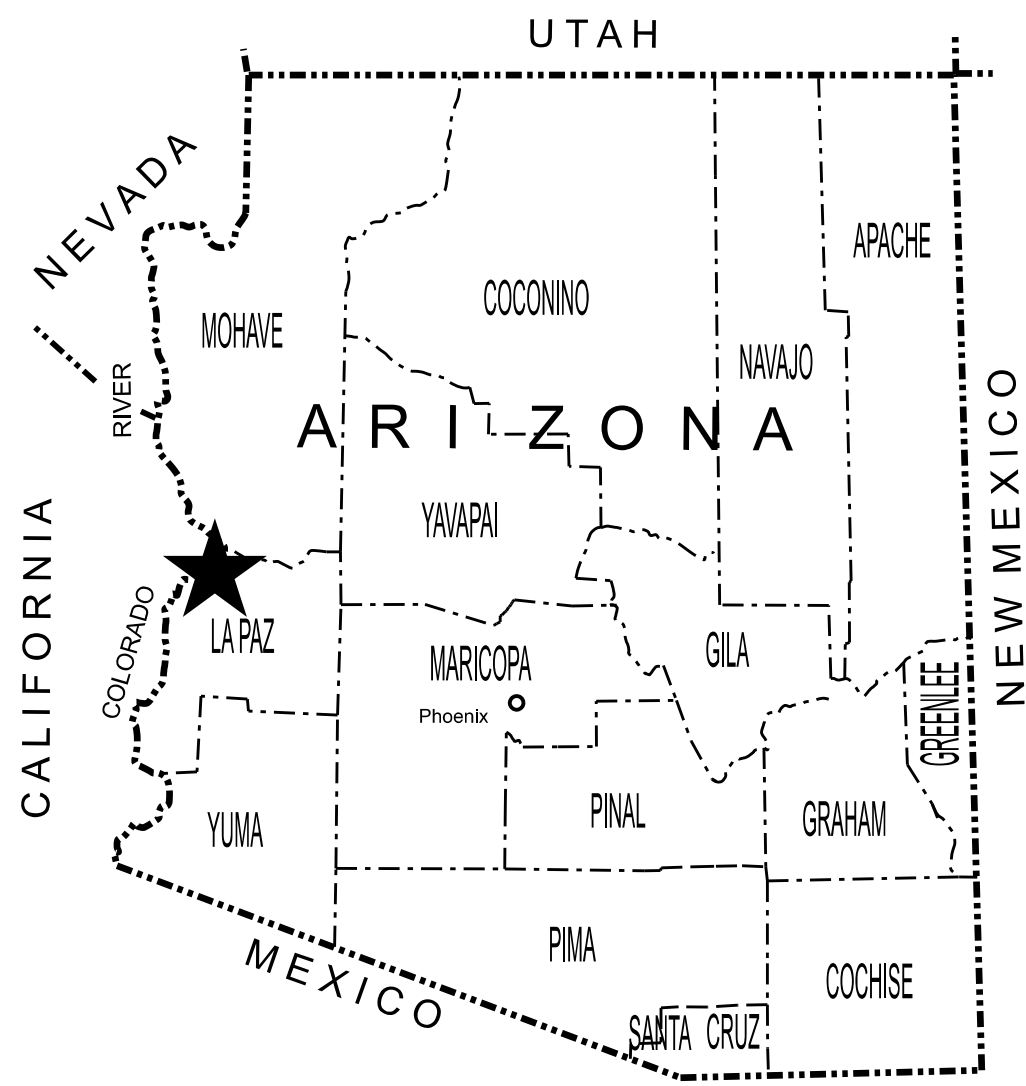
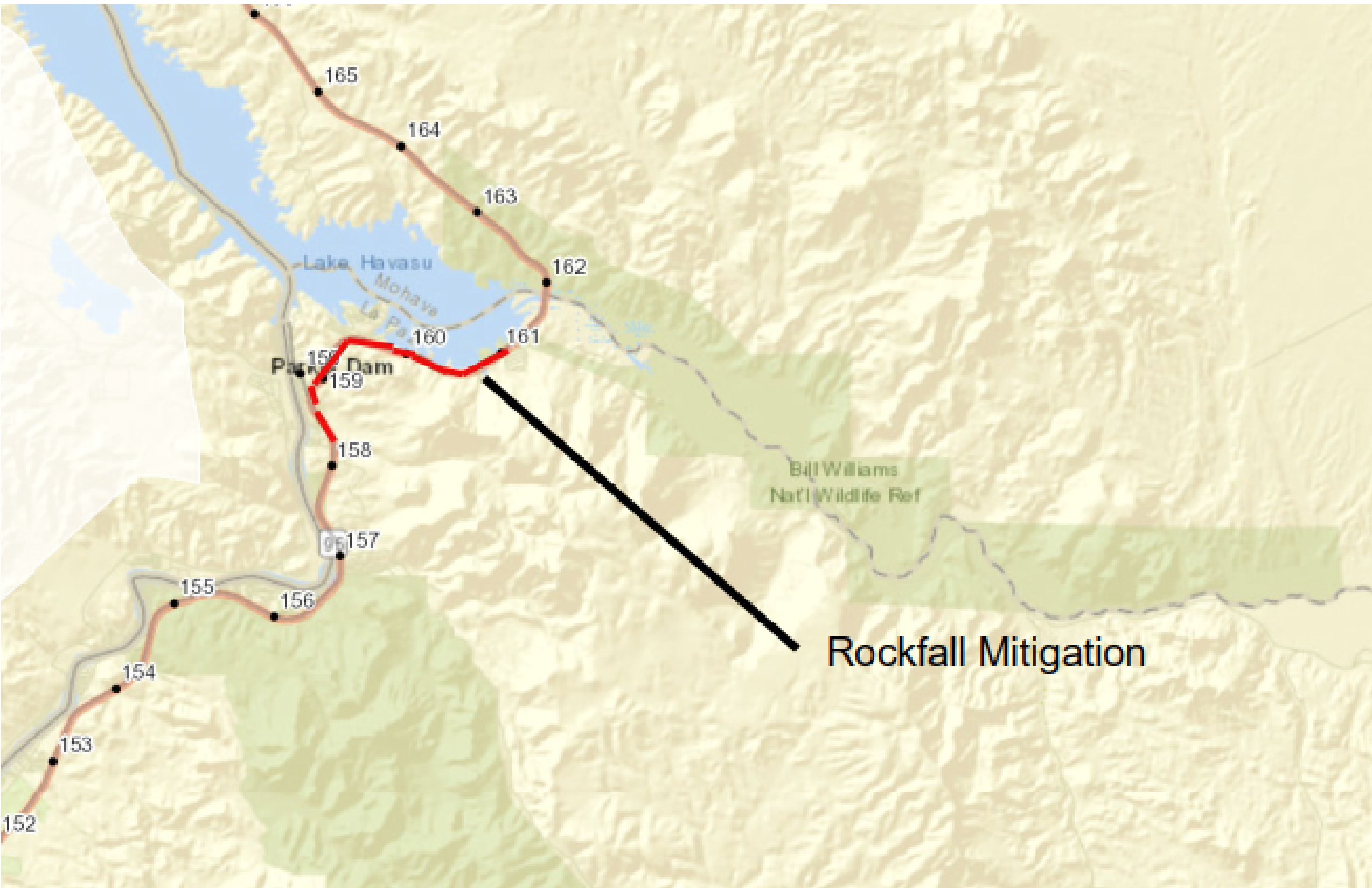
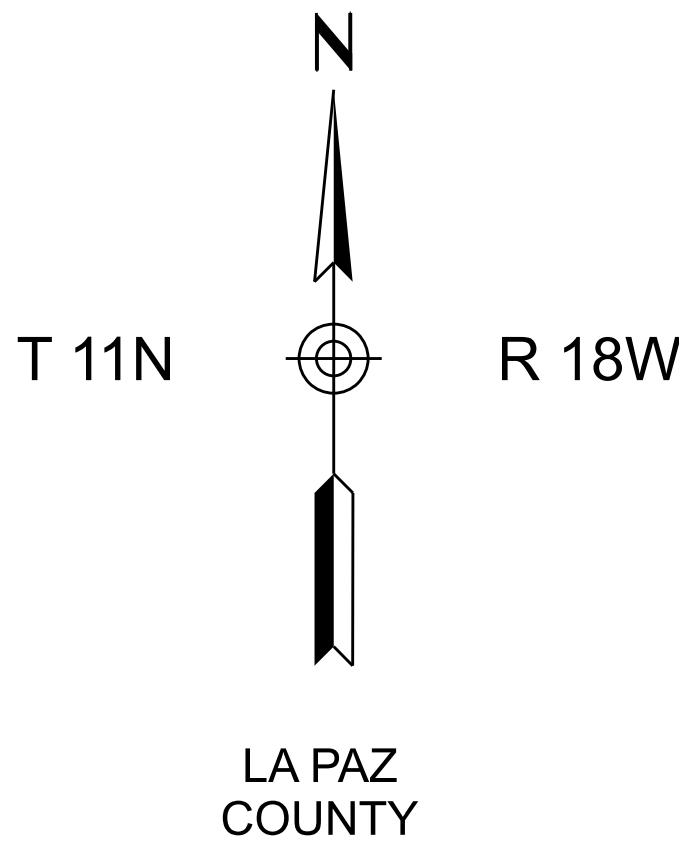




STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT PLANS



STATE HIGHWAY
QUARTZSITE-PARKER-TOPOCK HWY
SR 95



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

SOUTH OF PARKER DAM
095 LA 158 F0706 01C
095-C(229)T

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE 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.		M.BLALOCK	08/2026
095 LA 158 F0706 01C		1A	OF 30
RECORD DRAWING DATA	FEDERAL ID NO. 095-C(229)T	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 CROSSEOVERS
2/21	M-27 SHT 2	DELINEATION DETAILS FOR MEDIAN CROSSEOVERS
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	QH		08/2026
PROJECT NO. 095 LA 158 F0706 01C		1B-1	OF 30
RECORD DRAWING DATA	FEDERAL ID NO. 095-C(229)T	REC. DWG. DATE	OF

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		QH	08/2026
PROJECT NO. 095 LA 158 F0706 01C		1B-2	OF 30
RECORD DRAWING DATA	FEDERAL ID NO. 095-C(229)T	REC. DWG. DATE	OF

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.		TN	08/2026	
095 LA 158 F0706 01C			1D	OF 30
RECORD DRAWING DATA	FEDERAL ID NO. 095-C(229)T	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**

☒ No CWA Section 402 Construction General Permit (CGP) Action Required; See Std. Spec. 104.09 and 104.10 for General Requirements

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

The contractor shall avoid nests with relocation directions.

BIO-2B: MBTA - General Requirements; see Section 104.16 BIO-2B of the specifications for breeding and non-breeding season dates.

If construction occurs during the migratory bird breeding season: March 1 to August 31 refer to Section 104.16 BIO-2 of the specifications 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 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

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 develop a containment plan for debris and construction materials to avoid contamination of Lake Havasu. The containment plan shall be approved by the Engineer prior to construction.

Arizona Department of Transportation Environmental Planning Standard Template				
Environmental, Permits, Issues, And Commitments (EPIC) Sheet				
Environmental Planner Name	Nick Van Valkenburg		R.E. Name	
Environmental Planning Date of Completion	07/11/2025		R.E. Signature	
FEDERAL ID NO.	095-C(229)T			
PROJECT NO.	095 LA 158 F0706 01C			
			With the above signature, the R.E. attests that all EPIC work for this project has been satisfactorily completed.	
REC DWG DATE: __1F__ OF __30__			_____ OF _____	
			Sheet 1F	

REFERENCES

S-405-503 (1966)
S-405-505 (1967)
HES-063-2(10)P (1986)
MA-063-2(19)P (1996)
F0419 01C (2023)
LS1462 (2024)

MIDPOINT OF PROJECT

West Zone
State Plane Coordinates
X=589,000
Y=1,197,000

LENGTH OF PROJECT

Sta 797+80.00 to 800+94.00 = 314.00' - Paving Exception
Sta 800+94.00 to 902+10.00 = 10,116.00' - No Work Proposed
Sta 902+10.00 to 905+63.00 = 353.00' - Paving Exception
Sta 905+63.00 to 907+94.00 = 231.00' - No Work Proposed
Sta 907+94.00 to 911+92.00 = 398.00' - Paving Exception
Sta 911+92.00 to 920+19.00 = 827.00' - No Work Proposed
Sta 920+19.00 to 924+70.00 = 451.00' - Paving Exception
Sta 924+70.00 to 937+06.00 = 1,236.00' - No Work Proposed
Sta 937+06.00 to 943+64.00 = 658.00'

Net Length = 658.00' - 0.12 Miles
Gross Length = 14,584.00' - 2.76 Miles
MP 158.82 - MP 161.58

DESIGN DATA

2023 AADT = 5,482
2043 AADT = 6,446
Design Speed = 60 MPH

INDEX OF SHEETS

Sheet No.	Sheet Type
1	Face Sheet
1A, 1B-1, 1B-2, 1D	ADOT Standard Drawings
1F	EPIC Sheet
2	Design Sheet
3	Summary Sheet
4 - 9	Detail Sheets
10 - 15	Plan Sheets
16 - 21	Traffic Sheets
22 - 29	Geotech Sheets
30	Roadside Sheet

GENERAL NOTES

The roadway plans have been designed utilizing the Construction Standard Drawings (C-Series) and current revisions. Refer to the 1A sheet for a listing of current revision dates.

For R/W information not shown, see Right-of-Way project No. S-405-703 & F-063-2(8).

Where only the horizontal location of an existing utility is shown, the location is approximate. Where both the horizontal and vertical location of an existing utility is shown, the location has been verified by field survey methods. The contractor shall comply with all current Arizona 811 laws and Section 107.15 of the Specifications.

New Right of Way is not required. Specific use TCE are required: see plans.

Project plans have been developed utilizing alignment and survey control from survey LS1462.

Project plans have been developed utilizing alignment from as-built S-405-703.

The average project elevation is 500'.

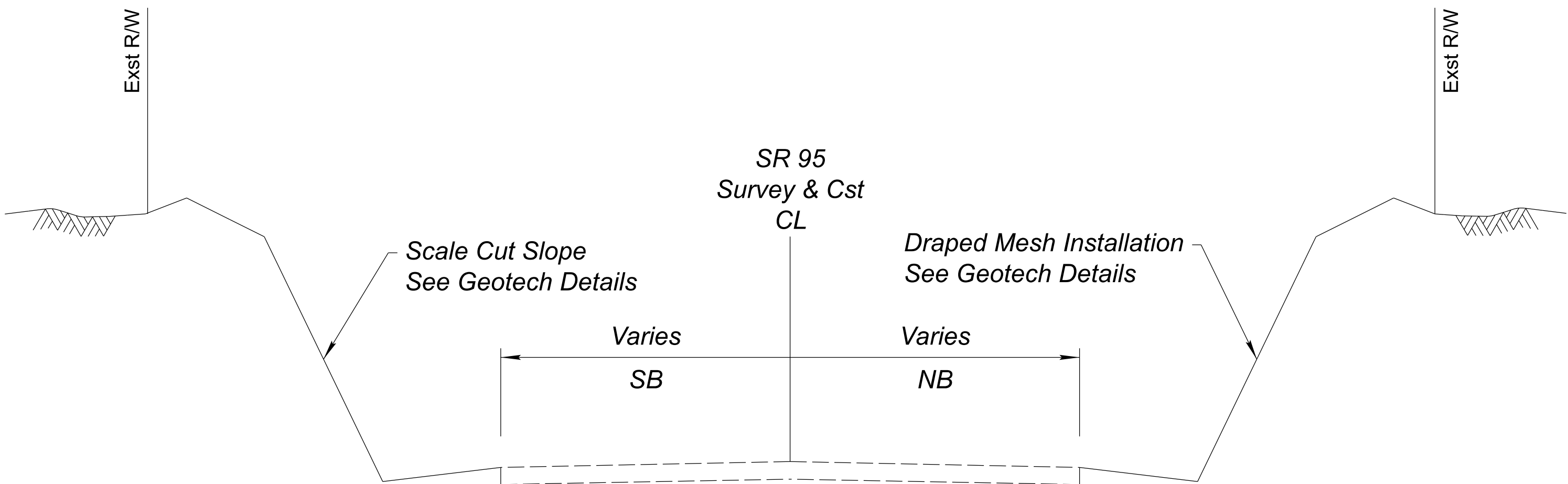
10 Tons of AC (Misc Str) and 5 CuYd of embankment (AB Class 2) are estimated for construction of each Crash Cushion System Treatment Pad.

