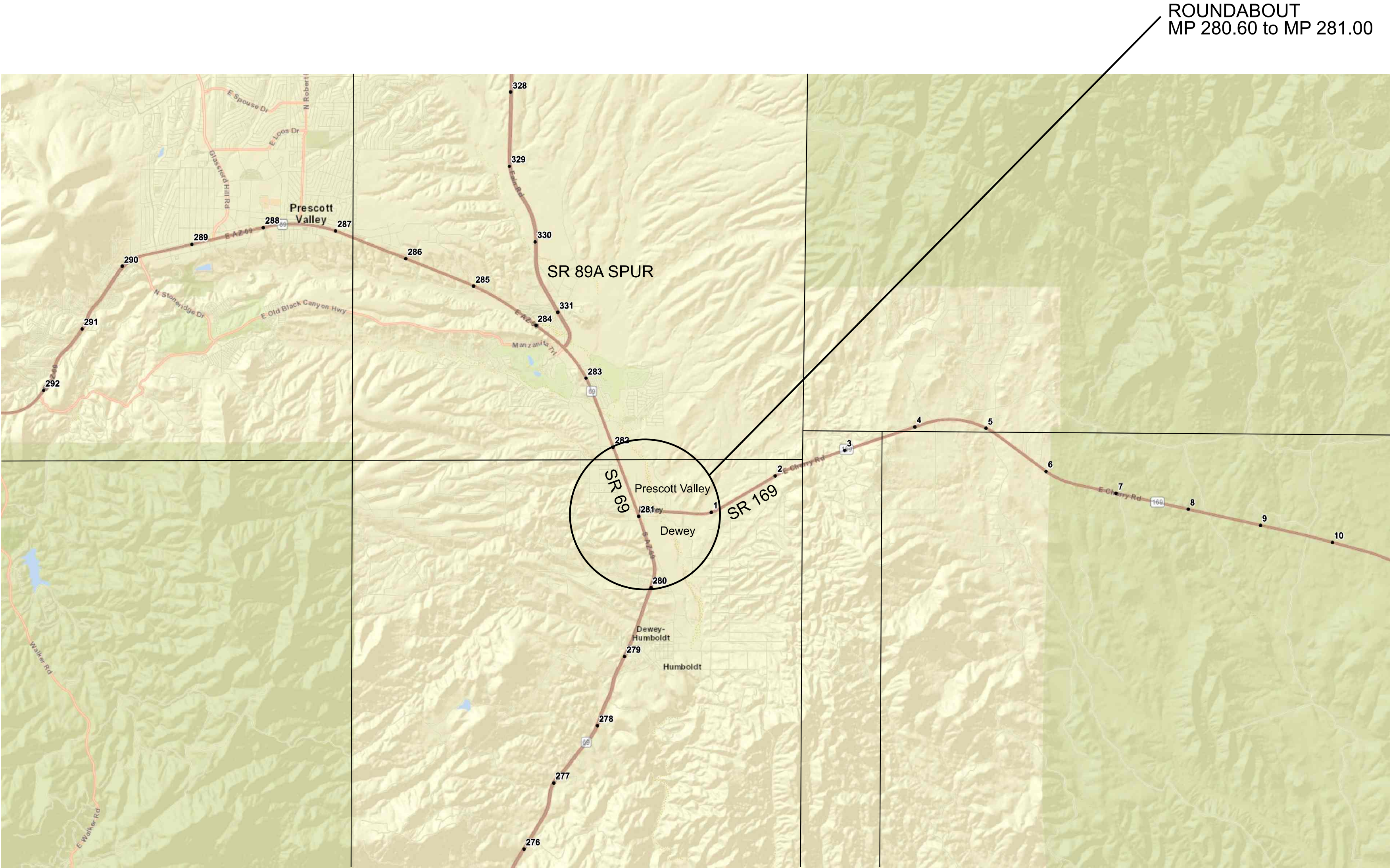
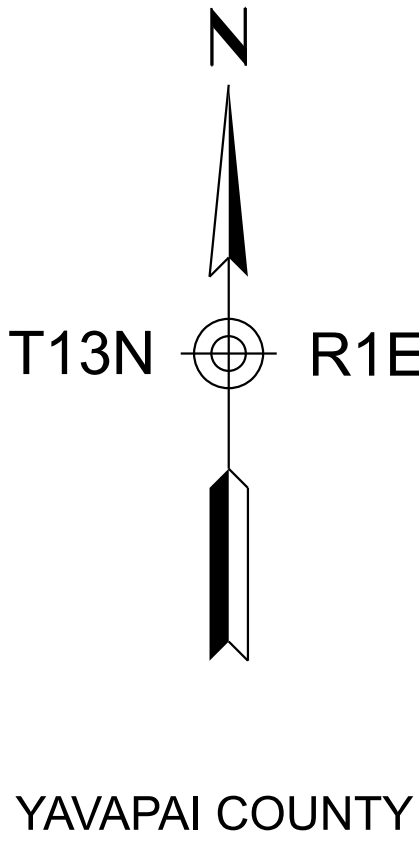
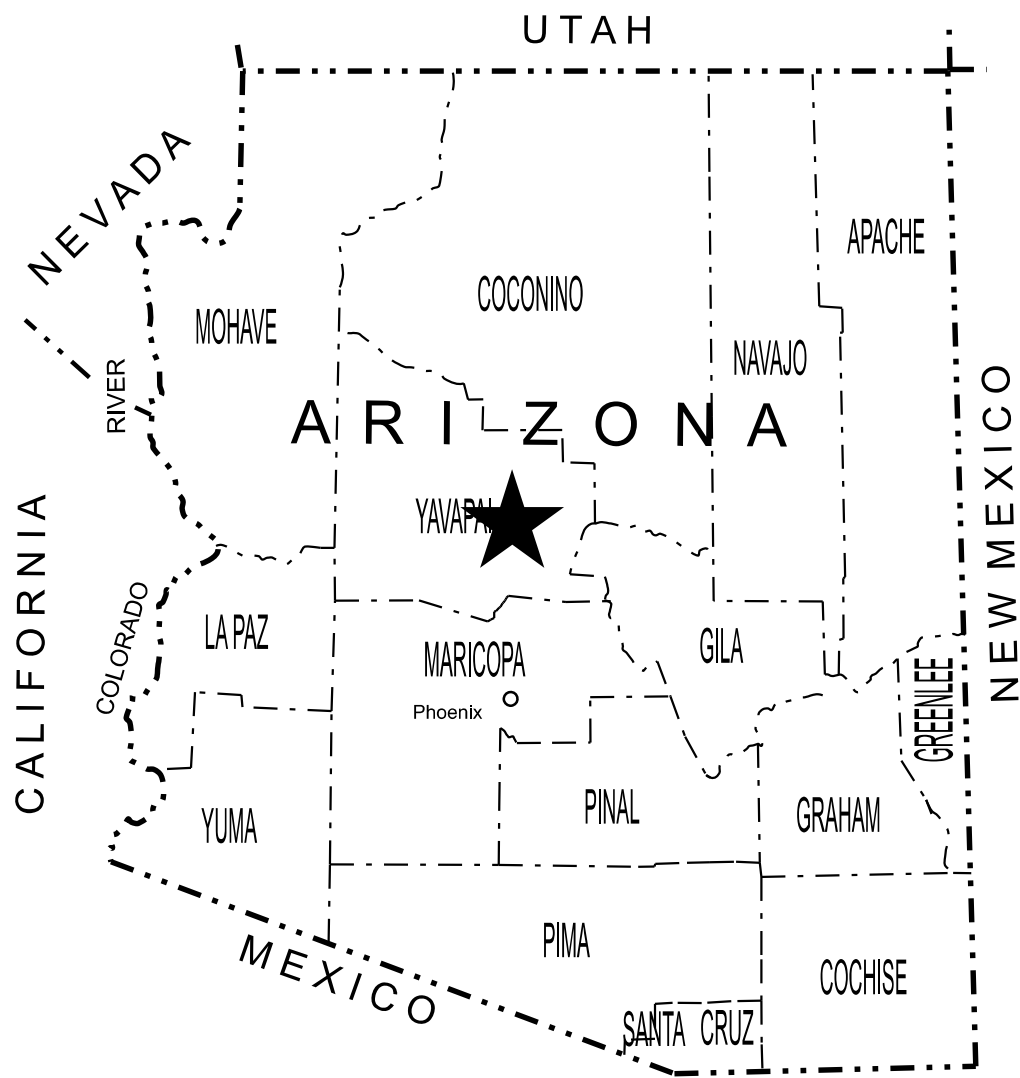


STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT PLANS



STATE HIGHWAY
CORDES JCT-PRESCOTT HIGHWAY (SR 69)



SR 69 @ SR 169
PROJECT NO. 069 YV 280 F0288 01C
069-A-NFA

Constructed by:

Construction Company

Completion Date

Red-Lines by:

Construction Administrator Name & Company

Completion Date

Record Drawings by:

Record Drawings Designer Name & Company

Completion Date

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
AUDRA MERRICK, P.E., STATE ENGINEER

REC. DWGS. DATA	REC. DWG. DATE	OF
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ADOT STANDARD DRAWINGS

CONSTRUCTION STANDARDS
EFFECTIVE MARCH 2025

DATE	STANDARD	SUBJECT TITLE
5/12	C-01.10 SH 1	SYMBOL LEGEND
5/12	C-01.10 SH 2	SYMBOL LEGEND
5/12	C-01.10 SH 3	SYMBOL LEGEND
5/12	C-01.10 SH 4	SYMBOL LEGEND
12/17	C-01.30 SH 1	GENERAL ABBREVIATIONS
5/12	C-01.30 SH 2	GENERAL ABBREVIATIONS
5/12	C-01.30 SH 3	GENERAL ABBREVIATIONS
5/12	C-02.10	SLOPES, RURAL DIVIDED HIGHWAYS
5/12	C-02.20	SLOPES, RURAL UNDIVIDED AND FRINGE-URBAN HIGHWAYS
5/12	C-02.30	SLOPES, MISCELLANEOUS ROADWAYS
5/12	C-03.10 SH 1	DITCHES, CHANNELS, DIKES AND BERMS, DITCHES AND CHANNELS
5/12	C-03.10 SH 2	DITCHES, CHANNELS, DIKES AND BERMS, DIKES
5/12	C-03.10 SH 3	DITCHES, CHANNELS, DIKES AND BERMS, DITCH DIKE
5/12	C-03.10 SH 4	DITCHES, CHANNELS, DIKES AND BERMS, PIPE BERMS
5/12	C-03.10 SH 5	DITCHES, CHANNELS, DIKES AND BERMS, HEADWALL BERMS
12/17	C-04.10 SH 1	SPILLWAY, EMBANKMENT SINGLE INLET
12/17	C-04.10 SH 2	SPILLWAY, EMBANKMENT DOUBLE INLET
12/17	C-04.20 SH 1	DOWNDRAIN, EMBANKMENT SINGLE INLET
12/17	C-04.20 SH 2	DOWNDRAIN, EMBANKMENT DOUBLE INLET
12/17	C-04.30	SPILLWAY LENGTH TABLE
12/17	C-04.40	DOWNDRAIN LENGTH TABLE
5/12	C-04.50	DOWNDRAIN ENERGY DISSIPATOR
5/12	C-05.10	CURB & GUTTER, CURB, GUTTER
5/12	C-05.12 SH 1	CURB & GUTTER TRANSITIONS
5/12	C-05.12 SH 2	CURB & GUTTER TRANSITIONS
5/12	C-05.12 SH 3	CURB AND GUTTER TRANSITIONS
5/12	C-05.20 SH 1	CONCRETE DRIVEWAYS & SIDEWALKS, DRIVEWAYS
5/12	C-05.20 SH 2	CONCRETE DRIVEWAYS & SIDEWALKS, SIDEWALKS
5/12	C-05.30 SH 1	SIDEWALK RAMP, TYPE A
5/12	C-05.30 SH 2	SIDEWALK RAMP, TYPE B
5/12	C-05.30 SH 3	SIDEWALK RAMP, TYPE C
5/12	C-05.30 SH 4	SIDEWALK RAMP, TYPE D
5/12	C-05.30 SH 5	SIDEWALK RAMP, TYPE E
5/12	C-05.30 SH 6	SIDEWALK RAMP, TYPE F
5/12	C-05.30 SH 7	SIDEWALK RAMP, DETECTABLE WARNING STRIP
5/12	C-05.40	MEDIAN PAVING AND NOSE TAPER
5/12	C-05.50	CONCRETE BUS BAY
5/12	C-06.10 SH 1	DRIVEWAY & TURNOUT LAYOUTS
5/12	C-06.10 SH 2	DRIVEWAY & TURNOUT LAYOUTS
5/12	C-07.01 SH 1	PCCP JOINTS
5/12	C-07.01 SH 2	PCCP JOINTS
5/12	C-07.02	LOAD TRANSFER DOWEL ASSEMBLY
5/12	C-07.03 SH 1	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS
5/12	C-07.03 SH 2	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS
5/12	C-07.03 SH 3	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS
5/12	C-07.03 SH 4	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS
5/12	C-07.03 SH 5	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS
5/12	C-07.03 SH 6	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS
5/12	C-07.03 SH 7	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS
5/12	C-07.03 SH 8	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS
5/12	C-07.04 SH 1	PCCP JOINT LOCATIONS, PARALLEL-TYPE ENTRANCE RAMP WITH AUXILIARY LANE
5/12	C-07.04 SH 2	PCCP JOINT LOCATIONS, PARALLEL-TYPE EXIT RAMP WITH AUXILIARY LANE
5/12	C-07.04 SH 3	PCCP JOINT LOCATIONS, TAPER-TYPE ENTRANCE RAMP
5/12	C-07.04 SH 4	PCCP JOINT LOCATIONS, TAPER-TYPE EXIT RAMP
5/12	C-07.04 SH 5	PCCP JOINT LOCATIONS, CROSSROAD AND RAMP TERMINI
8/21	C-07.06	TRENCH BACKFILL AND PAVEMENT REPLACEMENT
5/12	C-08.20	PAVED GORE AREA
12/17	C-10.00	GUARDRAIL MEASUREMENT LIMITS
12/17	C-10.01	GUARDRAIL INSTALLATION
12/17	C-10.03	W-BEAM GUARDRAIL, MGS BLOCKED-OUT TIMBER POST
12/17	C-10.04	W-BEAM GUARDRAIL, MGS BLOCKED-OUT STEEL POST
12/17	C-10.05 SH 1	W-BEAM GUARDRAIL (MODIFIED) WITH FREEWAY CURB AND GUTTER
12/17	C-10.05 SH 2	W-BEAM GUARDRAIL (MODIFIED) WITH FREEWAY CURB AND GUTTER
12/17	C-10.06	W-BEAM GUARDRAIL LONG-SPAN
12/17	C-10.07 SH 1	W-BEAM GUARDRAIL, BOX CULVERT GUARDRAIL POST
12/17	C-10.07 SH 2	W-BEAM GUARDRAIL, BOX CULVERT GUARDRAIL POST
12/17	C-10.08 SH 1	W-BEAM GUARDRAIL, END ANCHOR
12/17	C-10.08 SH 2	W-BEAM GUARDRAIL, END ANCHOR
12/17	C-10.09	GUARDRAIL POST ROCK INSTALLATION
4/19	C-10.20 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR SOFTSTOP
4/19	C-10.20 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR SOFTSTOP
4/19	C-10.21 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR MSKT
4/19	C-10.21 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR MSKT
4/19	C-10.22 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR MAX-TENSION
4/19	C-10.22 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR MAX-TENSION
4/21	C-10.23 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR SGET
4/21	C-10.23 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR SGET
3/25	C-10.24 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR NGT
3/25	C-10.24 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR NGT
11/19	C-10.26 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR MFLEAT
11/19	C-10.26 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR MFLEAT
12/17	C-10.30 SH 1	GUARDRAIL TRANSITION TO CONCRETE BARRIER, TIMBER POST
12/17	C-10.30 SH 2	GUARDRAIL TRANSITION TO CONCRETE BARRIER, TIMBER POST
12/17	C-10.31 SH 1	GUARDRAIL TRANSITION TO CONCRETE BARRIER, STEEL POST
12/17	C-10.31 SH 2	GUARDRAIL TRANSITION TO CONCRETE BARRIER, STEEL POST
12/17	C-10.38 SH 1	GUARDRAIL TAPER G4 TO MGS W-BEAM WITH STAGGERED POST
12/17	C-10.38 SH 2	GUARDRAIL TAPER G4 TO MGS W-BEAM WITH OFFSET RAIL
12/17	C-10.40	CONCRETE MEDIAN BARRIER, 32" TYPE 'F', CAST-IN-PLACE
12/17	C-10.41	CONCRETE MEDIAN BARRIER, 42" TYPE 'F', CAST-IN-PLACE
12/17	C-10.44 SH 1	CONCRETE MEDIAN BARRIER, 42" TYPE 'F'WITH VARIABLE HEIGHT SIDES, H=0"TO 26"
12/17	C-10.44 SH 2	CONCRETE MEDIAN BARRIER, 42" TYPE 'F'WITH VARIABLE HEIGHT SIDES, H=0"TO 26"
12/17	C-10.45 SH 1	CONCRETE MEDIAN BARRIER, 42" TYPE 'F'WITH VARIABLE HEIGHT SIDES, H=26"TO 60"
12/17	C-10.45 SH 2	CONCRETE MEDIAN BARRIER, 42" TYPE 'F'WITH VARIABLE HEIGHT SIDES, H=26"TO 60"
12/17	C-10.50 SH 1	CONCRETE HALF BARRIER, 32" TYPE 'F', CAST-IN-PLACE
12/17	C-10.50 SH 2	CONCRETE HALF BARRIER, 32" TYPE 'F', PRECAST
12/17	C-10.51	CONCRETE HALF BARRIER, 32" TYPE 'F' WITH SIDEWALK

DATE	STANDARD	SUBJECT TITLE
12/17	C-10.52	CONCRETE HALF BARRIER, 32" TYPE 'F' WITH GUTTER
12/17	C-10.53	CONCRETE HALF BARRIER, 42" TYPE 'F' WITH GUTTER
12/17	C-10.54 SH 1	CONCRETE HALF BARRIER, 32" TYPE 'F' AT PIERS, CAST-IN-PLACE
12/17	C-10.54 SH 2	CONCRETE HALF BARRIER, 32" TYPE 'F' AT PIERS, PRECAST
12/17	C-10.54 SH 3	CONCRETE HALF BARRIER, 32" TYPE 'F' AT PIERS, LAYOUT
12/17	C-10.55 SH 1	CONCRETE HALF BARRIER, 42" TYPE 'F' AT PIERS, CAST-IN-PLACE
12/17	C-10.55 SH 2	CONCRETE HALF BARRIER, 42" TYPE 'F' AT PIERS, PRECAST
12/17	C-10.55 SH 3	CONCRETE HALF BARRIER, 42" TYPE 'F' AT PIERS, LAYOUT
12/17	C-10.70 SH 1	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CAISSONS
12/17	C-10.70 SH 2	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CAISSONS
12/17	C-10.70 SH 3	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CAISSONS
12/17	C-10.71 SH 1	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CURB & GUTTER
12/17	C-10.71 SH 2	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CURB & GUTTER
12/17	C-10.72 SH 1	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH CAISSONS
12/17	C-10.72 SH 2	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH CAISSONS
12/17	C-10.72 SH 3	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH CAISSONS
12/17	C-10.73 SH 1	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH GUTTER
12/17	C-10.73 SH 2	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH GUTTER
12/17	C-10.74	CONCRETE HALF-BARRIER TRANSITION, 42" TO 32" TYPE 'F'
12/17	C-10.75 SH 1	CONCRETE HALF-BARRIER TRANSITION, TYPE 'F' TANGENT DEPARTURE TYPE 1
12/17	C-10.75 SH 2	CONCRETE HALF-BARRIER TRANSITION, TYPE 'F' TANGENT DEPARTURE TYPE 2
12/17	C-10.76	CONCRETE HALF-BARRIER TRANSITION, TYPE 'F' AT RADIUS, 32" TO 0"
4/19	C-10.77	CONCRETE BARRIER TRANSITION TO GUARDRAIL END TERMINAL LAYOUT WITH CURB
12/17	C-10.78	CONCRETE HALF-BARRIER TRANSITION, 32" TYPE 'F' LOW SPEED APPROACH
12/17	C-10.79	CONCRETE HALF-BARRIER TRANSITION, 42" TYPE 'F' TANGENT DEPARTURE
5/12	C-11.10 SH 1	ROADWAY CATTLE GUARD
5/12	C-11.10 SH 2	ROADWAY CATTLE GUARD
5/12	C-11.10 SH 3	ROADWAY CATTLE GUARD
5/12	C-11.10 SH 4	ROADWAY CATTLE GUARD
5/12	C-11.20	CATTLE GUARD, DRAINAGE
5/12	C-12.10 SH 1	FENCE, WOVEN WIRE
5/12	C-12.10 SH 2	FENCE, BARBED WIRE
5/12	C-12.10 SH 3	FENCE, TYPE 1 AND 2 GATES, FLOOD GATE
5/12	C-12.10 SH 4	FENCE, FLOOD GATE INSTALLATION
5/12	C-12.10 SH 5	FENCE, MISCELLANEOUS DETAILS
5/12	C-12.20 SH 1	FENCE, CHAIN LINK, TYPE 1
5/12	C-12.20 SH 2	FENCE, CHAIN LINK, TYPE 2
5/12	C-12.20 SH 3	FENCE, CHAIN LINK, GATES
5/12	C-12.30 SH 1	FENCE, CHAIN LINK CABLE BARRIER
5/12	C-12.30 SH 2	FENCE, CHAIN LINK CABLE BARRIER
5/12	C-12.30 SH 3	FENCE, CHAIN LINK CABLE BARRIER
5/12	C-13.10 SH 1	PIPE CULVERT INSTALLATION
5/12	C-13.10 SH 2	PIPE CULVERT INSTALLATION
8/23	C-13.15	TYPICAL PIPE INSTALLATION
5/12	C-13.20	PIPE, REINFORCED CONCRETE END SECTION
5/12	C-13.25	PIPE, CORRUGATED METAL END SECTION
5/12	C-13.30	PIPE AND PIPE ARCH, CORRUGATED METAL, CONCRETE INVERT PAVING
5/12	C-13.55	PIPE, CATTLE-VEHICLE PASS, MITERED END TREATMENT
5/12	C-13.60	SLOTTED DRAIN DETAILS
5/12	C-13.65	SLOTTED DRAIN INSTALLATION DETAILS
5/12	C-13.70	STORM DRAIN CONNECTION DETAILS
5/12	C-13.75	STORM DRAIN OUTLET BARRIER GATE
5/12	C-13.76	STORM DRAIN OUTLET AND STORM DRAIN PLUG
5/12	C-13.80	PIPE COLLAR DETAILS
5/12	C-15.10	CATCH BASIN, TYPE 1
5/12	C-15.20 SH 1	CATCH BASIN, TYPE 3
5/12	C-15.20 SH 2	CATCH BASIN, TYPE 3
5/12	C-15.20 SH 3	CATCH BASIN, ACCESS FRAME AND COVER DETAILS
5/12	C-15.30	CATCH BASIN, TYPE 4
5/12	C-15.40 SH 1	CATCH BASIN, TYPE 5
5/12	C-15.40 SH 2	CATCH BASIN, TYPE 5
5/12	C-15.50	CATCH BASIN, FRAME AND GRATE
5/12	C-15.70 SH 1	CATCH BASIN, MISCELLANEOUS DETAILS
5/12	C-15.70 SH 2	CATCH BASIN, MISCELLANEOUS DETAILS
5/12	C-15.75	CATCH BASIN, DROP INLET
5/12	C-15.80	CATCH BASIN, FLUSH
5/12	C-15.81	CATCH BASIN, SIDE SLOPE
5/12	C-15.90	CATCH BASIN, MEDIAN DIKE, PRECAST
5/12	C-15.91 SH 1	FREEWAY CATCH BASIN DETAILS
5/12	C-15.91 SH 2	FREEWAY CATCH BASIN DETAILS
5/12	C-15.92 SH 1	CATCH BASIN WITH TYPE 'F' CONCRETE HALF BARRIER
5/12	C-15.92 SH 2	CATCH BASIN WITH TYPE 'F' CONCRETE HALF BARRIER
5/12	C-16.40	IRRIGATION SLEEVES
5/12	C-17.10	RAIL BANK PROTECTION FOR DRAINAGEWAYS, TYPES 1, 2 & 3
5/12	C-17.15	RAIL BANK PROTECTION AT ABUTMENTS, TYPES 4, 5 & 6
5/12	C-17.20	RAIL BANK PROTECTION FOR DRAINAGEWAYS, TYPES 7, 8 & 9
5/12	C-18.10 SH 1	MANHOLE, RISER DETAILS
5/12	C-18.10 SH 2	MANHOLE, BASE DETAILS, NORMAL INSTALLATION
5/12	C-18.10 SH 3	MANHOLE, FRAME AND COVER DETAILS
5/12	C-19.10 SH 1	FORD, CONCRETE WALLS
5/12	C-19.10 SH 2	FORD, TYPES 1 AND 2
5/12	C-21.10	SURVEY MONUMENT FRAME AND COVER
5/12	C-21.20	SURVEY MARKER

ADOT STANDARD DRAWINGS REVISION DATES and STANDARD NO.'s REVIEW				
CONSTRUCTION STANDARDS		NAME		DATE
PROJECT NO.		ERIC A. WATKINS		06/03/2026
069 YV 280 F0288 01C			1A	OF 126
RECORD DRAWING DATA	FEDERAL ID NO. 069-A-NFA	REC. DWG. DATE	OF	

ADOT STANDARD DRAWINGS

TRAFFIC SIGNING & MARKING STANDARDS

(SHEET 1 OF 2)

EFFECTIVE MAY 2025

REVISION DATE	STANDARD NUMBER	SUBJECT : SIGNING AND MARKING DETAILS
6/14	M-1	CURB MARKINGS FOR RAISED MEDIAN AND ISLANDS
1/20	M-2 SHT 1	INTERSECTION STRIPING
5/15	M-2 SHT 2	INTERSECTION STRIPING (TWO-LANE RURAL)
6/14	M-2 SHT 3	CENTERLINE AND REVERSE CURVE DETAILS
6/14	M-3	STRIPING AND DELINEATION FOR FREEWAY TERMINALS
6/14	M-4	PASSING LANE STRIPING DETAILS
6/14	M-5	RAILROAD PAVEMENT MARKINGS
6/14	M-6	WORD MARKINGS
6/14	M-7	PAVEMENT LETTERS
6/14	M-8	PAVEMENT LETTERS
6/14	M-9	PAVEMENT NUMBERS
6/14	M-10 SHT 1	PAVEMENT MARKING SYMBOLS
6/14	M-10 SHT 2	PAVEMENT MARKING SYMBOLS
5/25	M-10 SHT 3	PAVEMENT MARKING SYMBOLS
6/14	M-11	TURN LANE PAVEMENT MARKINGS
6/14	M-12	WRONG-WAY ARROWS
1/19	M-13	PREFERENTIAL LANE PAVEMENT MARKINGS
6/14	M-14	STRIPING AND DELINEATION FOR TRUCK ESCAPE RAMPS
8/20	M-15 SHT 1	PAVEMENT MARKING FOR FREEWAY ENTRANCE RAMP - TAPERED ACCELERATION LANE
8/20	M-15 SHT 2	PAVEMENT MARKING FOR FREEWAY ENTRANCE RAMP - PARALLEL ACCELERATION LANE
8/20	M-15 SHT 3	PAVEMENT MARKING FOR FREEWAY ENTRANCE RAMP - PARALLEL ACCELERATION LANE WITH HOV BYPASS
6/14	M-15 SHT 4	PAVEMENT MARKING FOR FREEWAY PARALLEL - ACCELERATION LANE
8/20	M-16 SHT 1	PAVEMENT MARKING FOR FREEWAY EXIT RAMPS - TAPERED DECELERATION LANE
8/20	M-16 SHT 2	PAVEMENT MARKING FOR FREEWAY EXIT RAMP - PARALLEL DECELERATION LANE
8/20	M-17	FREEWAY LANE DROP PAVEMENT MARKINGS
11/24	M-19 SHT 1	RAISED PAVEMENT MARKER PLAN LEGEND
6/14	M-19 SHT 2	NON-REFLECTIVE RAISED PAVEMENT MARKER DETAILS
11/24	M-19 SHT 3	RETROREFLECTIVE RAISED PAVEMENT MARKER DETAILS
11/24	M-19 SHT 4	RETROREFLECTIVE RAISED PAVEMENT MARKER DETAILS
5/15	M-19 SHT 5	PAVEMENT MARKING DETAILS FOR UNDIVIDED HIGHWAYS
6/14	M-19 SHT 6	RETROREFLECTIVE RAISED PAVEMENT MARKERS (RPM) FOR UNDIVIDED HIGHWAYS
8/20	M-19 SHT 7	FREEWAY AND DIVIDED HIGHWAY EDGE LINE AND LANE STRIPING
5/15	M-19 SHT 8	LANE DROP MARKING AND RAMP OR INTERSECTION GUIDE STRIPING
8/20	M-19 SHT 9	PAVEMENT MARKING CROSS-SECTION DETAILS FOR HIGHWAYS AND FREEWAYS
6/24	M-19 SHT 10	CONTRAST LANE LINE FOR FREEWAY AND DIVIDED HIGHWAY
10/23	M-19 SHT 11	LEAD-LAG CONTRAST PAVEMENT MARKINGS FOR CONCRETE PAVEMENT

REVISION DATE	STANDARD NUMBER	SUBJECT : SIGNING AND MARKING DETAILS
6/14	M-20 SHT 1	CHIP SEAL MARKER USAGE FOR TEMPORARY MARKERS
6/14	M-20 SHT 2	CHIP SEAL MARKER USAGE FOR TEMPORARY MARKERS
6/14	M-21	TRANSVERSE RUMBLE STRIP DETAILS
9/21	M-22 SHT 1	LONGITUDINAL RUMBLE STRIP GROOVE, PATTERN - AND LOCATION DETAILS
9/21	M-22 SHT 2	LONGITUDINAL RUMBLE STRIP EXCEPTION DETAILS
9/21	M-22 SHT 3	ENTRANCE AND EXIT RAMPS RUMBLE STRIP INSTALLATION DETAILS
3/22	M-22 SHT 4	CENTERLINE RUMBLE STRIP GROOVE, PATTERN - AND LOCATION DETAILS
6/14	M-23	OBJECT MARKER DETAILS
6/14	M-24	OBJECT MARKER PLACEMENT DETAILS
2/21	M-26 SHT 1	DELINEATOR PLACEMENT AND SPACING
2/21	M-26 SHT 2	DELINEATOR PLACEMENT AND SPACING
2/21	M-26 SHT 3	FLEXIBLE DELINEATOR ASSEMBLIES
2/21	M-26 SHT 4	SQUARE STEEL POST DELINEATOR
2/21	M-26 SHT 5	DELINEATOR FOUNDATION DETAILS
2/21	M-27 SHT 1	DELINEATION DETAILS FOR MEDIAN CROSSTOVERS
2/21	M-27 SHT 2	DELINEATION DETAILS FOR MEDIAN CROSSTOVERS
6/14	M-29	OFF- MAINLINE REFERENCE MARKER LOCATION DETAIL
6/14	M-30	OFF- MAINLINE REFERENCE MARKER DETAILS
6/14	M-32	BRIDGE AND BARRIER MARKER DETAILS
6/14	M-33	BRIDGE AND BARRIER MARKER PLACEMENT AND INSTALLATION DETAILS
6/14	M-34	GUARDRAIL END TERMINAL DELINEATION DETAILS
6/14	M-35	OBJECT MARKER FOR SAND BARREL CRASH CUSHION

ADOT STANDARD DRAWINGS REVISION DATES and STANDARD NO.'s REVIEW			
		NAME	DATE
SIGNING & MARKING STANDARDS		ERIC A. WATKINS	06/03/2026
PROJECT NO.		069 YV 280 F0288 01C	1B-1 OF 126
RECORD DRAWING DATA	FEDERAL ID NO. 069-A-NFA		OF
		REC. DWG. DATE	

ADOT STANDARD DRAWINGS

TRAFFIC SIGNING & MARKING STANDARDS

(SHEET 2 OF 2)

EFFECTIVE MAY 2025

REVISION DATE	STANDARD NUMBER	SUBJECT : SIGNING AND MARKING DETAILS
4/19	S-1 SHT 1	GENERAL SIGNING NOTES
6/14	S-2 SHT 1	S & W BREAKAWAY POST SELECTION CHART
6/14	S-2 SHT 2	S & W BREAKAWAY POST INSTALLATION DETAILS
6/14	S-3 SHT 1	FLAT SHEET SIGNS SQUARE TUBE POST GENERAL NOTES
6/14	S-3 SHT 2	SINGLE POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY - 12, 18 AND 24 INCH WIDTHS
6/14	S-3 SHT 3	SINGLE POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY - 30, 36, 42 AND 54 INCH WIDTHS
6/14	S-3 SHT 4	TWO POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY - 36, 42 AND 48 INCH WIDTHS
6/14	S-3 SHT 5	TWO POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY - 54, 60 AND 72 INCH WIDTHS
6/14	S-3 SHT 6	TWO POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY - 84 - 144 INCH WIDTHS
6/14	S-3 SHT 7	THREE POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY - 48, 60 AND 72 INCH WIDTHS
6/14	S-3 SHT 8	THREE POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY - 84 - 144 INCH WIDTHS
6/14	S-3 SHT 9	WARNING SIGN ASSEMBLY - SINGLE POST
6/14	S-3 SHT 10	WARNING SIGN ASSEMBLY - TWO POST
6/14	S-3 SHT 11	WARNING SIGN ASSEMBLY - THREE POST
6/14	S-3 SHT 12	MULTIPLE ROUTE MARKER ASSEMBLIES
6/14	S-3 SHT 13	SPECIAL SIGN ASSEMBLIES
6/14	S-3 SHT 14	STRINGER DETAILS FOR SQUARE TUBE POSTS
6/14	S-3 SHT 15	SQUARE TUBE SIGN POST FOUNDATION
6/14	S-3 SHT 16	SQUARE TUBE POST SLIP BASE DETAILS
6/14	S-4	W SHAPE BREAKAWAY POST FUSE PLATE AND HINGE DETAILS
6/22	S-5	W SHAPE BREAKAWAY POST DETAILS
6/22	S-6	S4x7.7 BREAKAWAY POST DETAILS
6/14	S-7 SHT 1	ALUMINUM EXTRUSION SIGN PANEL DETAILS
6/14	S-7 SHT 2	ALUMINUM EXTRUSION AUXILIARY SIGN INSTALLATION DETAILS
5/15	S-7 SHT 3	ALUMINUM EXTRUSION EXIT PANEL INSTALLATION DETAIL
6/14	S-8 SHT 1	FLAT SHEET ALUMINUM PANEL ON BREAKAWAY POSTS INSTALLATION DETAIL
6/14	S-8 SHT 2	ALUMINUM EXTRUSION SIGN TO PERFORATED POSTS INSTALLATION DETAIL
8/22	S-9 SHT 1	SIGN INSTALLATION ON POLE
8/22	S-9 SHT 2	SIGNS (BACK TO BACK) INSTALLATION ON POLE
8/22	S-9 SHT 3	SIGN INSTALLATION ON SIGNAL POLE
8/22	S-9 SHT 4	SIGN INSTALLATION ON POLE BAND-TYPE CLAMP
6/14	S-10	MILEPOST AND REFERENCE LOCATION SIGNS
11/22	S-11 SHT 1	TAPERED TUBE SIGN STRUCTURE SINGLE BEAM
4/19	S-11 SHT 2	TAPERED TUBE SIGN STRUCTURE SINGLE BEAM POST AND BEAM DETAILS

REVISION DATE	STANDARD NUMBER	SUBJECT : SIGNING AND MARKING DETAILS
6/14	S-12 SHT 1	TYPE A, B, AND DOWN ARROWS
6/14	S-12 SHT 2	TYPE C AND D ARROWS
6/14	S-12 SHT 3	C2 ARROW DETAIL
6/14	S-13	SIGN IDENTIFICATION DETAILS
6/14	S-14 SHT 1	ROTATING OPEN/CLOSED SIGN
6/14	S-14 SHT 2	ROTATING OPEN/CLOSED SIGN DETAILS
6/14	S-14 SHT 3	ROTATING OPEN/CLOSED SIGN MOUNTING DETAILS
6/14	S-15 SHT 1	FOLDING RECTANGULAR SIGN ASSEMBLY
6/14	S-15 SHT 2	FOLDING RECTANGULAR SIGN OPERATION
6/14	S-15 SHT 3	FOLDING DIAMOND SIGN ASSEMBLY
4/19	S-16 SHT 1	TEMPORARY WOOD POSTS
4/19	S-16 SHT 2	TEMPORARY WOOD POSTS SELECTION CHART
6/14	S-17	END OF ROAD BARRICADE
7/19	S-18 SHT 1	ALUMINUM GRAFFITI SHIELD EXIT AND GUIDE SIGN ASSEMBLY
7/19	S-18 SHT 2	ALUMINUM GRAFFITI SHIELD RIGHT RIDER SIDE PANEL
7/19	S-18 SHT 3	ALUMINUM GRAFFITI SHIELD LEFT RIDER SIDE PANEL
7/19	S-18 SHT 4	ALUMINUM GRAFFITI SHIELD CORNER
7/19	S-18 SHT 5	ALUMINUM GRAFFITI SHIELD SPLICE PLATE
7/19	S-18 SHT 6	ALUMINUM GRAFFITI SHIELD FIN
7/19	S-18 SHT 7	ALUMINUM GRAFFITI SHIELD TOP PANEL
7/19	S-18 SHT 8	ALUMINUM GRAFFITI SHIELD SIDE PANEL
7/19	S-18 SHT 9	ALUMINUM GRAFFITI SHIELD RIGHT TRANSITION FROM RIDER
7/19	S-18 SHT 10	ALUMINUM GRAFFITI SHIELD LEFT TRANSITION FROM RIDER
7/19	S-18 SHT 11	ALUMINUM GRAFFITI SHIELD SPLICE PLATE FOR FIN
12/18	C-1	SAND BARREL CRASH CUSHION
12/18	C-2	SAND BARREL CRASH CUSHION TYPICAL INSTALLATION
6/14	C-3 SHT 1	PRECAST CONCRETE BARRIER STRUCTURAL DETAILS
6/14	C-3 SHT 2	PRECAST CONCRETE BARRIER PIN AND LOOP ASSEMBLY
6/14	C-4 SHT 1	MEDIAN CROSSOVER
6/14	C-4 SHT 2	TYPICAL END TREATMENTS FOR DETOURS USING TEMPORARY CONCRETE BARRIER (TCB)
6/14	C-5 SHT 1	APPROACH PLATE AND TRANSITION SECTION FOR TEMPORARY CONCRETE BARRIER
6/14	C-5 SHT 2	APPROACH PLATE AND TRANSITION SECTION FOR TEMPORARY CONCRETE BARRIER

ADOT STANDARD DRAWINGS REVISION DATES and STANDARD NO.'s REVIEW			
		NAME	DATE
SIGNING & MARKING STANDARDS		ERIC A. WATKINS	06/03/2026
PROJECT NO.			
069 YV 280 F0288 01C		1B-2	OF 126
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ADOT STANDARD DRAWINGS

TRAFFIC SIGNAL AND LIGHTING STANDARDS
(SHEET 1 OF 2)
EFFECTIVE NOVEMBER 2024

REVISION
DATE

STANDARD
NUMBER

SUBJECT :
TRAFFIC SIGNALS AND LIGHTING DETAILS

T.S. 0			ABBREVIATIONS, SYMBOLS AND DEFINITIONS
05/15	0-1		STANDARD ABBREVIATIONS
01/12	0-2	SHT 1	PLAN SYMBOLS
01/12	0-2	SHT 2	PLAN SYMBOLS
01/12	0-2	SHT 3	PLAN SYMBOLS
03/10	0-3	SHT 1	STANDARD DEFINITIONS
03/10	0-3	SHT 2	STANDARD DEFINITIONS
11/22	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
03/15	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
10/13	1-11	SHT 1	HEAVY DUTY LIGHTING NO. 4 AND NO. 6 PULL BOX
10/13	1-11	SHT 2	HEAVY DUTY LIGHTING NO. 4 AND NO. 6 PULL BOX
03/15	1-11	SHT 3	HEAVY DUTY LIGHTING NO. 4 AND NO. 6 PULL BOX LID
03/15	1-12	SHT 1	PRECAST HEAVY DUTY LIGHTING NO. 4B AND NO. 6B PULL BOX
03/15	1-12	SHT 2	PRECAST HEAVY DUTY LIGHTING NO. 4B AND NO. 6B PULL BOX
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
03/15	2-7		TRAFFIC SIGNAL UPS CABINET FOUNDATION DETAIL
T.S. 3			CABINETS
12/12	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
12/12	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-SL. 4			POLES AND POSTS
11/22	4.01		TYPE A POLE
11/22	4.02		TYPE S POLE
11/22	4.03		TYPE T POLE
11/22	4.04		TYPE S AND TYPE T STEEL TWIN LUMINAIRE MOUNTING BRACKET AND EXTENSIONS
11/22	4.05		ALUMINUM TYPE S POLE
11/22	4.06		ALUMINUM TYPE T POLE
11/22	4.07		TYPE G POLE
11/22	4.08		ALUMINUM TYPE G POLE
11/22	4.09		ALUMINUM TYPE H POLE
11/22	4.10		ALUMINUM TYPE I POLE
11/22	4.11		GENERAL NOTES FOR TRAFFIC SIGNALS AND LIGHTING POLES WITH MAXIMUM LOADING CASE
04/19	4.12		TYPE J POLES (25-J, 30-J, 35-J, AND 40-J) WITH 25 FT TO 40 FT MAST ARM SPAN LENGTH
04/19	4.13		TYPE Q POLES (25-QL, 30-QL, 35-QL, AND 40-QL) WITH 25 FT TO 40 FT MAST ARM SPAN LENGTH WITH LUMINAIRES
04/19	4.14		TYPE K POLES (45-K, 50-K, AND 55-K) WITH 45 FT TO 55 FT MAST ARM SPAN LENGTH
04/19	4.15		TYPE R POLES (45-RL, 50-RL, AND 55-RL) WITH 45 FT TO 55 FT MAST ARM SPAN LENGTH WITH LUMINAIRES
11/22	4.16		TYPE V POLES (60-V AND 65-V) WITH 60 FT TO 65 FT MAST ARM SPAN LENGTH
11/22	4.17		TYPE W POLES (60-WL AND 65-WL) WITH 60 FT TO 65 FT MAST ARM SPAN LENGTH WITH LUMINAIRES
11/22	4.18		POLE HAND HOLE DETAILS
11/22	4.19		TYPE U POLE (ELLIPTICAL BASE) DETAILS
11/22	4.20		TYPE U POLE (ROUND POLE WITH SQUARE BASE) NOTES
04/19	4.21		TYPE U POLE (ROUND POLE WITH SQUARE BASE) FOUNDATION DETAILS
04/19	4.22		TYPE U POLE (ROUND POLE WITH SQUARE BASE) DEATILS 1
04/19	4.23		TYPE U POLE (ROUND POLE WITH SQUARE BASE) DEATILS 2
04/19	4.24		TYPE U POLE (ROUND POLE WITH SQUARE BASE) PIPE TENON DETAILS
04/19	4.25		TYPE U POLE (ROUND POLE WITH SQUARE BASE) TWIN LUMINAIRE BRACKET DETAILS
04/19	4.26		EQUIPMENT MOUNTING HEIGHT DETAILS
04/19	4.27		PEDESTRIAN PUSH BUTTON POST "TYPE PB POLE"
11/22	4.28		POLE FOUNDATION ANCHOR BOLTS
04/19	4.29		STEEL MAST ARM DETAILS LUMINAIRE AND SIGNAL ARMS TO 20'
04/19	4.30		ALUMINUM TRUSS MAST ARM DETAILS FOR TYPE G, H, AND I POLES
04/19	4.31		SIGNAL MAST ARM TENON DETAIL
04/19	4.32		TYPICAL HIGHWAY LIGHTING OFFSETS IN CUT AND FILL SECTIONS
11/22	4.33		STEEL ADAPTER PLATE FOR 30 FT ALUMINUM TYPE "G" OR TYPE "S" LIGHT POLES
T.S. 5			POLE BASES - SPECIAL
11/24	5-0		TYPE 2 AND 3 CAST ALUMINUM BREAK-AWAY BASES
04/19	5-1		TYPE 2 CAST ALUMINUM BREAK-AWAY BASE
04/19	5-2		TYPE 3 CAST ALUMINUM BREAK-AWAY BASE
05/21	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
12/12	6-3		PIEZOELECTRIC WEIGHT SENSOR AND LOOP LANE LAYOUT
12/12	6-4	SHT 1	DETECTOR LOOPS AND PIEZOELECTRIC SENSOR DETAILS
12/12	6-4	SHT 2	DETECTOR LOOPS AND PIEZOELECTRIC SENSOR DETAILS
03/15	6-4	SHT 3	DETAIL A PIEZOELECTRIC SENSOR DETAILS
12/12	6-4	SHT 4	DETAIL B DETECTOR LOOP DETAILS
12/12	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

ADOT STANDARD DRAWINGS REVISION DATES and STANDARD NO.'s REVIEW			
		NAME	DATE
TRAFFIC SIGNAL & LIGHTING STANDARDS		ERIC A. WATKINS	06/03/2026
PROJECT NO.		069 YV 280 F0288 01C	1C-1 OF 126
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ADOT STANDARD DRAWINGS
TRAFFIC SIGNAL AND LIGHTING STANDARDS
(SHEET 2 OF 2)
EFFECTIVE NOVEMBER 2024

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
03/15	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
12/23	8-0	TRAFFIC SIGNAL VEHICLE FACE ASSEMBLY REQUIREMENTS AND DETAILS
12/23	8-1	VEHICLE TRAFFIC SIGNAL FACE ASSEMBLY
12/23	8-2	VEHICLE TRAFFIC SIGNAL FACE ASSEMBLY
10/13	8-4 SHT 1	12-INCH VEHICLE TRAFFIC SIGNAL HOUSING/SECTION
01/12	8-4 SHT 2	12-INCH VEHICLE TRAFFIC SIGNAL HOUSING/SECTION NOTES
01/12	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 ASSEMBLIES
01/12	8-5	FLASHING BEACON SIGNAL FACE ASSEMBLY
01/12	8-6	LED LAMP FOR PROGRAMMED VISIBILITY SIGNAL
01/12	8-7 SHT 1	PEDESTRIAN SIGNAL ASSEMBLY REQUIREMENTS AND DETAILS
01/12	8-7 SHT 2	PEDESTRIAN SIGNAL ASSEMBLY HOUSING
01/12	8-7 SHT 3	PEDESTRIAN SIGNAL ASSEMBLY VISOR
	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
10/13	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
03/15	11-1	TYPE I PEDESTRIAN PUSH BUTTON HOUSING ASSEMBLY
03/15	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
03/15	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

REVISION DATE	STANDARD NUMBER	SUBJECT : TRAFFIC SIGNALS AND LIGHTING DETAILS
	T.S 15	SPAN WIRE SIGNALS AND LIGHTING
04/19	15-0 SHT 1	GENERAL NOTES
04/19	15-0 SHT 2	GENERAL NOTES
04/19	15-0 SHT 3	GENERAL NOTES
04/19	15-1 SHT 1	STEEL POLE TYPICAL DETAILS
04/19	15-1 SHT 2	STEEL POLE FOUNDATION DETAILS
04/19	15-1 SHT 3	STEEL POLE ATTACHMENT DETAILS
04/19	15-1 SHT 4	WOOD POLE TYPICAL DETAILS
04/19	15-1 SHT 5	WOOD POLE TYPICAL DETAILS
04/19	15-1 SHT 6	TYPICAL DETAILS
01/12	15-2	HANGER AND BALANCE ADJUSTER TYPICAL DETAILS
01/12	15-3 SHT 1	SIGNAL ASSEMBLY DETAILS
01/12	15-3 SHT 2	CONDUCTOR ENTRANCE HEADS TYPE A, B AND C
01/12	15-3 SHT 3	ALUMINUM PIPE EXTENSION AND TYPICAL DETAILS
01/12	15-4 SHT 1	ADJUSTABLE SIGN HANGER TYPICAL DETAILS
01/12	15-4 SHT 2	ADJUSTABLE SIGN HANGER TYPICAL DETAILS
01/12	15-4 SHT 3	ADJUSTABLE SIGN HANGER TYPICAL DETAILS
01/12	15-5	ADJUSTABLE HANGER TOP AND EXTENSION DETAILS
01/12	15-6	SIGNAL TETHER CLAMP TYPICAL DETAILS
01/12	15-7	POLE BAND TYPICAL DETAILS
01/12	15-8	WEATHERHEAD TYPICAL DETAILS

ADOT STANDARD DRAWINGS REVISION DATES and STANDARD NO.'s REVIEW			
	NAME	DATE	
TRAFFIC SIGNAL AND LIGHTING STANDARDS	ERIC A. WATKINS	06/03/2026	
PROJECT NO.	069 YV 280 F0288 01C	1C-2	OF 126
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ADOT STANDARD DRAWINGS

STRUCTURE DETAIL DRAWINGS
EFFECTIVE NOVEMBER 2024

DATE	STANDARD	SUBJECT TITLE
RAILINGS		
09/24	SD 1.10 (1 OF 2)	38" SINGLE SLOPE BRIDGE BARRIER AND TRANSITION
09/24	SD 1.10 (2 OF 2)	38" SINGLE SLOPE BRIDGE BARRIER AND TRANSITION
10/24	SD 1.11 (1 OF 1)	42" SINGLE SLOPE BRIDGE BARRIER AND TRANSITION
10/24	SD 1.11 (2 OF 2)	42" SINGLE SLOPE BRIDGE BARRIER AND TRANSITION
06/23	SD 1.12	COMBINATION PEDESTIAN-TRAFFIC BRIDGE RAILING
01/20	SD 1.13	PEDESTRIAN FENCE FOR BRIDGE RAILING SD1.12
01/20	SD 1.20	32' TYPE F ROADWAY BARRIER TRANSITION TO 38' SINGLE SLOPE BARRIER
01/20	SD 1.21	32' TYPE F ROADWAY BARRIER TRANSITION TO 42' SINGLE SLOPE BARRIER
01/20	SD 1.22	42' TYPE F ROADWAY BARRIER TRANSITION TO 42' SINGLE SLOPE BARRIER
01/20	SD 1.30	BARRIER JUNCTION BOX
APPROACHES		
08/23	SD 2.01	APPROACH SLAB DETAILS
08/23	SD 2.02	TYPE 1 ANCHOR SLAB DETAILS
08/23	SD 2.03	TYPE 2 ANCHOR SLAB DETAILS
08/23	SD 2.04	SLOPE PAVING DETAILS
DECK JOINTS		
02/20	SD 3.01	DECK JOINT ASSEMBLY - COMPRESSION SEAL
02/20	SD 3.02	DECK JOINT ASSEMBLY - STRIP SEAL
02/20	SD 3.03 (1 OF 2)	DECK JOINT ASSEMBLY - FLANGELESS STRIP SEAL
02/20	SD 3.03 (2 OF 2)	DECK JOINT ASSEMBLY - FLANGELESS STRIP SEAL
SUBSTRUCTURE		
11/12	SD 5.01	STRUCTURAL EXCAVATION - PAYMENT LIMITS
11/12	SD 5.02	STRUCTURE BACKFILL - PAYMENT LIMITS
DRAINAGE STRUCTURES		
05/15	SD 6.01 (1 OF 5)	REINFORCED CONCRETE BOX CULVERTS - MISCELLANEOUS DETAILS
02/12	SD 6.01 (2 OF 5)	REINFORCED CONCRETE BOX CULVERTS - MISCELLANEOUS DETAILS
02/12	SD 6.01 (3 OF 5)	REINFORCED CONCRETE BOX CULVERTS - EXTENSION DETAILS
02/12	SD 6.01 (4 OF 5)	REINFORCED CONCRETE BOX CULVERTS - STRUCTURAL EXCAVATION & STRUCTURE BACKFILL
05/15	SD 6.01 (5 OF 5)	REINFORCED CONCRETE BOX CULVERTS - SINGLE BARREL (0'-30' FILLS)
05/15	SD 6.02 (1 OF 2)	REINFORCED CONCRETE BOX CULVERTS - DOUBLE BARREL (0'-15' FILLS)
05/15	SD 6.02 (2 OF 2)	REINFORCED CONCRETE BOX CULVERTS - DOUBLE BARREL (15'-30' FILLS)
05/15	SD 6.03 (1 OF 2)	REINFORCED CONCRETE BOX CULVERTS - TRIPLE BARREL (0'-15' FILLS)
05/15	SD 6.03 (2 OF 2)	REINFORCED CONCRETE BOX CULVERTS - TRIPLE BARREL (15'-30' FILLS)
05/15	SD 6.04 (1 OF 2)	REINFORCED CONCRETE BOX CULVERTS - FOUR BARREL (0'-15' FILLS)
05/15	SD 6.04 (2 OF 2)	REINFORCED CONCRETE BOX CULVERTS - FOUR BARREL (15'-30' FILLS)
05/15	SD 6.05 (1 OF 2)	REINFORCED CONCRETE BOX CULVERTS - FIVE BARREL (0'-15' FILLS)
05/15	SD 6.05 (2 OF 2)	REINFORCED CONCRETE BOX CULVERTS - FIVE BARREL (15'-30' FILLS)
05/15	SD 6.06 (1 OF 2)	REINFORCED CONCRETE BOX CULVERTS - SIX BARREL (0'-15' FILLS)
05/15	SD 6.06 (2 OF 2)	REINFORCED CONCRETE BOX CULVERTS - SIX BARREL (15'-30' FILLS)
02/12	SD 6.07	REINFORCED CONCRETE BOX CULVERTS - 16'x 14' EQUIPMENT PASS (0'-20' FILLS)
05/15	SD 6.08 (1 OF 8)	REINFORCED CONCRETE BOX CULVERTS - OUTLET WINGS - SKEW 0°to 20° - CULVERT HEIGHT 3'to 7'
02/12	SD 6.08 (2 OF 8)	REINFORCED CONCRETE BOX CULVERTS - OUTLET WINGS - SKEW 0°to 20° - CULVERT HEIGHT 8'to 12'
05/15	SD 6.08 (3 OF 8)	REINFORCED CONCRETE BOX CULVERTS - INLET WINGS - SKEW 0°to 20° - CULVERT HEIGHT 3'to 7'
02/12	SD 6.08 (4 OF 8)	REINFORCED CONCRETE BOX CULVERTS - INLET WINGS - SKEW 0°to 20° - CULVERT HEIGHT 8'to 12'
05/15	SD 6.08 (5 OF 8)	REINFORCED CONCRETE BOX CULVERTS - OUTLET WINGS - SKEW 25°to 45° - CULVERT HEIGHT 3'to 7'
02/12	SD 6.08 (6 OF 8)	REINFORCED CONCRETE BOX CULVERTS - OUTLET WINGS - SKEW 25°to 45° - CULVERT HEIGHT 8'to 12'
05/15	SD 6.08 (7 OF 8)	REINFORCED CONCRETE BOX CULVERTS - INLET WINGS - SKEW 25°to 45° - CULVERT HEIGHT 3'to 7'
02/12	SD 6.08 (8 OF 8)	REINFORCED CONCRETE BOX CULVERTS - INLET WINGS - SKEW 25°to 45° - CULVERT HEIGHT 8'to 12'
05/15	SD 6.09 (1 OF 3)	REINFORCED CONCRETE BOX CULVERTS - HEADWALL QUANTITIES - 2 :1 SLOPE
05/15	SD 6.09 (2 OF 3)	REINFORCED CONCRETE BOX CULVERTS - HEADWALL QUANTITIES - 4 :1 SLOPE
05/15	SD 6.09 (3 OF 3)	REINFORCED CONCRETE BOX CULVERTS - HEADWALL QUANTITIES - 6 :1 SLOPE
05/15	SD 6.10 (1 OF 2)	REINFORCED CONCRETE BOX CULVERTS - INLET OR OUTLET - LEVEL WINGS - CULVERT HEIGHT 3'to 7'
02/12	SD 6.10 (2 OF 2)	REINFORCED CONCRETE BOX CULVERTS - INLET OR OUTLET - LEVEL WINGS - CULVERT HEIGHT 8'to 12'
02/12	SD 6.11 (1 OF 4)	REINFORCED CONCRETE BOX CULVERTS - OUTLET APRON DETAILS
05/15	SD 6.11 (2 OF 4)	REINFORCED CONCRETE BOX CULVERTS - OUTLET APRON - DIMENSIONS & QUANTITIES (2 :1 SLOPE)
05/15	SD 6.11 (3 OF 4)	REINFORCED CONCRETE BOX CULVERTS - OUTLET APRON - DIMENSIONS & QUANTITIES (4 :1 SLOPE)
05/15	SD 6.11 (4 OF 4)	REINFORCED CONCRETE BOX CULVERTS - OUTLET APRON - DIMENSIONS & QUANTITIES (6 :1 SLOPE)
10/24	SD 6.20 (1 OF 5)	PRECAST REINFORCED CONCRETE BOX CULVERTS - SINGLE BARREL NOTES & DIMENSIONS
10/24	SD 6.20 (2 OF 5)	PRECAST REINFORCED CONCRETE BOX CULVERTS - MISCELLANEOUS DETAILS 1
10/24	SD 6.20 (3 OF 5)	PRECAST REINFORCED CONCRETE BOX CULVERTS - END SECTION & CONNECTION DETAILS
10/24	SD 6.20 (4 OF 5)	PRECAST REINFORCED CONCRETE BOX CULVERTS - MISCELLANEOUS DETAILS 2
10/24	SD 6.20 (5 OF 5)	PRECAST REINFORCED CONCRETE BOX CULVERTS - MISCELLANEOUS DETAILS 3
07/12	SD 6.30 (1 OF 5)	PIPE CULVERT HEADWALLS - MISCELLANEOUS DETAILS
07/12	SD 6.30 (2 OF 5)	PIPE CULVERT HEADWALLS - INLET AND OUTLET - 18" to 42" PIPES
07/12	SD 6.30 (3 OF 5)	PIPE CULVERT HEADWALLS - RIGHT ANGLE INLET AND OUTLET - 48" to 84" PIPES
07/12	SD 6.30 (4 OF 5)	PIPE CULVERT HEADWALLS - SKEWED INLET AND OUTLET - 48" to 84" PIPES
07/12	SD 6.30 (5 OF 5)	PIPE CULVERT HEADWALLS - MULTI-PIPE - 48" to 84" PIPES
07/12	SD 6.31 (1 OF 8)	PIPE CULVERT HEADWALLS - RIGHT ANGLE INLET
07/12	SD 6.31 (2 OF 8)	PIPE CULVERT HEADWALLS - RIGHT ANGLE INLET - 2 :1 SLOPE
07/12	SD 6.31 (3 OF 8)	PIPE CULVERT HEADWALLS - RIGHT ANGLE INLET - 4 :1 SLOPE
07/12	SD 6.31 (4 OF 8)	PIPE CULVERT HEADWALLS - RIGHT ANGLE INLET - 6 :1 SLOPE
07/12	SD 6.31 (5 OF 8)	PIPE CULVERT HEADWALLS - RIGHT ANGLE OUTLET
07/12	SD 6.31 (6 OF 8)	PIPE CULVERT HEADWALLS - RIGHT ANGLE OUTLET - 2 :1 SLOPE
07/12	SD 6.31 (7 OF 8)	PIPE CULVERT HEADWALLS - RIGHT ANGLE OUTLET - 4 :1 SLOPE
07/12	SD 6.31 (8 OF 8)	PIPE CULVERT HEADWALLS - RIGHT ANGLE OUTLET - 6 :1 SLOPE
07/12	SD 6.32 (1 OF 8)	PIPE CULVERT HEADWALLS - 15° SKEW INLET
07/12	SD 6.32 (2 OF 8)	PIPE CULVERT HEADWALLS - 15° SKEW INLET - 2 :1 SLOPE
07/12	SD 6.32 (3 OF 8)	PIPE CULVERT HEADWALLS - 15° SKEW INLET - 4 :1 SLOPE
07/12	SD 6.32 (4 OF 8)	PIPE CULVERT HEADWALLS - 15° SKEW INLET - 6 :1 SLOPE
07/12	SD 6.32 (5 OF 8)	PIPE CULVERT HEADWALLS - 15° SKEW OUTLET
07/12	SD 6.32 (6 OF 8)	PIPE CULVERT HEADWALLS - 15° SKEW OUTLET - 2 :1 SLOPE
07/12	SD 6.32 (7 OF 8)	PIPE CULVERT HEADWALLS - 15° SKEW OUTLET - 4 :1 SLOPE
07/12	SD 6.32 (8 OF 8)	PIPE CULVERT HEADWALLS - 15° SKEW OUTLET - 6 :1 SLOPE

DATE	STANDARD	SUBJECT TITLE
DRAINAGE STRUCTURES (Continued)		
07/12	SD 6.33 (1 OF 8)	PIPE CULVERT HEADWALLS - 30° SKEW INLET
07/12	SD 6.33 (2 OF 8)	PIPE CULVERT HEADWALLS - 30° SKEW INLET - 2 :1 SLOPE
07/12	SD 6.33 (3 OF 8)	PIPE CULVERT HEADWALLS - 30° SKEW INLET - 4 :1 SLOPE
07/12	SD 6.33 (4 OF 8)	PIPE CULVERT HEADWALLS - 30° SKEW INLET - 6 :1 SLOPE
07/12	SD 6.33 (5 OF 8)	PIPE CULVERT HEADWALLS - 30° SKEW OUTLET
07/12	SD 6.33 (6 OF 8)	PIPE CULVERT HEADWALLS - 30° SKEW OUTLET - 2 :1 SLOPE
07/12	SD 6.33 (7 OF 8)	PIPE CULVERT HEADWALLS - 30° SKEW OUTLET - 4 :1 SLOPE
07/12	SD 6.33 (8 OF 8)	PIPE CULVERT HEADWALLS - 30° SKEW OUTLET - 6 :1 SLOPE
07/12	SD 6.34 (1 OF 8)	PIPE CULVERT HEADWALLS - 45° SKEW INLET
07/12	SD 6.34 (2 OF 8)	PIPE CULVERT HEADWALLS - 45° SKEW INLET - 2 :1 SLOPE
07/12	SD 6.34 (3 OF 8)	PIPE CULVERT HEADWALLS - 45° SKEW INLET - 4 :1 SLOPE
07/12	SD 6.34 (4 OF 8)	PIPE CULVERT HEADWALLS - 45° SKEW INLET - 6 :1 SLOPE
07/12	SD 6.34 (5 OF 8)	PIPE CULVERT HEADWALLS - 45° SKEW OUTLET
07/12	SD 6.34 (6 OF 8)	PIPE CULVERT HEADWALLS - 45° SKEW OUTLET - 2 :1 SLOPE
07/12	SD 6.34 (7 OF 8)	PIPE CULVERT HEADWALLS - 45° SKEW OUTLET - 4 :1 SLOPE
07/12	SD 6.34 (8 OF 8)	PIPE CULVERT HEADWALLS - 45° SKEW OUTLET - 6 :1 SLOPE
07/12	SD 6.35 (1 OF 2)	PIPE CULVERT HEADWALLS - MULTI-PIPE WITHOUT APRON
07/12	SD 6.35 (2 OF 2)	PIPE CULVERT HEADWALLS - MULTI-PIPE WITH OUTLET APRON
07/12	SD 6.36 (1 OF 4)	PIPE CULVERT HEADWALLS - OUTLET APRONS
07/12	SD 6.36 (2 OF 4)	PIPE CULVERT HEADWALLS - OUTLET APRON STEEL LIST - 2 :1 SLOPE
07/12	SD 6.36 (3 OF 4)	PIPE CULVERT HEADWALLS - OUTLET APRON STEEL LIST - 4 :1 SLOPE
07/12	SD 6.36 (4 OF 4)	PIPE CULVERT HEADWALLS - OUTLET APRON STEEL LIST - 6 :1 SLOPE
RETAINING WALLS		
10/24	SD 7.01 (1 OF 5)	RETAINING WALL (REINFORCED CONCRETE CANTILEVER)
12/21	SD 7.01 (2 OF 5)	RETAINING WALL (REINFORCED CONCRETE CANTILEVER)
12/21	SD 7.01 (3 OF 5)	RETAINING WALL (REINFORCED CONCRETE CANTILEVER)
12/21	SD 7.01 (4 OF 5)	RETAINING WALL (REINFORCED CONCRETE CANTILEVER)
12/21	SD 7.01 (5 OF 5)	RETAINING WALL (REINFORCED CONCRETE CANTILEVER)
12/21	SD 7.02 (1 OF 2)	RETAINING WALL (MASONRY CANTILEVER)
12/21	SD 7.02 (2 OF 2)	RETAINING WALL (MASONRY CANTILEVER)
SOUND BARRIER WALLS		
06/22	SD 8.01	SOUND BARRIER WALL (CONCRETE)
06/22	SD 8.02 (1 OF 2)	SOUND BARRIER WALL (MASONRY)
06/22	SD 8.02 (2 OF 2)	SOUND BARRIER WALL (MASONRY)
TRAFFIC STRUCTURES		
04/19	SD 9.01 (1 OF 5)	MEDIAN SIGN STRUCTURE (TWO SIDED) - ELEVATION & NOTES
03/22	SD 9.01 (2 OF 5)	MEDIAN SIGN STRUCTURE (TWO SIDED) - FOUNDATION DETAILS
04/19	SD 9.01 (3 OF 5)	MEDIAN SIGN STRUCTURE (TWO SIDED) - TYPE A SIGN MOUNT ASSEMBLY
04/19	SD 9.01 (4 OF 5)	MEDIAN SIGN STRUCTURE (TWO SIDED) - TYPE B SIGN MOUNT ASSEMBLY
04/19	SD 9.01 (5 OF 5)	MEDIAN SIGN STRUCTURE (TWO SIDED) - LIGHT SUPPORT AND MISC. DETAILS
04/19	SD 9.02 (1 OF 5)	MEDIAN SIGN STRUCTURE (ONE SIDED) - ELEVATION & NOTES
03/22	SD 9.02 (2 OF 5)	MEDIAN SIGN STRUCTURE (ONE SIDED) - FOUNDATION DETAILS
04/19	SD 9.02 (3 OF 5)	MEDIAN SIGN STRUCTURE (ONE SIDED) - TYPE A SIGN MOUNT ASSEMBLY
04/19	SD 9.02 (4 OF 5)	MEDIAN SIGN STRUCTURE (ONE SIDED) - TYPE B SIGN MOUNT ASSEMBLY
04/19	SD 9.02 (5 OF 5)	MEDIAN SIGN STRUCTURE (ONE SIDED) - LIGHT SUPPORT AND MISC. DETAILS
04/19	SD 9.10 (1 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - GENERAL PLAN
09/23	SD 9.10 (2 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - FOUNDATION DETAILS
04/19	SD 9.10 (3 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - POST AND MAST ARM DETAILS
04/19	SD 9.10 (4 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - SIGN SUPPORT DETAILS
09/23	SD 9.10 (5 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - LIGHT SUPPORT DETAILS
04/19	SD 9.20 (1 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR FRAME - GENERAL PLAN
09/23	SD 9.20 (2 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR FRAME - FOUNDATION DETAILS
04/19	SD 9.20 (3 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR FRAME - POST AND MAST ARM DETAILS
04/19	SD 9.20 (4 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR FRAME - SIGN SUPPORT DETAILS
09/23	SD 9.20 (5 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR FRAME - LIGHT SUPPORT AND MISC. DETAILS
04/19	SD 9.50 (1 OF 5)	VARIABLE MESSAGE SIGN - TUBULAR FRAME - PLAN & ELEVATION
04/19	SD 9.50 (2 OF 5)	VARIABLE MESSAGE SIGN - TUBULAR FRAME - MOUNTING DETAILS
04/19	SD 9.50 (3 OF 5)	VARIABLE MESSAGE SIGN - TUBULAR FRAME - MOUNTING & SIGN BRACKET DETAILS
04/19	SD 9.50 (4 OF 5)	VARIABLE MESSAGE SIGN - CATWALK - HANDRAIL DETAILS
04/19	SD 9.50 (5 OF 5)	VARIABLE MESSAGE SIGN - CATWALK - MISCELLANEOUS DETAILS
04/19	SD 9.51	DUAL VARIABLE MESSAGE SIGN - TUBULAR FRAME
04/19	SD 9.52 (1 OF 5)	DYNAMIC MESSAGE SIGN - TUBULAR FRAME - PLAN & ELEVATION
04/19	SD 9.52 (2 OF 5)	DYNAMIC MESSAGE SIGN - TUBULAR FRAME - MOUNTING DETAILS
04/19	SD 9.52 (3 OF 5)	DYNAMIC MESSAGE SIGN - TUBULAR FRAME - MOUNTING DETAILS
04/19	SD 9.52 (4 OF 5)	DYNAMIC MESSAGE SIGN - CATWALK - HANDRAIL DETAILS
04/19	SD 9.52 (5 OF 5)	DYNAMIC MESSAGE SIGN - CATWALK - MISCELLANEOUS DETAILS
04/19	SD 9.53 (1 OF 5)	DMS (VARIABLE TILT CABINET) - TUBULAR FRAME - PLAN & ELEVATION
04/19	SD 9.53 (2 OF 5)	DMS (VARIABLE TILT CABINET) - TUBULAR FRAME - MOUNTING DETAILS
04/19	SD 9.53 (3 OF 5)	DMS (VARIABLE TILT CABINET) - TUBULAR FRAME - MOUNTING DETAILS
04/19	SD 9.53 (4 OF 5)	DMS (VARIABLE TILT CABINET) - CATWALK - HANDRAIL DETAILS
04/19	SD 9.53 (5 OF 5)	DMS (VARIABLE TILT CABINET) - CATWALK - MISCELLANEOUS DETAILS
05/22	SD 9.60 (1 OF 7)	DYNAMIC MESSAGE SIGN (BUTTERFLY) - GENERAL PLAN AND ELEVATION
05/22	SD 9.60 (2 OF 7)	DYNAMIC MESSAGE SIGN (BUTTERFLY) - FOUNDATION DETAILS
05/22	SD 9.60 (3 OF 7)	DYNAMIC MESSAGE SIGN (BUTTERFLY) - DMS MONOTUBE ASSEMBLY
05/22	SD 9.60 (4 OF 7)	DYNAMIC MESSAGE SIGN (BUTTERFLY) - DMS MAST ARM DETAILS
05/22	SD 9.60 (5 OF 7)	DYNAMIC MESSAGE SIGN (BUTTERFLY) - MISCELLANEOUS DETAIL
05/22	SD 9.60 (6 OF 7)	DYNAMIC MESSAGE SIGN (BUTTERFLY) - CATWALK ASSEMBLY AND HANDRAIL
05/22	SD 9.60 (7 OF 7)	DYNAMIC MESSAGE SIGN (BUTTERFLY) - CATWALK DETAILS

ADOT STANDARD DRAWINGS REVISION DATES and STANDARD NO.'s REVIEW				
STRUCTURES STANDARDS		NAME	DATE	
PROJECT NO.		ERIC A. WATKINS	06/03/2026	
069 YV 280 F0288 01C			1D	OF 126
RECORD DRAWING DATA	FEDERAL ID NO. 069-A-NFA	REC. DWG. DATE	OF	

1. **SPILL PREVENTION, CONTROL, AND COUNTERMEASURES – CWA SECTION 311**

If total above-ground storage capacity, including mobile re-fuelers stationed on-site, is greater than 1,320 gallons of oil (oils, greases, fuel, asphalt, and asphalt derivatives), where a spill has the potential to reach Waters of the US, the Contractor shall prepare a SPCC plan per contract specifications in Section 104.16 (C) of the Standard Specifications.

2. **SURFACE WATER POLLUTION PREVENTION – CWA SECTION 402**

☒ Arizona Pollutant Discharge Elimination System (AZPDES) CGP coverage applies (104SWDEQ needed)

3. **WORK IN WATERS OF THE UNITED STATES – CWA SECTION 404/401**

☒ No Permit Required; Refer to Section 104.16 (D) of the Standard Specifications for General Requirements

4. **BIOLOGY PROGRAM – ESA SECTION 7; MBTA, ARIZONA REVISED STATUTES TITLE 17**

BIO-1: Environmental Awareness, Monitoring and Avoidance ☒ N/A

BIO-2: Migratory Bird Treaty Act (MBTA) ☐ N/A

BIO-2A: General Seasonal Restrictions for MBTA, refer to seasonal dates in EPIC and general requirements in 104.16(E) of the Standard Specifications.

If construction occurs during the migratory bird breeding season: March 1 to August 31 refer to Section 104.16 BIO-2A of the Std. Spec for direction.

BIO-2D: MBTA – Active Cliff Swallow Nests ☒ N/A

BIO-3: Burrowing Owls ☒ N/A

BIO-4: Bats ☒ N/A

BIO-5: Sonoran Desert Tortoise ☒ No ☐ Yes

5. **VEGETATION PROTECTION PROGRAM – CWA SECTION 402, EO 13122**

General (applies to all projects); The contractor shall comply with the requirements specified in Section 104.16 (F) of the Special Provisions and/or Section 104.16 (B) of the Standard Specifications.

☒ Noxious Species Control Plan (NSCP) required

6. **CULTURAL RESOURCES PROGRAM**

☐ No Cultural Resources Program Action Required; See Std. Spec. 107.05 and 107.06 for General Requirements

☒ **Flagging** needed for cultural resources, contact Environmental Planning at least ten (10) business days prior to ground disturbing activities for pre-construction coordination. Refer to Section 10 of the EPIC Sheet for detailed instructions.

☒ **Qualified Monitor** needed, contact Environmental Planning at least ten (10) business days prior to ground disturbing activities. Pre-construction coordination required with qualified archaeologist regarding construction schedule and associated monitoring efforts.

☒ **Avoid** all flagged and/or otherwise designated sensitive resource areas within or adjacent to the project area as indicated on plan sheets and/or in Section 10 of the EPIC Sheet.

☒ **Data recovery** needed, contact Environmental Planning at least thirty (30) business days prior to ground disturbing activities to confirm ADOT has completed all data recovery activities and requirements.

7. **HAZARDOUS MATERIALS PROGRAM**

General (applies to all projects); See Std. Spec. 107.07 for General Requirements.

