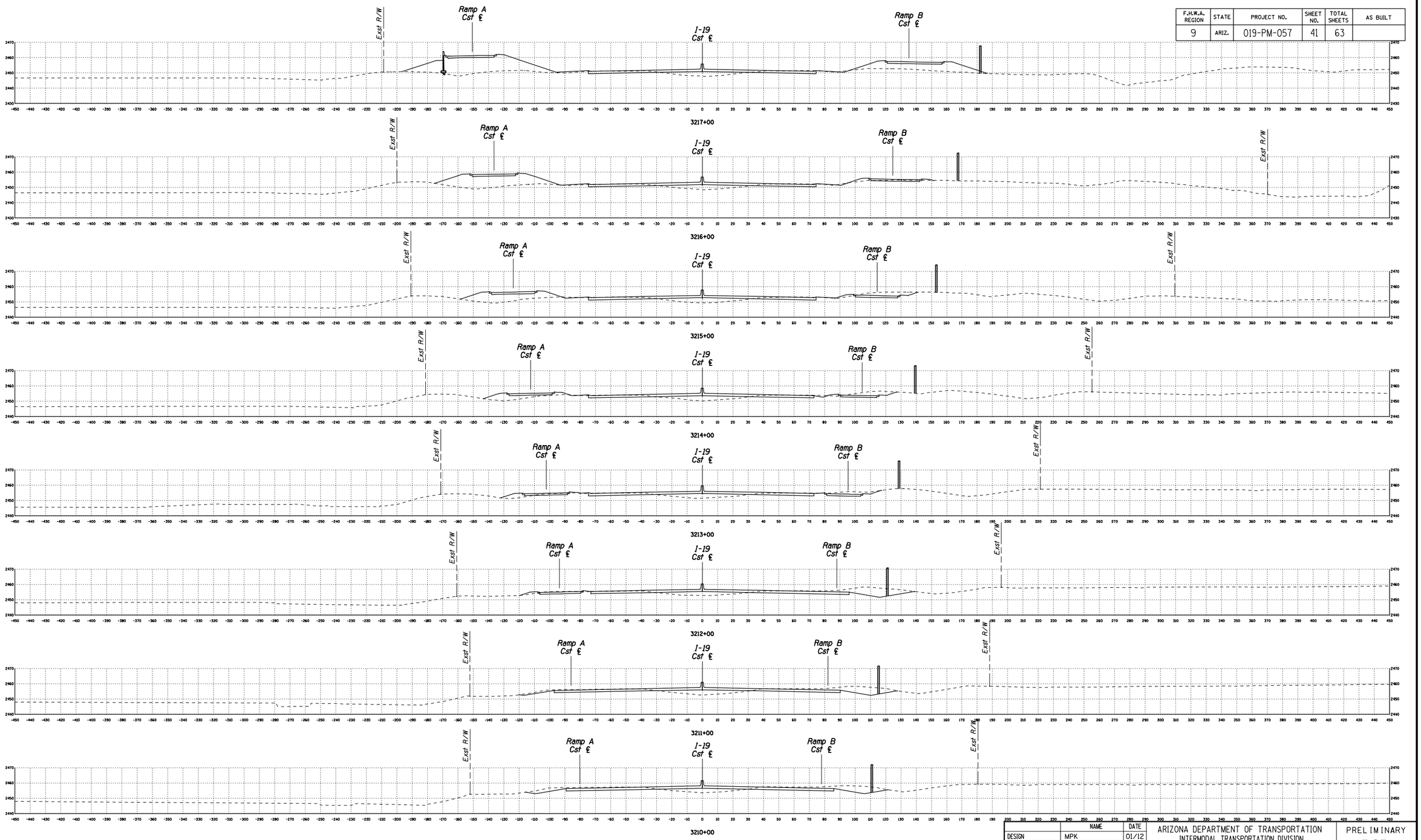
SHEET 40 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | ____ OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-040.dgn DATE: 1/16/2012 TIME: 10:11:17 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	41	63	



SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3210+00 TO STA 3217+00

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

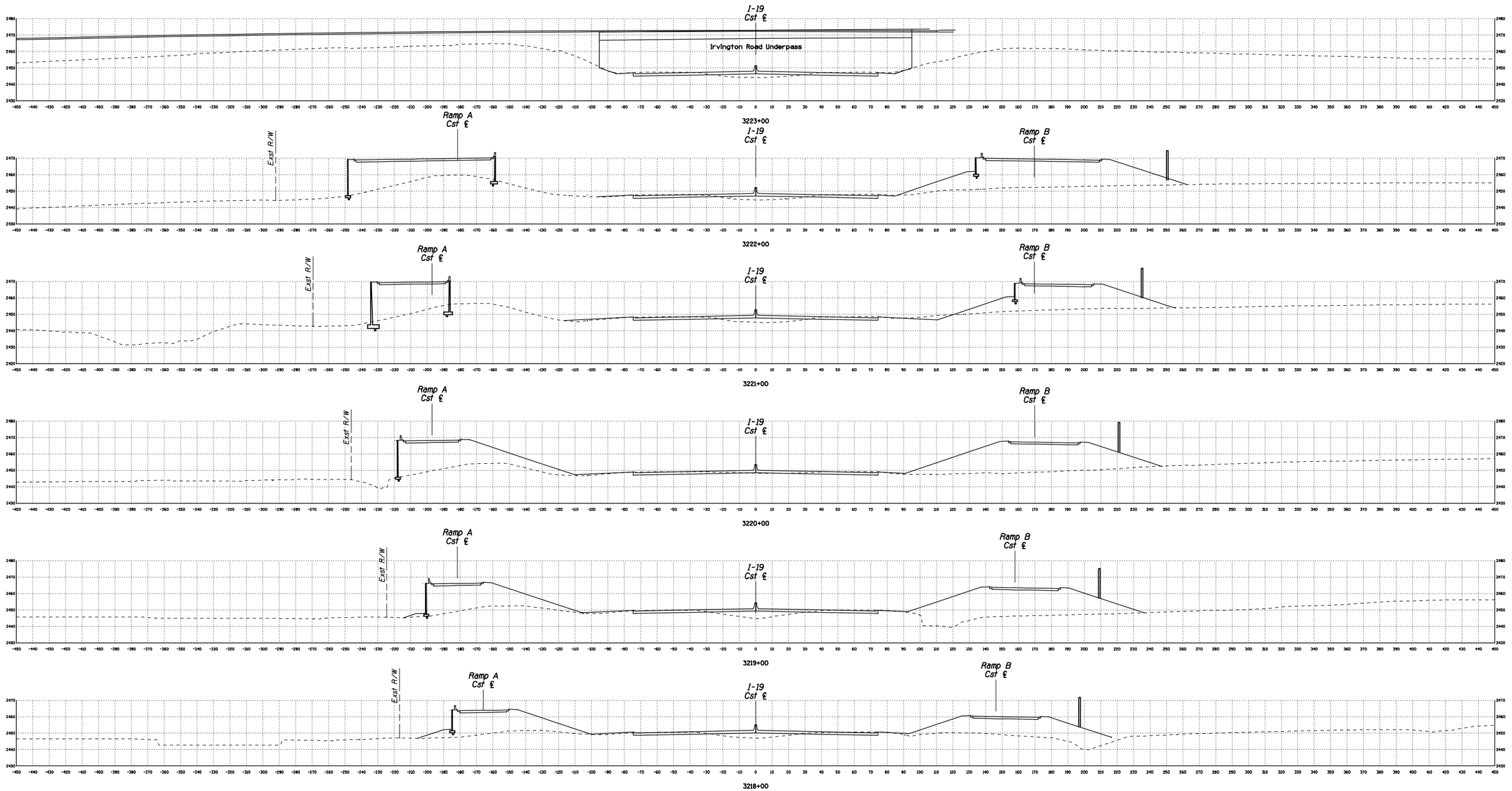
ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

SHEET 41 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | OF 63

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-041.dgn DATE: 1/16/2012 TIME: 10:11:18 PM PRINTED BY: Orsinig

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	42	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION

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1660 E. RIVER RD, SUITE 300
Tucson, Arizona 85718
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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3218+00 TO STA 3223+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L

019-PM-057

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

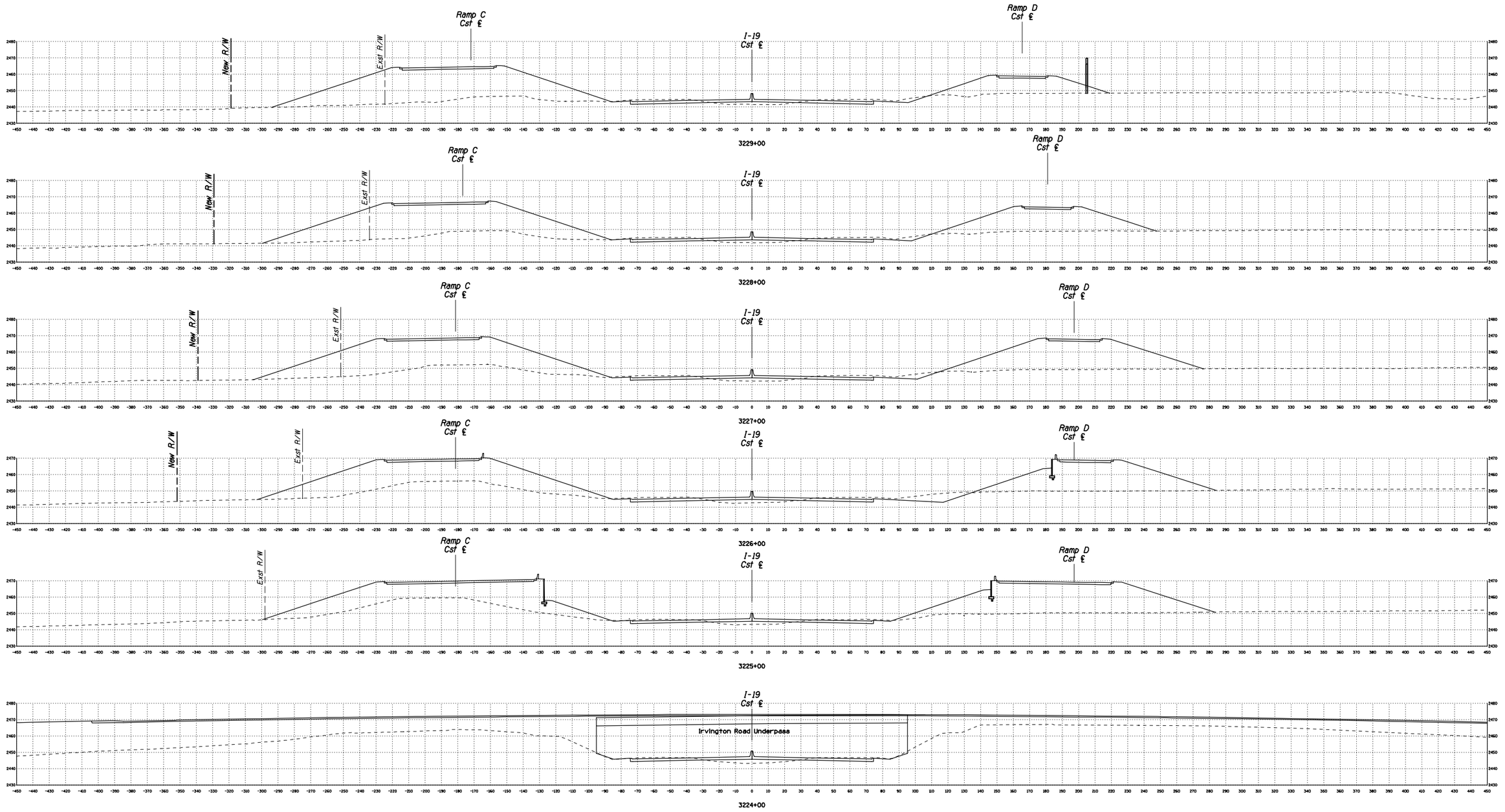
SHEET 42 OF 63

OF 63

SURVEY NO. | DATE | LOCATION | REVISIONS | FINISHED PLANS

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-042.dgn DATE: 1/16/2012 TIME: 10:11:20 PM PRINTED BY: OrsinG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	43	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
AECOM USA, Inc.
1160 E. RIVER RD., SUITE 300
Tucson, Arizona 85718
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3224+00 TO STA 3229+00