EARTHWORK QUANTITIES

Roadway Excavation	252 CY
Swell	2 CY
Cut Slope Scaling	15 CY
Drainage Excavation	793 CY
Embankment (Incl Gnd Comp)	17 CY
Waste	1,044 CY

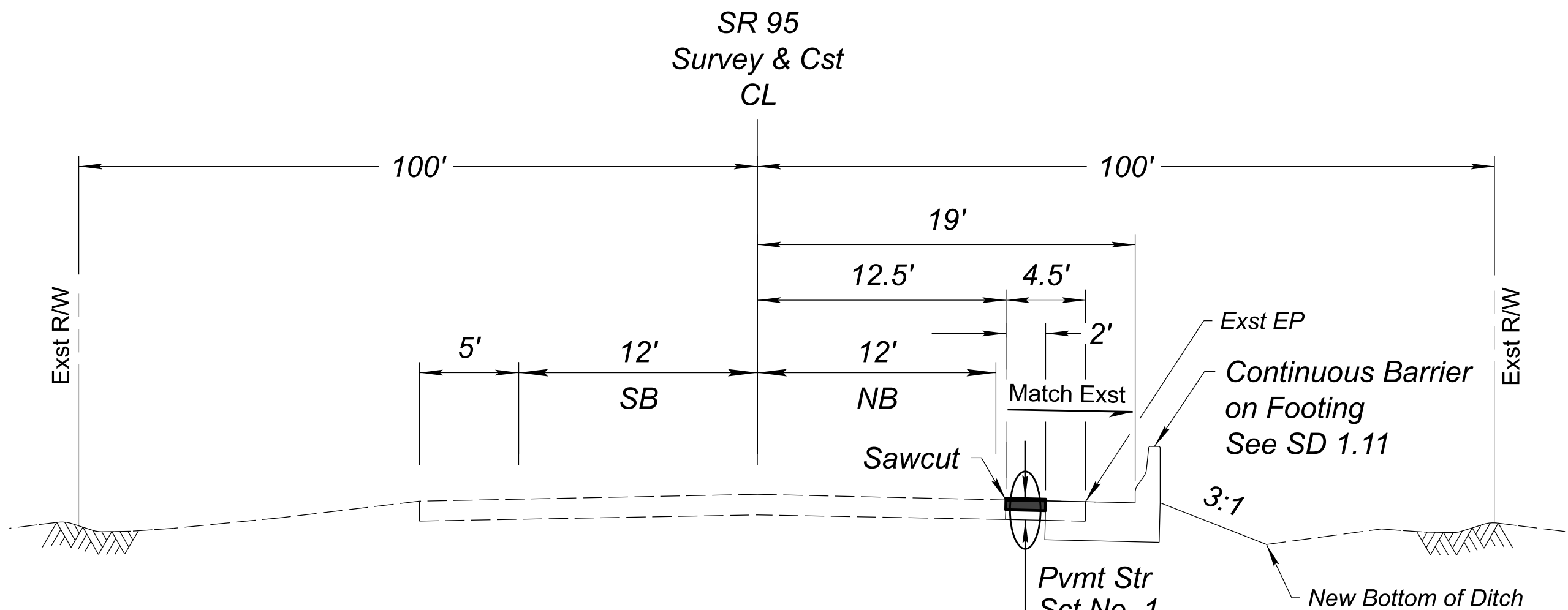
EARTHWORK FACTORS

Station	Shrink/Swell
Sta 797+80.00 to 800+94.00	10% Swell
Sta 902+10.00 to 905+63.00	
Sta 907+94.00 to 911+92.00	
Sta 920+19.00 to 924+70.00	
Sta 937+06.00 to 943+64.00	



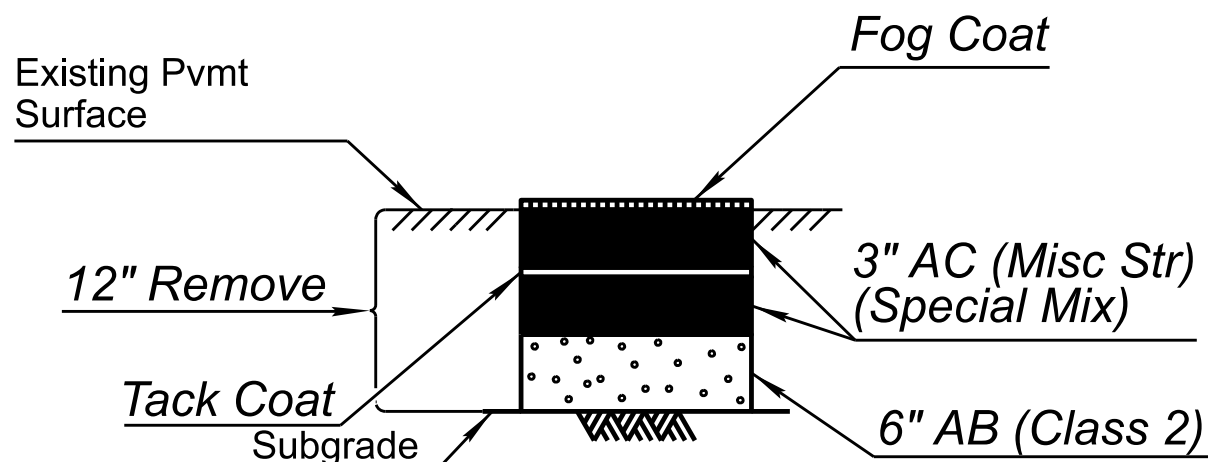
TYPICAL SECTION

NB Sta 797+80 to 800+85
SB Sta 799+25 to 800+94



TYPICAL SECTION CONTINUOUS BARRIER ON FOOTING

Sta 937+68 to 943+00



SECTION NO. 1



	NAME	DATE
DESIGN	MB, LV	08/26
DRAWN	L.VASQUEZ	08/26
CHECKED	M.BLALOCK	08/26
TEAM LEADER	K.HAMMOND	08/26

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

DESIGN SHEET

ROUTE

SR 95

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

ARIZ.

LOCATION

TRACS NO. F0706 01C

STATE

ARIZ.

PROJECT NO.

095 LA 158

FEDERAL ID NO.

095-C(229)T

SHEET NO.

2

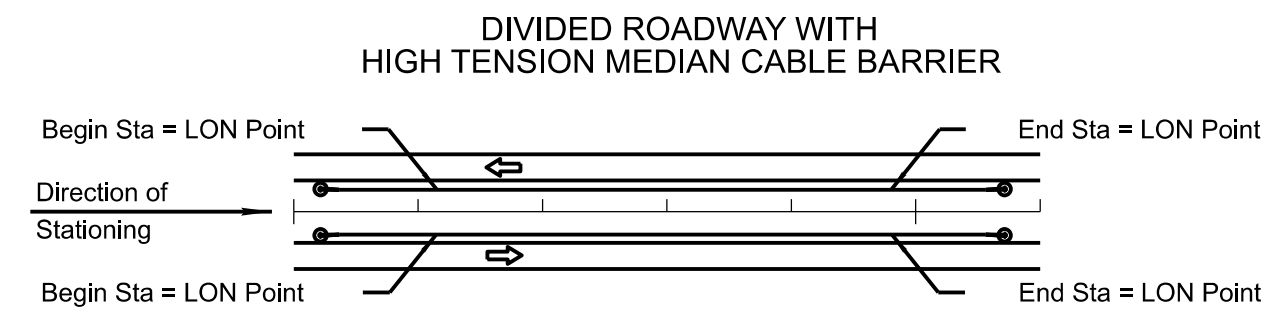
TOTAL SHEETS

30

RECORD DRAWING

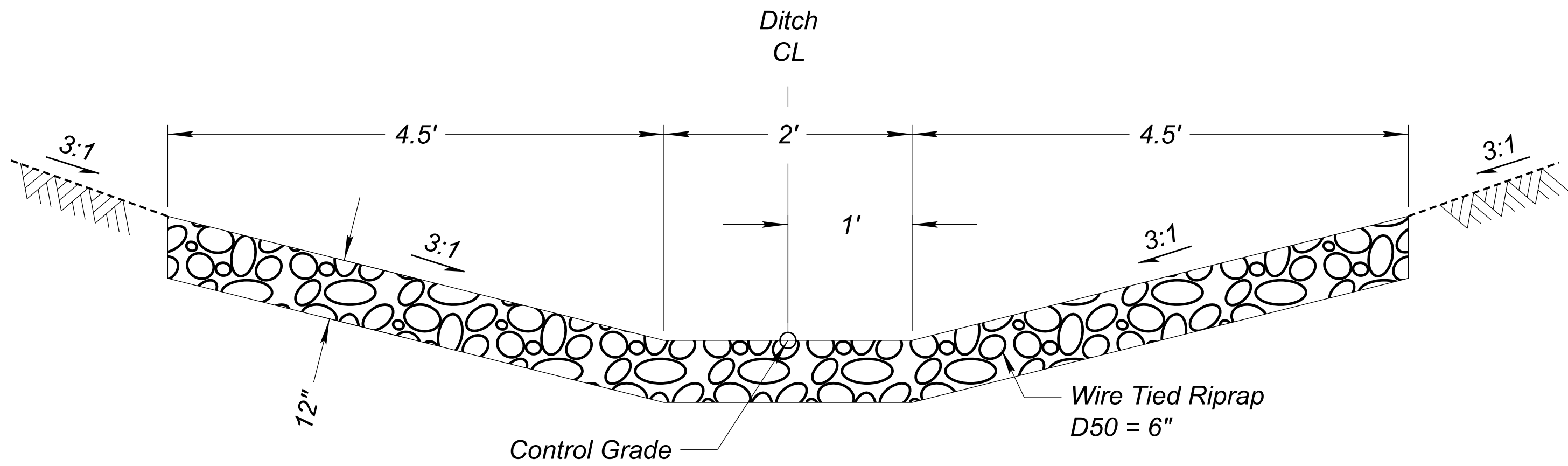
SHEET 1 OF 1

OF

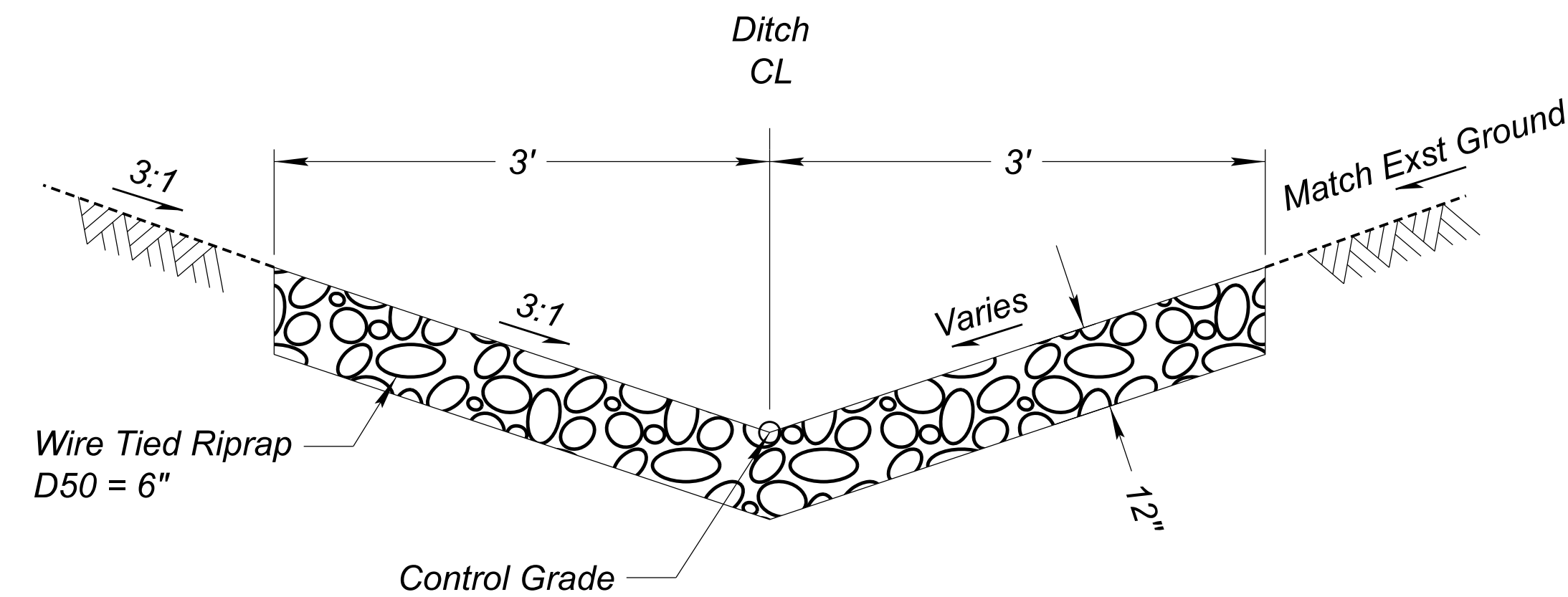


THE ZEROS IN PARENTHESES (0,0) INDICATE THE DIMENSIONAL PRECISION FOR THAT COLUMN. ● LENGTH IS FROM LENGTH OF NEED (LON) POINT TO LON POINT. ACTUAL SEGMENT LENGTH VARIES DEPENDING ON TERMINAL TYPE. SEE SPECIAL PROVISIONS.	■ NOTE: FOR RECORD DRAWING PREPARATION - CIRCLE END TREATMENT INSTALLED. ○ SEE BRIDGE SHEETS FOR BRIDGE BARRIER DETAILS AND QUANTITIES.	■ 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'.
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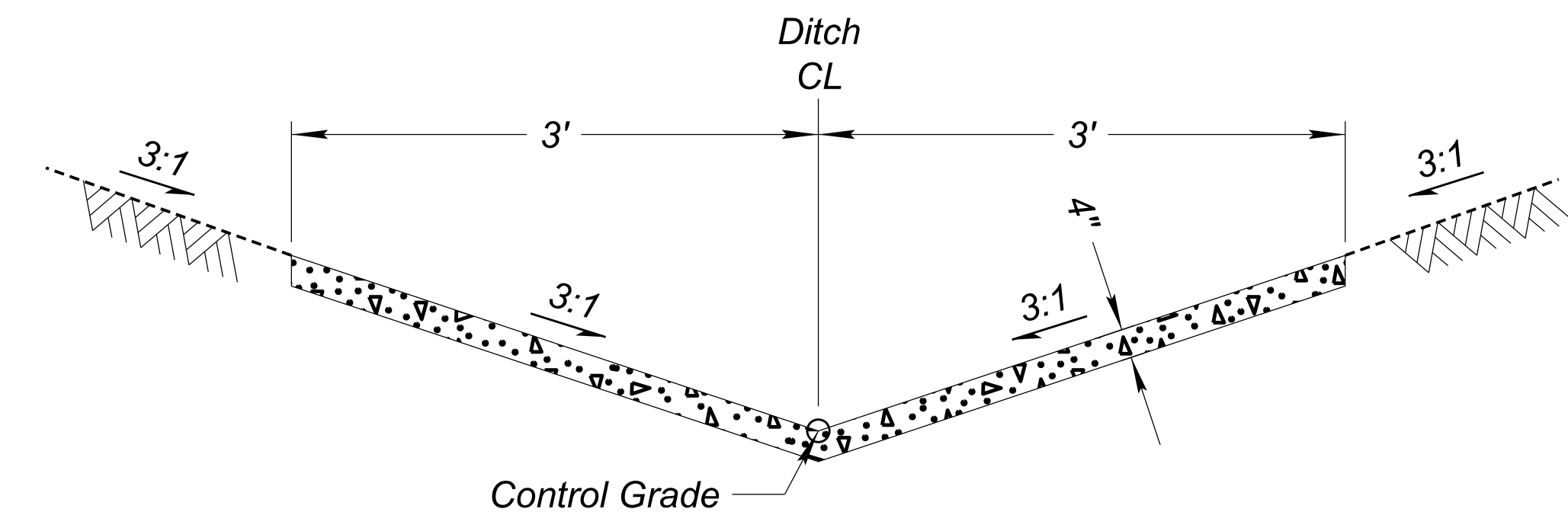
E6242	8/5/2025 3:10:13 PM	Z:\AZDOT\Configuration\WorkSpaces\AZDOT-2021R1\WorkSets\I0706\dgn\Roadway\I0706_sb1.dgn \ Model Name: Barrier Summary Sheet
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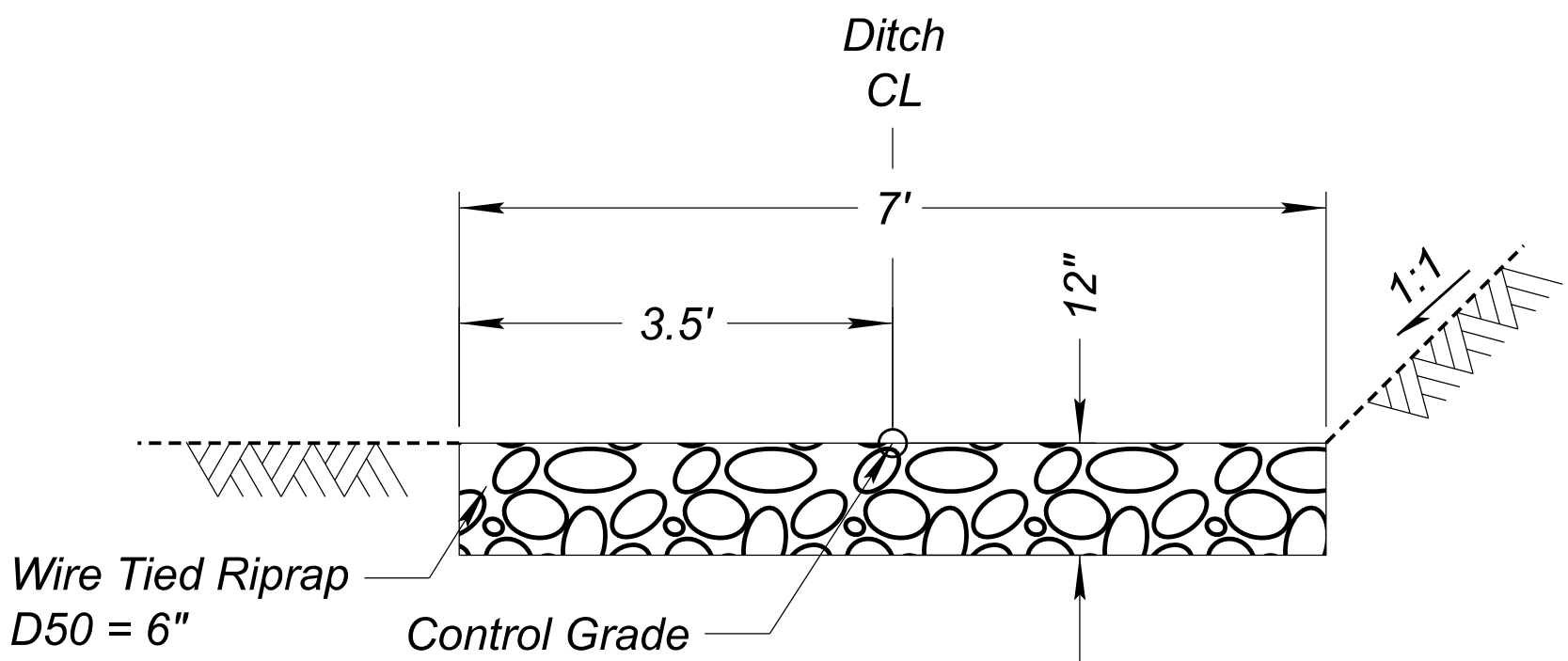
TRAPEZOIDAL DITCH