☒ No Hazardous Materials Program Action Required

8. **NOISE PROGRAM**

☒ No Noise Program Specific Project Action Required; See Std. Spec. 104.08 for General Requirements

9. **AIR QUALITY PROGRAM**

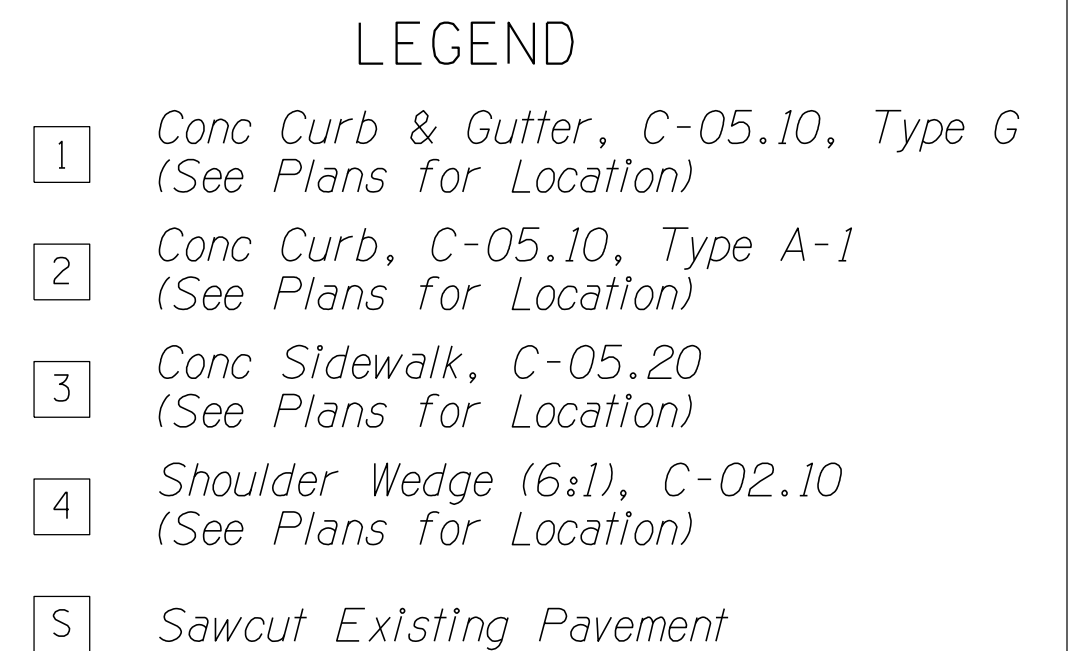
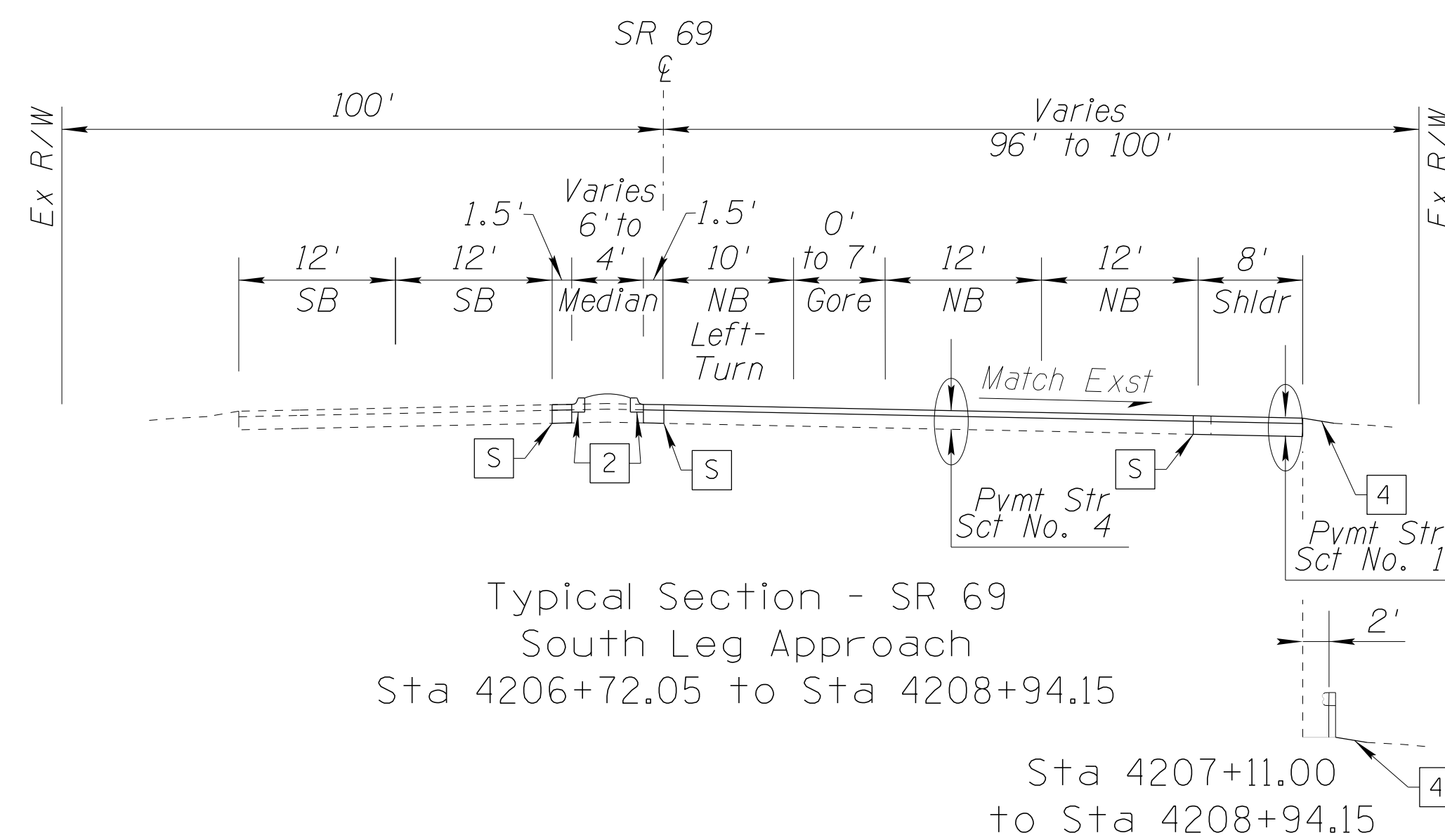
☒ No Air Quality Program Action Required; See Std. Spec. 104.08 for General Requirements

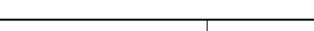
10. **OTHER ENVIRONMENTAL ISSUES**

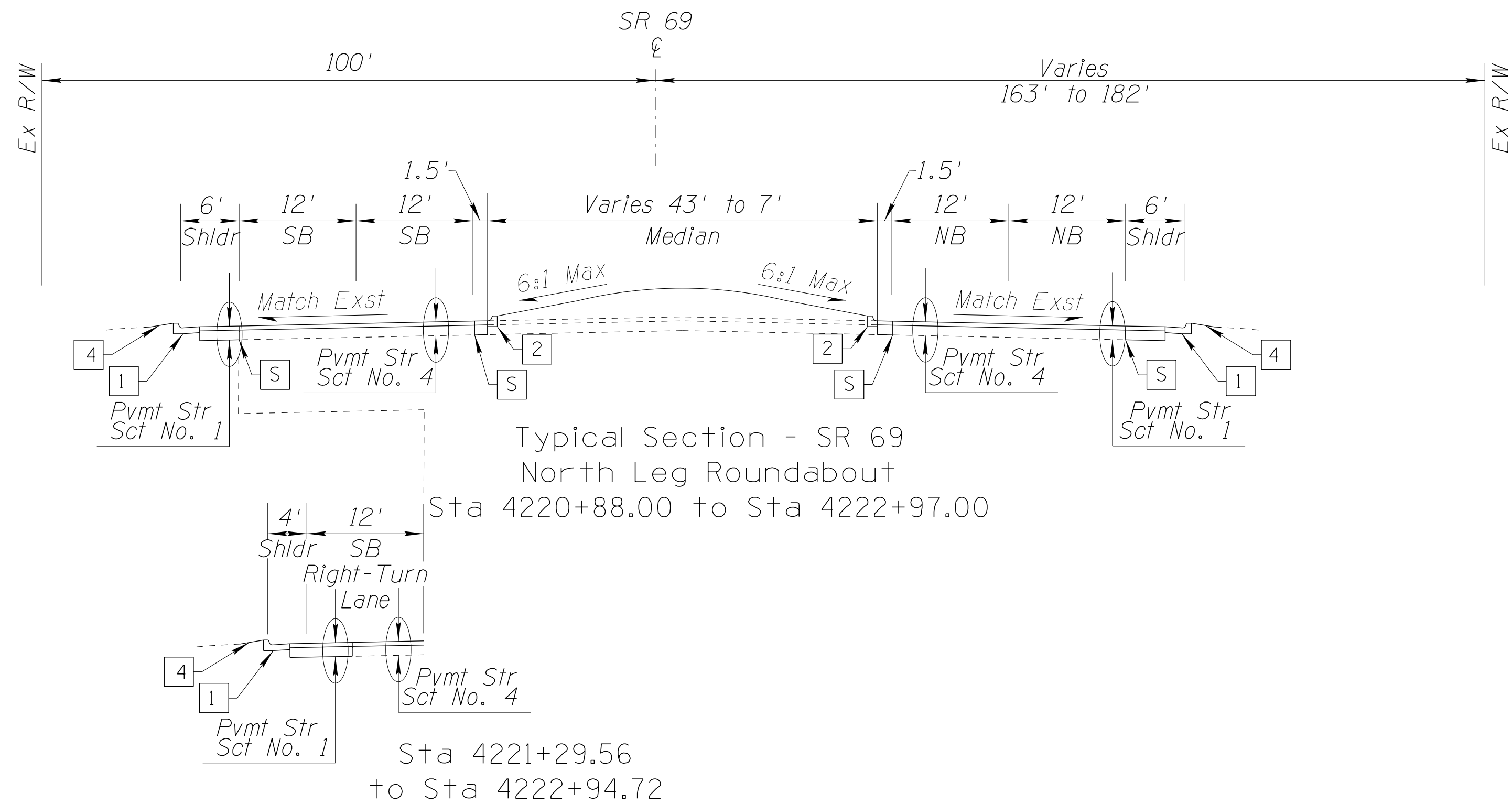
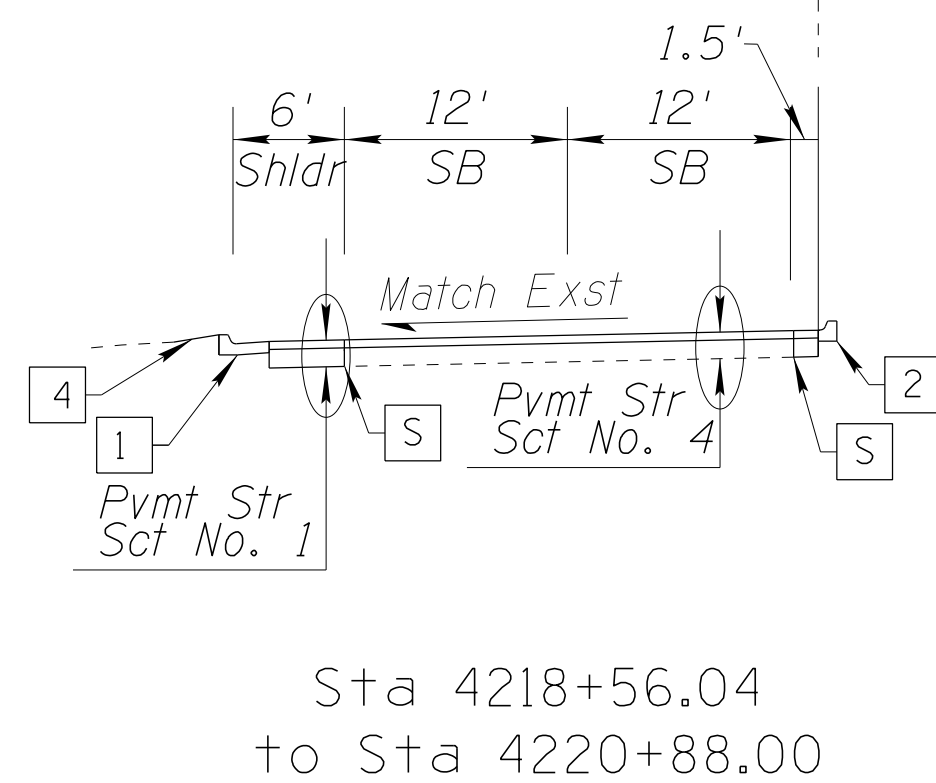
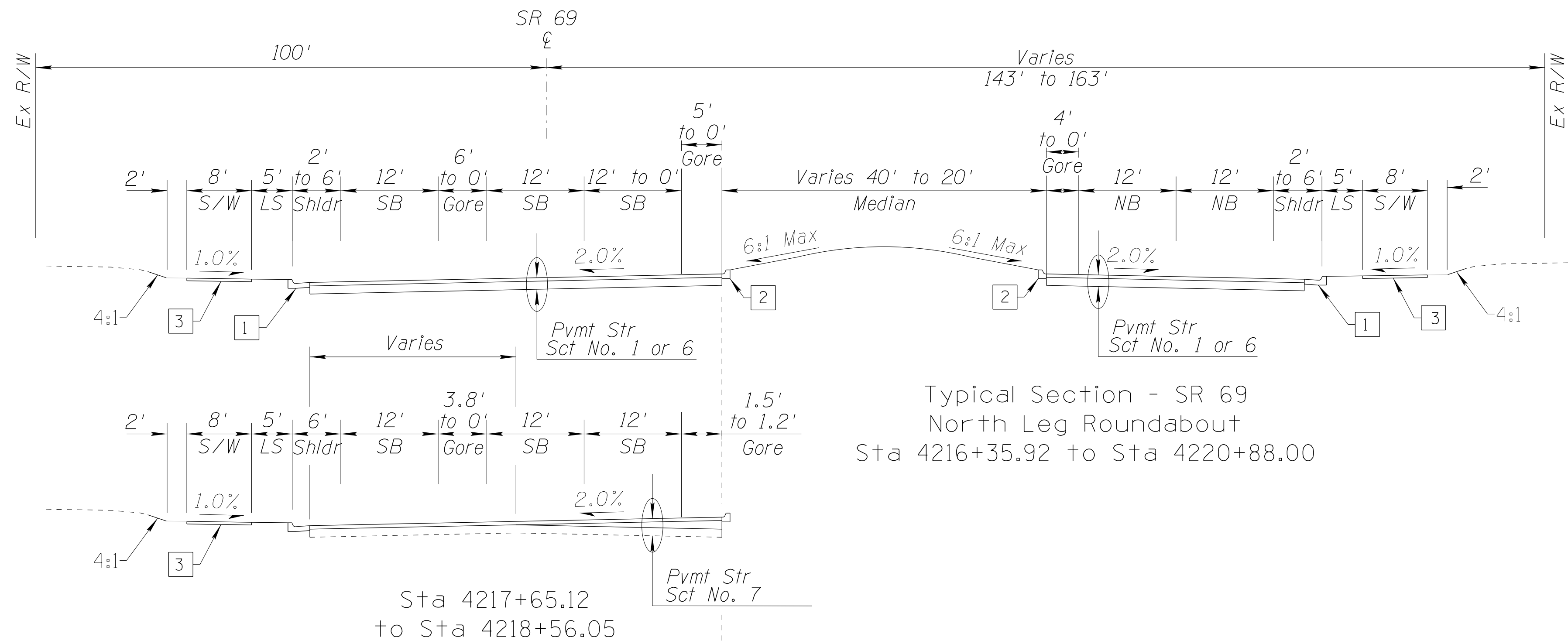
Project Specific Environmental Commitments: ☐ N/A

- The contractor shall not work in any area with previously identified historic properties and ensure that no ground-disturbing activities will take place in areas where testing and data recovery are required until authorized by the Arizona Department of Transportation Environmental Planning Historic Preservation Team. Archaeology data recovery locations are;
 - SR 69 from MP 281.22 to 281.84, on both sides of SR 69 within project construction limits
 - SR 69 from MP 280.89 to 281.01, on both sides of SR 69
- The contractor shall contact the ADOT Environmental Planning Historic Preservation Team (480.493.6059) at least 10 (ten) business days prior to the start of ground-disturbing activities to arrange for a qualified archaeologist to flag avoidance areas.
- The contractor shall contact the ADOT Environmental Planning Historic Preservation Team (480.493.6059) at least 10 (ten) business days prior to the start of ground-disturbing activities to arrange for qualified personnel to monitor and be present during construction. ADOT’s Environmental Planning - Historic Preservation Team will provide contact information on the qualified archaeological consultant to the Contractor for their records. ADOT’s Environmental Planning - Historic Preservation Team will contact the qualified archaeological consultant regarding the project start date and provide Contractor information.
- The Contractor shall coordinate via email or phone with the qualified archaeological consultant and communicate the construction schedule for the duration of ground disturbing work in those areas where monitoring is needed.
- The following monitoring areas will be flagged. Cultural resources monitor must be present during any ground disturbing activities.
 - SR 69 from MP 281.22 to 281.84, on both sides of SR 69 within temporary traffic control limits
 - SR 169 from MP 1.21 to 1.27, on north side of SR 169
- The following avoidance area will be flagged. No vehicles or other project activities will be allowed inside the flagged area.
 - SR 69 from MP 280.15 to 280.19, on both sides of SR 69
 - SR 69 from MP 281.75 to 281.84, on both sides of SR 69
 - SR 169 from MP 0.54 to 0.60, on south side of SR 169

Arizona Department of Transportation Environmental Planning Standard Template			
Environmental, Permits, Issues, And Commitments (EPIC) Sheet			
Environmental Planner Name	Michael Carlson	R.E. Name	
Environmental Planning Date of Completion	8/22/2024	R.E. Signature With the above signature, the R.E. attests that all EPIC work for this project has been satisfactorily completed.	
FEDERAL ID NO.	n/a		
PROJECT NO.	069 YV 280 F0288 01C		
REC DWG DATE:	_____ OF _____	1F OF 126	Sheet 1F



			NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION		ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	F. MEDRANO	6/26				MILEPOST					069 YV 280	069-A-NFA	3	126
	DRAWN	CADD	6/26				STRUCTURE NO.	LOCATION SR 69 @ SR 169 DWG No. G-02.01 OF							
	CHECKED	E. WATKINS	6/26												
			501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (480) 499-5565 www.aztecus.com			TYPICAL SECTIONS									



- LEGEND**
- 1 Conc Curb & Gutter, C-05.10, Type G
(See Plans for Location)
 - 2 Conc Curb, C-05.10, Type A-1
(See Plans for Location)
 - 3 Conc Sidewalk, C-05.20
(See Plans for Location)
 - 4 Shoulder Wedge (6:1), C-02.10
(See Plans for Location)
 - S Sawcut Existing Pavement



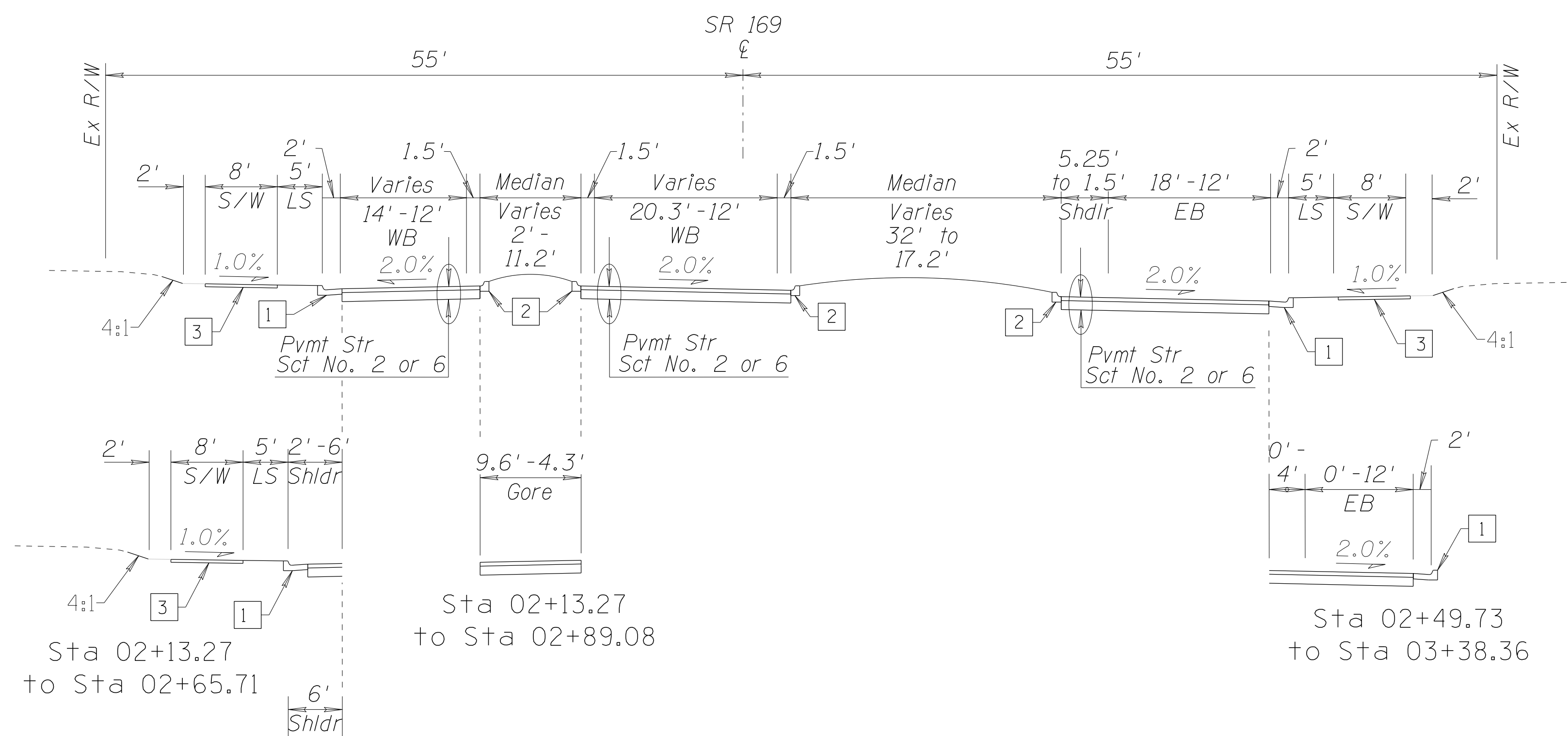
	NAME	DATE
DESIGN	F. MEDRANO	6/26
DRAWN	CADD	6/26
CHECKED	E. WATKINS	6/26

501 N 44th St, Suite 300
Phoenix, AZ 85008-4505
Tel: (602) 454-0402
Fax: (602) 459-5555
www.aztecus.com

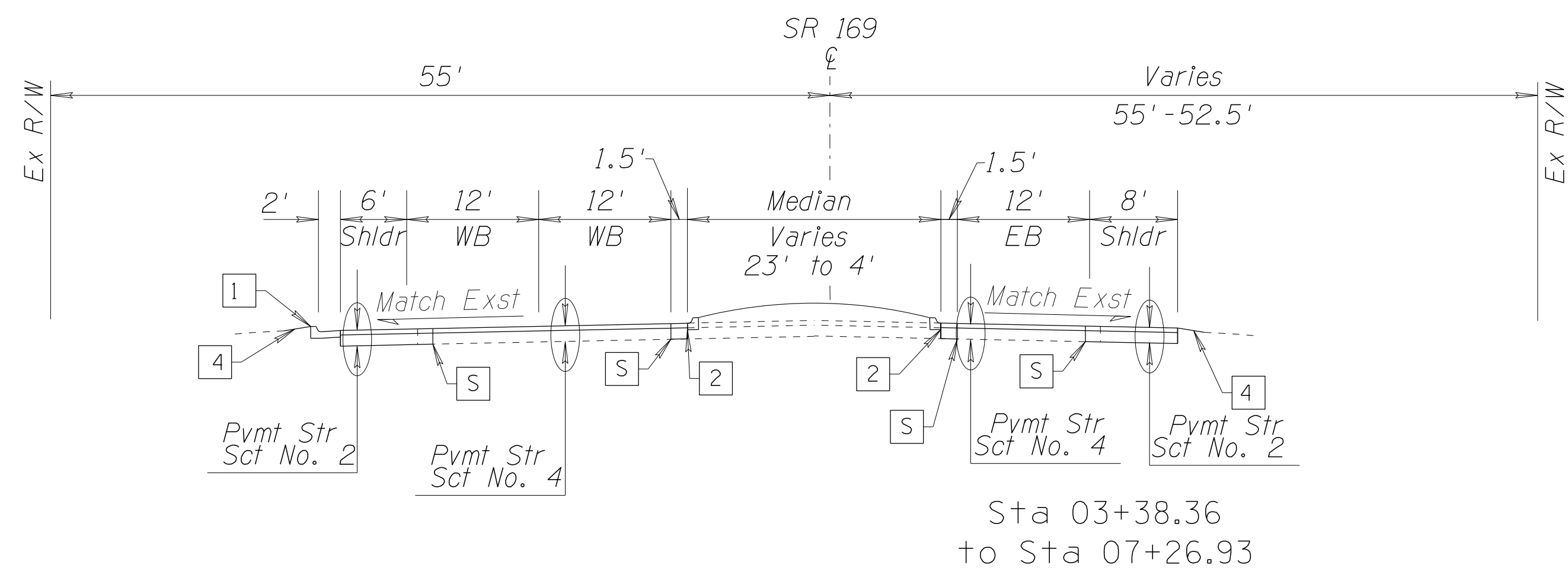
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

TYPICAL SECTIONS

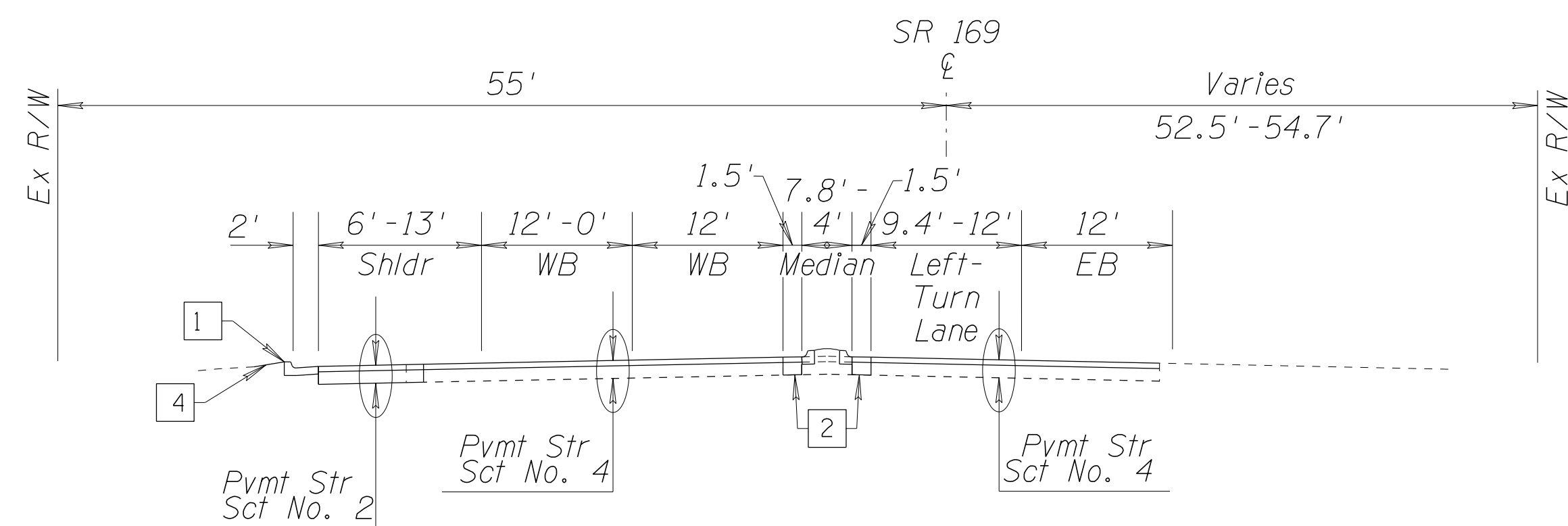
ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 4	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST	SR 69 @ SR 169						DWG No. G-02.02
STRUCTURE NO.	TRACS NO. F0288 01C						OF



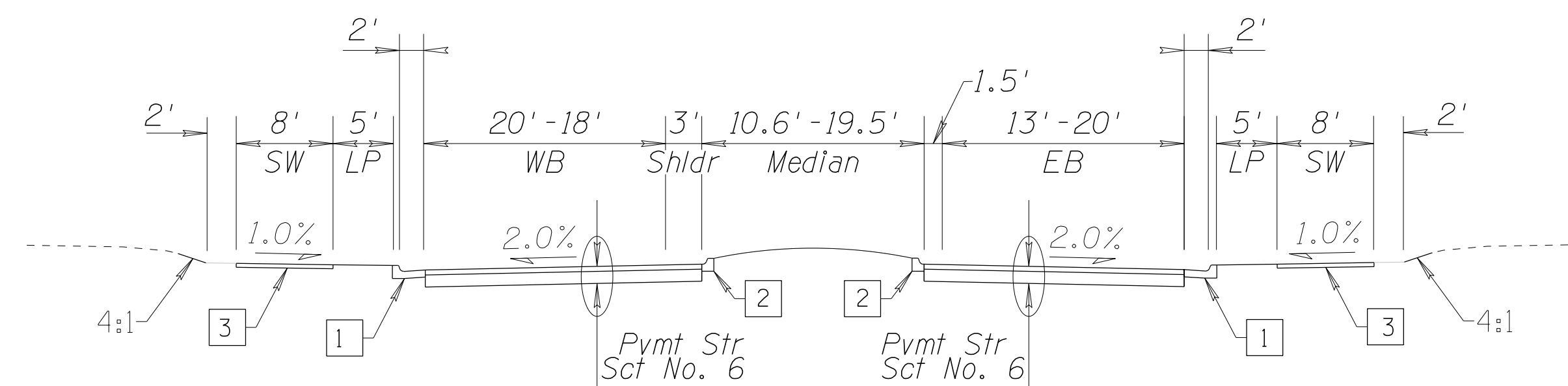
Typical Section - SR 169
East Leg Roundabout
Sta 01+22.04 to Sta 02+89.08



Typical Section - SR 169
East Leg Roundabout
Sta 02+89.08 to Sta 07+26.93



Typical Section - SR169
East Leg Roundabout
Sta 07+26.93 to Sta 08+84.73

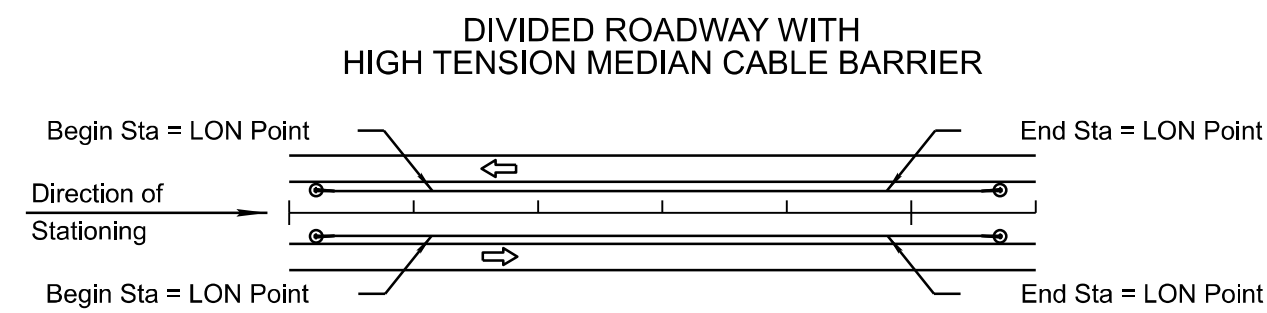
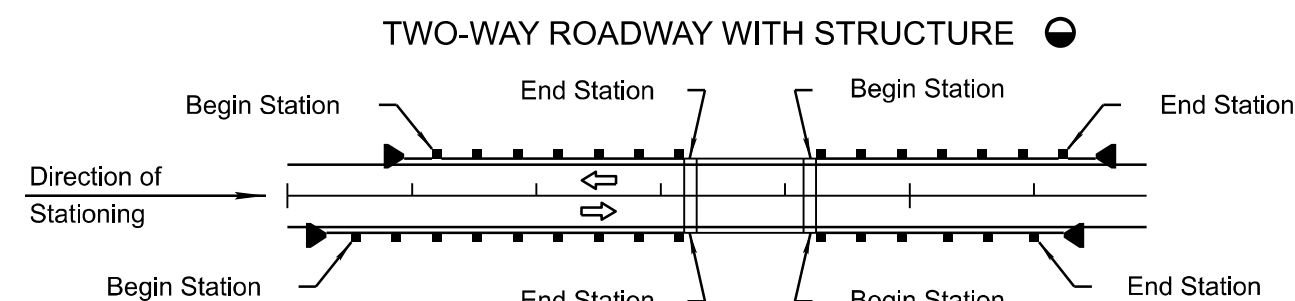
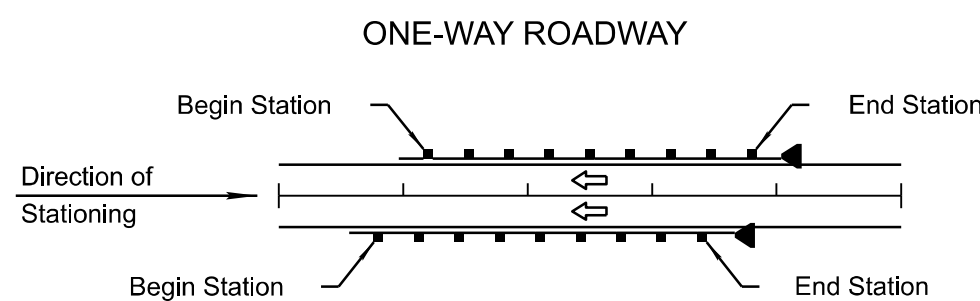


Typical Section - SR 169
West Leg Approach
(SR 69 Sta 4215+71.24, 95.23' Lt to Sta 4215+83.36, 66.28' Lt)

LEGEND

- 1 Conc Curb & Gutter, C-05.10, Type G (See Plans for Location)
- 2 Conc Curb, C-05.10, Type A-1 (See Plans for Location)
- 3 Conc Sidewalk, C-05.20 (See Plans for Location)
- 4 Shoulder Wedge (6:1), C-02.10 (See Plans for Location)
- S Sawcut Existing Pavement

		NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	F. MEDRANO	6/26		SR69			069 YV 280	069-A-NFA	5	126	
	DRAWN	CADD	6/26		MILEPOST			LOCATION				
	CHECKED	E. WATKINS	6/26	  501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (480) 499-5565 www.aztecus.com	STRUCTURE NO.	SR 69 @ SR 169					OF	
					TYPICAL SECTIONS					TRACS NO. F0288 01C		

[illegible]

THE ZEROS IN PARENTHESES (0.0) INDICATE THE DIMENSIONAL PRECISION FOR THAT COLUMN

● LENGTH IS FROM LENGTH OF NEED (LON) POINT TO LON POINT. ACTUAL SEGMENT LENGTH VARIES DEPENDING ON TERMINAL TYPE. SEE SPECIAL PROVISIONS.

- SEE BRIDGE SHEETS FOR BRIDGE BARRIER DETAILS AND QUANTITIES
- ◆ SPECIFY TYPE 1 OR 2 UNDER 'REMARKS'
- △ SPECIFY GUTTER WIDTH UNDER "REMARKS"

☒ ALLOWABLE END TREATMENT OPTIONS ARE INDICATED WITH THE NUMBER '1'
 IN THE SPACE. BLANK SPACES ARE NOT VIABLE ALTERNATIVES

■ ARRAY TYPE AND ANGLE IS NOTED UNDER 'REMARKS'

NOTE: FOR RECORD DRAWING PREPARATION - CIRCLE END TREATMENT INSTALLED

NOTE:
FOR PIPE CULVERT PLACEMENT SEE
STANDARD DRAWINGS C-13.10 AND C-13.15

	N R C P	N R C I P C P	C H D P E P P
--	---------	---------------	---------------

CSP	- CORRUGATED STEEL PIPE
CAP	- CORRUGATED ALUMINUM PIPE
RCP	- REINFORCED CONCRETE PIPE
NRCP	- NON-REINFORCED CONCRETE PIPE
NRCP/CP	- NON-REINFORCED CAST-IN-PLACE CONCRETE PIPE
CHDPEPP	- CORRUGATED HIGH-DENSITY POLYETHYLENE PLASTIC PIPE

[illegible]

FILL HEIGHT RANGE TABLE (Ft.)													
RANGE NO.		1	2	3	4	5	6	7	8	9	10	11	12
FILL	>	1	3	5	8	11	15	20	25	30	40	55	70
HEIGHT (Ft.)	≤	3	5	8	11	15	20	25	30	40	55	70	90
● SHOULD FIELD CONDITIONS VARY FROM THE RANGE INDICATED, CONTACT DESIGN FOR RE-EVALUATION OF PIPE DESIGN REQUIREMENTS.													

 PIPE CORRUGATION			
A	2 ² / ₃ x1 ¹ / ₂	D	6x2
B	3x1	E	3x1 or 9x2 ¹ / ₂
C	9x2 ¹ / ₂		



	NAME	DATE
DESIGN	J. FLINT	6/26
DRAWN	L. BREINING	6/26
CHECKED	T. MAHON	6/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
DRAINAGE DESIGN SECTION

PIPE SUMMARY SHEET

ROUTE SR69	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
MILEPOST		ARIZ.	069 YV 280	069-A-NFA	9	126	
	LOCATION	SR 69 @ SR 169					G-03.04
STRUCTURE NO.	TRACS NO. F0288 01C						___ OF ___

NOTE:
FOR PIPE CULVERT PLACEMENT SEE
STANDARD DRAWINGS C-13.10 AND C-13.15

[illegible]

CSP	- CORRUGATED STEEL PIPE
CAP	- CORRUGATED ALUMINUM PIPE
RCP	- REINFORCED CONCRETE PIPE
NRCP	- NON-REINFORCED CONCRETE PIPE
NRCP/CP	- NON-REINFORCED CAST-IN-PLACE CONCRETE PIPE
CHDPEPP	- CORRUGATED HIGH-DENSITY POLYETHYLENE PLASTIC PIPE

[illegible]

RANGE NO.		1	2	3	4	5	6	7	8	9	10	11	12
FILL	>	1	3	5	8	11	15	20	25	30	40	55	70
HEIGHT (Ft.)	≤	3	5	8	11	15	20	25	30	40	55	70	90
 SHOULD FIELD CONDITIONS VARY FROM THE RANGE INDICATED, CONTACT DESIGN FOR RE-EVALUATION OF PIPE DESIGN REQUIREMENTS.													

PIPE CORRUGATION			
A	2 $\frac{2}{3}$ x1 $\frac{1}{2}$	D	6x2
B	3x1	E	3x1 or 9x2 $\frac{1}{2}$
C	9x2 $\frac{1}{2}$		



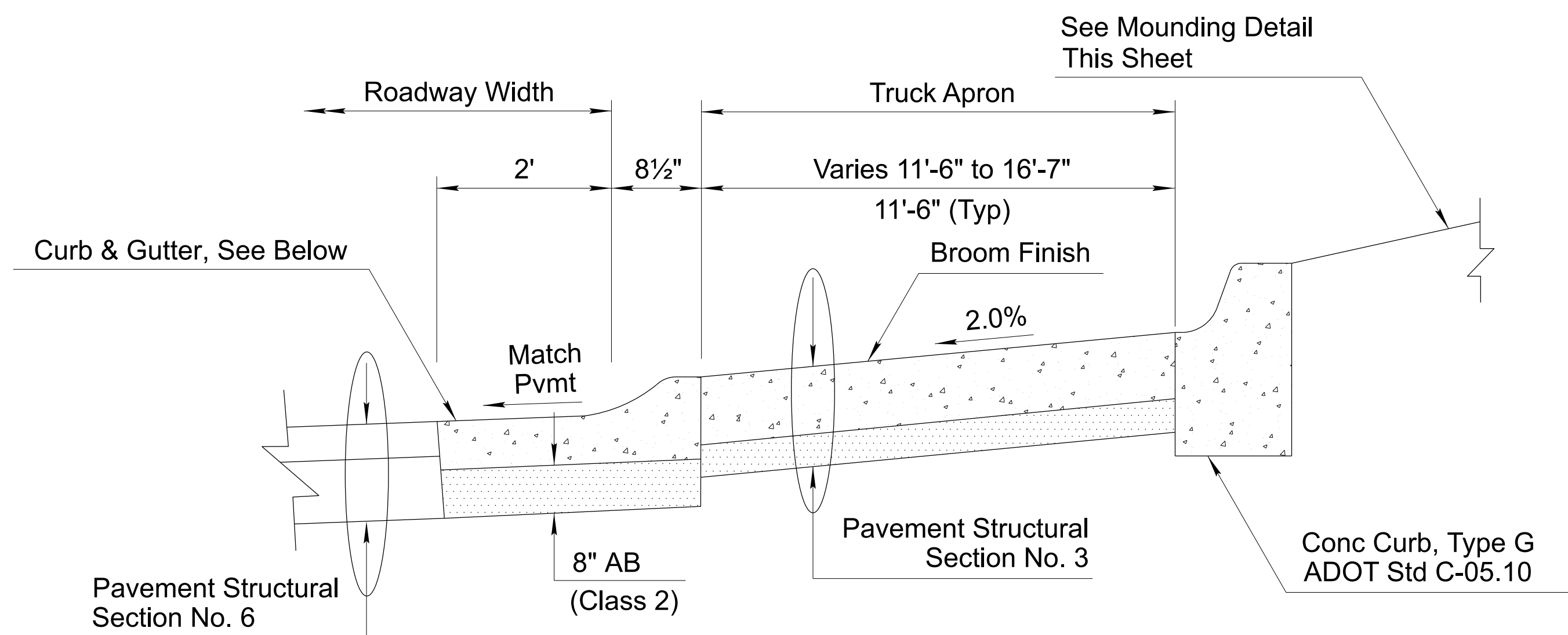
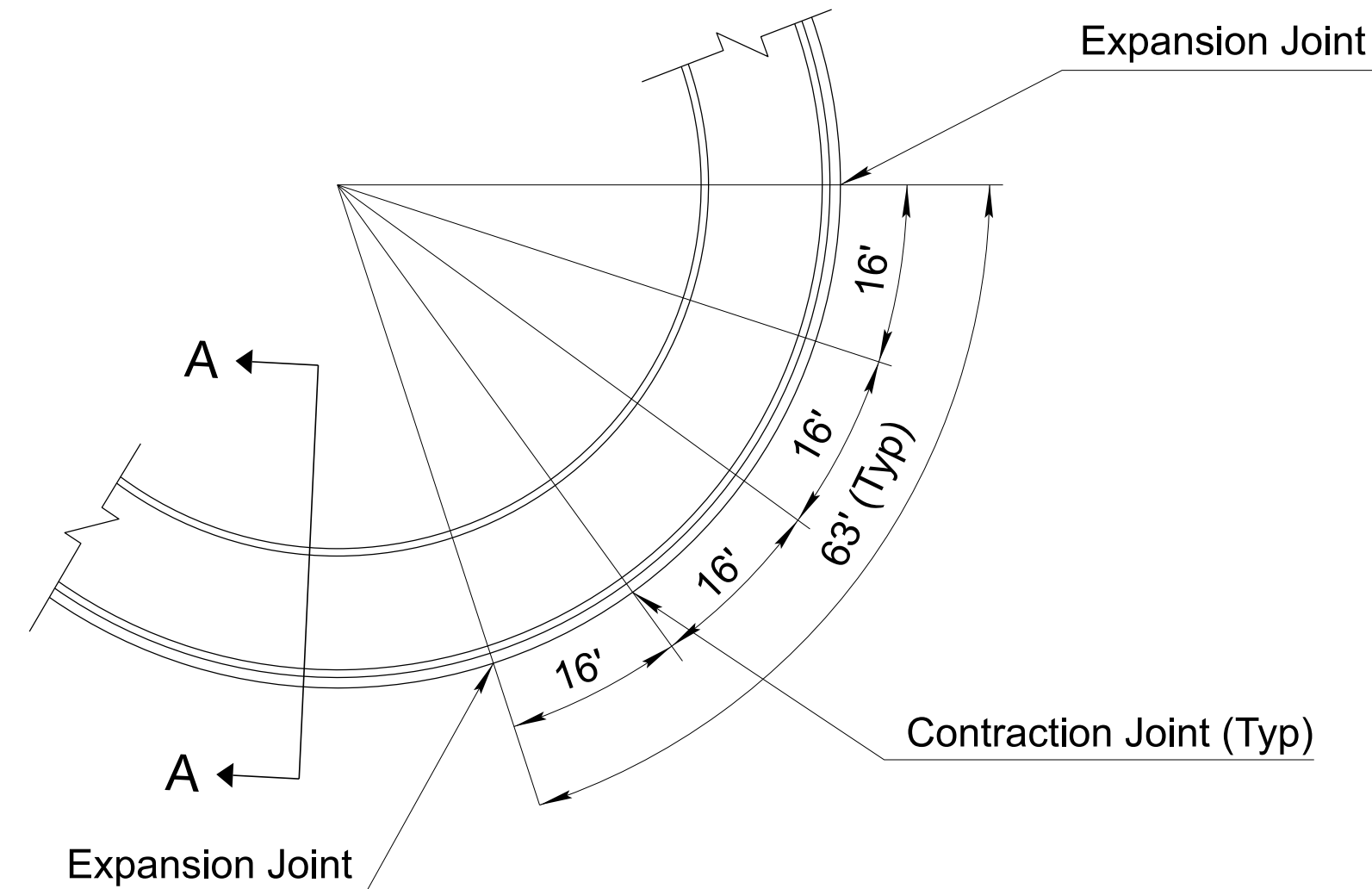
	NAME	DATE
DESIGN	J. FLINT	6/26
DRAWN	L. BREINING	6/26
CHECKED	T. MAHON	6/26

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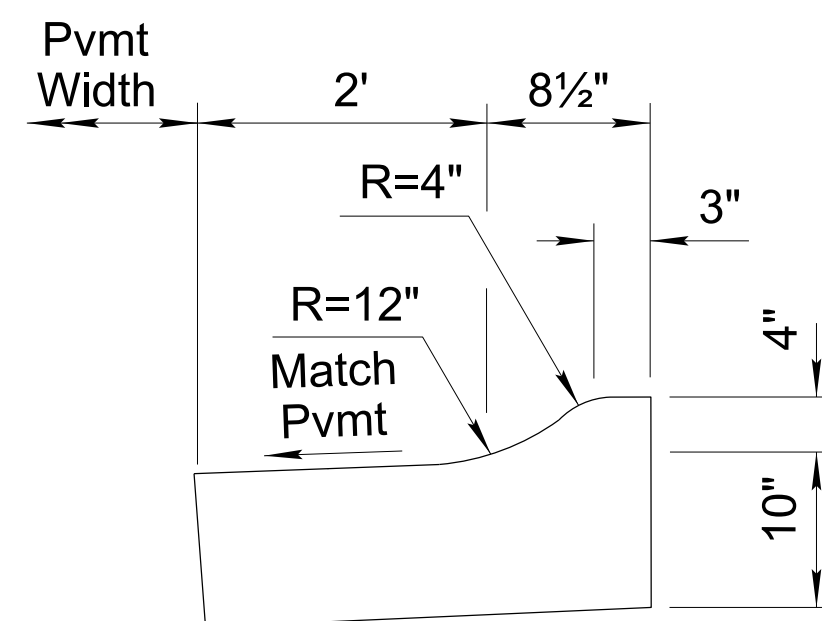
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
DRAINAGE DESIGN SECTION

PIPE SUMMARY SHEET

ROUTE SR69	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
MILEPOST		ARIZ.	069 YV 280	069-A-NFA	10	126	
	LOCATION SR 69 @ SR 169					G-03.05	
STRUCTURE NO.	TRACS NO. F0288 01C					___ OF ___	



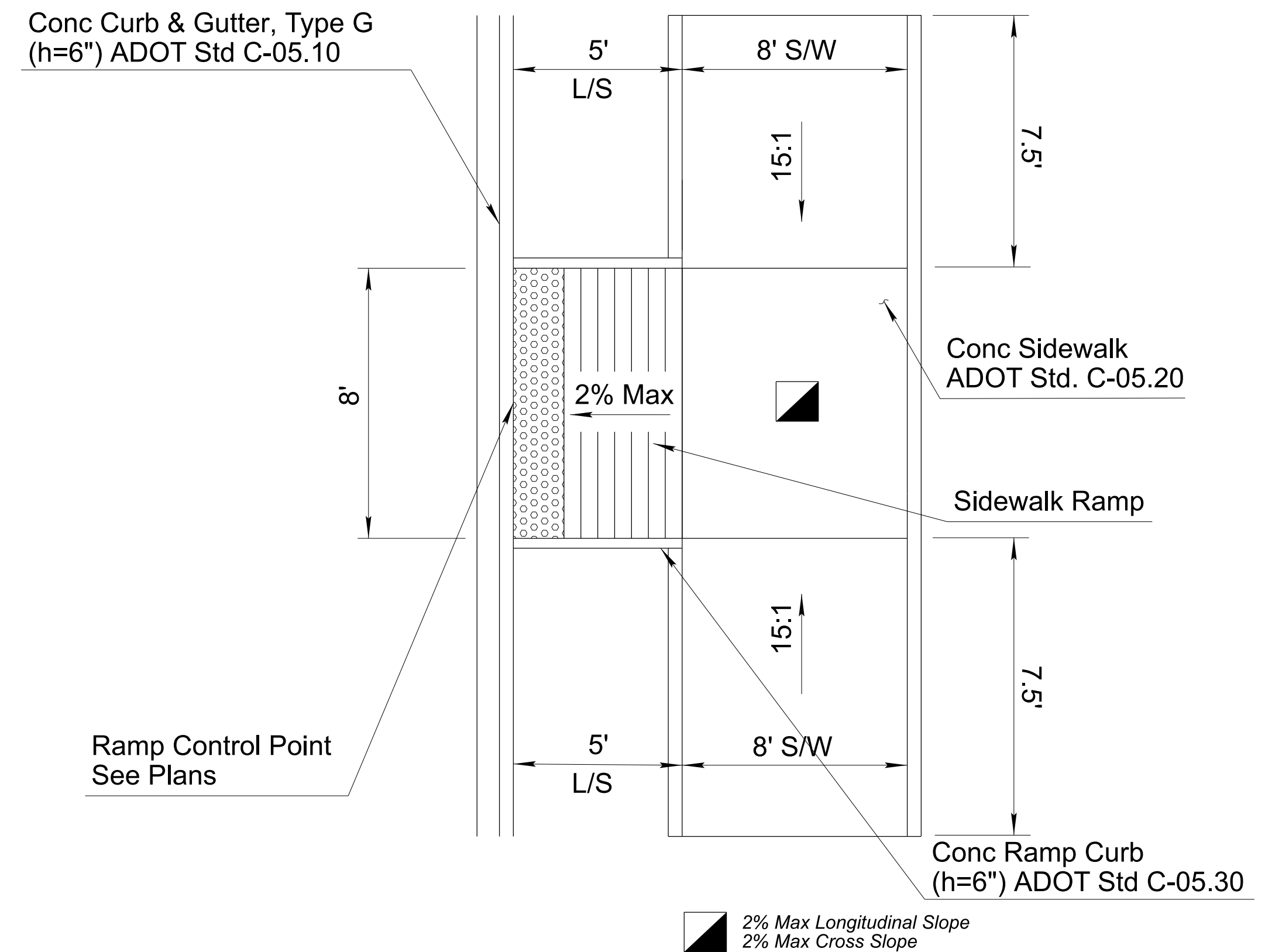
SECTION A-A



NOTES:

- For Curb & Gutter Details not Shown, See ADOT Std C-05.10, Type G.
- Curb & Gutter Shall be Paid as Item No. 9080084.
- Curb Shall be Paid as Item No. 9080109.

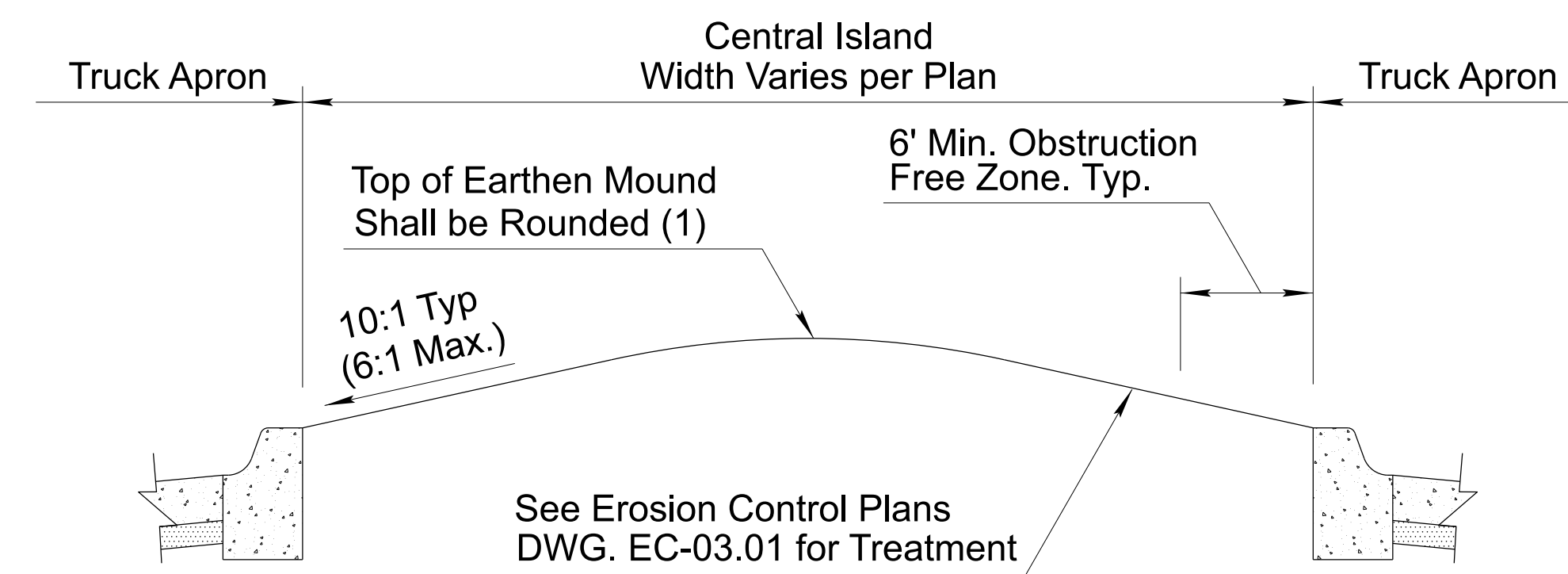
DETAIL A
TRUCK APRON FOR ROUNDABOUT



NOTES:

- For Details not Shown, See ADOT Std C-05.30.
- Concrete Sidewalk within limits of Detail shall be included and paid for under Item No. 9080286.
- Concrete Curb Ramp shall be included and paid for under Item No. 9080286.

DETAIL B
SIDEWALK RAMP (DETACHED)



NOTES:

- Material for Earthen Mound paid for as part of Borrow (In Place)

CENTRAL ISLAND MOUNDING DETAIL



	NAME	DATE
DESIGN	F. MEDRANO	6/26
DRAWN	CADD	6/26
CHECKED	E. WATKINS	6/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

DETAIL SHEET

ROUTE
SR69

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

LOCATION

TRACS NO. F0288 01C

STATE
ARIZ.

PROJECT NO.
069 YV 280

FEDERAL ID NO.
069-A-NFA

SHEET
NO. 11

TOTAL
SHEETS 126

RECORD DRAWING

DWG No. G-04.01

OF



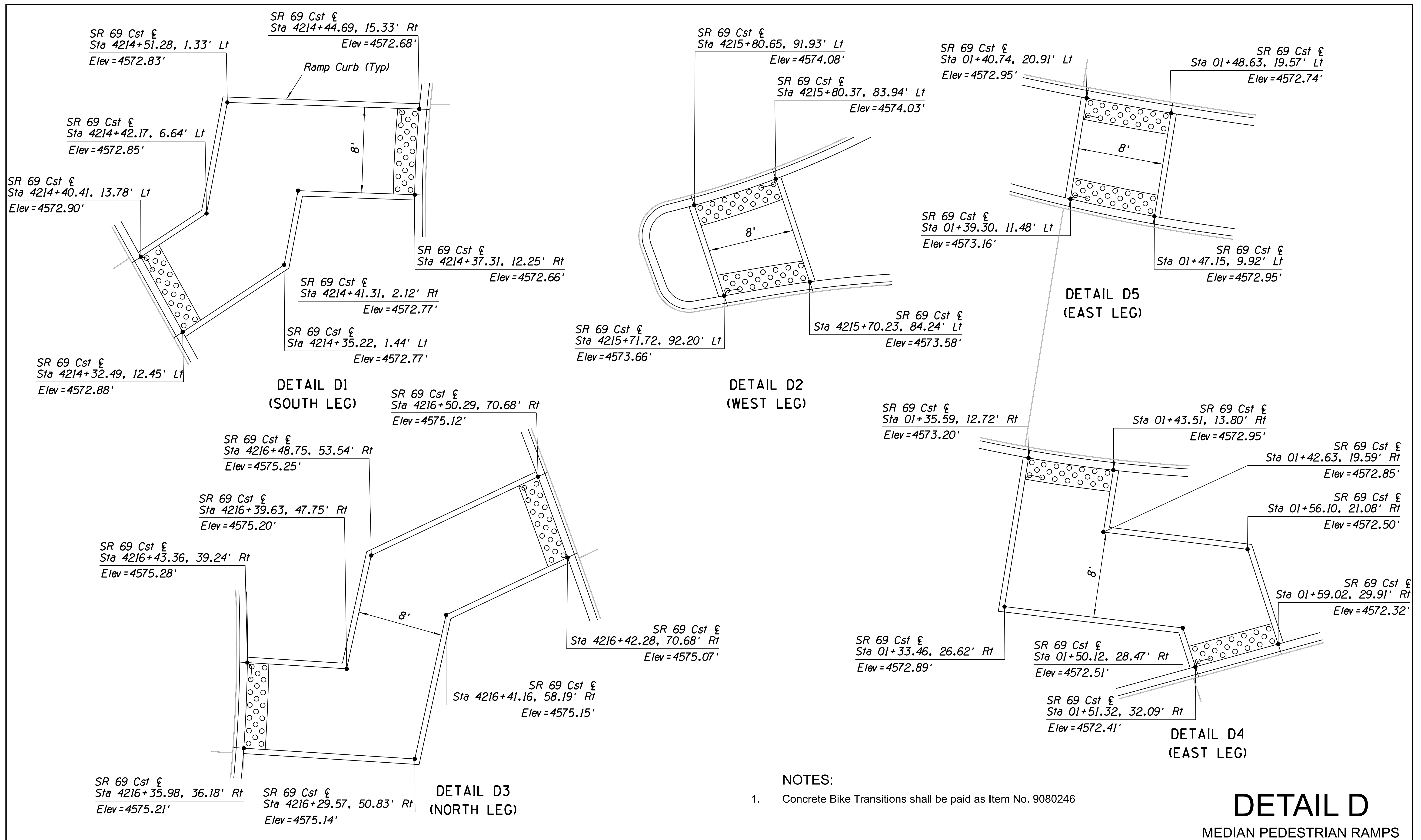
DETAIL C

BIKE RAMP TRANSITION

NOTES:

1. Concrete Bike Transitions shall be paid as Item No. 9080246

	<table><tr><th></th><th>NAME</th><th>DATE</th></tr><tr><td>DESIGN</td><td>F. MEDRANO</td><td>6/26</td></tr><tr><td>DRAWN</td><td>CADD</td><td>6/26</td></tr><tr><td>CHECKED</td><td>E. WATKINS</td><td>6/26</td></tr></table>			NAME	DATE	DESIGN	F. MEDRANO	6/26	DRAWN	CADD	6/26	CHECKED	E. WATKINS	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 12	TOTAL SHEETS 126	RECORD DRAWING
		NAME	DATE																				
	DESIGN	F. MEDRANO	6/26																				
	DRAWN	CADD	6/26																				
CHECKED	E. WATKINS	6/26																					
 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (480) 499-5565 www.aztec.us		MILEPOST		LOCATION SR 69 @ SR 169					DWG No. G-04.02														
		DETAIL SHEET		STRUCTURE NO.	TRACS NO. F0288 01C		____ OF ____																



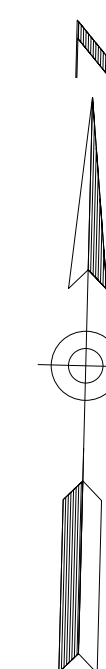
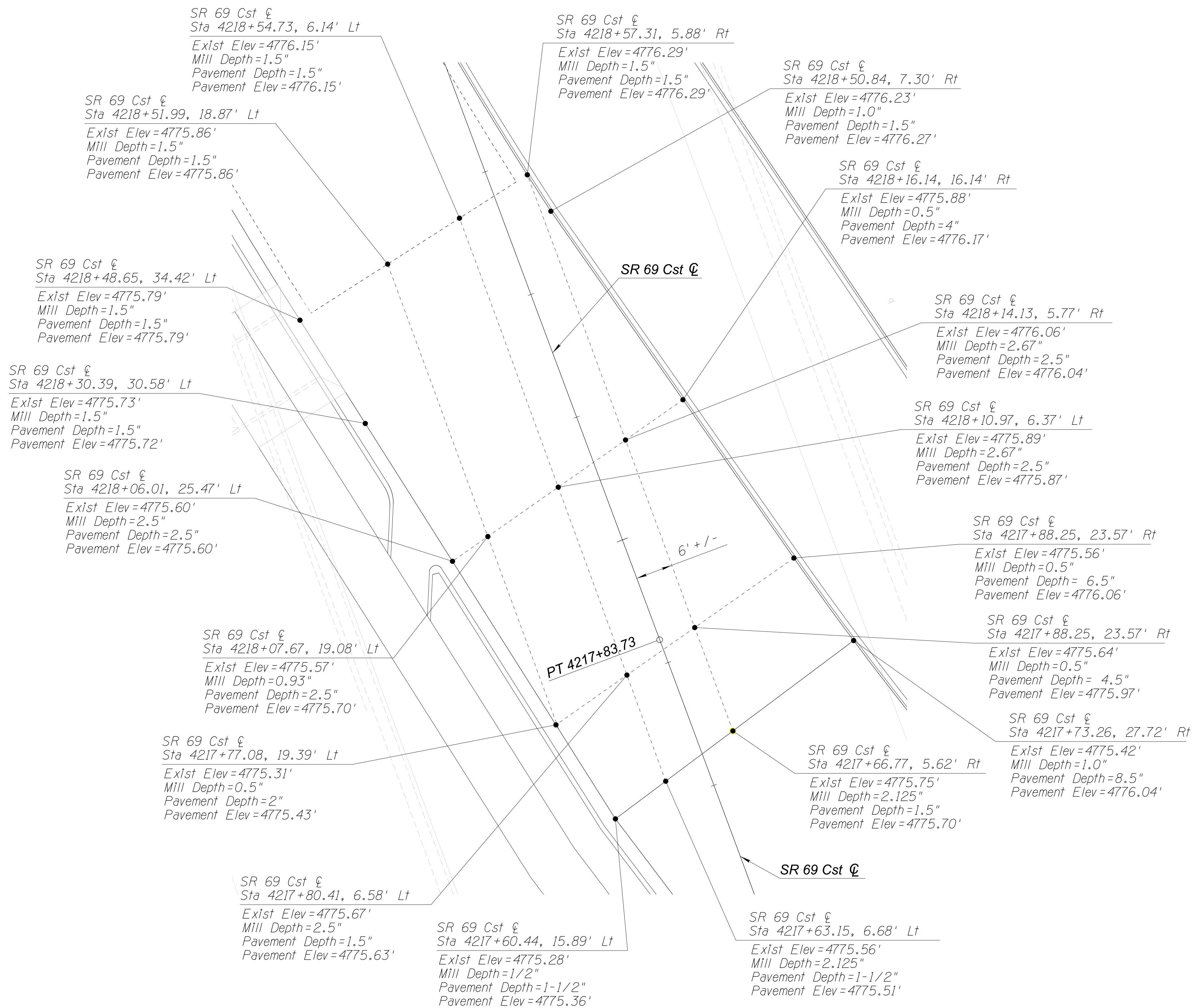
NOTES:

- Concrete Bike Transitions shall be paid as Item No. 9080246

DETAIL D

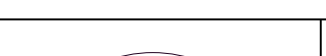
MEDIAN PEDESTRIAN RAMPS

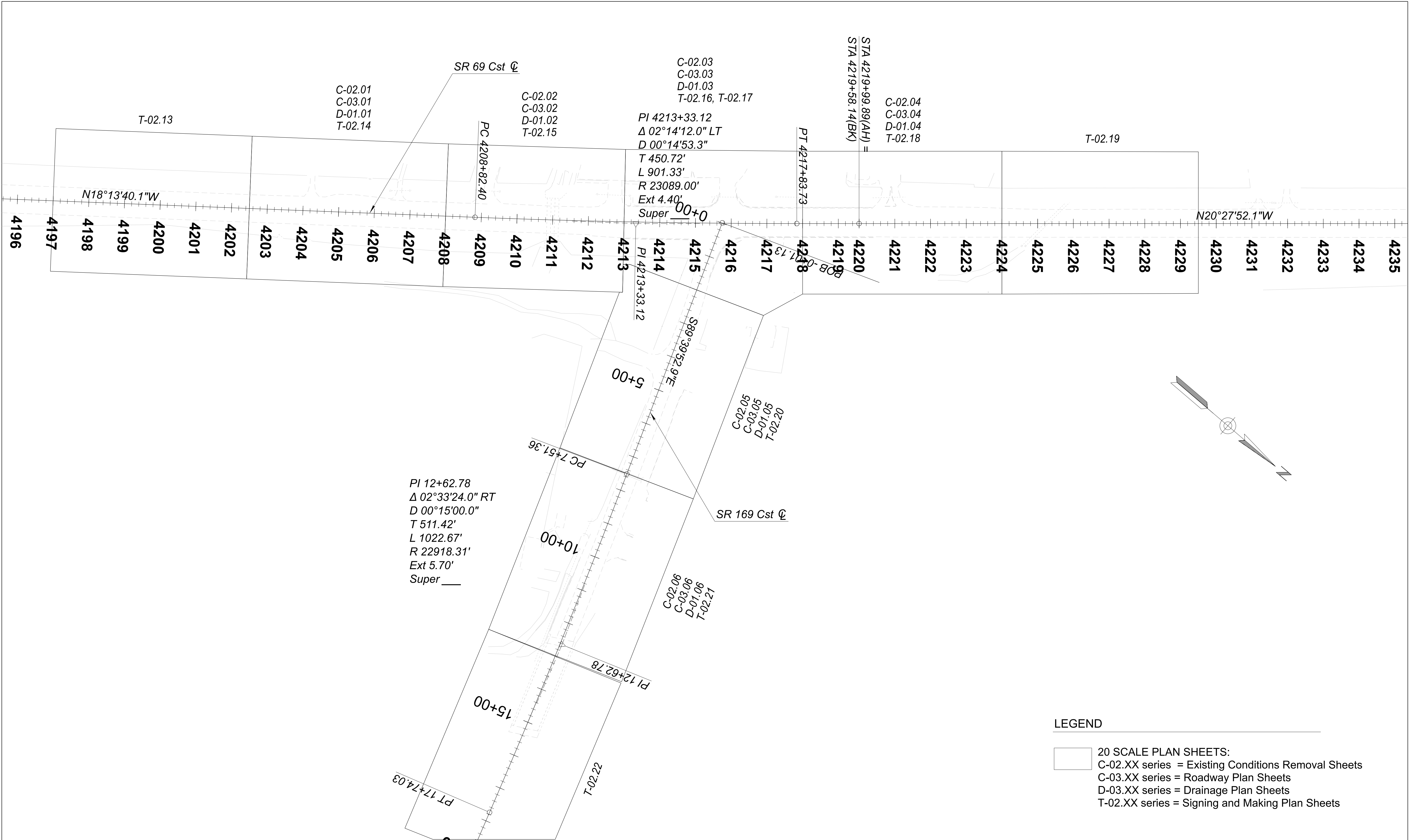
			NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING		
		DESIGN	F. MEDRANO	6/26		SR69		ARIZ.	069 YV 280	069-A-NFA	13	126			
		DRAWN	CADD	6/26		MILEPOST									
		CHECKED	E. WATKINS	6/26		STRUCTURE NO.									
			501 N. 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (602) 459-5565 www.aztecus.com		DETAIL SHEET	SR 69 @ SR 169								DWG No.	G-04.03
						TRACS NO.		F0288 01C						OF	



DETAIL E

VARIABLE DEPTH MILLING & PAVING CONTROL SHEET

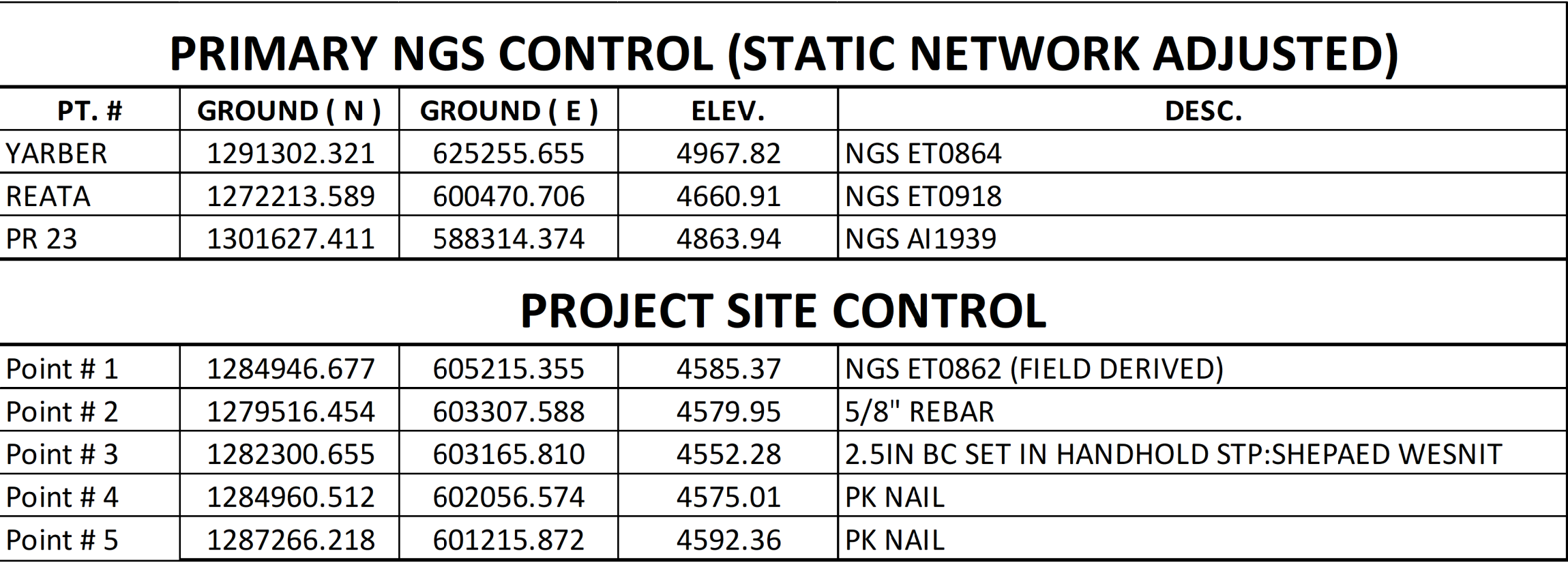
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	DESIGN	F. MEDRANO	6/26		MILEPOST			LOCATION	SR 69 @ SR 169	DWG No.	G-04.04	
	DRAWN	CADD	6/26		STRUCTURE NO.			TRACS NO.	F0288 01C	_____ OF _____		
	CHECKED	E. WATKINS	6/26									
  501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (480) 499-5565 www.aztecus.com				DETAIL SHEET								



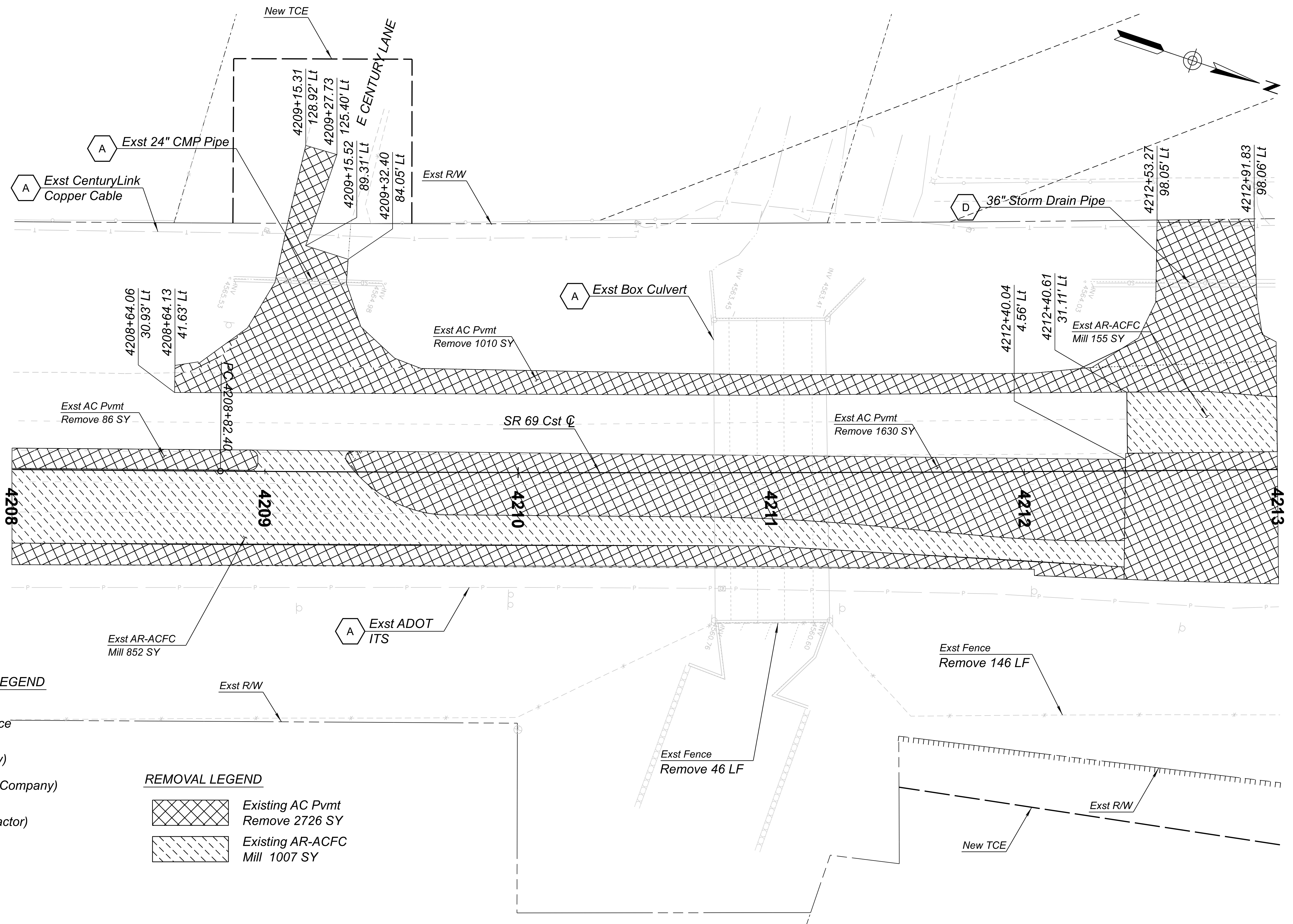
LEGEND

- 20 SCALE PLAN SHEETS:
- C-02.XX series = Existing Conditions Removal Sheets
 - C-03.XX series = Roadway Plan Sheets
 - D-03.XX series = Drainage Plan Sheets
 - T-02.XX series = Signing and Making Plan Sheets

	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING		
	DESIGN	F. MEDRANO	6/26		SR69									
	DRAWN	CADD	6/26						069 YV 280	069-A-NFA	15	126		
	CHECKED	E. WATKINS	6/26											
	 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5565 www.aztecus.com				PLAN KEY MAP		LOCATION		SR 69 @ SR 169				DWG No.	G-05.01
						STRUCTURE NO.	TRACS NO.		F0288 01C		____ OF ____			



Therese Rosalez 6/2/2026 6:32:27 PM AZDOT\AZFWY1602-21_SR69@SR169_Roundabout_ORD\Cadd\Sheets\Roadway\10288geo01.dgn



UTILITY DISPOSITION LEGEND

- A Protect in Place
To Remain in Service
- B Relocate or Adjust
(By Utility Company)
- C Remove (By Utility Company)
- D Remove (By Contractor)

REMOVAL LEGEND

- Existing AC Pvmnt
Remove 2726 SY
- Existing AR-ACFC
Mill 1007 SY



	NAME	DATE
DESIGN	F. MEDRANO	6/26
DRAWN	CADD	6/26
CHECKED	E. WATKINS	6/26

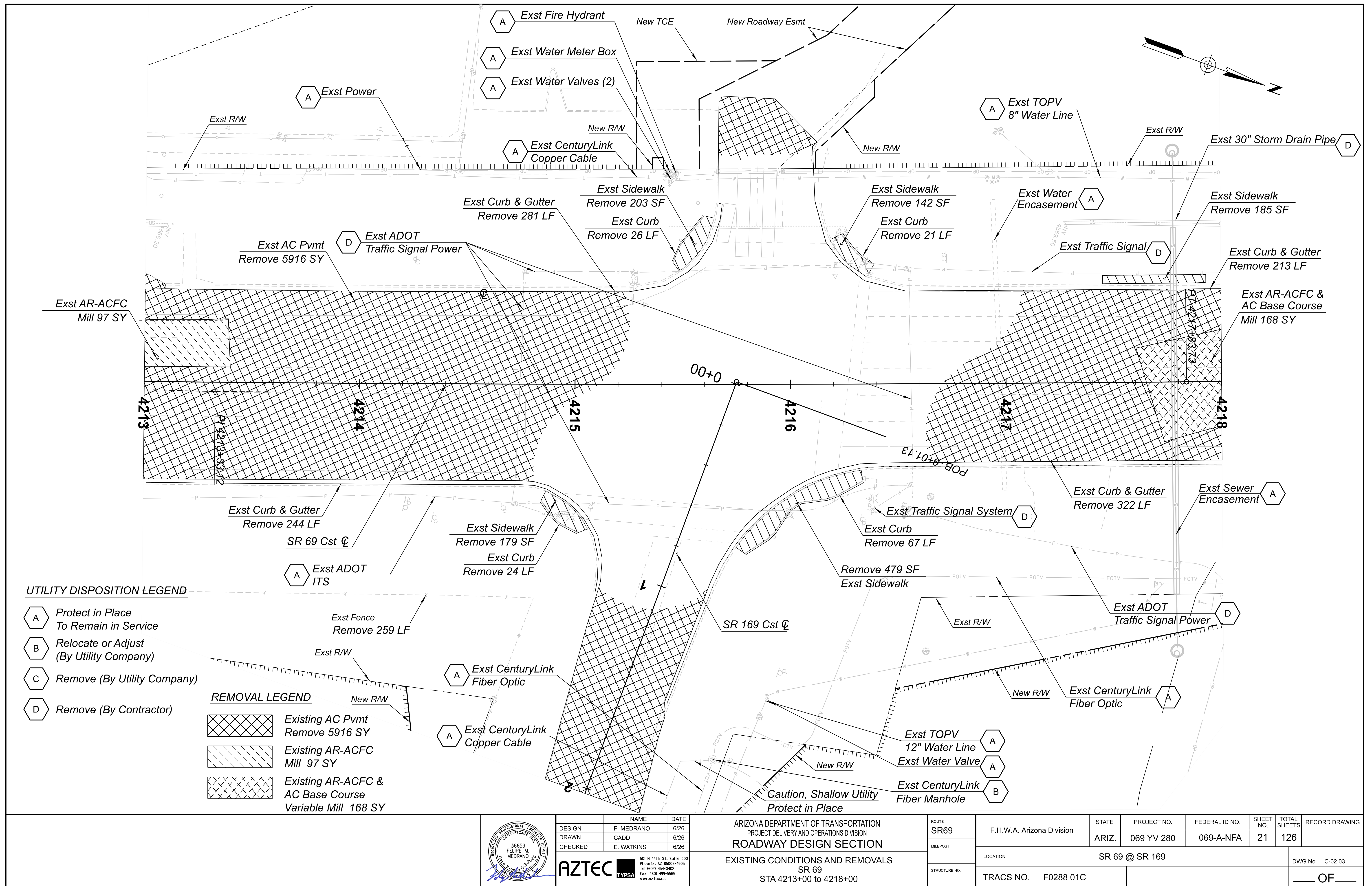
501 N 44th St, Suite 300
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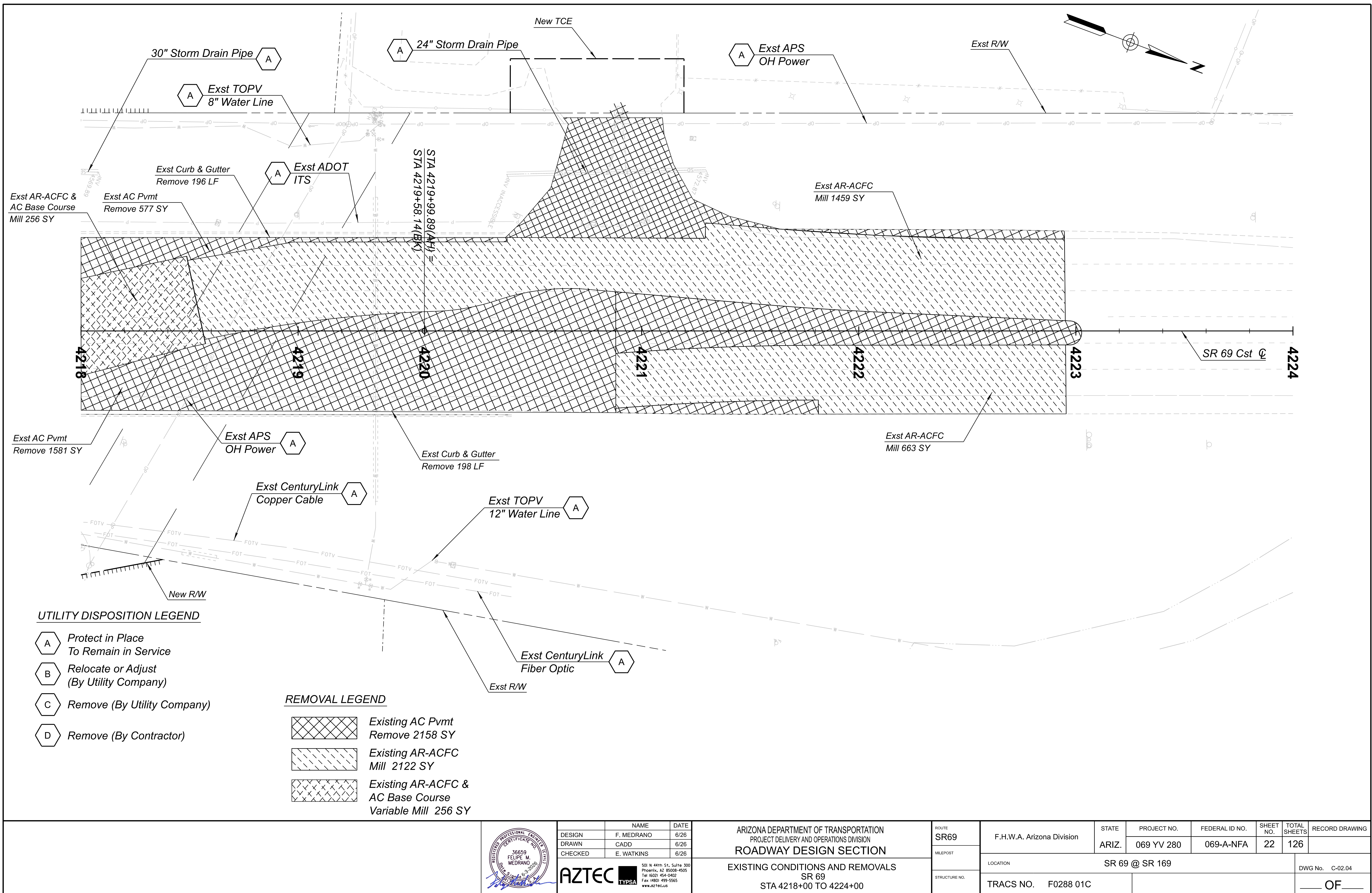
AZTEC **TYPSA**

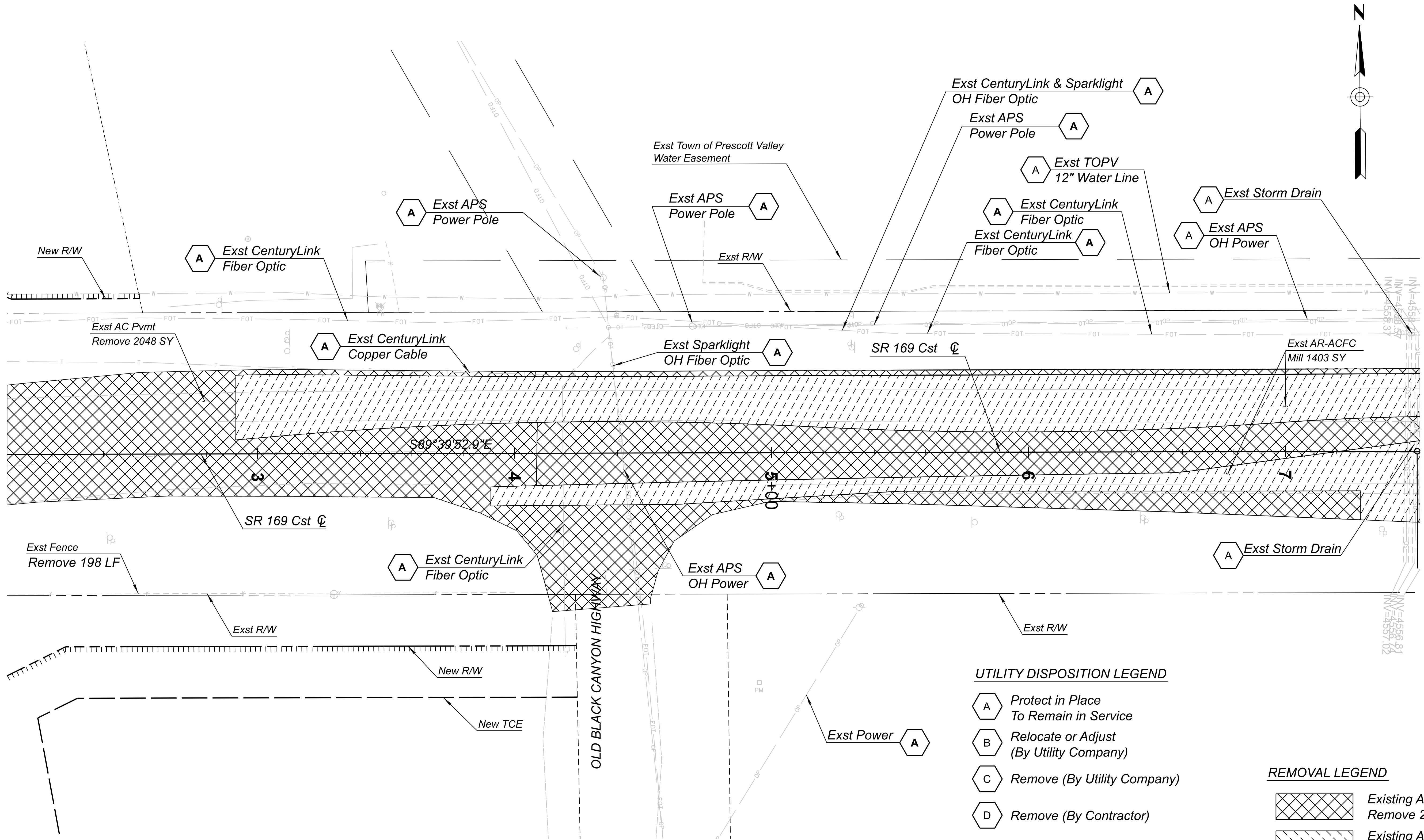
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

EXISTING CONDITIONS AND REMOVALS
SR 69
STA 4208+00 TO 4213+00

ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 20	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST	SR 69 @ SR 169						DWG No. C-02.02
STRUCTURE NO.	TRACS NO. F0288 01C						OF







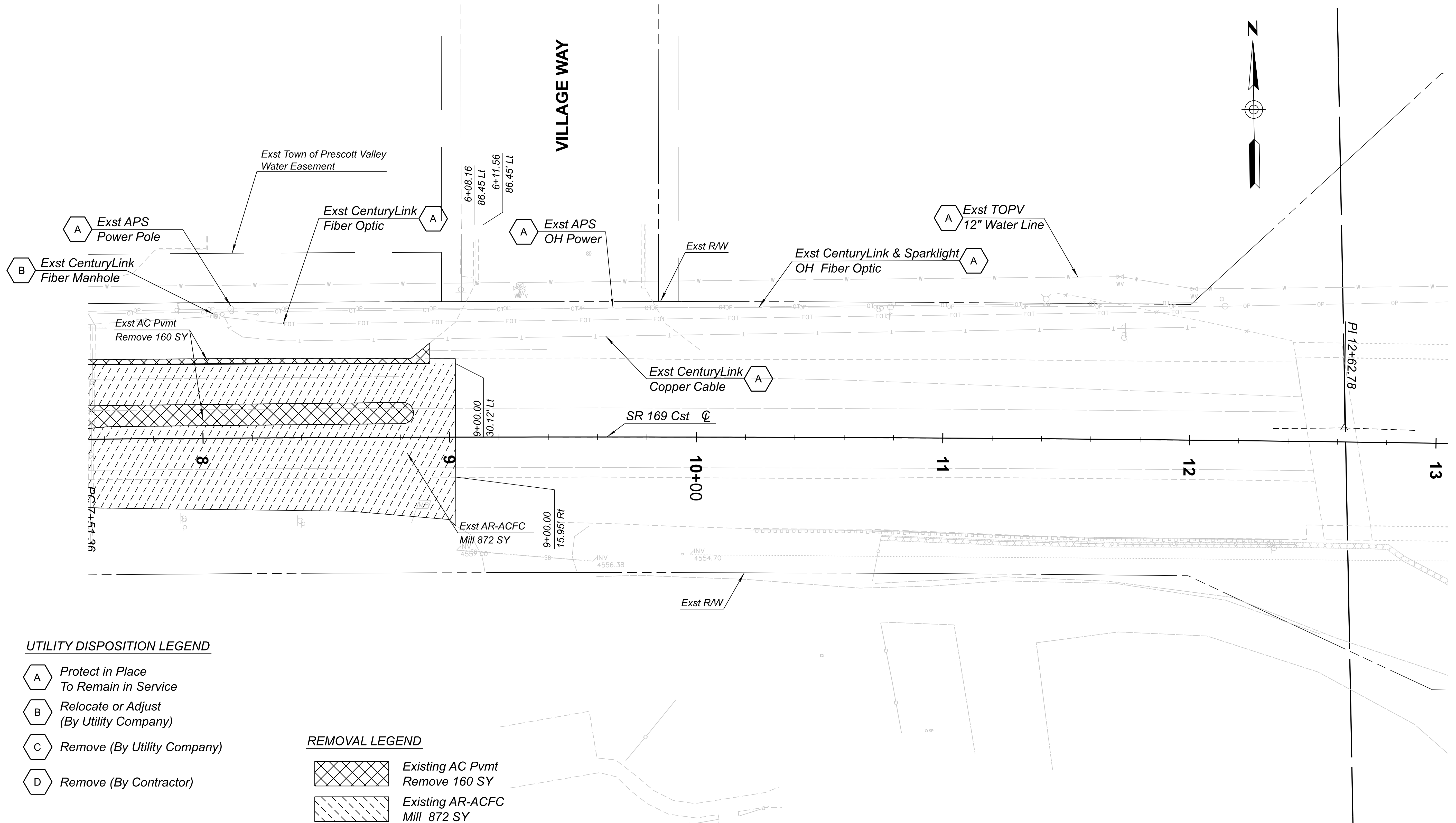
UTILITY DISPOSITION LEGEND

- Protect in Place
To Remain in Service
- Relocate or Adjust
(By Utility Company)
- Remove (By Utility Company)
- Remove (By Contractor)

REMOVAL LEGEND

- Existing AC Pvmt
Remove 2048 SY
- Existing AR-ACFC
Mill 1403 SY

	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	
	DESIGN		F. MEDRANO		6/26		SR69	ARIZ.	069 YV 280	069-A-NFA	23	126	
	DRAWN		CADD		6/26		MILEPOST	LOCATION SR 69 @ SR 169					
	CHECKED		E. WATKINS		6/26		STRUCTURE NO.	DWG No. C-02.05					
	AZTEC		501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5565 www.aztecus.com		EXISTING CONDITIONS AND REMOVALS SR 169 STA 2+00 TO 7+50		TRACS NO. F0288 01C		OF				



UTILITY DISPOSITION LEGEND

- A Protect in Place
To Remain in Service
- B Relocate or Adjust
(By Utility Company)
- C Remove (By Utility Company)
- D Remove (By Contractor)

REMOVAL LEGEND

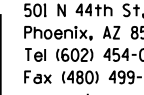
- Existing AC Pvmt
Remove 160 SY
- Existing AR-ACFC
Mill 872 SY



	NAME	DATE
DESIGN	F. MEDRANO	6/26
DRAWN	CADD	6/26
CHECKED	E. WATKINS	6/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

EXISTING CONDITIONS AND REMOVALS
SR 169
STA 7+50 TO 13+00

ROUTE
SR69

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

LOCATION

TRACS NO. F0288 01C

STATE
ARIZ.