PRELIMINARY
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Review
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ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

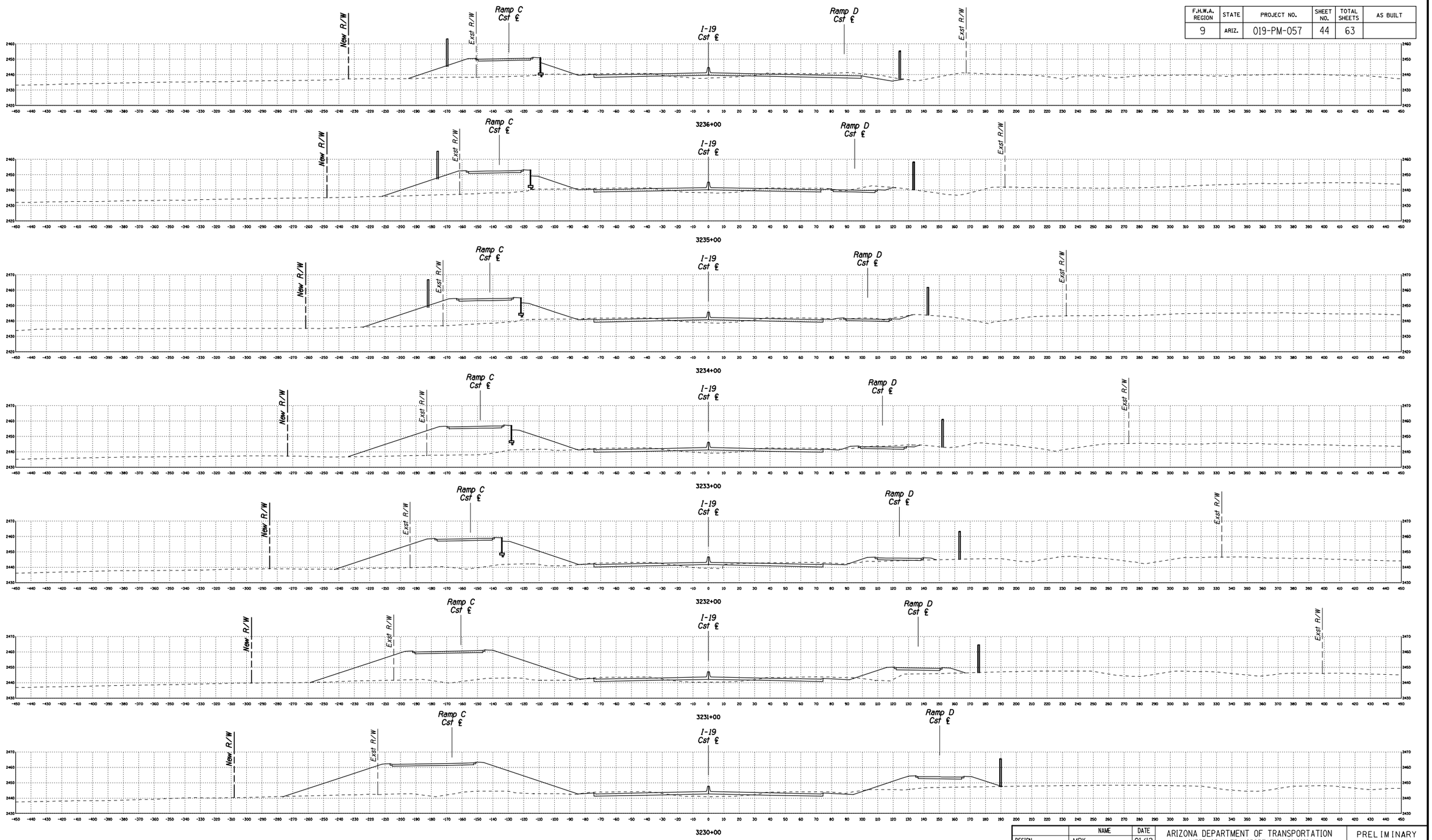
SHEET 43 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE- | SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-043.dgn DATE: 1/16/2012 TIME: 10:11:22 PM PRINTED BY: Orsinig

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	44	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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1600 E. RIVER RD, SUITE 300
Tucson, Arizona 85718
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3230+00 TO STA 3236+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

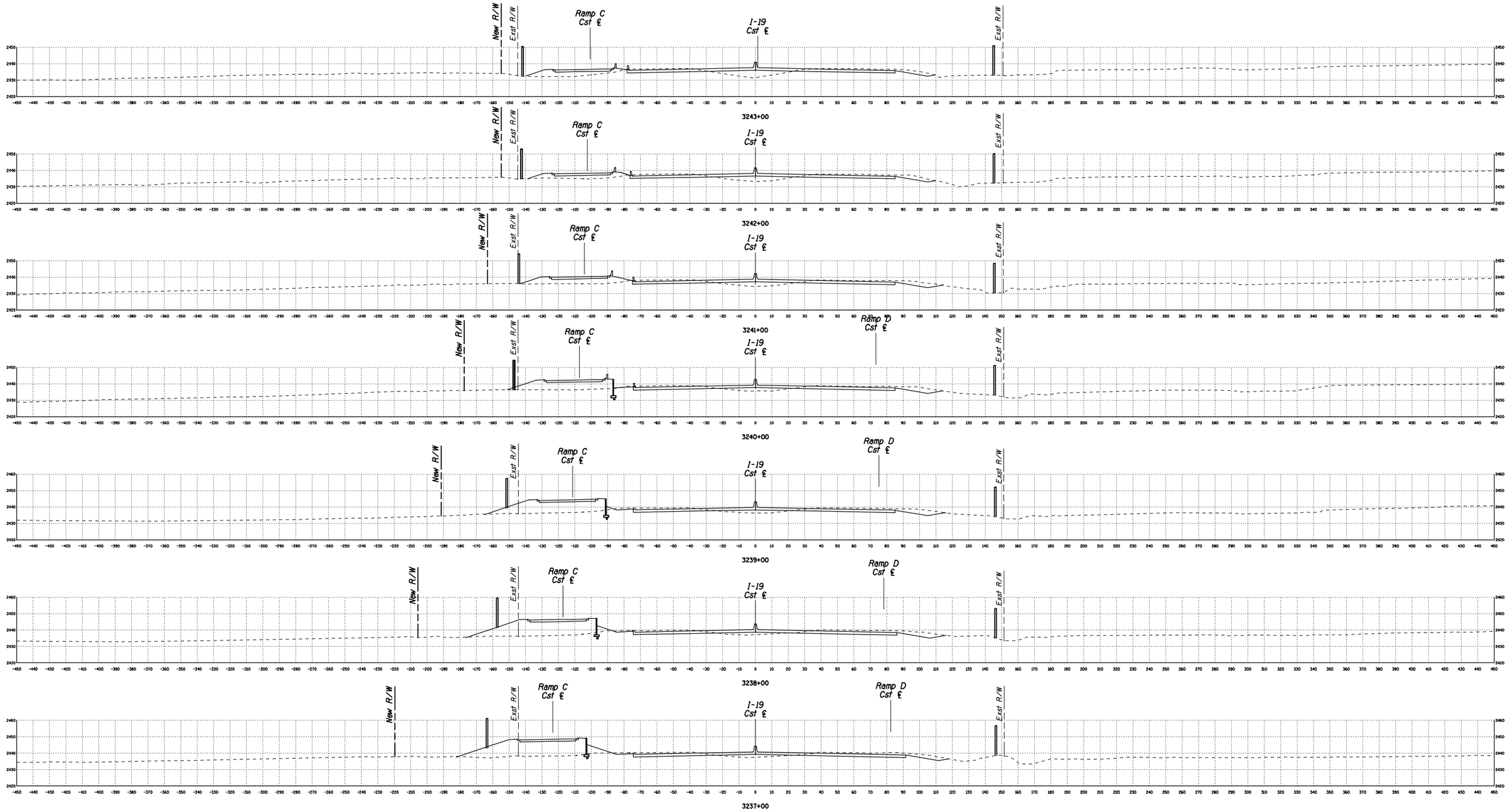
SHEET 44 OF 63

___ OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-044.dgn DATE: 1/16/2012 TIME: 10:11:23 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	45	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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1840 E. RIVER RD, SUITE 300
Tucson, Arizona 85718
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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3237+00 TO STA 3243+00

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DCR
Review
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ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

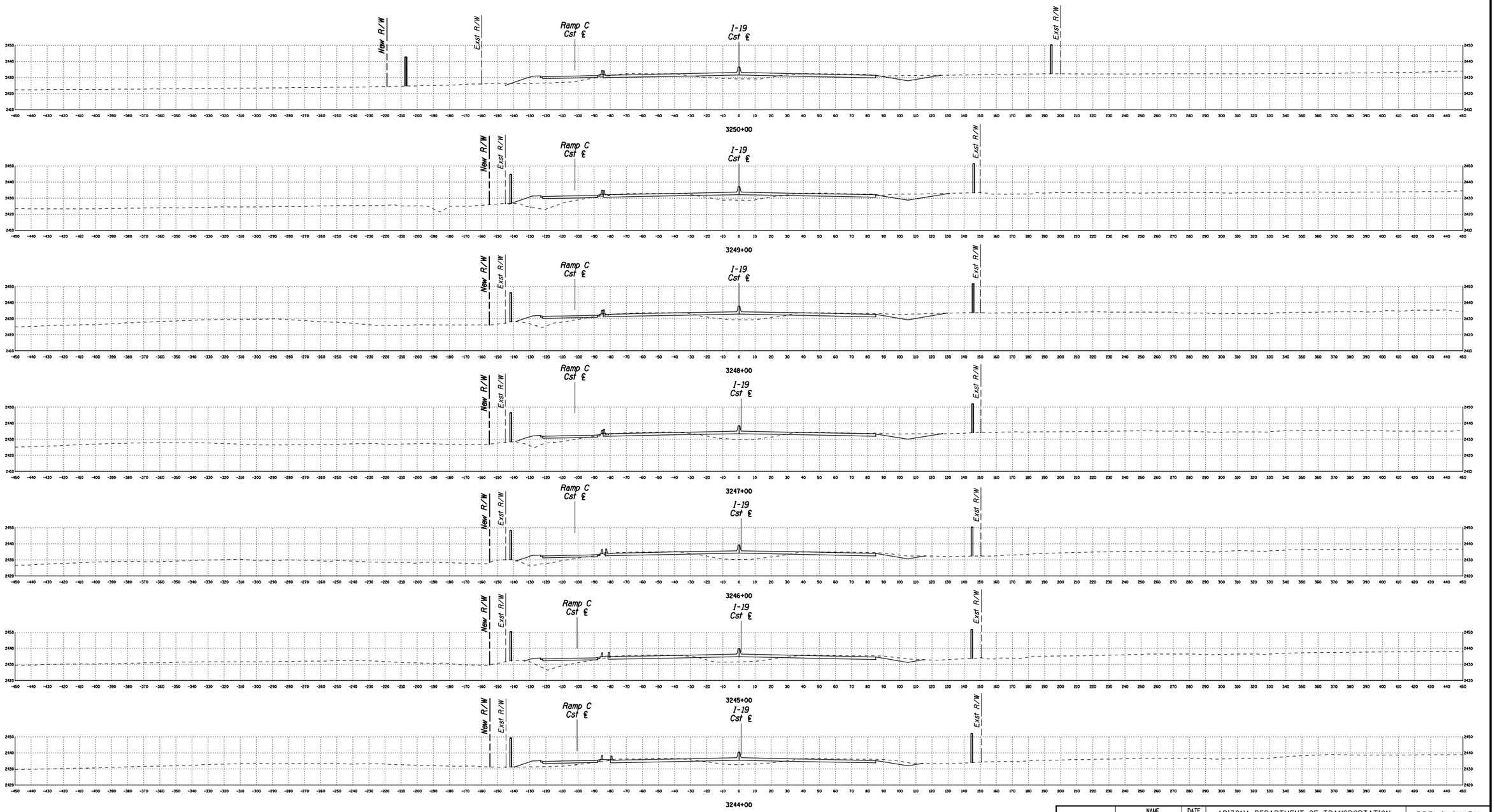
SHEET 45 OF 63

OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-045.dgn DATE: 1/16/2012 TIME: 10:11:26 PM PRINTED BY: Orsinig