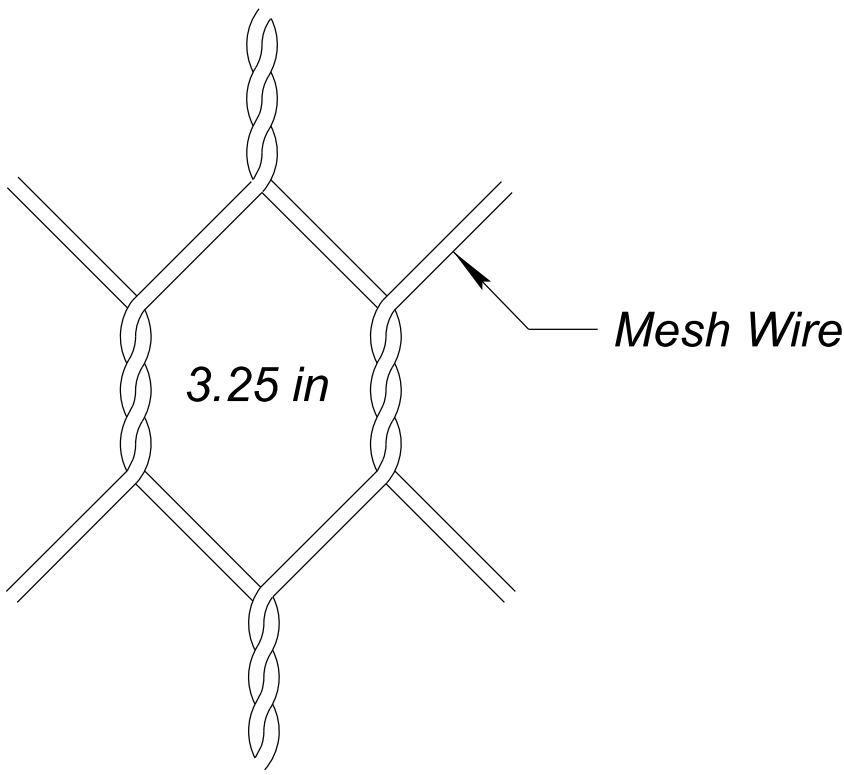
V-SHAPE DITCH



SHOTCRETE V-SHAPE DITCH



RECTANGULAR DITCH



WIRE SPACING & PATTERN

RIPRAP GRADATIONS	
	D ₅₀ =6"
% Passing	Sieve Size (In)
100-90	12
85-70	9
50-30	6
15-5	4
5-0	2

- Notes:
- 1) Wire Tied Riprap to be in Accordance with Section 913 Bank Protection of the ADOT Specifications.
 - 2) Wire Tied Riprap to be Installed per Manufacturer's Requirements.
 - 3) Rock for wire tied Riprap, and welded wire fabric shall be poorly graded angular rock, per ADOT Standard Specification.
 - 4) Mesh Wire Diameter=0.120 inches.
Selvedge Wire Diameter=0.153 inches.
Lacing Wire Diameter=0.091 inches.

DITCH QUANTITIES						
Ditch ID	Ditch Type	Length (FT)	D50 Size (IN)	Riprap Type	Wire Tied Riprap (CY)	Shotcrete (SQ YD)
Ditch 1	Trapezoidal Ditch	210	6	Wire Tied	78	
Ditch 2	Rectangular Ditch	28	6	Wire Tied	8	
Ditch 3	Shotcrete V-Shape	83				55
Ditch 4	Trapezoidal Ditch	308	6	Wire Tied	115	
Ditch 5	V-Shape Ditch	452	6	Wire Tied	101	
Total					302	55

DETAIL N

Sheet 1 of 2

DITCH DETAILS



	NAME	DATE
DESIGN	M.HASAN	08/26
DRAWN	L.VASQUEZ	08/26
CHECKED	M.HASAN	08/26
TEAM LEADER	K.HAMMOND	08/26

ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE SR 95
DETAIL SHEET	MILEPOST
	STRUCTURE NO.

F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 095 LA 158	FEDERAL ID NO. 095-C(229)T	SHEET NO. 4	TOTAL SHEETS 30	RECORD DRAWING
SOUTH OF PARKER DAM						SHEET 1 OF 2
TRACS NO. F0706 01C						OF

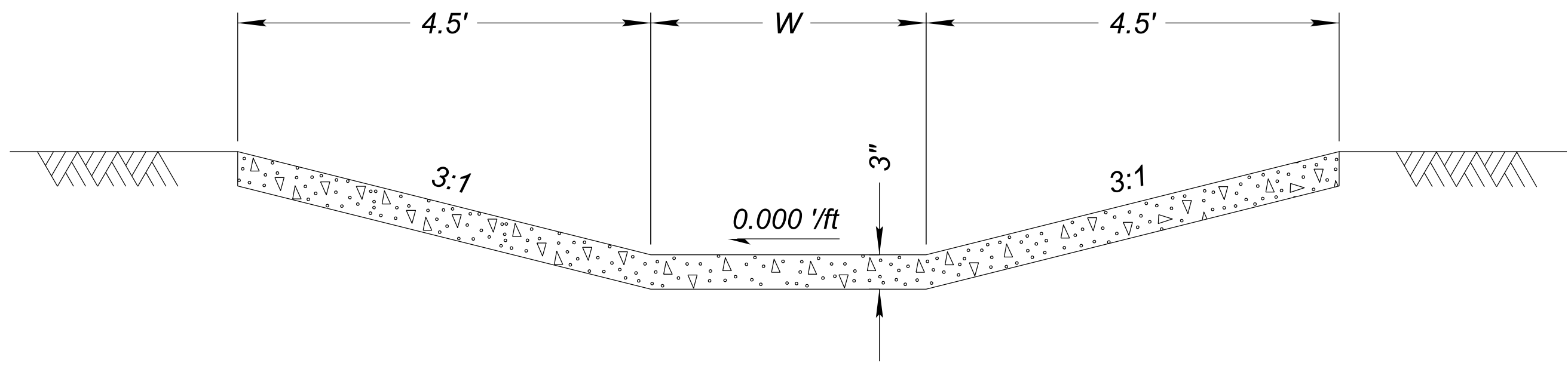
DITCH DETAILS								
Ditch ID	Ditch Type	Location	Begin Sta	Offset	Elevation	End Sta	Offset	Elevation
Ditch 1	Trapezoidal	SR 95	902+80	57' Lt	504.64'	902+89	58.5' Lt	502.54'
		SR 95	902+89	58.5' Lt	502.54'	904+95	83' Lt	496.45'
Ditch 2	Rectangular	SR 95	904+81	27.5' Rt	500.78'	905+03	27.5' Rt	498.39'
Ditch 3	Shotcrete V-Shape	SR 95	904+49	95' Rt	549.13'	904+63	87.8' Rt	543.41'
		SR 95	904+63	87.8' Rt	543.41'	904+73	83.1' Rt	534.83'
		SR 95	904+73	83.1' Rt	534.83'	904+88	74.6' Rt	522.41'
		SR 95	904+88	74.6' Rt	522.41'	905+03	67.9' Rt	516.13'
		SR 95	905+03	67.9' Rt	516.13'	905+11	63.1' Rt	513.22'
		SR 95	905+11	63.1' Rt	513.22'	905+21	61.6' Rt	505.89'
Ditch 4	Trapezoidal	SR 95	908+85	75' Lt	488.25'	909+27	69.2' Lt	488.71'
		SR 95	909+27	69.2' Lt	488.71'	910+35	55' Lt	489.89'
		SR 95	910+35	55' Lt	489.89'	910+99	49.8' Lt	490.62'
		SR 95	910+99	49.8' Lt	490.62'	911+88	52.6' Lt	491.60'
		SR 95	911+88	52.6' Lt	491.60'	911+92	57.7' Lt	492.60'
Ditch 5	V-Shape	SR 95	920+19	31.8' Rt	517.22'	922+15	29.8' Rt	519.83'
		SR 95	922+15	29.8' Rt	519.83'	923+65	34.7' Rt	521.42'
		SR 95	923+65	34.7' Rt	521.42'	924+70	35.7' Rt	522.05'

DETAIL N

Sheet 2 of 2

DITCH DETAILS

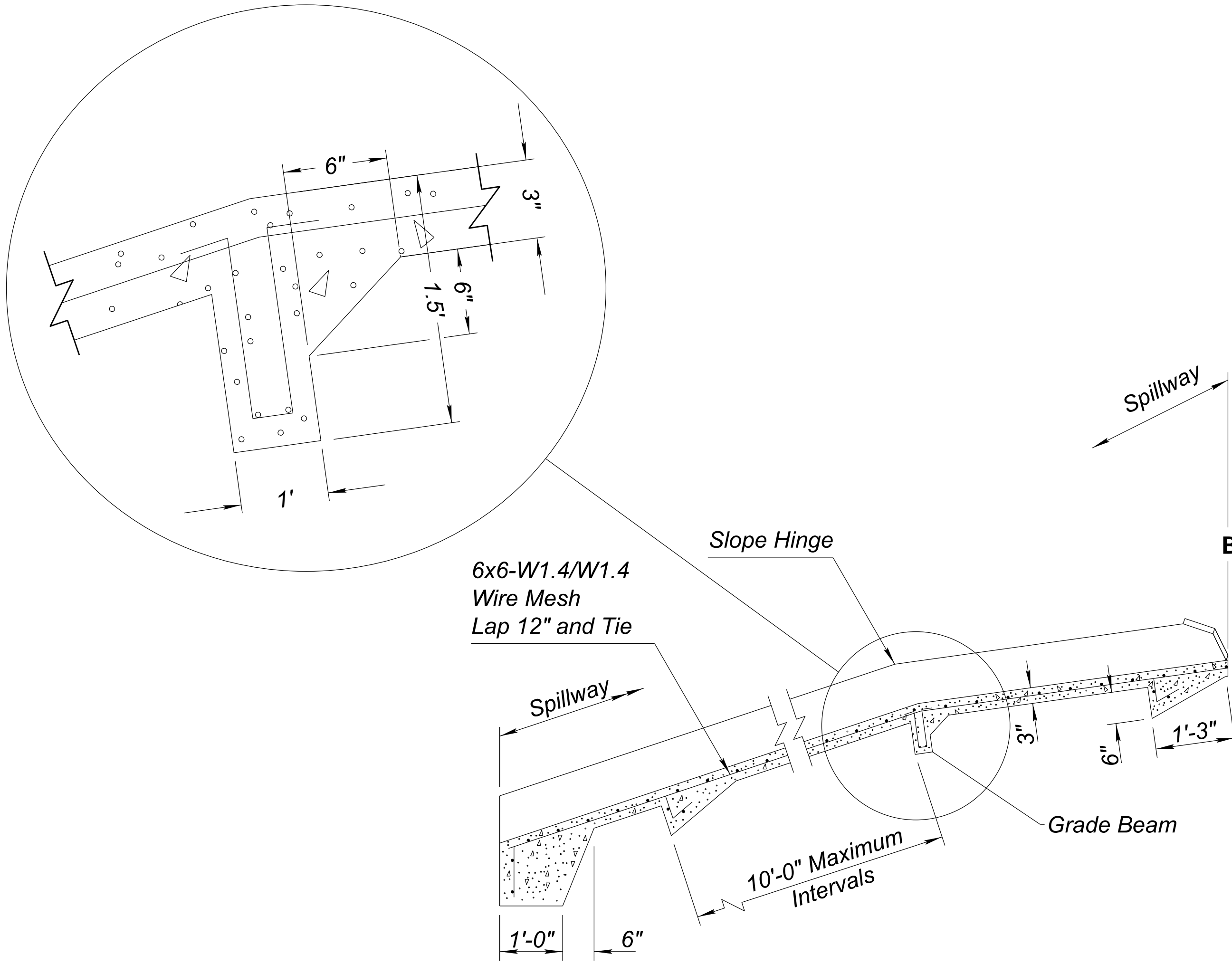
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		DRAWN	L.VASQUEZ	08/26		MILEPOST													
		CHECKED	M.HASAN	08/26		STRUCTURE NO.													
		TEAM LEADER	K.HAMMOND	08/26															
DETAIL SHEET					LOCATION		SOUTH OF PARKER DAM										SHEET 2 OF 2		
					TRACS NO.		F0706 01C										____ OF ____		



SPILLWAY SECTION

DETAIL 01

MODIFIED SPILLWAY SECTION



SECTION B-B

DETAIL 02

MODIFIED SPILLWAY LENGTH

SPILLWAY SUMMARY TABLE

Location	Begin Sta, Offset	End Sta, Offset	Type	Spillway Width, W (Ft)	Spillway Length (Ft)	Action	Section Detail	Length Detail
SR 95	904+95, 84' Lt	905+63, 83' Lt	Spillway	2	66	New	Detail 01	Detail 02
SR 95	905+03, 27.5' RT	905+75, 26.2' Rt	Spillway	5	64	New	C-01.40	Detail 02
SR 95	905+21, 61.6' Rt	905+77, 52.5' Rt	Spillway	4	58	New	C-01.40	Detail 02
SR 95	908+85, 75' Lt	907+94, 79' Lt	Spillway	2	90	New	Detail 01	Detail 02

GENERAL NOTES

1. See Std Dwgs C-04.10 for all other spillway section & length details.
2. All concrete shall be Class B.



	NAME	DATE
DESIGN	M.HASAN	08/26
DRAWN	L.VASQUEZ	08/26
CHECKED	M.HASAN	08/26
TEAM LEADER	K.HAMMOND	08/26

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

DETAIL SHEET

ROUTE
SR 95

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

STATE
ARIZ.