PROJECT NO.
069 YV 280

FEDERAL ID NO.
069-A-NFA

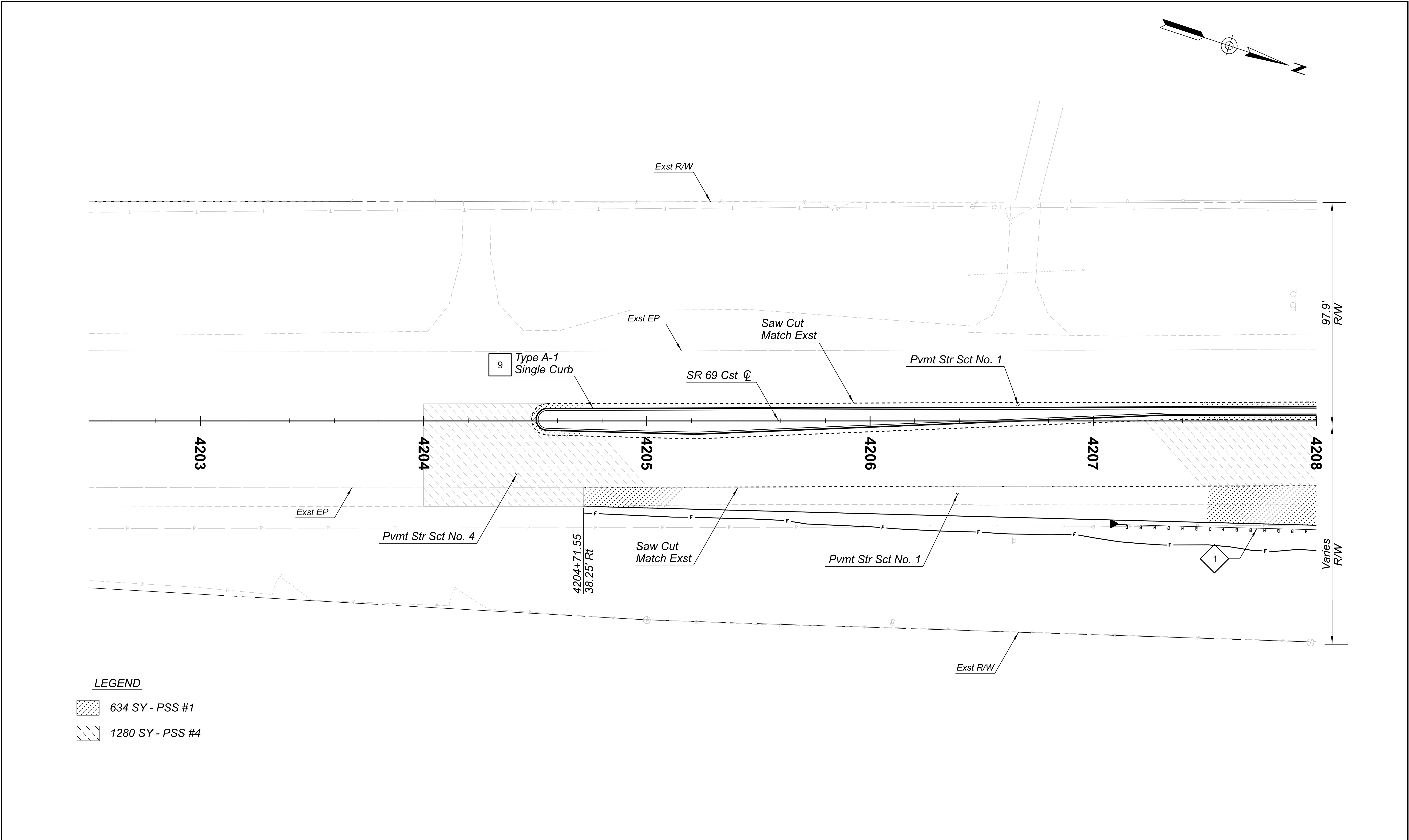
SHEET
NO. 24

TOTAL
SHEETS 126

RECORD DRAWING

DWG No. C-02.06

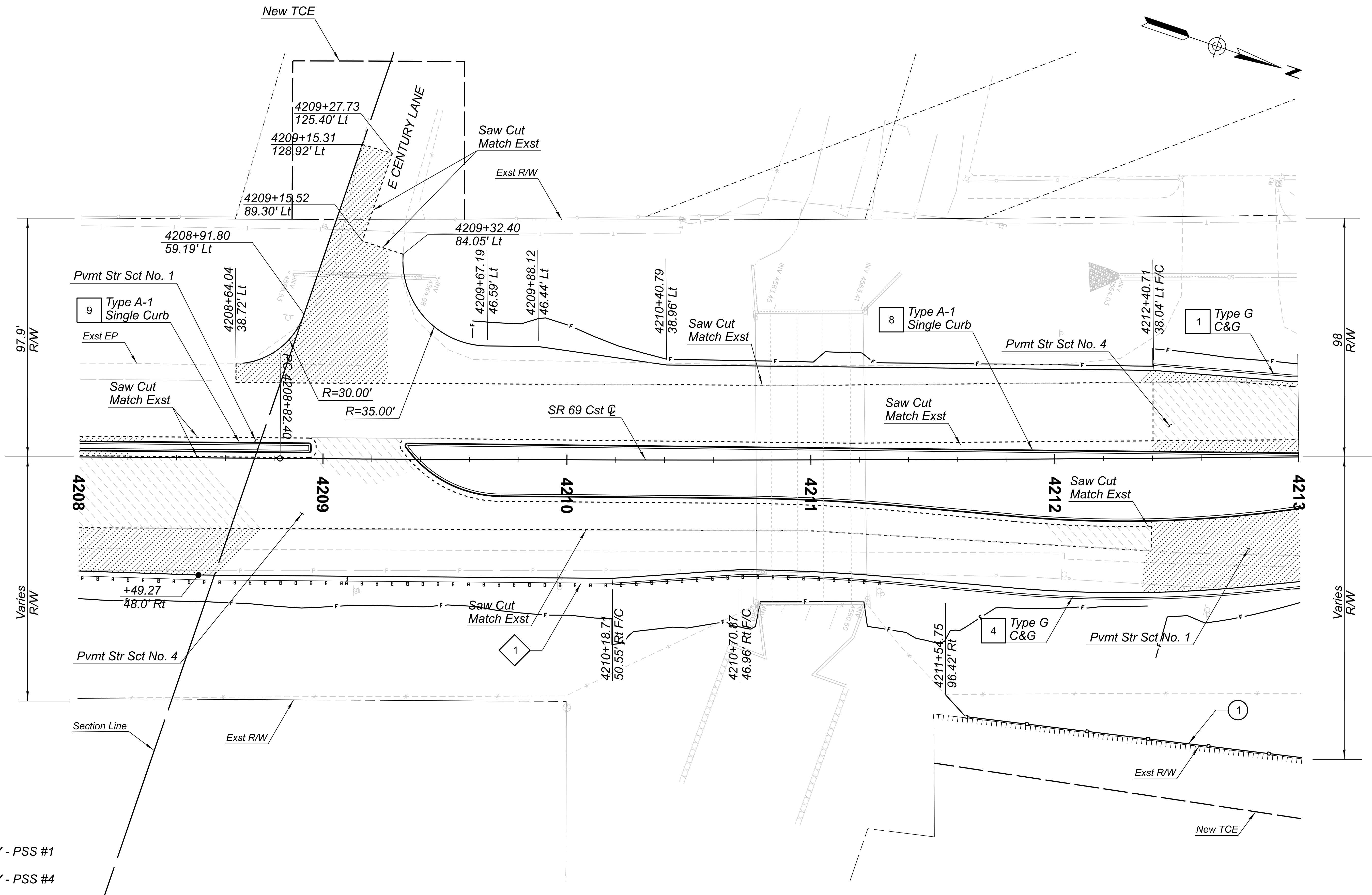
OF



LEGEND

- 634 SY - PSS #1
- 1280 SY - PSS #4

	DESIGN	F. MEDRANO	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING		
	DRAWN	CADD	6/26		069 YV 280			069-A-NFA	25	126				
	CHECKED	E. WATKINS	6/26											
	 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5565 www.aztecus.com				PAVING PLAN SHEET SR 69 STA 4202+50 TO 4208+00				LOCATION SR 69 @ SR 169				DWG No.	C-03.01
									TRACS NO. F0288 01C				____ OF ____	



LEGEND

- 2024 SY - PSS #1
- 1010 SY - PSS #4



	NAME	DATE
DESIGN	F. MEDRANO	6/26
DRAWN	CADD	6/26
CHECKED	E. WATKINS	6/26

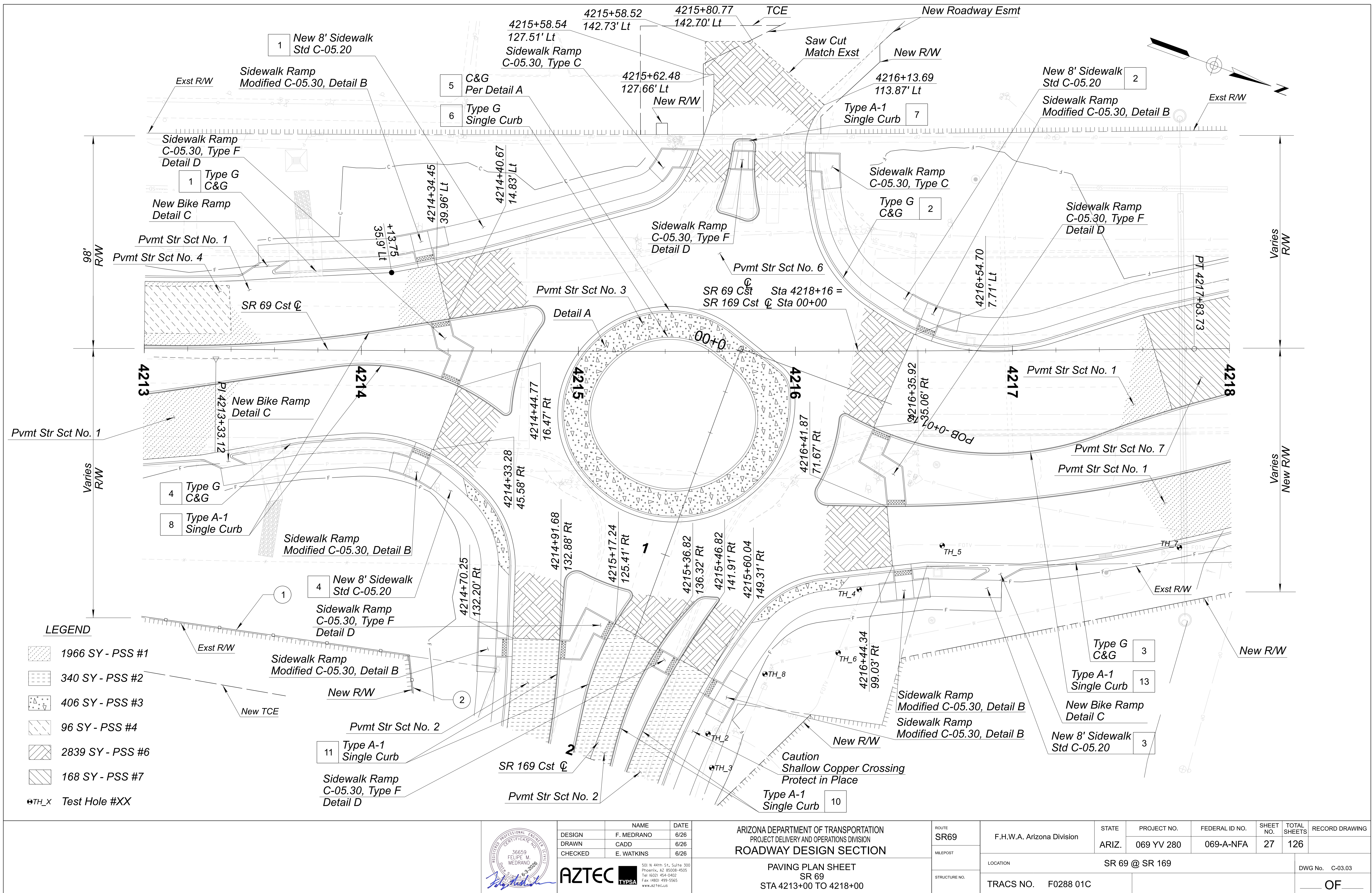
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Phoenix, AZ 85008-4505
Tel: (602) 454-0402
Fax: (602) 459-5565
www.aztecus.com

AZTEC **TYPSA**

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

PAVING PLAN SHEET
SR 69
STA 4208+00 TO 4213+00

ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 26	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST	SR 69 @ SR 169					DWG No. C-03.02	
STRUCTURE NO.	TRACS NO. F0288 01C					___ OF ___	



LEGEND

- 1966 SY - PSS #1
- 340 SY - PSS #2
- 406 SY - PSS #3
- 96 SY - PSS #4
- 2839 SY - PSS #6
- 168 SY - PSS #7
- TH_X Test Hole #XX



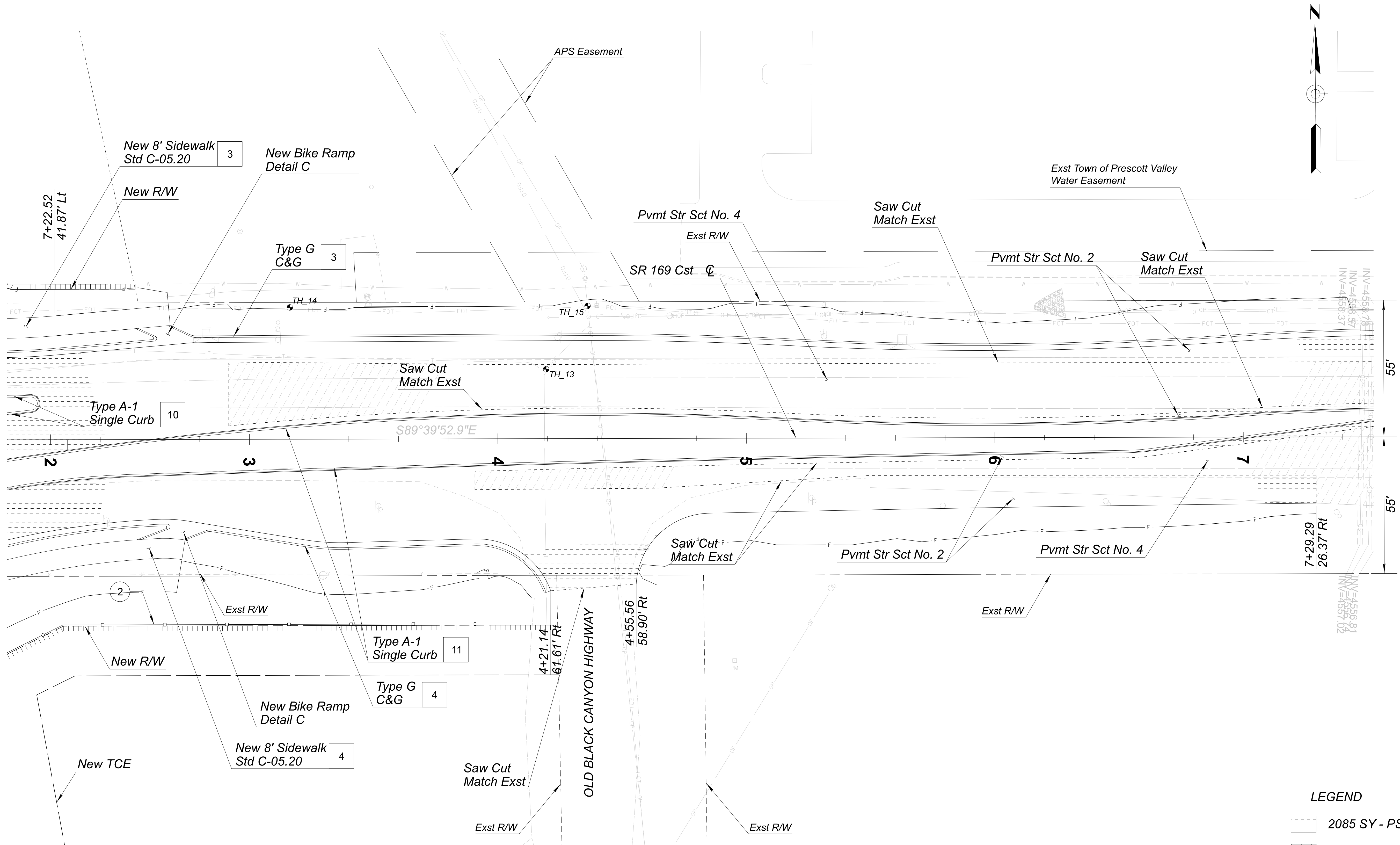
	NAME	DATE
DESIGN	F. MEDRANO	6/26
DRAWN	CADD	6/26
CHECKED	E. WATKINS	6/26

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Phoenix, AZ 85008-4505
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Fax (602) 459-5565
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION
PAVING PLAN SHEET
SR 69
STA 4213+00 TO 4218+00

ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 27	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST							
	LOCATION SR 69 @ SR 169						DWG No. C-03.03
STRUCTURE NO.	TRACS NO. F0288 01C			____ OF ____			



LEGEND

- 2085 SY - PSS #2
- 1391 SY - PSS #4
- TH_X Test Hole #XX



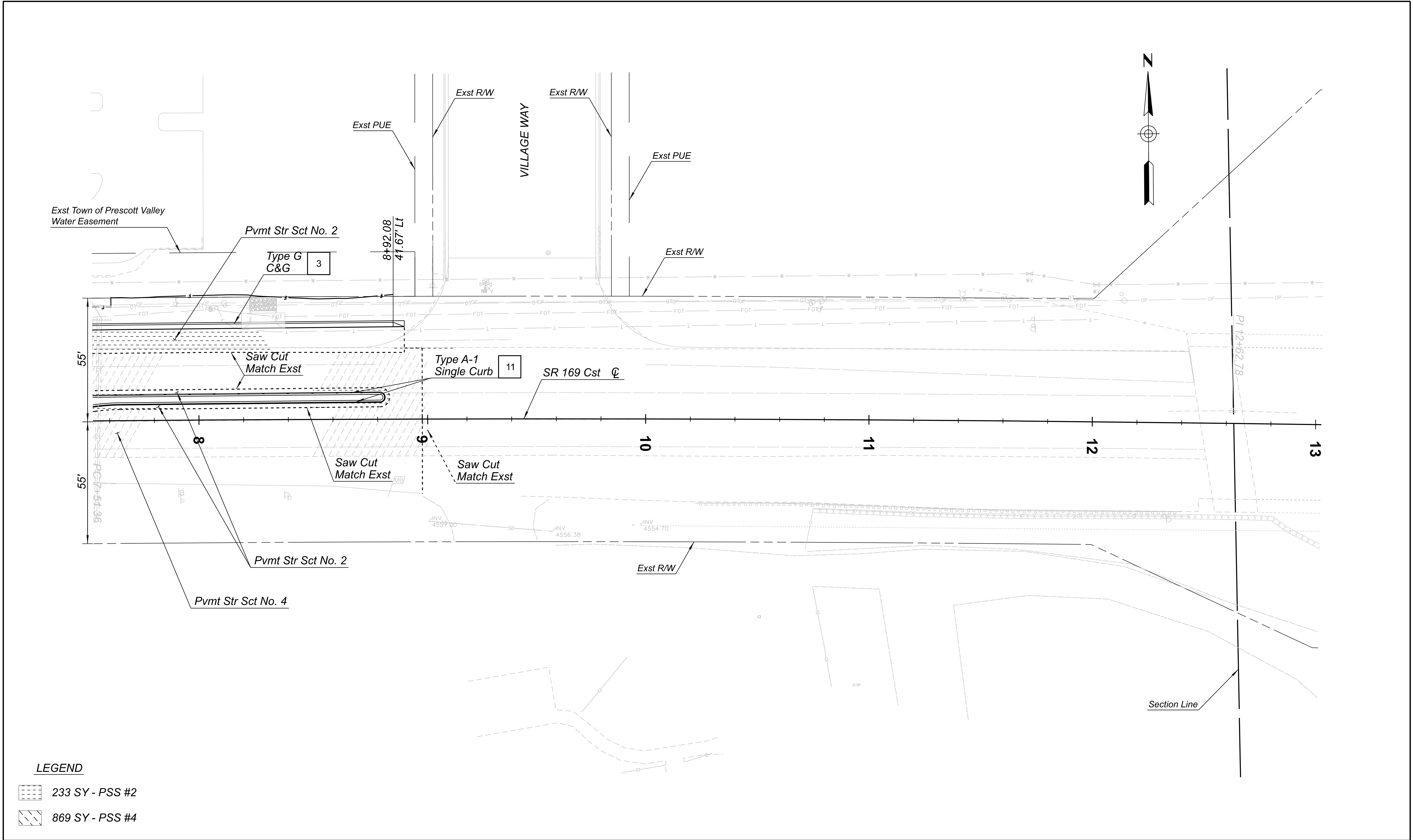
	NAME	DATE
DESIGN	F. MEDRANO	6/26
DRAWN	CADD	6/26
CHECKED	E. WATKINS	6/26
501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel (602) 954-0402 Fax (602) 959-5565 www.aztecus.com		

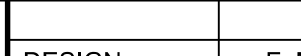


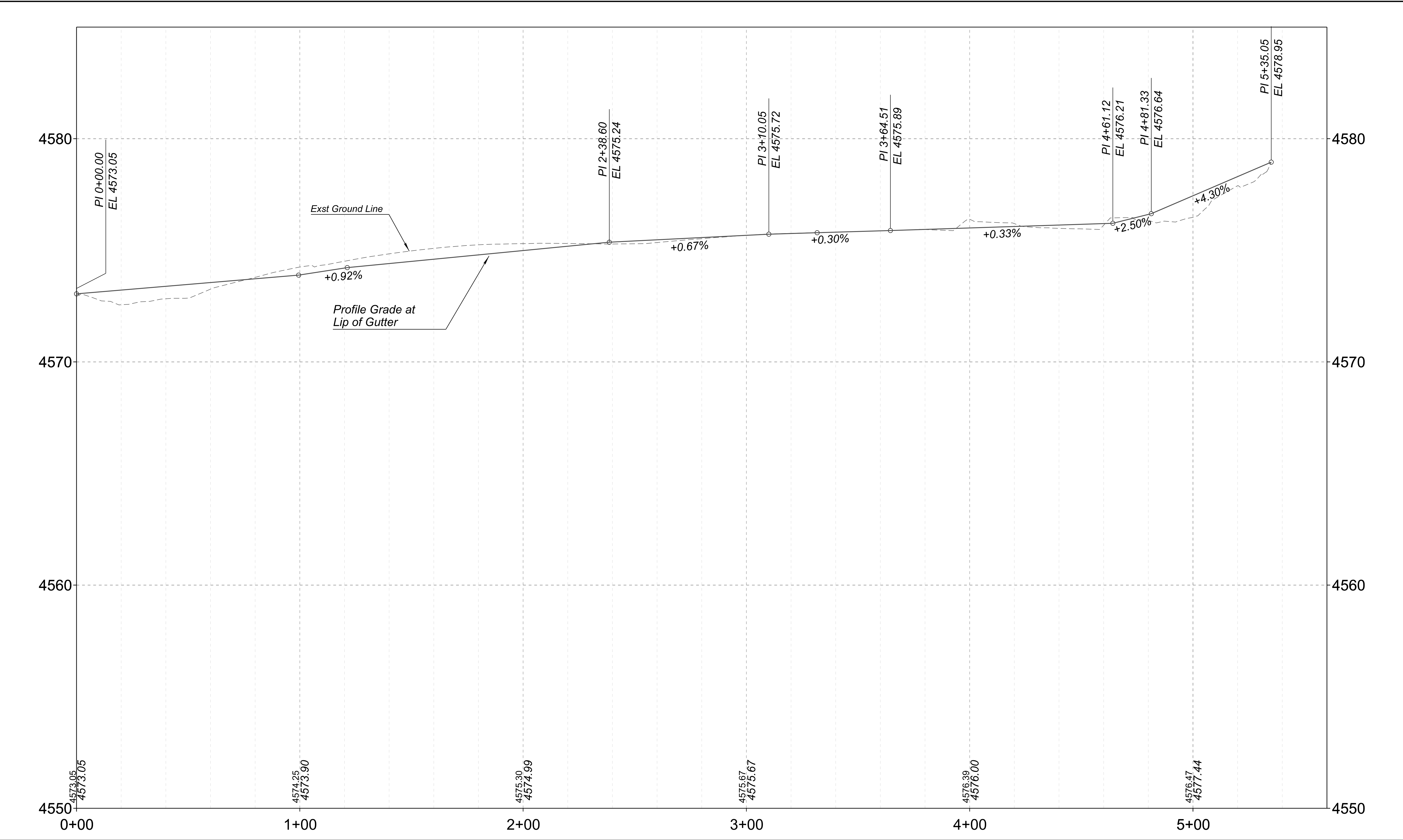
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

PAVING PLAN SHEET
SR 169
STA 2+00 TO 7+50

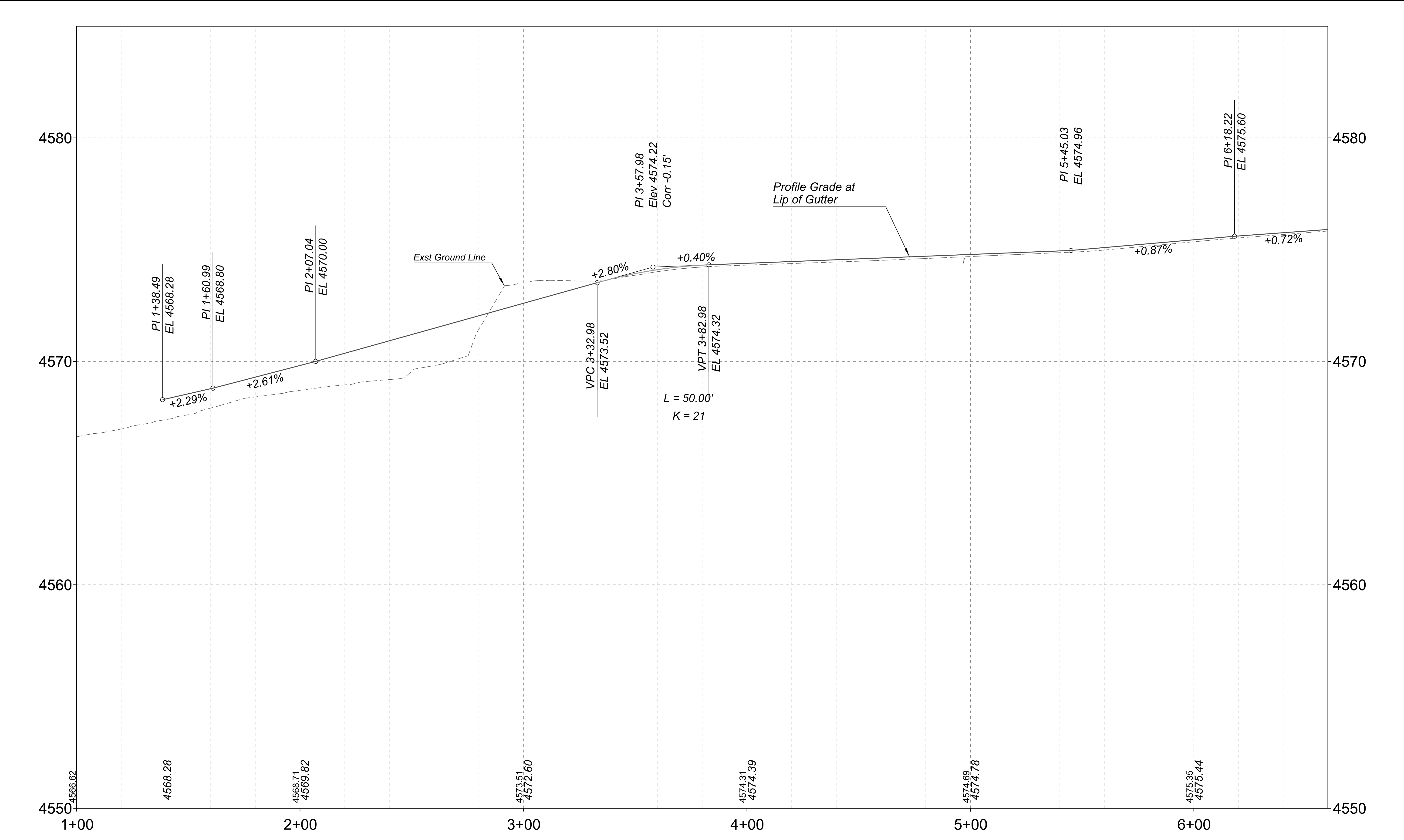
ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 29	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST	SR 69 @ SR 169						DWG No. C-03.05
STRUCTURE NO.	TRACS NO. F0288 01C						OF



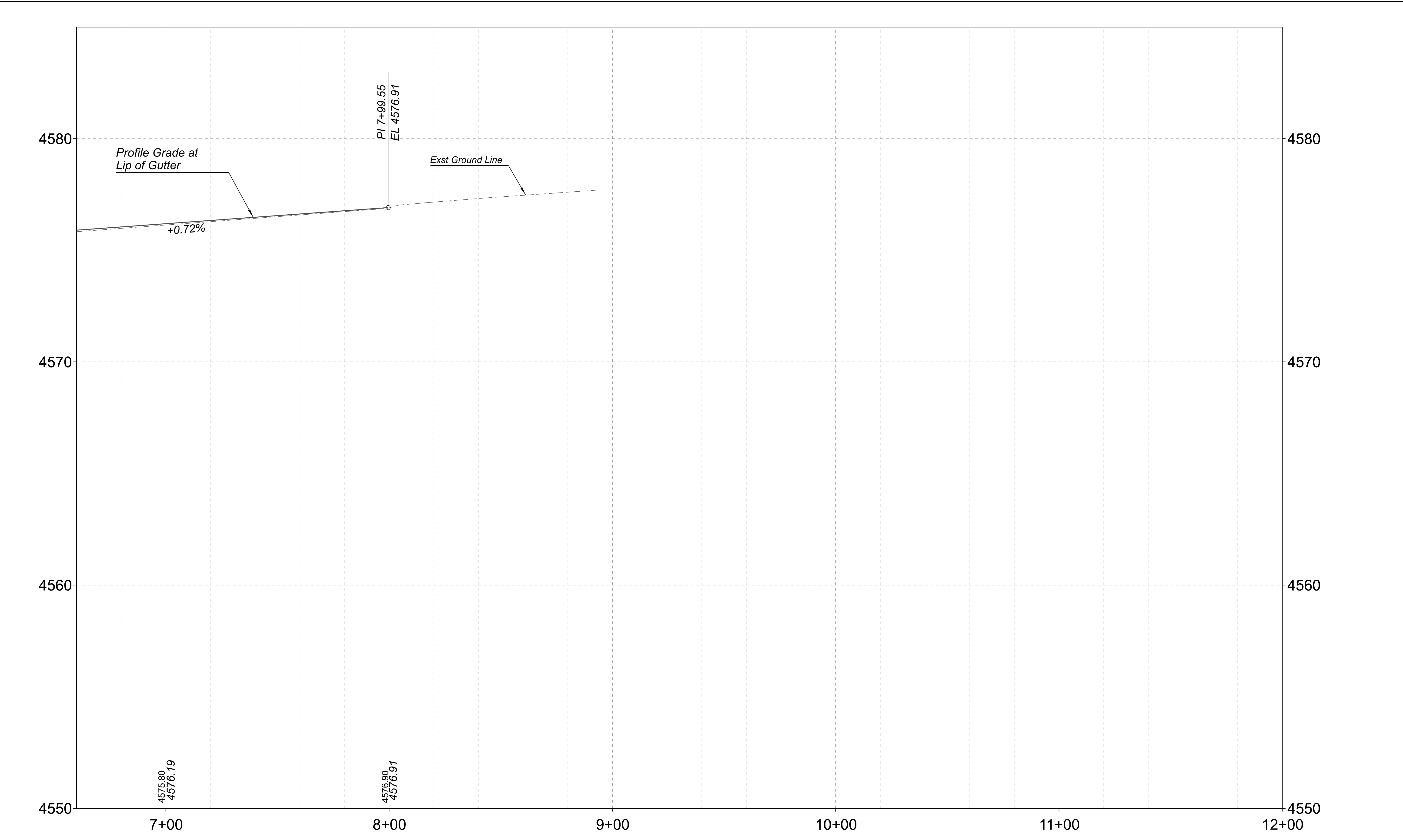
	DESIGN	F. MEDRANO	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	SR69	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING			
	DRAWN	CADD	6/26		MILEPOST											
	CHECKED	E. WATKINS	6/26		STRUCTURE NO.											
	 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel 1602 454-0402 Tel 1480 499-5565 www.aztecus.com	PAVING PLAN SHEET SR 169 STA 7+50 TO 13+00			LOCATION									SR 69 @ SR 169		DWG No. C-03.06
			TRACS NO. F0288 01C									OF				



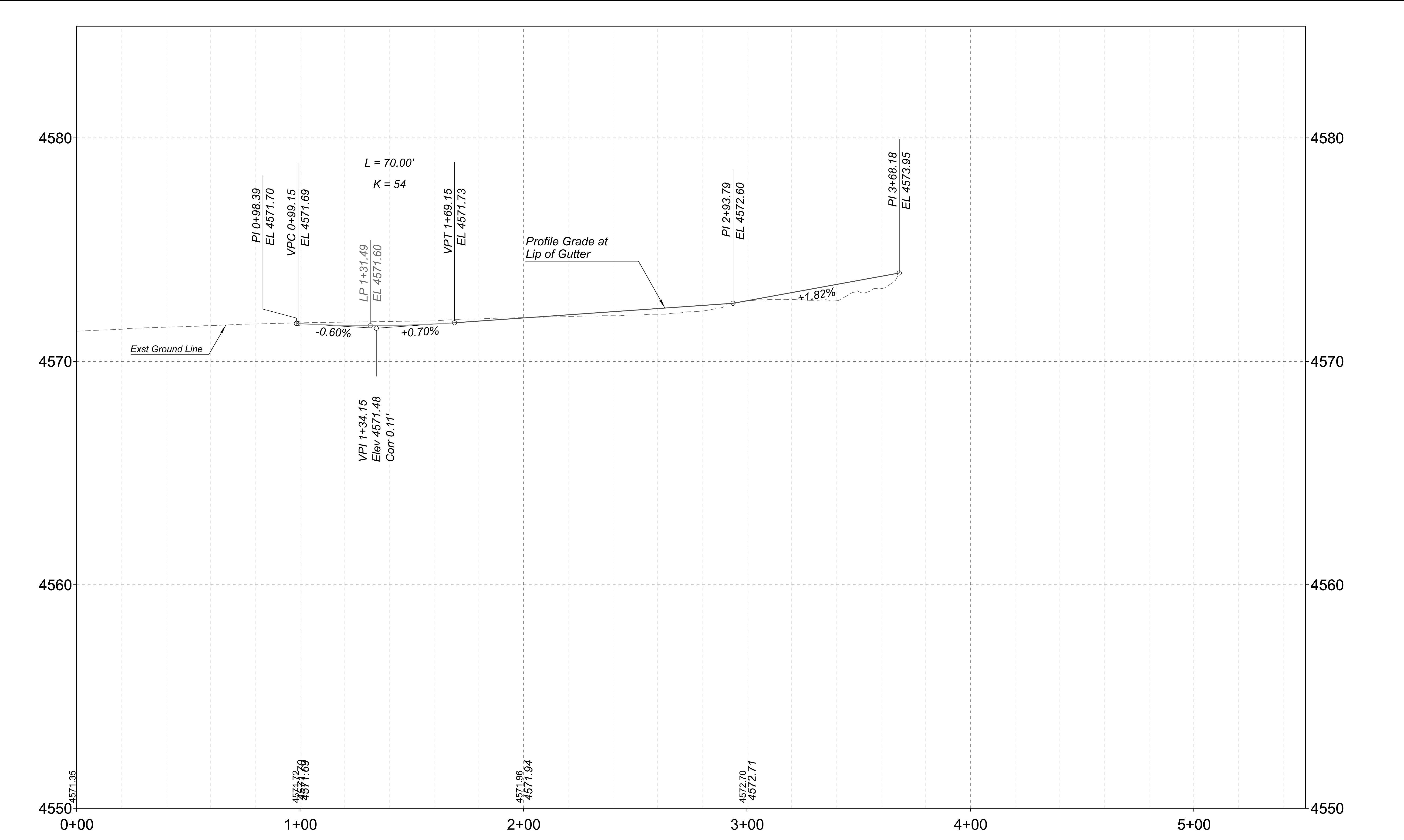
 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5565 www.aztecus.com	AZTEC 		ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION		ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 31	TOTAL SHEETS 126	RECORD DRAWING		
	DESIGN DRAWN CHECKED	F. MEDRANO CADD E. WATKINS	6/26 6/26 6/26	MILEPOST										
	PROFILE SHEET NORTHWEST CORNER			LOCATION SR 69 @ SR 169									DWG No.	C-04.01
				TRACS NO. F0288 01C									___ OF ___	



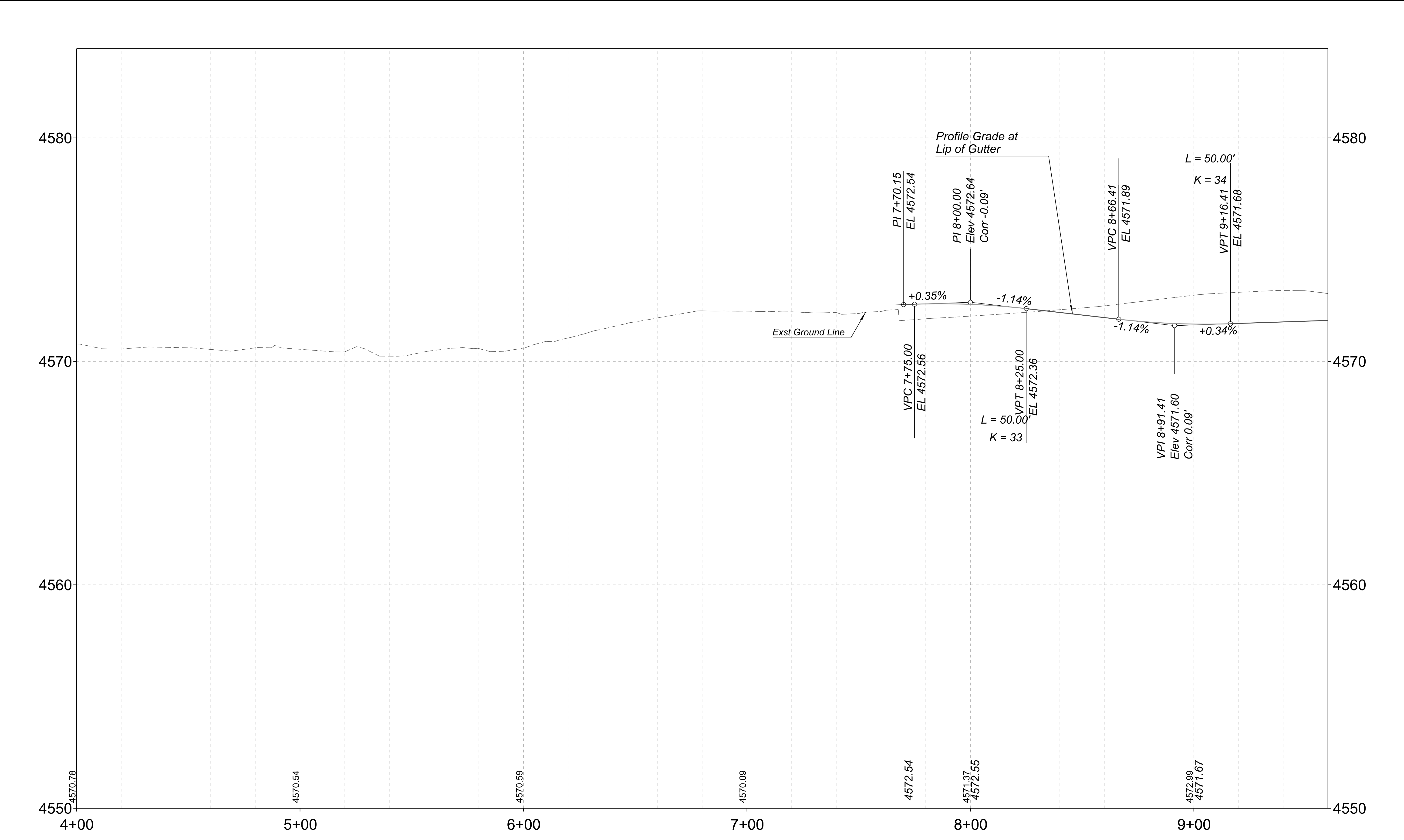
	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	
	DESIGN		F. MEDRANO		6/26			SR69	069 YV 280	069-A-NFA	32	126	
	DRAWN		CADD		6/26								
	CHECKED		E. WATKINS		6/26								
	501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5565 www.aztecus.com				PROFILE SHEET NORTHEAST CORNER								



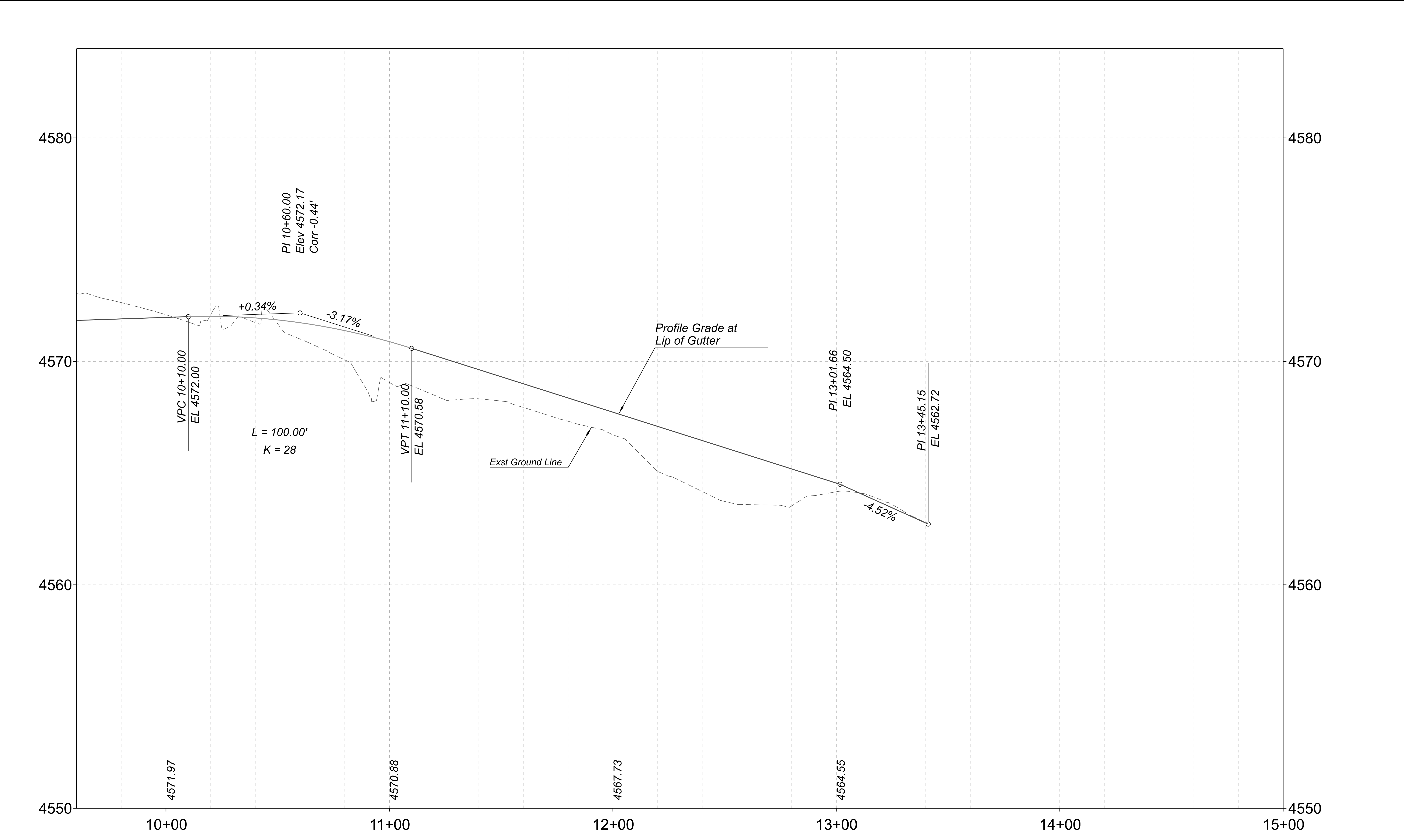
	DESIGN	F. MEDRANO	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	SR69	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	069 YV 280	FEDERAL ID NO.	069-A-NFA	SHEET NO.	33	TOTAL SHEETS	126	RECORD DRAWING
	DRAWN	CADD	6/26		MILEPOST	SR 69 @ SR 169								DWG No.	C-04.03			
	CHECKED	E. WATKINS	6/26		STRUCTURE NO.	TRACS NO. F0288 01C								OF				
	 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5565 www.aztecus.com				PROFILE SHEET NORTHEAST CORNER													



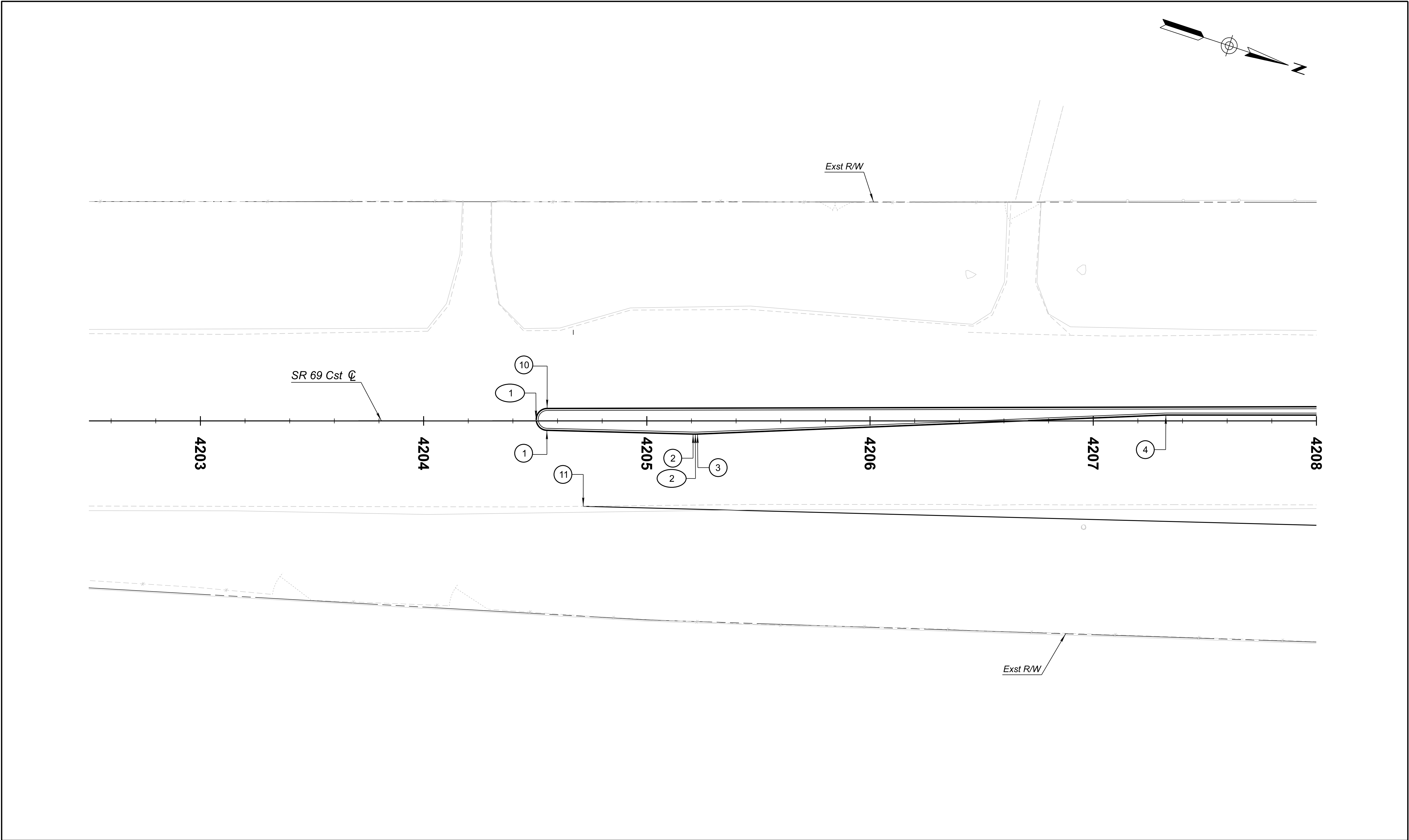
		NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	F. MEDRANO	6/26		SR69		ARIZ.	069 YV 280	069-A-NFA	34	126	
	DRAWN	CADD	6/26									
	CHECKED	E. WATKINS	6/26									
	501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel 602 454-0402 Fax 480 499-5565 www.aztypers.com			PROFILE SHEET SOUTHWEST CORNER	MILEPOST	LOCATION SR 69 @ SR 169						DWG No. C-04.04
					STRUCTURE NO.	TRACS NO. F0288 01C						___ OF ___



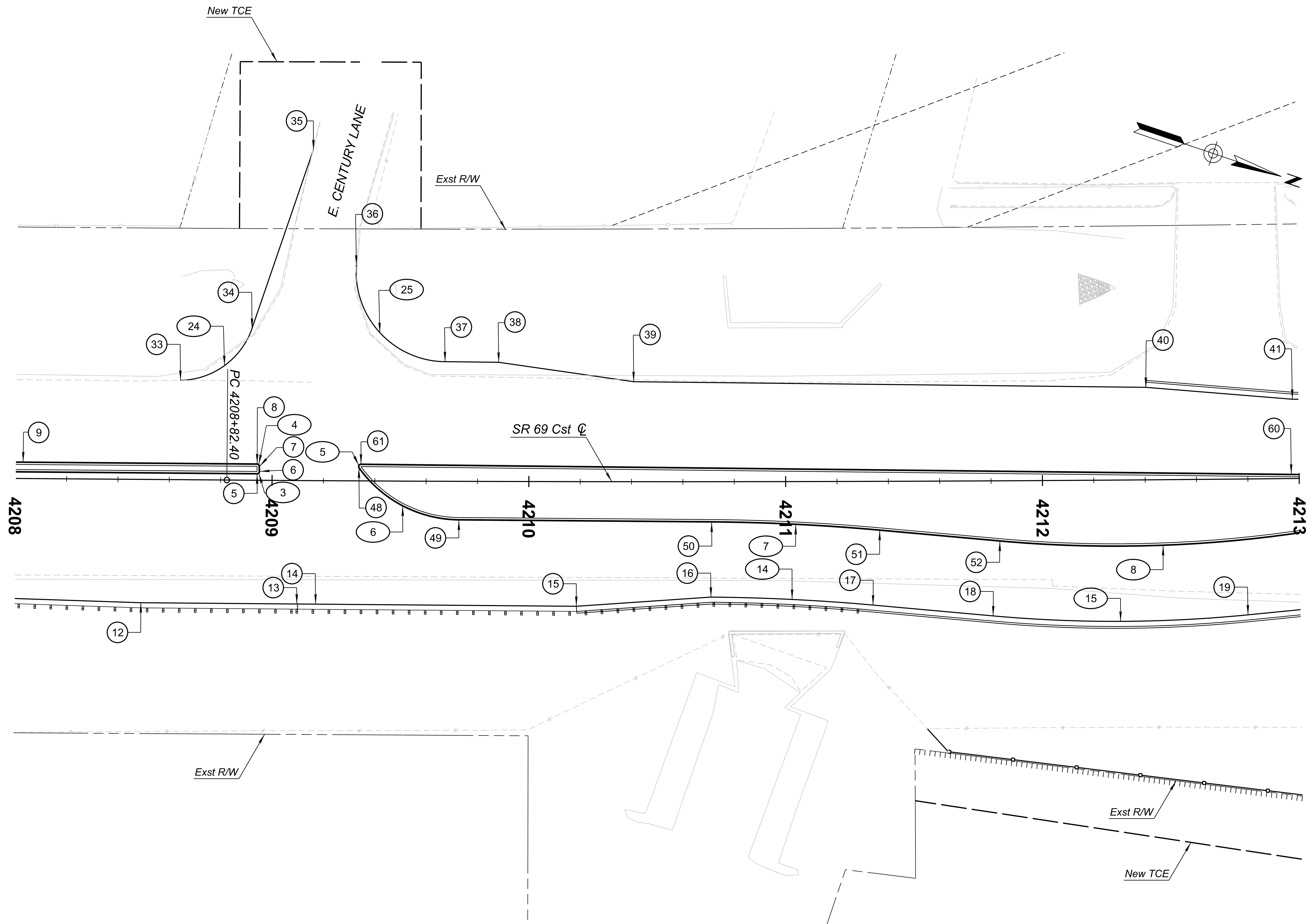
		NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING		
	DESIGN	F. MEDRANO	6/26		SR69		ARIZ.	069 YV 280	069-A-NFA	35	126			
	DRAWN	CADD	6/26											
	CHECKED	E. WATKINS	6/26											
		 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel 602/454-0402 Tel 480/499-5565 www.aztecus.com			PROFILE SHEET SOUTHEAST CORNER	MILEPOST	SR 69 @ SR 169						DWG No.	C-04.05
						STRUCTURE NO.	TRACS NO. F0288 01C						____ OF ____	



 AZTEC  501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5565 www.aztecus.com	<table><tr><th></th><th>NAME</th><th>DATE</th></tr><tr><td>DESIGN</td><td>F. MEDRANO</td><td>6/26</td></tr><tr><td>DRAWN</td><td>CADD</td><td>6/26</td></tr><tr><td>CHECKED</td><td>E. WATKINS</td><td>6/26</td></tr></table>			NAME	DATE	DESIGN	F. MEDRANO	6/26	DRAWN	CADD	6/26	CHECKED	E. WATKINS	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION		<table><tr><td>ROUTE</td><td>SR69</td></tr><tr><td>MILEPOST</td><td></td></tr><tr><td>STRUCTURE NO.</td><td></td></tr></table>		ROUTE	SR69	MILEPOST		STRUCTURE NO.		<table><tr><td>F.H.W.A. Arizona Division</td><td>STATE</td><td>PROJECT NO.</td><td>FEDERAL ID NO.</td><td>SHEET NO.</td><td>TOTAL SHEETS</td><td>RECORD DRAWING</td></tr><tr><td></td><td>ARIZ.</td><td>069 YV 280</td><td>069-A-NFA</td><td>36</td><td>126</td><td></td></tr></table>		F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING		ARIZ.	069 YV 280	069-A-NFA	36	126	
		NAME	DATE																																					
	DESIGN	F. MEDRANO	6/26																																					
	DRAWN	CADD	6/26																																					
CHECKED	E. WATKINS	6/26																																						
ROUTE	SR69																																							
MILEPOST																																								
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F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING																																		
	ARIZ.	069 YV 280	069-A-NFA	36	126																																			
PROFILE SHEET SOUTHEAST CORNER		<table><tr><td colspan="5">LOCATION</td><td>DWG No.</td><td>C-04.06</td></tr><tr><td colspan="5">TRACS NO. F0288 01C</td><td colspan="2">___ OF ___</td></tr></table>				LOCATION					DWG No.	C-04.06	TRACS NO. F0288 01C					___ OF ___																						
LOCATION					DWG No.	C-04.06																																		
TRACS NO. F0288 01C					___ OF ___																																			



36659 FELIPE M. MEDRANO SINCE 3-2-2009 REGISTERED PROFESSIONAL ENGINEER STATE OF ARIZONA AZTEC TYPSA 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (602) 459-5545 www.aztecus	<table><tr><td>DESIGN</td><td>F. MEDRANO</td><td>6/26</td></tr><tr><td>DRAWN</td><td>CADD</td><td>6/26</td></tr><tr><td>CHECKED</td><td>E. WATKINS</td><td>6/26</td></tr></table>		DESIGN	F. MEDRANO	6/26	DRAWN	CADD	6/26	CHECKED	E. WATKINS	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION		<table><tr><td>ROUTE</td><td>SR69</td></tr><tr><td>MILEPOST</td><td></td></tr><tr><td>STRUCTURE NO.</td><td></td></tr></table>	ROUTE	SR69	MILEPOST		STRUCTURE NO.		F.H.W.A. Arizona Division		STATE	ARIZ.	PROJECT NO.	069 YV 280	FEDERAL ID NO.	069-A-NFA	SHEET NO.	37	TOTAL SHEETS	126	RECORD DRAWING
	DESIGN	F. MEDRANO	6/26																														
	DRAWN	CADD	6/26																														
	CHECKED	E. WATKINS	6/26																														
	ROUTE	SR69																															
MILEPOST																																	
STRUCTURE NO.																																	
STAKING SHEET												SR 69 @ SR 169			DWG No. C-05.01																		
SR 69												TRACS NO. F0288 01C																					
STA 4202+50 TO 4208+00												____ OF ____																					



	NAME	DATE
DESIGN	F. MEDRANO	6/26
DRAWN	CADD	6/26
CHECKED	E. WATKINS	6/26

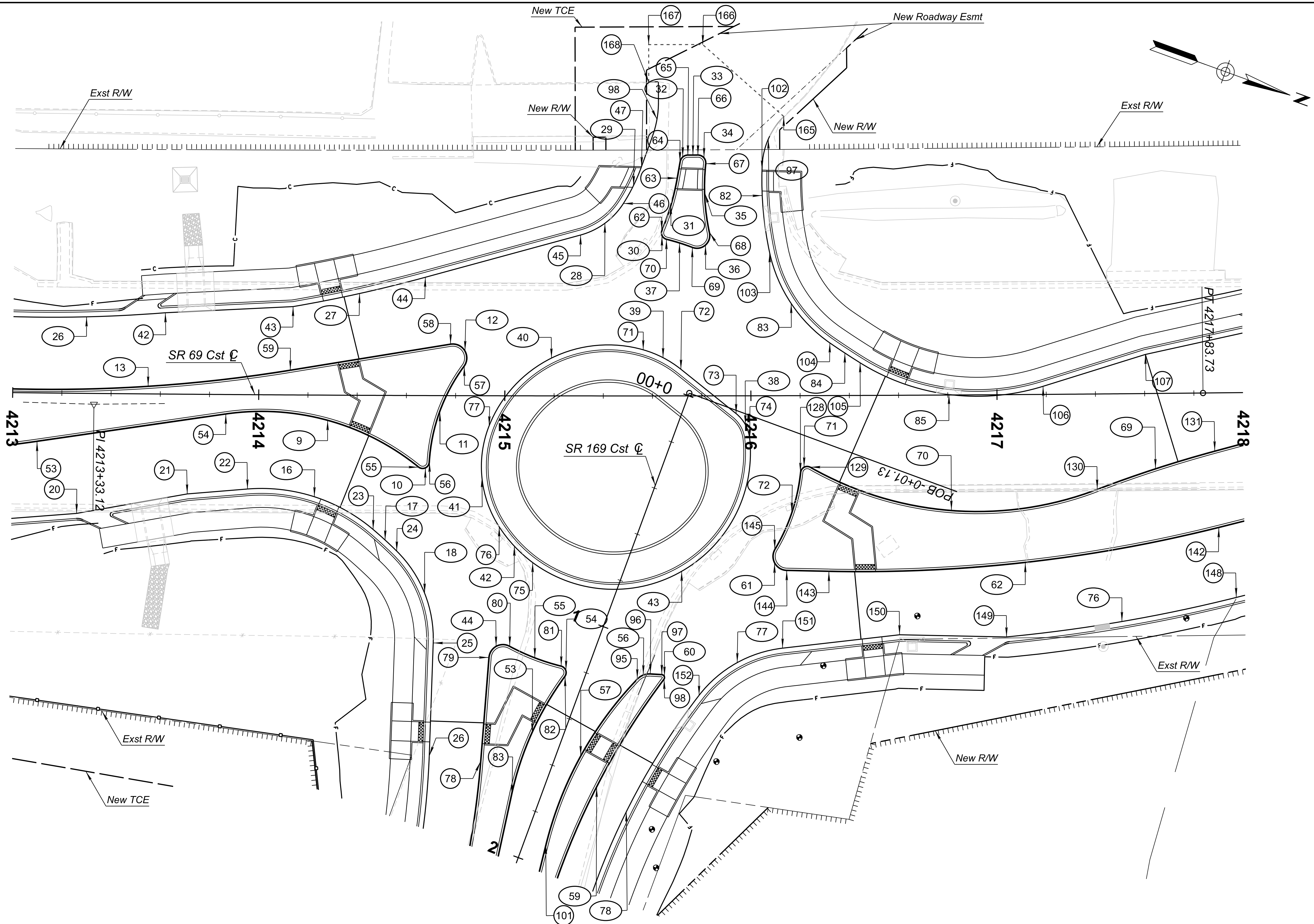
AZTEC TYPSA
501 N 44th St, Suite 300
Phoenix, AZ 85008-4505
Tel: (602) 454-0402
Fax: (602) 459-5565
www.aztecus.com

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

STAKING SHEET
SR 69
STA 4208+00 TO 4213+00

ROUTE	SR69
MILEPOST	
STRUCTURE NO.	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	ARIZ.	069 YV 280	069-A-NFA	38	126	
LOCATION						DWG No. C-05.02
TRACS NO. F0288 01C						____ OF ____



	NAME	DATE
DESIGN	F. MEDRANO	6/26
DRAWN	CADD	6/26
CHECKED	E. WATKINS	6/26

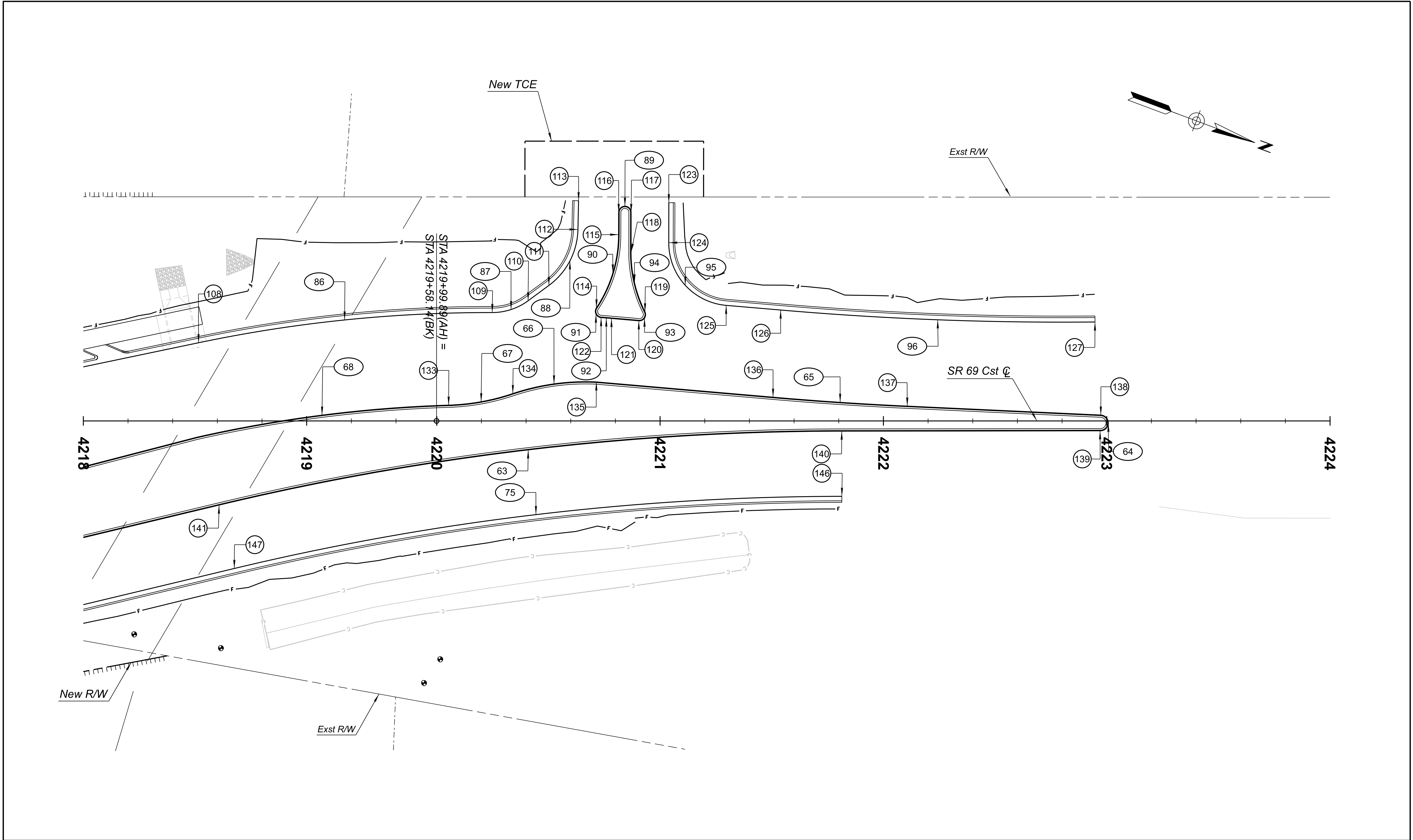
501 N 44th St, Suite 300
Phoenix, AZ 85008-4505
Tel: (602) 454-0402
Fax: (602) 454-0403
www.aztecus.com



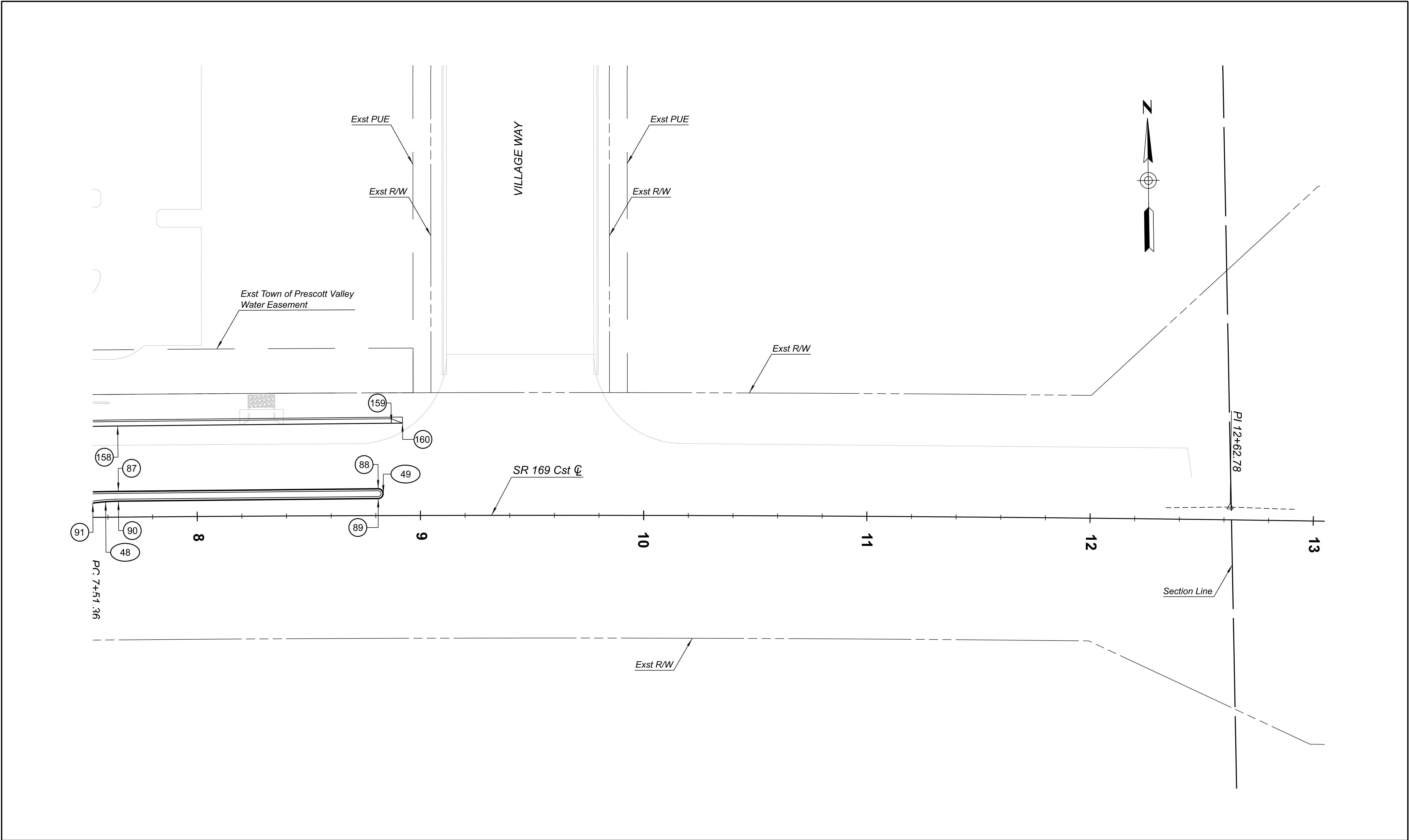
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

STAKING SHEET
SR 69
STA 4213+00 TO 4218+00

ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 39	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST	LOCATION SR 69 @ SR 169						DWG No. C-05.03
STRUCTURE NO.	TRACS NO. F0288 01C						OF



  501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (480) 499-5565 www.aztecusa.com	<table><tr><td></td><td>NAME</td><td>DATE</td></tr><tr><td>DESIGN</td><td>F. MEDRANO</td><td>6/26</td></tr><tr><td>DRAWN</td><td>CADD</td><td>6/26</td></tr><tr><td>CHECKED</td><td>E. WATKINS</td><td>6/26</td></tr></table>			NAME	DATE	DESIGN	F. MEDRANO	6/26	DRAWN	CADD	6/26	CHECKED	E. WATKINS	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION		<table><tr><td>ROUTE</td><td>SR69</td></tr><tr><td>MILEPOST</td><td></td></tr><tr><td>STRUCTURE NO.</td><td></td></tr></table>		ROUTE	SR69	MILEPOST		STRUCTURE NO.		<table><tr><td rowspan="2">F.H.W.A. Arizona Division</td><td rowspan="2">STATE ARIZ.</td><td>PROJECT NO.</td><td>FEDERAL ID NO.</td><td>SHEET NO.</td><td>TOTAL SHEETS</td><td rowspan="2">RECORD DRAWING</td></tr><tr><td>069 YV 280</td><td>069-A-NFA</td><td>40</td><td>126</td></tr></table>		F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	069 YV 280	069-A-NFA	40	126
		NAME	DATE																																		
	DESIGN	F. MEDRANO	6/26																																		
	DRAWN	CADD	6/26																																		
CHECKED	E. WATKINS	6/26																																			
ROUTE	SR69																																				
MILEPOST																																					
STRUCTURE NO.																																					
F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING																															
		069 YV 280	069-A-NFA	40	126																																
					<table><tr><td colspan="5">LOCATION</td><td rowspan="2">DWG No. C-05.04</td></tr><tr><td colspan="5">SR 69 @ SR 169</td></tr></table>		LOCATION					DWG No. C-05.04	SR 69 @ SR 169																								
LOCATION					DWG No. C-05.04																																
SR 69 @ SR 169																																					
					<table><tr><td colspan="2">TRACS NO. F0288 01C</td><td colspan="3">___ OF ___</td></tr></table>		TRACS NO. F0288 01C		___ OF ___																												
TRACS NO. F0288 01C		___ OF ___																																			



	DESIGN	F. MEDRANO	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING		
	DRAWN	CADD	6/26		SR69		ARIZ.	069 YV 280	069-A-NFA	42	126			
	CHECKED	E. WATKINS	6/26		MILEPOST									
	AZTEC TYPESA 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5545 www.aztecus.com				STAKING SHEET SR 169 STA 7+50 TO 13+00								LOCATION SR 69 @ SR 169	
					STRUCTURE NO.	TRACS NO. F0288 01C		___ OF ___						

CURVE DATA TABLE			
	DELTA	RADIUS	LENGTH
1	178°29'22.810"	5.00'	15.57'
2	03°48'45.310"	30.00'	2.00'
3	91°12'42.095"	1.00'	1.59'
4	88°47'17.905"	1.00'	1.55'
5	126°05'06.619"	1.00'	2.20'
6	54°04'28.888"	48.29'	45.58'
7	04°41'13.195"	801.21'	65.54'
8	14°37'31.490"	498.79'	127.32'
9	47°15'54.714"	101.21'	83.49'
10	125°37'25.019"	2.79'	6.12'
11	33°05'19.550"	72.71'	41.99'
12	135°42'49.754"	5.79'	13.72'
13	11°04'54.315"	601.21'	116.28'
14	04°41'13.195"	772.00'	63.15'
15	10°47'10.415"	528.00'	99.40'
16	45°03'06.747"	70.00'	55.04'
17	04°15'04.123"	175.00'	12.98'
18	47°22'06.773"	50.00'	41.34'
19	15°31'13.667"	336.00'	91.02'
20	11°41'51.665"	60.00'	12.25'
21	10°49'56.388"	88.00'	16.64'
22	00°08'50.050"	20097.72'	51.65'
23	71°49'49.639"	31.50'	39.49'
24	70°07'09.568"	30.00'	36.71'
25	93°39'34.487"	35.00'	57.21'
26	06°25'08.163"	572.00'	64.08'
27	05°28'37.020"	576.00'	55.06'
28	42°11'09.722"	30.00'	22.09'
29	12°47'18.828"	75.00'	16.74'
30	98°52'14.315"	2.79'	4.82'
31	12°45'03.016"	99.29'	22.10'
32	79°48'07.113"	3.29'	4.59'
33	00°00'36.910"	22820.31'	4.08'
34	96°22'19.086"	3.29'	5.54'
35	18°27'03.961"	87.57'	28.20'
36	123°15'55.877"	5.29'	11.39'
37	07°05'52.988"	89.21'	11.05'
38	45°16'30.313"	15.00'	11.85'
39	22°51'01.228"	43.50'	17.35'
40	84°21'11.123"	52.00'	76.56'
41	54°34'38.111"	45.00'	42.86'
42	20°10'35.332"	56.69'	19.96'
43	132°26'55.797"	55.50'	128.30'
44	113°56'49.936"	5.79'	11.52'
45	13°50'37.777"	351.21'	84.86'
46	01°08'20.658"	20126.93'	400.13'
47	06°44'38.565"	94.29'	11.10'
48	07°21'30.541"	89.71'	11.52'
49	180°00'00.000"	2.29'	7.20'
50	03°48'29.211"	1000.29'	66.48'

CURVE DATA TABLE			
	DELTA	RADIUS	LENGTH
51	06°58'34.715"	1499.71'	182.60'
52	11°04'30.103"	1498.79'	289.71'
53	24°03'20.045"	126.21'	52.99'
54	112°24'30.212"	2.79'	5.48'
55	14°26'24.989"	89.21'	22.48'
56	49°35'00.196"	6.79'	5.88'
57	29°55'44.891"	148.79'	77.72'
58	176°20'55.117"	3.61'	11.11'
59	19°19'27.939"	301.21'	101.59'
60	123°27'48.414"	1.29'	2.78'
61	119°39'59.947"	5.79'	12.10'
62	15°18'11.021"	598.79'	159.93'
63	13°25'24.549"	1201.21'	281.42'
64	180°26'25.837"	3.53'	11.12'
65	02°17'57.743"	1501.21'	60.25'
66	21°17'56.919"	102.24'	38.01'
67	16°50'30.676"	99.71'	29.31'
68	10°59'50.539"	592.79'	113.78'
69	05°45'10.596"	500.29'	50.23'
70	50°35'09.544"	136.71'	120.70'
71	113°41'19.749"	2.79'	5.54'
72	24°54'05.227"	76.21'	33.12'
73	85°50'31.615"	30.00'	44.95'
74	00°41'47.427"	20105.72'	244.41'
75	13°25'24.549"	1172.00'	274.58'
76	08°40'11.857"	628.00'	95.03'
77	45°50'46.277"	50.00'	40.01'
78	22°23'58.154"	286.00'	111.81'
79	03°16'41.079"	1528.00'	87.42'
80	06°58'34.715"	1470.50'	179.05'
81	03°48'29.211"	1029.50'	68.43'
82	19°13'04.742"	140.00'	33.83'
83	43°02'55.447"	60.00'	45.08'
84	02°48'40.001"	300.00'	14.72'
85	49°12'44.016"	90.00'	77.3'
86	11°58'06.039"	634.00'	132.43'
87	36°30'56.616"	27.00'	17.21'
88	52°20'45.636"	32.00'	29.24'
89	180°00'00.000"	2.79'	8.77'
90	33°24'14.669"	59.71'	34.81'
91	119°01'55.924"	2.79'	5.8'
92	00°25'19.094"	633.71'	4.67'
93	121°20'57.556"	2.79'	5.91'
94	26°33'19.717"	59.71'	27.67'
95	85°15'03.549"	28.09'	41.8'
96	05°31'21.073"	1462.00'	140.92'
97	42°43'15.6"	30.00'	22.37'
98	19°53'20.4"	40.00'	13.89'

 AZTEC TYPESA 501 N 44th St., Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5565 www.aztecus.com	NAME F. MEDRANO CADD E. WATKINS DATE 6/26 6/26 6/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 43	TOTAL SHEETS 126	RECORD DRAWING				
			MILEPOST			LOCATION SR 69 @ SR 169				DWG No. C-05.07				
			STAKING SUMMARY		STRUCTURE NO.		TRACS NO. F0288 01C							
					____ OF ____									

○	NORTHING	EASTING	ELEVATION
1	1283725.209	602544.550	4572.01'
2	1283787.969	602525.670	4572.05'
3	1283789.860	602525.032	4572.05'
4	1283986.456	602451.315	4572.10'
5	1284140.020	602400.847	4572.15'
6	1284140.651	602399.565	4572.13'
7	1284139.987	602397.678	4572.09'
8	1284138.772	602397.047	4572.08'
9	1284052.182	602425.504	4572.08'
10	1283722.204	602535.017	4571.99'
11	1283751.350	602571.669	4571.58'
12	1284113.180	602462.825	4572.52'
13	1284170.897	602443.858	4572.30'
14	1284177.843	602441.575	4572.27'
15	1284274.292	602409.878	4572.12'
16	1284322.842	602389.712	4572.15'
17	1284383.577	602372.470	4572.12'
18	1284429.267	602361.496	4572.11'
19	1284523.169	602329.349	4572.46'
20	1284566.184	602309.934	4570.58'
21	1284605.778	602287.212	4571.70'
22	1284628.125	602277.001	4571.77'
23	1284681.725	602275.100	4571.94'
24	1284693.708	602280.093	4571.98'
25	1284720.362	602310.146	4571.99'
26	1284734.470	602353.865	4571.42'
27	1284750.031	602443.265	4568.94'
28	1284749.234	602455.468	4568.59'
29	1284741.269	602502.640	4567.22'
30	1284740.061	602519.208	4566.75'
31	1284741.119	602570.844	4565.27'
32	1284720.021	602601.184	4562.72'
33	1284100.070	602375.788	4571.20'
34	1284120.007	602347.674	4570.01'
35	1284120.369	602274.116	4569.05'
36	1284150.630	602311.360	4569.36'
37	1284195.369	602335.953	4571.21'
38	1284215.228	602329.488	4571.30'
39	1284267.445	602319.850	4571.47'
40	1284457.088	602258.112	4571.24'
41	1284512.661	602244.227	4571.60'
42	1284572.354	602221.010	4571.61'
43	1284620.339	602200.994	4571.76'
44	1284666.822	602171.521	4572.14'
45	1284720.299	602133.914	4572.60'
46	1284732.308	602115.969	4572.75'
47	1284734.142	602099.364	4572.87'
48	1284176.826	602385.946	4571.98'
49	1284220.208	602392.696	4572.17'
50	1284313.723	602361.964	4572.22'
51	1284376.755	602344.069	4572.35'
52	1284422.446	602333.095	4572.43'
53	1284541.133	602287.967	4572.23'
54	1284609.498	602251.416	4572.03'