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	46	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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1160 E. RIVER RD, SUITE 300
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3244+00 TO STA 3250+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

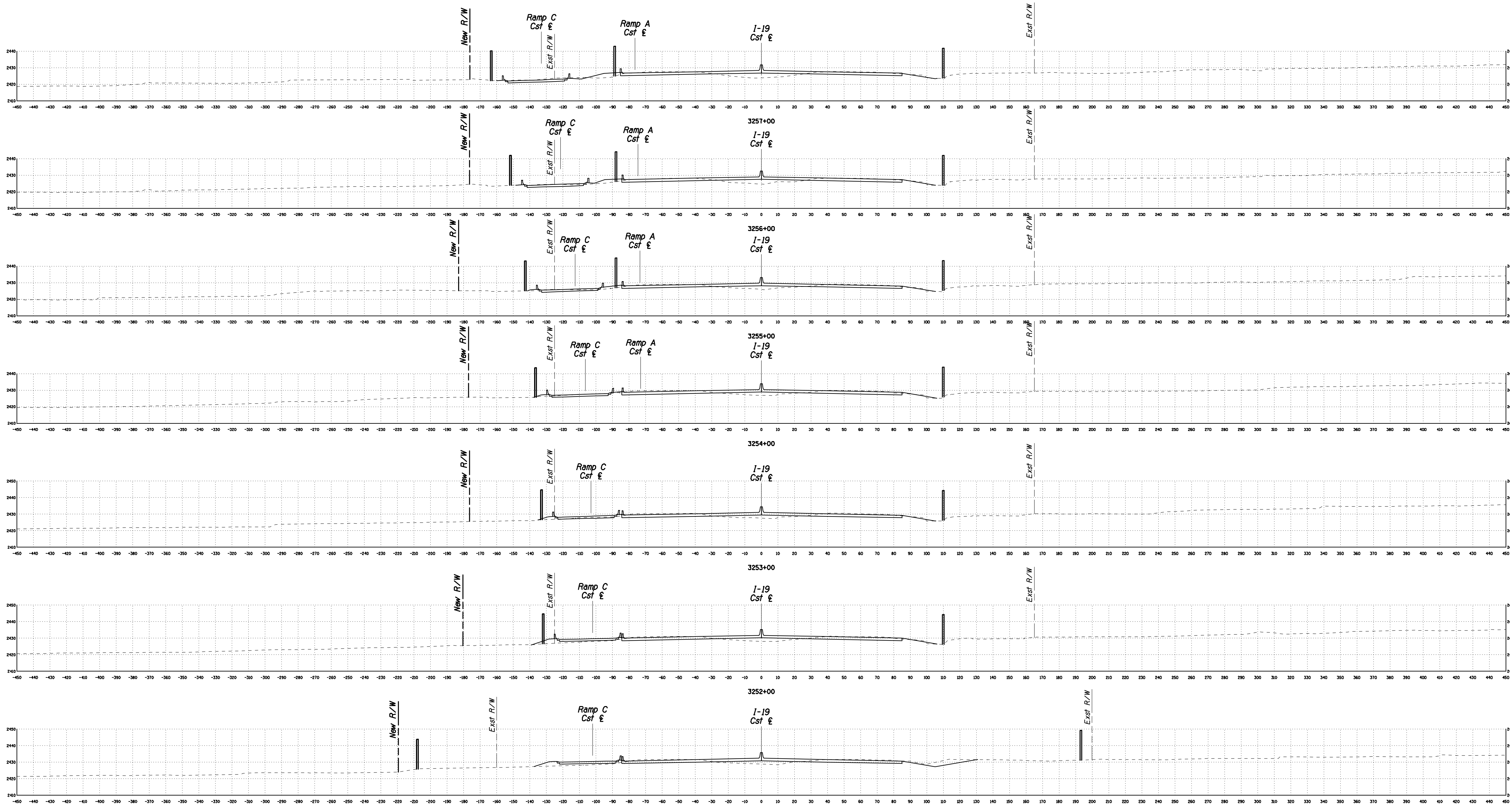
SHEET 46 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | OF 63

DATE- | SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-046.dgn DATE: 1/16/2012 TIME: 10:11:27 PM PRINTED BY: Orsinig

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	47	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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AECOM

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3251+00 TO STA 2357+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

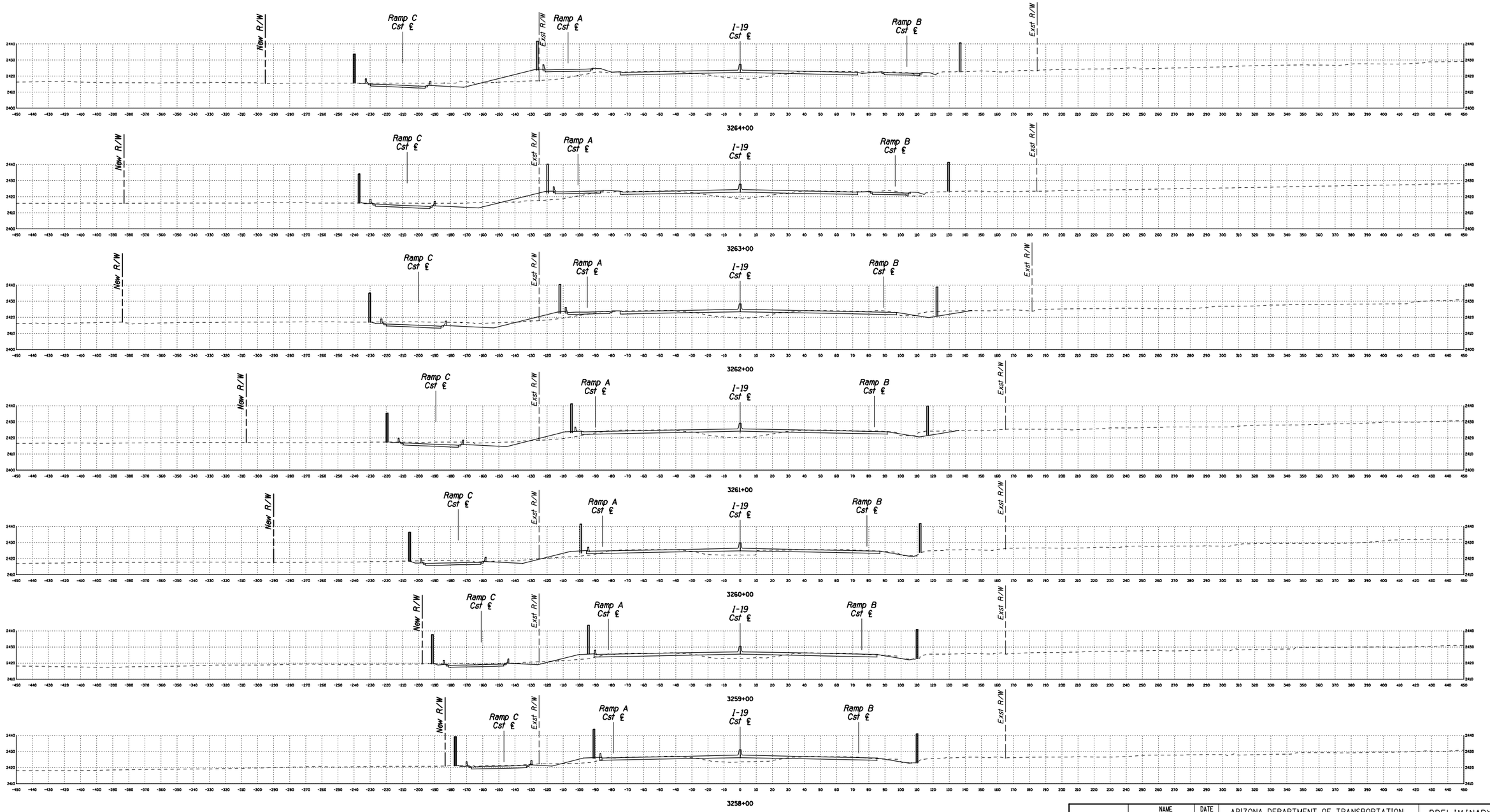
SHEET 47 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | ____ OF 63

DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	48	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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1160 E. RIVER RD., SUITE 300
Tucson, Arizona 85715
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3258+00 TO STA 3264+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

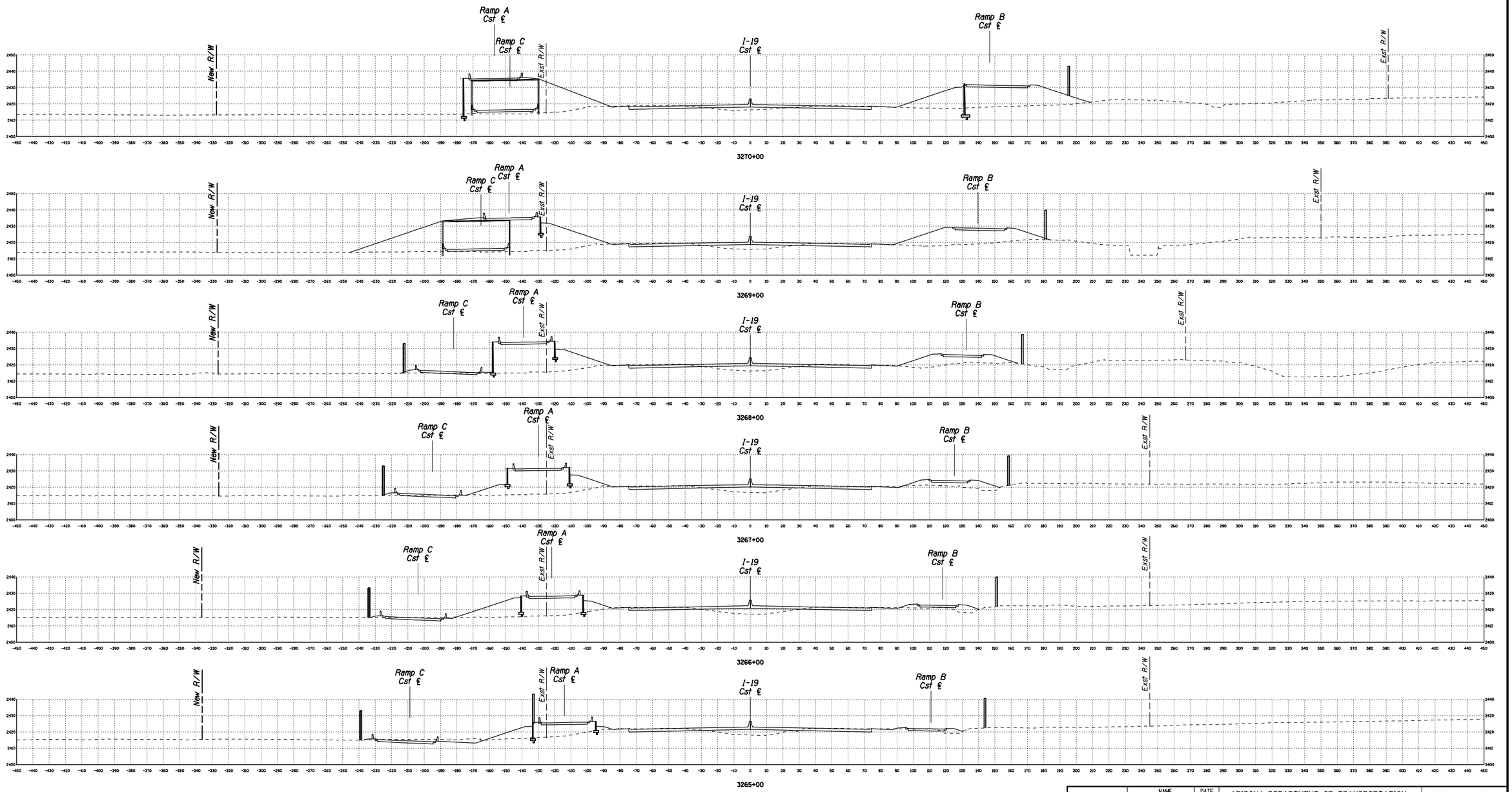
SHEET 48 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | OF 63