PROJECT NO.
095 LA 158

FEDERAL ID NO.
095-C(229)T

SHEET NO.
6

TOTAL SHEETS
30

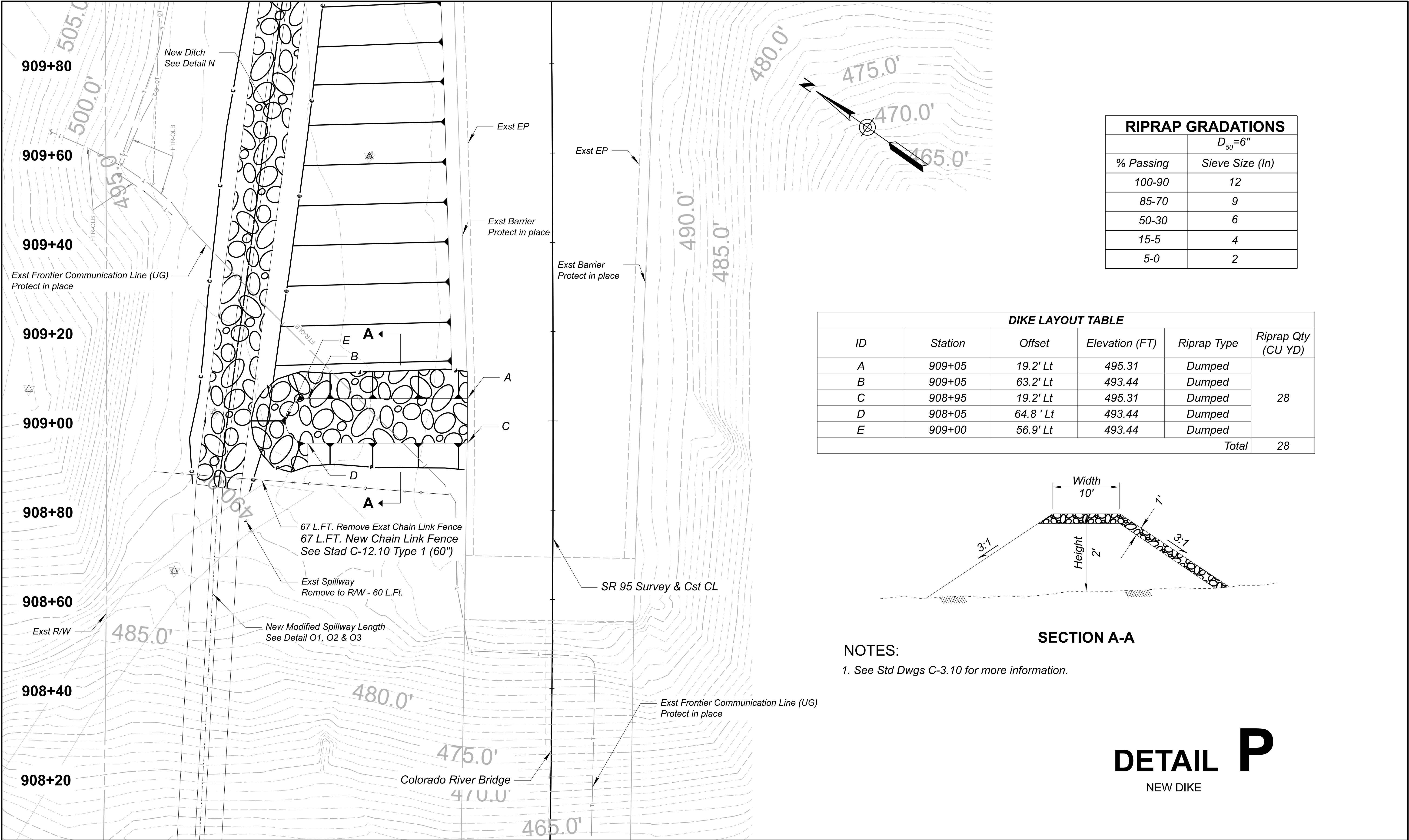
RECORD DRAWING

LOCATION
SOUTH OF PARKER DAM

TRACS NO. F0706 01C

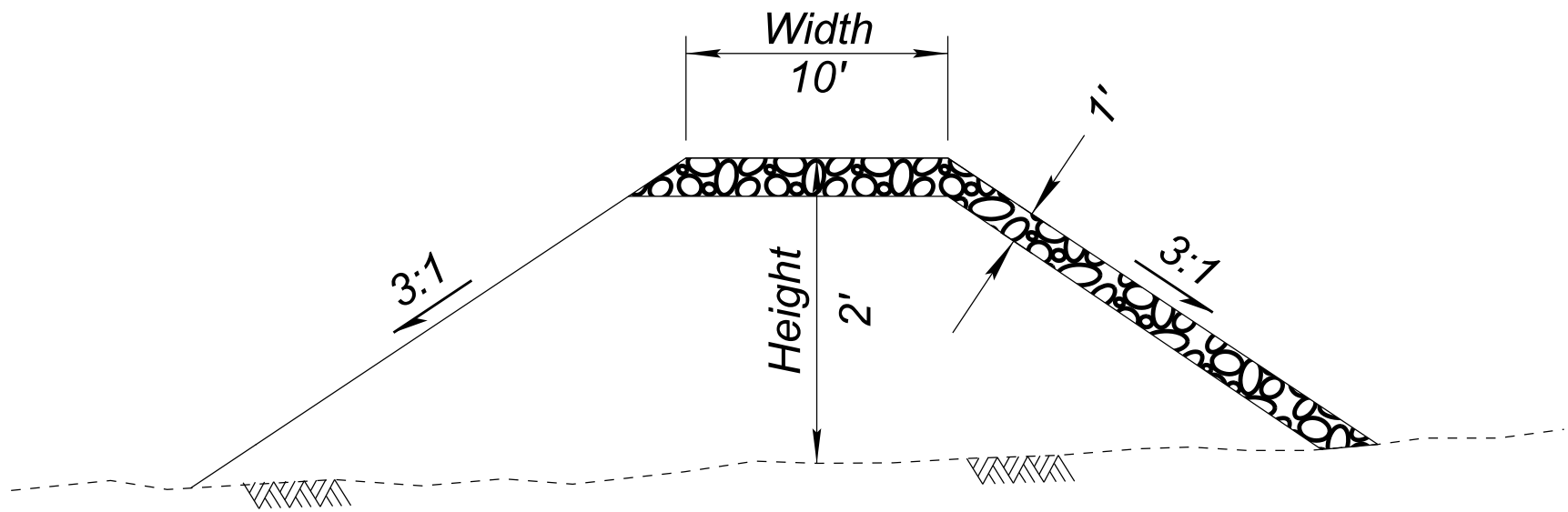
SHEET 1 OF 1

OF



RIPRAP GRADATIONS	
	$D_{50}=6"$
% Passing	Sieve Size (In)
100-90	12
85-70	9
50-30	6
15-5	4
5-0	2

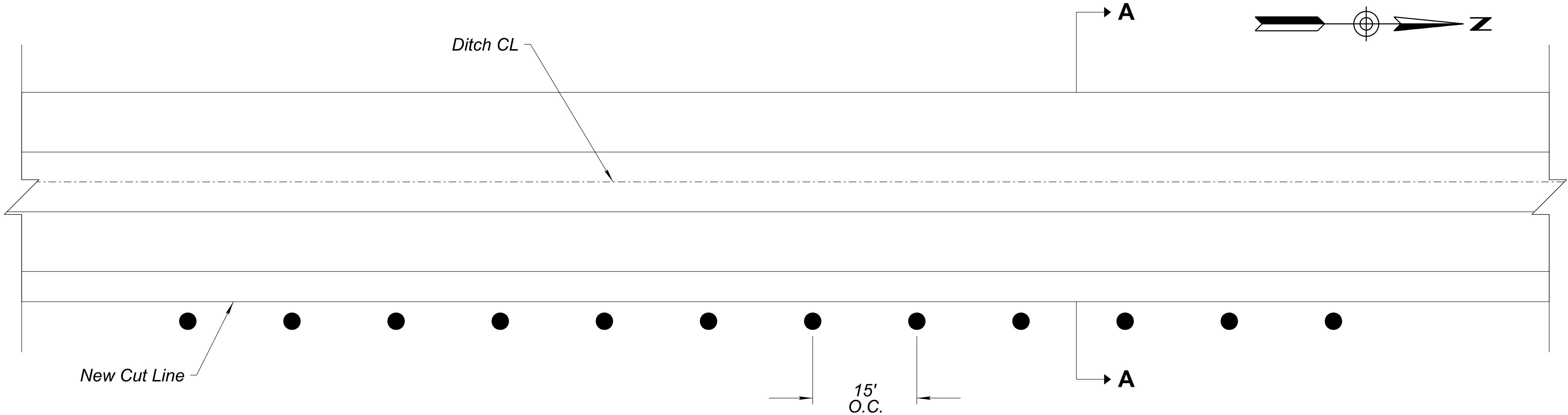
DIKE LAYOUT TABLE					
ID	Station	Offset	Elevation (FT)	Riprap Type	Riprap Qty (CU YD)
A	909+05	19.2' Lt	495.31	Dumped	28
B	909+05	63.2' Lt	493.44	Dumped	
C	908+95	19.2' Lt	495.31	Dumped	
D	908+05	64.8' Lt	493.44	Dumped	
E	909+00	56.9' Lt	493.44	Dumped	
Total					28



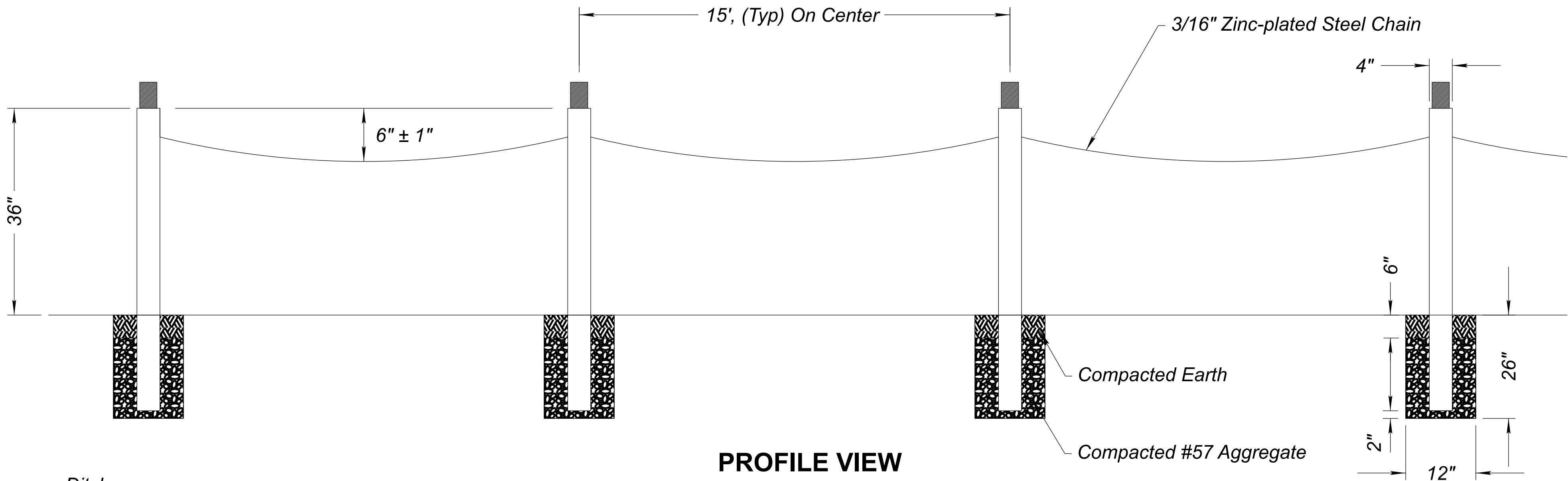
NOTES:
1. See Std Dwgs C-3.10 for more information.

DETAIL P
NEW DIKE

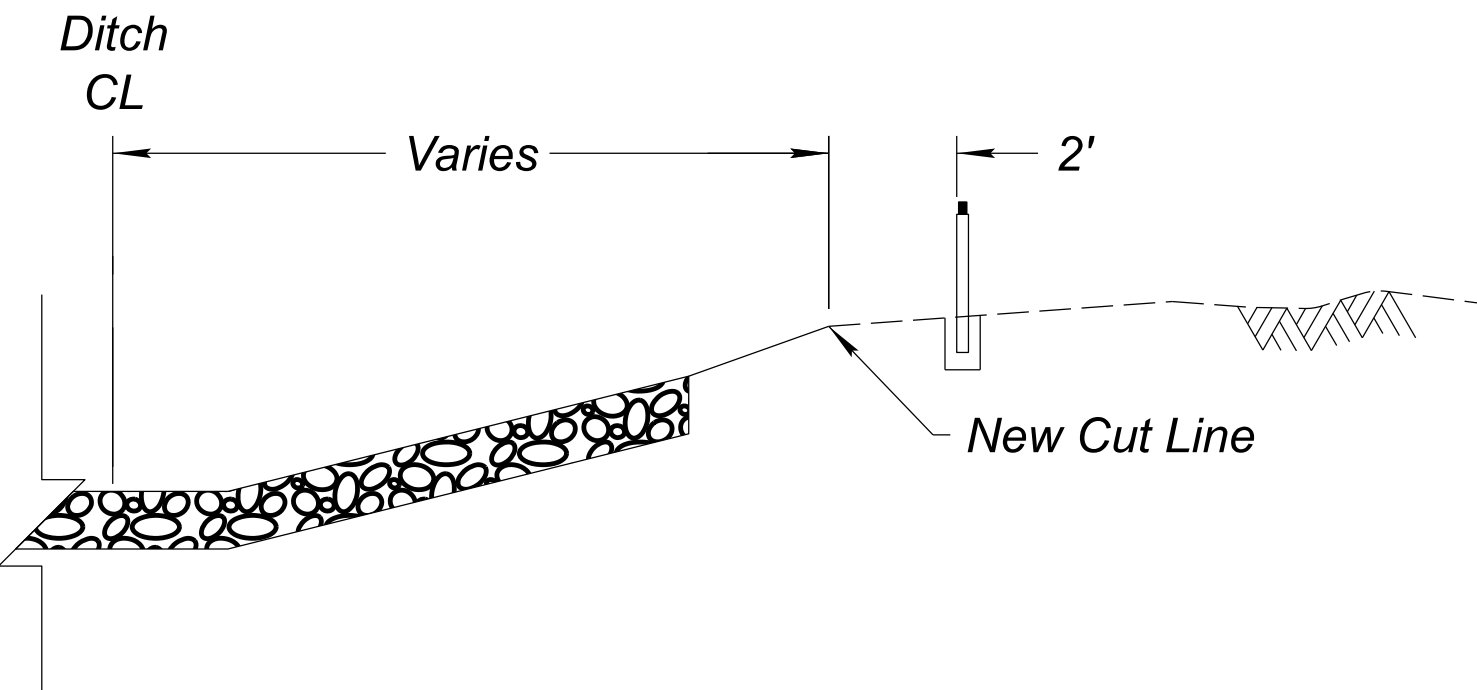
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	DRAWN	L.VASQUEZ	08/26		MILEPOST													
	CHECKED	M.HASAN	08/26		DETAIL SHEET	STRUCTURE NO.		SOUTH OF PARKER DAM										SHEET 1 OF 1
	TEAM LEADER	K.HAMMOND	08/26					TRACS NO. F0706 01C										___ OF ___