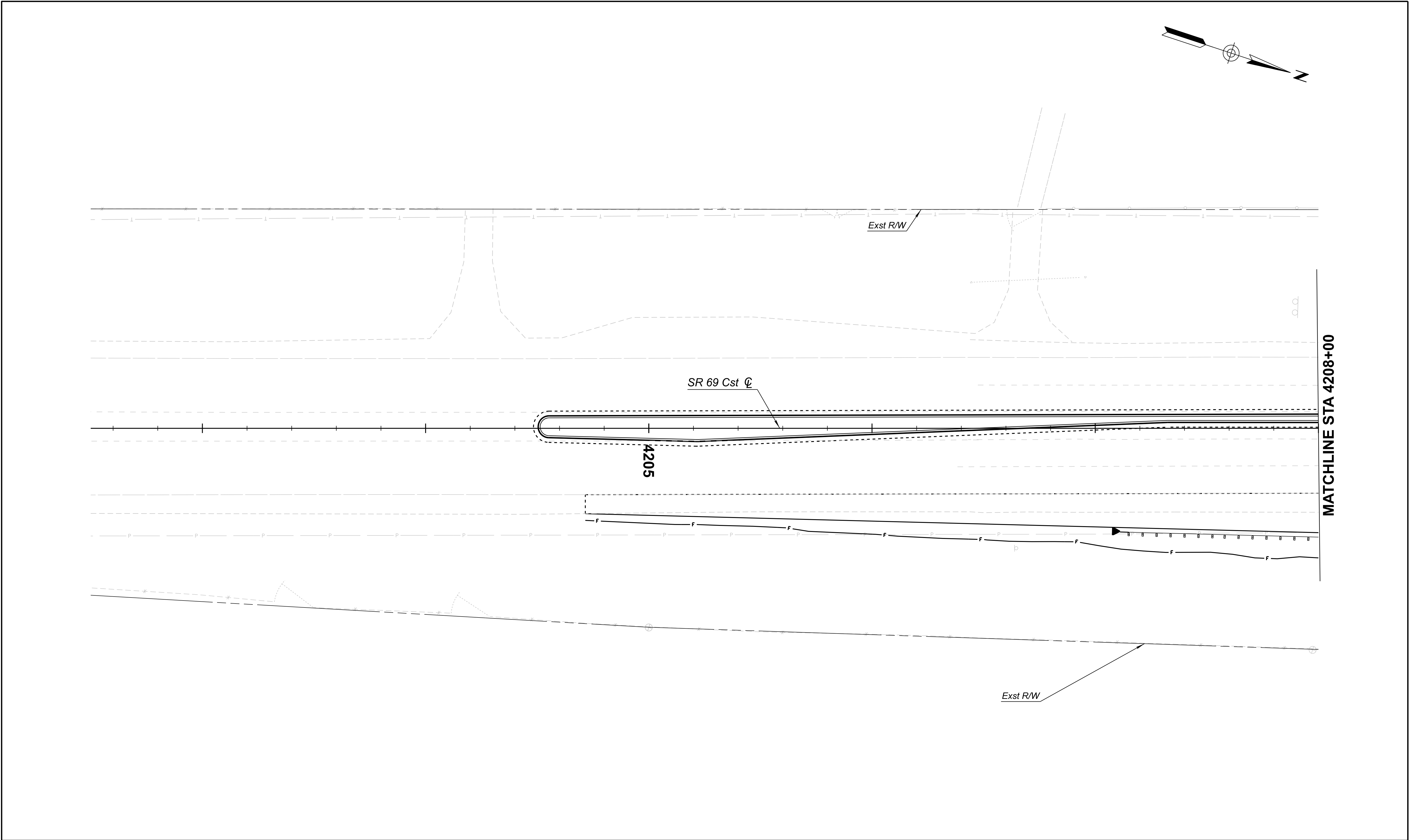
○	NORTHING	EASTING	ELEVATION
55	1284690.391	602245.052	4572.24'
56	1284693.983	602241.623	4572.23'
57	1284694.022	602200.214	4572.34'
58	1284685.654	602193.500	4572.52'
59	1284628.010	602225.603	4572.32'
60	1284521.598	602272.034	4572.16'
61	1284177.102	602384.185	4571.96'
62	1284750.654	602120.877	4573.00'
63	1284749.293	602098.869	4573.10'
64	1284748.111	602092.105	4573.20'
65	1284750.222	602088.448	4573.30'
66	1284754.057	602087.043	4573.32'
67	1284758.386	602089.352	4573.60'
68	1284769.346	602115.202	4573.40'
69	1284764.770	602123.313	4573.06'
70	1284753.736	602123.792	4572.96'
71	1284760.092	602169.111	4573.90'
72	1284777.181	602171.344	4574.24'
73	1284804.409	602180.651	4574.78'
74	1284813.056	602188.304	4574.93'
75	1284747.260	602265.694	4573.37'
76	1284729.565	602256.677	4572.93'
77	1284711.723	602219.472	4572.65'
78	1284754.823	602349.009	4571.74'
79	1284743.579	602308.008	4572.21'
80	1284750.014	602300.748	4572.92'
81	1284772.433	602301.226	4572.61'
82	1284775.403	602304.791	4573.43'
83	1284771.384	602357.237	4572.11'
84	1284778.092	602407.215	4570.16'
85	1284788.732	602696.279	4563.77'
86	1284788.919	602878.770	4562.30'
87	1284790.825	602945.214	4562.14'
88	1284790.294	603061.622	4561.90'
89	1284785.710	603061.601	4561.81'
90	1284786.241	602945.193	4562.05'
91	1284785.555	602933.700	4562.07'
92	1284774.374	602843.896	4562.27'
93	1284773.653	602832.827	4562.31'
94	1284767.210	602432.751	4569.63'
95	1284803.295	602295.636	4573.47'
96	1284807.580	602291.883	4573.57'
97	1284812.048	602290.568	4573.59'
98	1284813.647	602292.185	4573.40'
99	1284800.646	602392.455	4570.47'
100	1284793.449	602392.971	4570.53'
101	1284791.223	602371.523	4571.28'
102	1284780.663	602084.025	4573.26'
103	1284795.017	602114.567	4573.55'
104	1284830.463	602140.682	4573.94'
105	1284844.777	602144.105	4574.17'
106	1284917.931	602127.806	4574.94'
107	1284952.639	602101.494	4575.36'
108	1285031.302	602051.723	4575.787

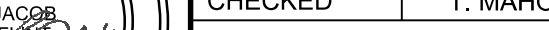
○	NORTHING	EASTING	ELEVATION
109	1285149.774	601993.074	4576.18'
110	1285162.993	601982.516	4576.80'
111	1285169.325	601972.815	4577.25'
112	1285172.745	601944.793	4578.45'
113	1285168.499	601932.611	4578.95'
114	1285192.762	601974.831	4576.90'
115	1285190.601	601940.580	4578.35'
116	1285187.145	601931.243	4578.64'
117	1285192.381	601929.305	4578.54'
118	1285198.569	601946.021	4577.90'
119	1285213.743	601968.868	4577.00'
120	1285212.581	601973.595	4576.81'
121	1285200.741	601976.883	4576.71'
122	1285196.248	601978.148	4576.67'
123	1285206.679	601919.304	4578.90'
124	1285212.906	601936.126	4578.31'
125	1285246.788	601953.436	4576.86'
126	1285270.383	601946.864	4576.89'
127	1285404.137	601902.683	4577.94'
128	1284837.093	602194.219	4574.60'
129	1284840.278	602190.799	4574.58'
130	1284952.853	602159.604	4575.74'
131	1284992.472	602128.757	4576.07'
132	1285045.430	602091.636	4576.27'
133	1285145.986	602038.771	4576.79'
134	1285171.109	602023.882	4576.93'
135	1285204.342	602005.894	4577.15'
136	1285280.873	601984.643	4577.70'
137	1285338.584	601967.365	4578.09'
138	1285421.150	601940.828	4578.67'
139	1285423.313	601947.547	4578.75'
140	1285314.994	601988.136	4578.02'
141	1285065.353	602116.656	4576.31'
142	1285004.646	602157.530	4575.50'
143	1284861.697	602228.182	4574.50'
144	1284845.451	602233.665	4574.46'
145	1284837.914	602227.070	4574.62'
146	1285325.237	602015.490	4577.69'
147	1285081.666	602140.885	4575.60'
148	1285020.959	602181.759	4574.96'
149	1284938.425	602228.677	4574.59'
150	1284897.443	602242.563	4574.41'
151	1284854.570	602263.871	4574.07'
152	1284829.197	602293.422	4573.11'
153	1284816.568	602403.801	4570.00'
154	1284821.024	602458.320	4568.60'
155	1284820.619	602610.659	4565.22'
156	1284817.888	602698.026	4563.56'
157	1284818.071	602876.963	4562.64'
158	1284820.033	602945.347	4562.75'
159	1284819.450	603072.966	4562.47'
162	1284722.454	602635.620	4563.15'
163	1284750.71	602665.134	4563.84
164	1284752.771	602909.536	4561.673

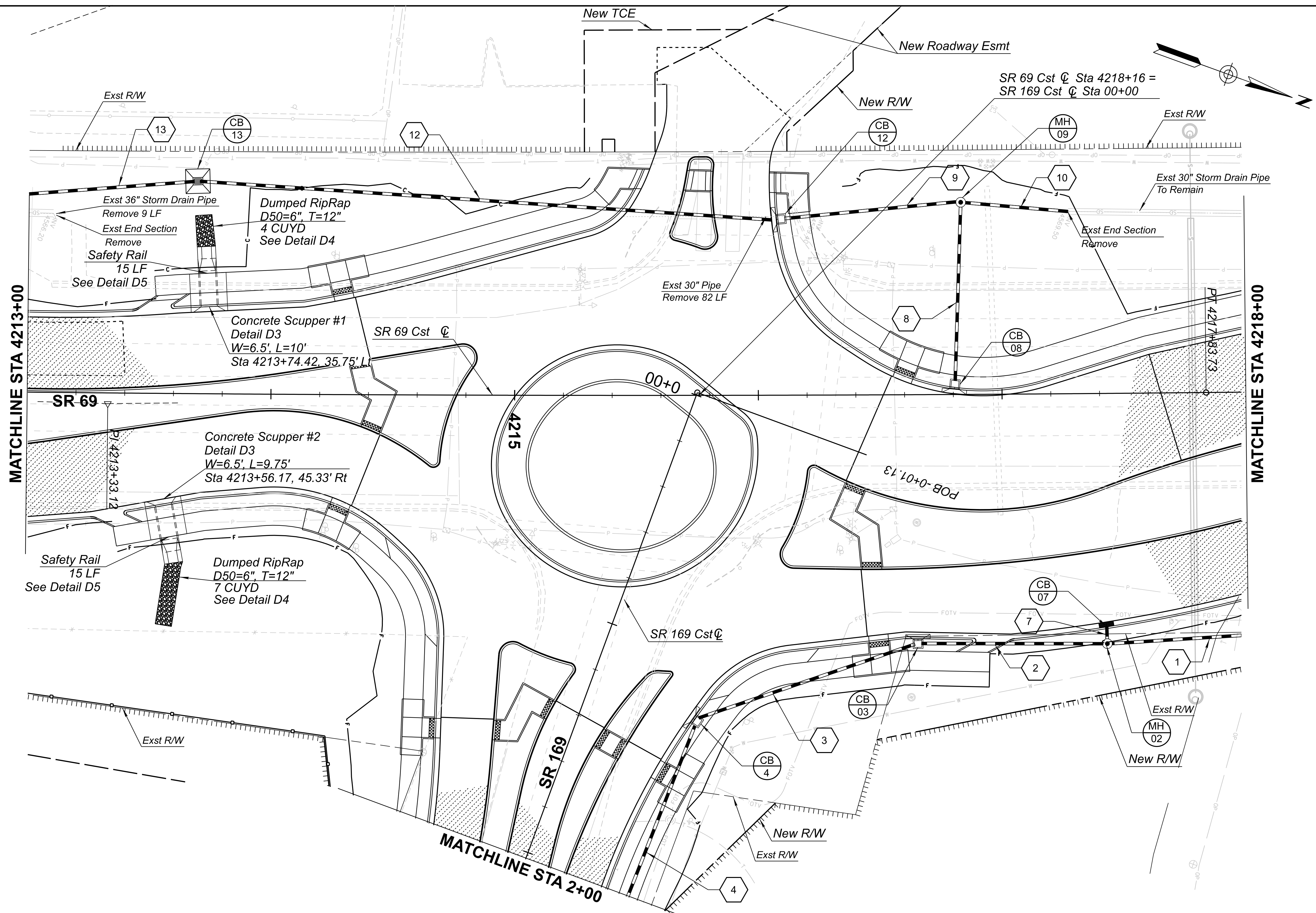
○	NORTHING	EASTING	ELEVATION
165	1284781.585	602060.555	4573.05'
166	1284740.641	602044.267	4573.52'
167	1284720.027	602051.771	4573.75'
168	1284725.223	602066.064	4574.22'

NOTES:
1. All points are to face of curb, lip of gutter,
or edge of pavement per plan.

Therese Rosalez 6/2/2026 7:07:51 PM AZDOTIAZFZY1602-21_SR69@SR169_Roundabout_ORD\Cadd\Sheets\Roadway\0288stk08.dgn			DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
			DRAWN	F. MEDRANO	6/26									
			CHECKED	E. WATKINS	6/26									
			501 N 44th St., Suite 300 Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (602) 459-5565 www.aztecus.com											
AZTEC						STAKING SUMMARY	MILEPOST	SR 69 @ SR 169						
							STRUCTURE NO.	DWG No. C-05.08						
								TRACS NO. F0288 01C						
												OF		



	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION DRAINAGE DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING		
	DESIGN		J. FLINT		6/26		SR69	ARIZ.	069 YV 280	069-A-NFA	45	126		
	DRAWN		L. BREINING		6/26		MILEPOST	LOCATION SR 69 @ SR 169						D-01.01
	CHECKED		T. MAHON		6/26		STRUCTURE NO.	TRACS NO. F0288 01C						___ OF ___
 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel 1602 454-0402 Fax 1480 499-5565 www.aztec.us				DRAINAGE PLAN SHEET SR 69 STA 4202+50 TO 4208+00										



	NAME	DATE
DESIGN	J. FLINT	6/26
DRAWN	L. BREINING	6/26
CHECKED	T. MAHON	6/26

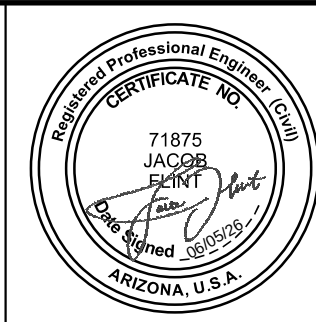
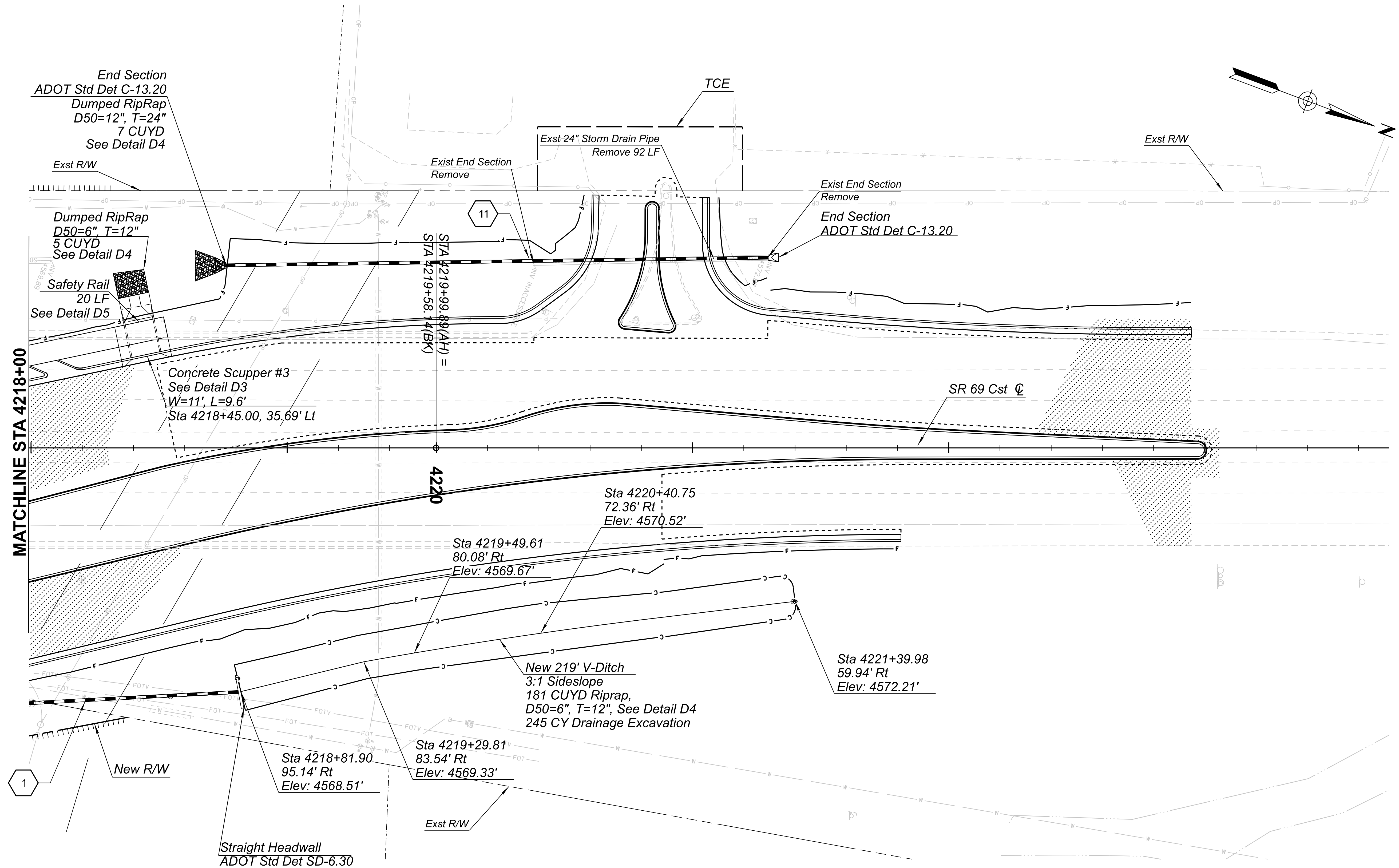
501 N 44th St, Suite 300
Phoenix, AZ 85008-4505
Tel: (602) 454-0402
Fax: (602) 454-0403
www.aztecus.com

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
DRAINAGE DESIGN SECTION

AZTEC **TYPSA**

DRAINAGE PLAN SHEET
SR 69
STA 4213+00 TO 4218+00

ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 47	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST	LOCATION SR 69 @ SR 169						D-01.03
STRUCTURE NO.	TRACS NO. F0288 01C						OF



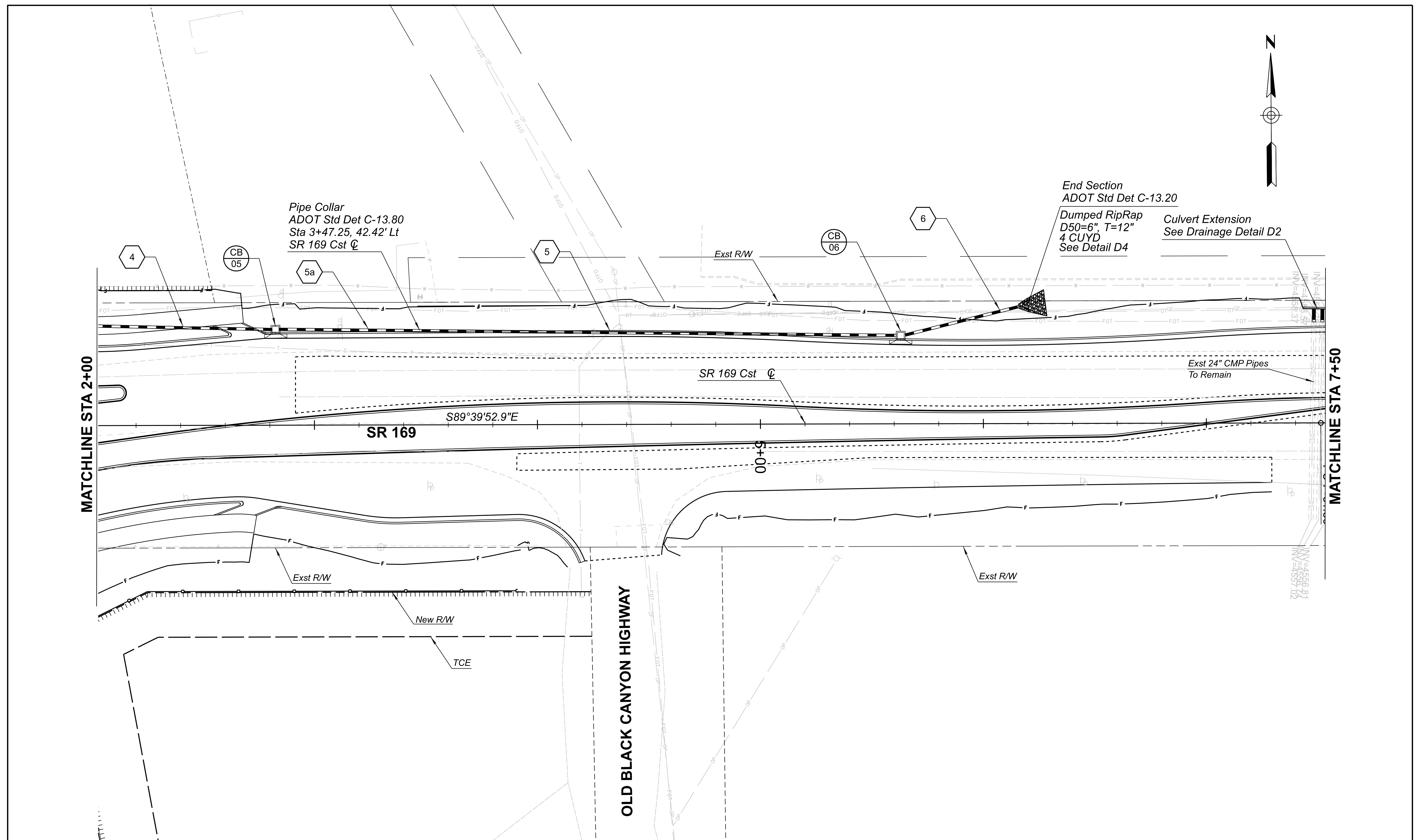
	NAME	DATE
DESIGN	J. FLINT	6/26
DRAWN	L. BREINING	6/26
CHECKED	T. MAHON	6/26

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Tel: (602) 454-0402
Fax: (602) 459-5565
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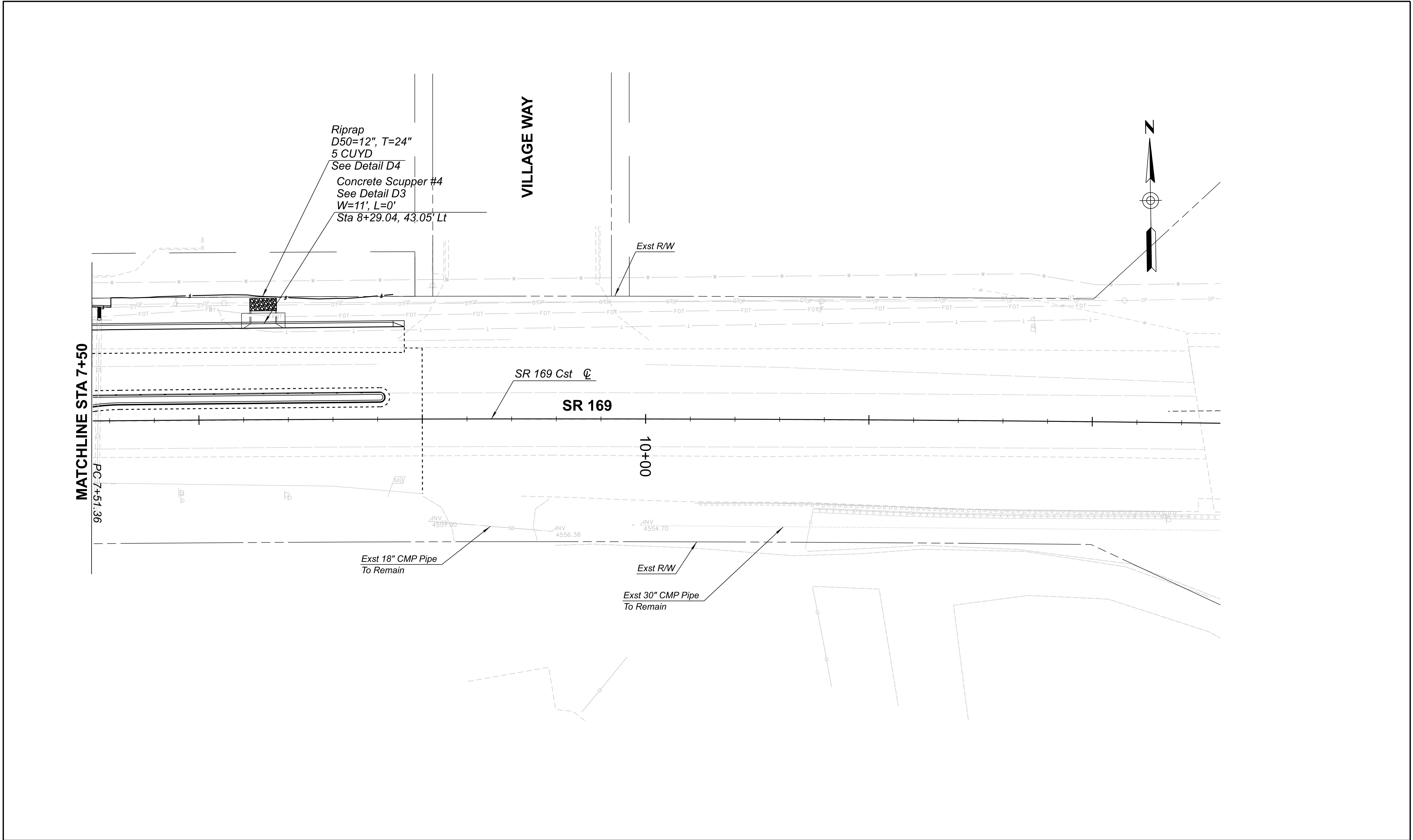
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
DRAINAGE DESIGN SECTION

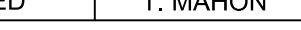
DRAINAGE PLAN SHEET
SR 69
STA 4218+00 TO 4224+00

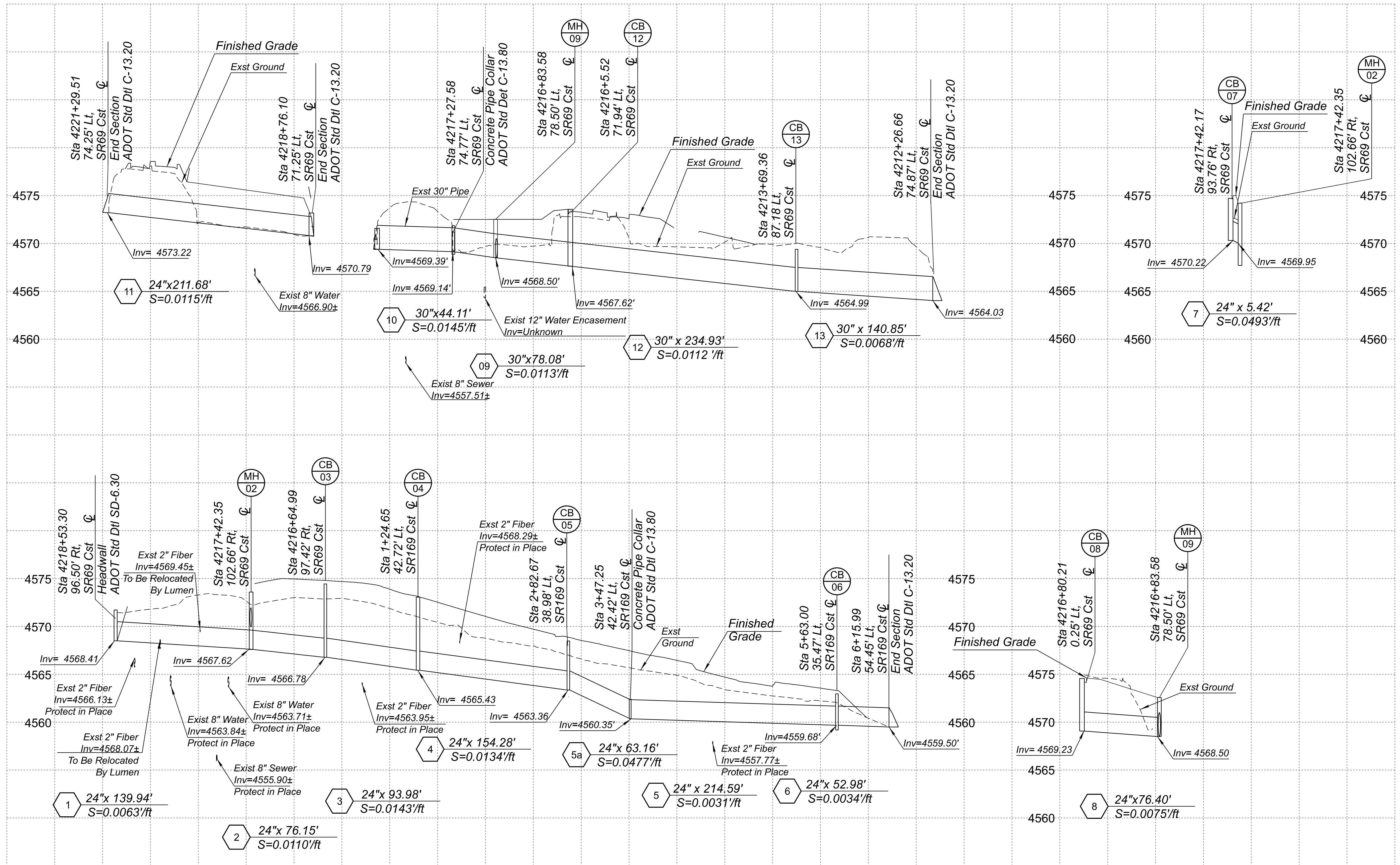
ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 48	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST	SR 69 @ SR 169					D-01.04	
STRUCTURE NO.	TRACS NO. F0288 01C					___ OF ___	



			ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION DRAINAGE DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	J. FLINT		6/26		ARIZ.	069 YV 280	069-A-NFA	49	126	
	DRAWN	L. BREINING		6/26							
	CHECKED	T. MAHON		6/26							
 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (480) 499-5565 www.aztecus.com			DRAINAGE PLAN SHEET SR 169 STA 2+00 TO 7+50		LOCATION SR 69 @ SR 169 D-01.05						
					TRACS NO. F0288 01C		____ OF ____				



		NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION DRAINAGE DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	
	DESIGN	J. FLINT	6/26		SR69								
	DRAWN	L. BREINING	6/26										
	CHECKED	T. MAHON	6/26										
		501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5545 www.aztecus.com			DRAINAGE PLAN SHEET SR 169 STA 7+50 TO 13+00	MILEPOST	SR 69 @ SR 169						D-01.06
						STRUCTURE NO.	TRACS NO. F0288 01C		___ OF ___				



	NAME	DATE
DESIGN	J. FLINT	6/26
DRAWN	L. BREINING	6/26
CHECKED	T. MAHON	6/26

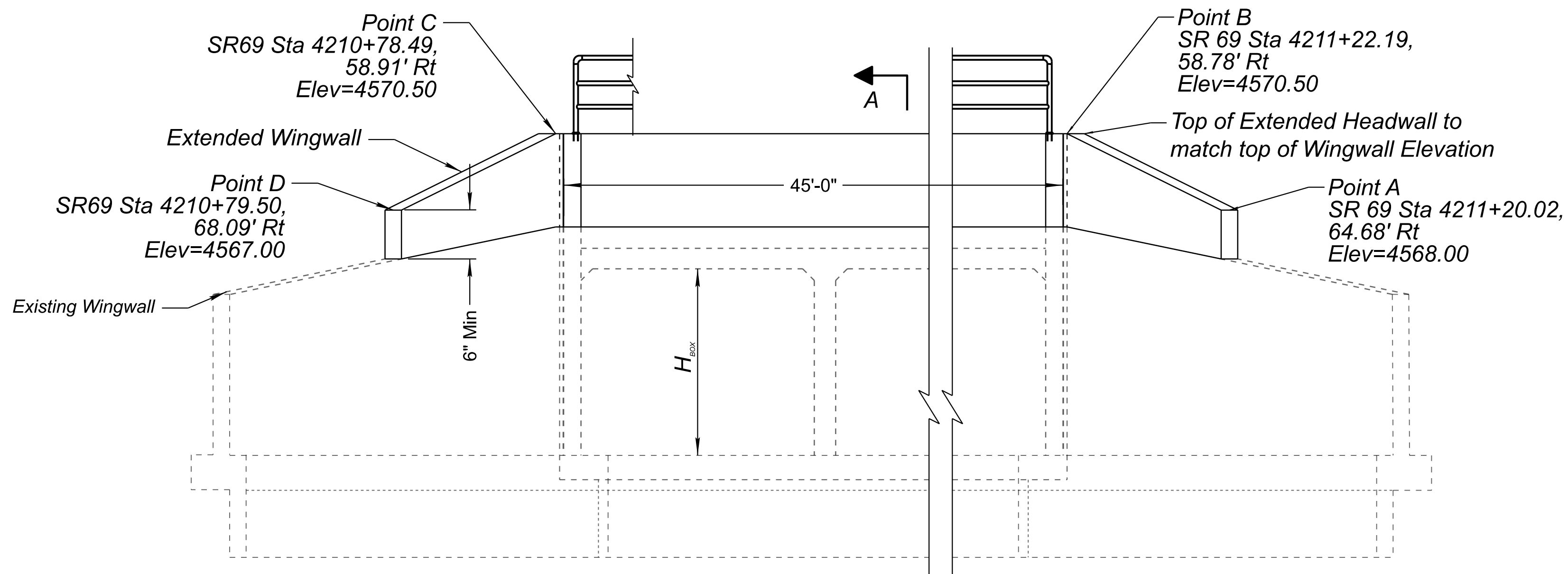
501 N 44th St, Suite 300
Phoenix, AZ 85008-4505
Tel: (602) 454-0402
Fax: (602) 454-0402
www.aztecusa.com

AZTEC
TYPICAL

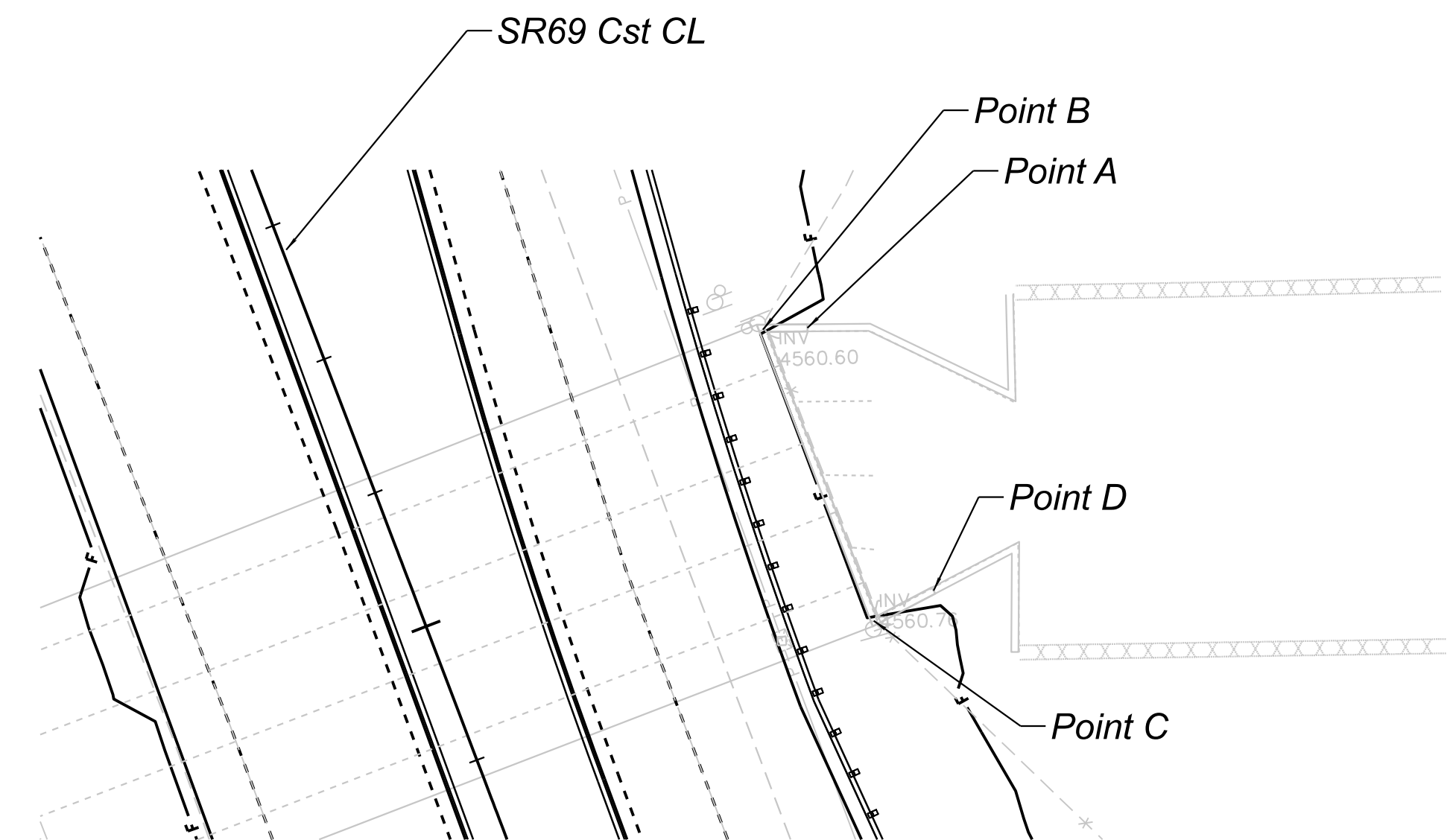
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
DRAINAGE DESIGN SECTION

DRAINAGE PROFILE SHEET

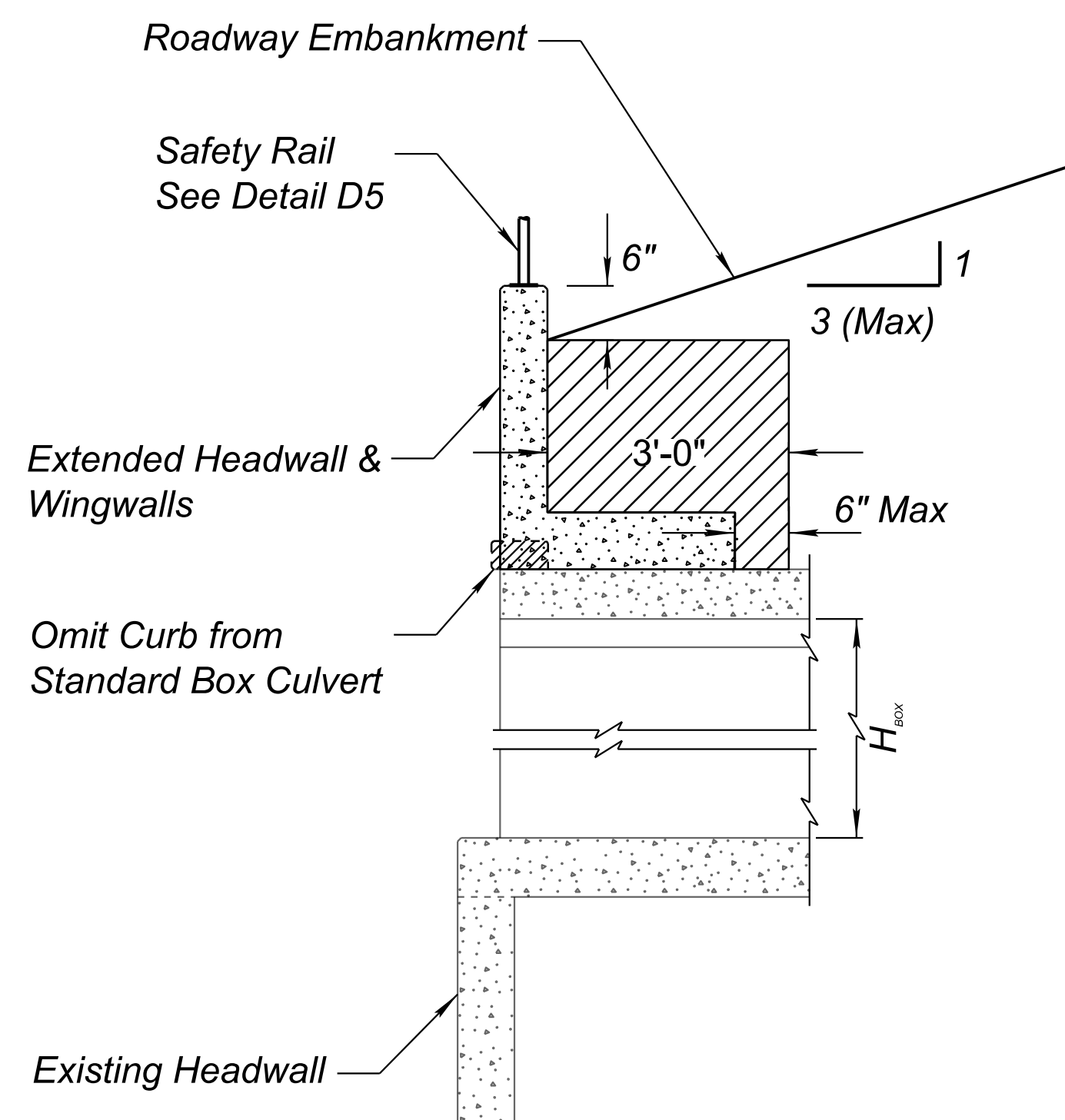
ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
SR69	ARIZ.	069 YV 280	069-A-NFA	51	126	
MILEPOST	LOCATION	SR 69 @ SR 169				D-02.01
STRUCTURE NO.	TRACS NO.	F0288 01C				OF



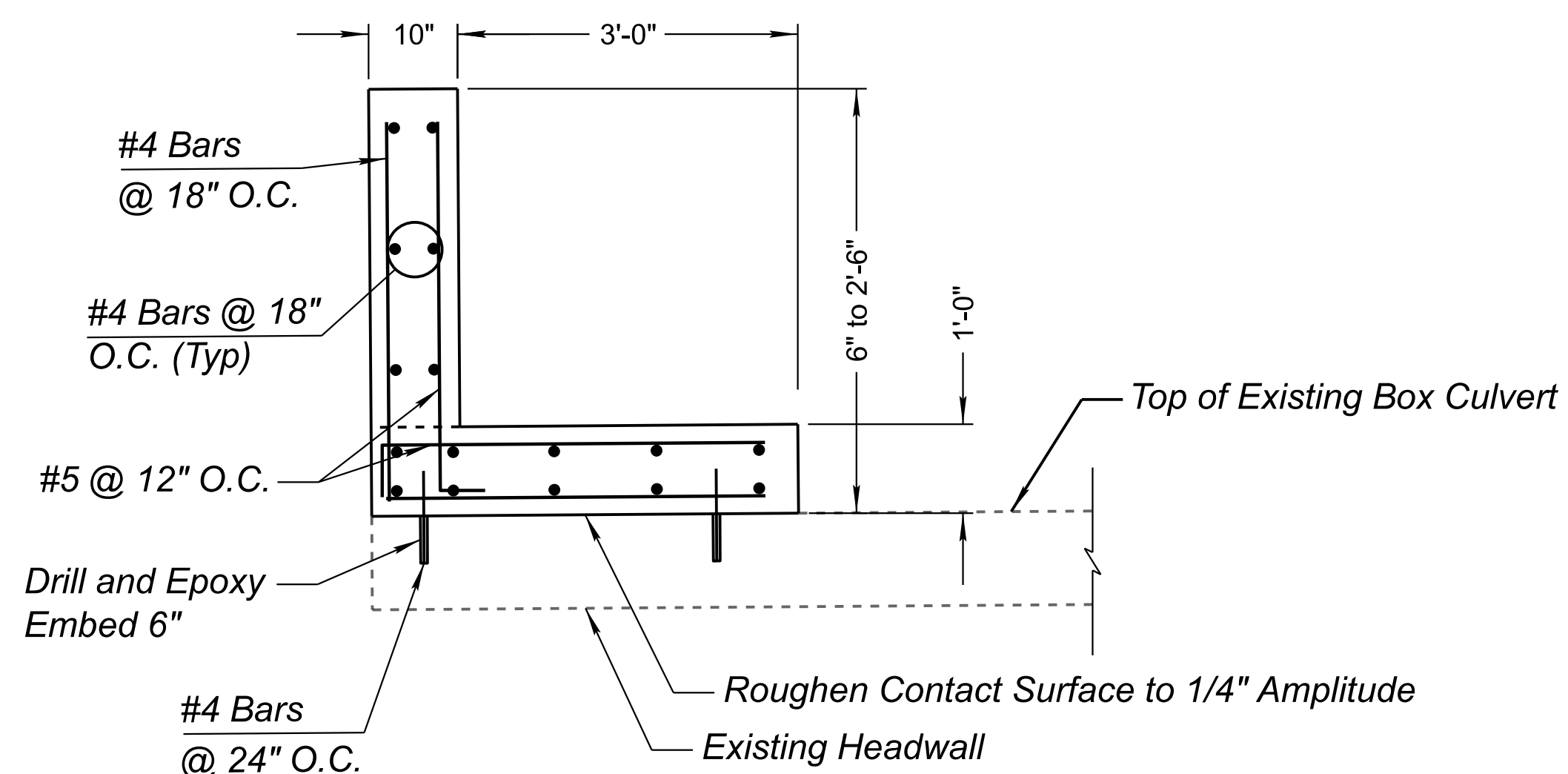
ELEVATION
NO SCALE



PLAN VIEW
NO SCALE



SECTION A-A
NO SCALE



REINFORCING DETAIL
NO SCALE

NOTES:

- See SD 6.01, SD 6.08 & SD 6.10 for Box Culvert and Headwall General Notes and details not shown on this sheet.
- Headwall Extension shall be paid for under Item number 9240052.

 Indicates Structure Backfill

DETAIL D1

HEADWALL EXTENSION



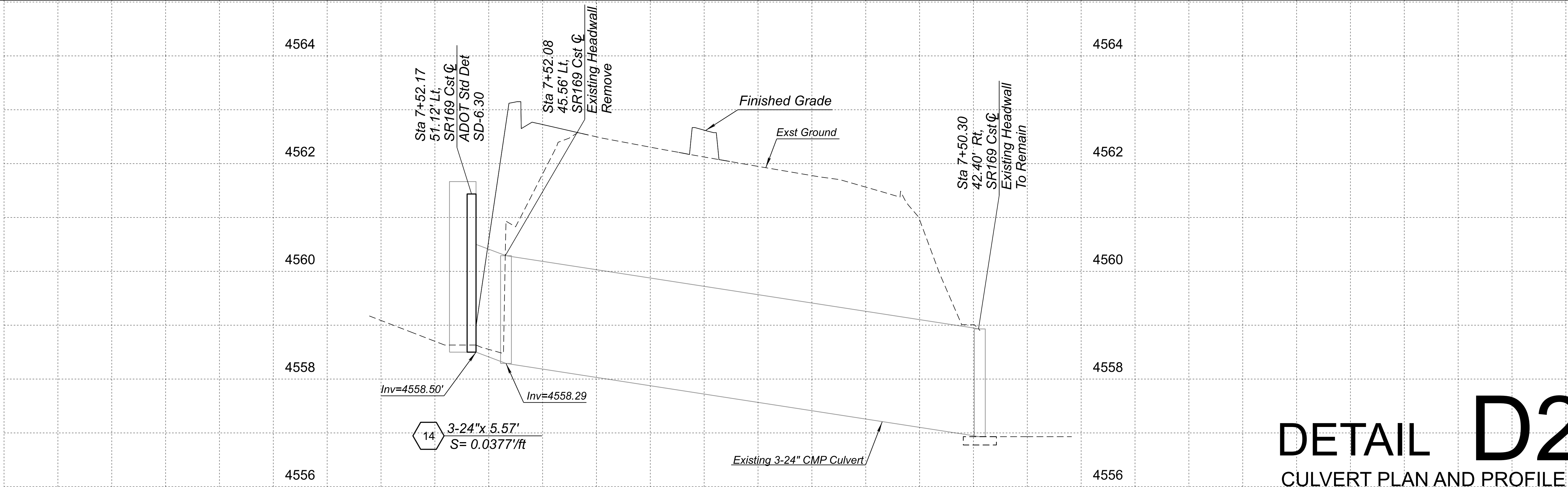
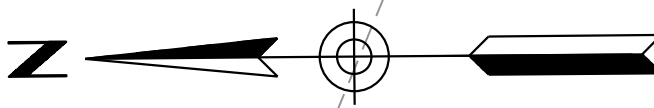
	NAME	DATE
DESIGN	J. FLINT	6/26
DRAWN	L. BREINING	6/26
CHECKED	T. MAHON	6/26

501 N 44th St, Suite 300
Phoenix, AZ 85008-4505
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
DRAINAGE DESIGN SECTION

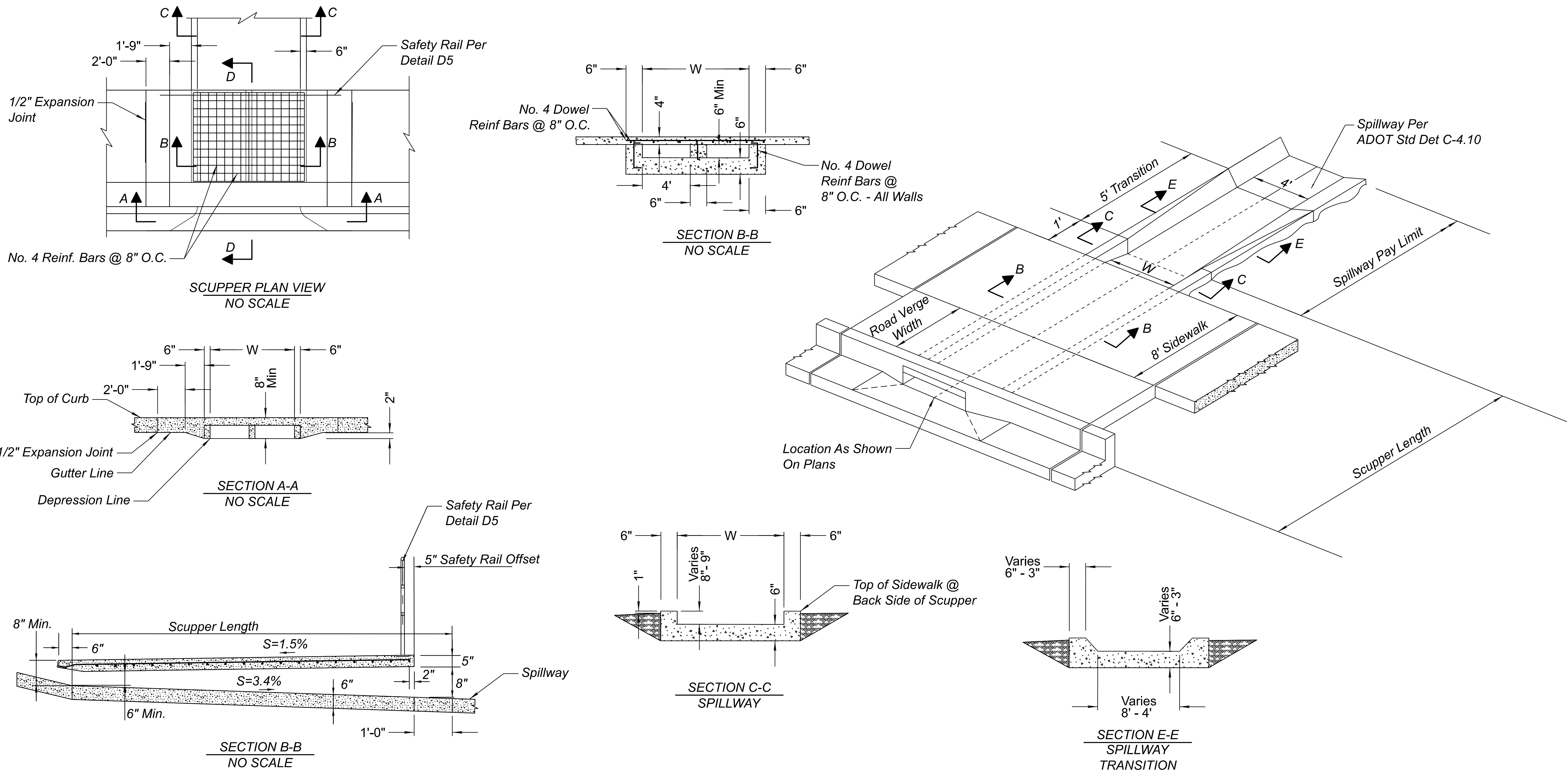
DRAINAGE DETAIL SHEET
HEADWALL EXTENSION

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
SR69	ARIZ.	069 YV 280	069-A-NFA	52	126	
MILEPOST	LOCATION	SR 69 @ SR 169				D-03.01
STRUCTURE NO.	TRACS NO.	F0288 01C				OF



DETAIL D2
CULVERT PLAN AND PROFILE

	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION DRAINAGE DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	
	DESIGN	J. FLINT	6/26		SR69		ARIZ.	069 YV 280	069-A-NFA	53	126		
	DRAWN	L. BREINING	6/26		MILEPOST		LOCATION SR 69 @ SR 169						
	CHECKED	T. MAHON	6/26		STRUCTURE NO.		TRACS NO. F0288 01C						
 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5565 www.aztecus.com				DRAINAGE DETAIL SHEET CULVERT PLAN AND PROFILE		D-03.02 ____ OF ____							



Scupper No.	Cst CL	Station	Offset	Scupper Length	Scupper Width, W	Spillway Length	Road Verge Width
1	SR69	4213+74.42	35.75' Lt	14.0'	6.5'	10.0'	5'
2	SR69	4213+56.17	45.33' Rt	14'.0	6.5'	9.75'	5'
3	SR69	4218+45.00	35.69' Lt	14.0'	11.0'	9.6'	5'
4	SR169	8+29.04	43.05' Lt	5.0'	11.0'	0'	0'

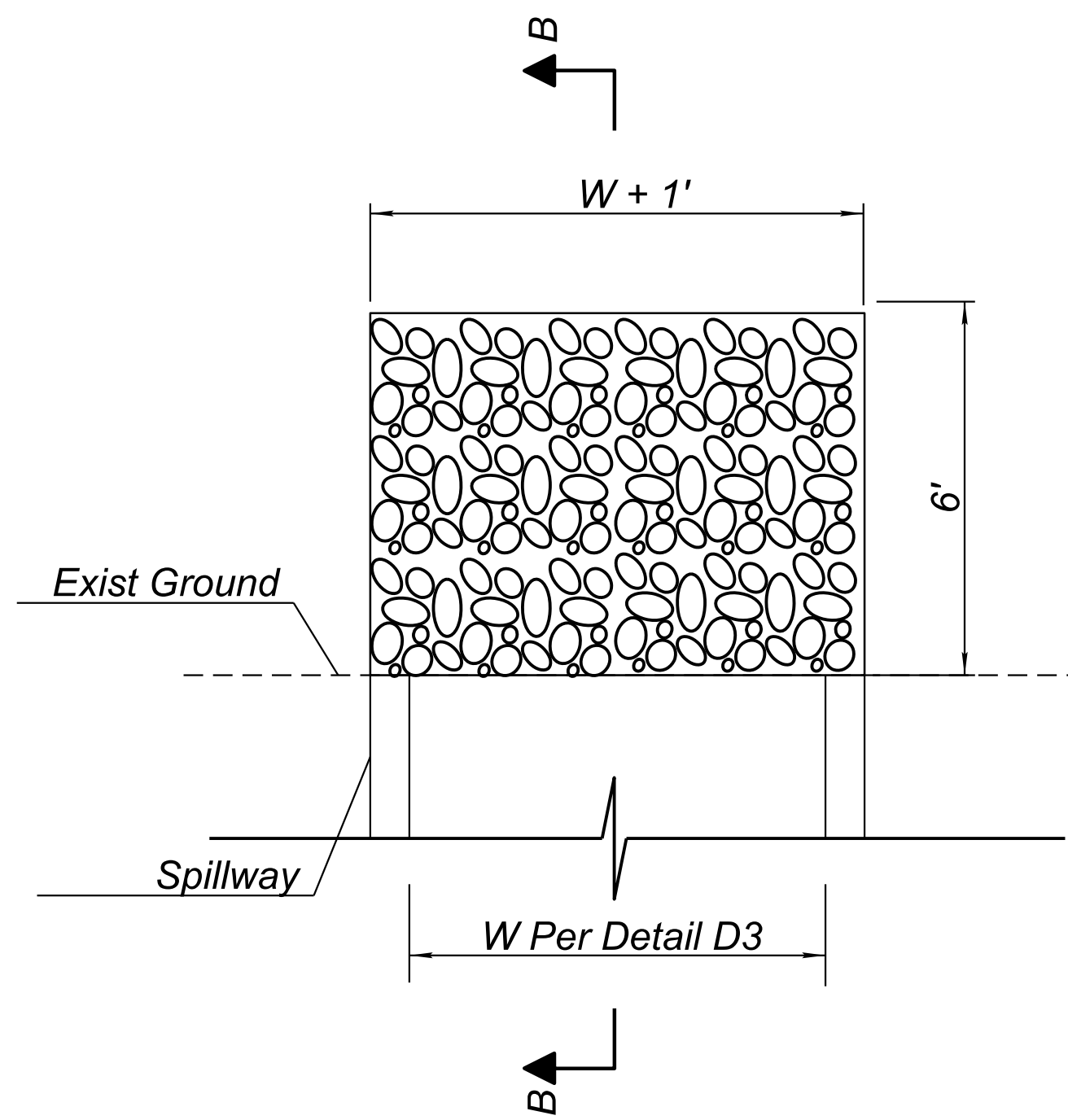
- NOTES:**
- Expansion Joint filler shall be 1/2" Bituminous type preformed expansion joint filler, A.S.T.M. D-1751.
 - Concrete shall be Class 'B'.

DETAIL D3

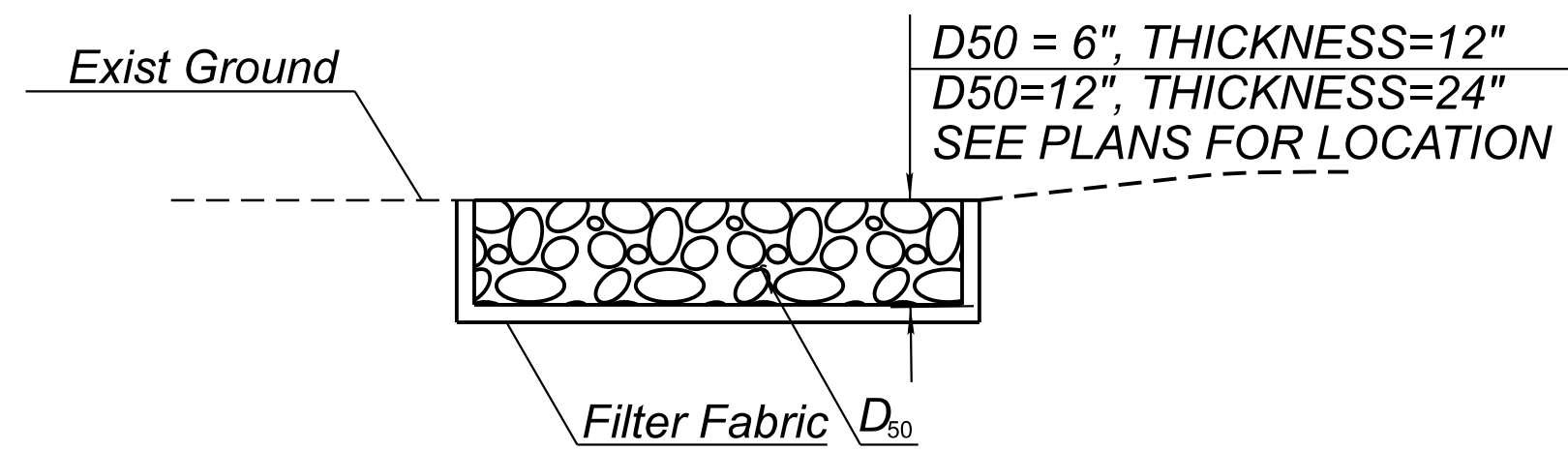
CONCRETE SCUPPER AND SPILLWAY DETAIL

	DESIGN J. FLINT 6/26	NAME J. FLINT 6/26	DATE 6/26	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION DRAINAGE DESIGN SECTION	ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 54	TOTAL SHEETS 126	RECORD DRAWING D-03.03 OF
	DRAWN L. BREINING 6/26	CHECKED T. MAHON 6/26	ROUTE SR69		LOCATION SR 69 @ SR 169							
	STRUCTURE NO.	TRACS NO. F0288 01C										

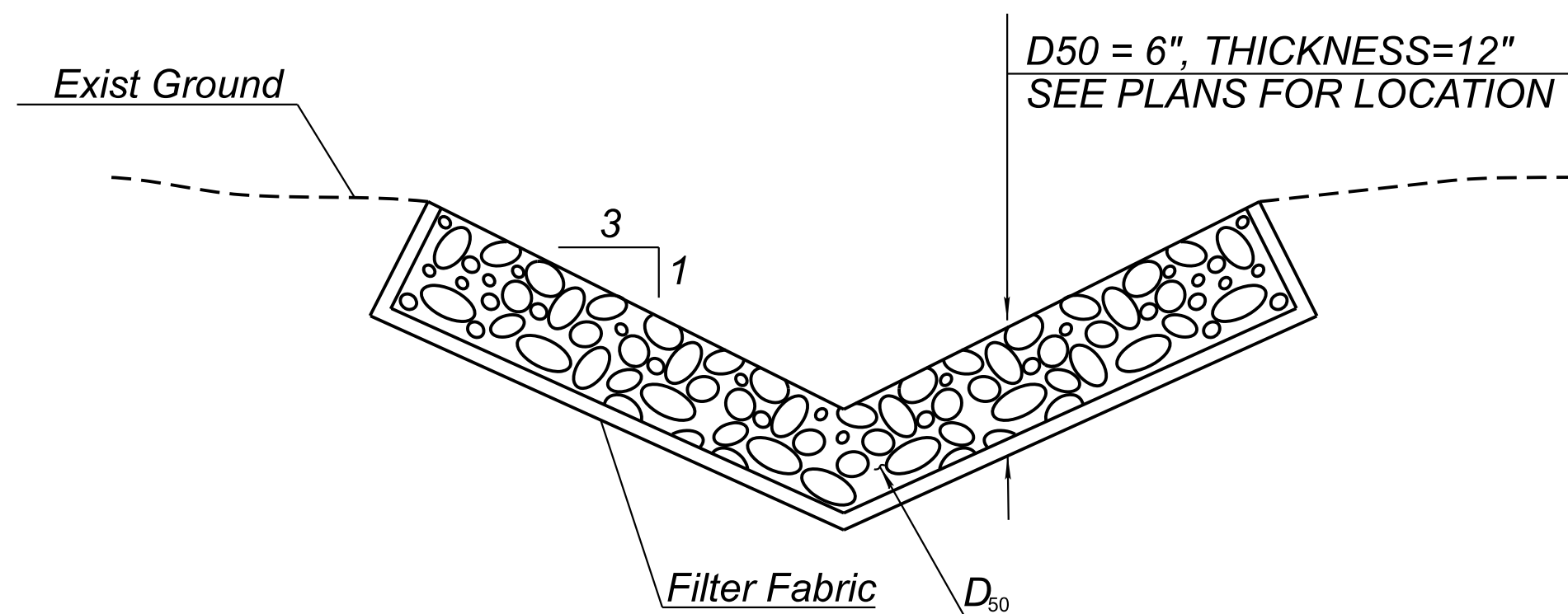
501 N 44th St, Suite 300
 Phoenix, AZ 85008-4505
 Tel: (602) 454-0402
 Fax: (602) 459-5565
 www.aztecus.com



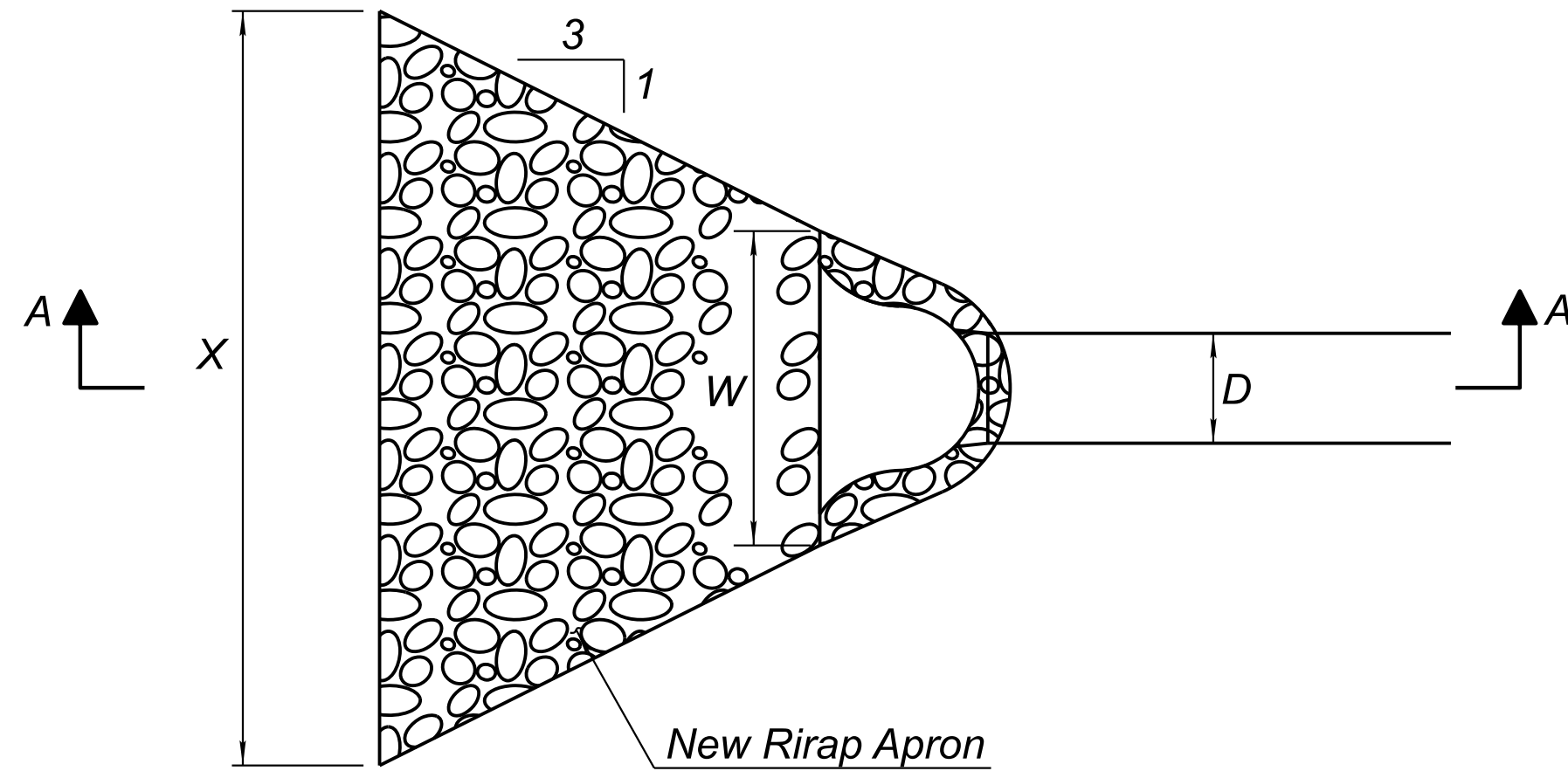
PLAN VIEW
NOT TO SCALE



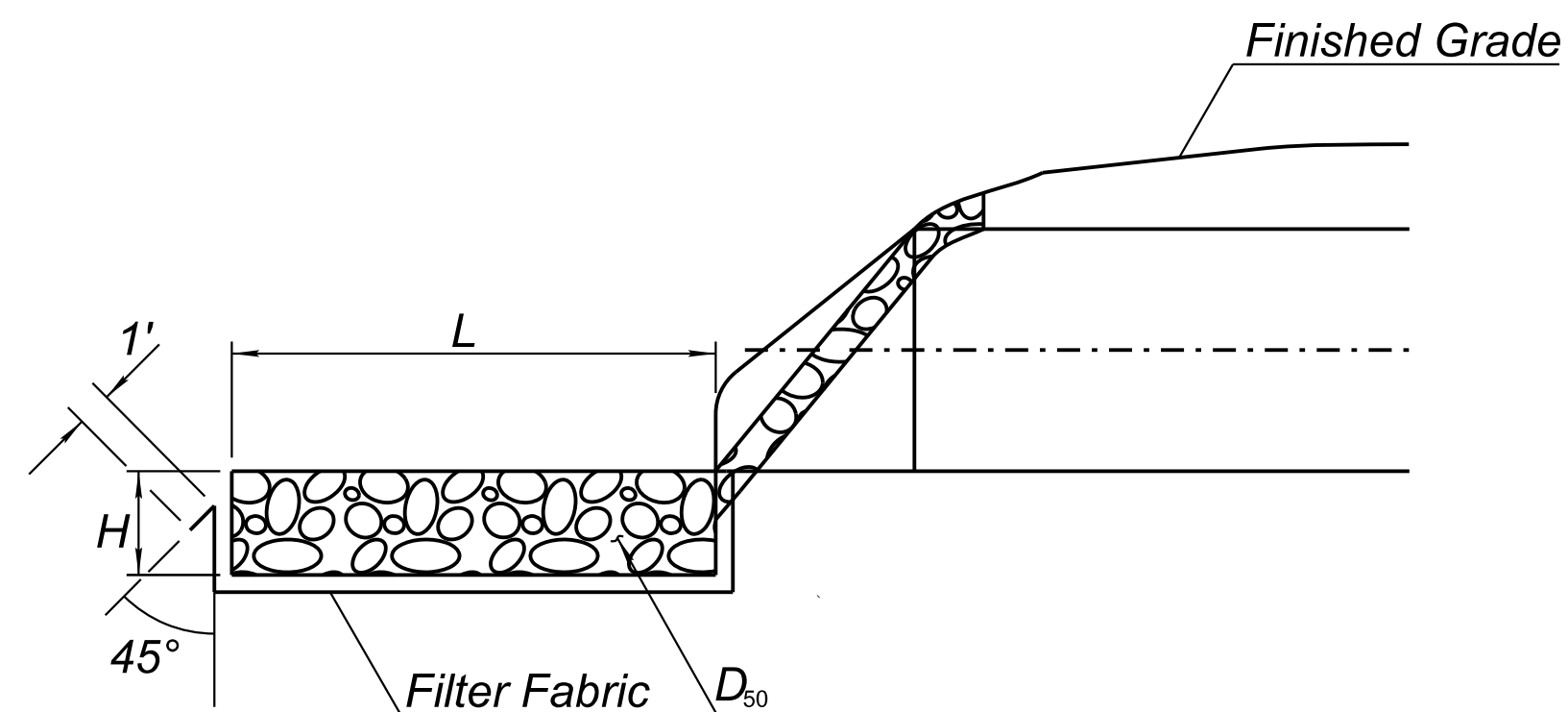
SECTION B-B
NOT TO SCALE



DITCH SECTION
NOT TO SCALE



PLAN
NOT TO SCALE



SECTION A-A
NOT TO SCALE

OUTLET SIZING TABLE

Pipe Size D (in)	W (ft)	L (ft)	X (ft)
18 & 24	6	8	12
30 & 36	9	15	19

RIPRAP GRADATION TABLE

Riprap Gradation, $D_{50} = 6"$	
% Passing	Size (in)
100	9
85	8
50	6
15	3

Riprap Gradation, $D_{50} = 12"$	
% Passing	Size (in)
100	18
85	16
50	12
15	4

DETAIL D4

RIPRAP DETAIL

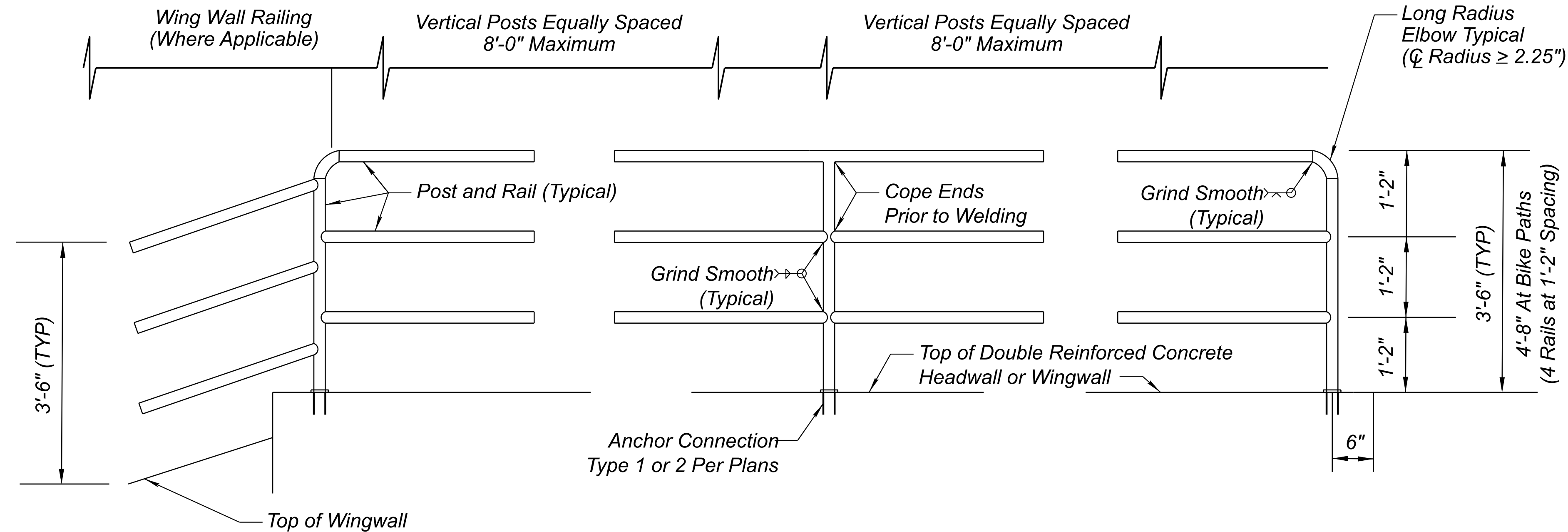


	NAME	DATE
DESIGN	J. FLINT	6/26
DRAWN	L. BREINING	6/26
CHECKED	T. MAHON	6/26

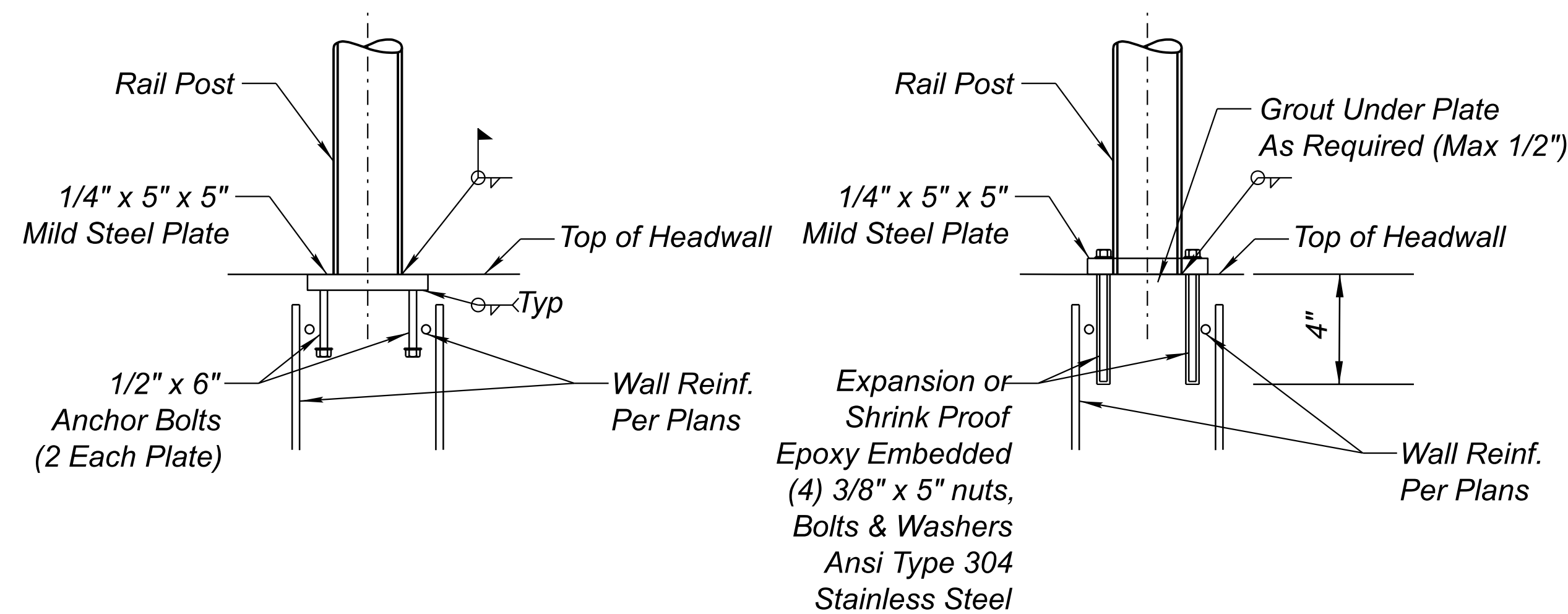
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
DRAINAGE DESIGN SECTION

DRAINAGE DETAIL SHEET
RIPRAP DETAIL

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
SR69	ARIZ.	069 YV 280	069-A-NFA	55	126	
MILEPOST	SR 69 @ SR 169					D-03.04
STRUCTURE NO.	F0288 01C					OF

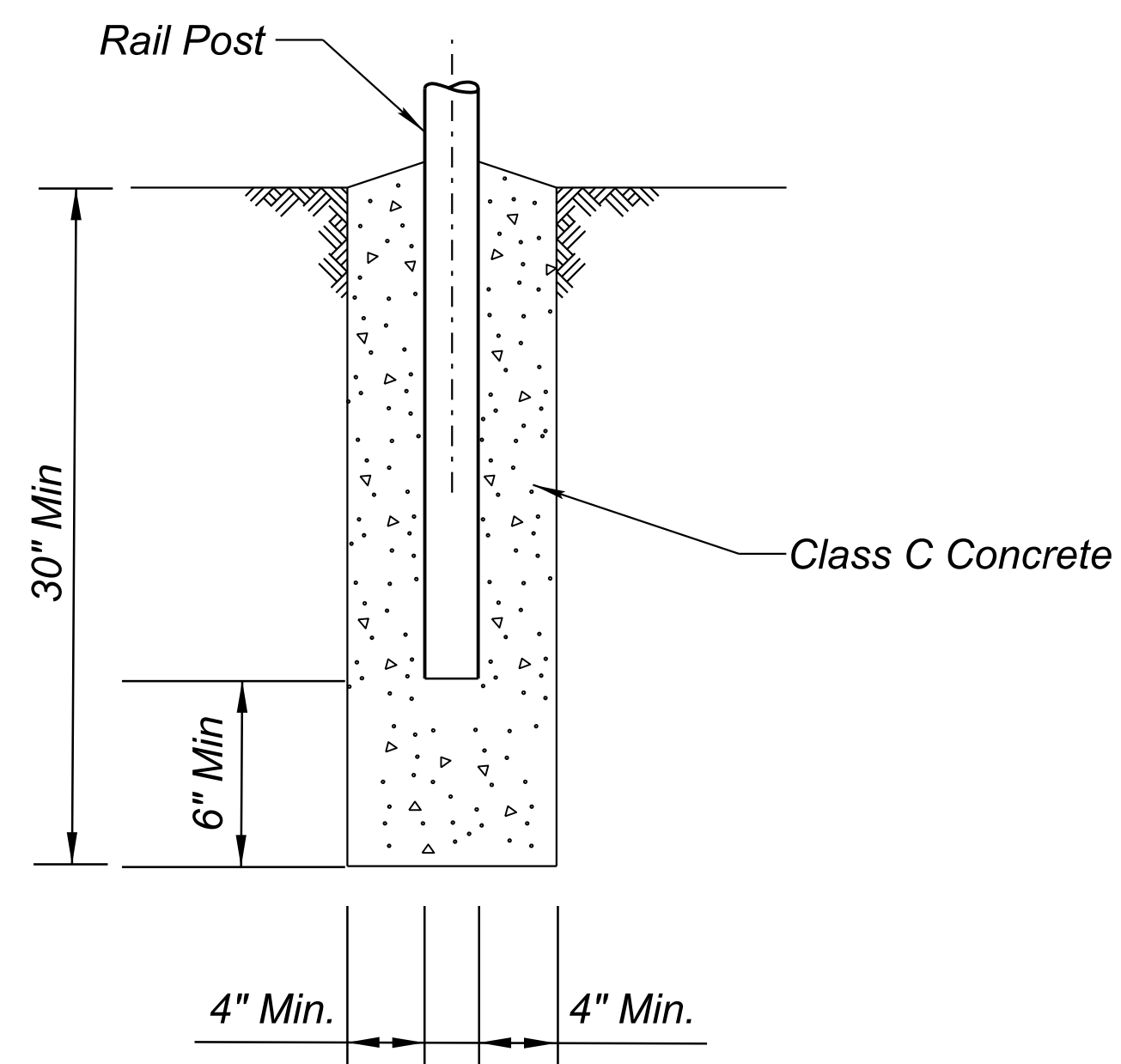


ELEVATION
NO SCALE

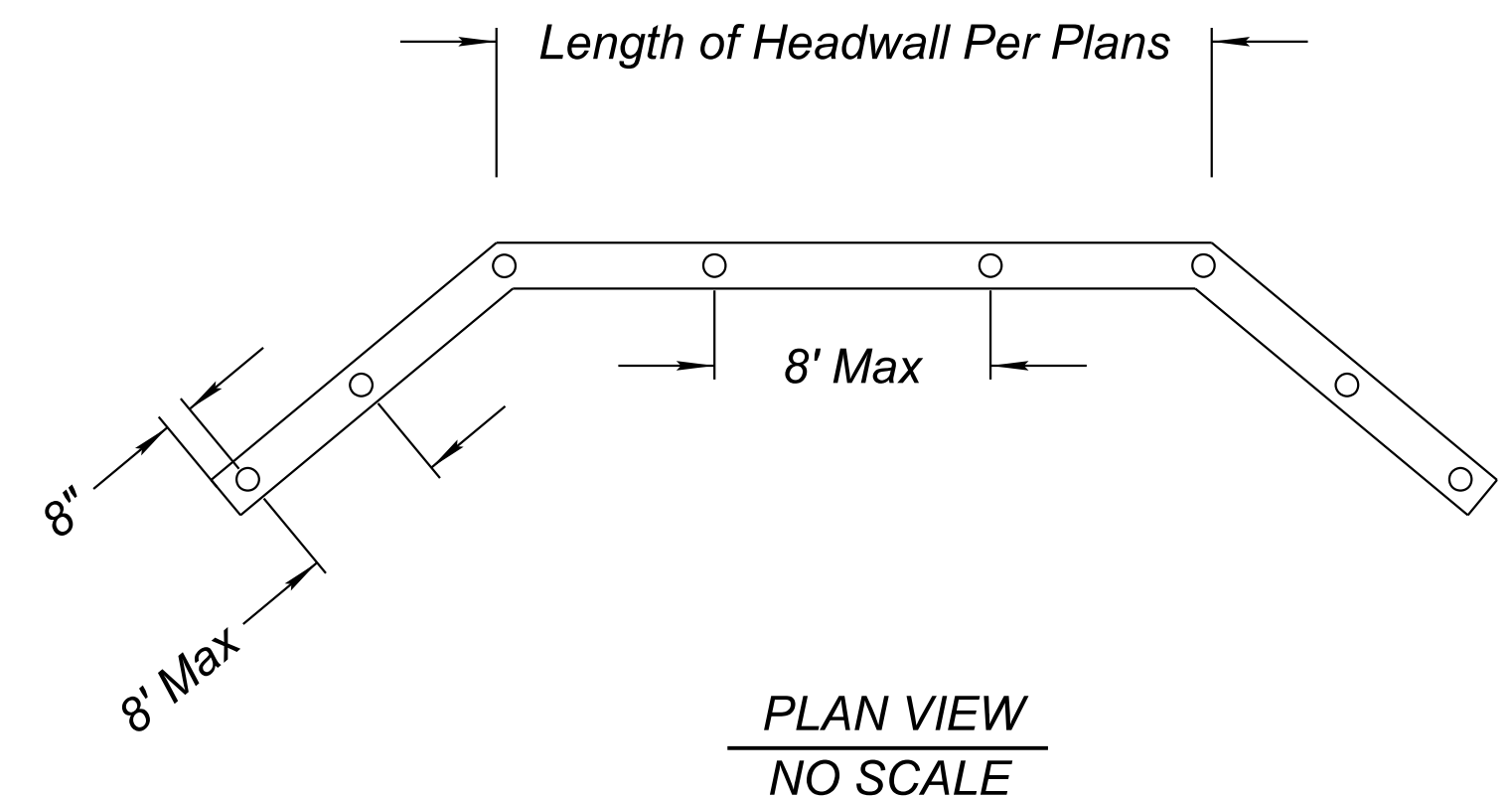


TYPE 1
ANCHOR PLATE DETAIL
NO SCALE

TYPE 2
EXPANSION BOLT DETAIL
NO SCALE



TYPE 3
GROUND INSTALLATION DETAIL
NO SCALE

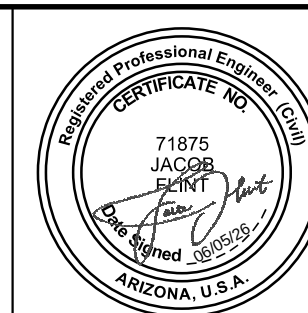


NOTES:

1. Posts and rails shall be 1.90 inch outside diameter, high strength heavy industrial steel pipe conforming to ASTM F1043 material group IA-2 (2.72 Lb/Ft, minimum yield strength=50 KSI) or material group IC galvanized after forming (2.28 Lb/Ft, minimum yield strength=50 KSI)
2. Vertical posts to be evenly spaced.
3. Remove all sharp edges.
4. Install safety rail as required by plans or specifications.
5. The embedment for anchor types 1 and 2 shall be located inside the wall reinforcement cage.
6. Safety rail is not to be used as a pedestrian bridge rail.
7. For safety rail on 8" block (CMU) walls, the top course shall be a bond beam with 20#4 longitudinal rebar and grout.