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-048.dgn DATE: 1/16/2012 TIME: 10:11:30 PM PRINTED BY: OrsinG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	49	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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AECOM USA, Inc.
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3265+00 TO STA 3270+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

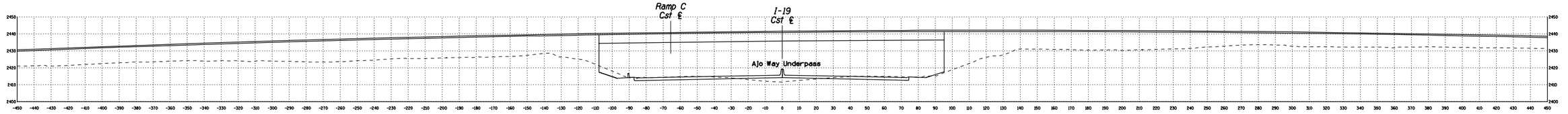
SHEET 49 OF 63

OF 63

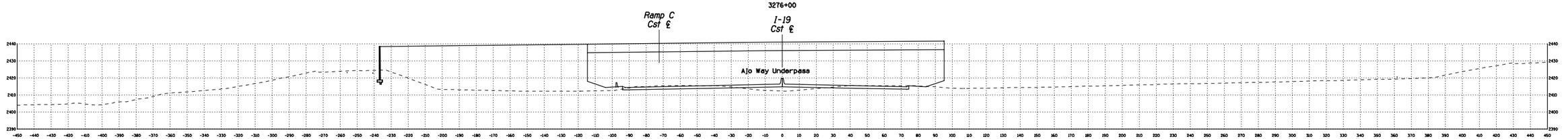
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-049.dgn DATE: 1/16/2012 TIME: 10:11:32 PM PRINTED BY: OrsiniG

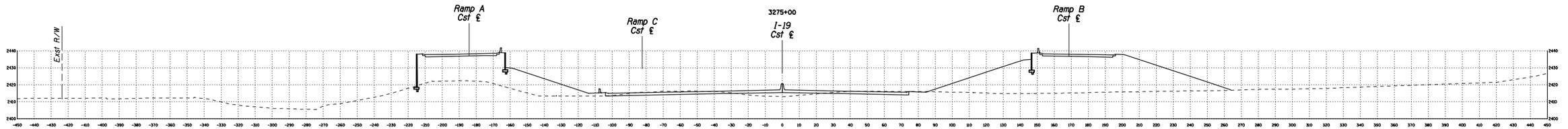
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	50	63	



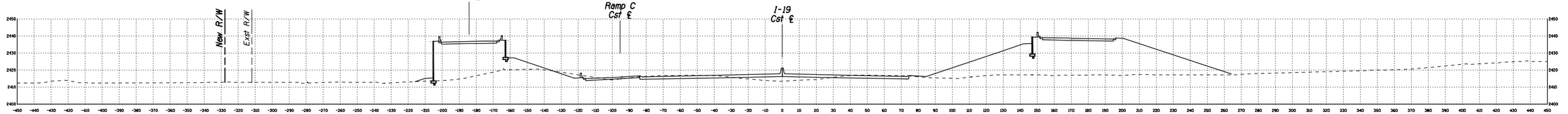
3276+00



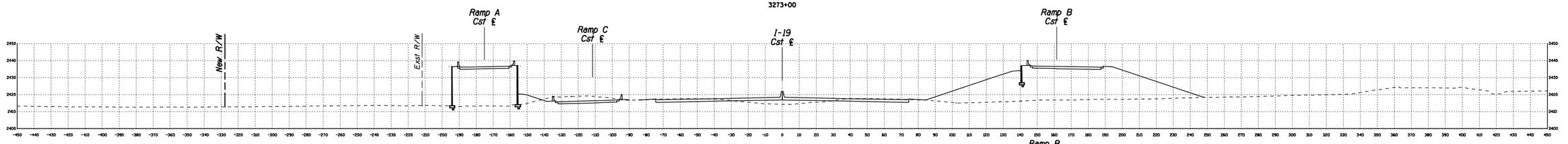
3275+00



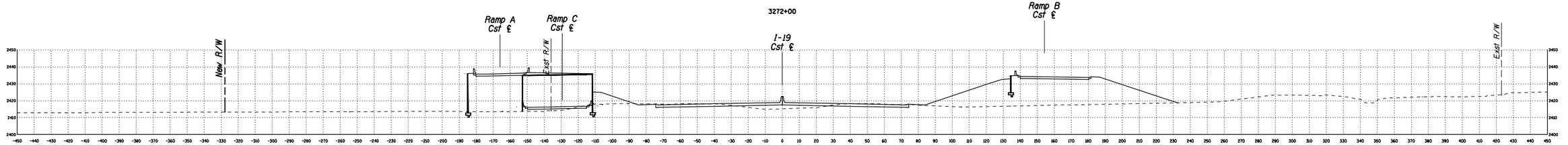
3274+00



3273+00



3272+00



3271+00

	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3271+00 TO STA 3276+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

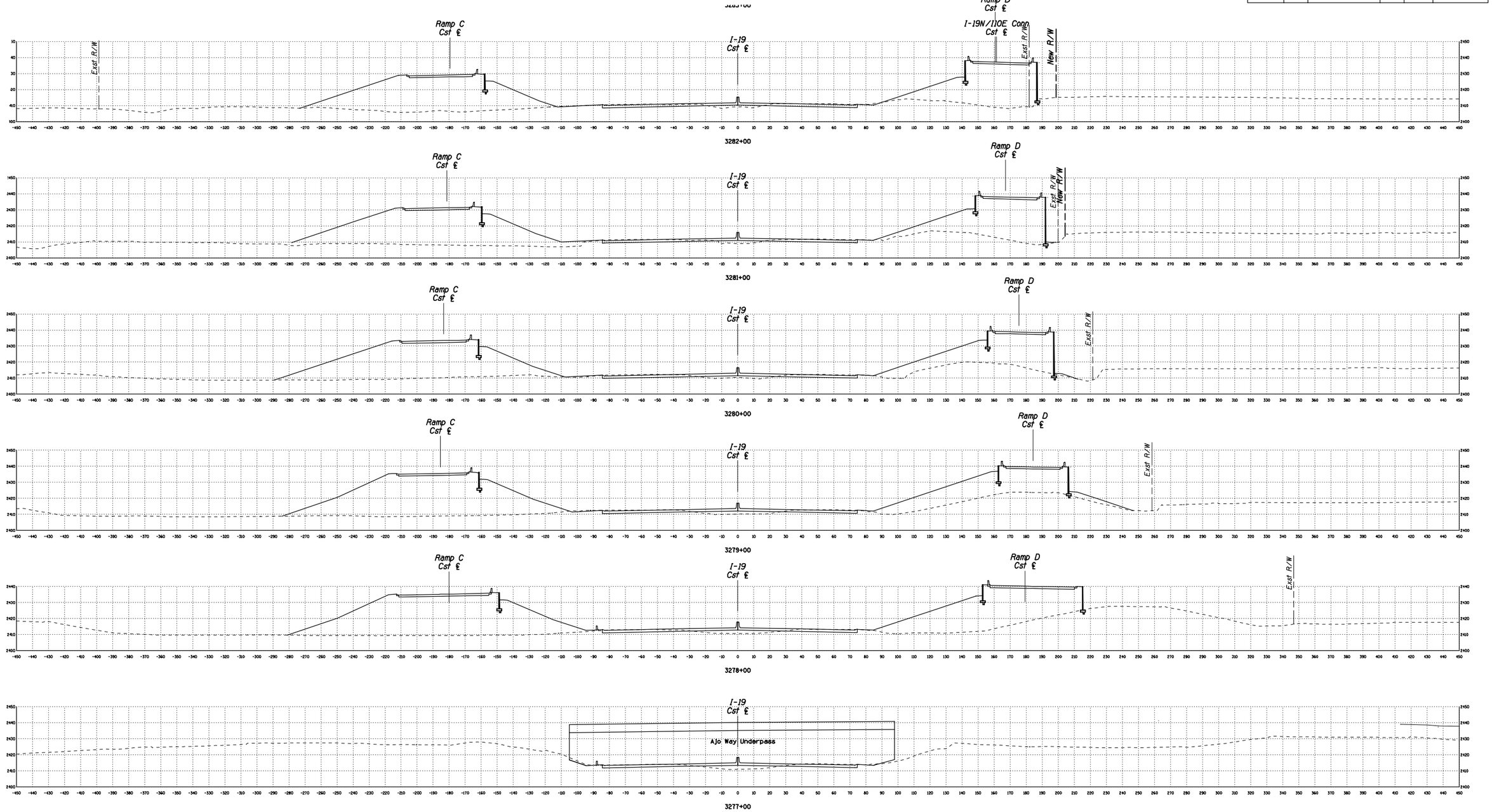
SHEET 50 OF 63

___ OF 63

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE | SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-050.dgn DATE: 1/16/2012 TIME: 10:11:34 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	51	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3277+00 TO STA 3282+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

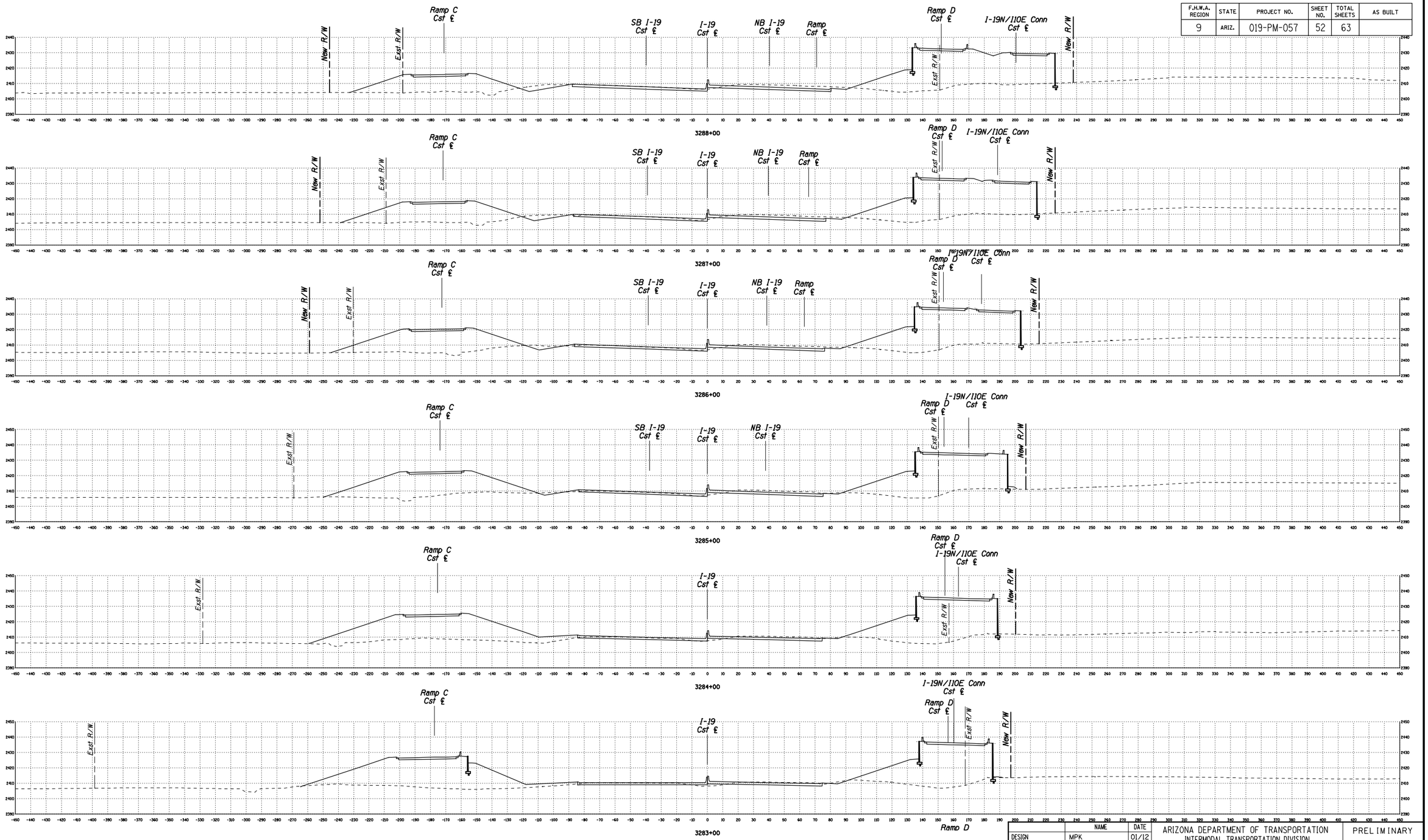
SHEET 51 OF 63

OF 63

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE | SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-051.dgn DATE: 1/16/2012 TIME: 10:11:37 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	52	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3283+00 TO STA 3288+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