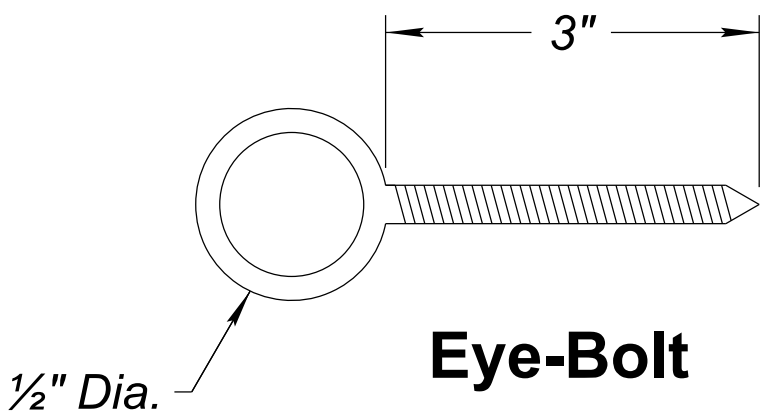
PLAN VIEW



PROFILE VIEW



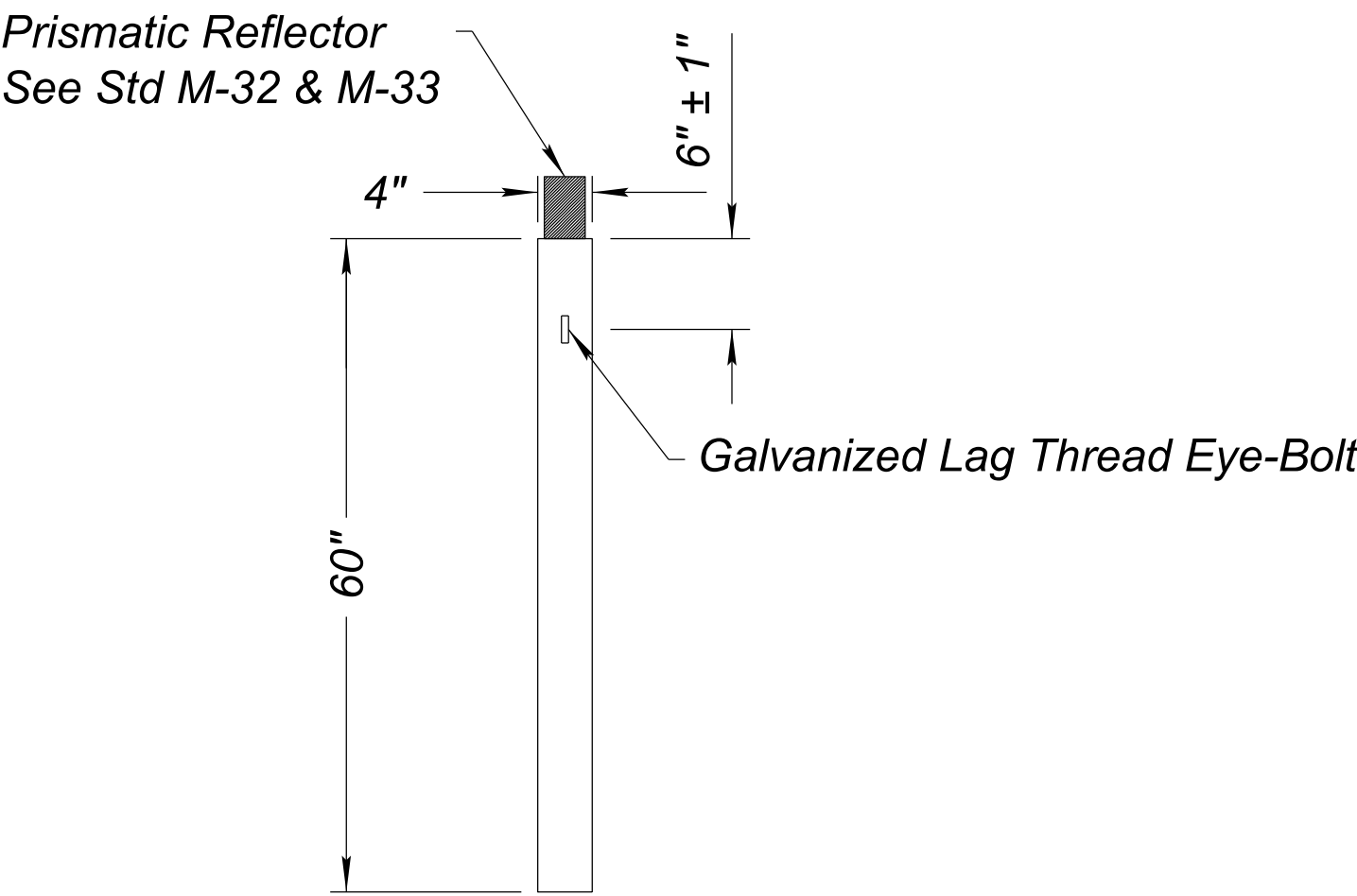
SECTION A-A



Eye-Bolt

CHAIN AND POST BARRIER SUMMARY TABLE

Begin Station-Offset	End Station-Offset	Length (FT)
902+75, 71' LT	902+80, 47' LT	25
902+80, 47' LT	904+77, 73' LT	194
Total		219



WOODEN POST

DETAIL Q
CHAIN AND POST BARRIER



	NAME	DATE
DESIGN	MB, LV	08/26
DRAWN	L.VASQUEZ	08/26
CHECKED	M.BLALOCK	08/26
TEAM LEADER	K.HAMMOND	08/26

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

DETAIL SHEET

ROUTE
SR 95

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

STATE
ARIZ.

PROJECT NO.
095 LA 158

FEDERAL ID NO.
095-C(229)T

SHEET
NO.

8

TOTAL
SHEETS

30

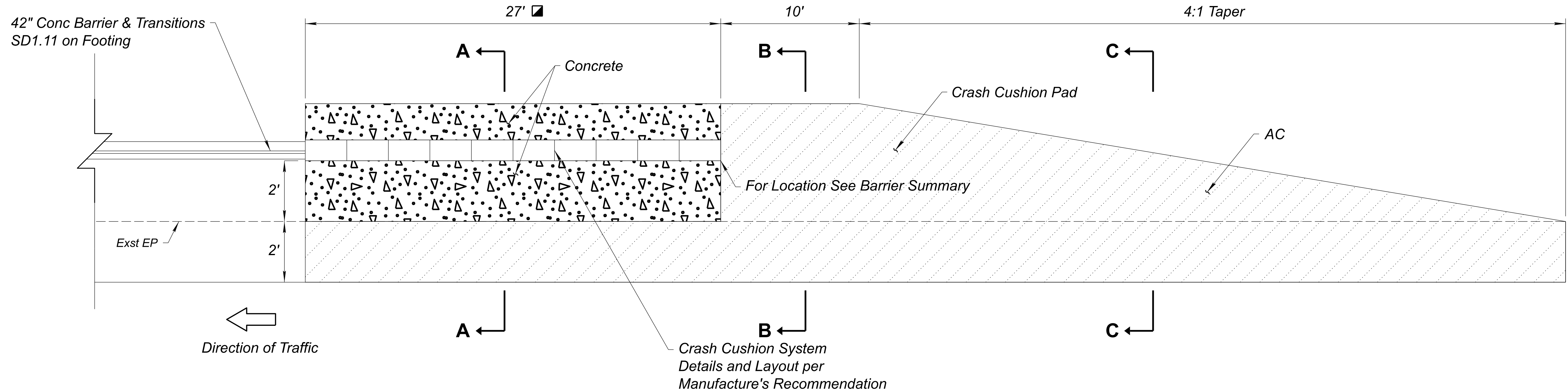
RECORD DRAWING

LOCATION
SOUTH OF PARKER DAM

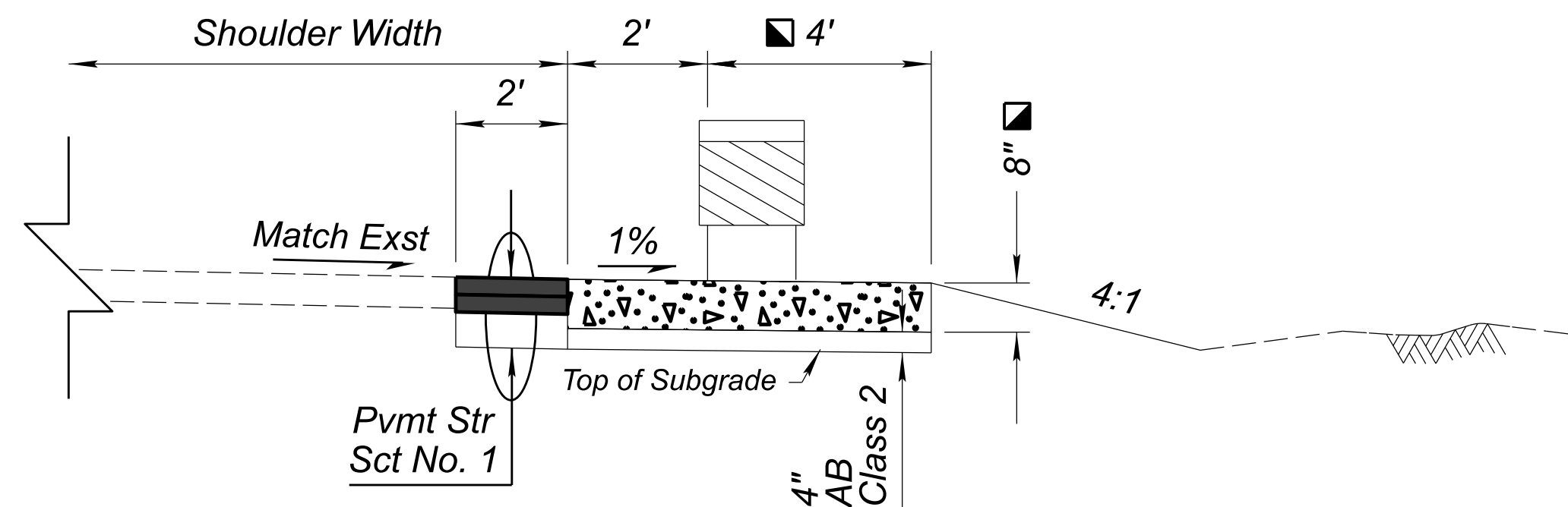
TRACS NO. F0706 01C

SHEET 1 OF 1

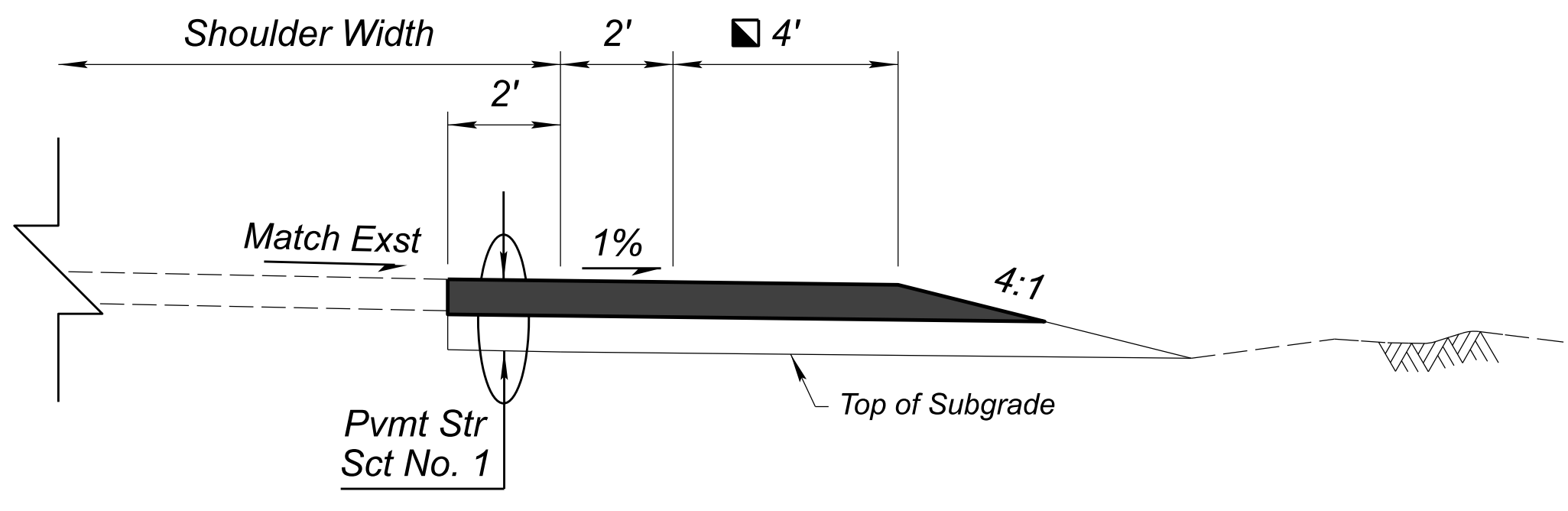
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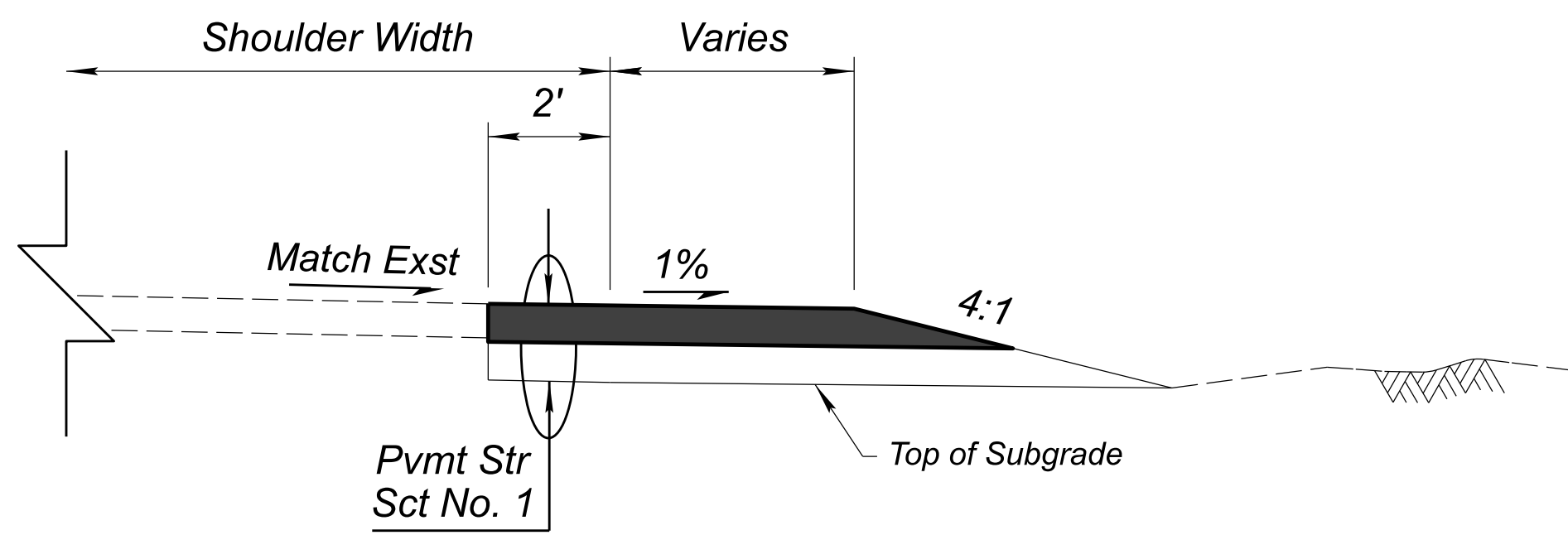
PLAN



SECTION A-A



SECTION B-B



SECTION C-C

General Notes:

- 1. Dimension may vary per Manufacturer's Recommendations.
- 2. See Special Provisions for Impact Attenuation Device (Crash Cushion).

DETAIL R

IMPACT ATTENUATION DEVICE (CRASH CUSHION)



	NAME	DATE
DESIGN	MB. LV	08/26
DRAWN	L.VASQUEZ	08/26
CHECKED	M.BLALOCK	08/26
TEAM LEADER	K.HAMMOND	08/26

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

DETAIL SHEET

ROUTE
SR 95

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

STATE
ARIZ.

PROJECT NO.
095 LA 158

FEDERAL ID NO.
095-C(229)T

SHEET
NO.