DETAIL D5

SAFETY RAIL



	NAME	DATE
DESIGN	J. FLINT	6/26
DRAWN	L. BREINING	6/26
CHECKED	T. MAHON	6/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
DRAINAGE DESIGN SECTION

DRAINAGE DETAIL SHEET
SAFETY RAIL

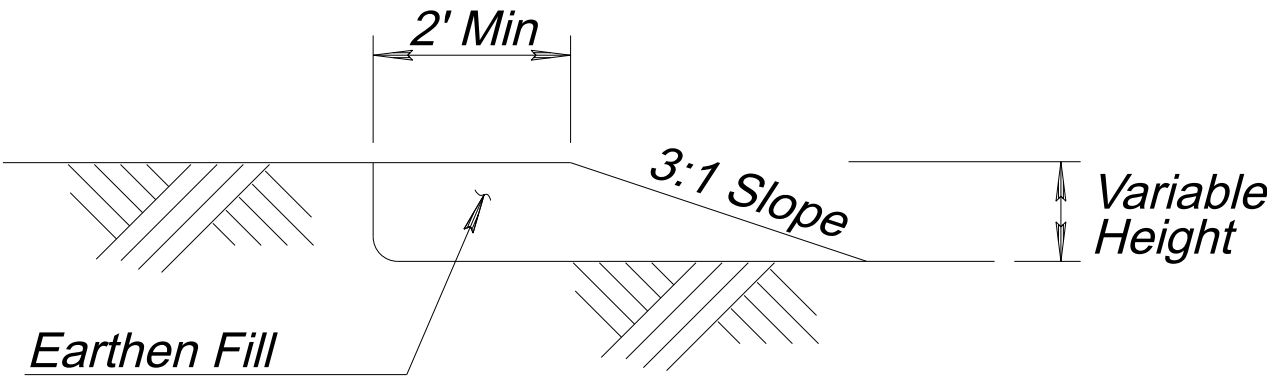
ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
SR69	ARIZ.	069 YV 280	069-A-NFA	56	126	
MILEPOST	SR 69 @ SR 169					D-03.05
STRUCTURE NO.	F0288 01C					OF

TRAFFIC CONTROL GENERAL NOTES

1. The traffic control plans represent a suggested method for traffic control during construction. The contractor may prepare another traffic control plan in accordance with Section 701 of the specifications. All Traffic Control plans must be approved by the Engineer before construction begins. No measurement or direct payment will be made for developing the plans. The cost being considered as included in the price of contract items.
2. Adjustments to the details of these traffic control plans and requirements may be necessary due to construction activities, as directed by the Engineer.
3. All signs in conflict with the construction signs shall be removed, relocated or covered in place, as directed by the Engineer. The contractor shall store and reinstall items which have been removed or relocated in a manner approved by the Engineer, at the contractor's expense. Any signs damaged during the course of construction will be replaced at the contractor's expense.
4. All construction signs shall have black letters on a fluorescent retroreflective orange background, except as otherwise noted.
5. The retroreflective sheeting on all construction signs and delineation for impact attenuators shall meet the criteria established in Sections 608 and 1007 of the specifications.
6. Sign mounting height for embedded posts is a minimum of seven feet as measured from the bottom of the sign to the near edge of the pavement. Sign mounting height for spring stands shall be per manufacturer's specifications.
7. The nearest edge or corner of a sign shall be approximately 12 feet from the nearest edge of pavement for all signs mounted on embedded posts.
8. Flags shall be mounted on top of all construction signs except the "End Road Work Thank You" sign. Type A flashing warning lights shall be required on all nighttime construction signs except "End Road Work Thank You" sign, as noted on the plans.
9. During nighttime activities the contractor shall utilize only Type I or Type II barricades or vertical panels for channelizing devices. The Engineer may allow the contractor to substitute vertical panels on tangents.
10. Type I or Type II barricades or vertical panels shall be placed 35 feet o.c. in tapers and 70 feet o.c. on tangents, except as otherwise noted on the plans.

11. A Type C steady-burning yellow light shall be mounted on every Type I, Type II barricade, drum, and vertical panel used for channelization during nighttime activities.
12. An adequate number of Type III barricades shall be placed in order to close a roadway. A Type A warning light shall be mounted on both ends of each barricade during nighttime activities.
13. Temporary striping shall be standard reflectorized traffic paint on existing pavement and temporary pavement. Preformed Type 2 removable temporary tape markings shall be used on newly installed pavement.
14. When no longer required, temporary pavement markings shall be removed. Standard reflectorized traffic paint shall be obliterated by water blasting or other methods approved by the Engineer. Painting over striping, removal of pavement, and overlaying pavement do not constitute stripe obliteration.
15. All existing pavement markings in conflict with the traffic control plans shall be removed by approved methods as indicated in the Specifications or as directed by the Engineer.
16. Speed limit signing is preliminary and is subject to review and change by the Engineer, as dictated by field conditions.
17. Construction signs shall not be displayed to traffic more than 24 hours prior to actual start of construction. These signs may be installed sooner but they must be covered or turned away from traffic. The cost for covering or turning them shall be considered a part of the sign installation cost, no further compensation will be made. These signs shall be removed within 24 hours after completion of the construction activities.

18. The embedded sign post locations shall be adjusted by the contractor per Blue Stake and as approved by the Engineer.
19. When traffic control devices are not in use, they shall be moved at least 30 feet from the roadway.
20. The contractor shall maintain all existing thru lanes on all roadways during daytime, at night, on weekends, on holidays, during special events, unless otherwise noted in the traffic control plans or as approved by the Engineer.
21. All references to "MUTCD" are to Part 6, Manual on Uniform Traffic Control Devices, 2009 Edition. All references to "TCDG" are to the ADOT Traffic Control Design Guidelines with the September 2025 revisions.



Variable Depth Fillet Detail

Note:
Use when the height of the drop-off alongside the pavement is greater than 2 inches and the condition is left overnight. No separate measurement or direct payment will be provided for constructing the earthen fill, the cost being considered included in the traffic control pay items.

			NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING		
	DESIGN	J. HSU	6/26	SR69		ARIZ.		069 YV 280	069-A-NFA	57	126				
	DRAWN	J. HSU	6/26	MILEPOST		LOCATIONSR69 @ SR169								DWG No.	T-01.01
	CHECKED	S. GOUNDLA	6/26	STRUCTURE NO.		TRACS NO. F0288 01C								OF	
				AZTEC TYP&A		501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel (602) 454-0402 Tel (480) 499-5565 www.aztecus.com	TRAFFIC CONTROL GENERAL NOTES								

APPROXIM ATE TRAFFIC CONTROL QUANTITIES										
			ACTIVITY-1	ACTIVITY-2	ACTIVITY-3	ACTIVITY-4	ACTIVITY-5	ACTIVITY-6	ACTIVITY-7	
	ITEM DESCRIPTION	UNIT	ADVANCE SIGNING	PHASE-0	PHASE-1	PHASE-2	PHASE-3	PHASE-4	PHASE 5- CLOSEOUT	TOTAL
ITEM NO.	CALENDAR DAYS (PER ACTIVITY)		346	28	53	46	114	36	55	-
7010025	TEMPORARY IMPACT ATTENUATION DEVICE (IN-LINE ENERGY ABSORBING TERM.)	EACH	-	4	3	5	4	5	-	21
7010026	TEMPORARY IMPACT ATTENUATION DEVICE (IN-LINE ENERGY ABSORBING TERM.) (IN USE)	EACH-DAY	-	112	159	264	456	180	-	1,171
7015010	TEMPORARY CONCRETE BARRIER (INSTALLATION AND REMOVAL)	L.FT.	-	3,023	709	2,011	4,320	4,290	-	14,353
7015052	OBLITERATE PAVEMENT MARKING (STRIPE)	L.FT.	-	-	11,900	11,500	15,700	-	-	39,100
7015091	SPECIALTY SIGNS	SQ.FT.	-	-	-	5	-	5	-	10
7016020	TEMPORARY CONCRETE BARRIER (IN USE)	L.FT.-DAY	-	84,644	37,577	92,506	492,480	154,440	-	861,647
7016030	BARRICADE (TYPE 1, TYPE 2, VERT.PANEL, TUBULAR MARKER)	EACH-DAY	15,570	872	5,610	2,266	4,352	288	1,375	30,333
7016031	BARRICADE (TYPE 3, HIGH LEVEL FLAG TREE)	EACH-DAY	-	-	-	138	342	-	-	480
7016032	PORTABLE SIGN STAND (RIGID)	EACH-DAY	-	112	318	276	456	180	-	1,342
7016033	PORTABLE SIGN STAND (SPRING TYPE)	EACH-DAY	-	-	1,113	874	1,596	612	-	4,195
7016035	WARNING LIGHT (TYPE A)	EACH-DAY	7,958	112	1,431	1,150	2,052	792	-	13,495
7016037	WARNING LIGHT (TYPE C)	EACH-DAY	15,570	872	5,610	2,266	4,352	288	1,375	30,333
7016039	EMBEDDED SIGN POST	EACH-DAY	18,684	-	-	-	-	-	-	18,684
7016050	TRUCK-MOUNTED ATTENUATOR	EACH-DAY	30	6	6	6	6	6	45	105
7016051	TEMPORARY SIGN (LESS THAN 10 S.F.)	EACH-DAY	692	-	1,325	966	2,508	684	-	6,175
7016052	TEMPORARY SIGN (10 S.F. OR MORE)	EACH-DAY	5,882	112	795	414	1,254	432	55	8,944
7016061	FLASHING ARROW PANEL	EACH-DAY	-	6	6	6	6	6	6	36
7016067	CHANGEABLE MESSAGE BOARD (CONTRACTOR FURNISHED)	EACH-DAY	72	84	159	138	342	108	165	1,068
7016081	FLAGGING SERVICES (DPS)	HOUR	12	72	36	36	36	36	120	348
7016082	FLAGGING SERVICES (LOCAL ENFORCEMENT OFFICER)(WITH AGENCY VEHICLE)	HOUR	12	72	36	36	36	36	120	348
7050031	PAVEMENT MARKING, PREFORMED, TYPE II YELLOW STRIPE	L.FT.	-	100	1,242	1,047	-	6,282	-	8,671
7050032	PAVEMENT MARKING, PREFORMED, TYPE II WHITE STRIPE	L.FT.	-	81	1,244	713	2,426	2,976	-	7,441
7050033	PAVEMENT MARKING, PREFORMED, TYPE II SINGLE ARROW	EACH	-	-	2	-	-	-	-	2
7080201	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED) (WHITE)	L.FT.	-	-	7,550	3,979	5,290	-	-	16,818
7080202	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED) (YELLOW)	L.FT.	-	-	8,475	7,593	9,117	7,545	-	32,730
9240086	MISCELLANEOUS WORK (TEMPORARY SIGNAL SYSTEM)	L.SUM	-	-	-	-	-	-	-	1
9240088	MISCELLANEOUS WORK (TEMPORARY LIGHTING SYSTEM)	L.SUM	-	-	-	-	-	-	-	1

DAYS INDICATED IN THE TABLE ARE CALENDAR DAYS.

Phase 0 - Construct Temp Pavement
Phase 1 - Construct Roundabout Circle
Phase 2 - Construct SR 69 Median Partial Improvements
Phase 3 -Construct Roadway Improvements to the Outside of Approaches
Phase 4 - Construct SR 69 & SR 169 Median Improvements
Phase 5 - Permanent Striping and Signing, Landscape Restoration, Closeout



	NAME	DATE
DESIGN	J. HSU	6/26
DRAWN	J. HSU	6/26
CHECKED	S. GOUNDLA	6/26

AZTEC

TYPSA

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION

TRAFFIC CONTROL
QUANTITY TABLE

ROUTE
SR69

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

STATE

ARIZ.

PROJECT NO.

069 YV 280

FEDERAL ID NO.

069-A-NFA

SHEET
NO.

58

TOTAL
SHEETS

126

RECORD DRAWING

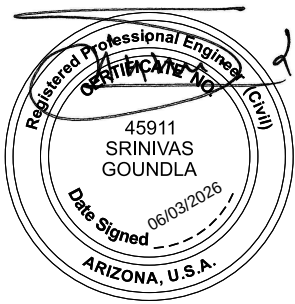
LOCATION
SR69 @ SR169

TRACS NO. F0288 01C

DWG No. T-01.02

OF

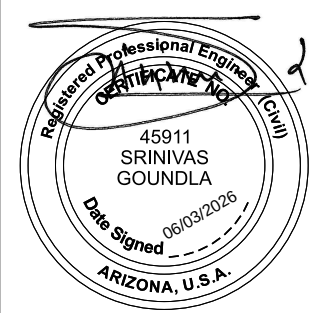
MAINTENANCE AND PROTECTION OF TRAFFIC												
ACTIVITY NO.	CONSTRUCTION PHASE	CONSTRUCTION ACTIVITY	TRAFFIC CONTROL	COMMENTS								
1	Advance Signing	Install project advance warning signs.	The contractor shall provide type II barricades w/ 20-foot spacing around changeable message boards (CMB) per Figure SA-15 of ADOT TCDG. Install standard long-term advance warning signs and CMB as shown on sheet T-01.09 in the traffic control plans. Provide traffic control as shown in Figure 6H-4 in the MUTCD for placement of advance signs.	Signs shall be mounted on embedded posts with type "A" warning lights and flags except on the "End Road Work Thank You" sign. Type "A" warning lights shall be installed on all advance warning signs. The contractor shall maintain business and local access as directed by the Engineer. Business access signs shall be provided.								
2	Phase - 0	Install Temporary Concrete Barrier (TCB) to close right turn lanes and shoulders. Remove traffic signal poles in northwest and southwest corners. Install portable traffic signals. Remove curb and gutter. Install temporary pavement, and lighting. Install permanent drainage to accommodate the temporary drainage from the existing, and temporary pavement conditions. Construct the permanent pavement in the northeast corner. Construct driveway access permanent improvements on west leg of intersection one half at a time. Construct pavement transitions between existing, new and temporary pavements.	Provide night time lane closures per Figure 6H-33 of the MUTCD for placement of temporary concrete barrier (TCB). Maintain existing through and left turn lanes with existing striping. Provide traffic control, temporary signals and ligting as shown on sheets T-01.10 - T-01.13.	The signs for all "W" series signs shall be a minimum of 48"x48" and for all "R" signs shall be a minimum of 36"x48". The contractor shall maintain business and local street access as directed by the Engineer. Business access signs shall be provided. The contractor shall coordinate de-energization of the existing traffic signal and energization of the temporary traffic signal and roadway lighting systems prior to transferring traffic. All vehicle signal heads not in use shall be covered at all times. Lane restrictions and driveway restrictions shall be limited to the times listed in the Special Provisions or as approved by the Engineer. Use DPS or local law enforcement officers and CMBs for traffic signal switchover for the corners.								
3	Phase - 1	Remove traffic control setup from Phase - 0. Install temporary striping on temporary pavement. Install TCB to set up Phase-1 traffic control. Remove existing traffic signals and equipment. Relocate existing controller cabinet. Install temporary traffic signals, and lighting. Shift traffic to the temporary pavement. Remove existing pavement. Construct drainage, pavement, inner curb, gutter, mound in the circular portion of the roundabout and, splitter islands on SR 69. Construct pavement transitions between existing, new and temporary pavements	Provide night time lane closures per Figure 6H-33 of the MUTCD for removal of temporary concrete barrier (TCB). Provide night time lane closures per Figure 6H-25 of the MUTCD for placement of temporary concrete barrier (TCB) and installation of temporary traffic signals. Use DPS or local law enforcement officers for traffic control to direct road users within the intersection. Provide traffic control and maintain lane configurations as shown on sheets T-01.14 - T-01.17.	The signs for all "W" series signs shall be a minimum of 48"x48" and for all "R" signs shall be a minimum of 36"x48". The contractor shall maintain business and local street access as directed by the Engineer. Business access signs shall be provided. Lane restrictions and driveway restrictions shall be limited to the times listed in the Special Provisions or as approved by the Engineer. Use DPS or local law enforcement officers and CMBs in advance of lane closures and flagging operations for traffic signal switchover.								
4	Phase - 2	Remove traffic control setup from Phase - 1. Remove temporary traffic signals and lighting. Install temporary striping. Use preformed tape for new pavement and paint for existing/ temporary pavement. Install TCB for Phase - 2 traffic control. Install temporary lighting at the roundabout. Shift traffic at the intersection onto newly constructed roundabout. Remove existing pavement. Construct median improvements on north and south legs of new roundabout. Construct pavement transitions between existing, new and temporary pavements.	Provide night time lane closures per Figure 6H-33 of the MUTCD for removal of temporary concrete barrier (TCB). Provide night time lane closures per Figure 6H-25 of the MUTCD for placement of temporary concrete barrier (TCB) and installation of temporary lighting. Use DPS or local law enforcement officers for traffic control to direct road users within the intersection. Provide traffic control and maintain lane configurations as shown on sheets T-01.18 - T-01.20. Necessary night time lane closures shall be per Figure 6H-33 of the MUTCD.	The signs for all "W" series signs shall be a minimum of 48"x48" and for all "R" signs shall be a minimum of 36"x48". The contractor shall maintain business and local access as directed by the Engineer. Business access signs shall be provided. Use DPS or local law enforcement officers and CMBs for traffic control setup change. Lane restrictions shall be limited to the times listed in the Special Provisions or as approved by the Engineer.								

	DESIGN	J. HSU	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE	SR69	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DRAWN	J. HSU	6/26		MILEPOST								
	CHECKED	S. GOUNDLA	6/26		STRUCTURE NO.								
	 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (602) 459-5565 www.aztecus				TRAFFIC CONTROL MAINTENANCE OF TRAFFIC SHEET 1 OF 2		LOCATION		SR69 @ SR169		DWG No.		T-01.03
						TRACS NO.		F0288 01C		OF			

MAINTENANCE AND PROTECTION OF TRAFFIC (CONTINUED)				
ACTIVITY NO.	CONSTRUCTION PHASE	CONSTRUCTION ACTIVITY	TRAFFIC CONTROL	COMMENTS
5	Phase - 3	Remove TCB from Phase 2. Install TCB for Phase-3. Install temporary striping. Shift traffic to inside lanes.	Provide night time lane closures per Figure 6H-33 of the MUTCD for placement of TCB.	The signs for all “W” series signs shall be a minimum of 48”x48” and for all “R” signs shall be a minimum of 36”x48”. The contractor shall maintain business and local access as directed by the Engineer. Business access signs shall be provided. Use DPS or local law enforcement officers and CMS's in advance of lane closures. Lane restrictions shall be limited to the times listed in the Special Provisions or as approved by the Engineer.
		Remove temporary pavement on the outsides. Construct new pavement, curb and gutter on SR 69 and SR 169. Construct permanent roadway lighting.	Provide traffic control and maintain lane configurations as shown on sheets T-01.21 - T-01.23. Maintain temporary lighting system provided in Phase 2. For the work activities outside the roadway, the contractor shall provide shoulder closures per TA-6 of the MUTCD.	
6	Phase - 4	Remove TCB from Phase 3. Install TCB for Phase 4. Install Temporary striping. Shift traffic to outside.	Provide night time lane closures per Figure 6H-33 of the MUTCD for placement of TCB.	The signs for all “W” series signs shall be a minimum of 48”x48” and for all “R” signs shall be a minimum of 36”x48”. The contractor shall maintain business and local access as directed by the Engineer. Business access signs shall be provided. Use DPS or local law enforcement officers and CMS's in advance of lane closures. Lane restrictions shall be limited to the times listed in the Special Provisions or as approved by the Engineer.
		Remove existing pavement. Construct inside pavement and median improvements on SR 69. Continue construction of median improvements on SR 169.	Provide traffic control and maintain lane configurations as shown on sheets T-01.24 - T-01.25.	
7	Phase 5- Project Closeout	Install permanent pavement markings, signing and roadside restoration.	The contractor shall provide a daytime mobile operation per 6H-35 in the MUTCD for placement of pavement markings. For the work activities outside the roadway, the contractor shall provide shoulder closures per TA-6 of the MUTCD.	The contractor shall provide shadow vehicles with truck mounted attenuators during mobile operations. DPS or local law enforcement officers shall be present for placement of final signing and pavement markings.

TRAFFIC CONTROL NOTES:

1. The order of construction activities does not constitute a sequence of construction. The contractor shall perform the work in the most expeditious manner consistent with the Plans and Special Provisions with approval of the Engineer.

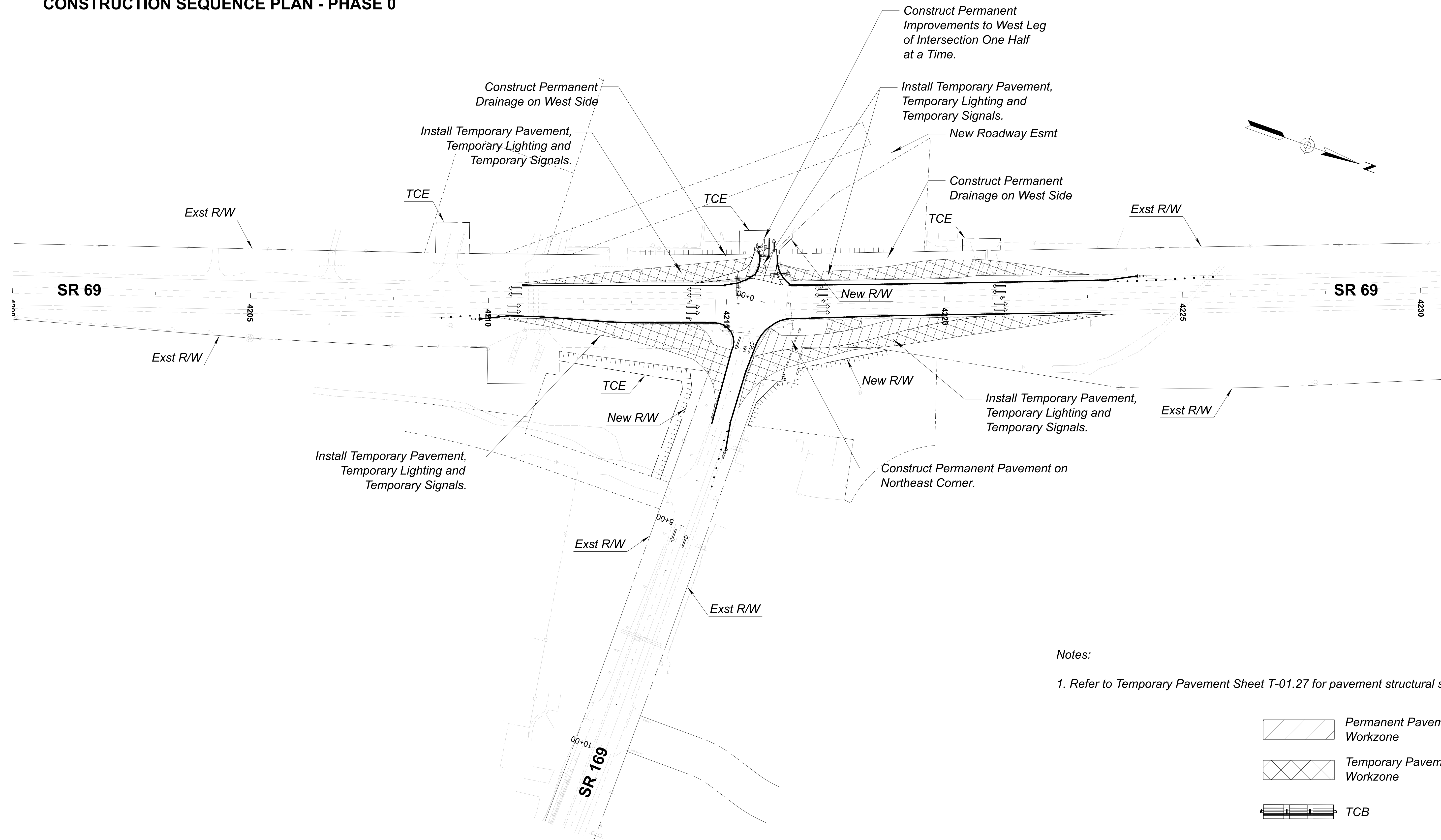


	NAME	DATE
DESIGN	J. HSU	6/26
DRAWN	J. HSU	6/26
CHECKED	S. GOUNDLA	6/26

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ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION		ROUTE SR69	F.H.W.A, Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 60	TOTAL SHEETS 126	RECORD DRAWING	
		MILEPOST		LOCATION SR69 @ SR169					DWG No. T-01.03A	
		STRUCTURE NO.	TRACS NO. F0288 01C		____ OF ____					

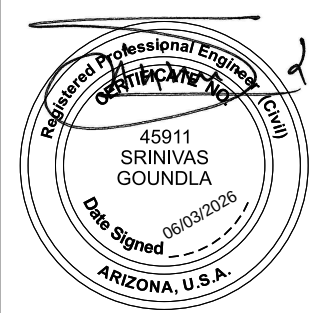
CONSTRUCTION SEQUENCE PLAN - PHASE 0



- Notes:
1. Refer to Temporary Pavement Sheet T-01.27 for pavement structural section.

Legend:

- Permanent Pavement Workzone
- Temporary Pavement Workzone
- TCB



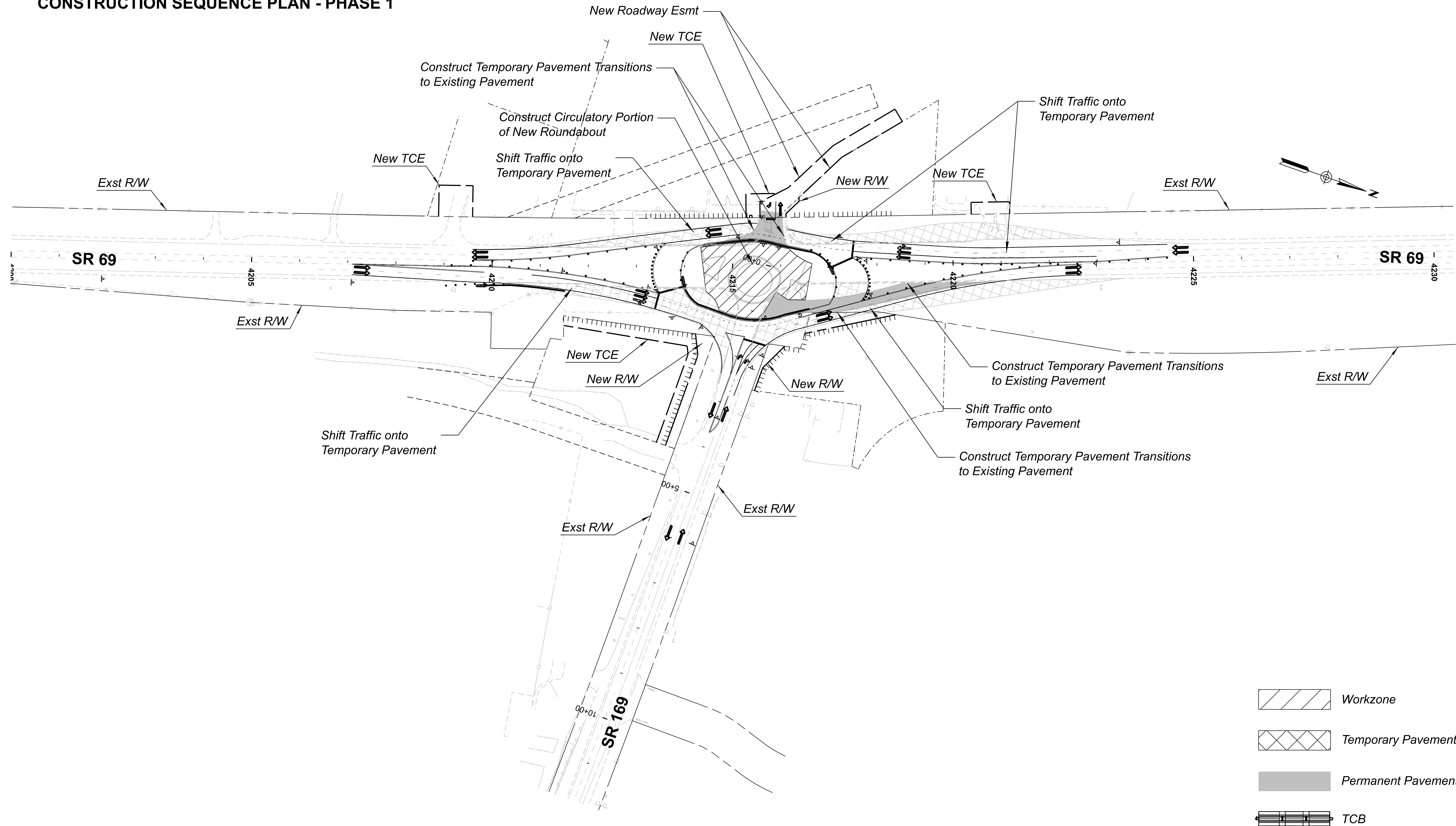
	NAME	DATE
DESIGN	J. HSU	6/26
DRAWN	J. HSU	6/26
CHECKED	S. GOUNDLA	6/26

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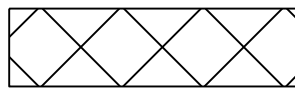
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION
CONSTRUCTION SEQUENCE PLAN
PHASE 0

ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 61	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST	LOCATION SR69 @ SR169						DWG No. T-01.04
STRUCTURE NO.	TRACS NO. F0288 01C						OF

CONSTRUCTION SEQUENCE PLAN - PHASE 1

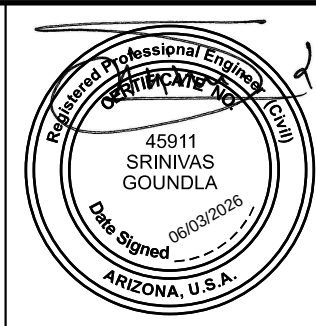


 Workzone

 Temporary Pavement

 Permanent Pavement

 TCB



	NAME	DATE
DESIGN	J. HSU	6/26
DRAWN	J. HSU	6/26
CHECKED	S. GOUNDLA	6/26

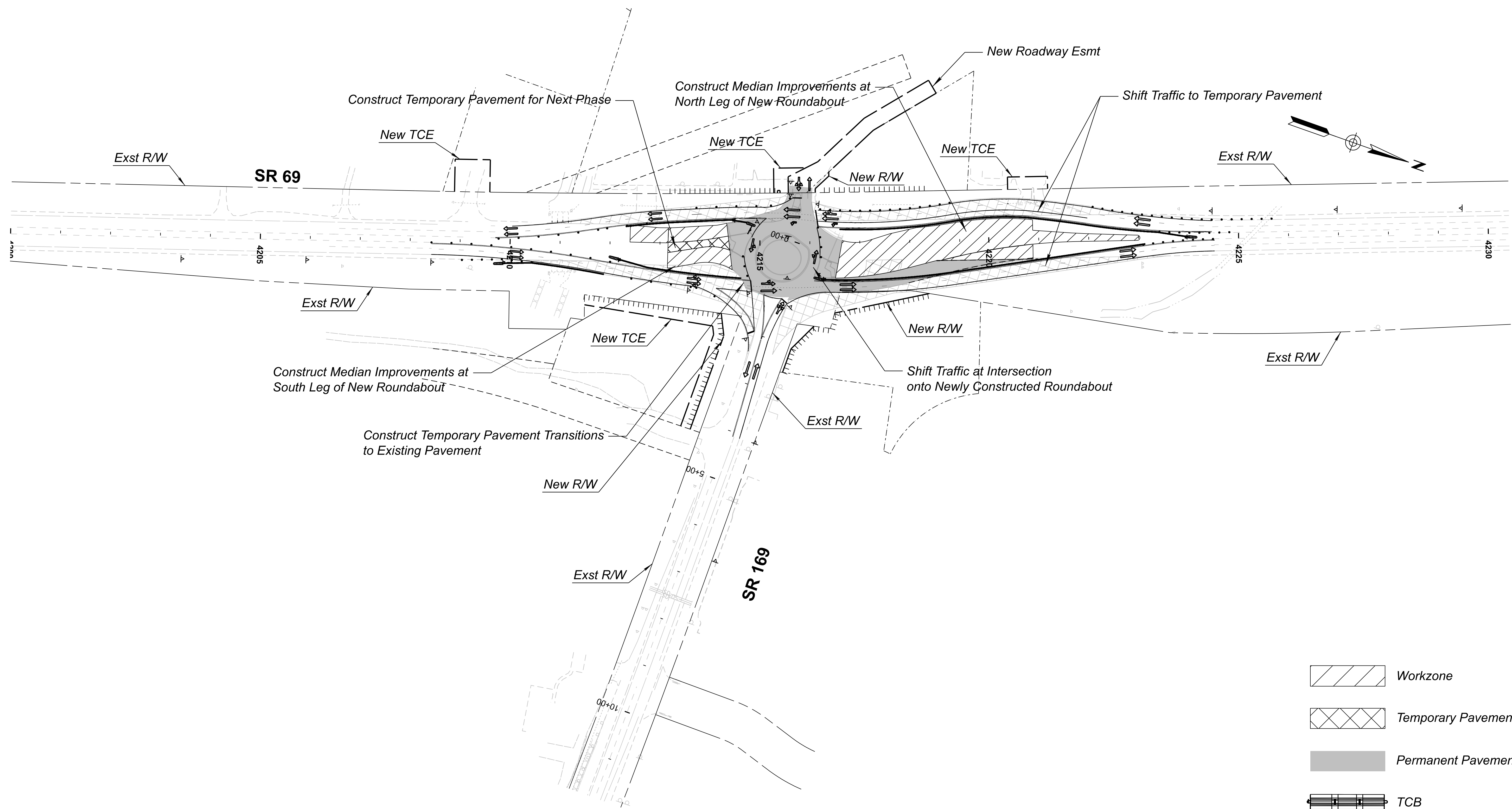
AZTEC TYPSA
501 N 44th St, Suite 300
Phoenix, AZ 85008-4505
Tel: (602) 454-0402
Fax: (602) 459-5545
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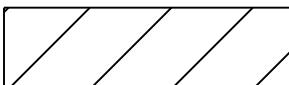
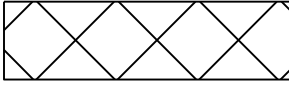
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION

CONSTRUCTION SEQUENCE PLAN
PHASE 1

ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 62	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST	LOCATION SR69 @ SR169					DWG No. T-01.05	
STRUCTURE NO.	TRACS NO. F0288 01C					___ OF ___	

CONSTRUCTION SEQUENCE PLAN - PHASE 2



-  Workzone
-  Temporary Pavement
-  Permanent Pavement
-  TCB



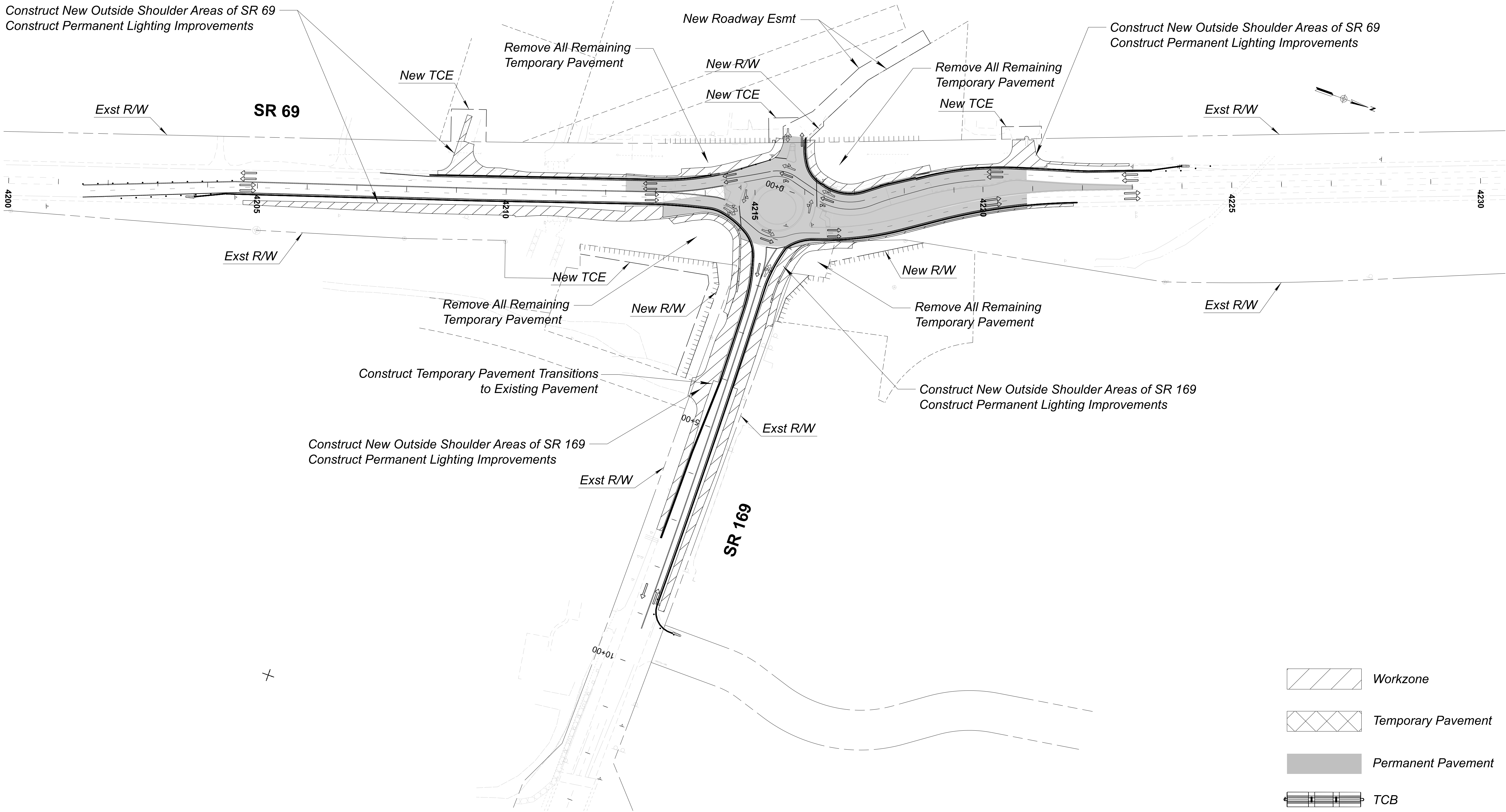
	NAME	DATE
DESIGN	J. HSU	6/26
DRAWN	J. HSU	6/26
CHECKED	S. GOUNDLA	6/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION
CONSTRUCTION SEQUENCE PLAN
PHASE 2

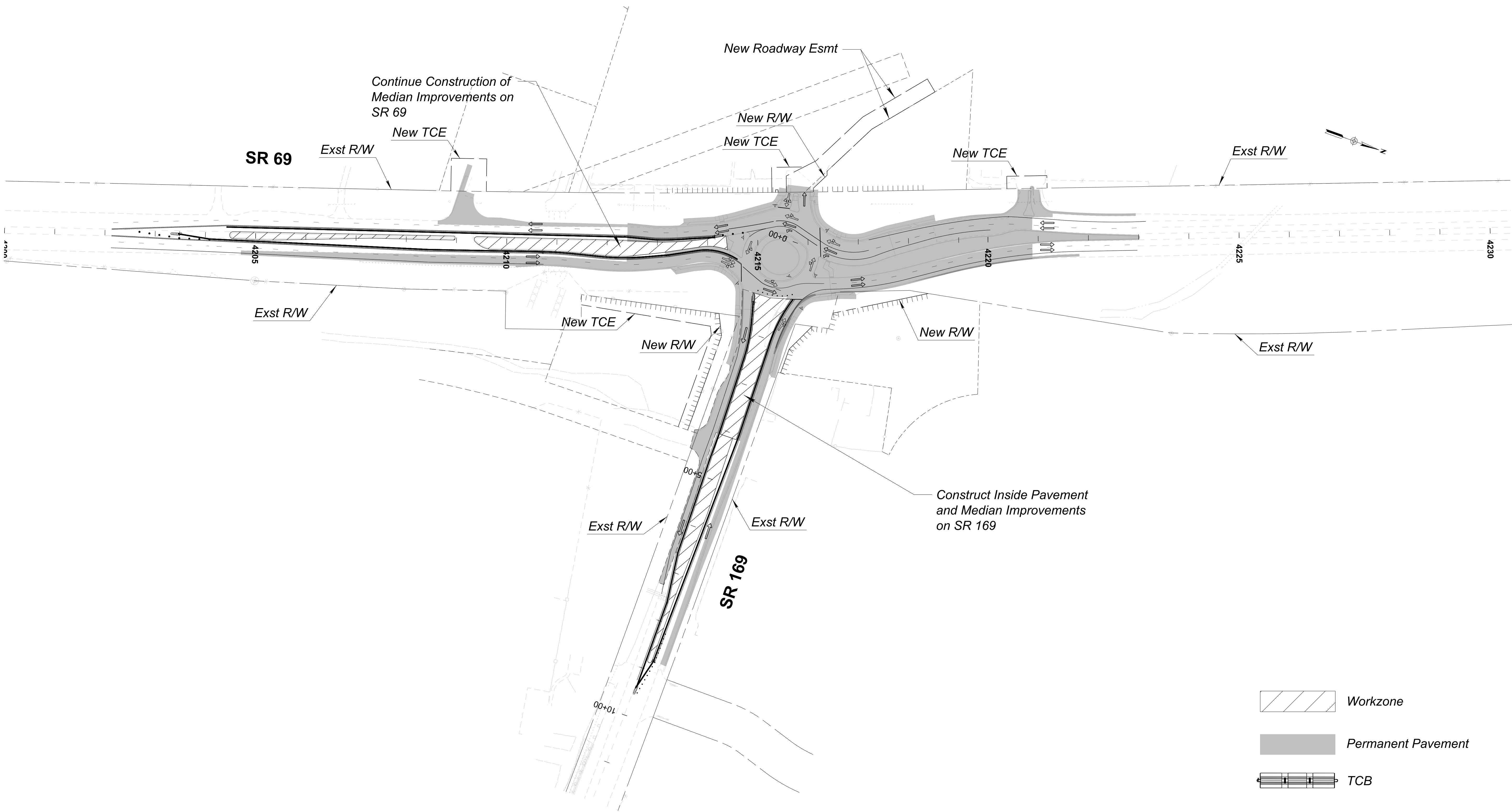
ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 63	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST	LOCATION SR69 @ SR169						DWG No. T-01.06
STRUCTURE NO.	TRACS NO. F0288 01C						___ OF ___

CONSTRUCTION SEQUENCE PLAN - PHASE 3

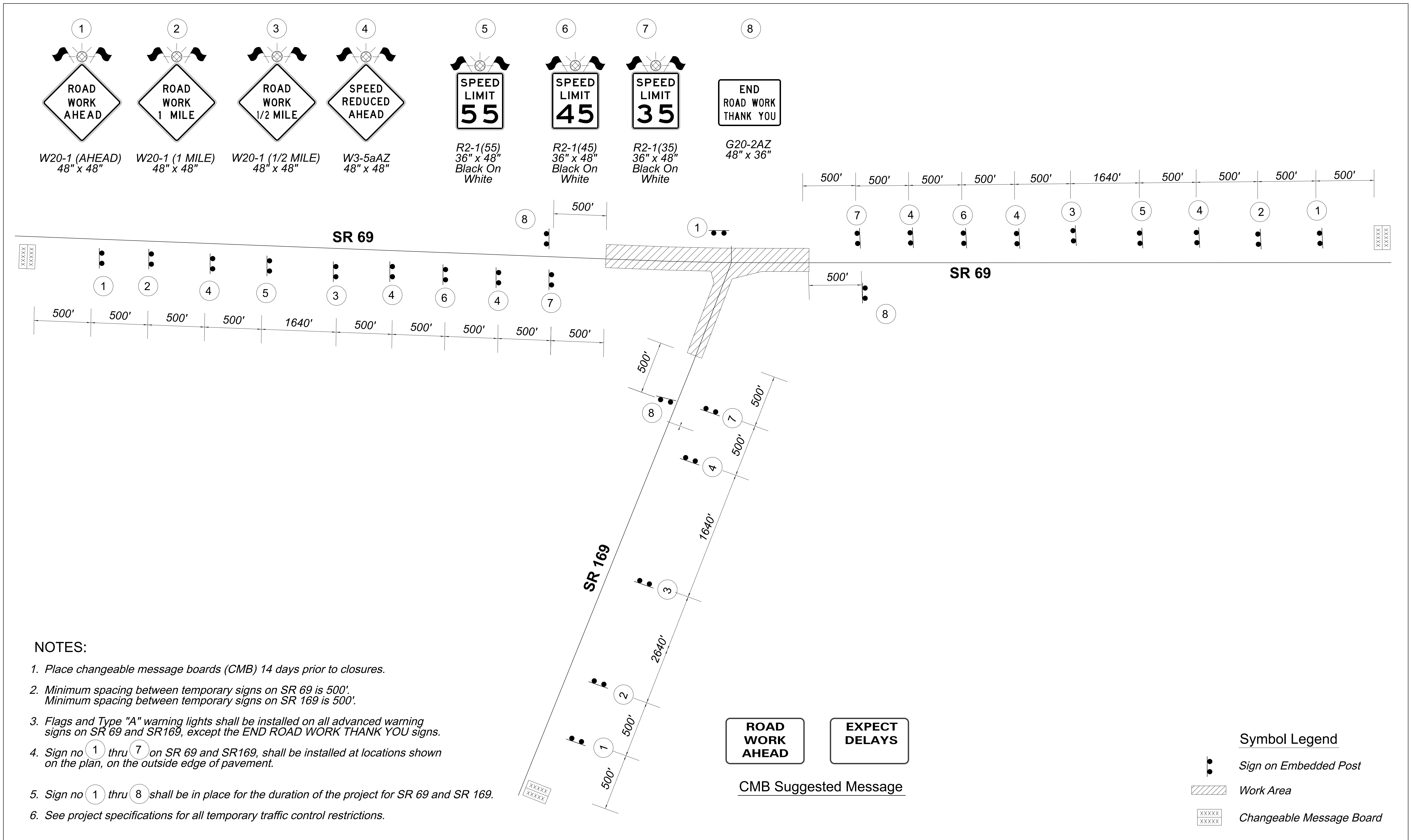


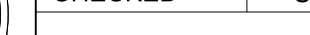
Professional Engineer 45911 SRINIVAS GOUNDLA Date Signed 06/03/2026 ARIZONA, U.S.A. AZTEC TYPSA 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5565 www.aztecusa.com	DESIGN	J. HSU	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE	SR69	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	069 YV 280	FEDERAL ID NO.	069-A-NFA	SHEET NO.	64	TOTAL SHEETS	126	RECORD DRAWING
	DRAWN	J. HSU	6/26		MILEPOST			LOCATION	SR69 @ SR169								DWG No.	T-01.07
	CHECKED	S. GOUNDLA	6/26		STRUCTURE NO.		TRACS NO. F0288 01C								OF			
	CONSTRUCTION SEQUENCE PLAN PHASE 3																	

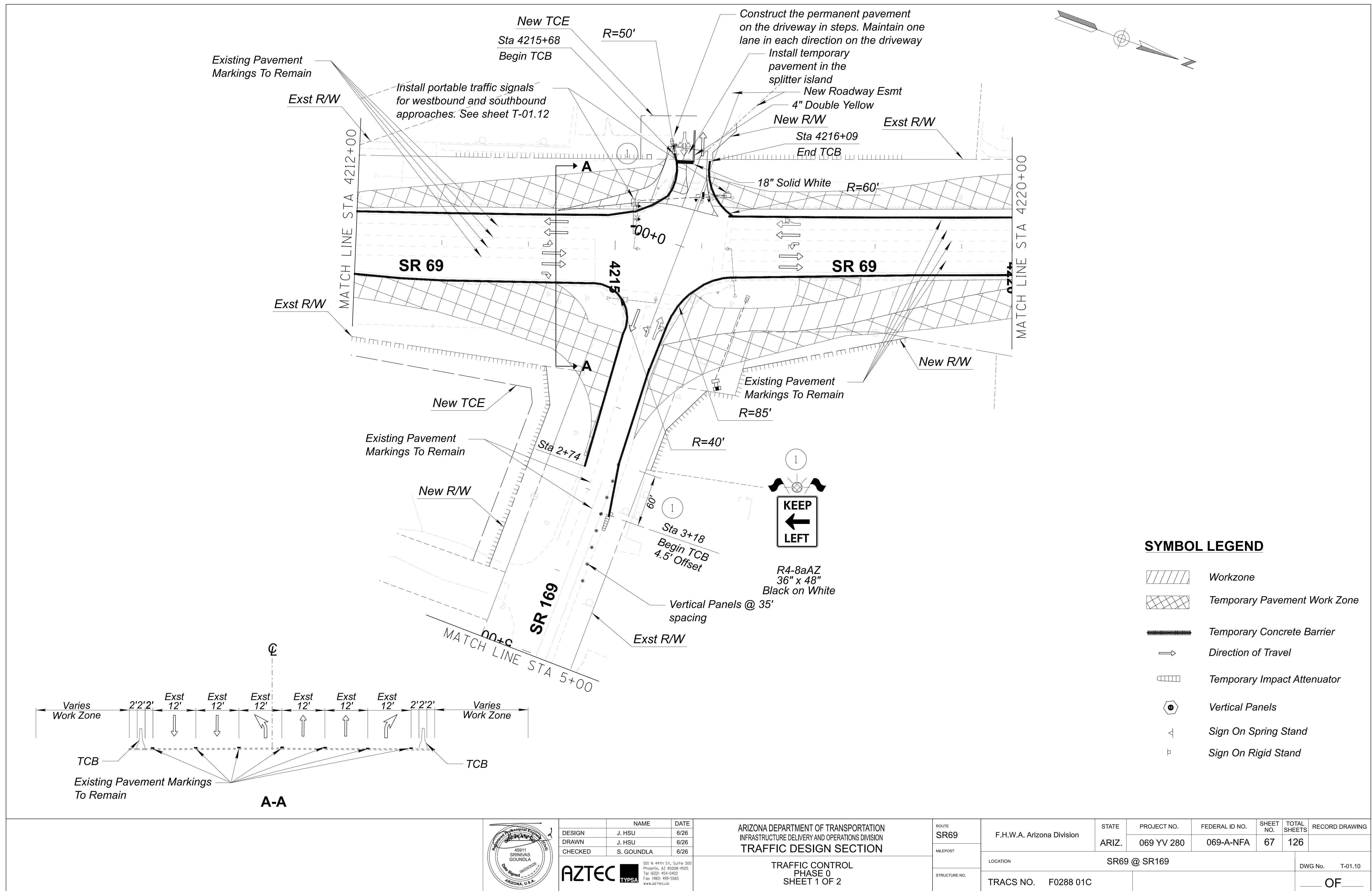
CONSTRUCTION SEQUENCE PLAN - PHASE 4

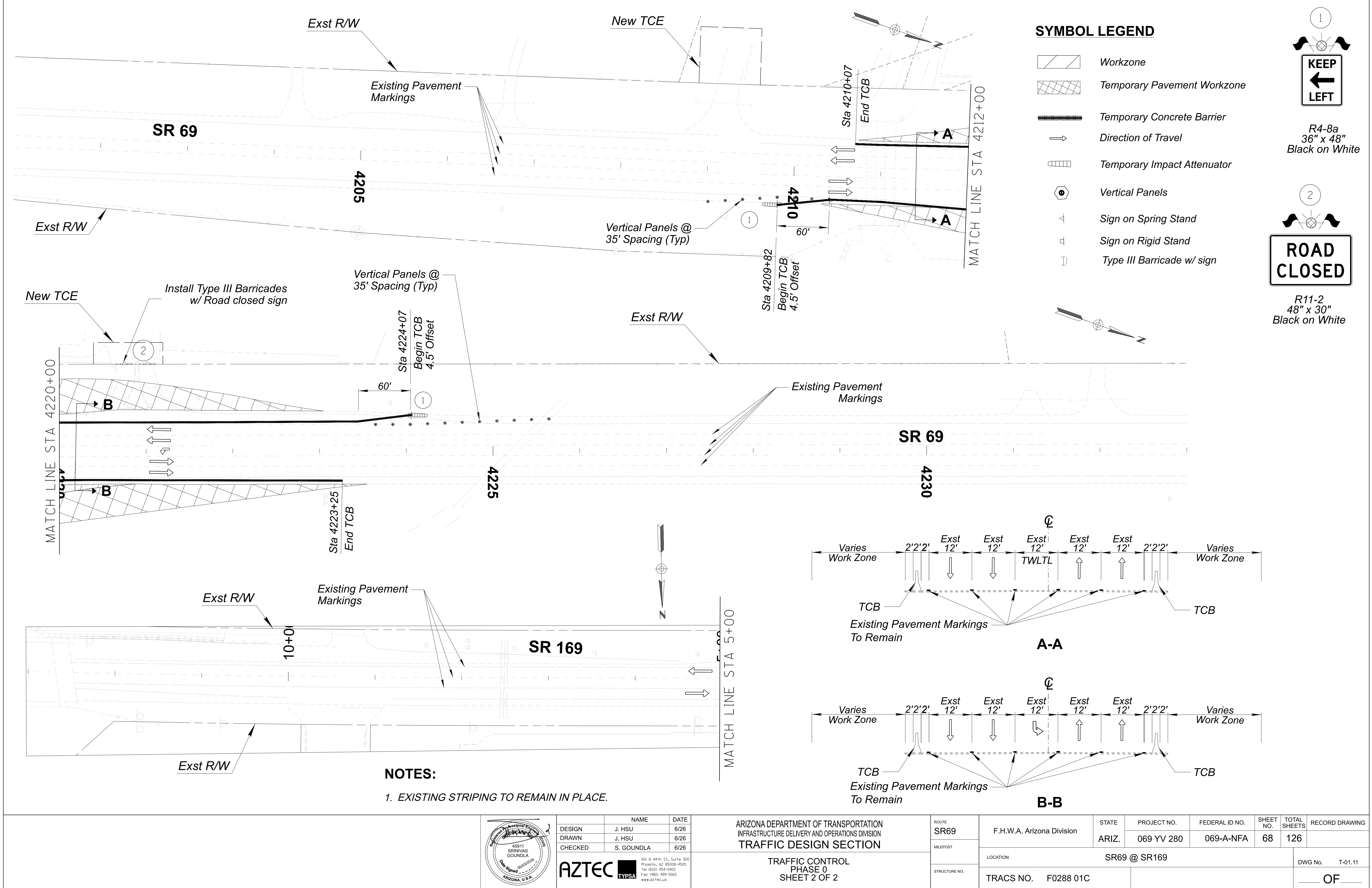


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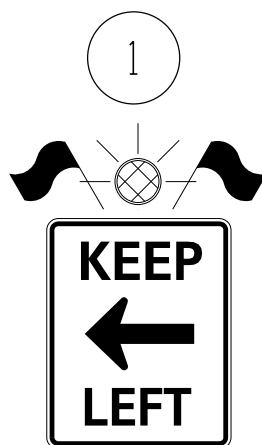
	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	
	DESIGN	J. HSU	6/26					069 YV 280	069-A-NFA	66	126		
	DRAWN	J. HSU	6/26					LOCATION SR69 @ SR169			DWG No. T-01.09		
	CHECKED	S. GOUNDLA	6/26					TRACS NO. F0288 01C					
 501 N 44th St, Suite 300 Phoenix, AZ 85018-4005 Tel (602) 454-0402 Fax (480) 499-5565 www.aztecus				TRAFFIC CONTROL ADVANCE WARNING SIGN DETAIL		____ OF ____							





SYMBOL LEGEND

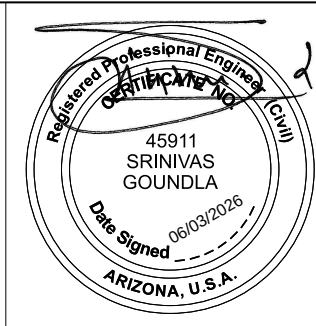
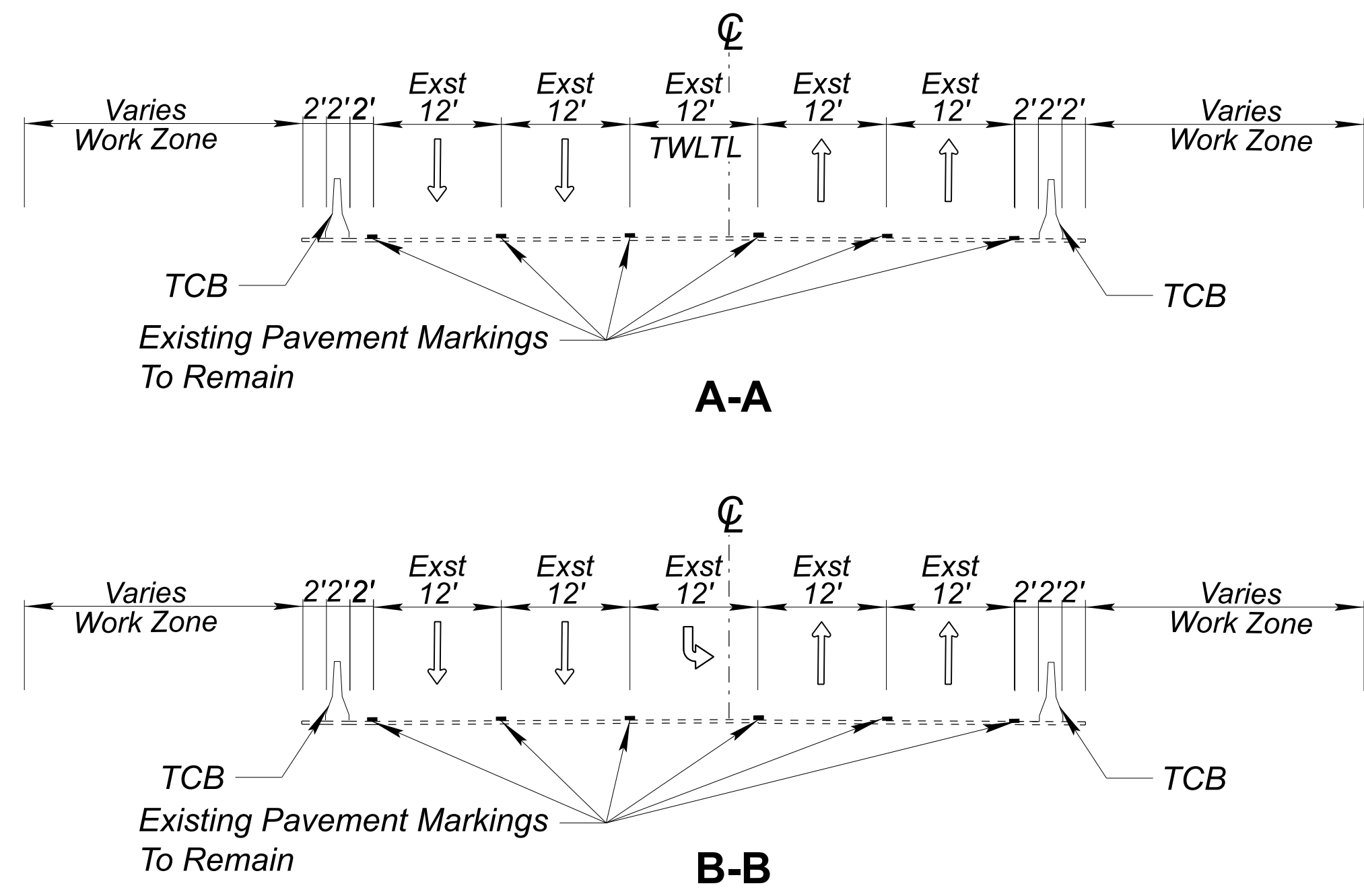
- Workzone
- Temporary Pavement Workzone
- Temporary Concrete Barrier
- Direction of Travel
- Temporary Impact Attenuator
- Vertical Panels
- Sign on Spring Stand
- Sign on Rigid Stand
- Type III Barricade w/ sign



R4-8a
36" x 48"
Black on White



R11-2
48" x 30"
Black on White



	NAME	DATE
DESIGN	J. HSU	6/26
DRAWN	J. HSU	6/26
CHECKED	S. GOUNDLA	6/26

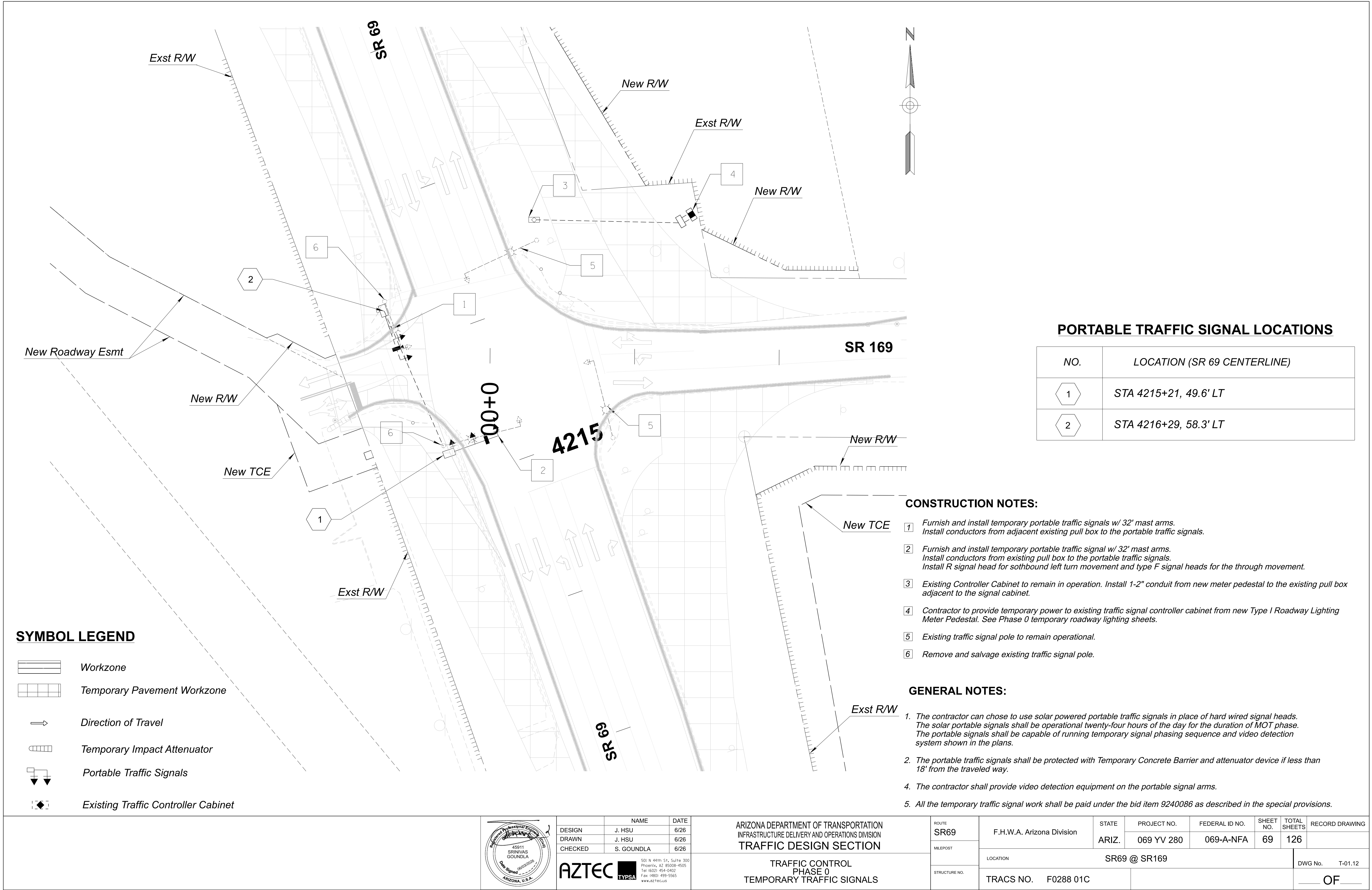
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION

TRAFFIC CONTROL
PHASE 0
SHEET 2 OF 2

ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 68	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST		LOCATION SR69 @ SR169					
STRUCTURE NO.	TRACS NO. F0288 01C			____ OF ____			



PORTABLE TRAFFIC SIGNAL LOCATIONS

NO.	LOCATION (SR 69 CENTERLINE)
1	STA 4215+21, 49.6' LT
2	STA 4216+29, 58.3' LT

CONSTRUCTION NOTES:

- 1
- Furnish and install temporary portable traffic signals w/ 32' mast arms.
Install conductors from adjacent existing pull box to the portable traffic signals.
- 2
- Furnish and install temporary portable traffic signal w/ 32' mast arms.
Install conductors from existing pull box to the portable traffic signals.
Install R signal head for sothbound left turn movement and type F signal heads for the through movement.
- 3
- Existing Controller Cabinet to remain in operation. Install 1-2" conduit from new meter pedestal to the existing pull box adjacent to the signal cabinet.
- 4
- Contractor to provide temporary power to existing traffic signal controller cabinet from new Type I Roadway Lighting Meter Pedestal. See Phase 0 temporary roadway lighting sheets.
- 5
- Existing traffic signal pole to remain operational.
- 6
- Remove and salvage existing traffic signal pole.

GENERAL NOTES:

1.
- The contractor can chose to use solar powered portable traffic signals in place of hard wired signal heads.
The solar portable signals shall be operational twenty-four hours of the day for the duration of MOT phase.
The portable signals shall be capable of running temporary signal phasing sequence and video detection system shown in the plans.
2.
- The portable traffic signals shall be protected with Temporary Concrete Barrier and attenuator device if less than 18' from the traveled way.
4.
- The contractor shall provide video detection equipment on the portable signal arms.
5.
- All the temporary traffic signal work shall be paid under the bid item 9240086 as described in the special provisions.

SYMBOL LEGEND

- Workzone
- Temporary Pavement Workzone
- Direction of Travel
- Temporary Impact Attenuator
- Portable Traffic Signals
- Existing Traffic Controller Cabinet



DESIGNJ. HSU6/26

DRAWNJ. HSU6/26

CHECKEDS. GOUNDLA6/26

AZTEC

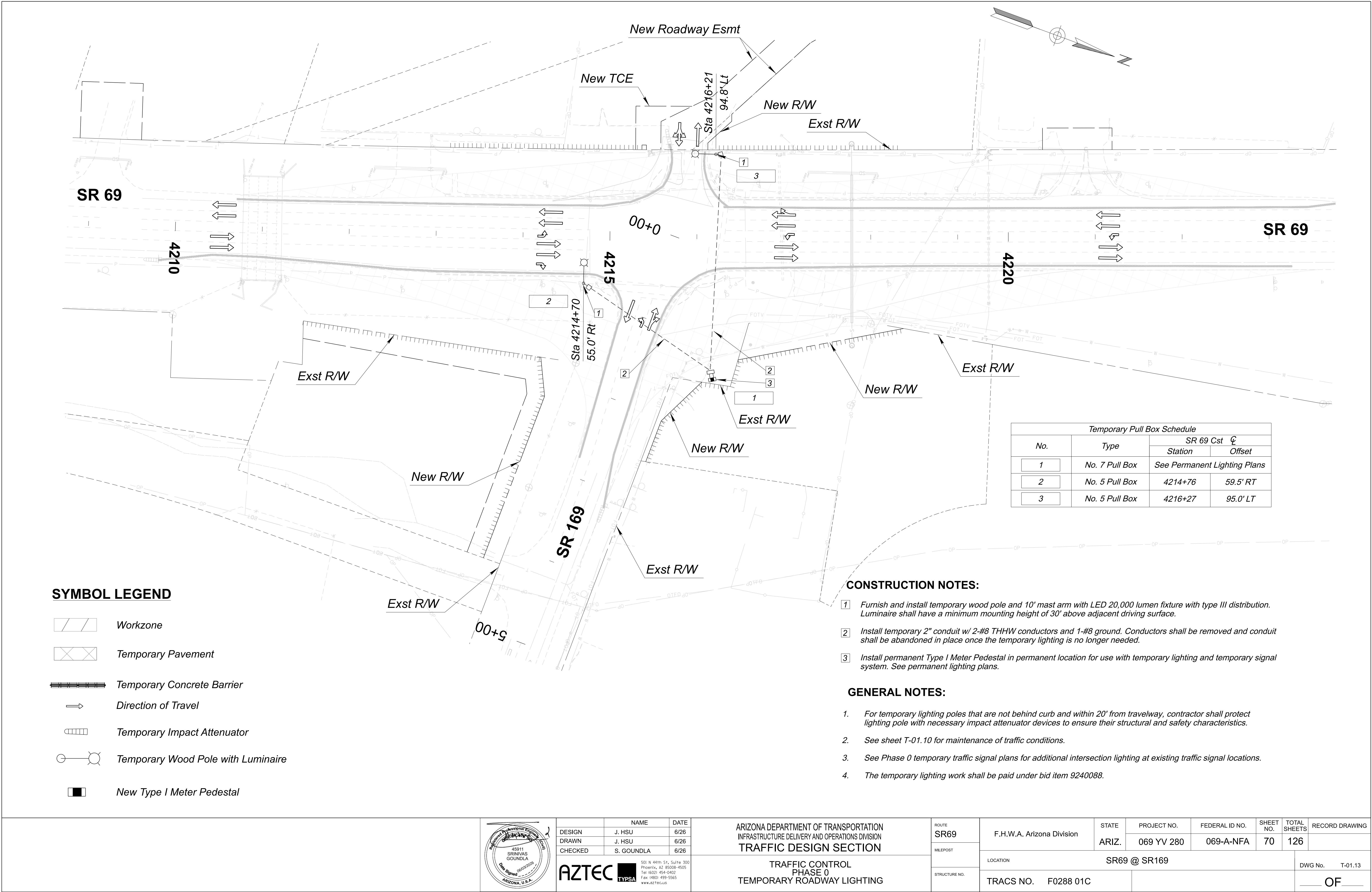
TYPSA

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION

TRAFFIC CONTROL
PHASE 0
TEMPORARY TRAFFIC SIGNALS

ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 69	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST	LOCATION SR69 @ SR169					DWG No.	T-01.12
STRUCTURE NO.	TRACS NO. F0288 01C					____ OF ____	



Temporary Pull Box Schedule			
No.	Type	SR 69 Cst	
		Station	Offset
1	No. 7 Pull Box	See Permanent Lighting Plans	
2	No. 5 Pull Box	4214+76	59.5' RT
3	No. 5 Pull Box	4216+27	95.0' LT

SYMBOL LEGEND

-
- Workzone
-
- Temporary Pavement
-
- Temporary Concrete Barrier
-
- Direction of Travel
-
- Temporary Impact Attenuator
-
- Temporary Wood Pole with Luminaire
-
- New Type I Meter Pedestal

CONSTRUCTION NOTES:

- 1
- Furnish and install temporary wood pole and 10' mast arm with LED 20,000 lumen fixture with type III distribution. Luminaire shall have a minimum mounting height of 30' above adjacent driving surface.
- 2
- Install temporary 2" conduit w/ 2-#8 THHW conductors and 1-#8 ground. Conductors shall be removed and conduit shall be abandoned in place once the temporary lighting is no longer needed.
- 3
- Install permanent Type I Meter Pedestal in permanent location for use with temporary lighting and temporary signal system. See permanent lighting plans.

GENERAL NOTES:

1.
- For temporary lighting poles that are not behind curb and within 20' from travelway, contractor shall protect lighting pole with necessary impact attenuator devices to ensure their structural and safety characteristics.
2.
- See sheet T-01.10 for maintenance of traffic conditions.
3.
- See Phase 0 temporary traffic signal plans for additional intersection lighting at existing traffic signal locations.
4.
- The temporary lighting work shall be paid under bid item 9240088.



	NAME	DATE
DESIGN	J. HSU	6/26
DRAWN	J. HSU	6/26
CHECKED	S. GOUNDLA	6/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION

TRAFFIC CONTROL
PHASE 0
TEMPORARY ROADWAY LIGHTING

ROUTE
SR69

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

LOCATION

TRACS NO. F0288 01C

STATE
ARIZ.

PROJECT NO.
069 YV 280

FEDERAL ID NO.
069-A-NFA

SHEET
NO.
70

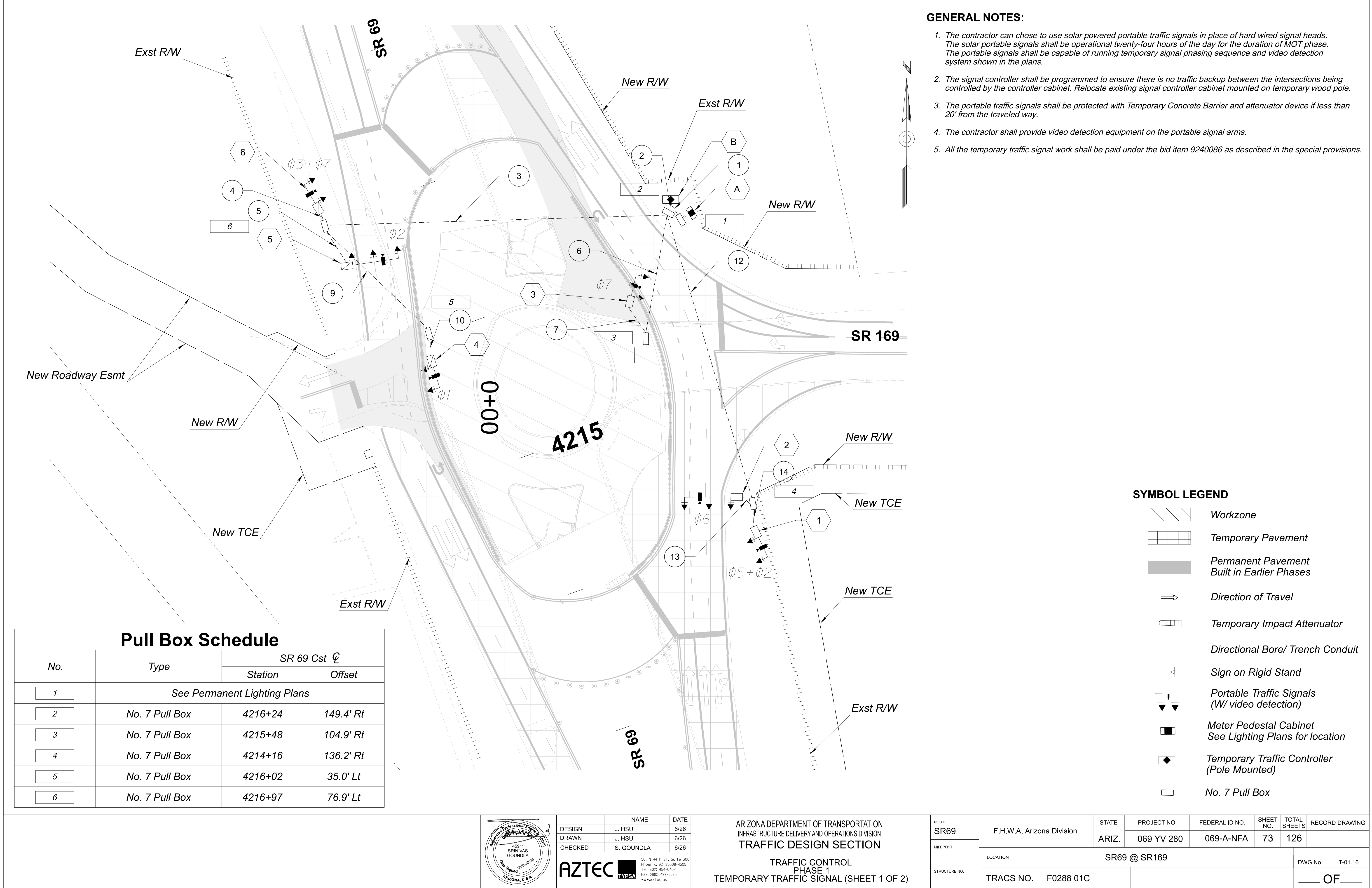
TOTAL
SHEETS
126

RECORD DRAWING

SR69 @ SR169

DWG No. T-01.13

OF



- GENERAL NOTES:**
1. The contractor can chose to use solar powered portable traffic signals in place of hard wired signal heads. The solar portable signals shall be operational twenty-four hours of the day for the duration of MOT phase. The portable signals shall be capable of running temporary signal phasing sequence and video detection system shown in the plans.
 2. The signal controller shall be programmed to ensure there is no traffic backup between the intersections being controlled by the controller cabinet. Relocate existing signal controller cabinet mounted on temporary wood pole.
 3. The portable traffic signals shall be protected with Temporary Concrete Barrier and attenuator device if less than 20' from the traveled way.
 4. The contractor shall provide video detection equipment on the portable signal arms.
 5. All the temporary traffic signal work shall be paid under the bid item 9240086 as described in the special provisions.