TRACS NO.		019-PM-057
H 5105 01 L		

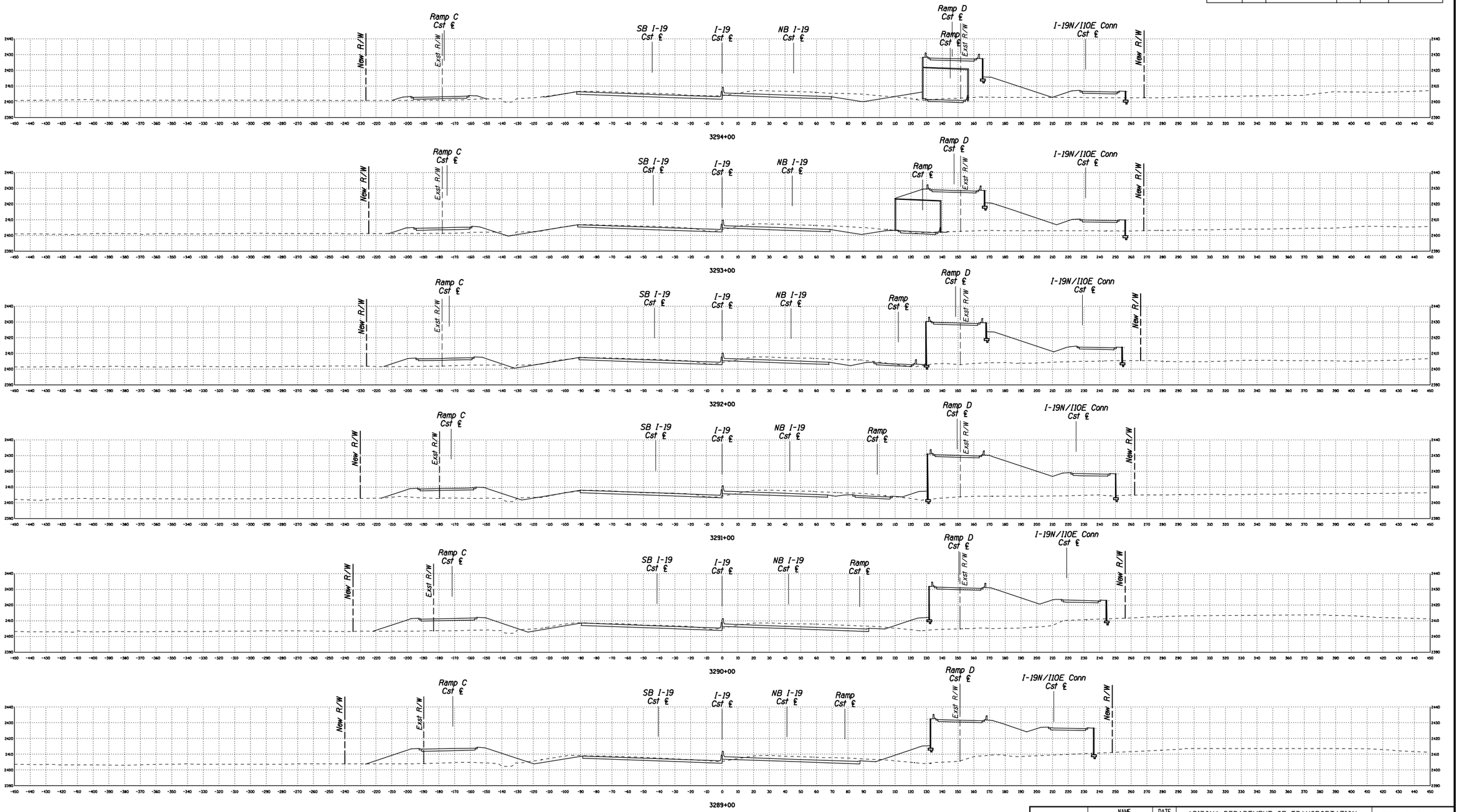
SHEET 52 OF 63

____ OF 63

DATE- | SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-052.dgn DATE: 1/16/2012 TIME: 10:11:39 PM PRINTED BY: OrsinG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	53	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 2389+00 TO STA 3294+00

PRELIMINARY
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Review
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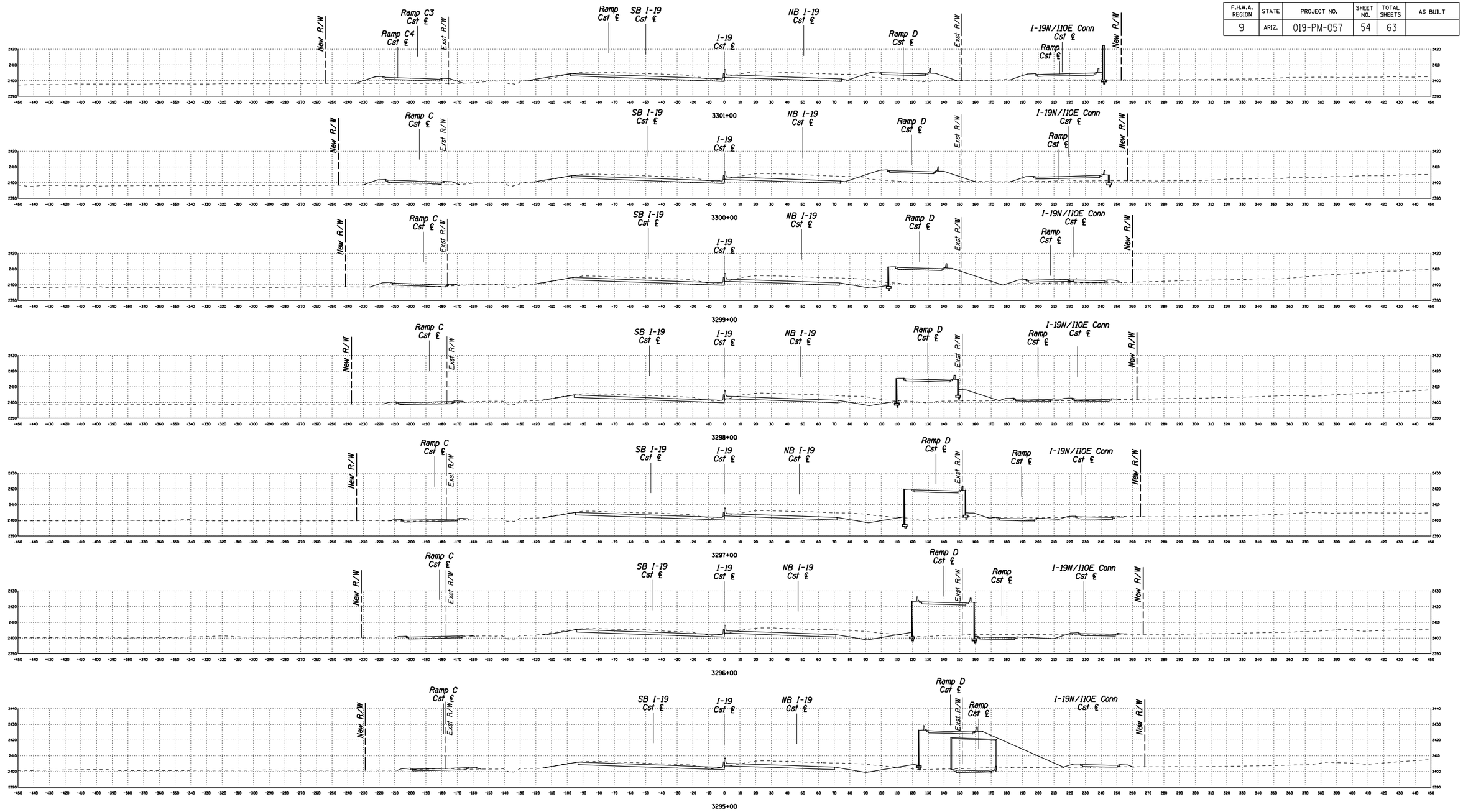
ROUTE	LOCATION	SHEET 53 OF 63
I-19	SAN XAVIER ROAD TO I-10	
TRACS NO. H 5105 01 L		019-PM-057

OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE- | SURVEY NO. | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-053.dgn DATE: 1/16/2012 TIME: 10:11:40 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	54	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3295+00 TO STA 3301+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

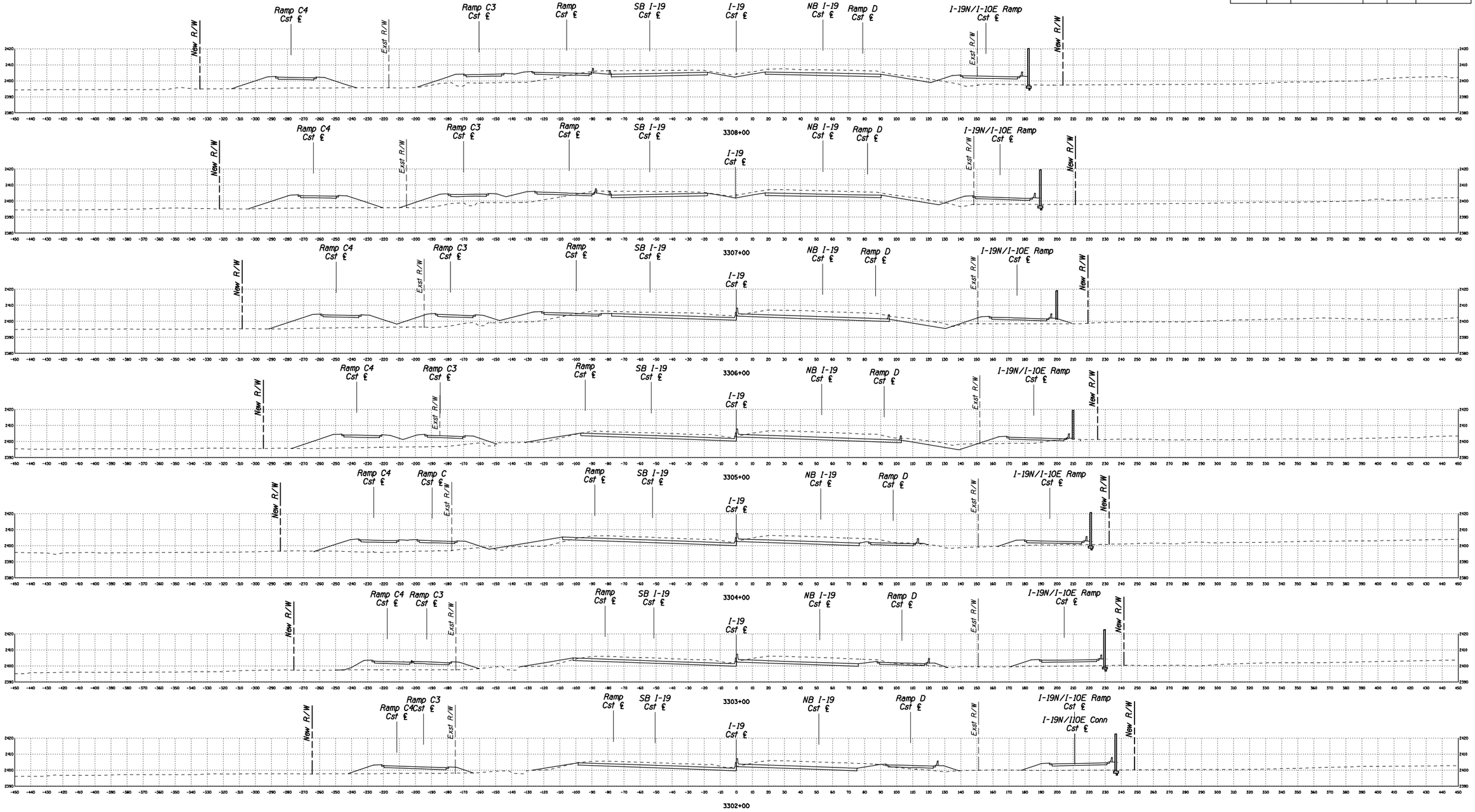
SHEET 54 OF 63

___ OF 63

SURVEY NO. | DATE: | LOCATION: | REVISIONS: | FINISHED PLANS:

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-054.dgn DATE: 1/16/2012 TIME: 10:11:42 PM PRINTED BY: OrsinG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	55	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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1840 E. RIVER RD, SUITE 300
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3302+00 TO STA 3308+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

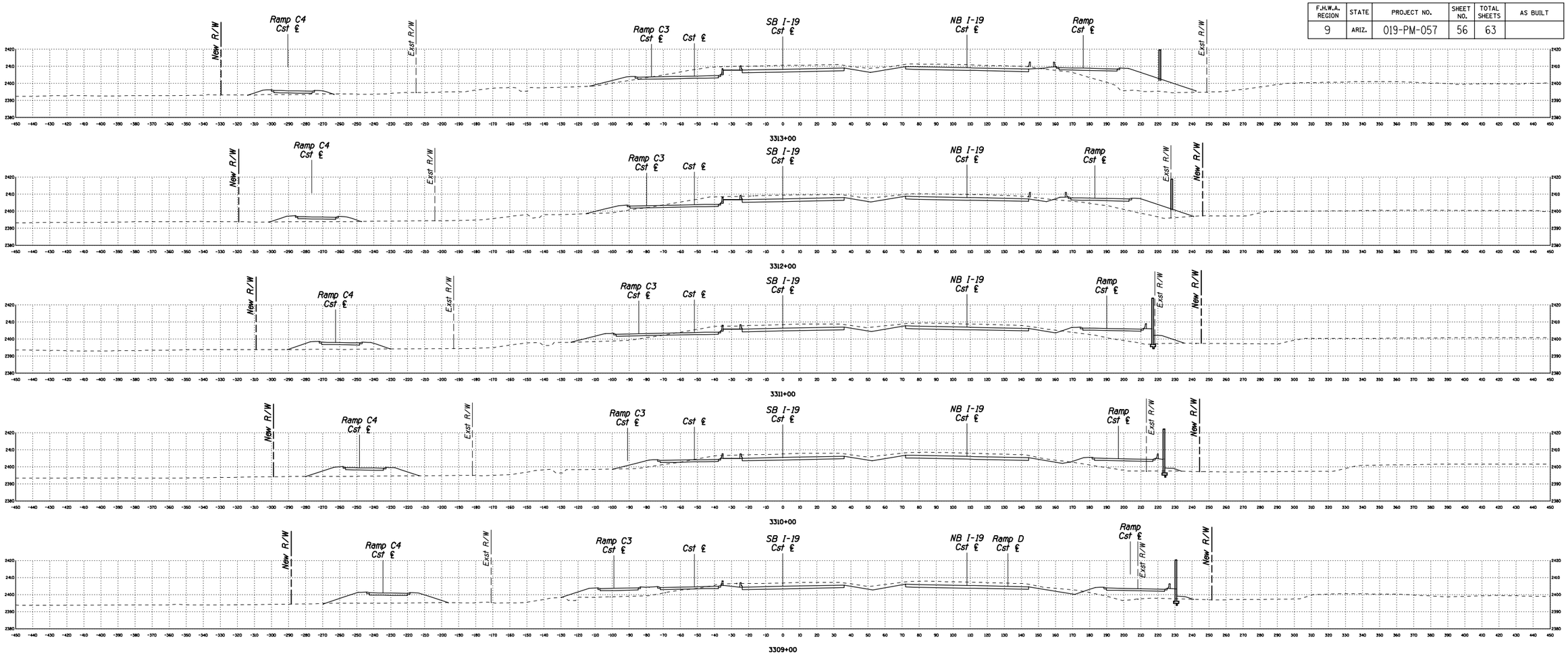
SHEET 55 OF 63

___ OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-055.dgn DATE: 1/16/2012 TIME: 10:11:44 PM PRINTED BY: Orsinig

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	56	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3309+00 TO STA 3313+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

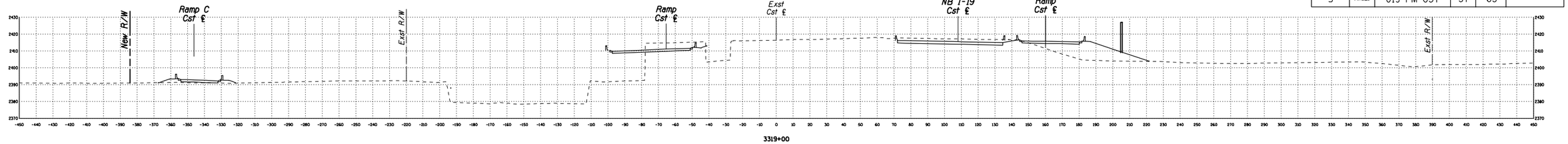
SHEET 56 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | ___ OF 63

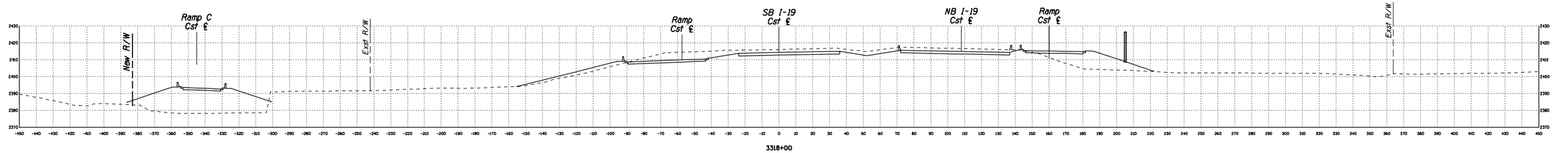
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-056.dgn DATE: 1/16/2012 TIME: 10:11:45 PM PRINTED BY: OrsiniG

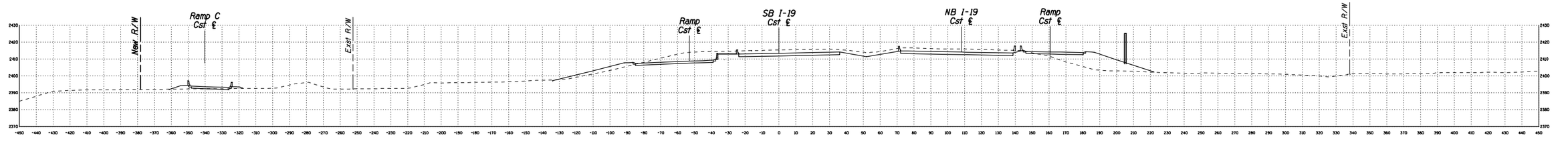
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	57	63	