9

TOTAL
SHEETS

30

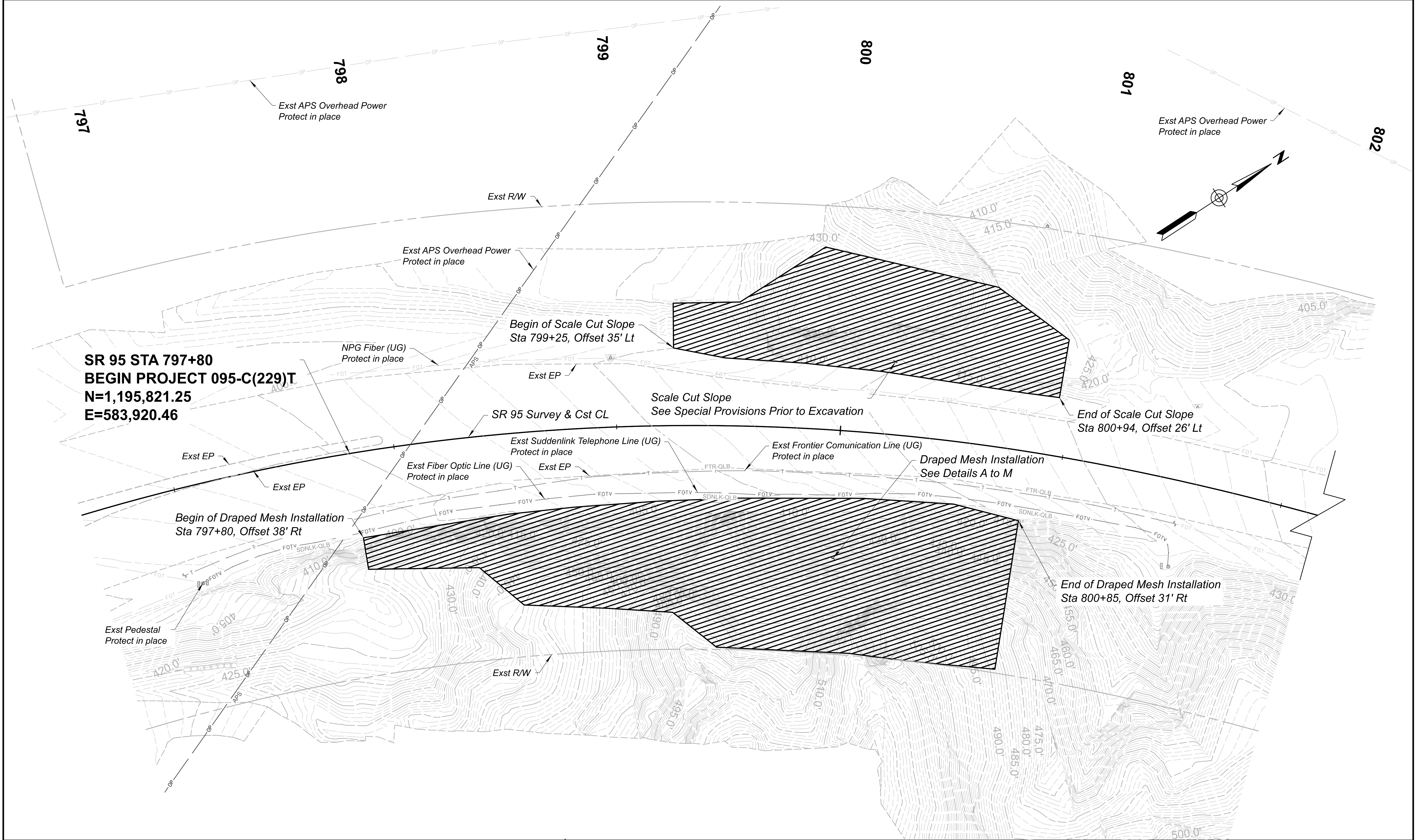
RECORD DRAWING

LOCATION
SOUTH OF PARKER DAM

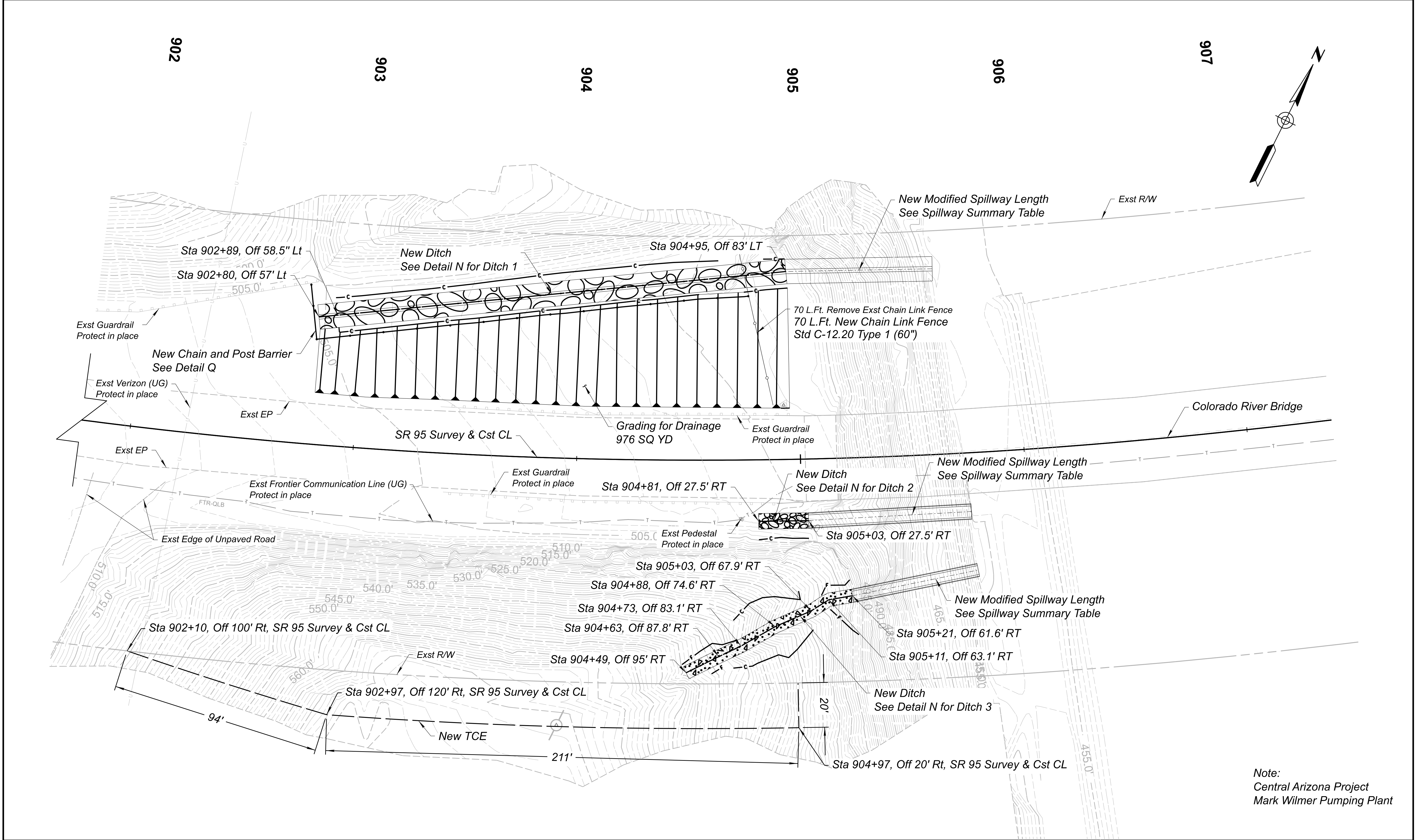
TRACS NO. F0706 01C

SHEET 1 OF 1

OF

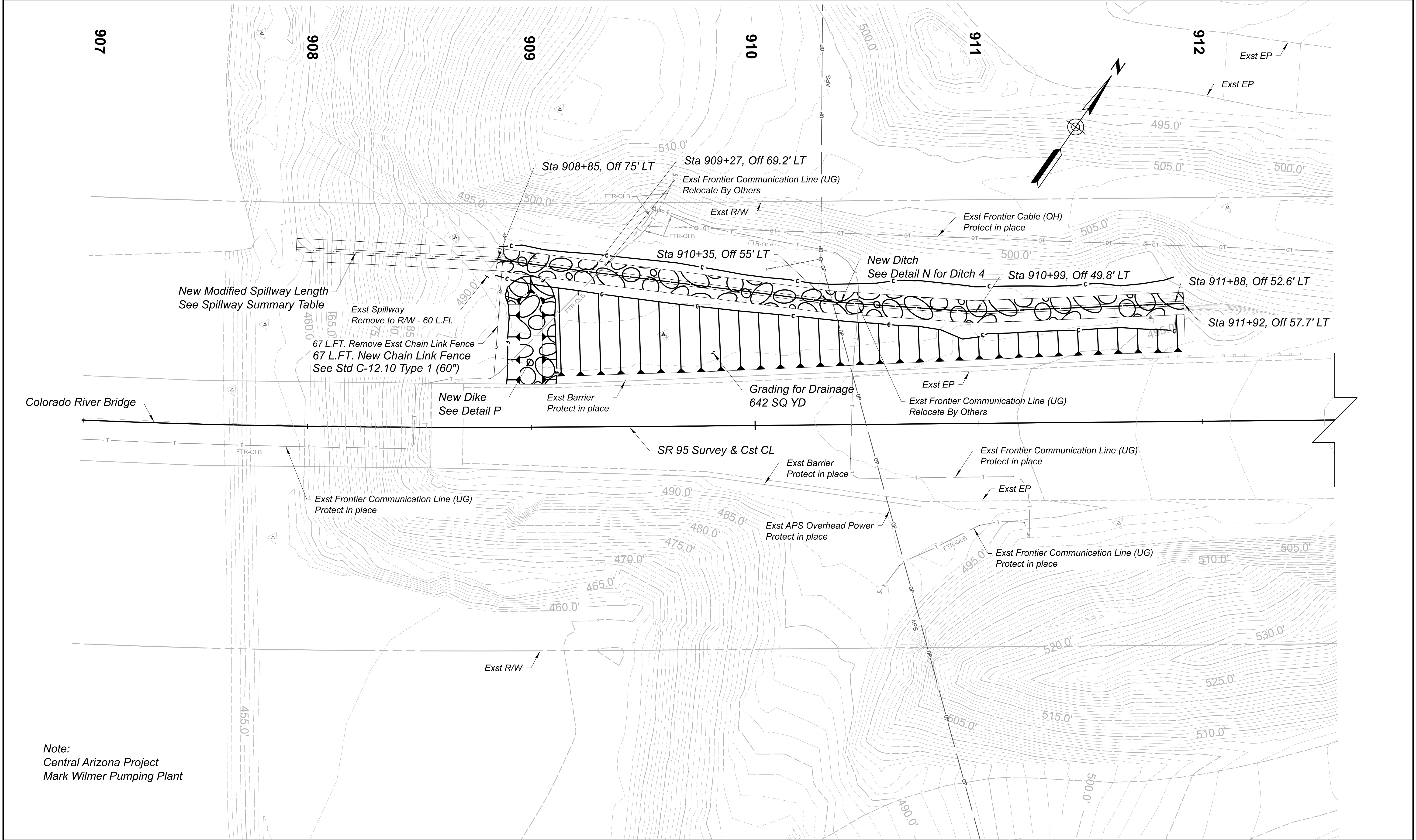


		NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION BRIDGE DESIGN SECTION	ROUTE	SR 95	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	T. NIEMYJSKI	08/26							10	30		
	DRAWN	L.VASQUEZ	08/26										
	CHECKED	T. NIEMYJSKI	08/26										
	TEAM LEADER												
				PLAN SHEET			LOCATION SOUTH OF PARKER DAM						SHEET 1 OF 6
							TRACS NO. F0706 01C						___ OF ___

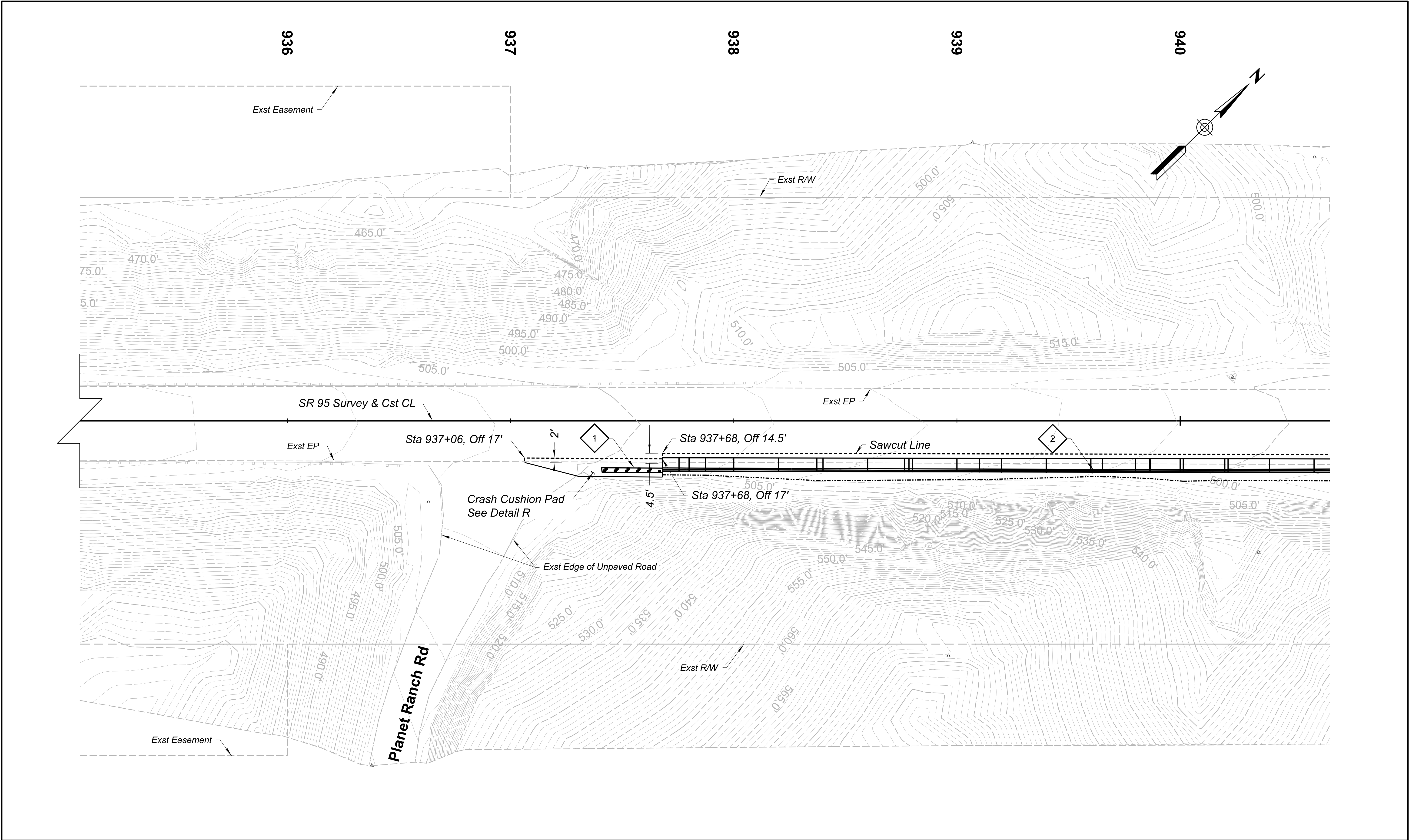


Note:
Central Arizona Project
Mark Wilmer Pumping Plant

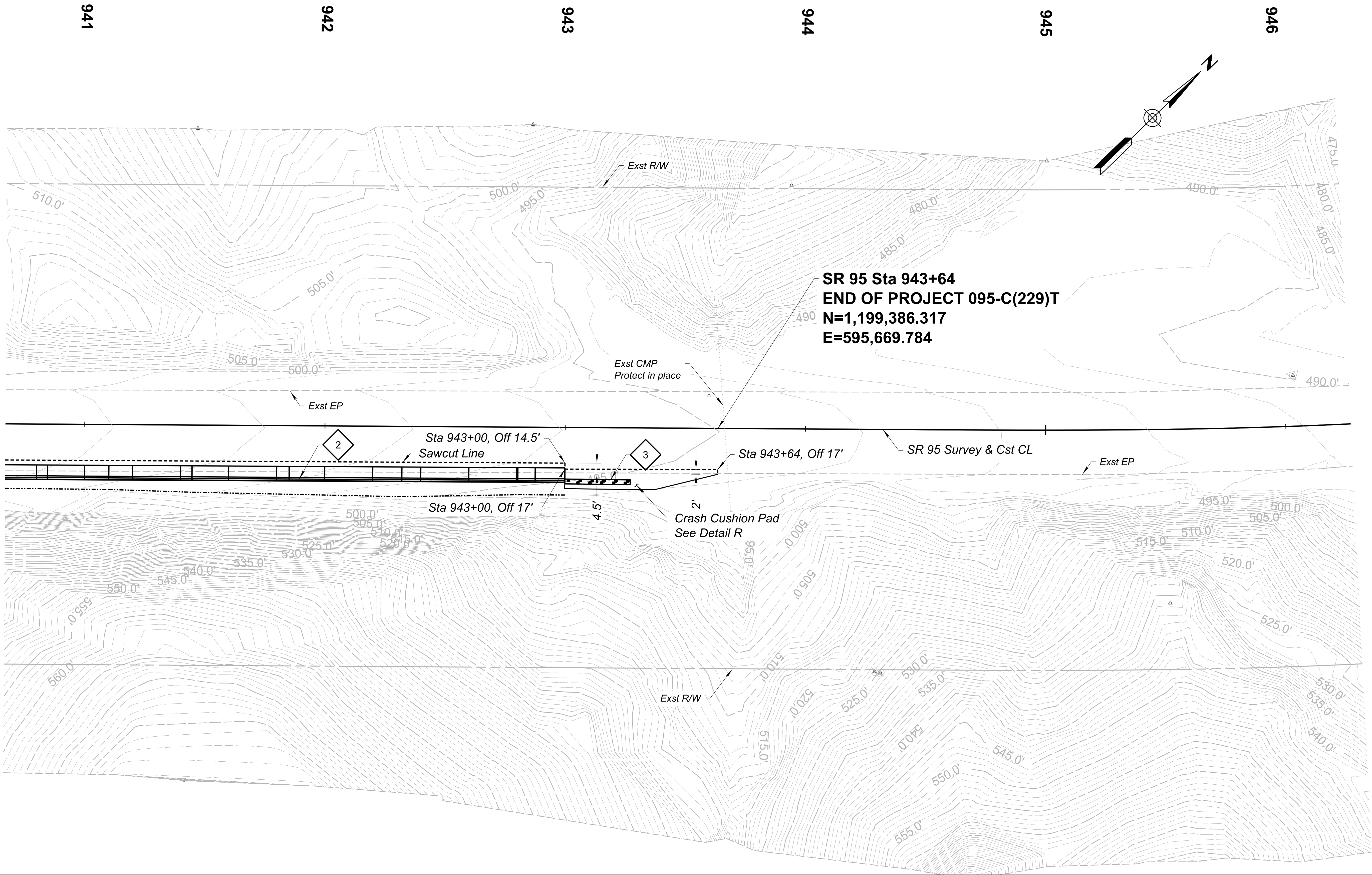
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	DESIGN	M.HASAN	08/26						095 LA 158	095-C(229)T	11	30		
	DRAWN	L.VASQUEZ	08/26											
	CHECKED	M.HASAN	08/26											
	TEAM LEADER	K.HAMMOND	08/26											
					PLAN SHEET	MILEPOST		LOCATION SOUTH OF PARKER DAM						
				STRUCTURE NO.			TRACS NO. F0706 01C							___ OF ___



	DESIGN	M.HASAN	08/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	SR 95	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	095 LA 158	FEDERAL ID NO.	095-C(229)T	SHEET NO.	12	TOTAL SHEETS	30	RECORD DRAWING																										
	DRAWN	L.VASQUEZ	08/26		MILEPOST					LOCATION SOUTH OF PARKER DAM																																		
	CHECKED	M.HASAN	08/26		STRUCTURE NO.		TRACS NO. F0706 01C																																					
	TEAM LEADER	K.HAMMOND	08/26		PLAN SHEET																																							
	SHEET 3 OF 6																																											
	_____ OF _____																																											



	DESIGN	MB, LV	08/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	SR 95	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	095 LA 158	FEDERAL ID NO.	095-C(229)T	SHEET NO.	14	TOTAL SHEETS	30	RECORD DRAWING																								
	DRAWN	L.VASQUEZ	08/26		MILEPOST			LOCATION SOUTH OF PARKER DAM																																		
	CHECKED	M.BLALOCK	08/26		STRUCTURE NO.		TRACS NO. F0706 01C																																			
	TEAM LEADER	K.HAMMOND	08/26		PLAN SHEET																																					
	SHEET 5 OF 6																																									



	NAME	DATE
DESIGN	MB, LV	08/26
DRAWN	L.VASQUEZ	08/26
CHECKED	M.BLALOCK	08/26
TEAM LEADER	K.HAMMOND	08/26

ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE SR 95
PLAN SHEET	MILEPOST
	STRUCTURE NO.