SYMBOL LEGEND

	Workzone
	Temporary Pavement
	Permanent Pavement Built in Earlier Phases
	Direction of Travel
	Temporary Impact Attenuator
	Directional Bore/ Trench Conduit
	Sign on Rigid Stand
	Portable Traffic Signals (W/ video detection)
	Meter Pedestal Cabinet See Lighting Plans for location
	Temporary Traffic Controller (Pole Mounted)
	No. 7 Pull Box

Pull Box Schedule			
No.	Type	SR 69 Cst $\bar{C}$	
		Station	Offset
1	See Permanent Lighting Plans		
2	No. 7 Pull Box	4216+24	149.4' Rt
3	No. 7 Pull Box	4215+48	104.9' Rt
4	No. 7 Pull Box	4214+16	136.2' Rt
5	No. 7 Pull Box	4216+02	35.0' Lt
6	No. 7 Pull Box	4216+97	76.9' Lt



	NAME	DATE
DESIGN	J. HSU	6/26
DRAWN	J. HSU	6/26
CHECKED	S. GOUNDLA	6/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION

**TRAFFIC CONTROL
PHASE 1
TEMPORARY TRAFFIC SIGNAL (SHEET 1 OF 2)**

ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 73	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST	LOCATION SR69 @ SR169					DWG No. T-01.16	
STRUCTURE NO.	TRACS NO. F0288 01C					____ OF ____	

POLE SCHEDULE									
TRAFFIC SIGNAL CONTROLLER							REMARKS	LOCATION	
CABINET	TYPE	CONTROLLER	AUX. CONTROL						
A		Use Permanent Lighting Meter Pedestal for Temporary Signals							
B		Relocate Existing Signal Cabinet (Wood Pole Mounted)							
POLE	MAST ARM			SIGNALS		P.B.	REMARKS	LOCATION	
NO.	TYPE	SIG.	LUM.	MTG.	FACE	SIGN			
1		Portable Traffic Signal	24' Min.	-	-	2-Type F	-	See Notes 1, 2, and 3	STA 4213+97 131.6' Rt
2		Portable Traffic Signal	32' Min.	-	-	3-Type F	-	See Notes 1, 2, and 3	STA 4214+24 127.1' Rt
3		Portable Traffic Signal	24' Min.	-	-	2-Type F	-	See Notes 1, 2, and 3	STA 4215+76 103.3' Rt
4		Portable Traffic Signal	24' Min.	-	-	2-Type F	-	See Notes 1, 2, and 3	STA 4215+84 39.7' Lt
5		Portable Traffic Signal	32' Min.	-	-	3-Type F	-	See Notes 1, 2, and 3	STA 4216+66 72.1' Lt
6		Portable Traffic Signal	24' Min.	-	-	2-Type F	-	See Notes 1, 2, and 3	STA 4217+10 77.1' Lt

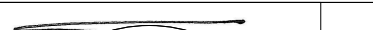
1. All equipment stations and offsets are based on the proposed SR69 centerline.
The portable signals shall be adjusted as directed by the Engineer.
2. All traffic signal heads and wires shall provide a minimum of 17' of clearance over all pavement.
3. Contractor shall install temporary video detection equipment.

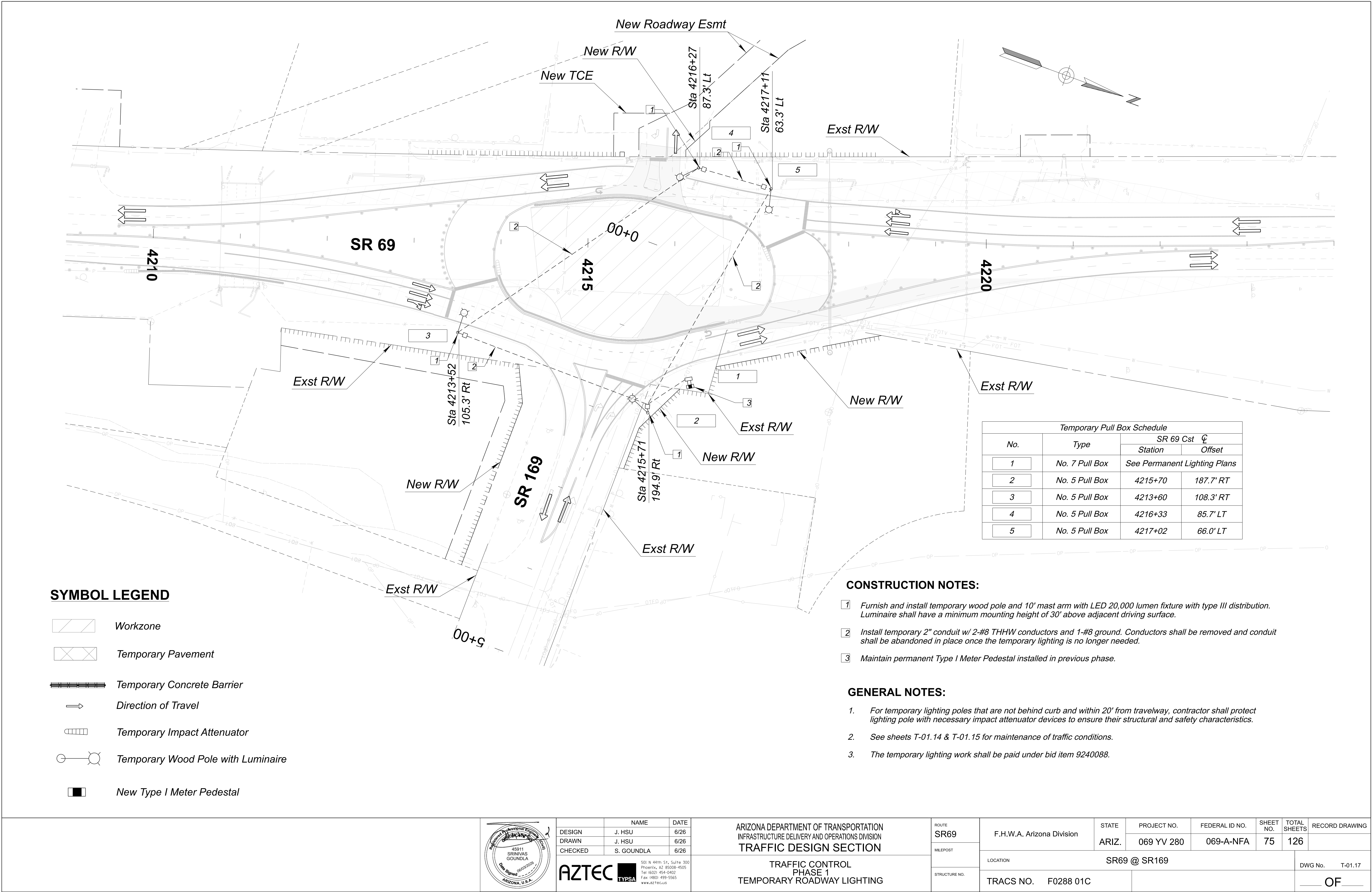
[illegible]

T TRENCH CONDUIT
B DIRECTIONAL BORE CONDUIT
□ VIDEO DETECTION CABLE, PER MANUFACTURER
* THE IMSA 20-CONDUCTOR CABLE SHALL BE #14 AWG IMSA 19-1. THE IMSA 4-CONDUCTOR AND 7-CONDUCTOR CABLE SHALL BE #14 AWG IMSA 19-1.
◇ CONDUCTORS BY UTILITY COMPANY. CONDUIT BY CONTRACTOR. CONDUIT PER UTILITY COMPANY REQUIREMENTS.

	BARRIER 1		BARRIER 2	
RING 1	Ø1	Ø2	OLA Ø2+Ø5	OLB Ø3+Ø7
RING 2	Ø7	Ø6		

1. The contractor shall initially program the controller for the provided signal phasing sequence.
The contractor shall provide IMSA certified signal technician to develop, implement, monitor and finetune the signal timings during construction.
2. The contractor shall provide minimum cycle length of 100 seconds with below minimum clearance timings:
Yellow Clearance for each approach = 4.0 seconds
All Red Clearance for each approach = 6.0 seconds
3. The contractor shall submit the signal timing data sheets for the Engineer's approval one week prior to implementation.
4. The contractor shall coordinate with Chris Summers (928-642-2195) with TSMO division for implementation of signal timings.
5. The signal timing work is paid as part of the Bid Item 9240086.

		NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION		ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	J. HSU	6/26			MILEPOST	SR69	ARIZ.	069 YV 280	069-A-NFA	74	126	
	DRAWN	J. HSU	6/26			STRUCTURE NO.							
	CHECKED	S. GOUNDLA	6/26			LOCATION SR69 @ SR169							
	 501 N 44th St., Suite 300 Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (480) 499-5545 www.aztecus.com				TRAFFIC CONTROL PHASE 1		DWG No. T-01.16A						
					TEMPORARY TRAFFIC SIGNAL SCHEDULE (SHEET 2 OF 2)		____ OF ____						
						TRACS NO. F0288 01C							



SYMBOL LEGEND

- Workzone
- Temporary Pavement
- Temporary Concrete Barrier
- Direction of Travel
- Temporary Impact Attenuator
- Temporary Wood Pole with Luminaire
- New Type I Meter Pedestal

Temporary Pull Box Schedule			
No.	Type	SR 69 Cst C	
		Station	Offset
1	No. 7 Pull Box	See Permanent Lighting Plans	
2	No. 5 Pull Box	4215+70	187.7' RT
3	No. 5 Pull Box	4213+60	108.3' RT
4	No. 5 Pull Box	4216+33	85.7' LT
5	No. 5 Pull Box	4217+02	66.0' LT

CONSTRUCTION NOTES:

- 1 Furnish and install temporary wood pole and 10' mast arm with LED 20,000 lumen fixture with type III distribution. Luminaire shall have a minimum mounting height of 30' above adjacent driving surface.
- 2 Install temporary 2" conduit w/ 2-#8 THHW conductors and 1-#8 ground. Conductors shall be removed and conduit shall be abandoned in place once the temporary lighting is no longer needed.
- 3 Maintain permanent Type I Meter Pedestal installed in previous phase.

GENERAL NOTES:

1. For temporary lighting poles that are not behind curb and within 20' from travelway, contractor shall protect lighting pole with necessary impact attenuator devices to ensure their structural and safety characteristics.
2. See sheets T-01.14 & T-01.15 for maintenance of traffic conditions.
3. The temporary lighting work shall be paid under bid item 9240088.

	DESIGN	J. HSU	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE	SR69	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	069 YV 280	FEDERAL ID NO.	069-A-NFA	SHEET NO.	75	TOTAL SHEETS	126	RECORD DRAWING	
	DRAWN	J. HSU	6/26		MILEPOST			LOCATION	SR69 @ SR169							DWG No.	T-01.17		
	CHECKED	S. GOUNDLA	6/26		STRUCTURE NO.			TRACS NO.	F0288 01C							OF			

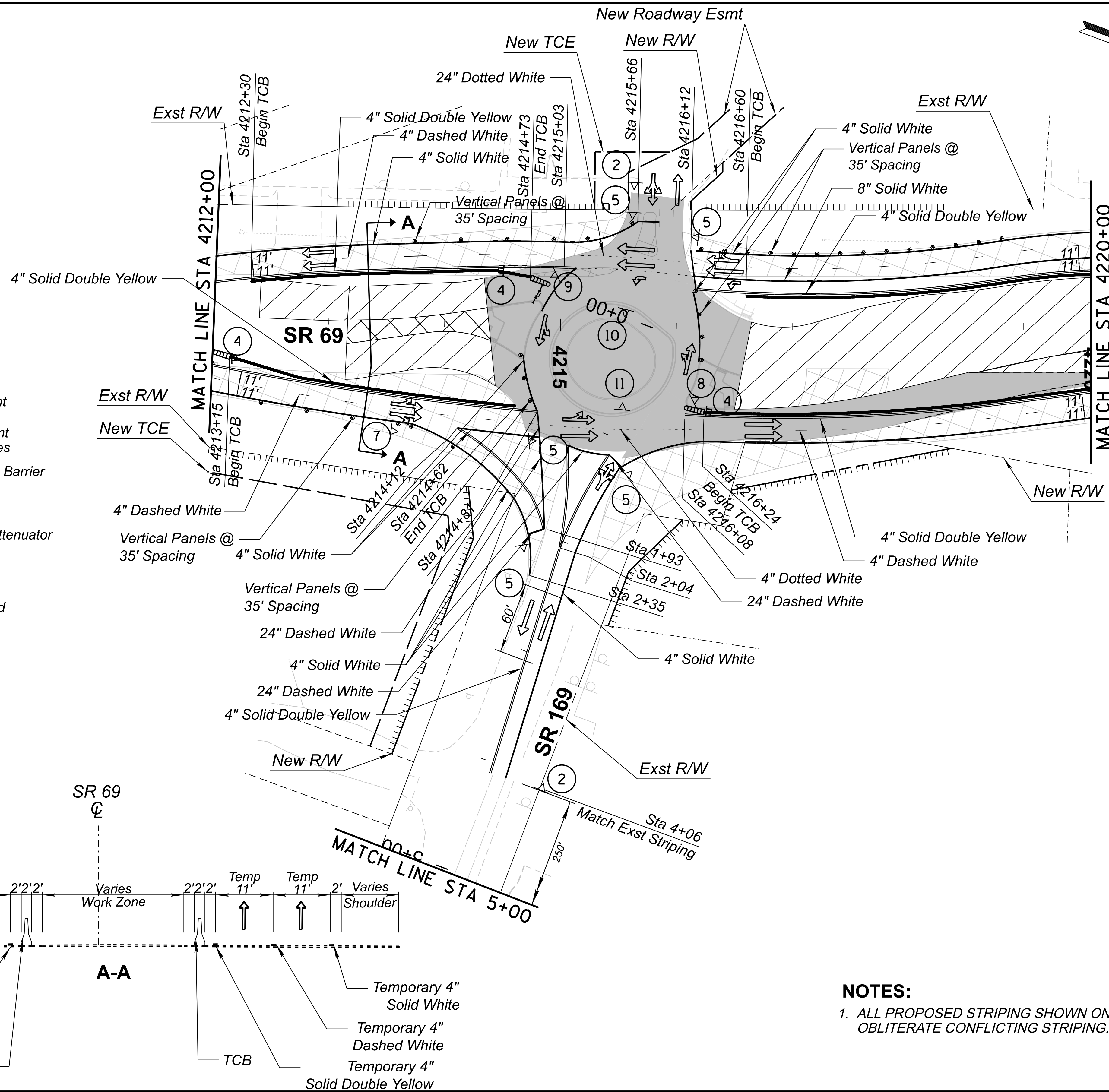
TRAFFIC CONTROL
PHASE 1
TEMPORARY ROADWAY LIGHTING

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Tel: (602) 454-0402
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SYMBOL LEGEND

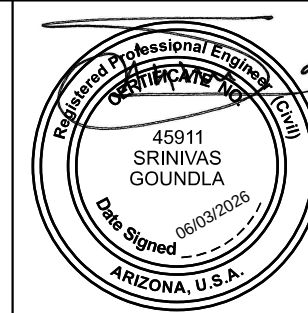
- Workzone
- Temporary Pavement
- Permanent Pavement Built in Earlier Phases
- Temporary Concrete Barrier
- Direction of Travel
- Temporary Impact Attenuator
- Vertical Panels
- Sign on Spring Stand
- Sign on Rigid Stand
- Type III Barricade



- | | | |
|--|--|--|
| | | |
| | | |
| | | |

NOTES:

- ALL PROPOSED STRIPING SHOWN ON THE SHEET IS TEMPORARY STRIPING. OBLITERATE CONFLICTING STRIPING.



DESIGN	NAME	DATE
DRAWN	J. HSU	6/26
CHECKED	S. GOUNDLA	6/26

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION

ROUTE
SR69

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

LOCATION

TRACS NO. F0288 01C

STATE
ARIZ.

PROJECT NO.
069 YV 280

FEDERAL ID NO.
069-A-NFA

SHEET NO.
76

TOTAL SHEETS
126

RECORD DRAWING

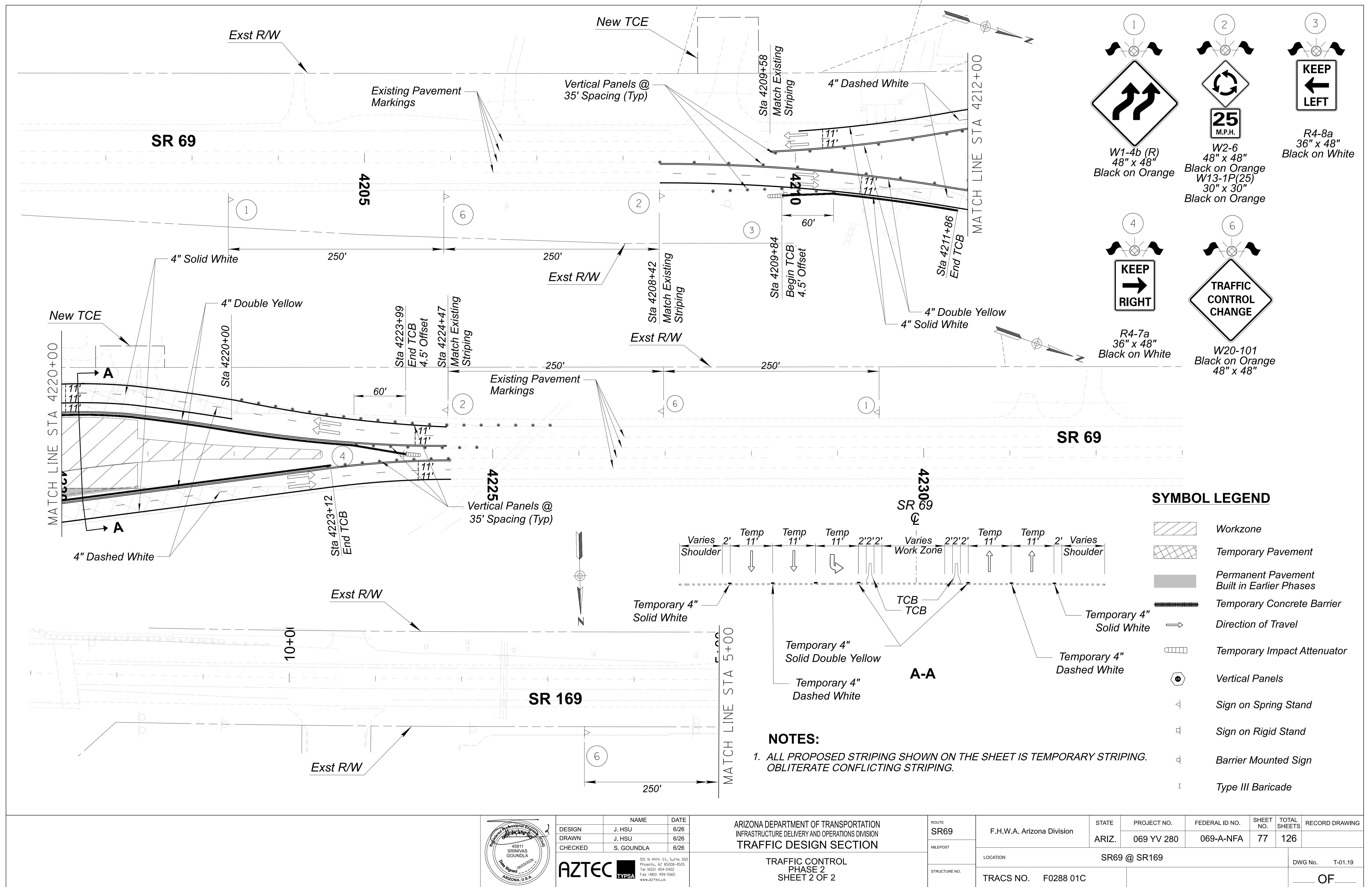
SR69 @ SR169

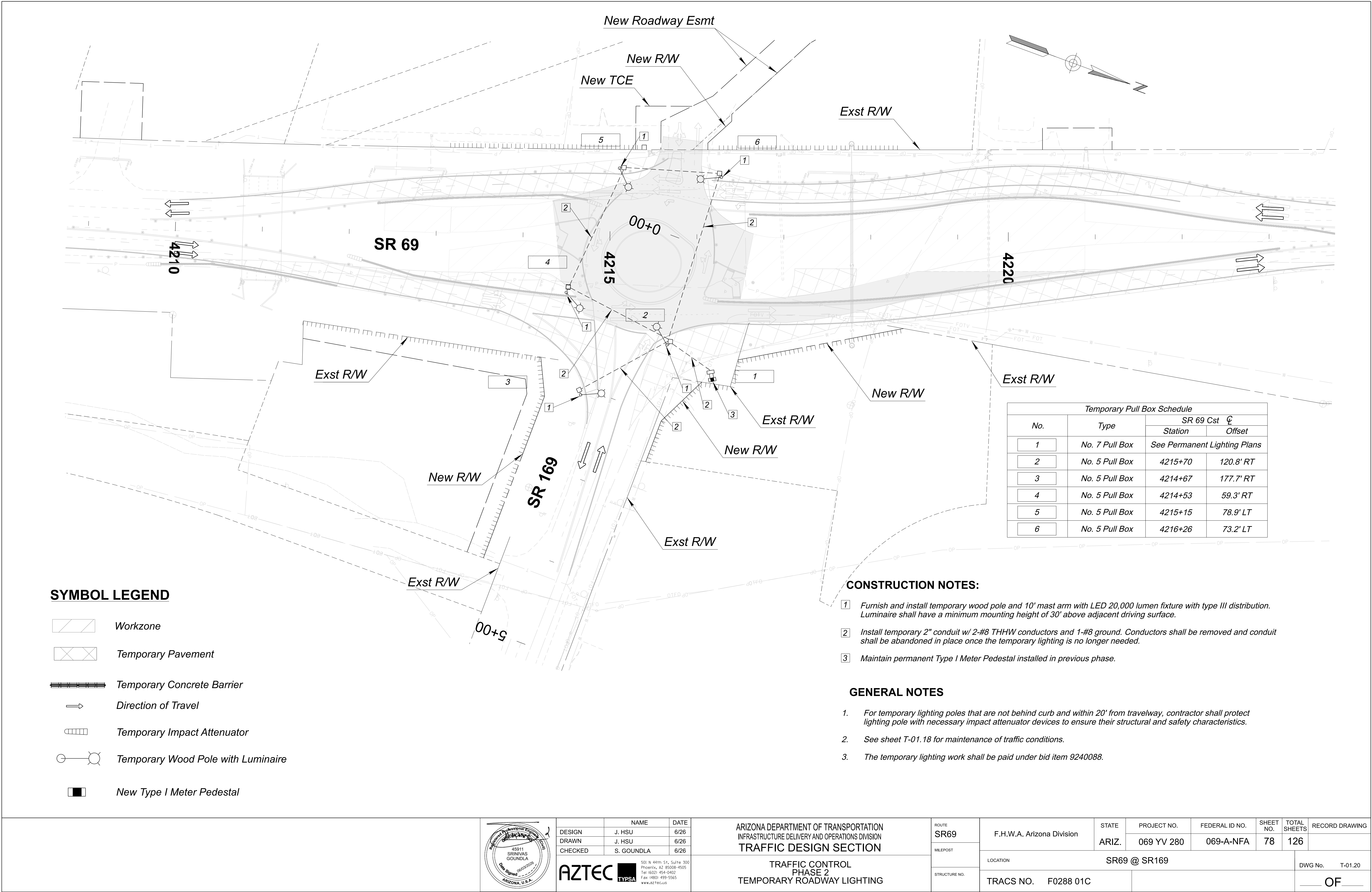
DWG No. T-01.18

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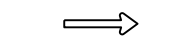
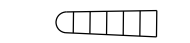
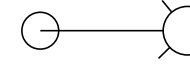
TRAFFIC CONTROL
PHASE 2
SHEET 1 OF 2





Temporary Pull Box Schedule			
No.	Type	SR 69 Cst ϕ	
		Station	Offset
1	No. 7 Pull Box	See Permanent Lighting Plans	
2	No. 5 Pull Box	4215+70	120.8' RT
3	No. 5 Pull Box	4214+67	177.7' RT
4	No. 5 Pull Box	4214+53	59.3' RT
5	No. 5 Pull Box	4215+15	78.9' LT
6	No. 5 Pull Box	4216+26	73.2' LT

SYMBOL LEGEND

-  Workzone
-  Temporary Pavement
-  Temporary Concrete Barrier
-  Direction of Travel
-  Temporary Impact Attenuator
-  Temporary Wood Pole with Luminaire
-  New Type I Meter Pedestal

CONSTRUCTION NOTES:

- 1 Furnish and install temporary wood pole and 10' mast arm with LED 20,000 lumen fixture with type III distribution. Luminaire shall have a minimum mounting height of 30' above adjacent driving surface.
- 2 Install temporary 2" conduit w/ 2-#8 THHW conductors and 1-#8 ground. Conductors shall be removed and conduit shall be abandoned in place once the temporary lighting is no longer needed.
- 3 Maintain permanent Type I Meter Pedestal installed in previous phase.

GENERAL NOTES

1. For temporary lighting poles that are not behind curb and within 20' from travelway, contractor shall protect lighting pole with necessary impact attenuator devices to ensure their structural and safety characteristics.
2. See sheet T-01.18 for maintenance of traffic conditions.
3. The temporary lighting work shall be paid under bid item 9240088.



	NAME	DATE
DESIGN	J. HSU	6/26
DRAWN	J. HSU	6/26
CHECKED	S. GOUNDLA	6/26

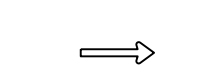
 501 N 44th St, Suite 300
Phoenix, AZ 85008-4505
Tel: (602) 454-0402
Fax: (602) 459-5565
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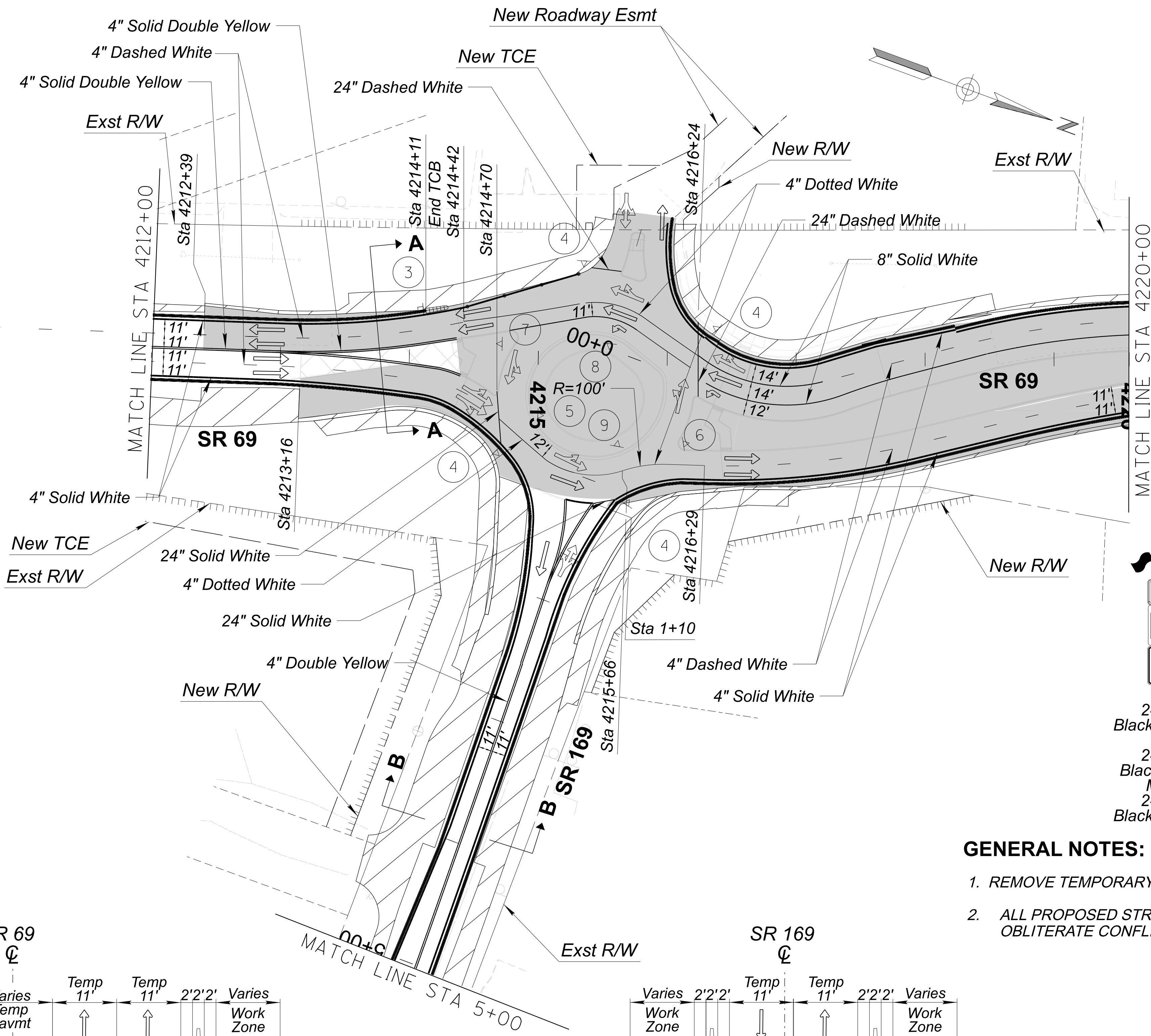
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION

TRAFFIC CONTROL
PHASE 2
TEMPORARY ROADWAY LIGHTING

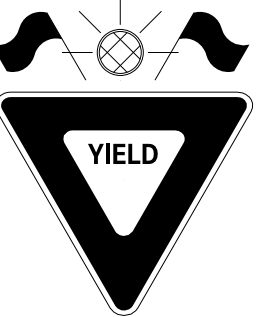
ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 78	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST	LOCATION SR69 @ SR169					DWG No. T-01.20	
STRUCTURE NO.	TRACS NO. F0288 01C					OF	

SYMBOL LEGEND

-  Workzone
-  Temporary Pavement
-  Permanent Pavement
Built in Earlier Phases
-  Temporary Concrete Barrier
-  Direction of Travel
-  Temporary Impact Attenuator
-  Vertical Panels
-  Sign on Spring Stand
-  Sign on Rigid Stand
-  Type III Baricade

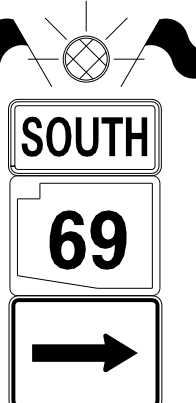


- 3

R4-8a
36" x 48"
Black on White
- 4

R1-2
36" x 36" x 36"
Red On White
- 5

M3-1
24" x 12"
Black on Orange
M1-5b
30" x 24"
Black on White
M6-1(R)
24" x 18"
Black on Orange
- 6

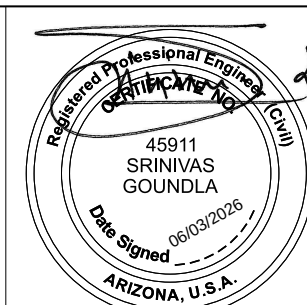
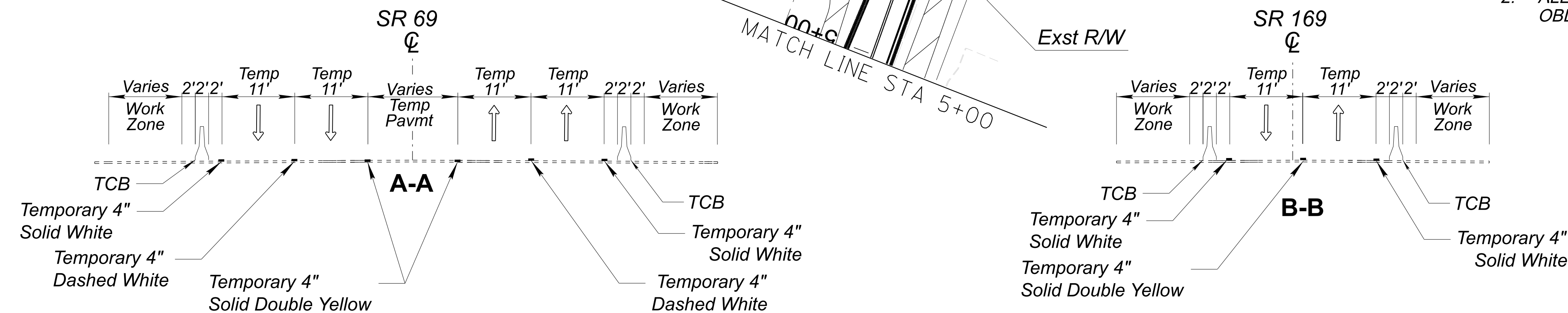
M3-3
24" x 12"
Black on Orange
M1-5b
24" x 24"
Black on White
M6-1(L)
24" x 18"
Black on Orange
- 7

M3-1
24" x 12"
Black on Orange
M1-5b
30" x 24"
Black on White
M6-1(L)
24" x 18"
Black on Orange
- 8

M3-3
24" x 12"
Black on Orange
M1-5a
24" x 24"
Black on White
M6-1(R)
24" x 18"
Black on Orange
- 9

M3-1
24" x 12"
Black on Orange
M1-5a
24" x 24"
Black on White
M6-1(R)
24" x 18"
Black on Orange

GENERAL NOTES:

1. REMOVE TEMPORARY PAVEMENT NOT IN USE PRIOR TO CONSTRUCTION OF THIS PHASE.
2. ALL PROPOSED STRIPING SHOWN ON THE SHEET IS TEMPORARY STRIPING. OBLITERATE CONFLICTING STRIPING.



	NAME	DATE
DESIGN	J. HSU	6/26
DRAWN	J. HSU	6/26
CHECKED	S. GOUNDLA	6/26

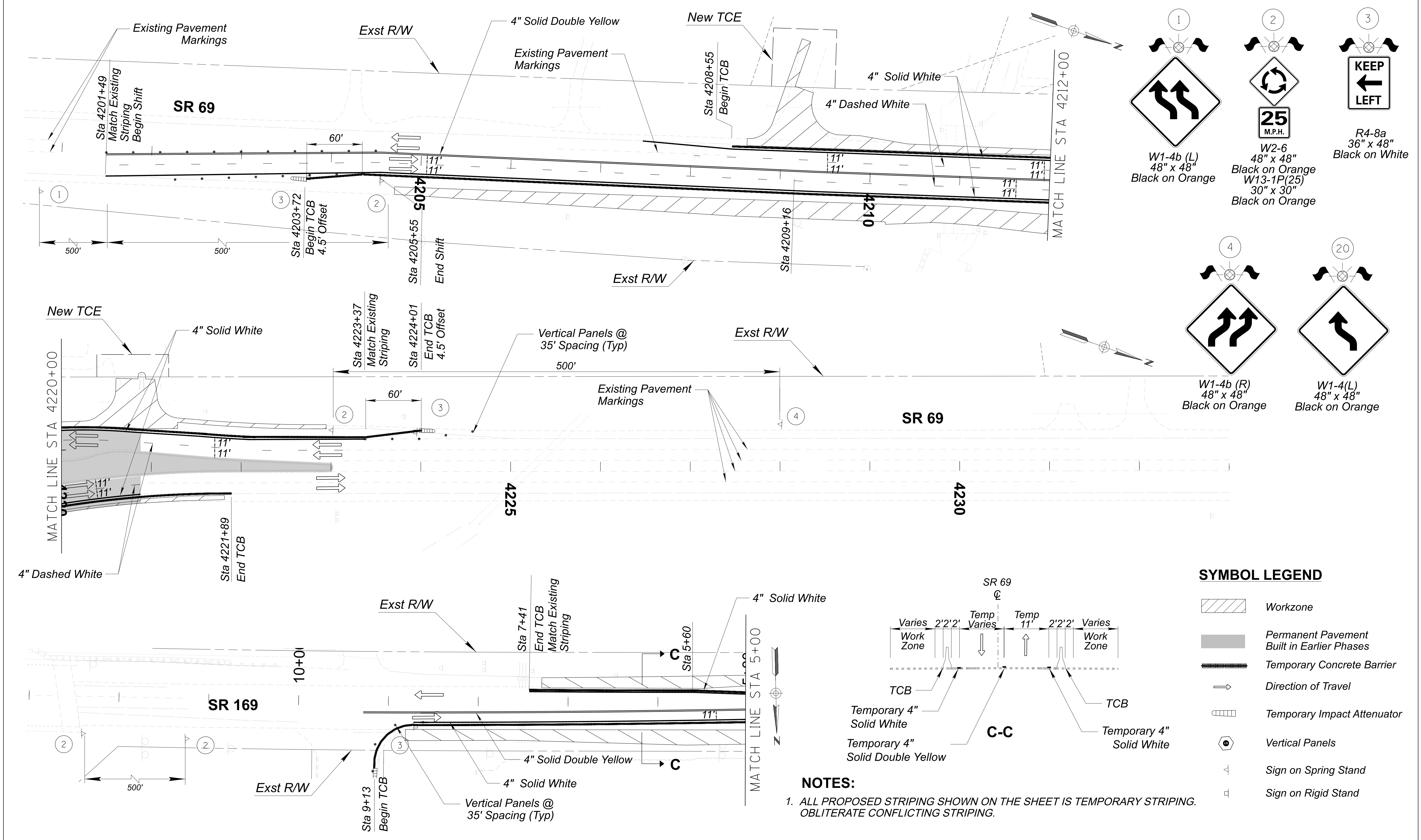
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION

TRAFFIC CONTROL
PHASE 3
SHEET 1 OF 2

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
SR69	ARIZ.	069 YV 280	069-A-NFA	79	126	
MILEPOST	SR69 @ SR169					DWG No. T-01.21
STRUCTURE NO.	TRACS NO. F0288 01C					OF



1

W1-4b (L)
48" x 48"
Black on Orange

2

W2-6
48" x 48"
Black on Orange
W13-1P(25)
30" x 30"
Black on Orange

3

R4-8a
36" x 48"
Black on White

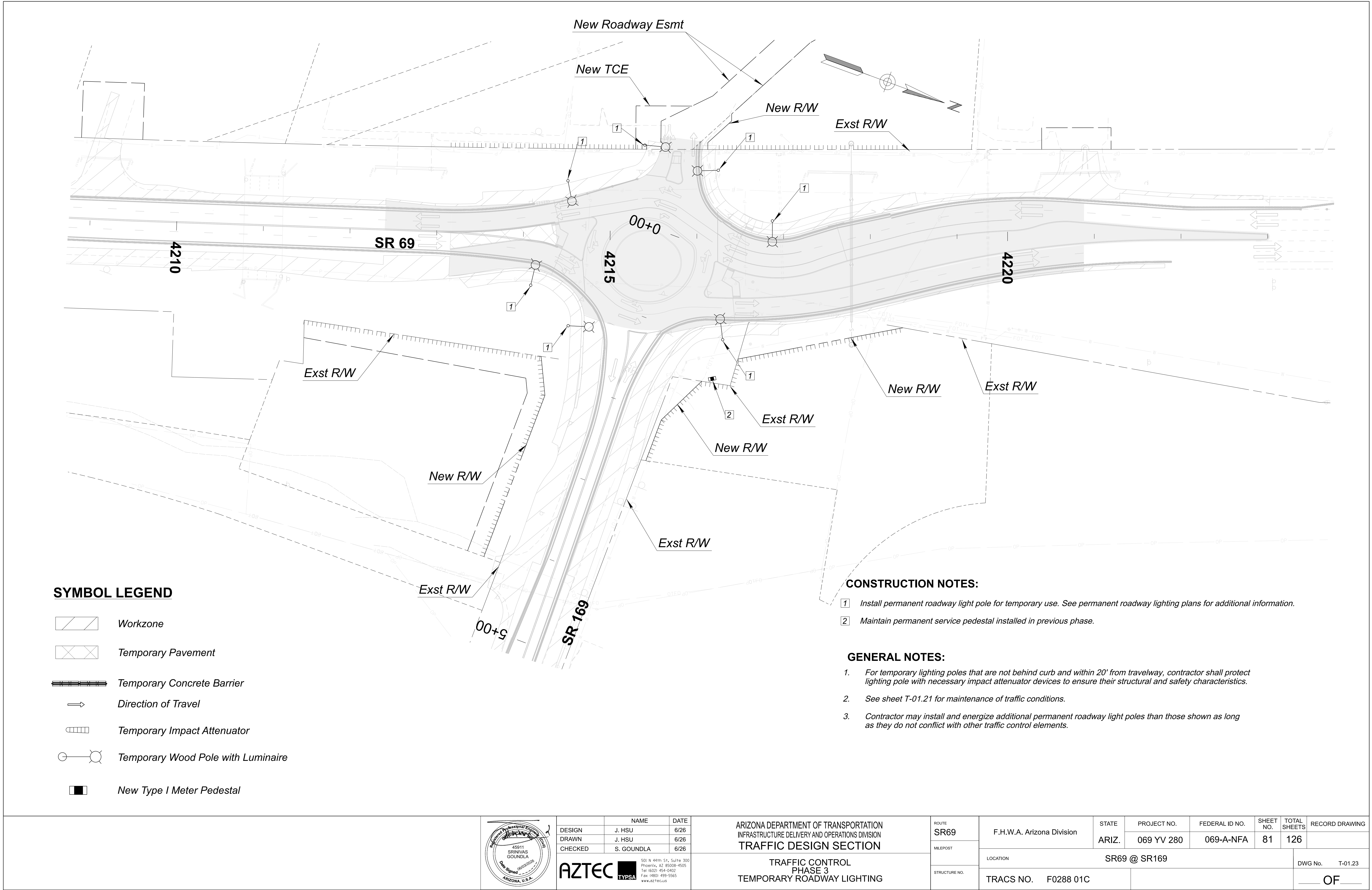
4

W1-4b (R)
48" x 48"
Black on Orange

20

W1-4(L)
48" x 48"
Black on Orange

	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION			ROUTE	SR69	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	069 YV 280	FEDERAL ID NO.	069-A-NFA	SHEET NO.	80	TOTAL SHEETS	126	RECORD DRAWING		
	DESIGN	J. HSU	6/26	MILEPOST			LOCATION	SR69 @ SR169										DWG No.	T-01.22
	DRAWN	J. HSU	6/26	STRUCTURE NO.			TRACS NO.	F0288 01C	OF										
CHECKED			S. GOUNDLA	6/26	TRAFFIC CONTROL PHASE 3 SHEET 2 OF 2														
			501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (480) 499-5565 www.aztecus.com																



SYMBOL LEGEND

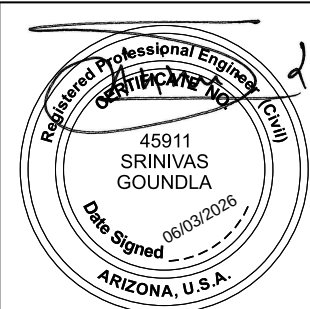
- Workzone
- Temporary Pavement
- Temporary Concrete Barrier
- Direction of Travel
- Temporary Impact Attenuator
- Temporary Wood Pole with Luminaire
- New Type I Meter Pedestal

CONSTRUCTION NOTES:

- 1. Install permanent roadway light pole for temporary use. See permanent roadway lighting plans for additional information.
- 2. Maintain permanent service pedestal installed in previous phase.

GENERAL NOTES:

- 1. For temporary lighting poles that are not behind curb and within 20' from travelway, contractor shall protect lighting pole with necessary impact attenuator devices to ensure their structural and safety characteristics.
- 2. See sheet T-01.21 for maintenance of traffic conditions.
- 3. Contractor may install and energize additional permanent roadway light poles than those shown as long as they do not conflict with other traffic control elements.



	NAME	DATE
DESIGN	J. HSU	6/26
DRAWN	J. HSU	6/26
CHECKED	S. GOUNDLA	6/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION

TRAFFIC CONTROL
PHASE 3
TEMPORARY ROADWAY LIGHTING

ROUTE
SR69

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

LOCATION

TRACS NO. F0288 01C

STATE
ARIZ.

PROJECT NO.
069 YV 280

FEDERAL ID NO.
069-A-NFA

SHEET
NO.
81

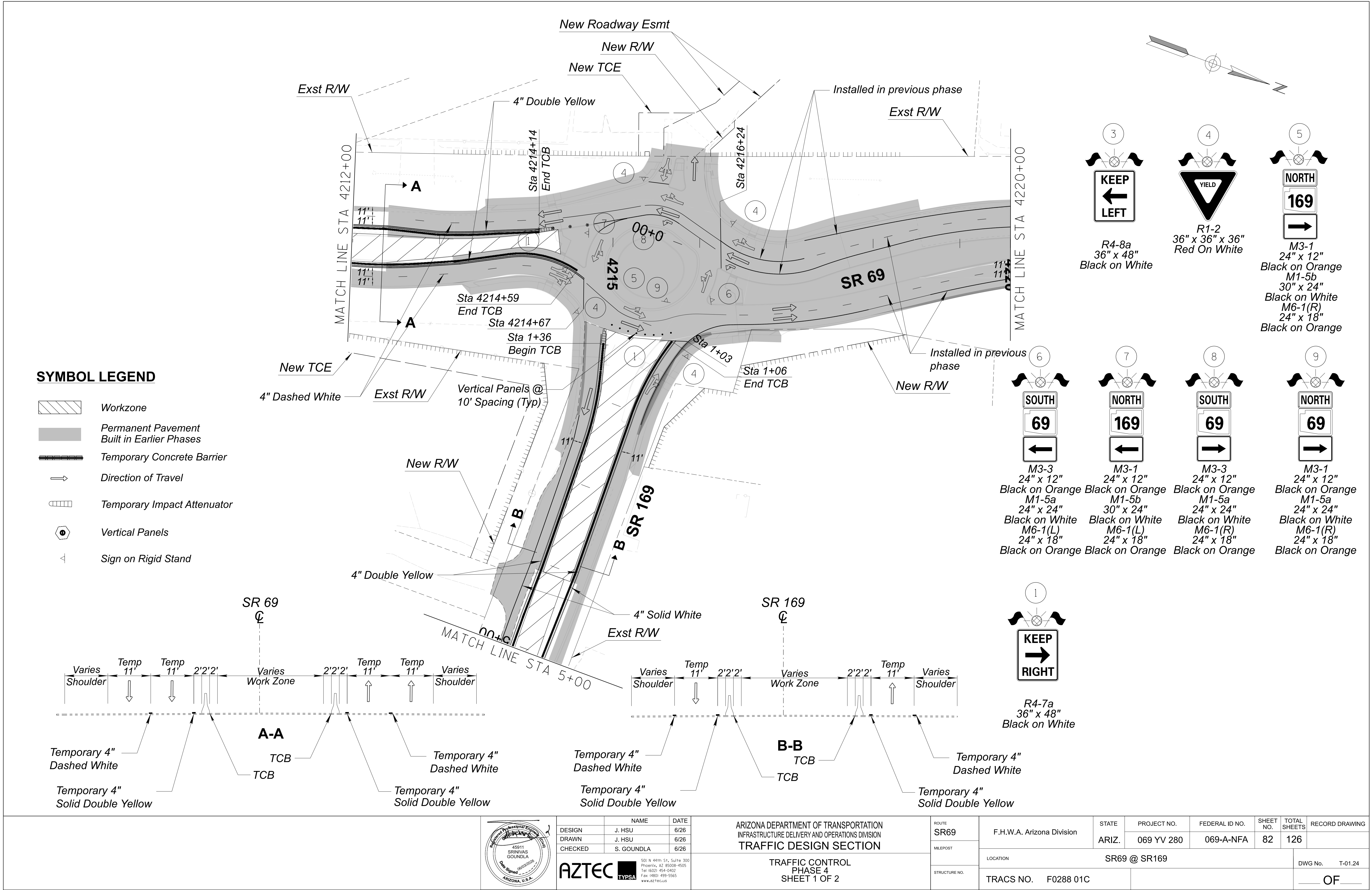
TOTAL
SHEETS
126

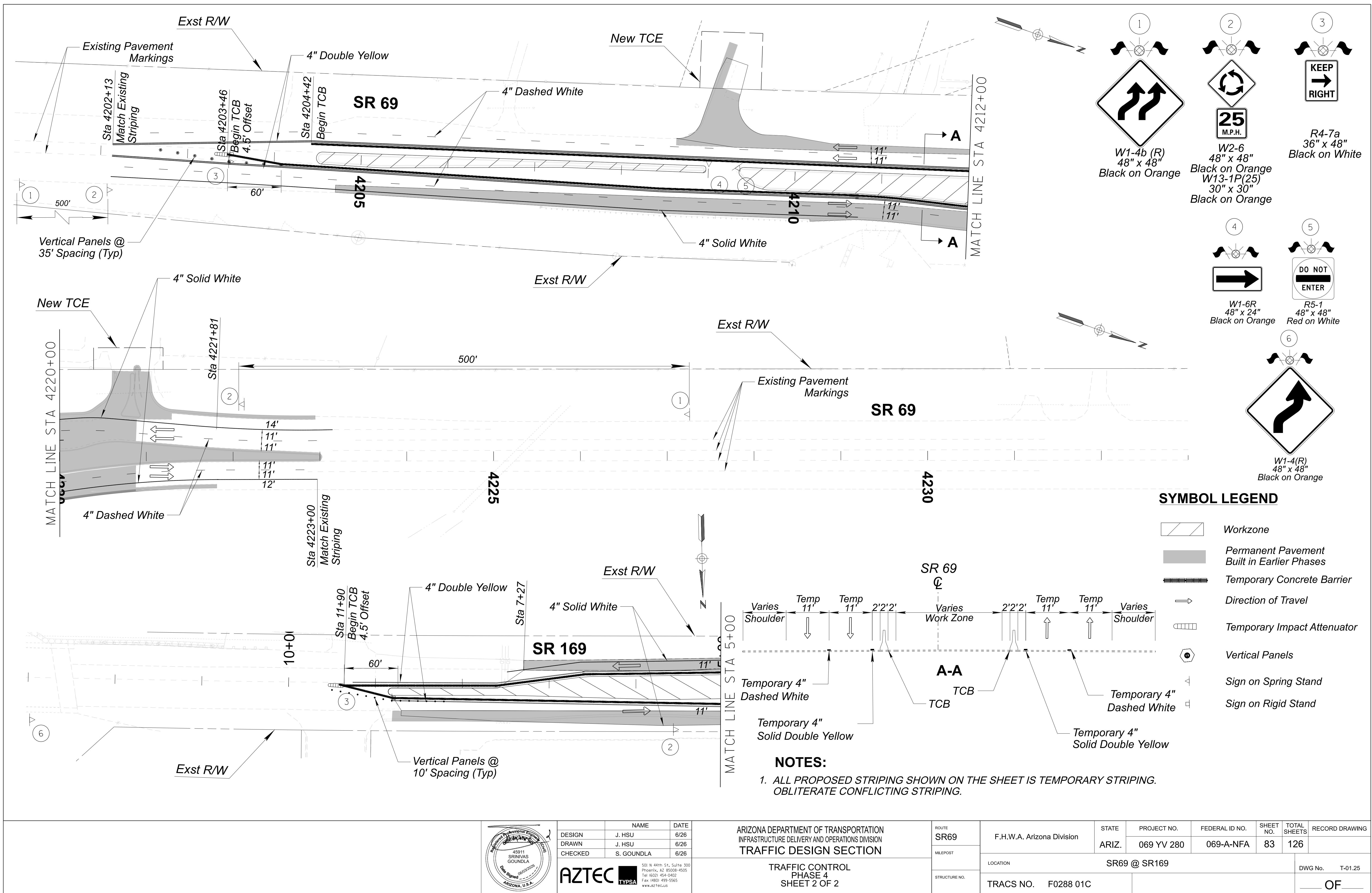
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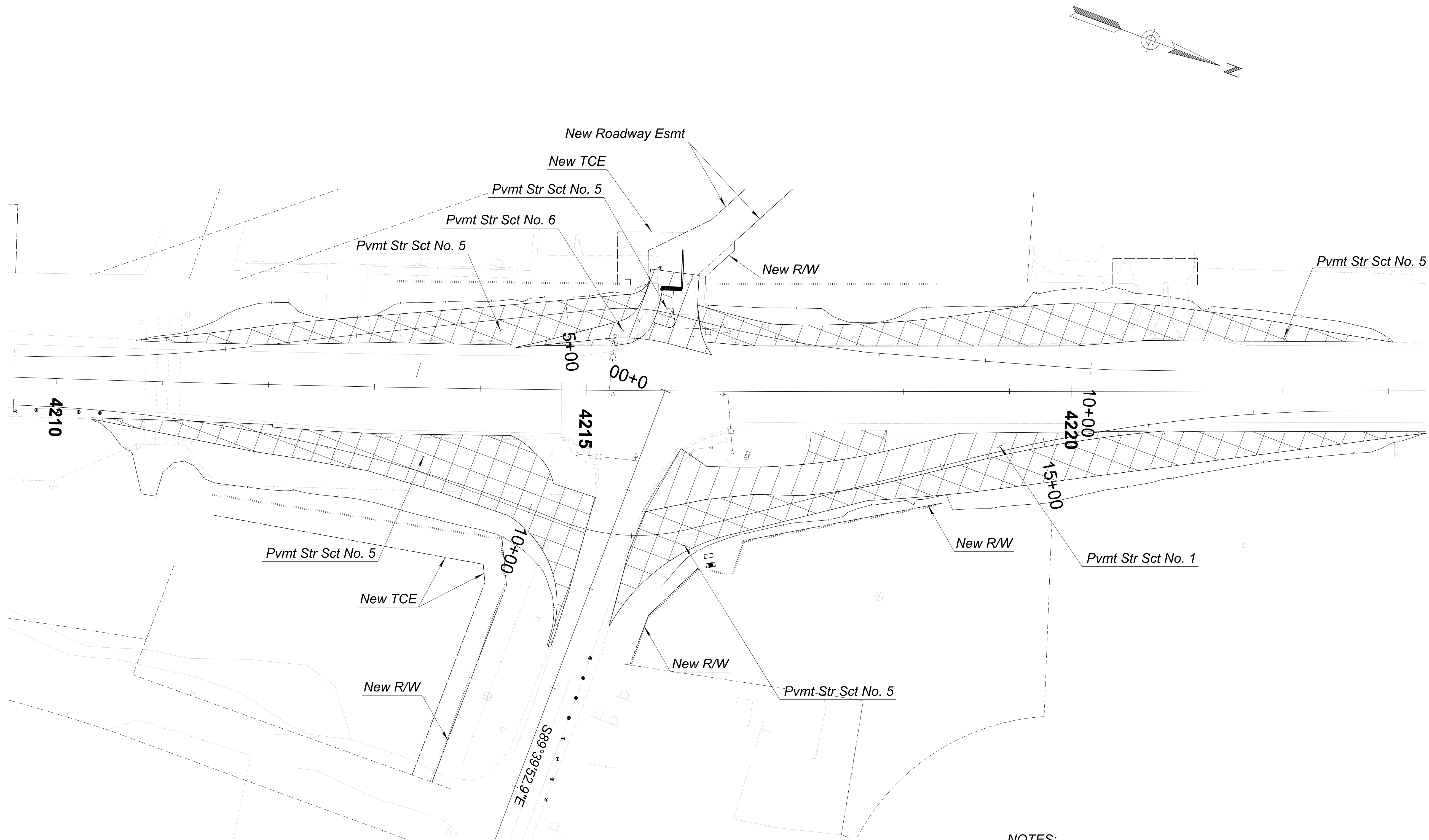
SR69 @ SR169

DWG No. T-01.23

OF







LEGEND

-  Pvmt Str Sct No. 1
-  Pvmt Str Sct No. 5

- NOTES:
1. See Sheet T-01.28 - T-01.30 for Staking Plan
 2. See Sheet T-01.10 - T-01.11 for Traffic Control Plan

	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	F. MEDRANO		6/26		SR69			069 YV 280	069-A-NFA	84	126	
	DRAWN		CADD		6/26	MILEPOST	LOCATION SR 69 @ SR 169					
	CHECKED		E. WATKINS		6/26							
	 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (602) 459-5555 www.aztecus.com		TEMPORARY PAVEMENT PLAN PHASE 0 SHEET 1 OF 1		DWG No. T-01.27							
OF												

101

PI 1+12.69
Δ 08°31'49.0" LT
D 03°47'30.9"
T 112.69ft
L 224.96ft
R 1511.00ft
Ext 4.18'

102

PI 3+79.44
Δ 00°50'01.6" RT
D 00°16'11.5"
T 154.48ft
L 308.95ft
R 21230.74ft
Ext 0.56'

103

PI 5+71.11
Δ 21°04'28.8" RT
D 28°38'52.6"
T 37.20ft
L 73.56ft
R 200.00ft
Ext 3.37'

104

PI 6+74.54
Δ 06°28'42.5" LT
D 04°50'05.7"
T 67.07ft
L 133.99ft
R 1185.05ft
Ext 1.89'

105

PI 5+91.94
Δ 06°57'51.1" RT
D 03°47'30.9"
T 91.94ft
L 183.66ft
R 1511.00ft
Ext 2.79'

106

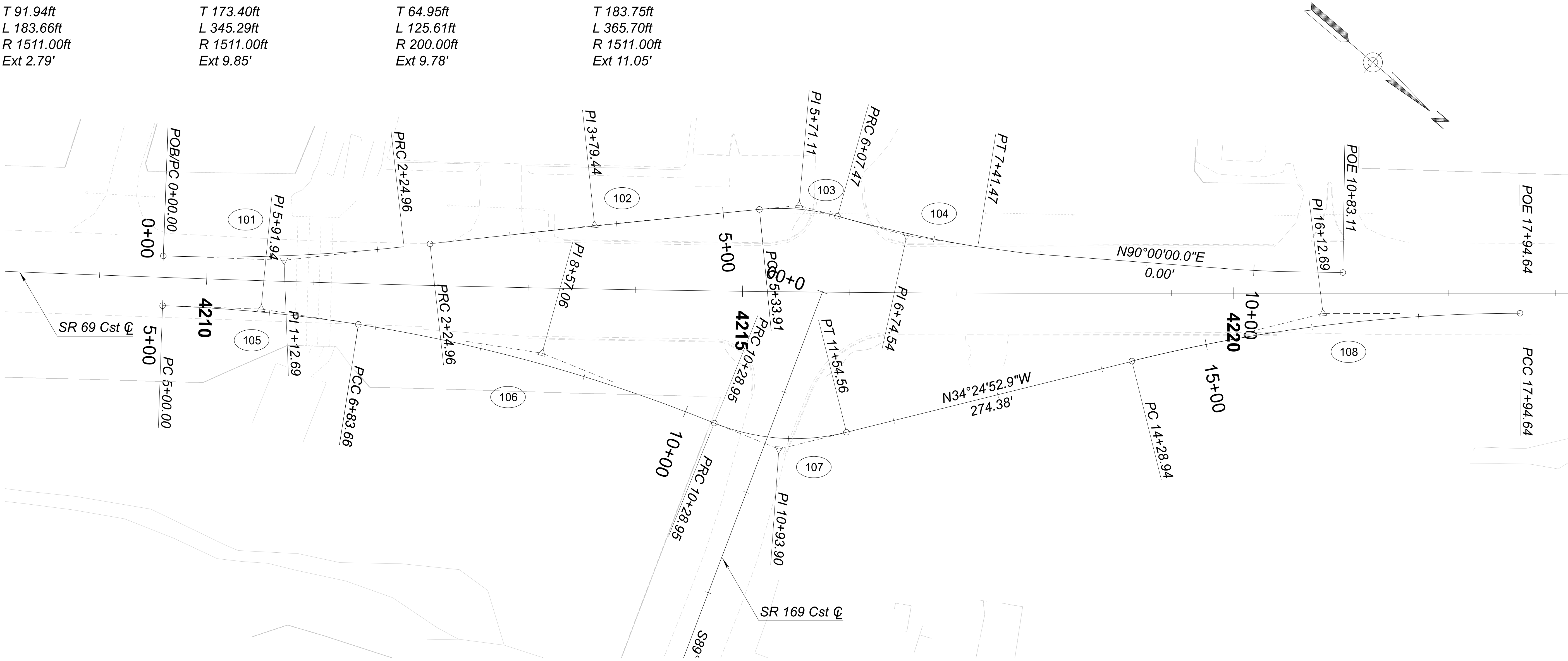
PI 8+57.06
Δ 13°05'35.5" RT
D 03°47'30.9"
T 173.40ft
L 345.29ft
R 1511.00ft
Ext 9.85'

107

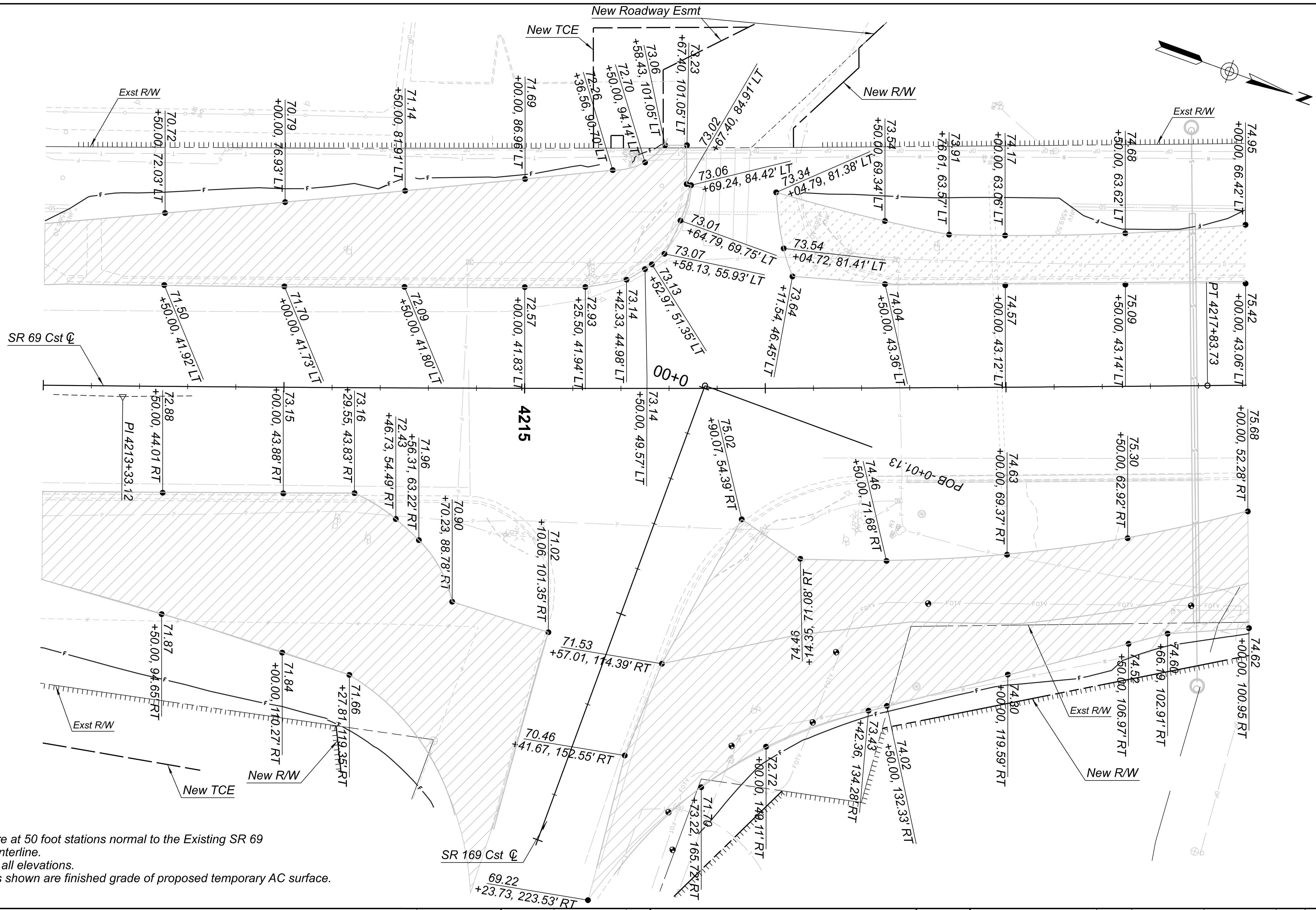
PI 10+93.90
Δ 35°59'00.6" LT
D 28°38'52.6"
T 64.95ft
L 125.61ft
R 200.00ft
Ext 9.78'

108

PI 16+12.69
Δ 13°52'01.7" RT
D 03°47'30.9"
T 183.75ft
L 365.70ft
R 1511.00ft
Ext 11.05'



	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION GEOMETRIC CONTROL SHEET TEMP PAVEMENT	ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 85	TOTAL SHEETS 126	RECORD DRAWING		
	DESIGN	F. MEDRANO	6/26											
	DRAWN	CADD	6/26											
	CHECKED	E. WATKINS	6/26											
	 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (480) 499-5565 www.aztecus.com													
					MILEPOST	SR 69 @ SR 169							DWG No.	T-01.26
					STRUCTURE NO.	TRACS NO. F0288 01C							____ OF ____	



- NOTES:
1. Elevations are at 50 foot stations normal to the Existing SR 69 construction centerline.
 2. Add 4500' to all elevations.
 3. All elevations shown are finished grade of proposed temporary AC surface.



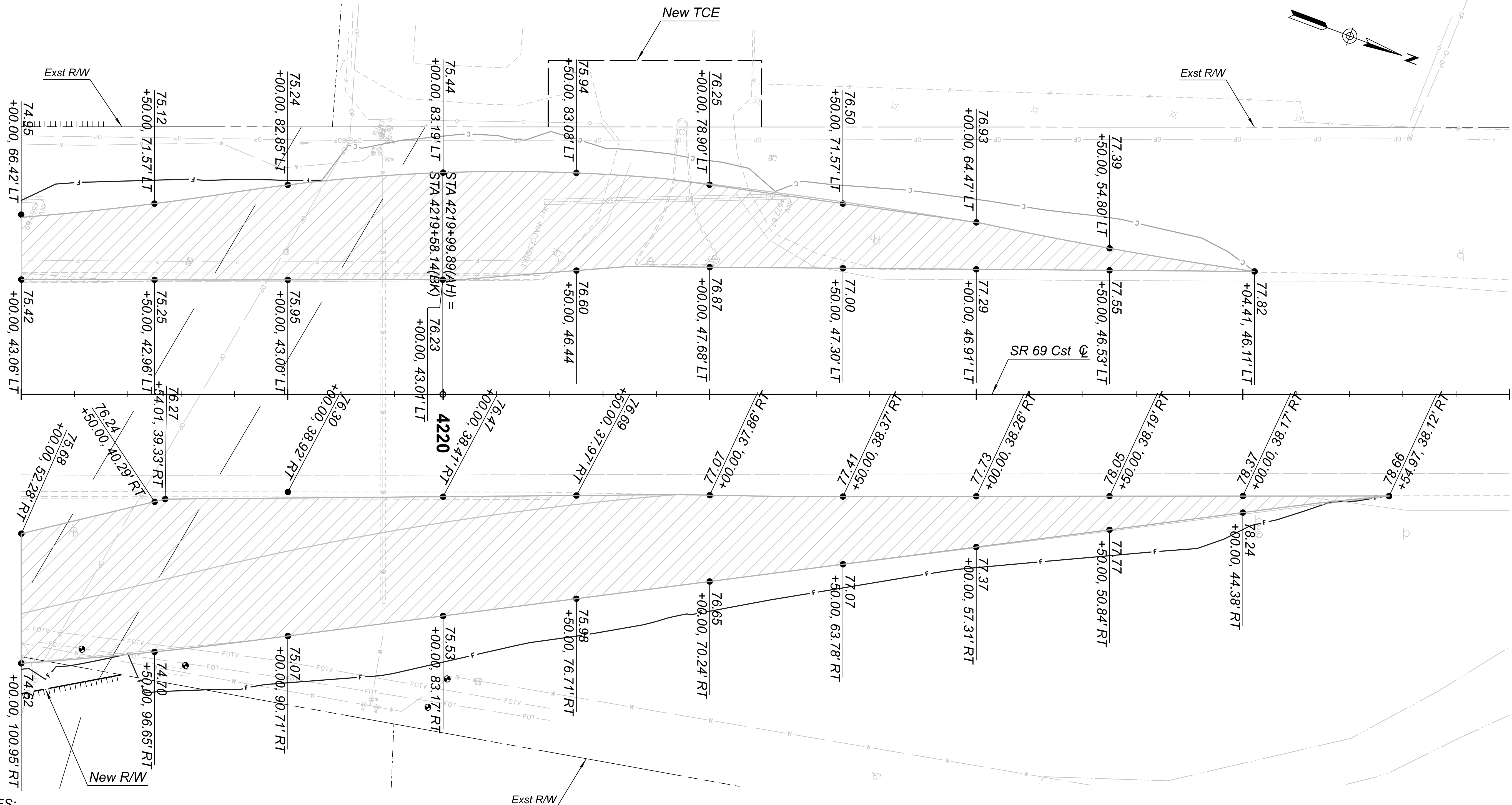
DESIGN	NAME	DATE
	F. MEDRANO	6/26
DRAWN	CADD	6/26
CHECKED	E. WATKINS	6/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION
TEMPORARY PAVEMENT STAKING PLAN PHASE 0
SR 69
STA 4213+00 TO 4218+00

ROUTE	SR69
MILEPOST	
STRUCTURE NO.	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	ARIZ.	069 YV 280	069-A-NFA	87	126	
LOCATION						DWG No. T-01.29
SR 69 @ SR 169						
TRACS NO. F0288 01C						OF



- NOTES:
1. Elevations are at 50 foot stations normal to the Existing SR 69 construction centerline.
 2. Add 4500' to all elevations.
 3. All elevations shown are finished grade of proposed temporary AC surface.



DESIGN	F. MEDRANO	6/26
DRAWN	CADD	6/26
CHECKED	E. WATKINS	6/26

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Tel: (602) 454-0402
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

TEMPORARY PAVEMENT STAKING PLAN PHASE 0
SR 69
STA 4218+00 TO 4224+00

ROUTE	SR69	STATE	ARIZ.	PROJECT NO.	069 YV 280	FEDERAL ID NO.	069-A-NFA	SHEET NO.	88	TOTAL SHEETS	126	RECORD DRAWING	
MILEPOST		LOCATION	SR 69 @ SR 169									DWG No.	T-01.30
STRUCTURE NO.		TRACS NO.	F0288 01C									OF	

SIGNING GENERAL NOTES

1.

All signs shall be in compliance with the Manual on Uniform Traffic Control Devices (MUTCD), 2009 edition, the Arizona Department of Transportaton (ADOT) supplement to the MUTCD, the ADOT Signing and Marking Standard Drawings, and the Traffic Engineering Manual of Approved Signs.
2.

The sign locations and the post lengths are approximate. The contractor shall verify the sign locations and actual post lengths with the Engineer prior to constructing the foundations for the sign supports.
3.

The bottom of each sign shall be at least 7 feet above the nearest edge of pavement and at least 7 feet above the ground under the sign, or as specified in the plans, or as directed by the Engineer.
4.

Offsets for all signs shall be measured from the edge of the roadway to the nearest edge of the sign.
5.

The retro-reflective sheeting on all new signs shall be Type XI per Section 380 of the ADOT Traffic Engineering Guidelines and Processes.
6.

Signing may be modified as directed by the Engineer.
7.

The contractor shall inventory all signs to be removed or covered, and note damaged signs to the Engineer at time of covering or removal at no cost to the Department. All signs damaged by covering, storage, removal, or reinstallation shall be replaced by the contractor at no cost to the Department.
8.

All bolts used to install signing shall have hex heads, and shall not be painted. All bolts shall be double nutted.
9.

The contractor shall use only cadmium plated steel washers, between each bolt head and the face of the sign panel. The washers shall not be painted.
10.

Shop drawings will be required to be submitted for approval prior to fabrication.
11.

Upon the installation of each finished sign, the contractor shall place information on the back of the sign as shown on the sign identification details in ADOT Std. Dwg. S-13.
12.

The contractor is responsible for identifying all underground utility locations where new sign foundations are installed. All new sign foundation locations shall be approved by the Engineer before sign installation.
13.

The contractor shall contact Kyle Seisigner, Northern Region Signing and Striping Superintendent, at 928-277-2926 or 928-713-1255, at least 7 days prior to permanent sign foundation installation for approval of the location and layout.
14.

The sign locations shall be adjusted per Blue Stake and as approved by the Engineer.

APPROXIMATE SIGNING QUANTITIES

BID ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
2020047	REMOVAL OF SIGNS	EACH	30
6070004	BREAKAWAY SIGN POST W6x12	L.FT.	183
6070024	FOUNDATION FOR BREAKAWAY SIGN POST W6x12	EACH	12
6070038	SLIP BASE	EACH	67
6070055	SIGN POST (PERFORATED) (2 1/2 S)	L.FT.	292
6070057	SIGN POST (PERFORATED) (2 1/2 T)	L.FT.	672
6070060	FOUNDATION FOR SIGN POST (CONCRETE)	EACH	75
6080005	REGULATORY, WARNING, OR MARKER SIGN PANEL	SQ.FT.	626
6080018	EXTRUDED ALUMINUM SIGN PANEL	SQ.FT.	279
6080025	FLAT SHEET ALUMINUM SIGN PANEL	SQ.FT.	26
6080120	SIGN (RELOCATE)	EACH	2
7030095	MILEPOST MARKER (S-10)	EACH	1

Panel Types:

RWM: Regulatory, Warning or Marker.
F-DA: Flat Sheet Aluminum
with Direct Applied or
Silk Screened Characters.
EXT: Aluminum Extrusion.



	NAME	DATE
DESIGN	N. PETROFF	6/26
DRAWN	L. BANZON	6/26
CHECKED	S. GOUNDLA	6/26

AZTEC

TYPSA

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INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION

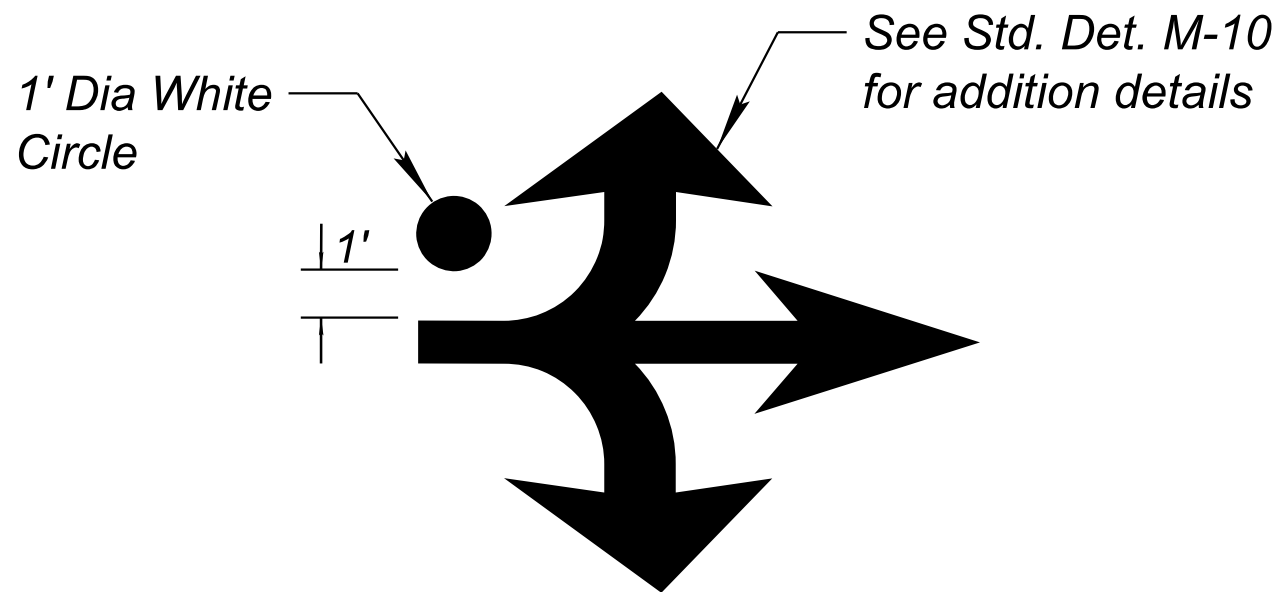
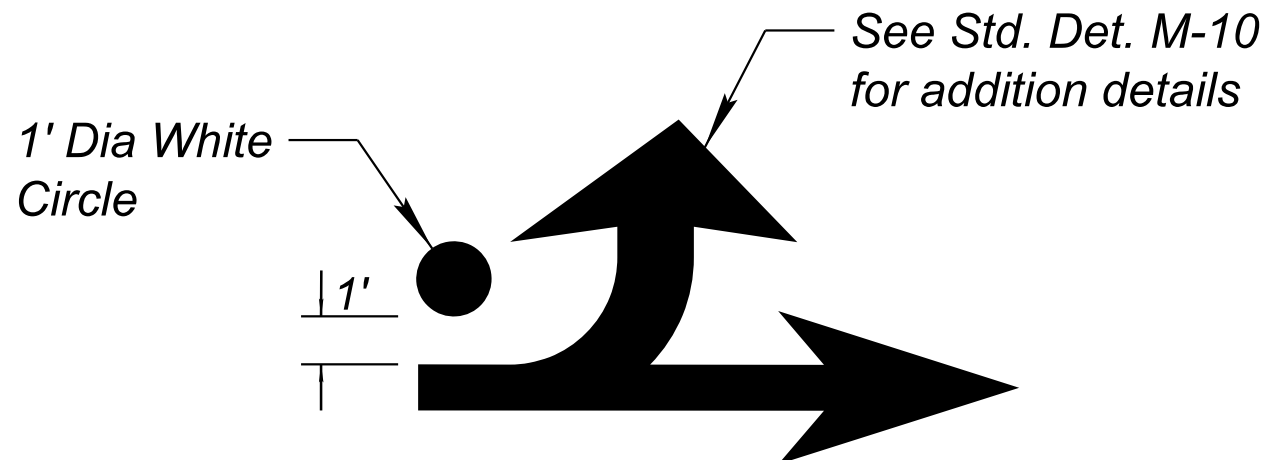
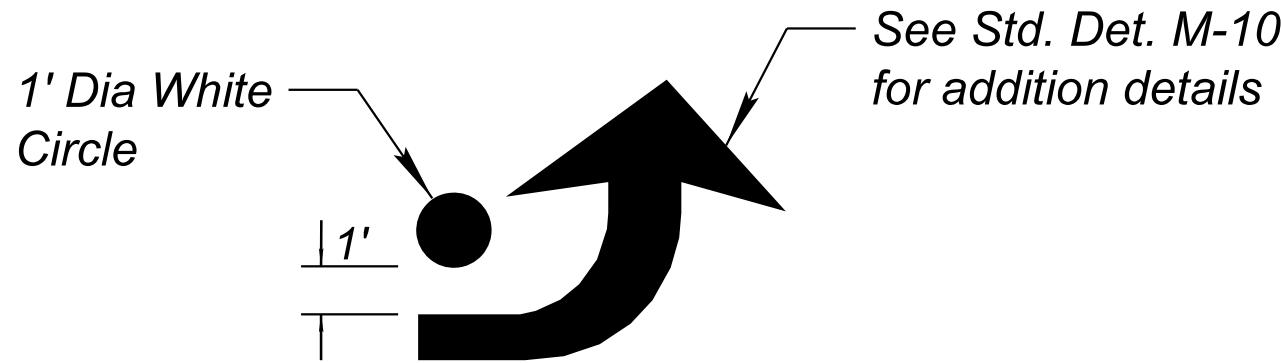
SIGNING
NOTES AND QUANTITIES

ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 89	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST	LOCATION SR 69 @ SR 169					DWG No. T-02.01	
STRUCTURE NO.	TRACS NO. F0288 01C					____ OF ____	

PAVEMENT MARKING GENERAL NOTES

1. All pavement marking shall conform to the latest edition of the Arizona Department of Transportation (ADOT) Standard Drawings and Specifications, ADOT Signing and Marking Standard Drawings and the Manual on Uniform Traffic Control Devices (MUTCD) 2009 Edition, and the ADOT supplement to the MUTCD, 2009 Edition.
2. The contractor shall contact the Engineer a minimum of 72 hours in advance of striping lay-out to coordinate traffic control activities.
3. The contractor shall lay-out all striping and markings for approval by the Engineer, a minimum of two (2) working days before installation.
4. Roadway striping shall not be done on weekends or holidays unless permission is granted in advance by the Engineer a minimum of two working days before installation.
5. All pavement striping dimensions are to face of curb and center of stripe, or to the center of double stripes.
6. It is the contractor's responsibility to insure that the final surface course is placed so that striping is offset 1 foot clear of the construction joint, unless otherwise directed by the Engineer.
7. The final permanent longitudinal pavement marking shall be installed per the requirements in Section 709 of the specifications.
8. The final striping shall be placed over the existing striping not earlier than 30 calendar days after the initial striping, as directed by the Engineer and per the specifications.
9. Final stop bars, crosswalks, yield lines, transverse markings and legends shall be white preformed tape per the requirements in Section 705 of the Specifications.
10. The contractor shall clean the roadway surface to the satisfaction of the Engineer by sweeping and air-jet blowing, immediately prior to the placement of all pavement markings, the roadway surface shall be dry and the air and pavement temperatures shall not be less than 40 degrees Fahrenheit and rising per section 709 of the Standard Specifications for the placement of final striping.
11. The pavement marking drawings are schematic only and not to scale. The contractor shall follow all dimensions and details when install pavement markings. All dimensions are feet otherwise noted on the plans or detailed drawings.
12. The Engineer may modify the pavement marking plans.
13. Median island plus 15' of curb on either side of the island shall be painted per Std. Dwg M-1. Delineators shall be installed per the plan requirements.
14. Arrows shall be installed per Std. Dwg. M-10, Only legends shall be installed per Std. Dwg. M-6.
15. The contractor shall contact Kyle Seisigner, Northern Region Signing and Striping Superintendent, at 928-277-2926 or 928-713-1255, at least 7 days prior to Final Pavement Marking operations for approval of the locations and layout.

PAVEMENT MARKING QUANTITIES			
ITEM NO	DESCRIPTION	UNITS	TOTAL
7030075	DELINEATOR (SINGLE WHITE OR SINGLE YELLOW)	EACH	11
7050060	PAVEMENT MARKING, PREFORMED, LEGEND, TYPE IV	EACH	16
7050067	PAVEMENT MARKING, PREFORMED, SYMBOL, TYPE IV	EACH	32
7050069	PAVEMENT MARKING, PREFORMED, TRANSVERSE, TYPE IV	L.FT.	2,672
7080201	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED) (WHITE)	L.FT.	14,737
7080202	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED) (YELLOW)	L.FT.	5,450
7080206	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED SYMBOL) (ARROW)	EACH	32
7080208	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED LEGEND) (ONLY)	EACH	16
7080301	PAINT BULL NOSE	EACH	10
7090001	DUAL COMPONENT PAVEMENT MARKING (WHITE EPOXY)	L.FT.	21,261
7090002	DUAL COMPONENT PAVEMENT MARKING (YELLOW EPOXY)	L.FT.	8,175



The single/ dual/ triple arrows shall be paid at the same unit price under the respective bid item.