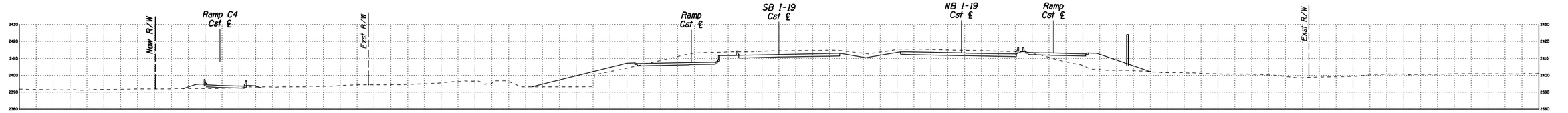
3319+00



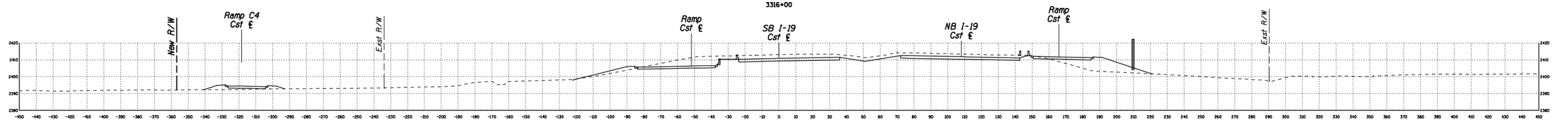
3318+00



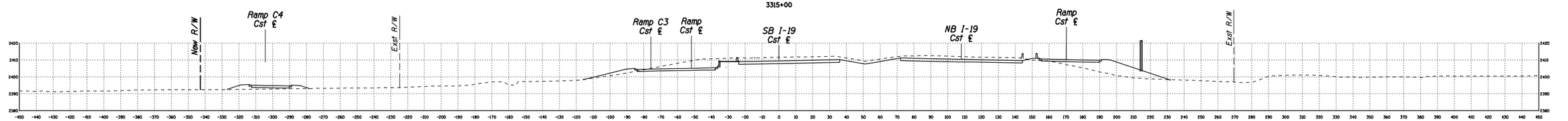
3317+00



3316+00



3315+00



3314+00

	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3314+00 TO STA 3319+00

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

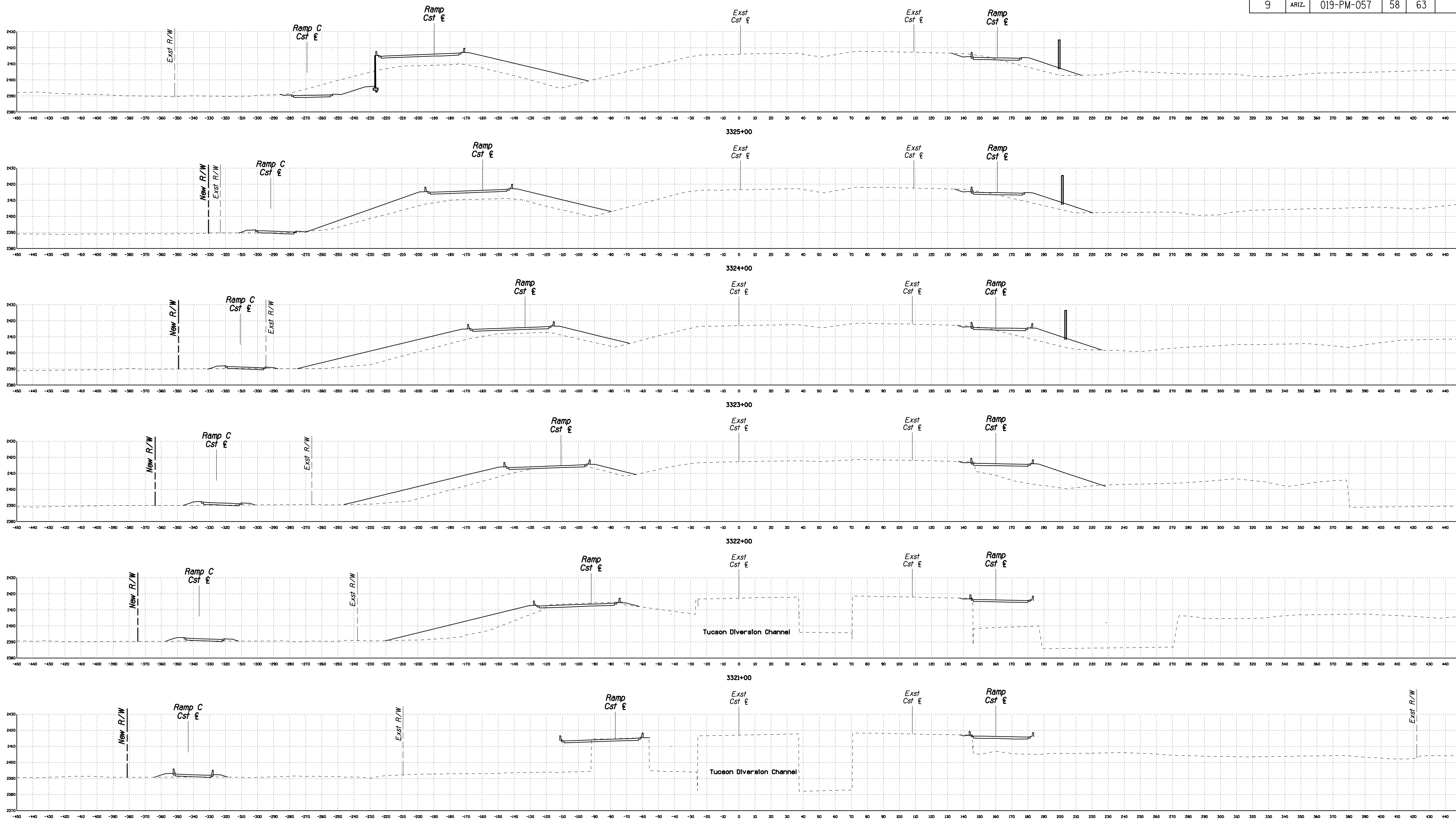
SHEET 57 OF 63

OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-057.dgn DATE: 1/16/2012 TIME: 10:11:47 PM PRINTED BY: Orsinig

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	58	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3320+00 TO STA 3325+00

PRELIMINARY
DCR
Review
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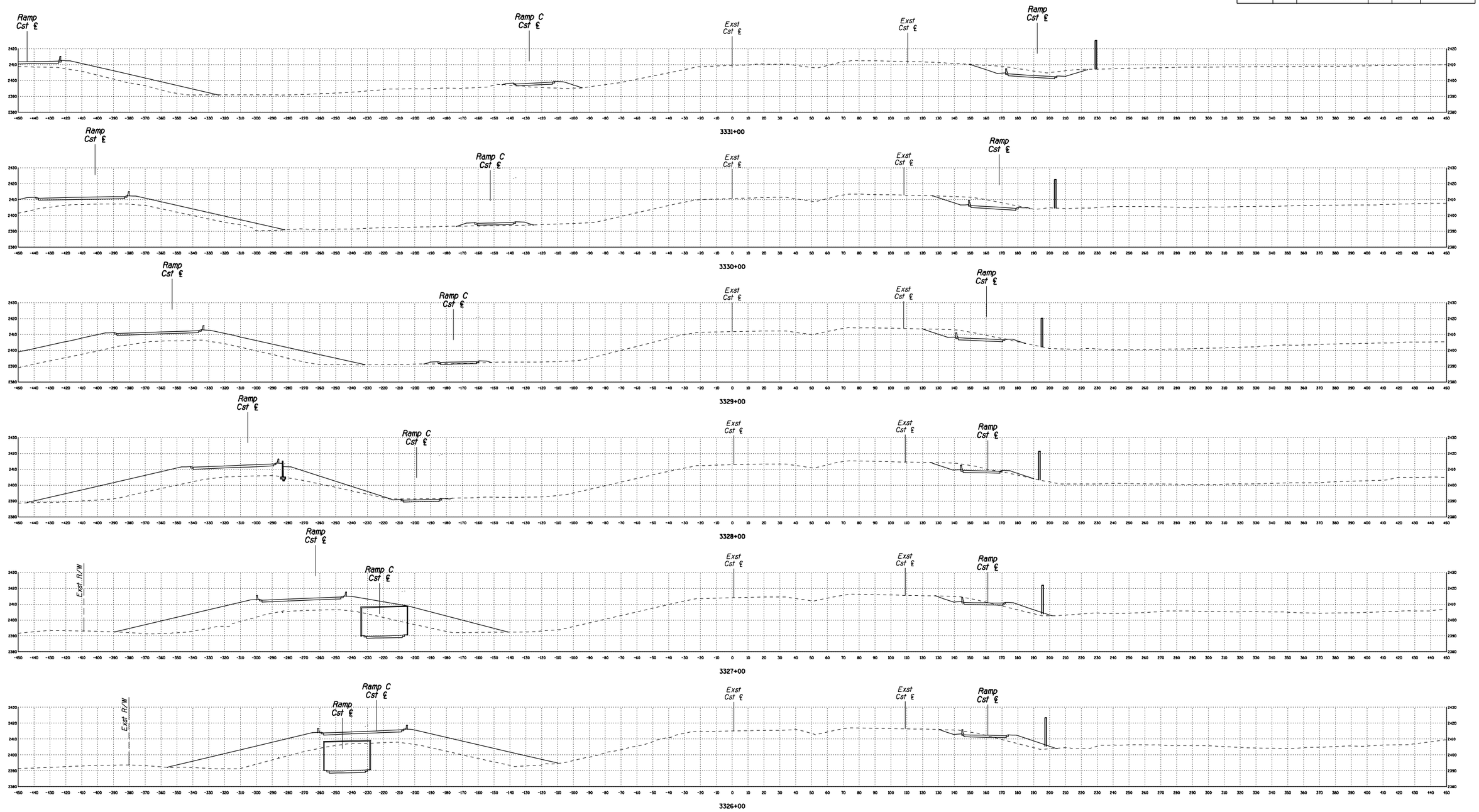
ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

SHEET 58 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | ___ OF 63

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-058.dgn DATE: 1/16/2012 TIME: 10:11:48 PM PRINTED BY: OrsiniG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	59	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3326+00 TO STA 3331+00

PRELIMINARY
DCR
Review
NOT FOR CONSTRUCTION OR RECORDING

ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

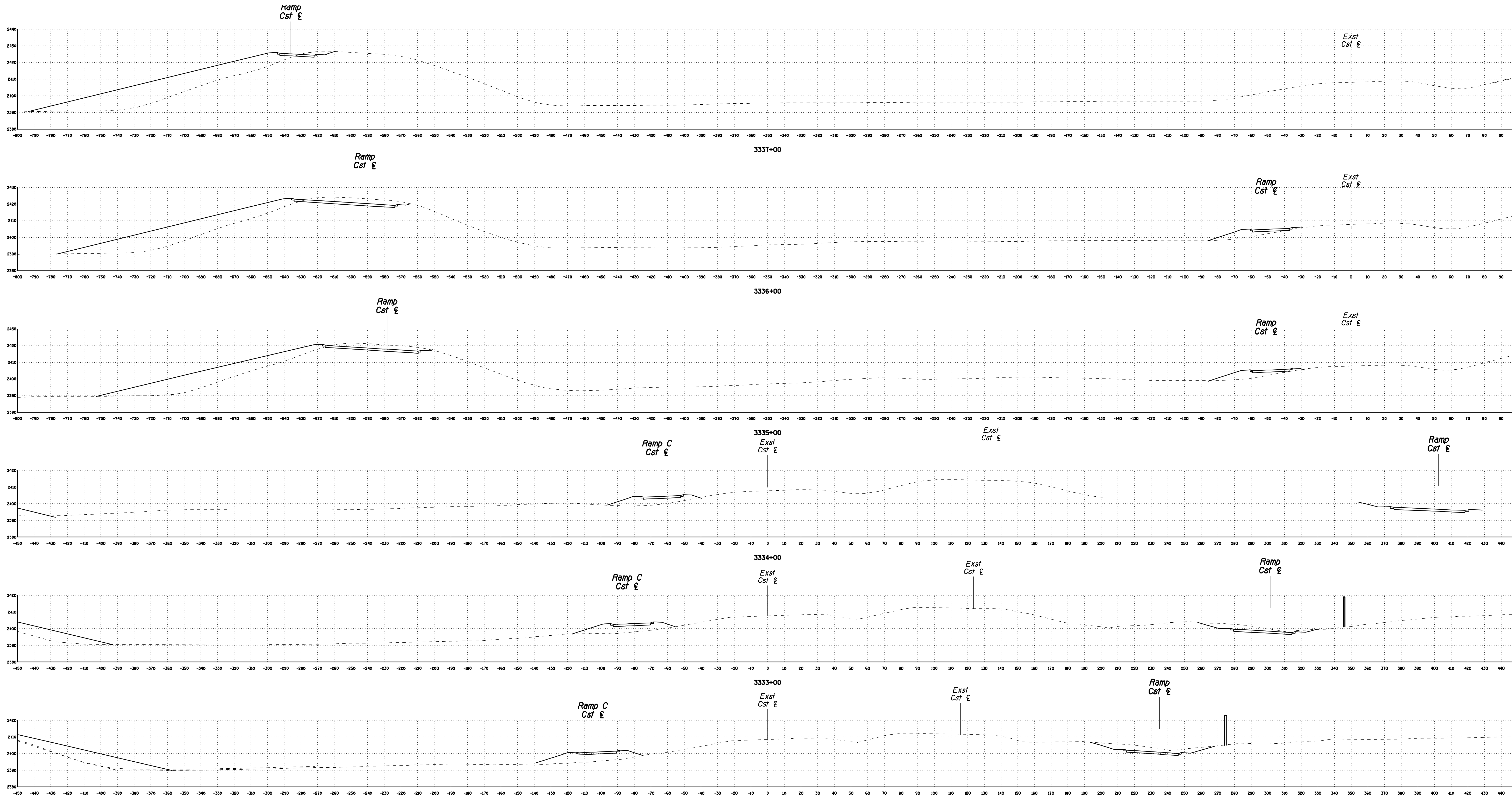
SHEET 59 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | OF 63

SURVEY NO. | DATE: | LOCATION: | REVISIONS: | FINISHED PLANS: | SURVEY NO.