F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 095 LA 158	FEDERAL ID NO. 095-C(229)T	SHEET NO. 15	TOTAL SHEETS 30	RECORD DRAWING
LOCATION SOUTH OF PARKER DAM						SHEET 6 OF 6
TRACS NO. F0706 01C						___ OF ___

TRAFFIC CONTROL NOTES:

1. The contractor shall abide by the traffic control requirements specified in Subsection 104.04 - Maintenance of Traffic - and the general requirements of the specifications.
2. All drawings are schematic only and not to scale.
3. 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 are subject to the approval of the Engineer before beginning construction.
4. Adjustments to the details of these traffic control plans and requirements may be necessary due to construction activities, as directed by the Engineer.
5. All existing signs in conflict with the construction signs shall be removed, relocated, or covered in place, as directed by the Engineer, at the contractor's expense. The contractor shall store and reinstall items which have been removed or relocated in a manner approved by the Engineer. The contractor shall replace any signing damaged by the contractor at the contract's expense.
6. All construction signs shall have black letters on an orange flourescent background, except as otherwise indicated.
7. The retroreflective sheeting on all construction signs, channelizing devices and impact attenuators shall meet the criteria established in Section 1007 of the specifications and in Section 380 of the ADOT Traffic Engineering Policies, Guidelines and Processes.
8. All signs shown on the plans shall be mounted on spring stands, at the height recommended by the spring stand manufacturer.
9. Flags shall be mounted on top of all construction signs, except the "End Road Work Thank You" signs. Type A flashing warning lights shall be required on all construction signs, except the "End Road Work Thank You" signs.
10. All channelizing devices shall be placed 20 feet on center in tapers and 40 feet on center in tangents, except as otherwise noted on the plans for traffic control occurring on SR 95. They shall be vertical panels. A Type C steady-burning, yellow light shall be mounted on every channelization device.
11. For temporary concrete barrier details, see Std. Dwg. C-3. BM-1 (white) or BM-2 (yellow) barrier markers conforming to Std. Dwgs. M-32 and M-33 shall be installed at 20 feet spacing. The contractor may install the barrier markers either consistently on the sides or consistently on the tops of the barrier. The installed price for the markers shall be considered a part of the barrier cost.

12. For temporary concrete barrier setups off the roadway, the contractor shall ensure the earthen material or aggregate base under the temporary concrete barrier, under the temporary impact attenuators, and between the barrier and the roadway is 10:1 or flatter. There shall be no measurement or payment for the placement, maintenance, and removal of earthen material or aggregate base in connection with these setups.
13. Construction signs shall not be displayed to traffic more than 24 hours prior to the 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 part of the sign installation cost. No further compensation will be made. These signs shall be removed within 24 hours after the completion of the construction activities.
14. Speed limit signing is preliminary and is subject to review and change by the Engineer as dictated by field conditions. Required reduced speed limits shall be signed with a W3-5aAZ sign, and a R2-1 sign for each 10 mph reduction.
15. Signing for double fines in work zones, when approved by Engineer, shall generally conform to Figure SA-12 of the current version of the ADOT Traffic Control Design Guidelines. Such signing shall only be in place during working periods when workers are present in accordance with the guidelines for signning for double fines in work zones.
16. Where no closure is necessary but where there is construction alongside a roadway under construction, the contractor shall place 36 inch x 36 inch "ROAD WORK AHEAD" and "SHOULDER WORK AHEAD" signing as directed by the Engineer to alert the public to the construction activities.
17. While traffic control items are not in use, the contractor shall remove these items to a location at least 30 feet from the edge of the paved roadway or behind guardrail or concrete barrier. This includes all supports without sign panels. Any signs which are not in use but which cannot be moved at least 30 feet from the roadway or behind guardrail or concrete barrier shall be covered so the public cannot read the legends.
18. Off-duty uniformed police officers and their vehicles shall be included as part of the contractor's traffic control when the Engineer decides they should be present during the installation, relocation, and removal of temporary concrete barrier, in-line attenuator, and all other traffic control devices.
19. The contractor shall maintain two-way traffic on SR 95 at night, on weekends, on holidays, and as directed by the Engineer.
20. For all traffic contol specified herein to be in accordance with Figure SA-3 of the 2025 Traffic Control Design Guidelines, "One Lane Closure of a Two-Way Roadway Utilizing Pilot Car", the contractor shall use civilian flaggers instead of a pilot car as shown. The contractor shall reduce the speed limit to 25 mph with a 36" x 36" W3-5aAZ (Speed Reduce Ahead) sign and a 24" x 30" speed limit sign for each 10 mph reduced, placed between the W20-4 and W20-7 signs as shown in Figure SA-3. The A/B/C distances shall be 500' minimum as shown in Figure SA-3.
21. For the work that involves setting up temporary concrete barrier (TCB), traffic control shall be in accordance with Figure SA-3 of the 2025 Traffic Control Design Guidelines.

22. For the work that involves draping and scaling rock occuring on SR 95 from Sta 797+80.00 Rt to Sta 800+85.00 Rt and 799+25.00 Lt to Sta 800+94.00 Lt, respectively, traffic control shall be in accordance with DWG. No. T-1.02 and T-1.03 of these traffic control plans. The contractor shall clear the roadway from any rock and debris to the satisfaction of the Engineer before resuming traffic at their stop locations on NB and SB SR 95. The contractor shall clear the shoulders from any rock and debris to the satisfaction of the Engineer before removing the temporary concrete barrier (TCB).
23. For the work that involves improving roadside drainage with ditches and spillways and installing sign occuring on SR 95 from Sta 902+80 Lt to Sta 904+95 Lt (Ditch #1), Sta 904+49 Rt to 905+21 Rt (Ditch #3), Sta 904+81 Rt to Sta 905+03 Rt (Ditch #2) and Sta 908+85 Lt to 911+92 Lt (Ditch #4), traffic control shall be in accordance with Note #16 of this sheet. If lane closure is needed, traffic control shall be in accordance with Figure SA-3 of the 2025 Traffic Control Design Guidelines.
24. For the work that involves improving roadside drainage with ditch and installing sign occuring on SR 95 from Sta 920+19 Rt to Sta 924+70 Rt (Ditch #5), traffic control shall be in accordance with Figure 6H-6 of the 2023 MUTCD, "Shoulder Work with Minor Encroachment (TA-6)" with the channelizing devices extending into the right turn lane, skip and solid lines effectively closing the RTL as approved by the Engineer. The contractor shall place a 36" x 36" R3-6R sign at the downstream and inside of the right turn lane (RTL) for a straight or right turn movement of the NB traffic. If travel lane closure is needed, traffic control shall be in accordance with Figure SA-3 of the 2025 Traffic Control Design Guidelines.
25. For the work that involves installing permanent concrete barriers and attenuators occuring on SR 95 from Sta 937+41 Rt to Sta 943+27 Rt, traffic control shall be in accordance with DWG. No. T-1.04 of these traffic control plans. For the work that involves sawcutting and installing PSS #1, following the construction of the permanent barriers and attenuators and the removal of the temporary concrete barriers (used for permanent barrier constructure), traffic control shall be in accordance with Figure SA-3 of the 2025 Traffic Control Design Guidelines.
26. For the work that involves reinstalling shoulder rumble strips on SR 95 as shown on DWG. No. T-1.05, traffic control shall be in accordance with Figure SA-3 of the 2025 Traffic Control Design Guidelines.
27. For the work that involves restriping the shoulder edge lines on SR 95 as shown on DWG. No. T-1.05, traffic control shall be in accordance with Figure SA-19A of the 2025 Traffic Control Design Guidelines, "Work Zone Traffic Control for Mobile Operation Placement of Rapid-Dry Pavement Marking Two-Lane, Univided Highway".

DESIGN

DRAWN

CHECKED

TEAM LEADER

QH

QH

QH

QF

08/26

08/26

08/26

08/26

NAME

DATE

ARIZONA DEPARTMENT OF TRANSPORTATION

PROJECT DELIVERY AND OPERATIONS DIVISION

TRAFFIC DESIGN SECTION

ROUTE

SR 95

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

ARIZ.

PROJECT NO.

095 LA 158

FEDERAL ID NO.

095-C(229)T

SHEET NO.

16

TOTAL SHEETS

30

RECORD DRAWING

LOCATION

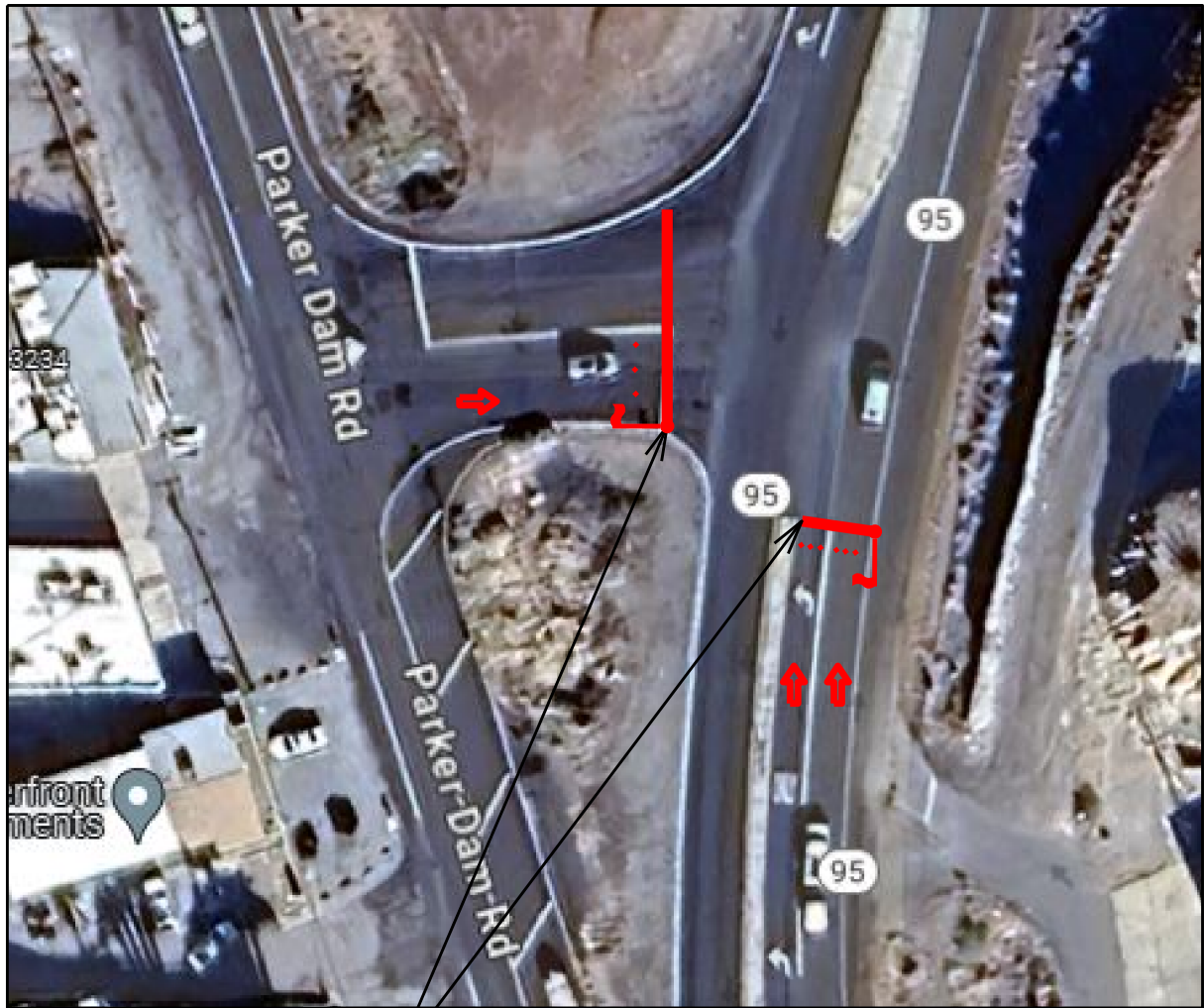
SOUTH OF PARKER DAM

TRACS NO.

F0706 01C

DWG NO. T-1.01

___ OF ___



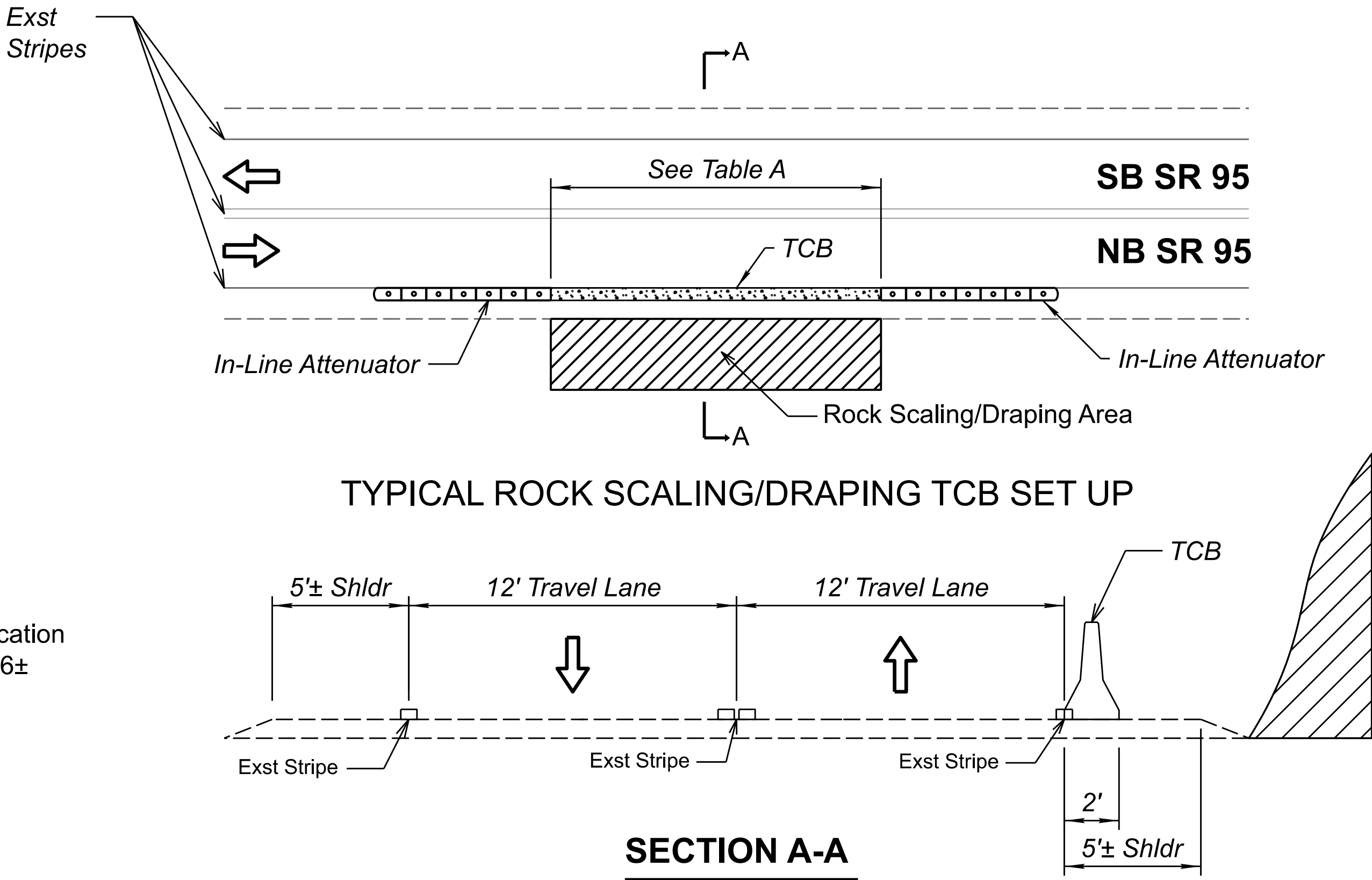
NB Stop
Traffic Locations
MP 158.76±

SR 95 Stop Traffic Locations for Rock Scaling and Rock Draping Work
from Sta 797+80 Rt - Sta 800+85 Rt and Sta 799+25 Lt - Sta 800+94 Lt.