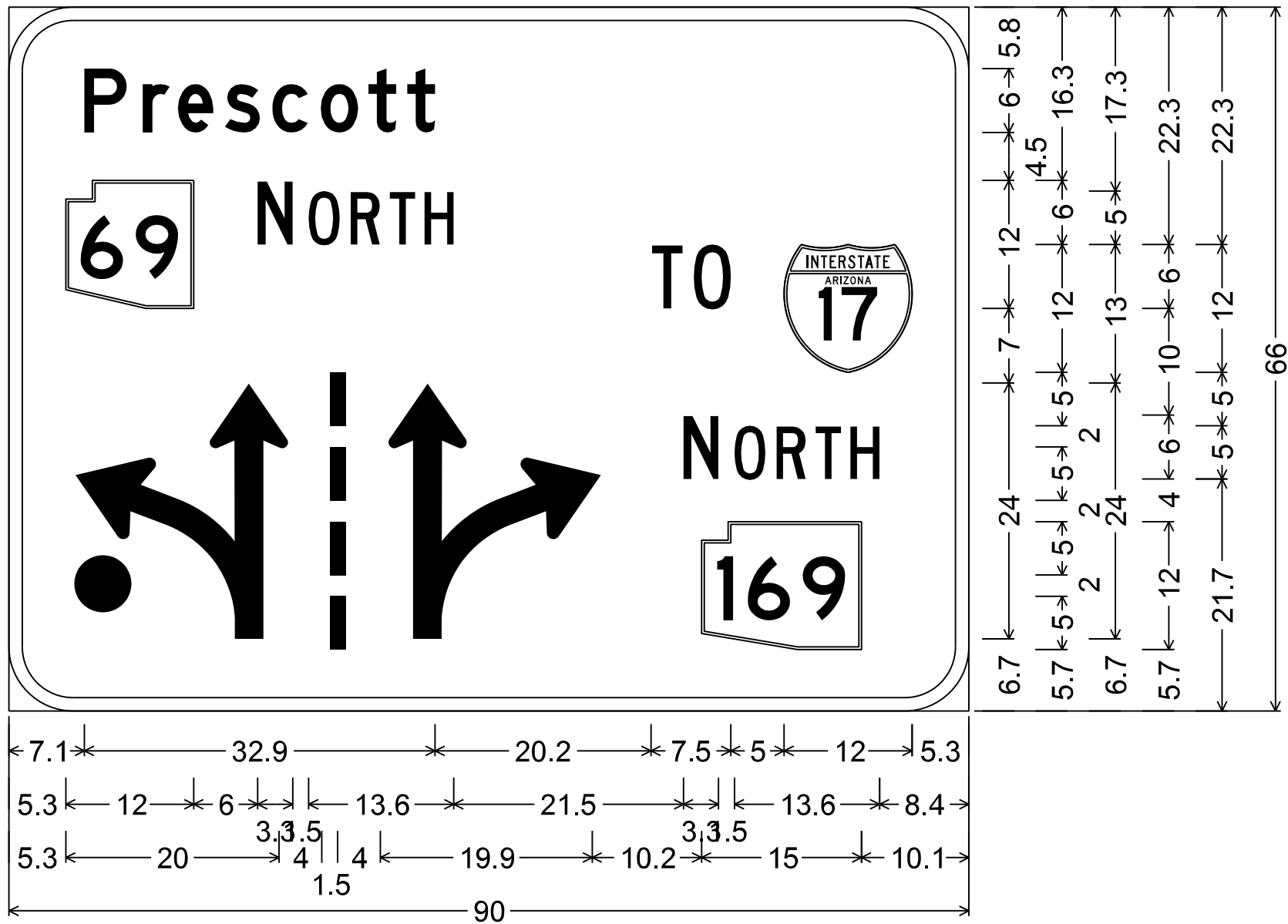
PAVEMENT MARKING DETAILS
Not to Scale



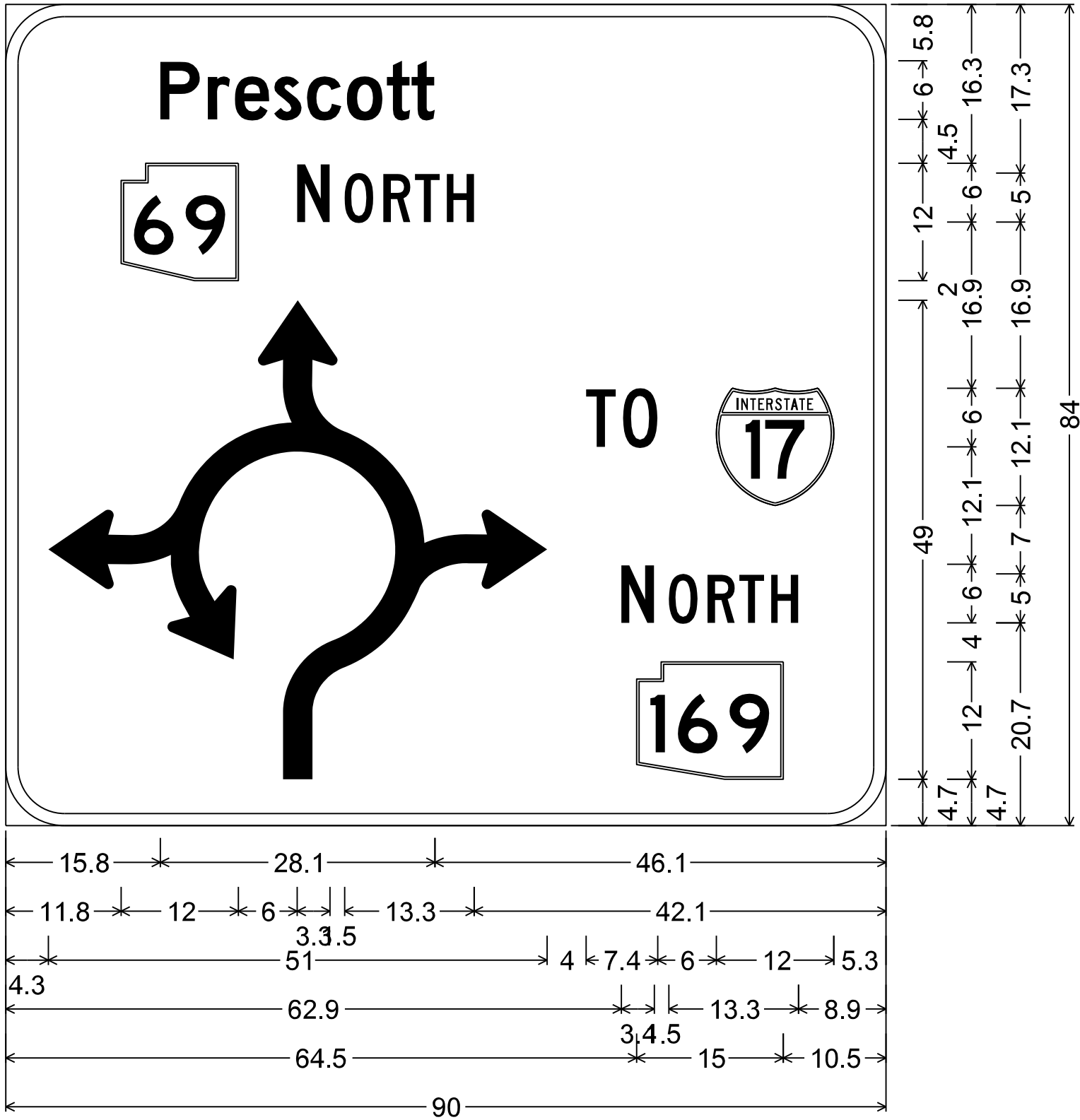
	NAME	DATE
DESIGN	N. PETROFF	6/26
DRAWN	L. BANZON	6/26
CHECKED	S. GOUNDLA	6/26

AZTEC
501 N 44th St, Suite 300
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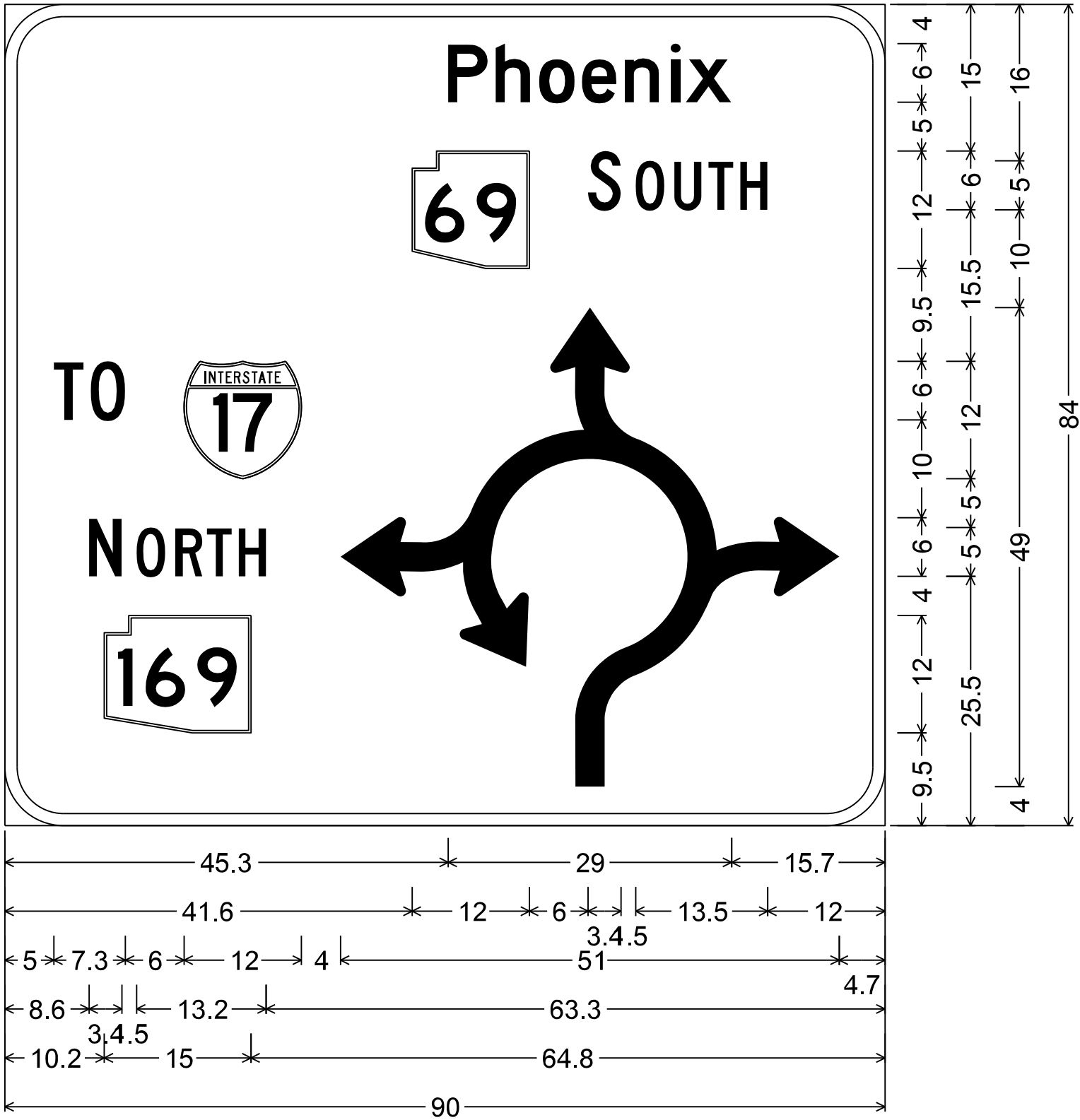
ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE SR69		F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	
	MILEPOST			ARIZ.	069 YV 280	069-A-NFA	90	126		
PAVEMENT MARKING NOTES AND QUANTITIES			LOCATION SR 69 @ SR 169						DWG No. T-02.02	
	STRUCTURE NO.		TRACS NO. F0288 01C						____ OF ____	



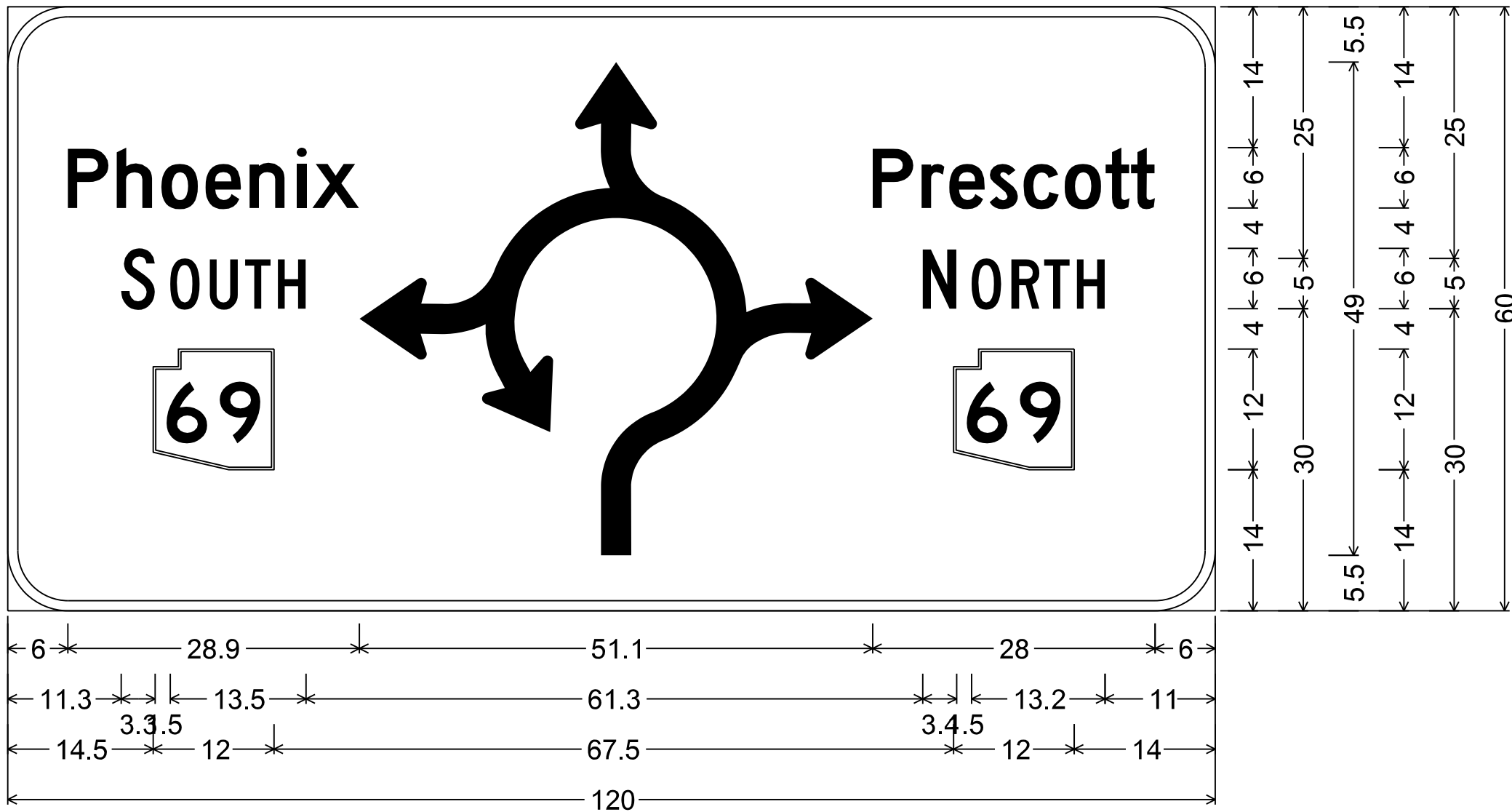
N280.97;
6.0" Radius, 1.3" Border, White on Green;
"Prescott", D; State Highway 69 M1-5c; "N", C; "ORTH", C;
36" Through Left Arrow; 36" Through Left Arrow; "TO", C;
State Name 17 M1-2a; "N", C; "ORTH", C;
State Highway 169 M1-5d;



N280.93;
6.0" Radius, 1.3" Border, White on Green;
"Prescott", D 2K; State Highway 69 M1-5c; "N", C 2K;
"ORTH", C 2K; "TO", C 2K; "N", C 2K; "ORTH", C 2K;
State Highway 169 M1-5d;



S281.26;
6.0" Radius, 1.3" Border, White on Green;
"Phoenix", D 2K; State Highway 69 M1-5c; "S", C 2K;
"OUTH", C 2K; "TO", C 2K; "N", C 2K; "ORTH", C 2K;
State Highway 169 M1-5d;



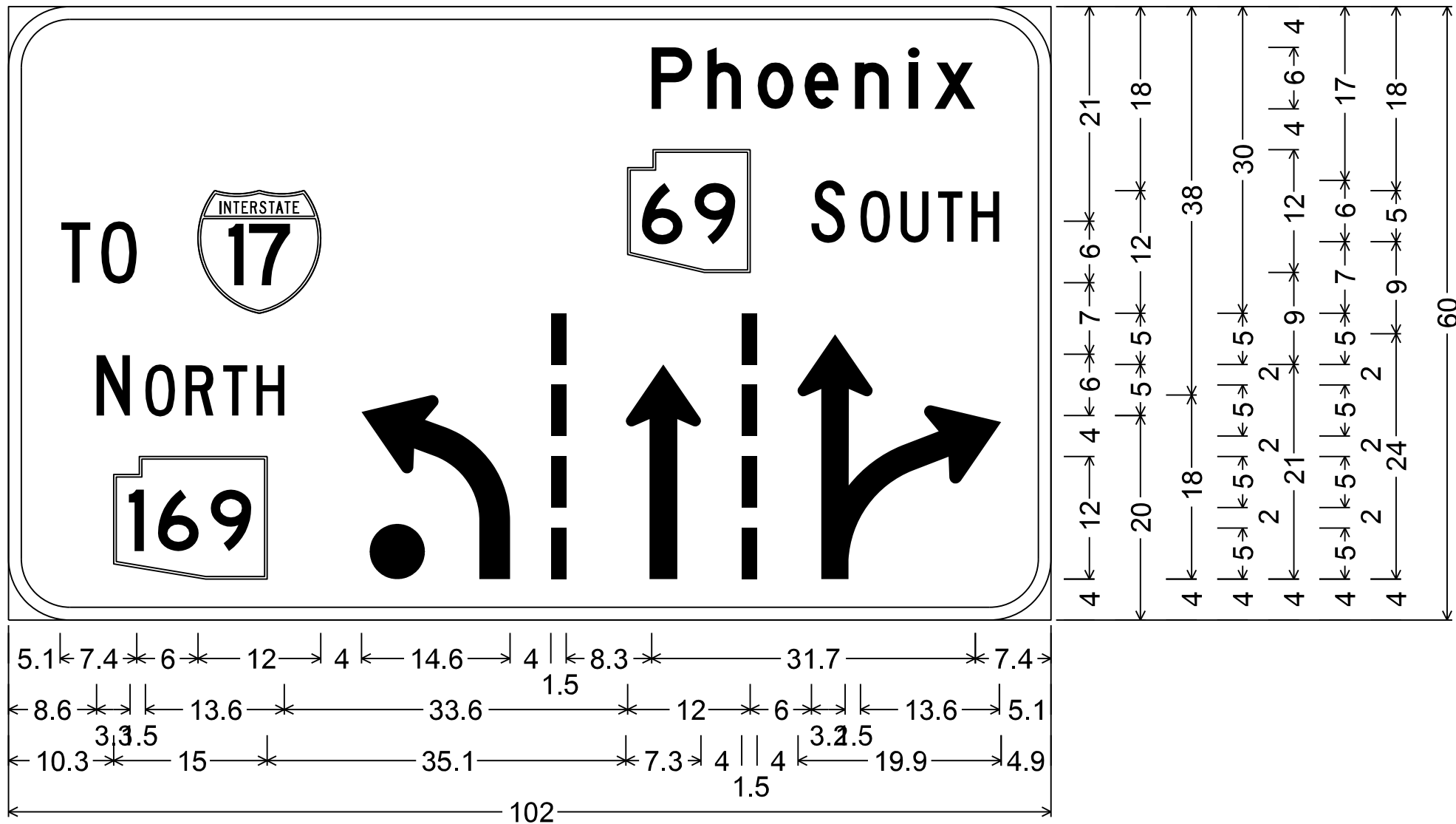
S0.14;
6.0" Radius, 1.0" Border, White on Green;
"Phoenix", D 2K; "S", C 2K; "OUTH", C 2K; State Highway 69 M1-5c;
"Prescott", D 2K; "N", C 2K; "ORTH", C 2K; State Highway 69 M1-5c;



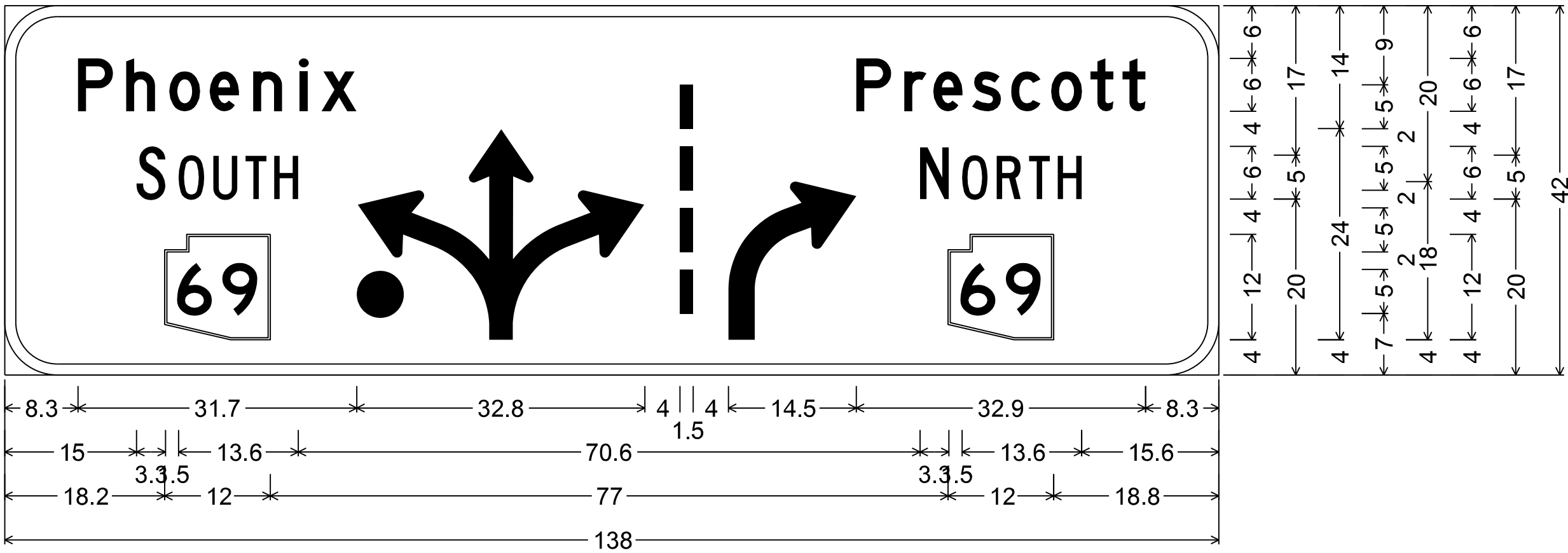
DESIGN	NAME	DATE
DESIGNED	N. PETROFF	6/26
DRAWN	L. BANZON	6/26
CHECKED	S. GOUNDLA	6/26

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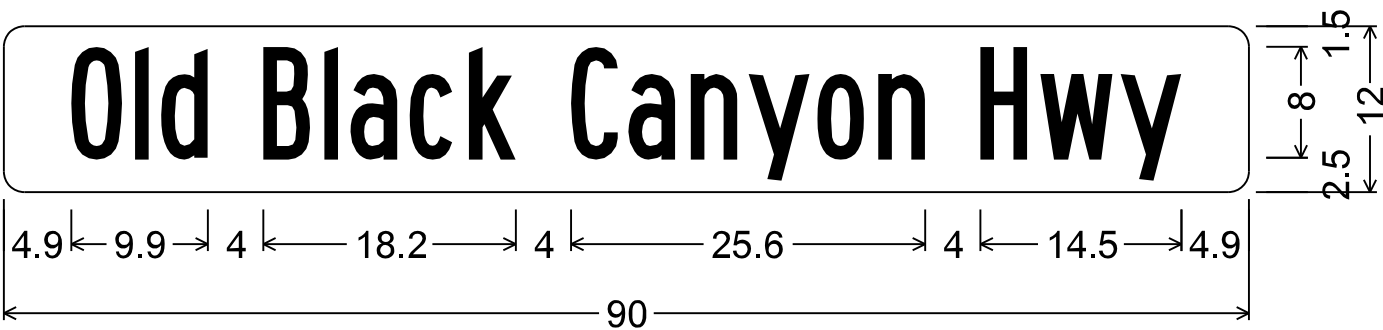
ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 91	TOTAL SHEETS 126	RECORD DRAWING
SIGN FORMATS	MILEPOST	SR 69 @ SR 169						DWG No. T-02.03
	STRUCTURE NO.	TRACS NO. F0288 01C						OF



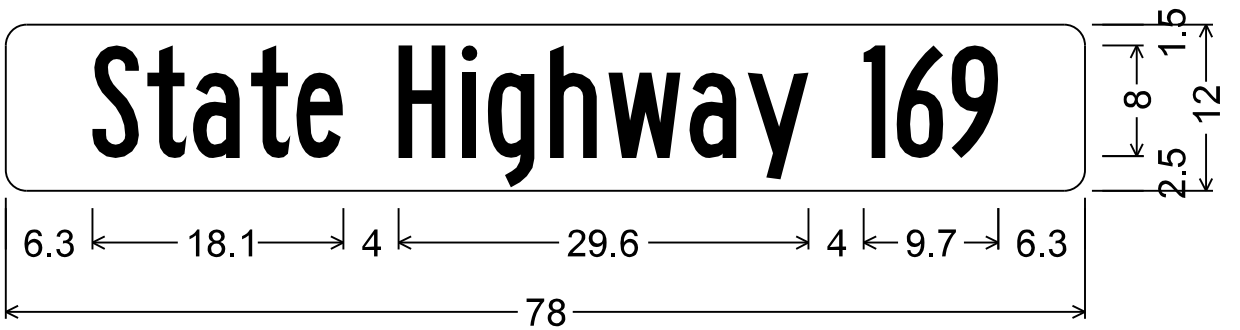
S281.14;
6.0" Radius, 1.3" Border, White on Green;
"TO", C; "N", C; "ORTH", C; State Highway 169 M1-5d;
24" Right Turn Arrow; "Phoenix", D; State Highway 69 M1-5c; "S", C;
"OUTH", C; 36" Through Left Arrow;



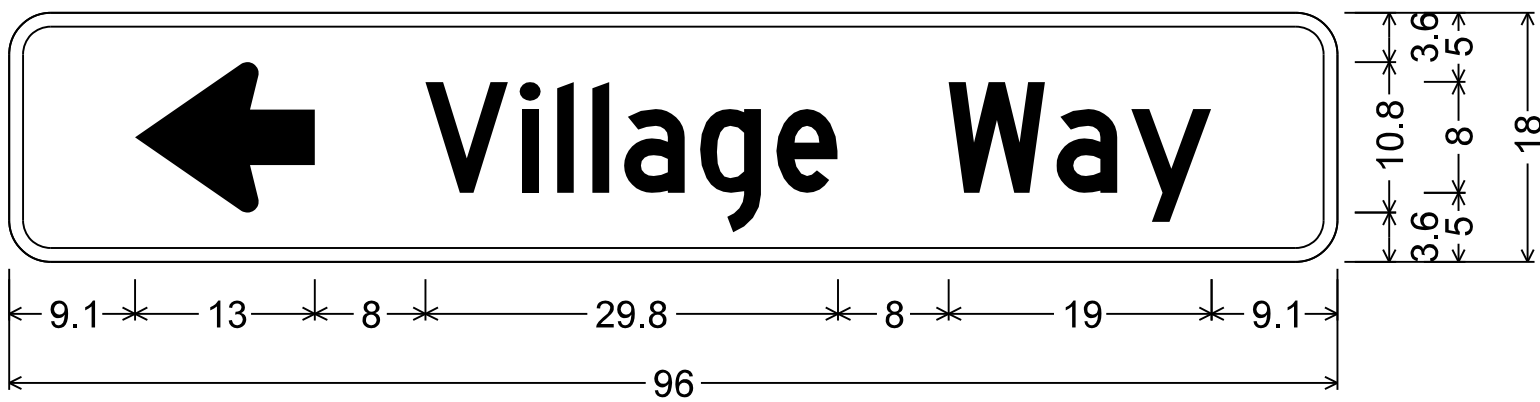
S0.10B;
6.0" Radius, 1.3" Border, White on Green;
"Phoenix", D; "S", C; "OUTH", C; State Highway 69 M1-5c; 24" Shared Left/Thru/Right Arrow;
24" Right Turn Arrow; "Prescott", D; "N", C; "ORTH", C; State Highway 69 M1-5c;



N0.09B;
1.5" Radius, No border, Black on Green;
"Old" White, B 50% spacing; "Black" White, B 50% spacing;
"Canyon" White, B 50% spacing; "Hwy" White, B 50% spacing;



N0.09B;
1.5" Radius, No border, Black on Green;
"State" White, B 50% spacing;
"Highway" White, B 50% spacing;
"169" White, B 50% spacing;



N0.09C;
3.0" Radius, 1.0" Border, White on Green;
Arrow 8" Type D1 - 13.0" 180°; "Village Way", D 50% spacing;



	NAME	DATE
DESIGN	N. PETROFF	6/26
DRAWN	L. BANZON	6/26
CHECKED	S. GOUNDLA	6/26

AZTEC 501 N 44th St, Suite 300
Phoenix, AZ 85008-4505
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ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE SR69
SIGN FORMATS	MILEPOST
	STRUCTURE NO.

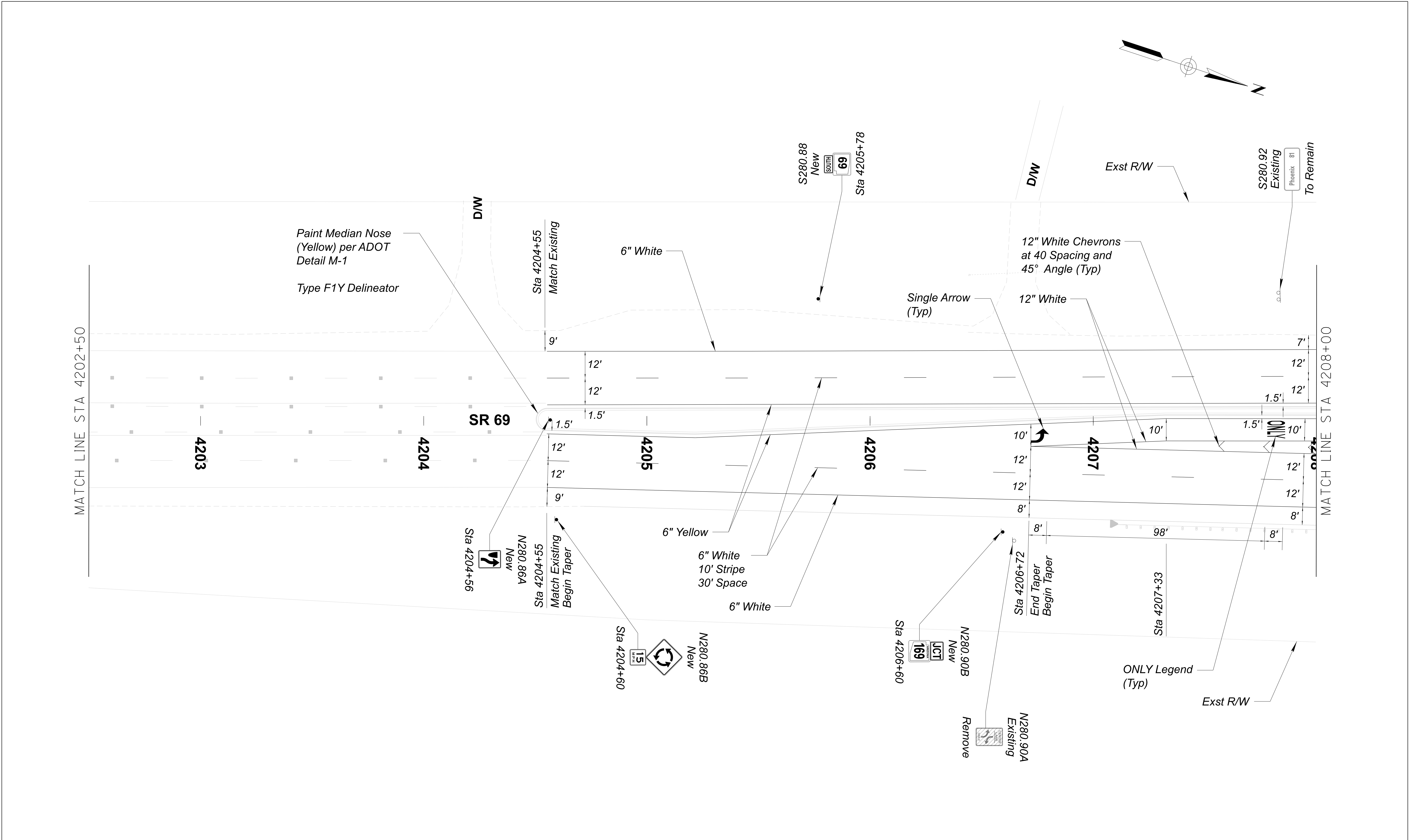
F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 92	TOTAL SHEETS 126	RECORD DRAWING
LOCATION SR 69 @ SR 169						DWG No. T-02.04
TRACS NO. F0288 01C						____ OF ____

Plan Sheet No	Sign No	MOAS Sign Code	WORK					Offset (ft)	Mounting Height (ft)	Background Color	PANEL						GROUND MOUNT					OVERHEAD		Remarks																
			EXISTING								Legend	Panel Size (INCH)		Area SQ. FT.	Type	Bid Item Number	Foundations	Posts		New Slip Bases	Stringer		Structure Type		No of New Mount Brackets															
			New	Replace Panel	Relocate Panel	Modify Legend	Remove EXst To Remain											Type	Total Length FT.		Type	Total Length FT.																		
												W	H																											
T-02.13	N280.55	M2-101					X			GR	Junction 169 1/2 Mile																													
T-02.13	N280.76	R2-1					X				Speed Limit 55																													
T-02.13	N280.81	R2-1	X					12	7	WH	Speed Limit 45						36	48	12.0	RWM	6080005	1	2 1/2T	13	1															
T-02.14	N280.86A	R4-7	X						7	WH	Keep Right (Symbol)						36	48	12.0	RWM	6080005	1	2 1/2T	13	1					Center in Median										
T-02.14	N280.86B	W2-6	X					12	7	YL	Roundabout						36	36	9.0	RWM	6080005	1	2 1/2T	12	1															
	+	W13-1	X							YL	15 MPH						24	24	4.0	RWM	6080005																			
T-02.14	N280.90A	R3-9b					X				Center Lane Left Turn Only										2020047																			
T-02.14	N280.90B	M2-1	X					12	7	WH	Jct						24	12	2.0	RWM	6080005	1	2 1/2S	12																
	+	M1-5b	X								SR 169						30	24	5.0	RWM	6080005																			
T-02.15	N280.93	Guide	X					12	7	GR	Prescott SR 69 North, Roundabout, To I-17 North SR 69						90	84	52.5	Ext	6080018	2	W6x12	34																
T-02.15	N280.94	R3-5bP	X						7	WH	Left Lane						30	12	2.5	RWM	6080005	1	2 1/2T	13	1					Center in Median										
	+	R3-5L	X								Left Lane Only						30	36	7.5	RWM	6080005																			
T-02.15	N280.95	R8-3					X				No Parking (Symbol)										2020047																			
T-02.15	N280.96	Guide									Thru Arrow Prescott, to I-17 North Right Arrow										2020047																			
T-02.15	N280.97	Guide	X					12	7	GR	Prescott SR 69 North Thru Left Arrow						90	66	41.3	Ext	6080018	2	W6x12	27																
	+										Prescott SR 69 North, Thru Left Arrow, Thru Right Arrow, TO I-17, SR 169 North																													
T-02.15	N280.98A	OM3						X			Type 3 Object Marker																													
T-02.15	N280.98B	OM3						X			Type 3 Object Marker																													
T-02.15	N281.00A	D10-3					X				Mile Post 281											2020047																		
T-02.15	N281.00B	D10-3	X					12	4	GR	Mile Post 281										7030095																			
T-02.15	N281.01A	R3-8KQ	X					12	7	WH	Intersection Lane Control (2 Lane) (Left Straight/ Straight Right)						36	30	7.5	RWM	6080005	1	2 1/2S	12	1															
T-02.15	N281.01B	R3-5R					X				Right Lane Only										2020047																			
	+	R3-5fP									Right Lane																													
Notes: 1. The Developer shall verify post lengths and elevations. 2. Signs may shift longitudally 10' in order to achieve a more desirable location. 3. Quantites are approximate and for the Developers information only. 4. See the ADOT Signing and Marking Standard Drawings for installation information. Panel Types: RM: Regulatory or Marker. W: Warning. F-DA: Flat Sheet Aluminum with Direct Applied or Silk Screened Characters. EXT: Aluminum Extrusion.																																								
															501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (480) 499-5565 www.aztecusd.com					ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION NB SR 69 SIGN SUMMARY SHEET 1 OF 8					ROUTE SR69 MILEPOST STRUCTURE NO.		F.H.W.A. Arizona Division ARIZ.		STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 93	TOTAL SHEETS 126	RECORD DRAWING	LOCATION SR 69 @ SR 169			DWG No. T-02.05 ___ OF ___		

<

Plan Sheet No	Sign No	MOAS Sign Code	WORK					Offset (ft)	Mounting Height (ft)	Background Color	PANEL					GROUND MOUNT					OVERHEAD		Remarks																			
			EXISTING								Legend	Panel Size (INCH)		Area SQ. FT.	Type	Bid Item Number	Foundations	Posts		Stringer		Structure Type		No of New Mount Brackets																		
			New	Replace Panel	Relocate Panel	Modify Legend	Remove EXst											To Remain	Type	Total Length FT.	New Slip Bases				Type	Total Length FT.																
T-02.17	S281.09A	R3-5fP					X				Right Lane						2020047																									
	+	R3-5R					X				Right Turn Only																															
T-02.17	S281.09B	W11-2	X					2	7	YL	Pedestrain	36	36	9.0	RWM	6080005	1	2 1/2T	14	1																						
	+	W16-7pL	X							YL	Downward Diagonal Arrow (Left)	24	12	2.0	RWM	6080005																										
T-02.17	S281.08C	W11-2	X					6	7	YL	Pedestrain	36	36	9.0	RWM	6080005	1	2 1/2T	14	1																						
	+	W16-7pR	X							YL	Downward Diagonal Arrow (Right)	24	12	2.0	RWM	6080005																										
T-02.17	S281.08A	R1-2	X					6	7	WH	Yield	48	48	16.0	RWM	6080005	2	2 1/2T	27	2																						
T-02.17	S281.08B	R1-2	X					4	7	WH	Yield	48	48	16.0	RWM	6080005	2	2 1/2T	27	2																						
T-02.17	S281.08D	W11-2	X					2	7	YL	Pedestrain	36	36	9.0	RWM	6080005	1	2 1/2T	14	1																						
	+	W16-7pL	X							YL	Downward Diagonal Arrow (Left)	24	12	2.0	RWM	6080005																										
T-02.17	S281.07A	R6-4b	X					12	5	WH	Roundabout Directional (4 Chevrons)	60	24	10.0	RWM	6080005	2	2 1/2S	23	2				Install chevron arrows pointing right																		
T-02.17	S281.07B	R1-2	X					4	7	WH	Yield	48	48	16.0	RWM	6080005	2	2 1/2T	27	2																						
T-02.17	S281.07C	R4-7	X					4	7	WH	Keep Right (Symbol)	36	48	12.0	RWM	6080005	1	2 1/2T	13	1																						
T-02.17	S281.07D	W11-2	X					6	7	YL	Pedestrain	36	36	9.0	RWM	6080005	1	2 1/2T	14	1																						
	+	W16-7pL	X							YL	Downward Diagonal Arrow (Left)	24	12	2.0	RWM	6080005																										
T-02.17	S281.06A	R1-2	X					6	7	WH	Yield	48	48	16.0	RWM	6080005	2	2 1/2T	27	2				Install chevron arrows pointing right																		
T-02.17	S281.06B	R10-5					X				Left on Green Arrow Only					2020047																										
	+	M1-5b					X				SR 169																															
	+	M6-1					X				Left Arrow																															
T-02.17	S281.06C	R6-4b	X					12	5	WH	Roundabout Directional (4 Chevrons)	60	24	10.0	RWM	6080005	2	2 1/2S	23	2																						
T-02.17	S281.05A	M3-3	X							WH	South	24	12	2.0	RWM	6080005	1	2 1/2T	13	1																						
	+	M1-5a	X							WH	State Route 69	24	24	4.0	RWM	6080005																										
	+	M6-2R	X							WH	Diagonal Arrow (Right)	18	12	1.5	RWM	6080005																										
T-02.17	S281.05B	W11-2	X					6	7	YL	Pedestrain	36	36	9.0	RWM	6080005	1	2 1/2T	14	1																						
	+	W16-7pR	X							YL	Downward Diagonal Arrow (Right)	24	12	2.0	RWM	6080005																										
T-02.17	S281.04B	W11-2	X					2	7	YL	Pedestrain	36	36	9.0	RWM	6080005	1	2 1/2T	14	1																						
	+	W16-7pL	X							YL	Downward Diagonal Arrow (Left)	24	12	2.0	RWM	6080005																										
						<table><tr><td>DESIGN</td><td>NAME</td><td>DATE</td></tr><tr><td>DRAWN</td><td>L. BANZON</td><td>6/26</td></tr><tr><td>CHECKED</td><td>S. GOUNDLA</td><td>6/26</td></tr></table>			DESIGN	NAME	DATE	DRAWN	L. BANZON	6/26	CHECKED	S. GOUNDLA	6/26	<table><tr><td>501 N 44th St, Suite 300</td><td rowspan="7"></td><td rowspan="7">TYPSA</td></tr><tr><td>Phoenix, AZ 85008-4505</td></tr><tr><td>Tel: (602) 454-0402</td></tr></table>			501 N 44th St, Suite 300		TYPSA	Phoenix, AZ 85008-4505	Tel: (602) 454-0402	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION			ROUTE SR69		F.H.W.A. Arizona Division		STATE ARIZ.	PROJECT NO. 069 YV 280		FEDERAL ID NO. 069-A-NFA		SHEET NO. 97	TOTAL SHEETS 126	RECORD DRAWING		
DESIGN	NAME	DATE																																								
DRAWN	L. BANZON	6/26																																								
CHECKED	S. GOUNDLA	6/26																																								
501 N 44th St, Suite 300		TYPSA																																								
Phoenix, AZ 85008-4505																																										
Tel: (602) 454-0402																																										
												SB SR 69 SIGN SUMMARY SHEET 5 OF 8		MILEPOST		LOCATION SR 69 @ SR 169				DWG No. T-02.09																						
												STRUCTURE NO.		TRACS NO. F0288 01C				____ OF ____																								

Plan Sheet No	Sign No	MOAS Sign Code	WORK					Offset (ft)	Mounting Height (ft)	Background Color	PANEL					GROUND MOUNT					OVERHEAD		Remarks			
			EXISTING								Legend	Panel Size (INCH)		Area SQ. FT.	Type	Bid Item Number	Foundations	Posts		Stringer		Structure Type		No of New Mount Brackets		
			New	Replace Panel	Relocate Panel	Modify Legend	Remove EXst To Remain											Type	Total Length FT.	New Slip Bases	Type				Total Length FT.	
												W	H													
T-02.20	N0.05A	R2-1				X					45 MPH					2020047										
T-02.20	N0.05B	D14-106			X						Adopt-A-Hwy					6080120	1	2 1/2S	13						Relocate onto new post and foundation	
T-02.20	N0.06	R3-5fP	X					12	7	WH	Right Lane	30	12	2.5	RWM	6080005	1	2 1/2T	13	1						
	+	R3-5R	X								Right Turn Only	30	36	7.5	RWM	6080005										
T-02.20	N0.09A	D3				X					Old Black Canyon Hwy					2020047										
	+	D3				X					State Highway 169															
	+	R1-1				X					Stop															
T-02.20	N0.09B	D3	X					12	7	GR	Old Black Canyon Hwy	90	12	7.5	F-DA	6080025	1	2 1/2T	14	1						
	+	D3	X							GR	State Highway 169	78	12	6.5	F-DA	6080025										
	+	R1-1	X							RD	Stop	36	36	9.0	RWM	6080005										
T-02.20	N0.09C	D3-2	X					12	7	GR	Left Arrow Village Way	96	18	12.0	F-DA	6080025	2	2 1/2S	18	2						
T-02.20	N0.10	R8-3				X					No Parking (Symbol)					2020047										
T-02.20	N0.11A	R2-1	X					12	7	WH	Speed Limit 45	36	48	12.0	RWM	6080005	1	2 1/2T	13	1						
T-02.20	N0.11B	D3-2				X					Left Arrow Village Way					2020047										
T-02.20	N0.12A	M3-1				X					North					2020047										
	+	M1-5b				X					SR 169															
T-02.20	N0.12B	R8-3	X								No Parking (Symbol)	24	24	4.0	RWM	6080005	1	2 1/2S	11							
T-02.20	N0.14A	M3-1	X					12	7	WH	North	24	12	2.0	RWM	6080005	1	2 1/2S	12							
	+	M1-5b	X								SR 169	30	24	5.0	RWM	6080005										
T-02.20	N0.14B	R8-3				X					No Parking (Symbol)					2020047										
T-02.21	N0.15	W8-3 (MOD)					X				Bridge Closed															
T-02.21	N0.16	R8-3					X				No Parking (Symbol)															
T-02.21	N0.17	R3-5bP	X					12	7	WH	Left Lane	30	12	2.5	RWM	6080005	1	2 1/2T	13	1						
	+	R3-5L	X								Left Lane Only	30	36	7.5	RWM	6080005										
	+	R4-7	X							WH	Keep Right (Symbol)	36	48	12.0	RWM	6080005									Mount to Back for SB Traffic	
T-02.21	N0.23	I-3					X				Agua Fria River															
																ROUTE SR69		F.H.W.A. Arizona Division		STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 99	TOTAL SHEETS 126	RECORD DRAWING	
																MILEPOST		LOCATION		SR 69 @ SR 169					DWG No. T-02.11	
																STRUCTURE NO.		TRACS NO. F0288 01C							____ OF ____	
																									</	

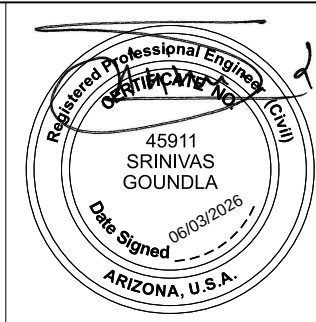
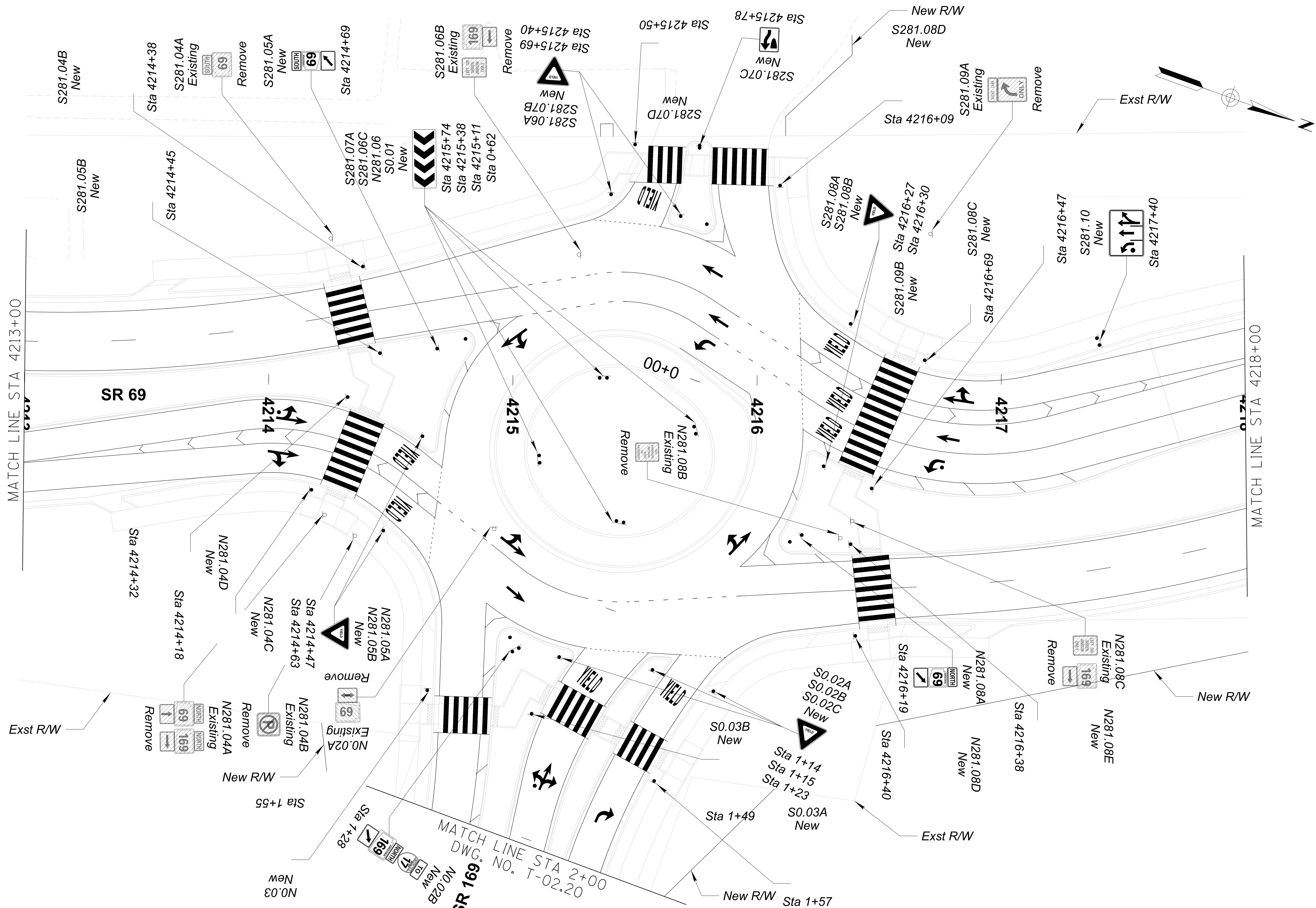


	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING			
	DESIGN		N. PETROFF		6/26		SR69	ARIZ.	069 YV 280	069-A-NFA	102	126			
	DRAWN		L. BANZON		6/26		MILEPOST	LOCATION						DWG No.	T-02.14
	CHECKED		S. GOUNDLA		6/26		STRUCTURE NO.	SR 69 @ SR 169						OF	
								TRACS NO. F0288 01C							
 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 454-5565 www.aztecus.com				STATE ROUTE 69 SR 69 - SR 169 INTERSECTION SIGNING AND PAVEMENT MARKING											



Notes:
1. Paint Median Nose (White) per ADOT Detail M-1

	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING			
	DESIGN		6/26		SR69		ARIZ.	069 YV 280	069-A-NFA	104	126				
	DRAWN		6/26		MILEPOST		LOCATION							DWG No.	T-02.16
	CHECKED		6/26		STRUCTURE NO.		TRACS NO. F0288 01C							OF	
 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5565 www.aztecus.com				STATE ROUTE 69 SR 69 - SR 169 INTERSECTION PAVEMENT MARKING											



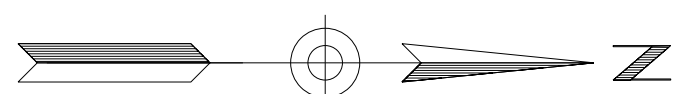
NAME	DATE
DESIGN N. PETROFF	6/26
DRAWN L. BANZON	6/26
CHECKED S. GOUNDLA	6/26

501 N 44th St, Suite 300
Phoenix, AZ 85008-4505
Tel: (602) 454-0402
Fax: (602) 454-0403
www.aztecusa.com

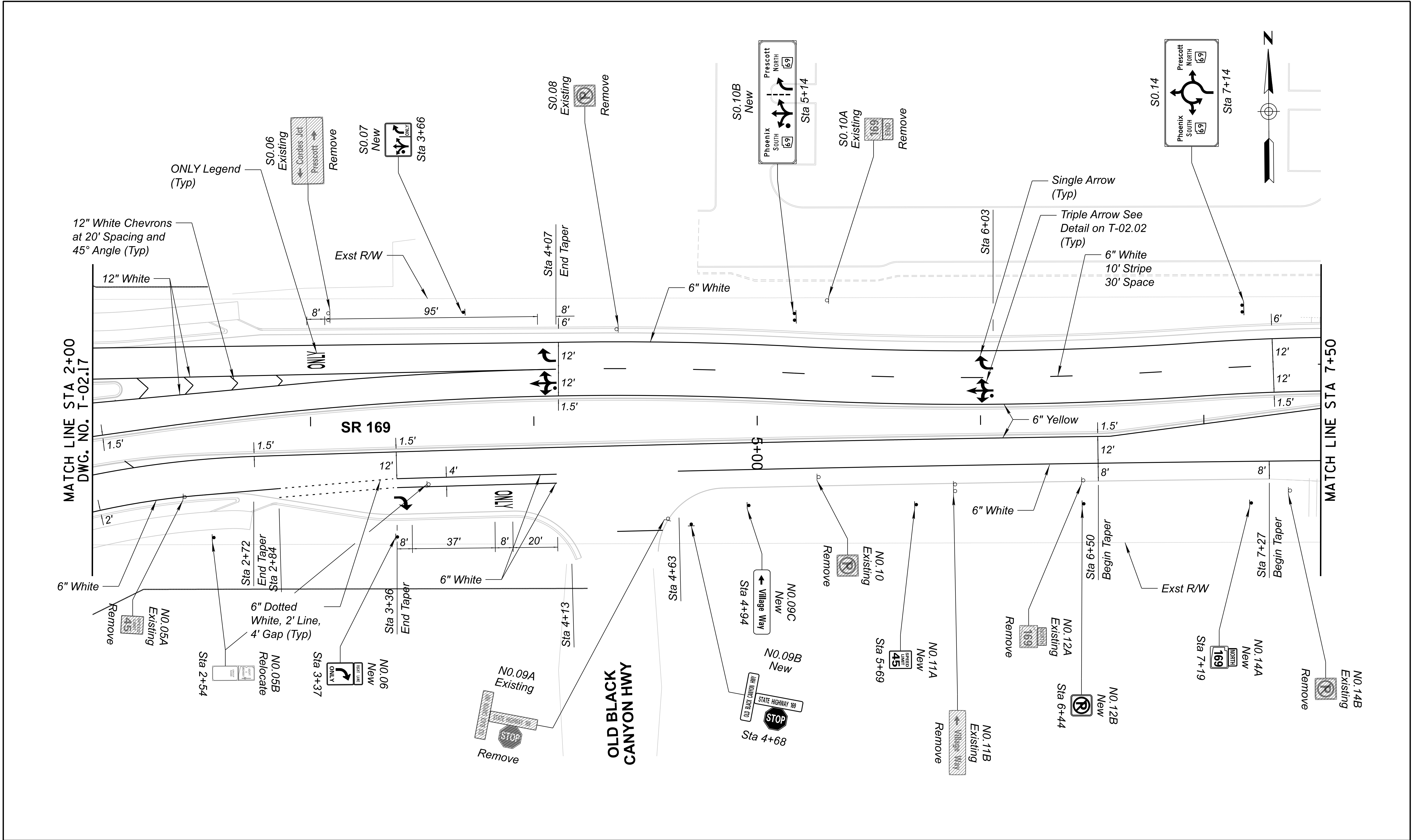
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION

STATE ROUTE 69
SR 69 - SR 169 INTERSECTION
SIGNING

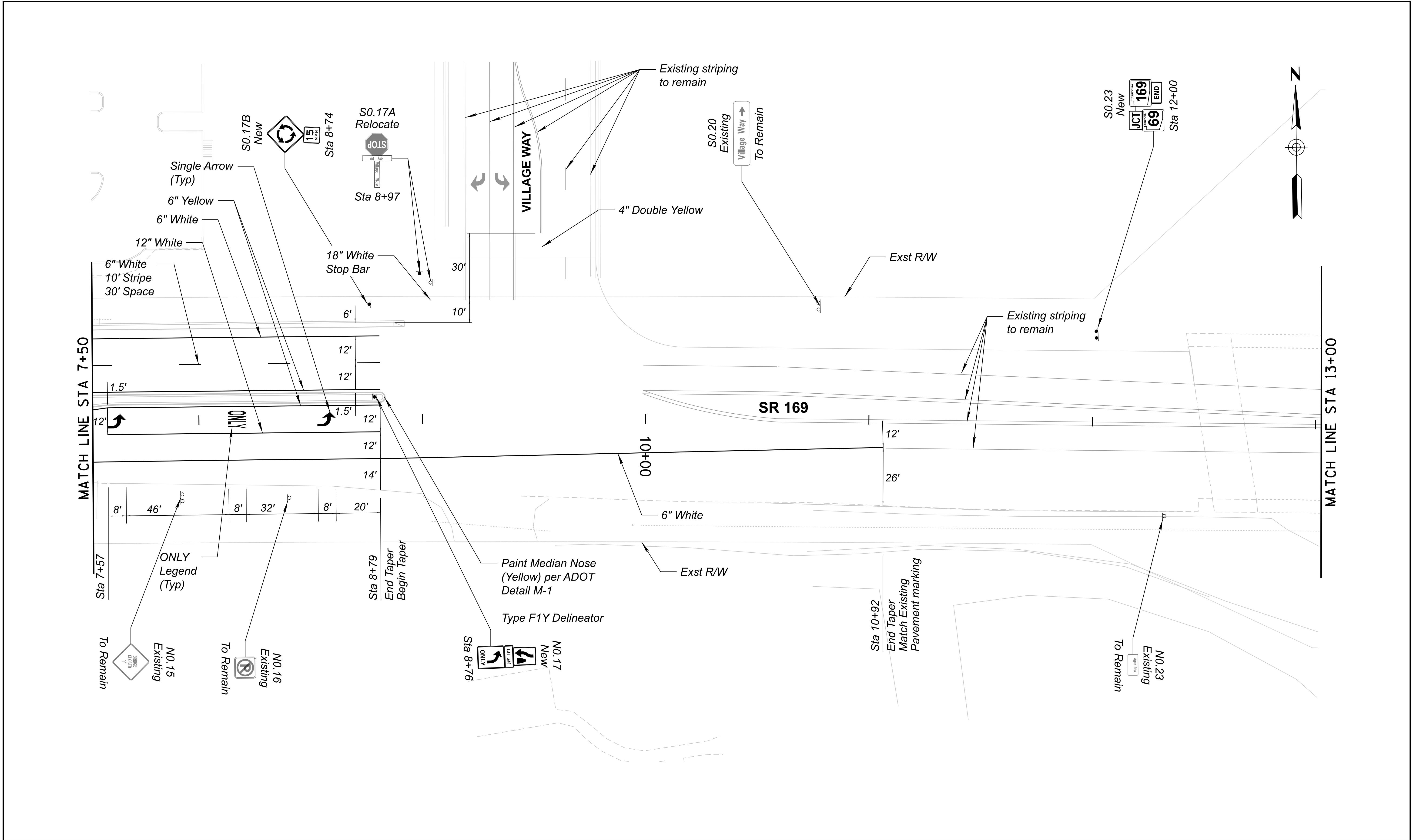
ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
SR69	ARIZ.	069 YV 280	069-A-NFA	105	126	
MILEPOST	SR 69 @ SR 169					DWG No. T-02.17
STRUCTURE NO.	F0288 01C					OF



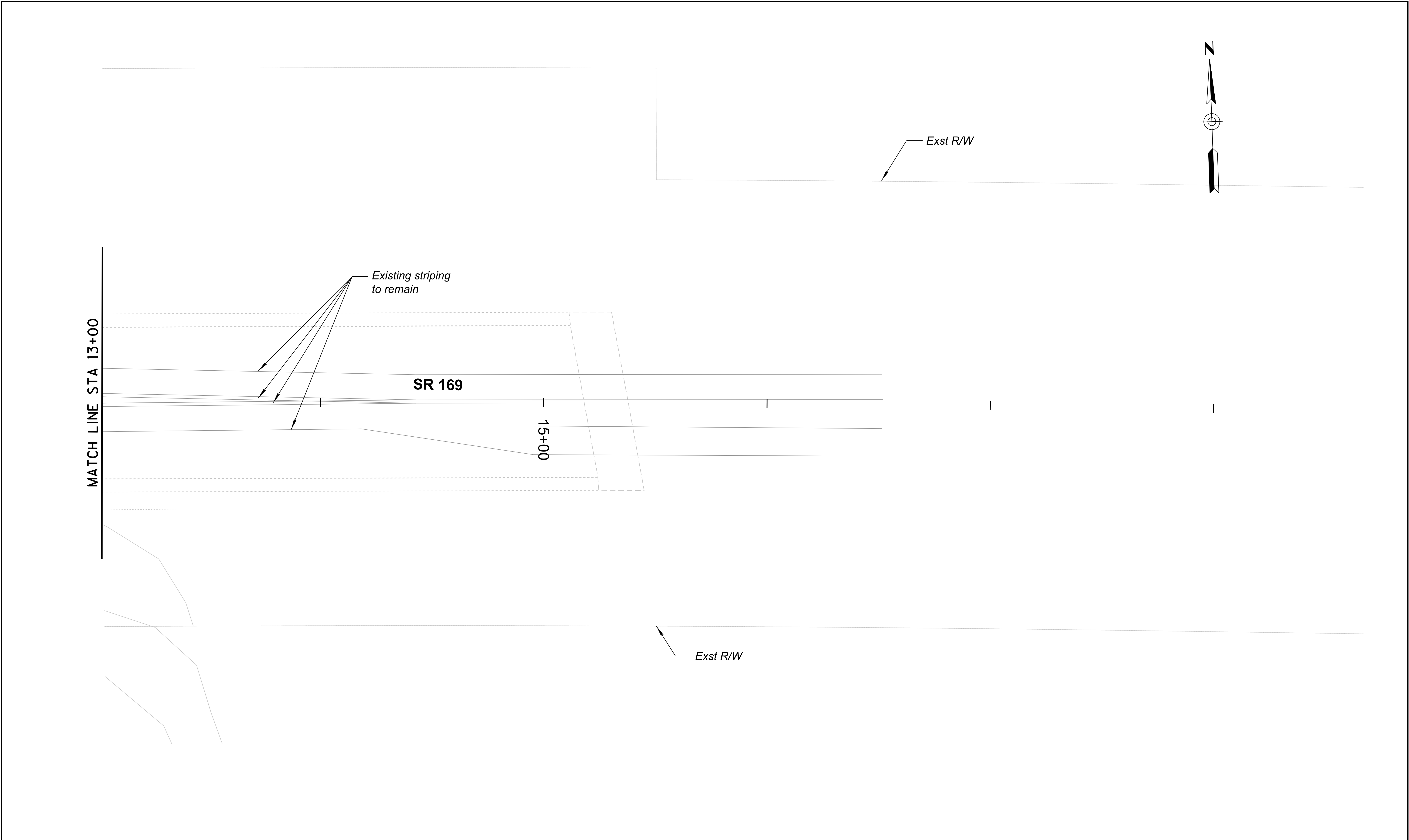
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	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	
	DESIGN		N. PETROFF		6/26			SR69	069 YV 280	069-A-NFA	108		126
	DRAWN		L. BANZON		6/26			MILEPOST	LOCATION				DWG No. T-02.20
	CHECKED		S. GOUNDLA	6/26	STRUCTURE NO.	SR 69 @ SR 169							
	 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5565 www.aztecus.com				STATE ROUTE 69 SR 69 - SR 169 INTERSECTION SIGNING AND PAVEMENT MARKING		TRACS NO. F0288 01C		____ OF ____				



	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	
	DESIGN		N. PETROFF		6/26		SR69	ARIZ.	069 YV 280	069-A-NFA	109	126	
	DRAWN		L. BANZON		6/26		MILEPOST	LOCATION SR 69 @ SR 169					
	CHECKED		S. GOUNDLA	6/26	STRUCTURE NO.	TRACS NO. F0288 01C						___ OF ___	
			AZTEC  501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5565 www.aztecus.com			STATE ROUTE 169 SR 69 - SR 169 INTERSECTION SIGNING AND PAVEMENT MARKING							



Professional Engineer 45511 SRINIVAS GOUNDLA 06/03/2026 Date Signed ARIZONA, U.S.A.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</
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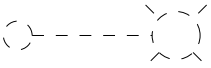
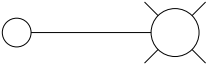
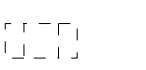
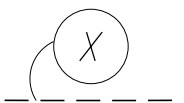
ADOT ROADWAY LIGHTING GENERAL NOTES:

1. All work shall conform to the Arizona Department of Transportation (ADOT) Standard Specifications For Road And Bridge Construction 2021, ADOT SLS Traffic Signals and Lighting Standard drawings, and the special provisions.
2. The location of utilities on the plans are approximate. All involved utilities may not be shown on the plans. The contractor shall be responsible, per subsections 107.15 and 730.6 of the Standard Specifications, for contacting all utilities (including ADOT) for the exact location prior to any construction activity. The contractor is responsible for maintaining proper clearances as required by the utility company.
3. The contractor shall stake all pole foundation, pull box, and conduit locations and obtain approval from the Engineer prior to any excavation or trenching activities.
4. The contractor shall submit a request in writing to the Engineer when field adjustments are necessary to avoid conflict with utilities or construction.
5. Top of pull boxes shall be flush with surrounding final grade elevation(s).
6. All light poles shall be installed with the luminaire arm perpendicular to the adjacent roadway construction centerline.
7. All new pole foundations shall be inspected by ADOT Traffic Signal Inspector prior to placement of concrete.
8. All light pole foundations with breakaway bases shall be constructed with the top of foundation flat and level in accordance with the manufacturer's recommendations.
9. All roadway luminaires shall be the light emitting diode (LED) (3,000K).
10. Each horizontally pole mounted luminaire shall be individual fused with in-line connectors in the nearest adjacent pull box.
11. Conduit and pull box locations shown on the plans are schematic. The contractor shall adjust the locations based on final field conditions, and as approved by the Engineer.
12. The contractor shall obtain maintenance unit numbers from ADOT Traffic Operations. Maintenance unit numbers shall be filled in the Pole and Luminaire Schedule as part of the record drawing process.
13. Once installed, all luminaires shall be energized for 100 hours before final acceptance in accordance with subsection 732-3.02 of the specifications. The contractor shall be responsible for correcting any problems for six months after the luminaires pass a final inspection in accordance with Section 106.13 of the specifications. The contractor shall provide a name and telephone number to the Engineer of a contact person ADOT can call after the job is completed.
14. The contractor shall place warning tape in all trenches in which new conduit is placed per subsections 732-2.02 and 732-3.01 in the specifications. The cost of the warning tape and installation shall be included in the cost of the conduit and not paid for separately.
15. The electrical service requirements and connections shall be coordinated with the Arizona Public services representative a minimum of 14 days prior to construction impacts.
16. All trenches for conduit from meter to point of service shall be inspected by APS prior to backfilling. The contractor shall verify actual location of electrical service with utility company prior to trenching and installing the conduits, pullboxes and transformer pads for service conductors.
17. All luminaires shall be marked with their lamp wattage and "LED". These markings shall be clearly visible from the ground.

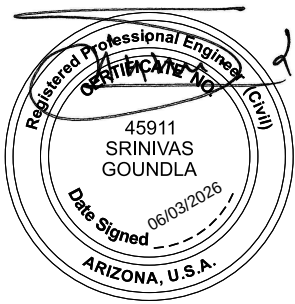
18. All conduit which will not have circuit wire or cable pulled into it during construction shall have detectable mule tape pull wire installed in it and the ends sealed in a utility company approved manner to keep all moisture and foreign matter out of the conduit.

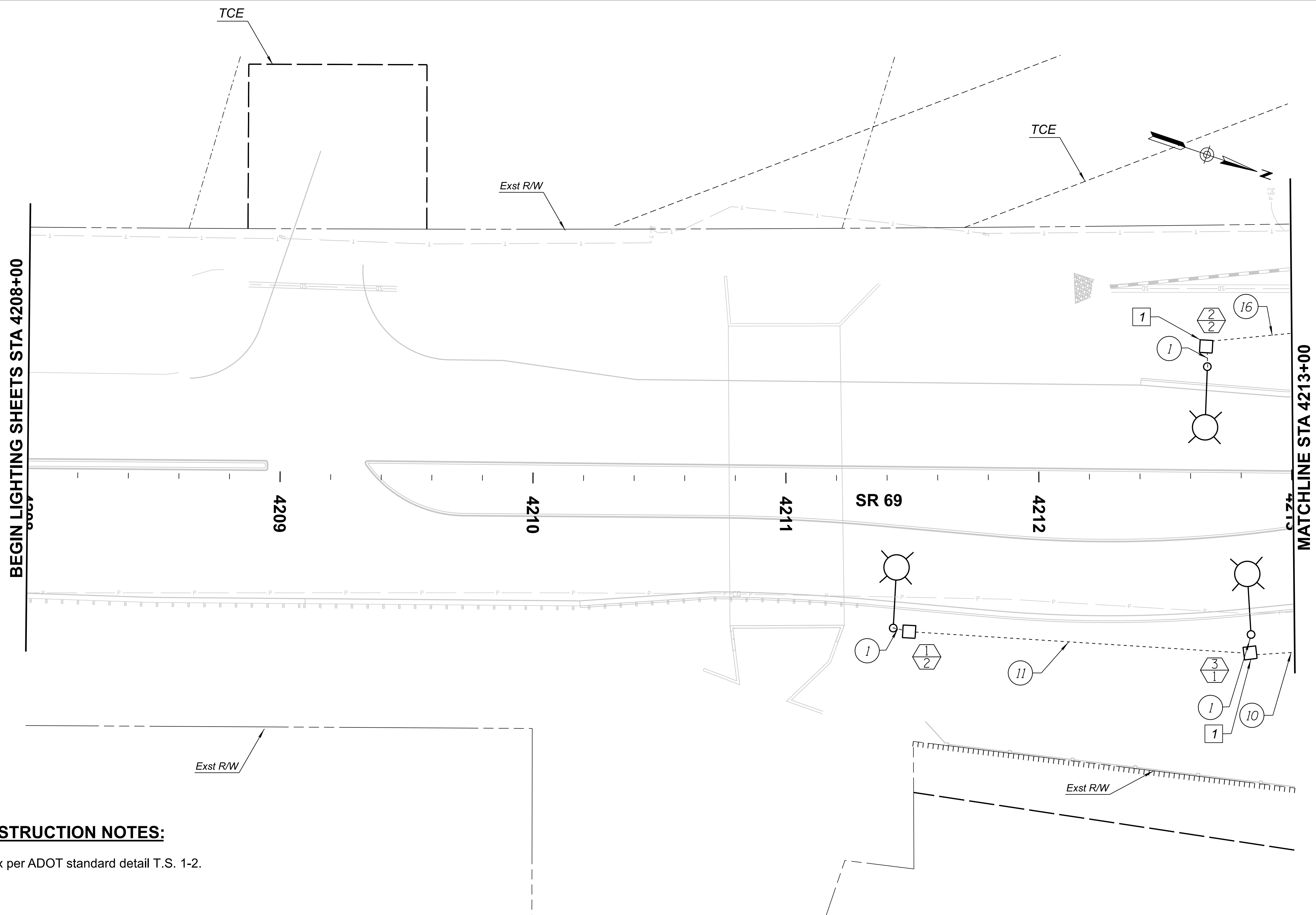
LIGHTING CONSTRUCTION NOTES:

- 1 Install #5 pullbox per ADOT standard detail T.S. 1-2.
- 2 Install #7 pullbox per ADOT standard detail T.S. 1-2.
- 3 Install Type I meter pedestal cabinet per ADOT standard detail T.S.3-5
- 4 Contractor to coordinate re routing of existing traffic signal service connection to new roadway lighting service connection with APS.

ROADWAY LIGHTING LEGEND		
EXISTING	PROPOSED	DESCRIPTION
		Aluminium Type G Light Pole with Truss Style Mastarm
		Type I Meter Pedestal (ADOT Std Dwgs T.S. 3-5)
		Number 5 Pull Box (ADOT Std Dwg T.S. 1-2)
		Number 7 Pull Box (ADOT Std Dwg T.S. 1-2)
		Construction Note
		A-Pole Number B-Circuit (See Pole Schedule)
		Conduit with Conductors (See Conductor Schedule)

METER PEDESTAL			
TYPE	LOCATION	ADDRESS	NOTES
Type I	NE corner of SR 69/169 intersection Sta 4216+18.56 164.50 RT	EXISTING SR69/SR169 (As in APS System)	Existing service connected to new Meter Pedestal

	DESIGN	C. MALLA	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	069 YV 280	FEDERAL ID NO.	069-A-NFA	SHEET NO.	111	TOTAL SHEETS	126	RECORD DRAWING
	DRAWN	C. MALLA	6/26		MILEPOST			LOCATION SR 69 @ SR 169						DWG. No. T-03.01		
	CHECKED	A. MORENO	6/26		STRUCTURE NO.	TRACS NO. F0288 01C						OF				
	 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel (602) 454-0402 Fax (602) 459-5565 www.aztecus.com				STATE ROUTE 69 SR 69-SR169 INTERSECTION ROADWAY LIGHTING GENERAL NOTES											



LIGHTING CONSTRUCTION NOTES:

- 1 Install #5 pullbox per ADOT standard detail T.S. 1-2.



	NAME	DATE
DESIGN	C. MALLA	6/26
DRAWN	C. MALLA	6/26
CHECKED	A. MORENO	6/26

AZTEC TYPSA
501 N 44th St, Suite 300
Phoenix, AZ 85008-4505
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION

STATE ROUTE 69
SR 69 - SR 169 INTERSECTION
ROADWAY LIGHTING

ROUTE
SR69

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

LOCATION

TRACS NO. F0288 01C

STATE
ARIZ.

PROJECT NO.
069 YV 280

FEDERAL ID NO.
069-A-NFA

SHEET
NO. 112

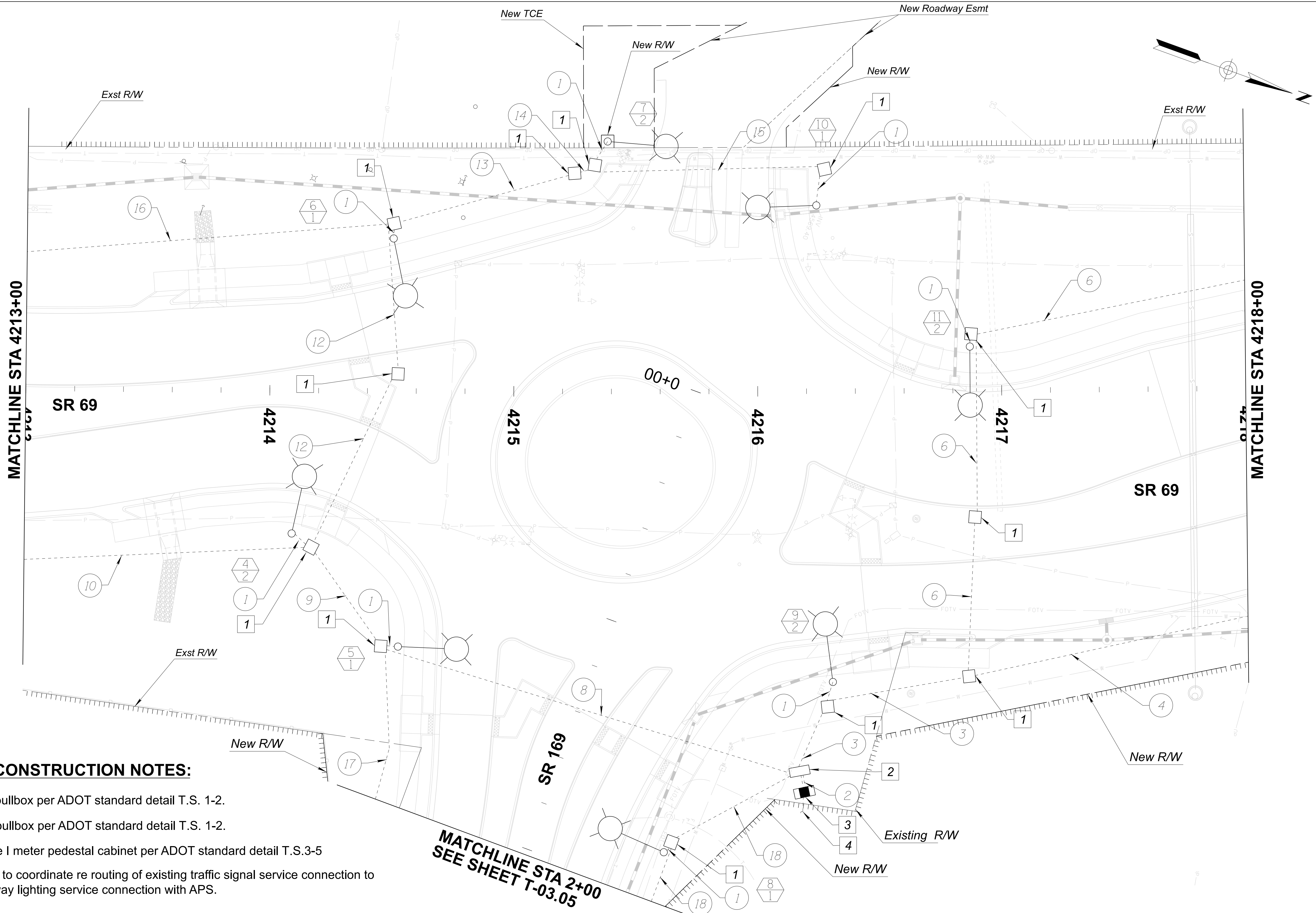
TOTAL
SHEETS 126

RECORD DRAWING

SR 69 @ SR 169

DWG. No. T-03.02

OF



LIGHTING CONSTRUCTION NOTES:

- 1 Install #5 pullbox per ADOT standard detail T.S. 1-2.
- 2 Install #7 pullbox per ADOT standard detail T.S. 1-2.
- 3 Install Type I meter pedestal cabinet per ADOT standard detail T.S.3-5
- 4 Contractor to coordinate re routing of existing traffic signal service connection to new roadway lighting service connection with APS.

MATCHLINE STA 2+00
SEE SHEET T-03.05



	NAME	DATE
DESIGN	C. MALLA	6/26
DRAWN	C. MALLA	6/26
CHECKED	A. MORENO	6/26

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Phoenix, AZ 85008-4505
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION

STATE ROUTE 69
SR 69-SR169 INTERSECTION
ROADWAY LIGHTING

ROUTE
SR69

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

LOCATION

TRACS NO. F0288 01C

STATE
ARIZ.

PROJECT NO.
069 YV 280

FEDERAL ID NO.
069-A-NFA

SHEET
NO. 113

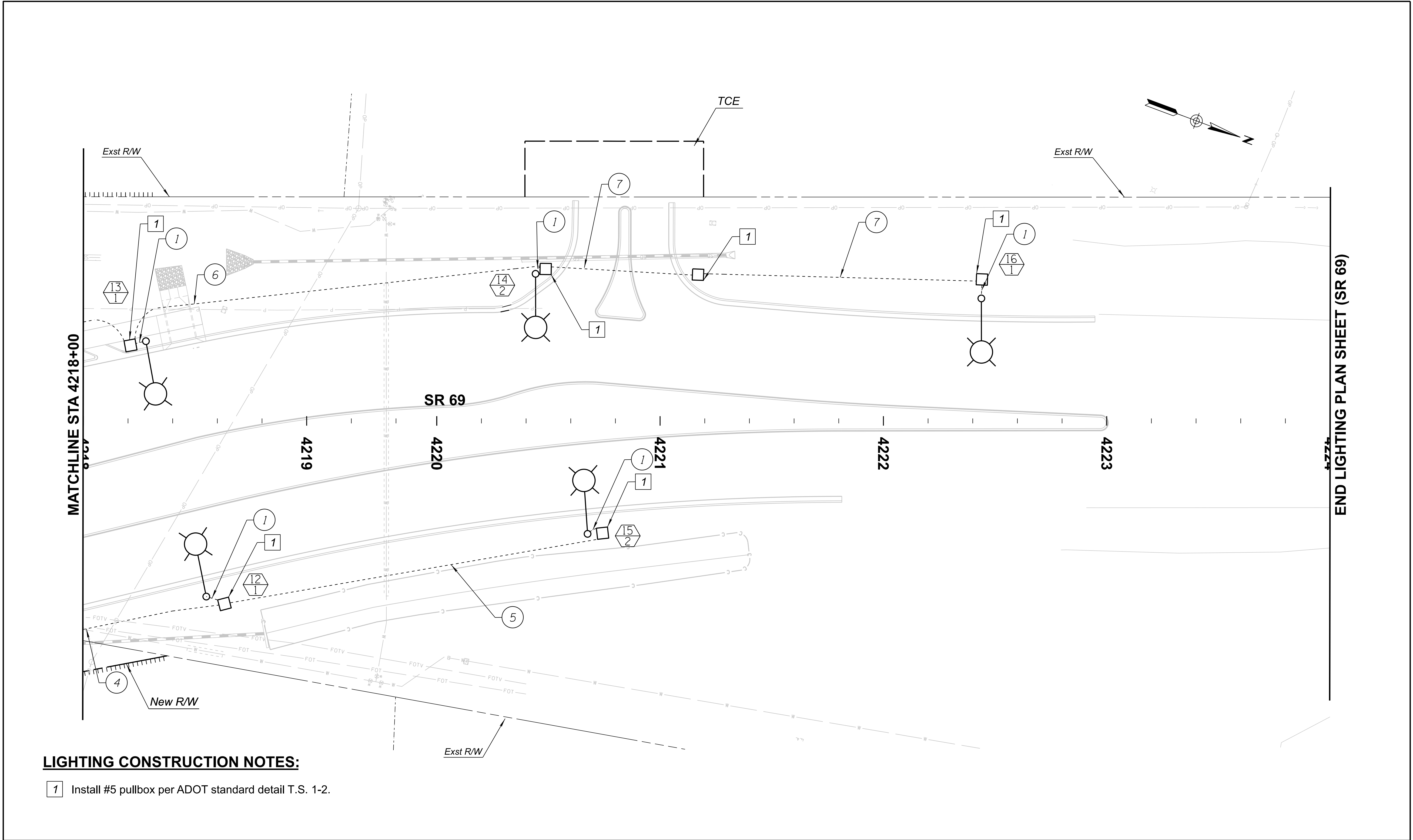
TOTAL
SHEETS 126

RECORD DRAWING

SR 69 @ SR 169

DWG. No. T-03.03

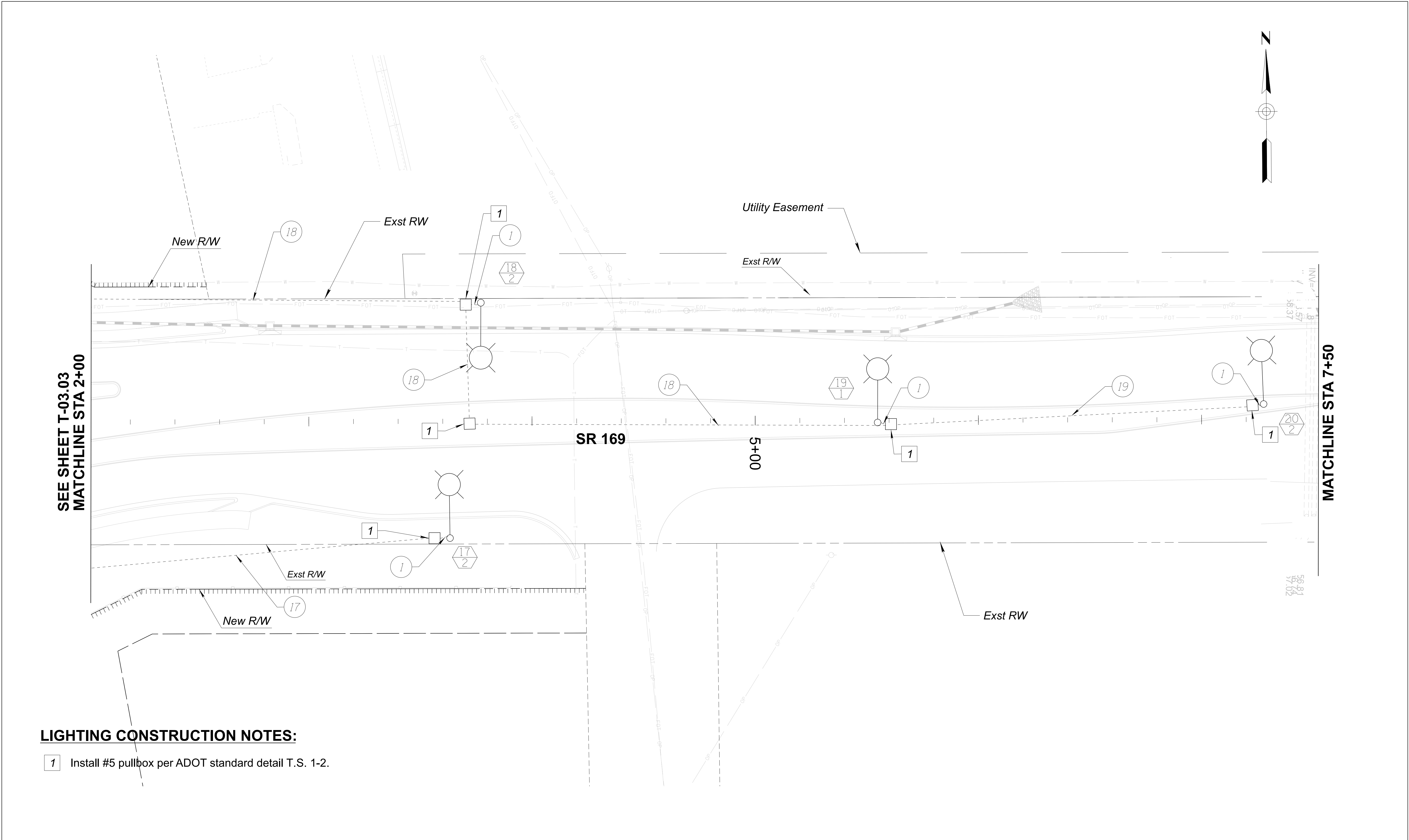
OF



LIGHTING CONSTRUCTION NOTES:

- 1 Install #5 pullbox per ADOT standard detail T.S. 1-2.