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-059.dgn DATE: 1/16/2012 TIME: 10:11:50 PM PRINTED BY: Orsinig

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	60	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3332+00 TO STA 3337+00

PRELIMINARY
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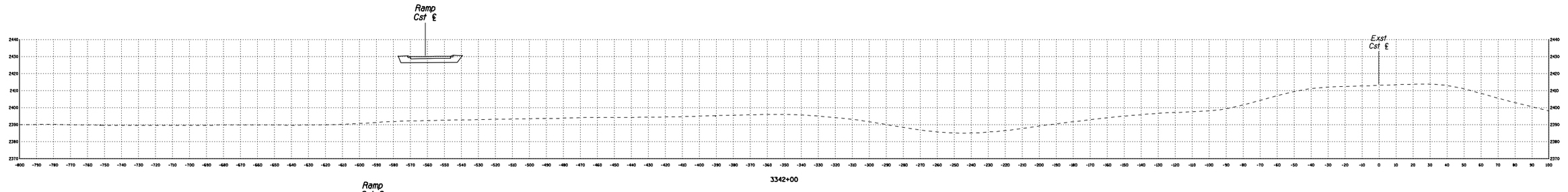
ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10
SHEET 60 OF 63

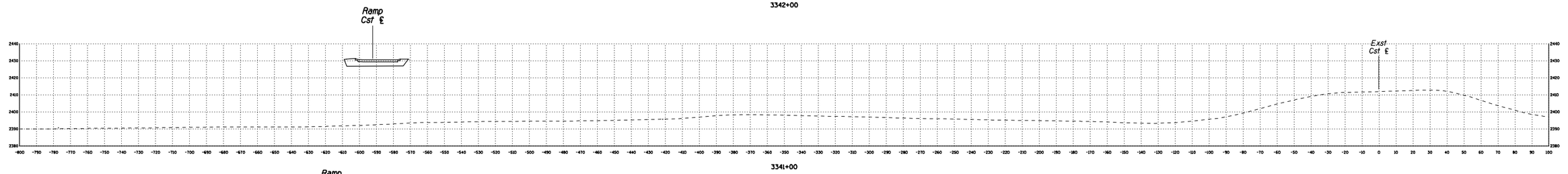
TRACS NO. H 5105 01 L | 019-PM-057 | ___ OF 63

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-060.dgn DATE: 1/16/2012 TIME: 10:11:52 PM PRINTED BY: OrsiniG

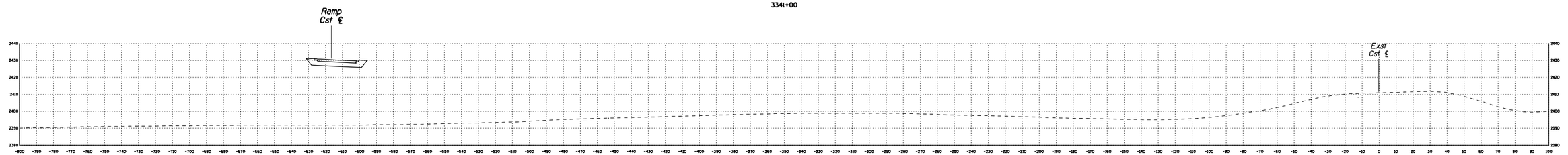
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	61	63	



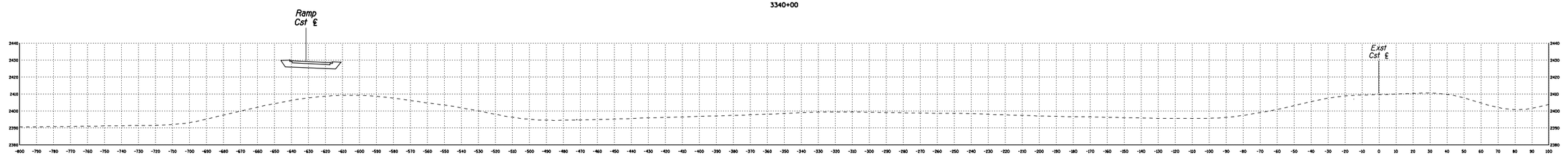
3342+00



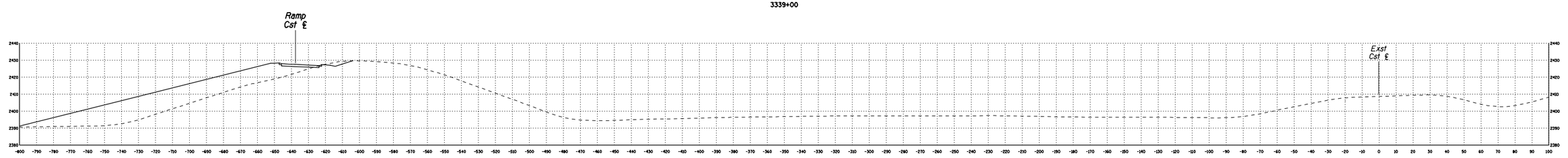
3341+00



3340+00



3339+00



3338+00

	NAME	DATE
DESIGN	MPK	01/12
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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3338+00 TO STA 3342+00

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

PRELIMINARY
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Review
NOT FOR CONSTRUCTION OR RECORDING

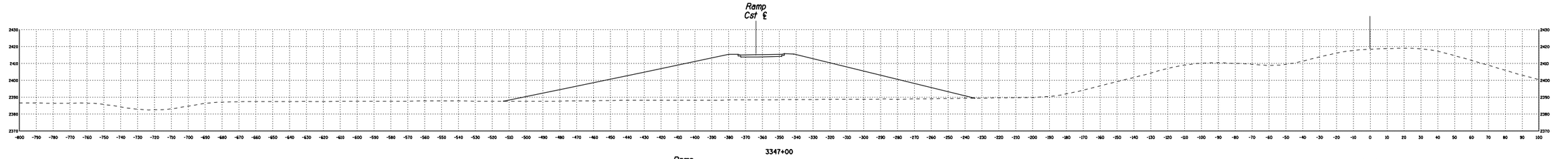
SHEET 61 OF 63

OF 63

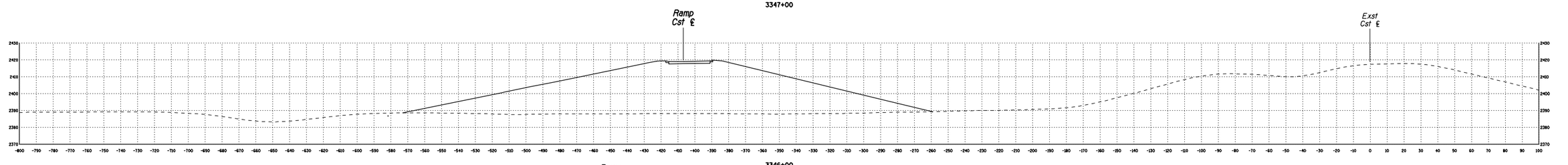
DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

FILE NAME: t:\6310 i-19 stage 11\prod\xsect\h5105XS-061.dgn DATE: 1/16/2012 TIME: 10:11:53 PM PRINTED BY: OrsinG

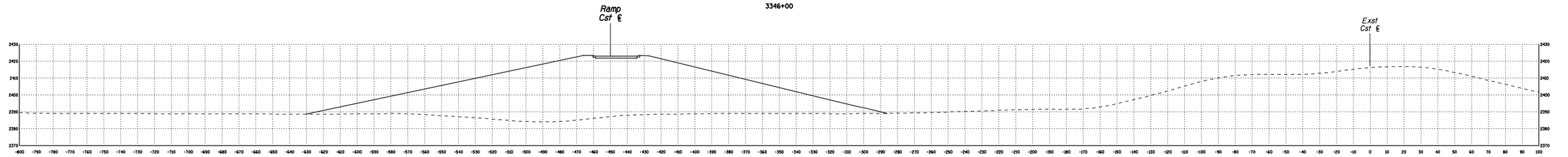
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	62	63	



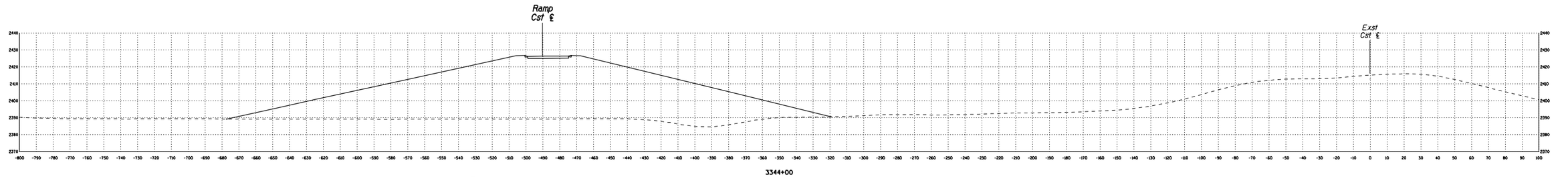
3347+00



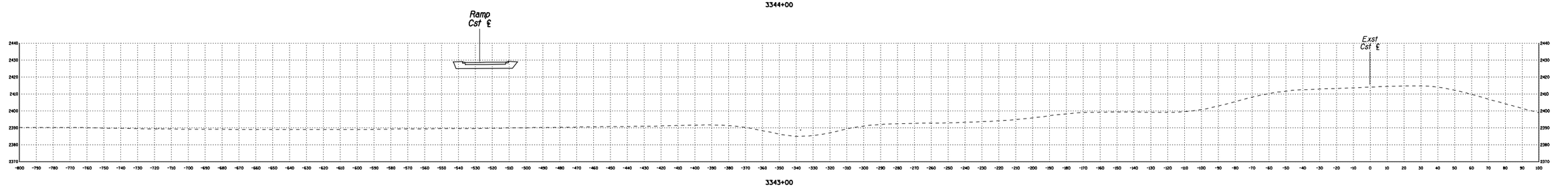
3346+00



3345+00



3344+00



3343+00

	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3343+00 TO STA 3347+00

PRELIMINARY
DCR
Review
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ROUTE	LOCATION
I-19	SAN XAVIER ROAD TO I-10

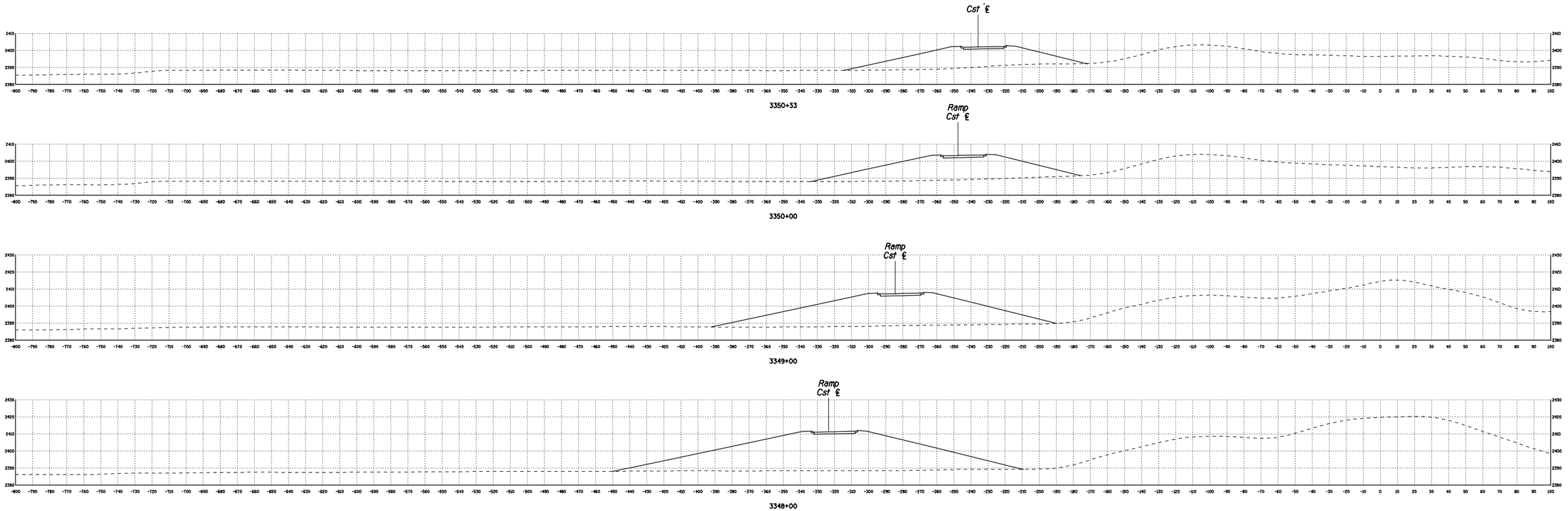
SHEET 62 OF 63

TRACS NO. H 5105 01 L | 019-PM-057 | ___ OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-062.dgn DATE: 1/16/2012 TIME: 10:11:55 PM PRINTED BY: OrsinG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	019-PM-057	63	63	



	NAME	DATE
DESIGN	MPK	01/12
DRAWN	RM	01/12
CHECKED	WDS	01/12

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ROADWAY DESIGN SERVICES

I-19
CROSS SECTIONS
STA 3348+00 TO STA 3350+33

ROUTE: I-19
LOCATION: SAN XAVIER ROAD TO I-10

TRACS NO. H 5105 01 L | 019-PM-057

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NOT FOR CONSTRUCTION OR RECORDING

SHEET 63 OF 63

OF 63

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

FILE NAME: t:\6310 i-19 stage ii\prod\xsect\h5105XS-063.dgn DATE: 1/16/2012 TIME: 10:11:56 PM PRINTED BY: Orsinig