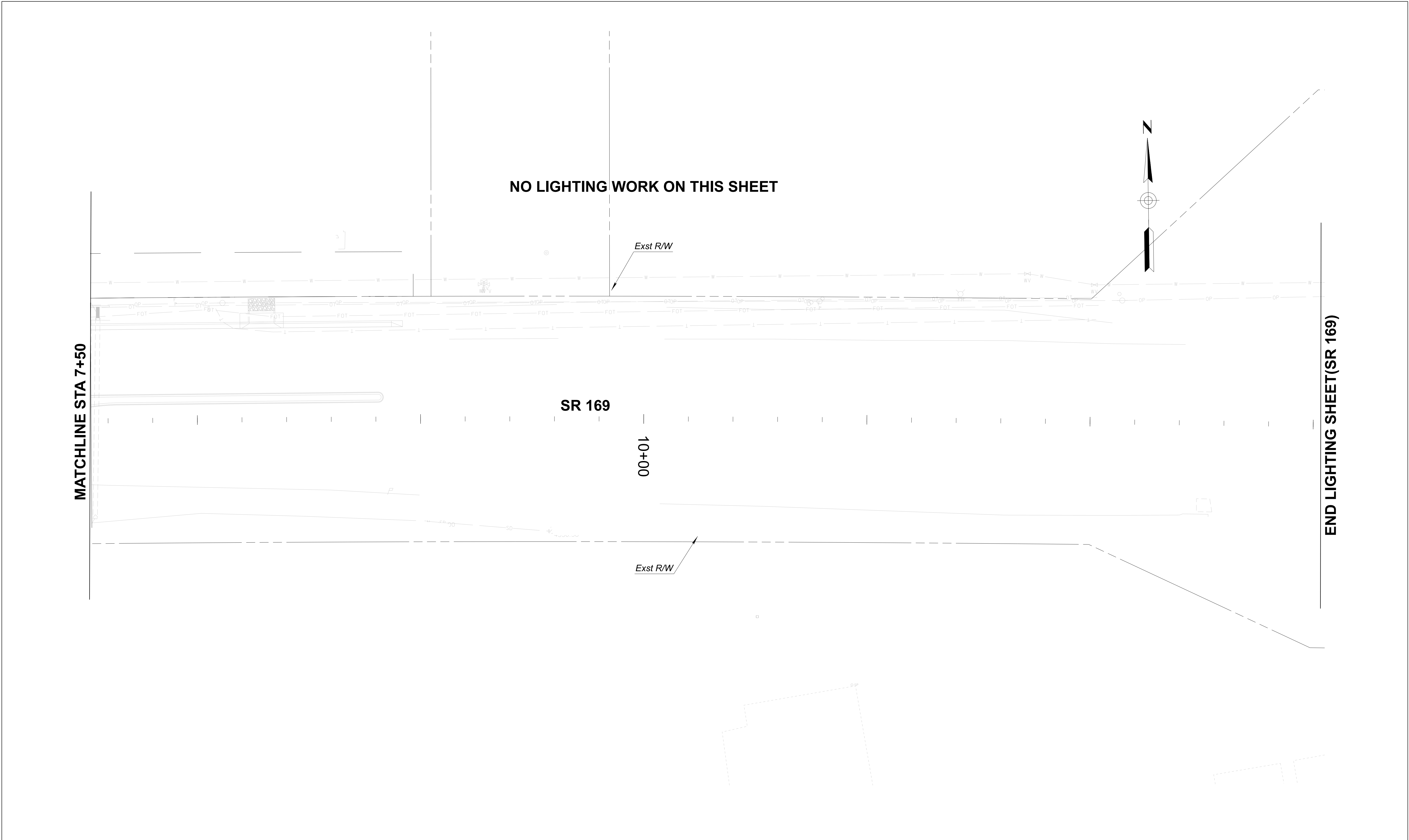
	DESIGN	C. MALLA	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DRAWN	C. MALLA	6/26		MILEPOST	SR 69 @ SR 169	ARIZ.	069 YV 280	069-A-NFA	114	126	
	CHECKED	A. MORENO	6/26		STRUCTURE NO.							
	 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel 1602 454-0402 Fax 1480 499-5565 www.aztecus.com				STATE ROUTE 69 SR 69-SR169 INTERSECTION ROADWAY LIGHTING		TRACS NO.		F0288 01C		DWG. No. T-03.04	
											___ OF ___	



LIGHTING CONSTRUCTION NOTES:

- 1 Install #5 pullbox per ADOT standard detail T.S. 1-2.

 AZTEC  TYPSA 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5565 www.aztecusa.com	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION			ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 115	TOTAL SHEETS 126	RECORD DRAWING
	DESIGN	C. MALLA	6/26											
	DRAWN	C. MALLA	6/26											
	CHECKED	A. MORENO	6/26	STATE ROUTE 69 SR 69-SR169 INTERSECTION ROADWAY LIGHTING			MILEPOST	LOCATION SR 69 @ SR 169					DWG. No. T-03.05	____ OF ____
							STRUCTURE NO.	TRACS NO. F0288 01C						



 AZTEC TYPSA 501 N 44th St, Suite 300 Phoenix, AZ 85008-4505 Tel: (602) 454-0402 Fax: (602) 459-5565 www.aztecus.com	<table><tr><td></td><td>NAME</td><td>DATE</td></tr><tr><td>DESIGN</td><td>C. MALLA</td><td>6/26</td></tr><tr><td>DRAWN</td><td>C. MALLA</td><td>6/26</td></tr><tr><td>CHECKED</td><td>A. MORENO</td><td>6/26</td></tr></table>		NAME	DATE	DESIGN	C. MALLA	6/26	DRAWN	C. MALLA	6/26	CHECKED	A. MORENO	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION STATE ROUTE 69 SR 69-SR169 INTERSECTION ROADWAY LIGHTING	<table><tr><td>ROUTE</td><td rowspan="2">F.H.W.A. Arizona Division</td><td>STATE</td><td>PROJECT NO.</td><td>FEDERAL ID NO.</td><td>SHEET NO.</td><td>TOTAL SHEETS</td><td>RECORD DRAWING</td></tr><tr><td>SR69</td><td>ARIZ.</td><td>069 YV 280</td><td>069-A-NFA</td><td>116</td><td>126</td><td></td></tr><tr><td>MILEPOST</td><td colspan="6">LOCATION</td><td rowspan="2">DWG. No. T-03.06</td></tr><tr><td>STRUCTURE NO.</td><td colspan="6">TRACS NO. F0288 01C</td></tr></table>	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	SR69	ARIZ.	069 YV 280	069-A-NFA	116	126		MILEPOST	LOCATION						DWG. No. T-03.06	STRUCTURE NO.	TRACS NO. F0288 01C					
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	DESIGN	C. MALLA	6/26																																										
	DRAWN	C. MALLA	6/26																																										
CHECKED	A. MORENO	6/26																																											
ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING																																						
SR69		ARIZ.	069 YV 280	069-A-NFA	116	126																																							
MILEPOST	LOCATION						DWG. No. T-03.06																																						
STRUCTURE NO.	TRACS NO. F0288 01C																																												
SR 69 @ SR 169																																													
OF																																													

ROADWAY LIGHTING POLE & LUMINAIRE SCHEDULE

POLE NO.	ROADWAY	STATION	OFFSET(FT)	CIRCUIT	POLE TYPE	MOUNTING HEIGHT	MAST ARM	FOUNDATION TYPE	LUMINAIRE TYPE	LUMINAIRE DIST. TYPE	LUMENS	MAINTENANCE UNIT NO.	NOTES
1	SR 69	4211+42	59.1 RT	2	TYPE G	33.5	10' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
2	SR 69	4212+67	43.1 LT	2	TYPE G	33.5	10' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
3	SR 69	4212+83	62.9 RT	1	TYPE G	33.5	10' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
4	SR 69	4214+09	58.6 RT	2	TYPE G	33.5	15' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
5	SR 169	1+40	78.4 RT	1	TYPE G	33.5	15' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
6	SR 69	4214+50	62.5 LT	1	TYPE G	33.5	15' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
7	SR 69	4215+38	102.5 LT	2	TYPE G	33.5	15' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
8	SR 169	1+82	53.0 LT	1	TYPE G	33.5	15' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
9	SR 69	4216+30	119.2 RT	2	TYPE G	33.5	15' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
10	SR 69	4216+24	76.2 LT	1	TYPE G	33.5	15' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
11	SR 69	4216+87	18.0 LT	2	TYPE G	33.5	15' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
12	SR 69	4218+55	78.7 RT	1	TYPE G	33.5	10' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
13	SR 69	4218+28	35.7 LT	1	TYPE G	33.5	10' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
14	SR 69	4220+44	65.9 LT	2	TYPE G	33.5	10' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
15	SR 69	4220+67	50.6 RT	2	TYPE G	33.5	10' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
16	SR 69	4222+44	54.8 LT	1	TYPE G	33.5	10' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
17	SR 169	3+63	52.3 RT	2	TYPE G	33.5	10' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
18	SR 169	3+77	53.1 LT	2	TYPE G	33.5	10' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
19	SR 169	5+55	1.0 RT	1	TYPE G	33.5	10' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		
20	SR 169	7+29	6.9 LT	2	TYPE G	33.5	10' Truss Style	TYPE II BREAKAWAY	LED	Type II	14600		

CONDUIT & CONDUCTOR SCHEDULE

[illegible]

T: TRENCHING

B: BORING

	NAME	DATE
DESIGN	C. MALLA	6/26
DRAWN	C. MALLA	6/26
CHECKED	A. MORENO	6/26




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 Tel (602) 454-0402
 Fax (480) 491-5565
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SECTION

POLE, CONDUIT & CONDUCTOR SCHEDULES

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
SR69		ARIZ.	069 YV 280	069-A-NFA	117	126	
MILEPOST	LOCATION SR 69 @ SR 169						DWG. No. T-03.07
STRUCTURE NO.	TRACS NO. F0288 01C						___ OF ___

CONTROL MEASURE INDEX SHEET (CMIS)

TO BE COMPLETED FOR PROJECTS WITH ONE (1) ACRE OR MORE OF SOIL/GROUND DISTURBANCE OUTSIDE OF JURISDICTIONAL WATERS OF THE U.S. (≥1 ACRE*)

* For projects that meet the definition of maintenance under AZPDES CGP, the permit threshold is five (≥ 5) acres. Consult with ADOT EP Water Resources Management to define Jurisdictional Waters of the U. S.

I. PROJECT DESCRIPTION

A. Owner Name and Address:

Arizona Department of Transportation
205 South 17th Avenue
Phoenix, Arizona 85007-3213

B. Project TRACS Number: F0288 01C

C. Project Name/Location (be consistent with the
plan set cover sheet): SR 69 @ SR 169 Roundabout,
Located at the Intersection of SR 69 and SR
169.

City: Dewey County: Yavapai

Beginning Latitude (NAD 83): 34° 31' 41"

Beginning Longitude (NAD 83): 112° 14' 29"

Ending Latitude (NAD 83): 34° 31' 51"

Ending Longitude (NAD 83): 112° 14' 33"

To obtain the project latitude/longitude data, refer to the
Flash Earth web link below (Bing Maps with labels):

http://www.flashearth.com/

D. Project Description: This Project is to Install a New
Roundabout at the SR 69 and SR 169
Intersection. New Granite Mulch and Permanent
Erosion Control Measures will be Installed as
well.

II. HYDROLOGIC INFORMATION

A. Percentage of the site that is impervious before
and after construction:

Percentage before Construction: 37%

Percentage after Construction: 39%

B. Receiving Water(s), refer to the plan set cover sheet and
the NHD Plus HR Availability Map Web Link below:

https://usgs.maps.arcgis.com/apps/MapTools/index.html?appid=41a5c2ca49bd4a83b239450e61022d53

(If unnamed, state as unnamed)

Agua Fria River

III. SOIL STABILIZATION MEASURES

All disturbed soil, which will not be paved, ripped or otherwise covered
to prevent erosion, will be revegetated and/or landscaped in accordance with
the project plans and specifications.

IV. MEASURES TO CONTROL STORMWATER AND AIR QUALITY

A. Temporary Stormwater and Air Quality Control Measures (CMs) / Best
Management Practices (BMPs)

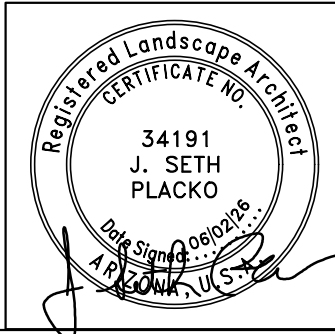
- Temporary Diversion Dikes
Temporary Rock Check Dams
Stabilized Construction Entrance/Exit Gravel Pad
Soil Stabilizer for Wind Erosion and Dust Control
Rock Inlet/Outlet Protection
Sediment Control Berms
Silt Fences
Wattles (Excelsior/Straw/Compost)
Excelsior Logs / Sediment Logs
Erosion Control Mattings
Seeding (Class II with final mulch cover)
Gravelbag
Catch Basin Temporary Fabric Filter
Designated Washout Areas
Protected Chemical and Material Storage Area
Equipment Maintenance Procedures
Others Describe: Curb Inlet Protection

B. Permanent and Post-construction Stormwater and Air Quality
Control Measures (CMs) / Best ManagementPractices (BMPs):

- Crown Ditch/Dike
Rock Protection
Rock Riprap Channel Lining
Sediment Basin
Embankment Curb
Spillways
Downdrains
Minibenching
Solid Waste Management
**Rock-filled Stormwater Infiltration CM/BMP as Infiltration
Basin and/or Trench
**Filtration Structures
**Infiltration Basin and/or Trench
**Retention and/or Detention Basins
**Bioretention
**Manufactured Treatment Devices
Seeding established as a perennial vegetative cover with a density of
70% of the native background vegetative cover.
Others Describe: Granite Mulch (1-1/4 Inch Minus)

** Track and report to ADOT EP Water Resources Management:

ADOTWater@azdot.gov



ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
ROADSIDE DEVELOPMENT SECTION
STATE ROUTE 69
SR 69 - SR 169 INTERSECTION
CONTROL MEASURE INDEX SHEET

ROUTE SR69	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
MILEPOST		ARIZ.	069 YV 280	069-A-NFA	118	126	
	LOCATION SR 69 @ SR 169						DWG. No. EC-01.01
STRUCTURE NO.	TRACS NO. F0288 01C						___ OF ___

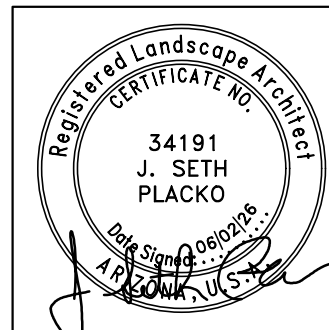
EROSION CONTROL TYPE INSTALLATION & QUANTITY

[illegible]

SW = Sediment Wattle
RP = Headwall Rock Protection
SD = Storm Drain Protection
IP = Curb Inlet Protection
CE = Construction Entrance

1. The placement of all Erosion Control Devices listed above may be subject to change and may be adjusted by the Engineer.
2. The contractor shall monitor/maintain all "Control Measures" during any shutdown period.
3. Quantities represent both permanent and temporary "Control Measure".

RP	Reference letters 'RP' correspond to the type of
E2	Installation. 'E2' corresponds to the plan detail number.



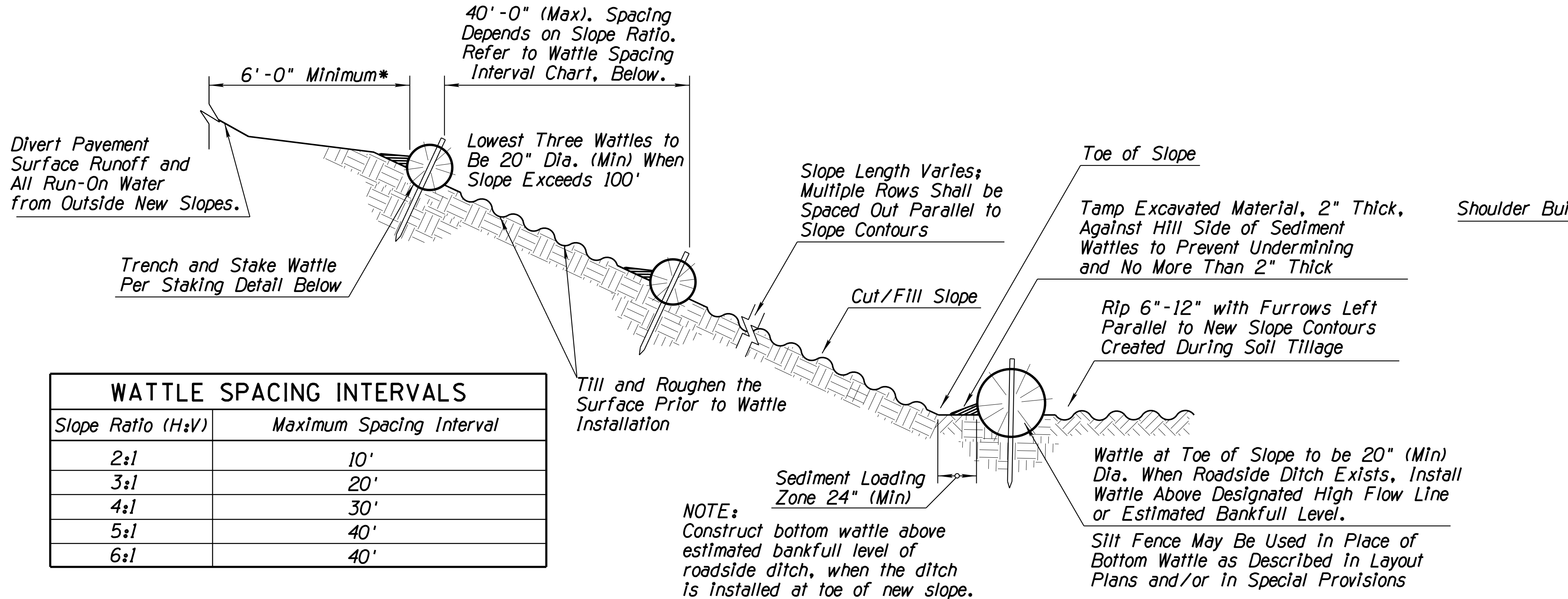
	NAME	DATE
DESIGN	E. NICHOLS	6/26
DRAWN	J.WOTRING	6/26
CHECKED	S. PLACKO	6/26



ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
ROADSIDE DEVELOPMENT SECTION

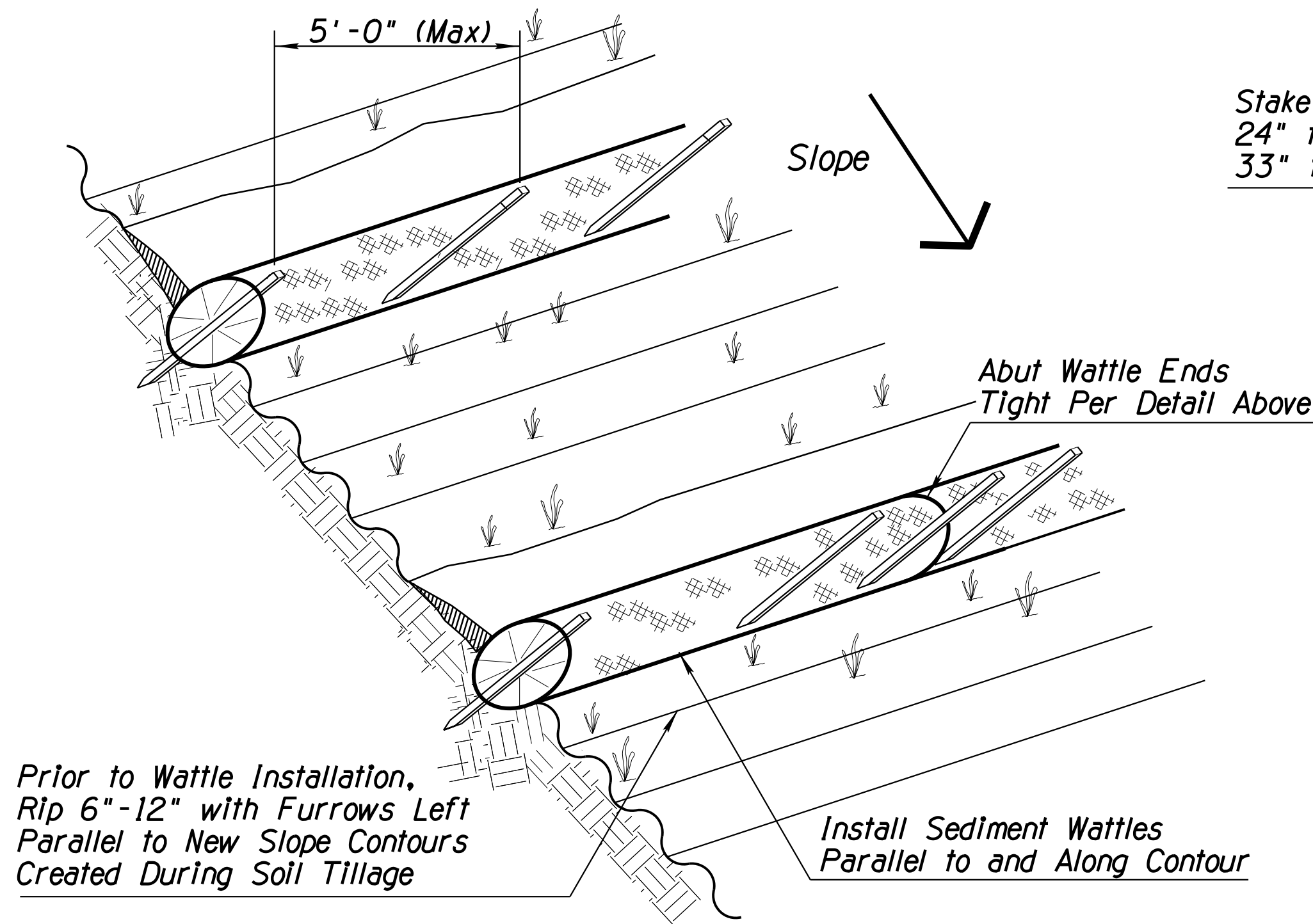
STATE ROUTE 69 SR 69 - SR 169 INTERSECTION EROSION CONTROL SUMMARY SHEET

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
SR69		ARIZ.	069 YV 280	069-A-NFA	119	126	
MILEPOST	LOCATION SR 69 @ SR 169						DWG. No. EC-01.02
STRUCTURE NO.	TRACS NO. F0288 01C					___ OF ___	

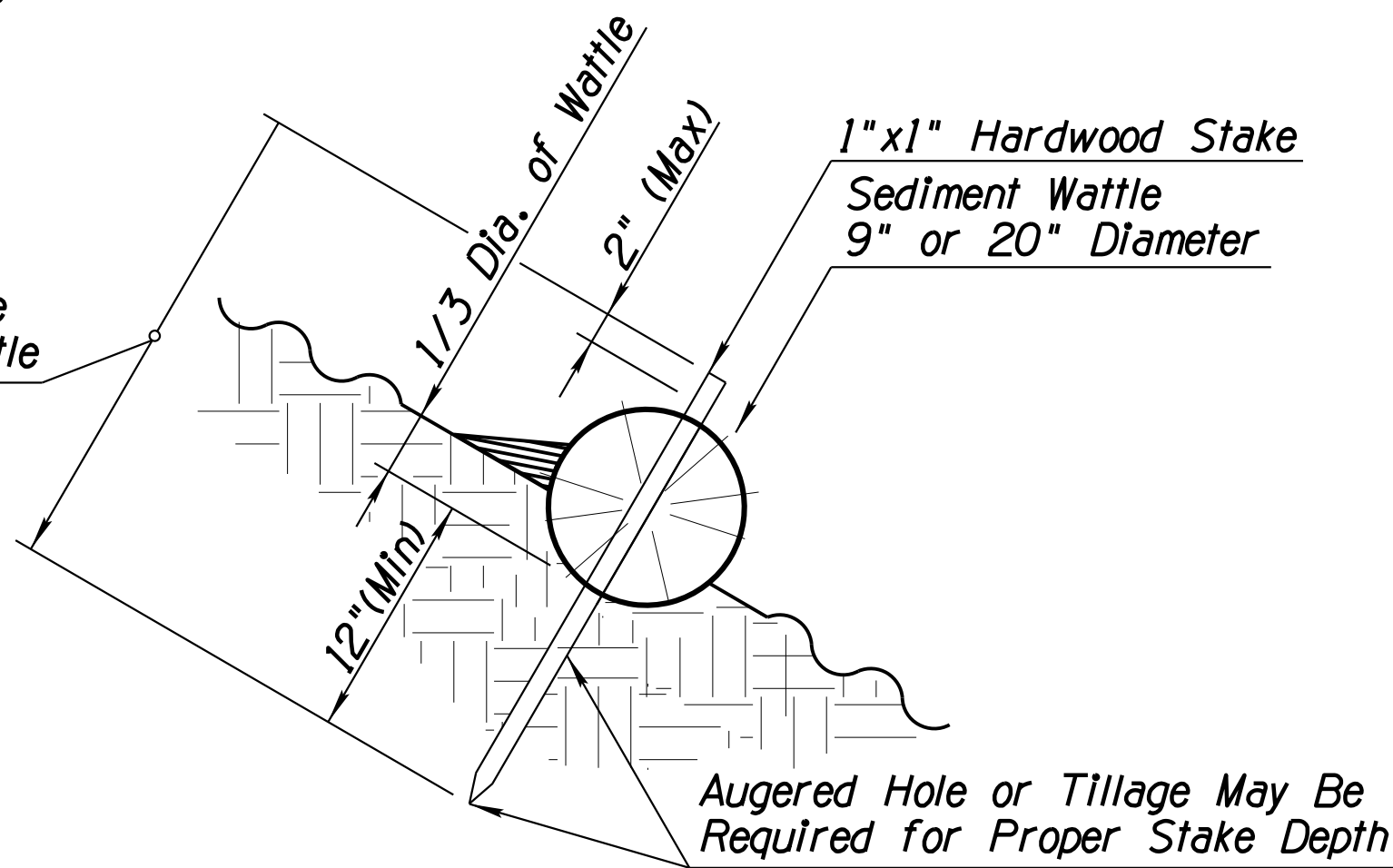


WATTLE SPACING INTERVALS	
Slope Ratio (H:V)	Maximum Spacing Interval
2:1	10'
3:1	20'
4:1	30'
5:1	40'
6:1	40'

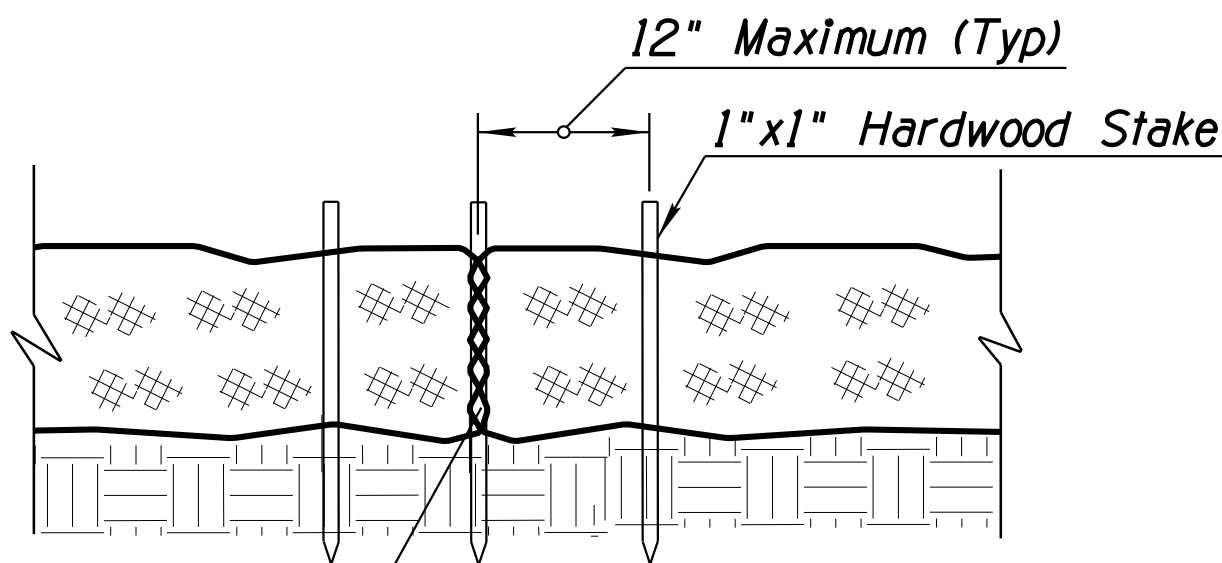
SECTION (NTS)



SEDIMENT WATTLE LAYOUT (NTS)

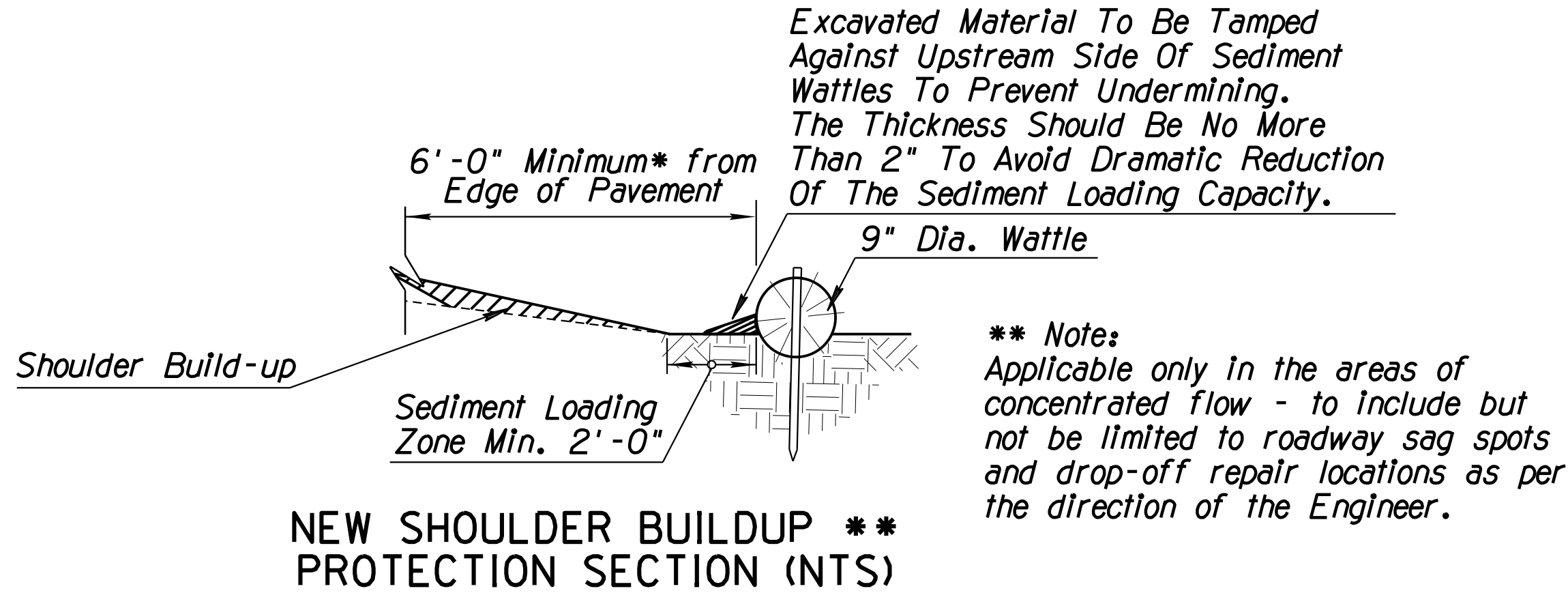


SEDIMENT WATTLE STAKING DETAIL (NTS)



SEDIMENT WATTLE OVERLAP (NTS)

Abut Wattle Ends Tight, No Gaps. Wood Stake to Penetrate Netting Only.



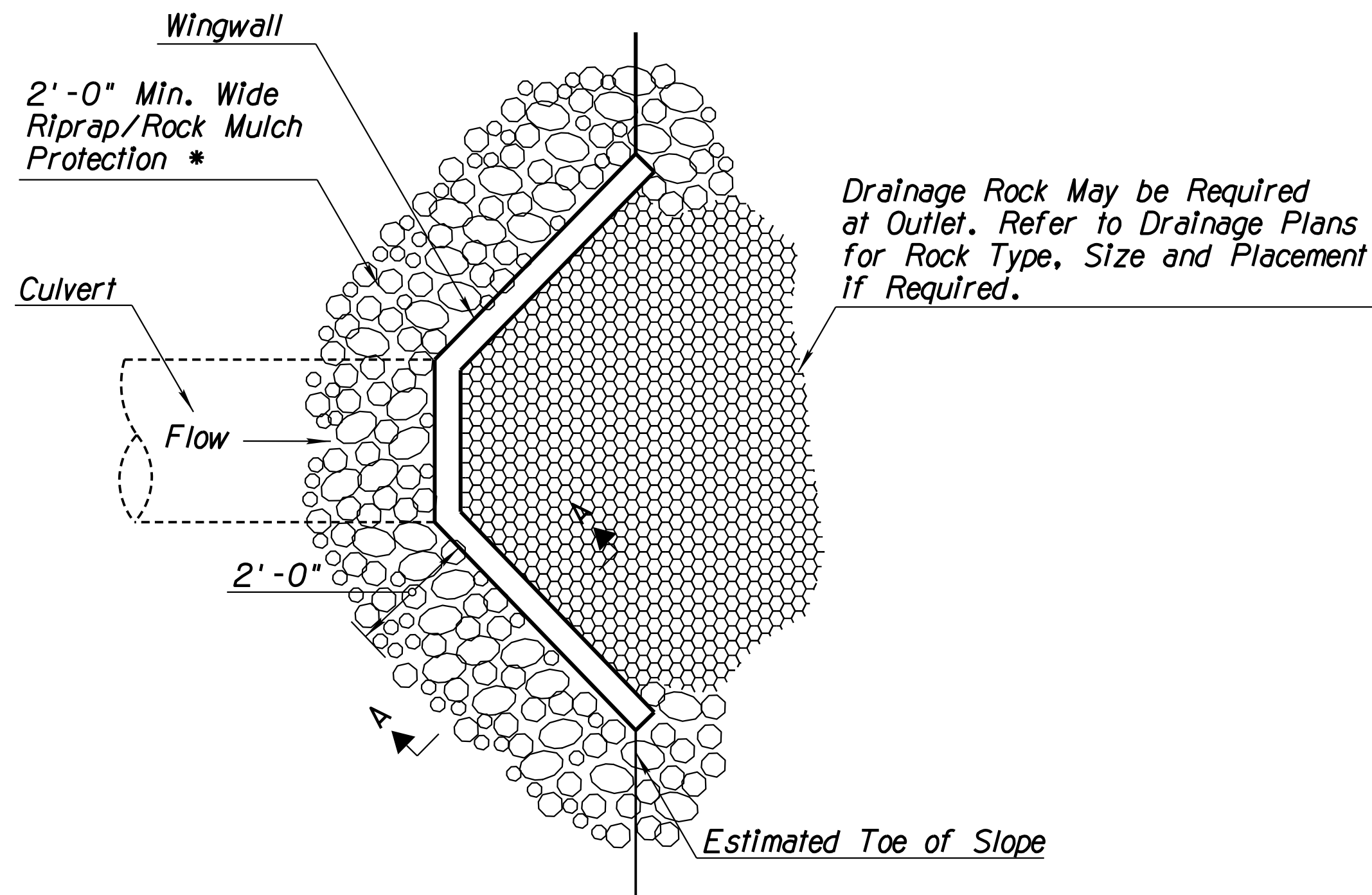
NOTES:

1. Install Sediment Wattles as slopes are constructed to grade or as directed by the Engineer. Select, install and maintain in conformance with manufacturers' specifications to meet site conditions for slope protection and in accordance with good engineering practices. No Sediment Wattles shall be installed in urban freeway medians, nor where cable barrier systems are employed.
2. Sediment Wattles shall be in continuous contact with trench bottom and sides. Do not overlap wattle ends on top of each other. A 20" Dia. wattle may be made from 2-3 rolled excelsior or straw blankets.
3. Butt adjoining wattles tightly against each other. Drive the first end stake of the second wattle at an angle toward the first wattle to help abut them tightly.
4. Repair any rills or gullies promptly. Make field adjustments and corrections of Wattle CM/BMP immediately if it is causing flooding, erosion, and/or affecting roadway safety.
5. Construction of cut slopes 2:1 and steeper in soil and rock materials that can be ripped shall be constructed, whenever possible, by Minibenching. Refer to Slope Minibenching CM/BMP Detail.
6. Loosening surface soil is not required where Minibenching are used. For seeded areas, tillage shall be performed to form minor ridges and furrows parallel to new slope contours and as specified in Section 805 of the Specifications and project special provisions.
7. Divert and direct run-on water from outside of the slopes to the spillways and/or rock riprap/rock mulch. Diversion dikes and/or ditches are necessary on natural undisturbed slopes beyond the top limits of new slopes to divert run-on water.
8. Installation and maintenance of Sediment Wattle CMs/BMPs shall not negatively impact traffic safety, nor the designed function of roadway or bridge drainage facilities.
9. Install and maintain Sediment Wattle CMs/BMPs to carry the stormwater of at least 2-year, 24-hour events.
10. The Sediment Wattle CM/BMP's pay/bid item shall include all materials used for this CM/BMP: all ground preparation, furnishing, installing, maintenance, final removal, and disposal of this temporary CM/BMP, as well as returning the area to an acceptable condition as approved by the Engineer.
11. Refer to Specification Section 810-2.06(C) for Sediment Wattle material specifications.
12. Make field adjustments and corrections to ensure NO sensitive biological resources (native species/habitats) will be adversely impacted.

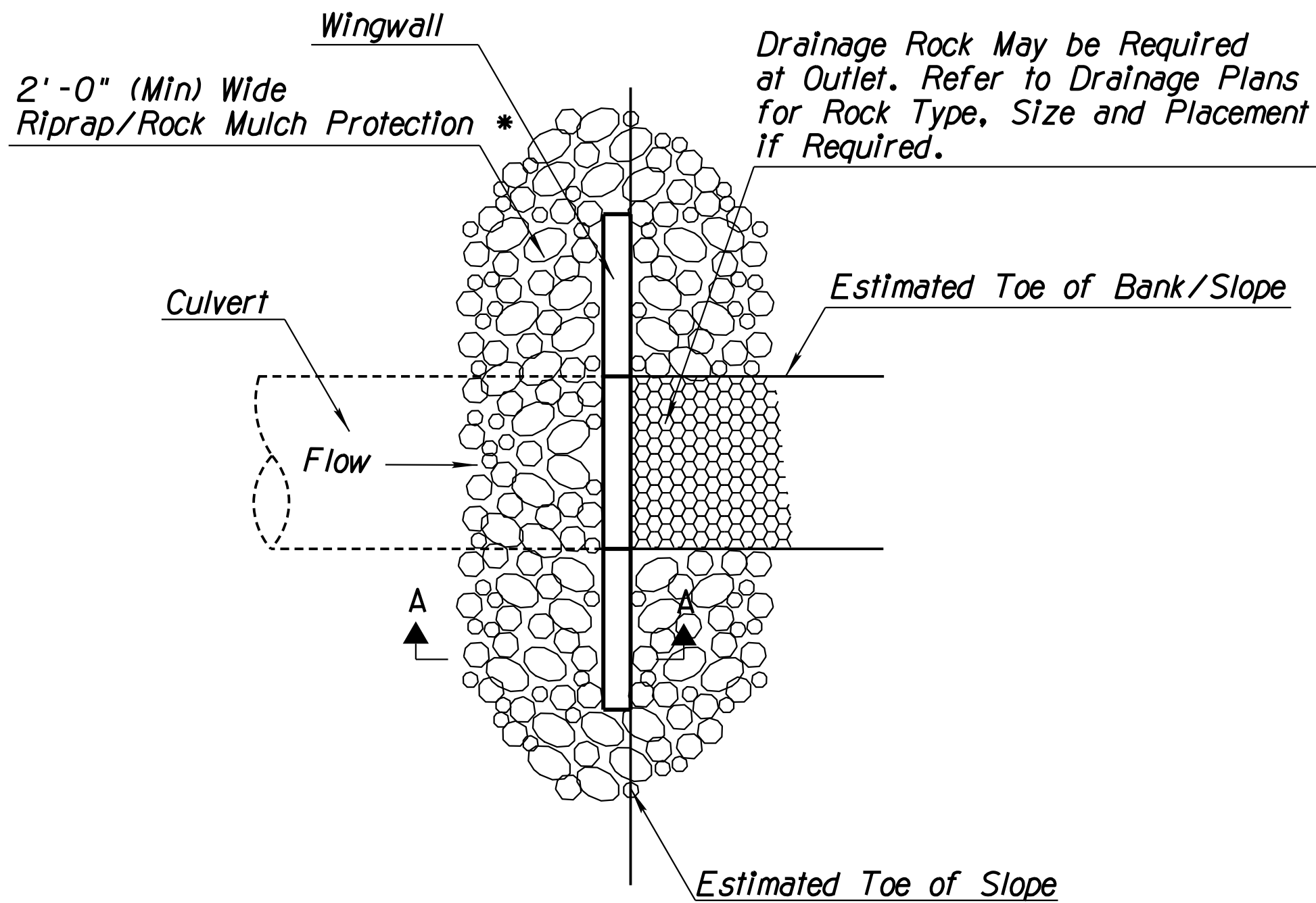
SW
E1

DETAIL E1
SEDIMENT WATTLE NTS

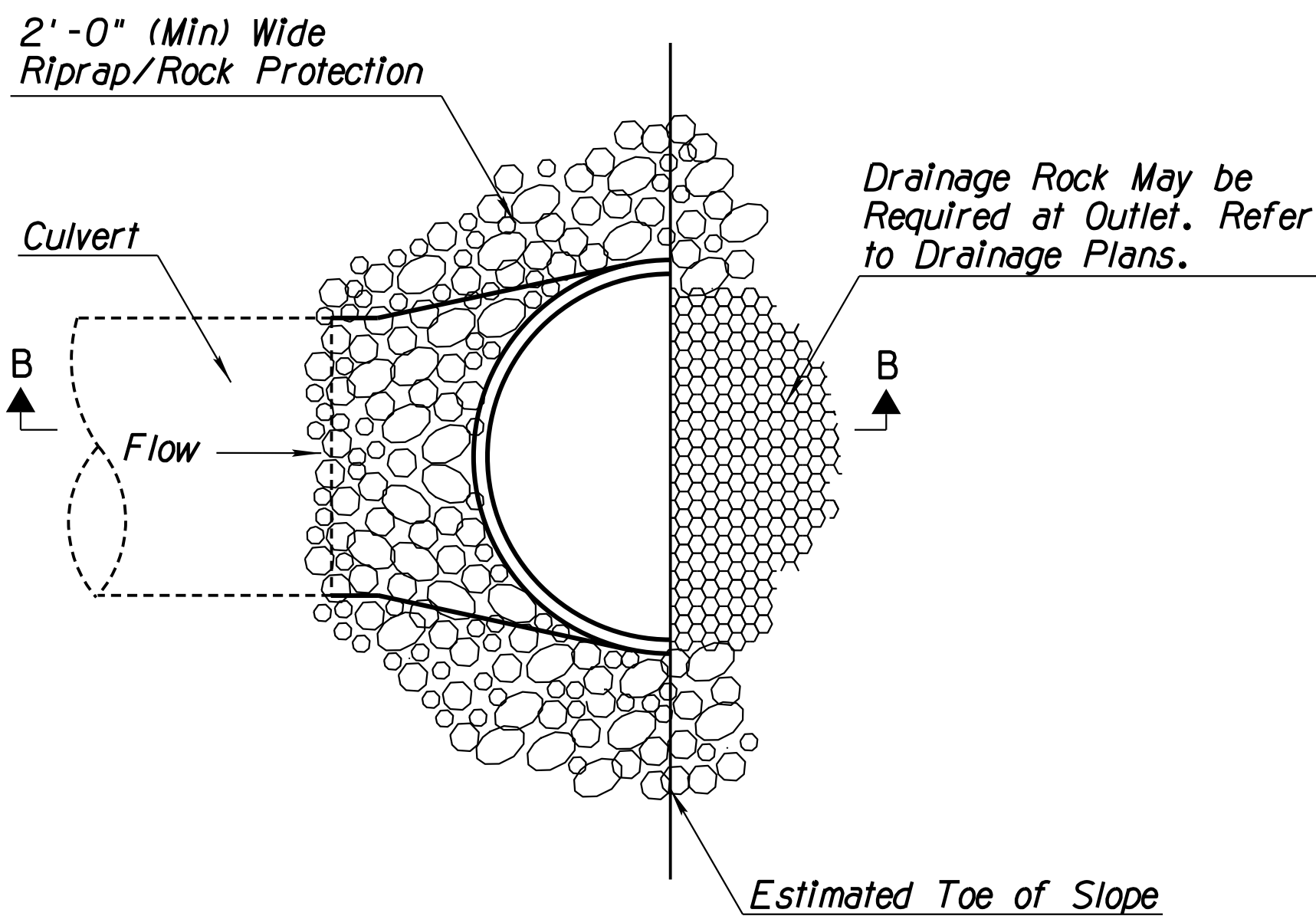
Registered Landscape Architect CERTIFICATE NO. 34191 J. SETH PLACKO State of Arizona Professional Seal		NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADSIDE DEVELOPMENT SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING			
	DESIGN	E. NICHOLS	6/26		SR69		ARIZ.	069 YV 280	069-A-NFA	120	126				
	DRAWN	J.WOTRING	6/26		MILEPOST		LOCATIONSR 69 @ SR 169							DWG. No.	EC-02.01
	CHECKED	S. PLACKO	6/26	STRUCTURE NO.	TRACS NO. F0288 01C							____ OF ____			
Design 4648 E COTTON GIN LOOP B2 PHOENIX, AZ 85044-9221				EROSION CONTROL DETAIL DETAIL E1											



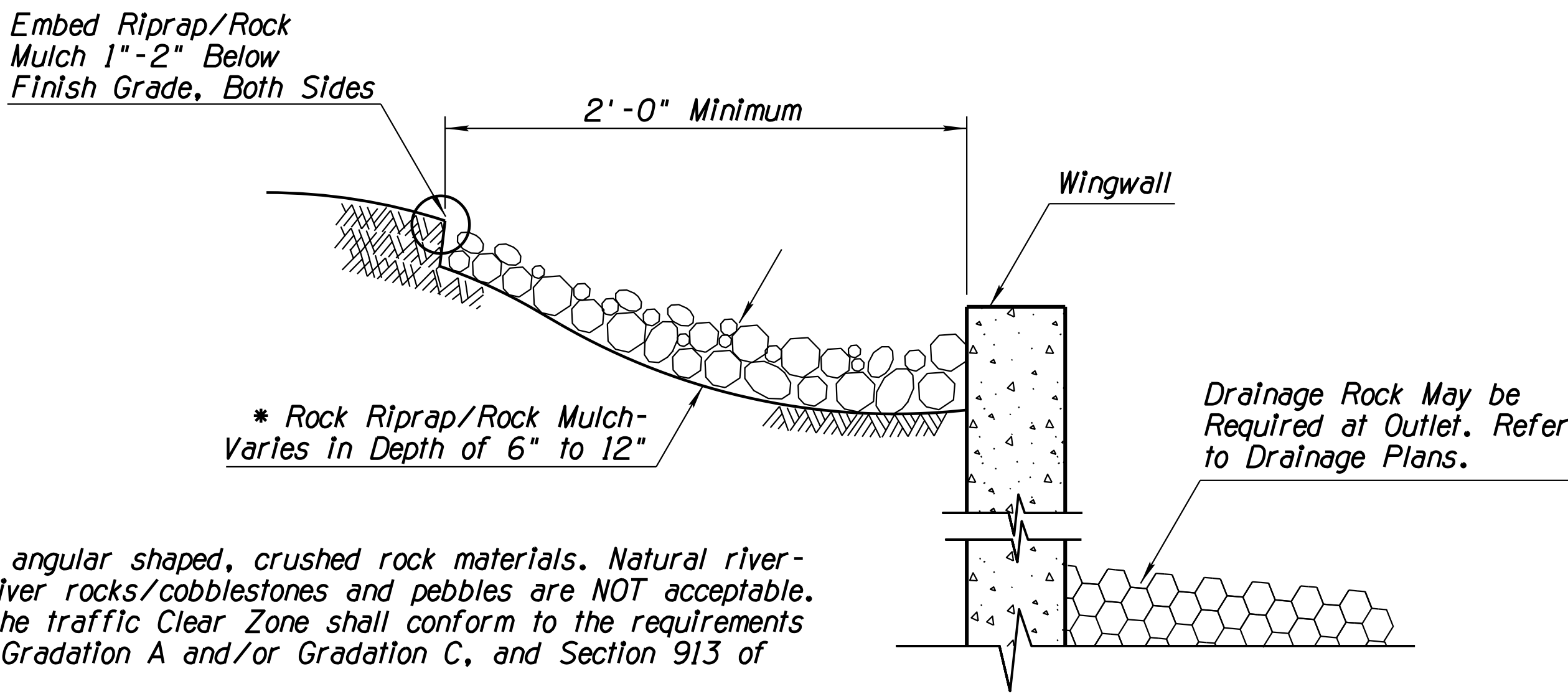
ANGLED HEADWALL
PLAN VIEW (NTS)



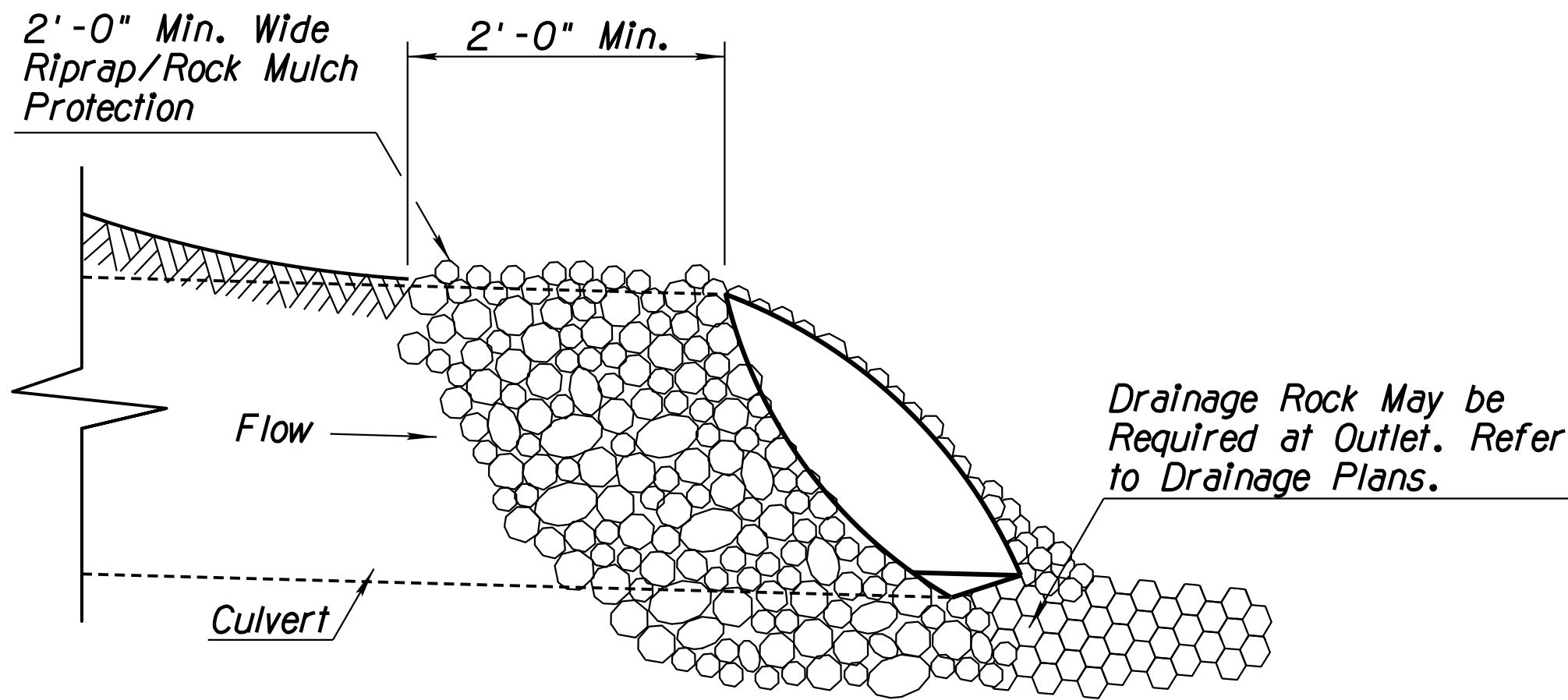
FLUSH HEADWALL
PLAN VIEW (NTS)



FLARED END
PLAN VIEW (NTS)



WINGWALL
SECTION A-A (NTS)



FLARED END
SECTION B-B (NTS)

NOTES:

1. Rock Riprap/Rock Much shall be angular shaped, crushed rock materials. Natural river-run materials such as rounded river rocks/cobblestones and pebbles are NOT acceptable.
2. Rock Riprap/Rock Mulch within the traffic Clear Zone shall conform to the requirements of Section 810-2.03 Sieve Size Gradation A and/or Gradation C, and Section 913 of the Specifications.
3. Embed rock within traffic recovery area/clear zone into the finished grade so that any portion of the rock above the grade will be less than 4" in height.
4. The installation and maintenance of Rock Protection CMs/BMPs shall not negatively impact traffic safety, nor the designed function of roadway or bridge drainage facilities. Rock Protection CMs/BMPs shall be installed and maintained to carry the stormwater of at least 2-year, 24-hour events.
5. Make field adjustments and corrections of Rock Protection CM/BMP immediately if it is causing flooding, erosion, and/or affecting roadway safety.
6. The Rock Protection CM/BMP's pay/bid item shall include all materials used for this CM/BMP: all ground preparation, furnishing, installing, maintaining as well as returning the area to an acceptable condition as approved by the Engineer.
7. Make field adjustments and corrections to ensure NO sensitive biological resources (native species/habitats) will be adversely impacted.

* Rock protection shall be installed behind applicable box culvert headwall/wingwall where called out in the plans and approved by the Engineer.

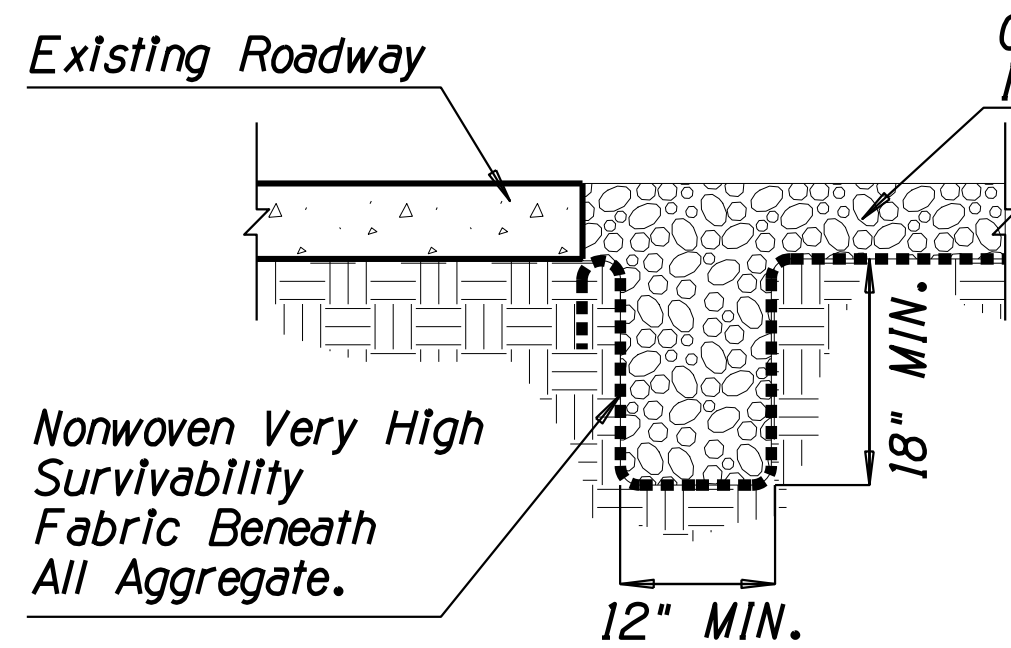
RP
E2

DETAIL E2

NTS

HEADWALL ROCK PROTECTION

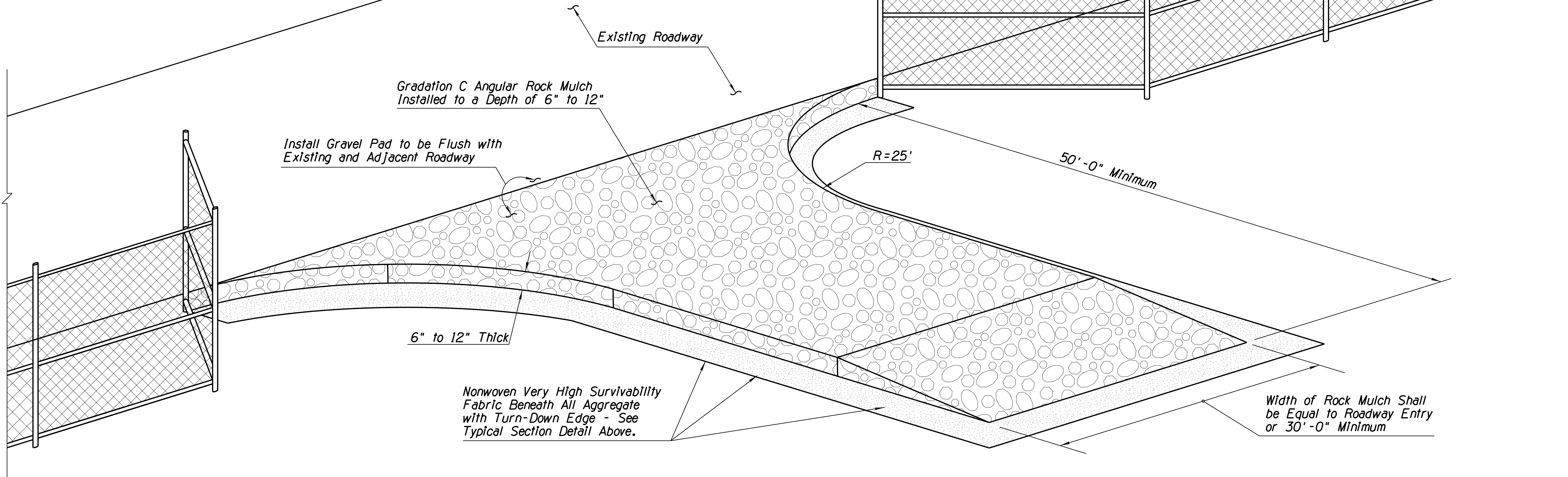
	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADSIDE DEVELOPMENT SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING			
	DESIGN		E. NICHOLS		6/26		SR69	ARIZ.	069 YV 280	069-A-NFA	121		126		
	DRAWN		J.WOTRING		6/26		MILEPOST	LOCATION SR 69 @ SR 169						DWG. No. EC-02.02	
	CHECKED		6/26		STRUCTURE NO.		TRACS NO. F0288 01C						___ OF ___		
			 4649 E COTTON GIN LOOP B2 PHOENIX, AZ 85043 602.438.2221				EROSION CONTROL DETAIL DETAIL E2								



EDGE TREATMENT TRENCHING
TYPICAL SECTION (NTS)

NOTES 11:

1. Install nonwoven fabric when water is applied for construction vehicle/equipment cleaning on Gravel Pad.
2. Edge treatment trenching and nonwoven fabric shall not be required if NO wash water is used for vehicle/equipment cleaning.
3. The depth of Gravel Pad varies from 6" to 12" based on the necessities of construction vehicle/equipment as per the approval of the Engineer.



BIRD'S EYE VIEW (NTS)

NOTES 1:

1. Install Stabilized Construction Entrance/Exit Gravel Pad CM/BMP for traffic entering or exiting a construction site where sedimentation, clay, silt or other pollutants can be tracked onto public roads and/or adjacent water bodies, as approved by the Engineer. It may also be applied for construction entrance/exit wind erosion/dust control, as approved by the Engineer.
2. Locate new Construction Entrance(s)/Exit(s) at appropriate project entrance/exit points as determined in field with the approval of the Engineer. Relocate Stabilized Construction Entrance/Exit Gravel Pad CM/BMP as needed as project progresses. Replace Rock Mulch materials in drive paths when dirt or mud accumulates.
3. Nonwoven Very High Survivability Fabric shall conform to the standards of Sub-section 1014-4.04 of the Specifications.
4. Rock Mulch materials shall be fractured/crushed rocks in angular shape and as defined in the Sub-section 810-2.03 of the Specifications. Natural river-run materials, especially rounded natural river rocks are not acceptable.
5. Make field adjustments and corrections of Construction Entrance/Exit Gravel Pad CM/BMP immediately if it is causing flooding and/or affecting roadway safety.
6. When paid separately, the Stabilized Construction Entrance/Exit Gravel Pad CM/BMP's pay/bid item shall include all materials used for this CM/BMP: all ground preparation, furnishing, installing, final removal, and disposal of this temporary CM/BMP, as well as returning the area to an acceptable condition as approved by the Engineer.
7. * Fence/barricade pay/bid item shall not be included as a component of the Stabilized Construction Entrance/Exit Gravel Pad CM/BMP pay/bid item.
8. Make field adjustments and corrections to ensure NO sensitive biological resources (native species/habitats) will be adversely impacted.

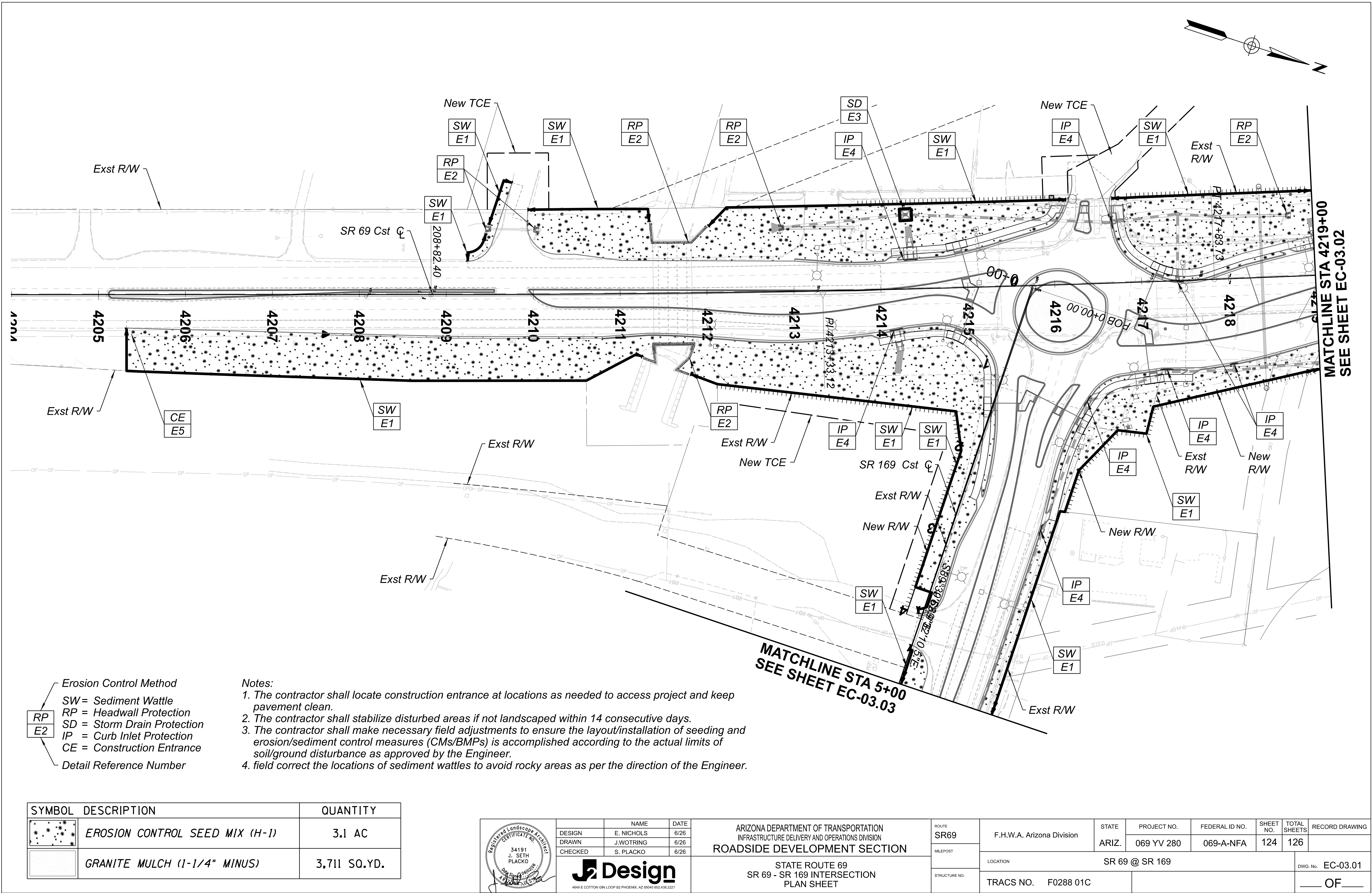
CE
E5
DETAIL E5 NTS
STABILIZED CONSTRUCTION
ENTRANCE /EXIT GRAVEL PAD



	NAME	DATE
DESIGN	E. NICHOLS	6/26
DRAWN	J. WOTRING	6/26
CHECKED	S. PLACKO	6/26

J Design
4649 E COTTON GIN LOOP 92 PHOENIX, AZ 85040 922-438-2221

ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADSIDE DEVELOPMENT SECTION		ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 123	TOTAL SHEETS 126	RECORD DRAWING
EROSION CONTROL DETAIL DETAIL E5		MILEPOST	LOCATION SR 69 @ SR 169			DWG. No. EC-02.04			
		STRUCTURE NO.	TRACS NO. F0288 01C			___ OF ___			



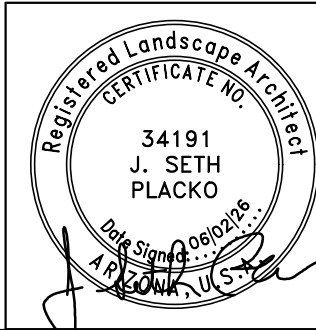
Erosion Control Method

SW = Sediment Wattle
RP = Headwall Protection
SD = Storm Drain Protection
IP = Curb Inlet Protection
CE = Construction Entrance

Detail Reference Number

- Notes:
1. The contractor shall locate construction entrance at locations as needed to access project and keep pavement clean.
 2. The contractor shall stabilize disturbed areas if not landscaped within 14 consecutive days.
 3. The contractor shall make necessary field adjustments to ensure the layout/installation of seeding and erosion/sediment control measures (CMs/BMPs) is accomplished according to the actual limits of soil/ground disturbance as approved by the Engineer.
 4. field correct the locations of sediment wattles to avoid rocky areas as per the direction of the Engineer.

SYMBOL	DESCRIPTION	QUANTITY
	<i>EROSION CONTROL SEED MIX (H-1)</i>	3.1 AC



	NAME	DATE
DESIGN	E. NICHOLS	6/26
DRAWN	J. WOTRING	6/26
CHECKED	S. PLACKO	6/26

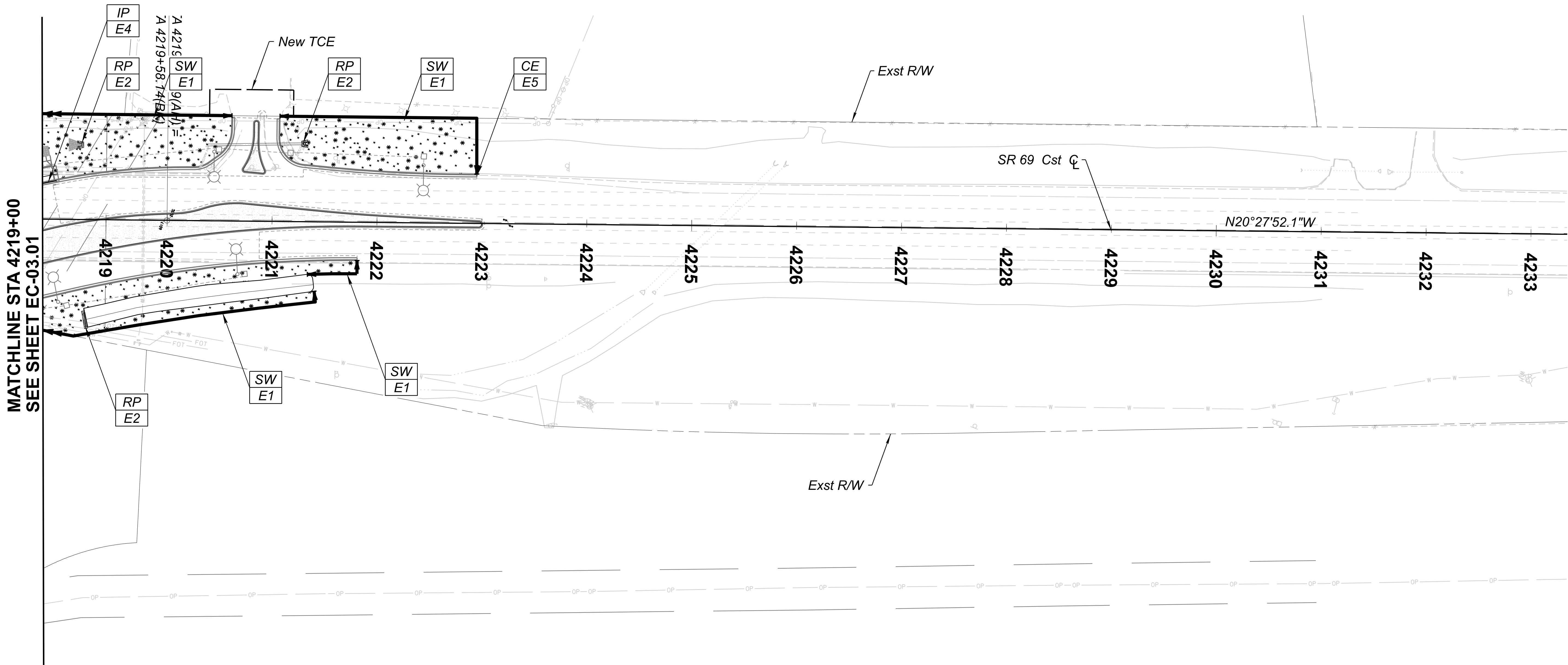
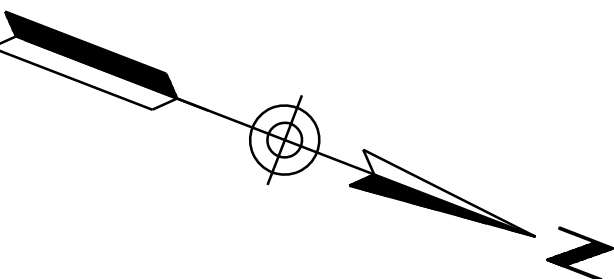
J Design

4649 E COTTON GIN LOOP 92 PHOENIX, AZ 85040 922-439-2221

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
ROADSIDE DEVELOPMENT SECTION

STATE ROUTE 69
SR 69 - SR 169 INTERSECTION
PLAN SHEET

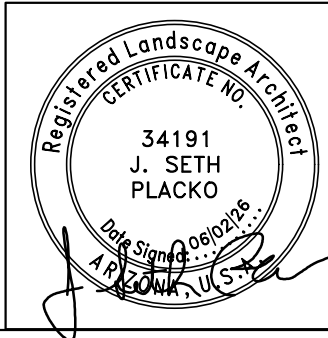
ROUTE SR69	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
MILEPOST		ARIZ.	069 YV 280	069-A-NFA	124	126	
STRUCTURE NO.	LOCATION SR 69 @ SR 169						DWG. No. EC-03.01
	TRACS NO. F0288 01C			____ OF ____			



- Erosion Control Method
- SW = Sediment Wattle
 - RP = Headwall Protection
 - SD = Storm Drain Protection
 - IP = Curb Inlet Protection
 - CE = Construction Entrance
- Detail Reference Number

- Notes:
1. The contractor shall locate construction entrance at locations as needed to access project and keep pavement clean.
 2. The contractor shall stabilize disturbed areas if not landscaped within 14 consecutive days.
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 4. field correct the locations of sediment wattles to avoid rocky areas as per the direction of the Engineer.

SYMBOL	DESCRIPTION	QUANTITY
	<i>EROSION CONTROL SEED MIX (H-1)</i>	0.5 AC
	<i>GRANITE MULCH (1-1/4" MINUS)</i>	751 SQ.YD.



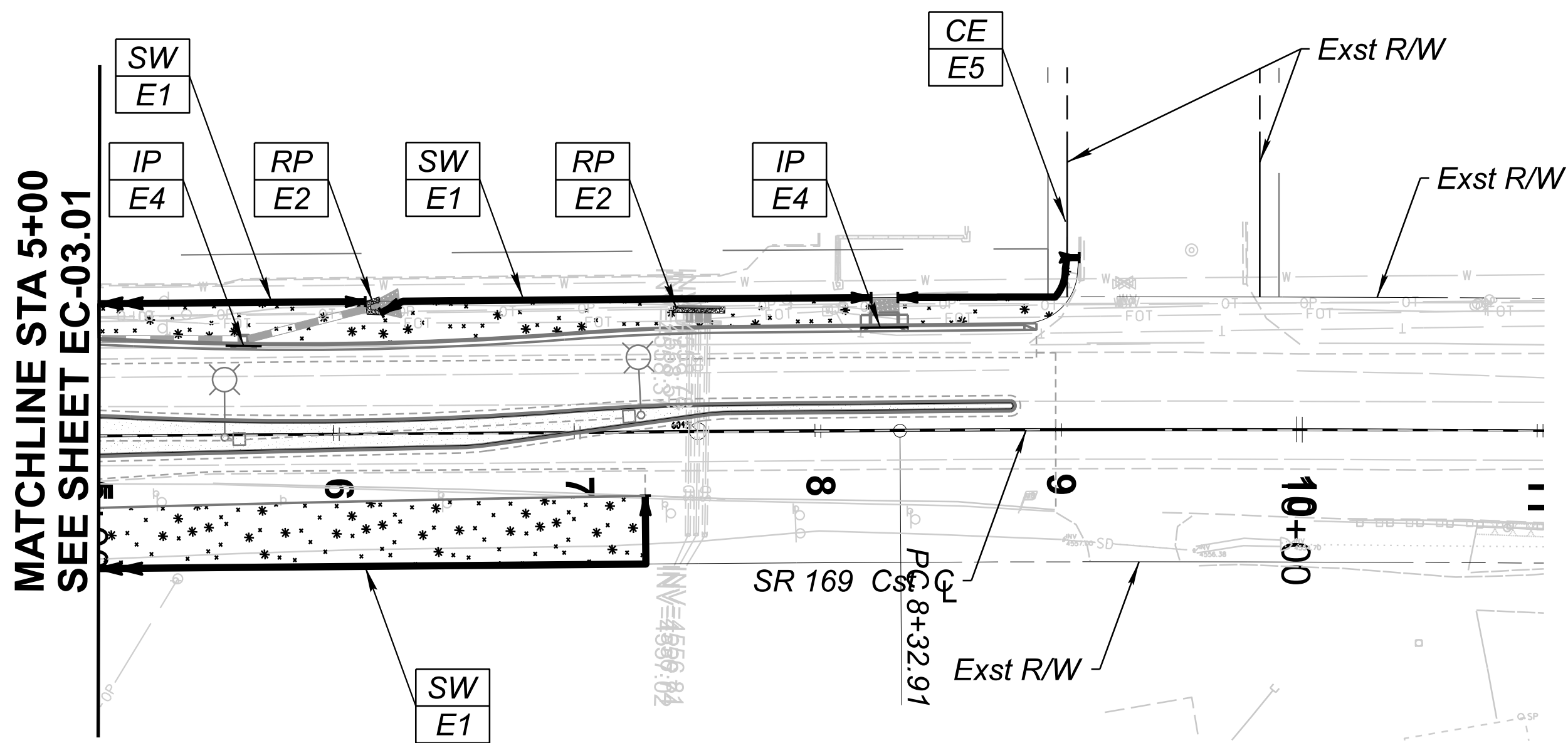
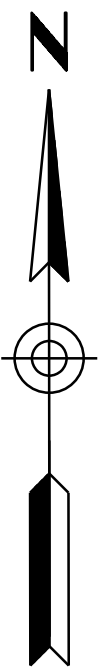
	NAME	DATE
DESIGN	E. NICHOLS	6/26
DRAWN	J. WOTRING	6/26
CHECKED	S. PLACKO	6/26

J Design

4649 E COTTON GIN LOOP B2 PHOENIX, AZ 85040 922.439.2221

ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADSIDE DEVELOPMENT SECTION
STATE ROUTE 69 SR 69 - SR 169 INTERSECTION PLAN SHEET

ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 125	TOTAL SHEETS 126	RECORD DRAWING
MILEPOST	SR 69 @ SR 169					DWG. No.	EC-03.02
STRUCTURE NO.	TRACS NO. F0288 01C					OF	



Erosion Control Method

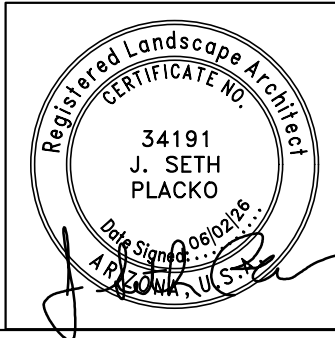
SW = Sediment Wattle
RP = Headwall Protection
SD = Storm Drain Protection
IP = Curb Inlet Protection
CE = Construction Entrance

Detail Reference Number

RP
E2

- Notes:
1. The contractor shall locate construction entrance at locations as needed to access project and keep pavement clean.
 2. The contractor shall stabilize disturbed areas if not landscaped within 14 consecutive days.
 3. The contractor shall make necessary field adjustments to ensure the layout/installation of seeding and erosion/sediment control measures (CMs/BMPs) is accomplished according to the actual limits of soil/ground disturbance as approved by the Engineer.
 4. field correct the locations of sediment wattles to avoid rocky areas as per the direction of the Engineer.

SYMBOL	DESCRIPTION	QUANTITY
	<i>EROSION CONTROL SEED MIX (H-1)</i>	0.3 AC
		



	NAME	DATE
DESIGN	E. NICHOLS	6/26
DRAWN	J. WOTRING	6/26
CHECKED	S. PLACKO	6/26

J Design

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ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADSIDE DEVELOPMENT SECTION		ROUTE SR69	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 069 YV 280	FEDERAL ID NO. 069-A-NFA	SHEET NO. 126	TOTAL SHEETS 126	RECORD DRAWING
STATE ROUTE 69 SR 69 - SR 169 INTERSECTION PLAN SHEET		MILEPOST	SR 69 @ SR 169						DWG. No. EC-03.03
		STRUCTURE NO.	TRACS NO. F0288 01C						___ OF ___