SB Stop
Traffic Location
MP 159.46±

TABLE A. TCB PLACEMENT LENGTH FOR ROCK SCALING AND DRAPING		
BEGIN STA	END STA	LEGNTH (FT)
797+72.00 Rt	800+92.00 Rt	320
799+19.00 Lt	800+99.00 Lt	180



NOTES:

- Details are schematics only and are not to scale.
- Place sign sequence #1-8 on spring stands approaching each stop traffic location on NB, SB SR 95 on the adjacent Rt shoulder with sign #8 being closest and 500' from the stop traffic locations. Distances between signs in sequence are 500' minimum and may be field adjusted as directed by the Engineer. Place signs sequence #9/9a-10 on spring stands starting across from sign #1 of sign sequence #1-8 of the opposite direction.
- Place sign sequence #1, 6, 7, 8 on spring stands approaching stop traffic location on SB Parker Dam Rd on the adjacent Rt shoulder with sign #8 being closest and 100' from the stop traffic location. Distances between signs in sequence are 100' minimum and may be field adjusted as directed by the Engineer.
- Position a civilian flagger at every turnout or driveway that exists in between the NB and SB stop traffic locations along with a 36" x 36" W20-1 sign on spring stand.
- Place 3 type II barricades for each 12' lane of incoming traffic to each stop traffic location.
- Provide a Uniformed Officer at each stop traffic location as directed by the Engineer.
- Stop traffic location mile posts may be adjusted as approved by the Engineer.
- Stop traffic for scaling and draping work shall not exceed 15 minutes at a time unless as approved by the Engineer.
- Scaling and draping work shall be performed on Monday-Thursday from 5 AM to 2 PM. Variations to this schedule shall be as approved by the Engineer.

SIGN LEGENDS:

①

W20-1
36"x36"

②

W3-5aAZ
36"x36"

③

R2-1(45)
24"x30"
Black on White

④

R2-1(35)
24"x30"
Black on White

⑤

R2-1(25)
24"x30"
Black on White

⑥

W20-3
36"x36"

⑦

W20-7
36"x36"

⑧

W3-4
36"x36"

⑨

R2-1(55)
24"x30"
Black on White
(NB SR 95)

⑨A

R2-1(45)
24"x30"
Black on White
(SB SR 95)

⑩

G20-2AZ
48"x36"

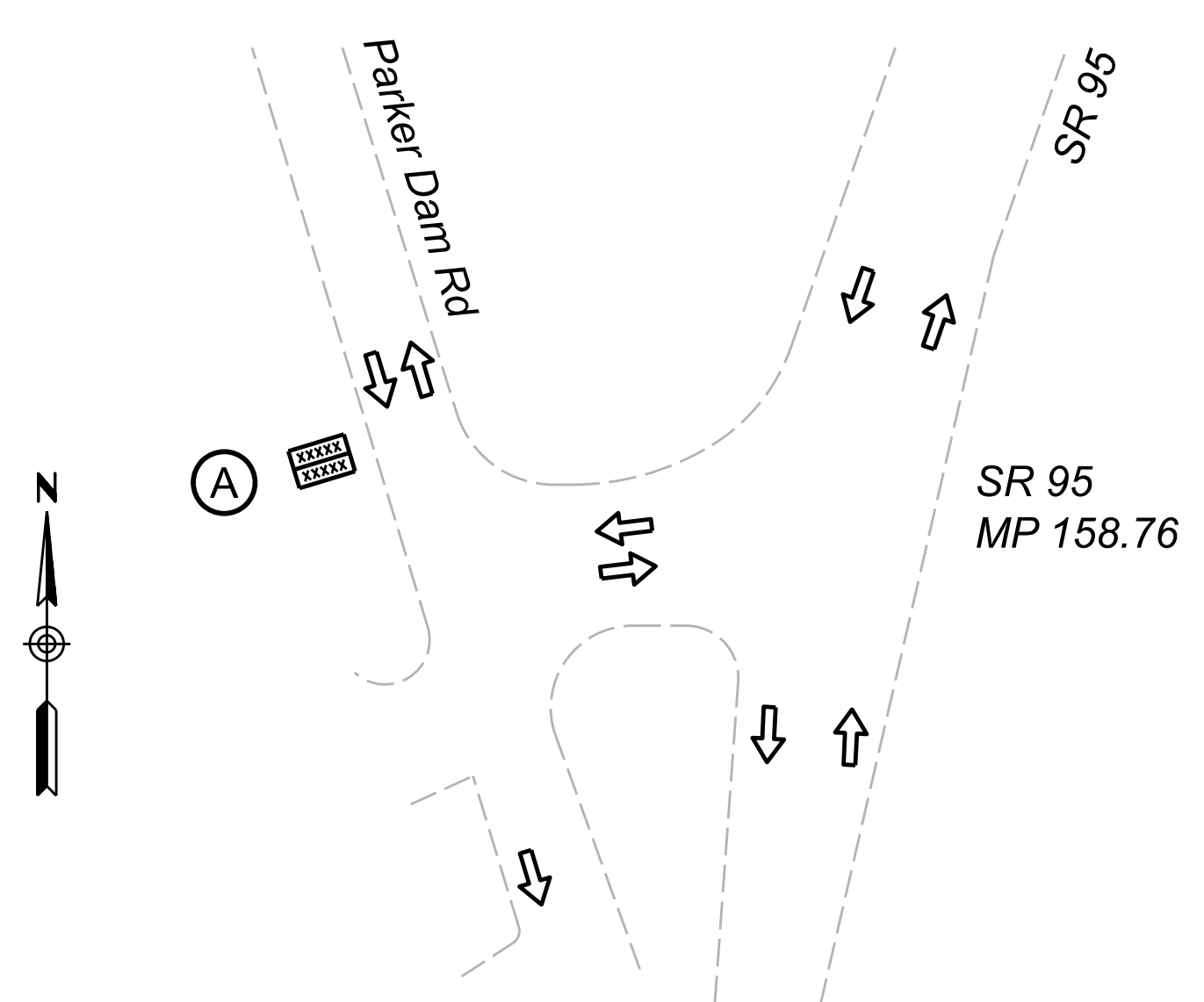
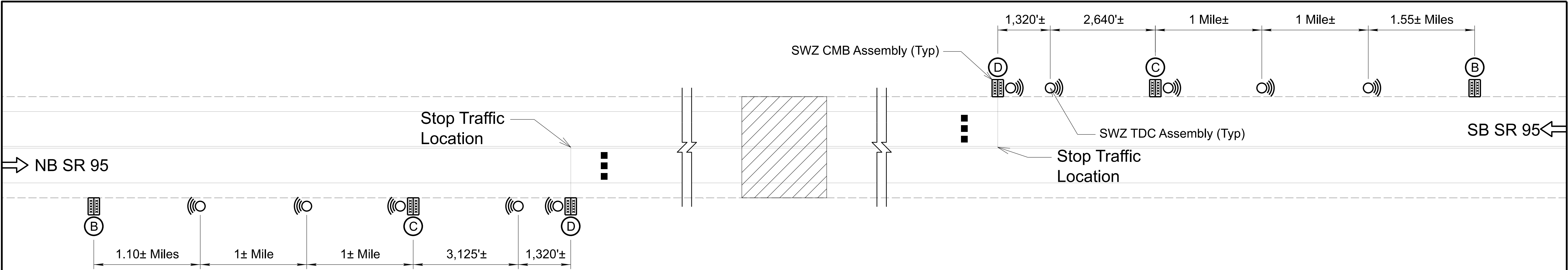
SYMBOL LEGENDS:

	Sign on Spring Stand
	Type II Barricade (Plan/Elevation)
	Direction of Travel
	Type A Flashing Warning Light
	Warning Flags
	Flagger
	Work Area
	In-line Attenuator
	Temporary Concrete Barrier See Std Dwg C-3 for Details



	NAME	DATE
DESIGN	QH	08/26
DRAWN	QH	08/26
CHECKED	QH	08/26
TEAM LEADER	QF	08/26

ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION		ROUTE SR 95	F.H.W.A. Arizona Division		STATE ARIZ.	PROJECT NO. 095 LA 158	FEDERAL ID NO. 095-C(229)T	SHEET NO. 17	TOTAL SHEETS 30	RECORD DRAWING
ROCK SCALING AND ROCK DRAPPING TRAFFIC CONTROL DETAIL		MILEPOST	LOCATION SOUTH OF PARKER DAM		DWG NO. T-1.02					
		STRUCTURE NO.	TRACS NO. F0706 01C				____ OF ____			



SWZ CMB ASSEMBLY MESSAGES

A	B	C	D
ROAD WORK NB SR 95	ROAD WORK AHEAD	ROAD WORK AHEAD	ROAD WORK AHEAD
EXPECT DELAYS	EXPECT DELAYS	EXPECT DELAYS	EXPECT DELAYS

SLOW TRAFFIC NB SR 95	SLOW TRAFFIC	SLOW TRAFFIC	SLOW TRAFFIC
EXPECT DELAYS	XX MILES AHEAD	SLOW SPEED AHEAD	SLOW SPEED AHEAD

STOP TRAFFIC NB SR 95	STOPPED TRAFFIC	STOPPED TRAFFIC *	STOP HERE
EXPECT DELAYS	XX MILES AHEAD	PREPARE TO STOP	

TDC speeds over 45 mph

TDC speeds under 45 mph
but over 20 mph

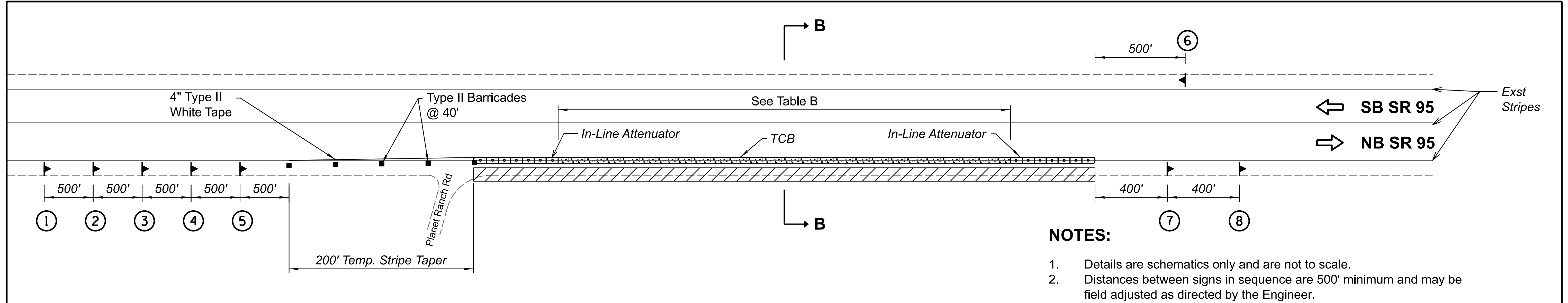
TDC speeds under 20 mph

- NOTES:
- Dimensions on this sheet pertain to Smart Work Zone (SWZ) equipment only. Traffic control signing and devices are shown for reference only. For dimensions pertaining to traffic control signing and devices, see Traffic Control Plans.
 - SWZ Changeable Message Board (CMB) Assembly messages shown on this sheet with asterisks (*) shall dynamically update to display the distance to the back of queue as detected by the SWZ Traffic Data Collection (TDC) Assembly locations.
 - SWZ Traffic Data Collection (TDC) Assembly locations, SWZ CMB Assembly locations, messages, and speed threshold may be field-adjusted at the Engineer's discretion. All suggested messages shall be approved by the Engineer prior to them being displayed.
 - Details are schematics only.
 - The contractor shall place 10 Type 2 barricades, each with an affixed Type C, steady-burning, yellow light around each SWZ Changeable Message Board (CMB) Assembly.
 - The SWZ QWS shall be used when traffic is stopped both NB and SB for rock scaling and rock draping work activities.
 - For more information on Smart Work Zone Systems see Section 710 of the 2021 Standard Specifications.

SYMBOL LEGENDS:

	Type II Barricade (Plan/Elevation)
	Direction of Travel
	Work Area
	SWZ Changeable Message Board (CMB) Assembly
	SWZ Traffic Data Collection (TDC) Assembly

	DESIGN	QH	08/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE	SR 95	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	095 LA 158	FEDERAL ID NO.	095-C(229)T	SHEET NO.	18	TOTAL SHEETS	30	RECORD DRAWING				
	DRAWN	QH	08/26		MILEPOST					LOCATION									DWG NO. T-1.03			
	CHECKED	QH	08/26							SOUTH OF PARKER DAM									TRACS NO. F0706 01C		OF	
	TEAM LEADER	QF	08/26																			
											SMART WORK ZONE QUEUE WARNING SYSTEM (QWS) TRAFFIC CONTROL	STRUCTURE NO.										



TYPICAL PERMANENT BARRIERS AND ATTENUATORS INSTALL TCB SET UP

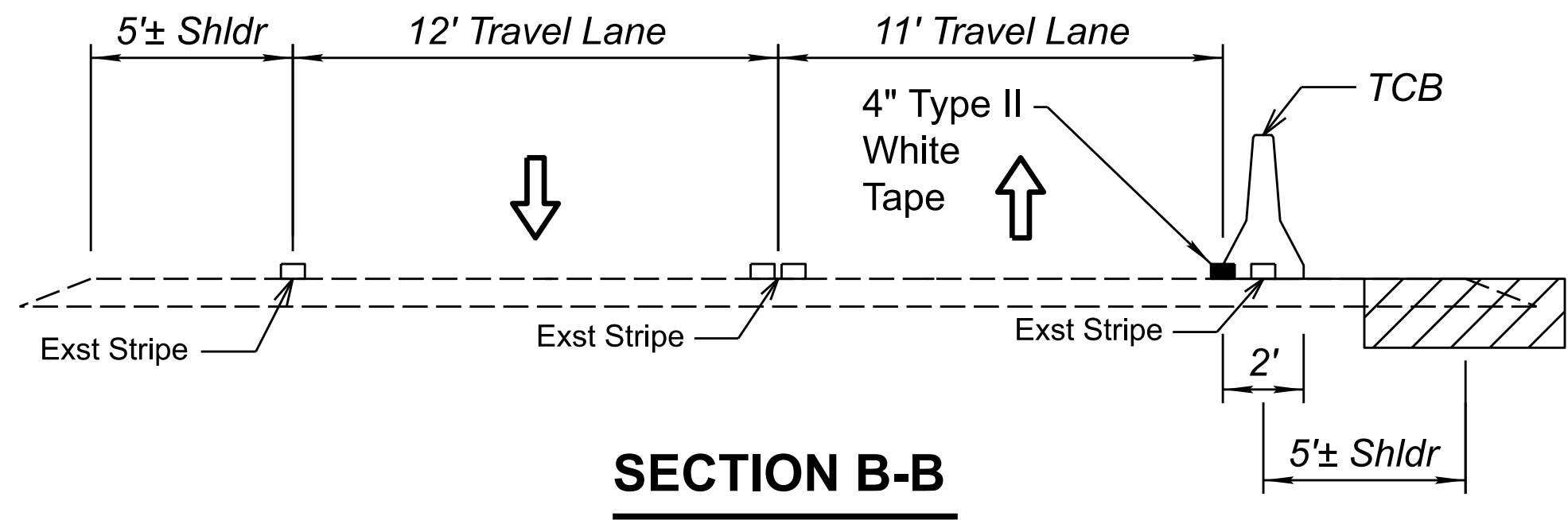


TABLE B. TCB PLACEMENT LENGTH FOR PERMANENT BARRIERS AND ATTENUATORS INSTALL		
BEGIN STA	END STA	LEGNTH (FT)
937+40.00 Rt	943+60.00 Rt	620

SIGN LEGENDS:

36" x 36" W21-5c	W3-5aAZ 36"x36"	R2-1(45) 24"x30" Black on White	R2-1(35) 24"x30" Black on White	36" x 36" W21-5bR	W20-1 36"x36"	R2-1(55) 24"x30" Black on White	G20-2AZ 48"x36"

SYMBOL LEGENDS:

	Sign on Spring Stand
	Type II Barricade (Plan/Elevation)
	Direction of Travel
	Type A Flashing Warning Light
	Warning Flags
	Work Area
	In-line Attenuator
	Temporary Concrete Barrier See Std Dwg C-3 for Details

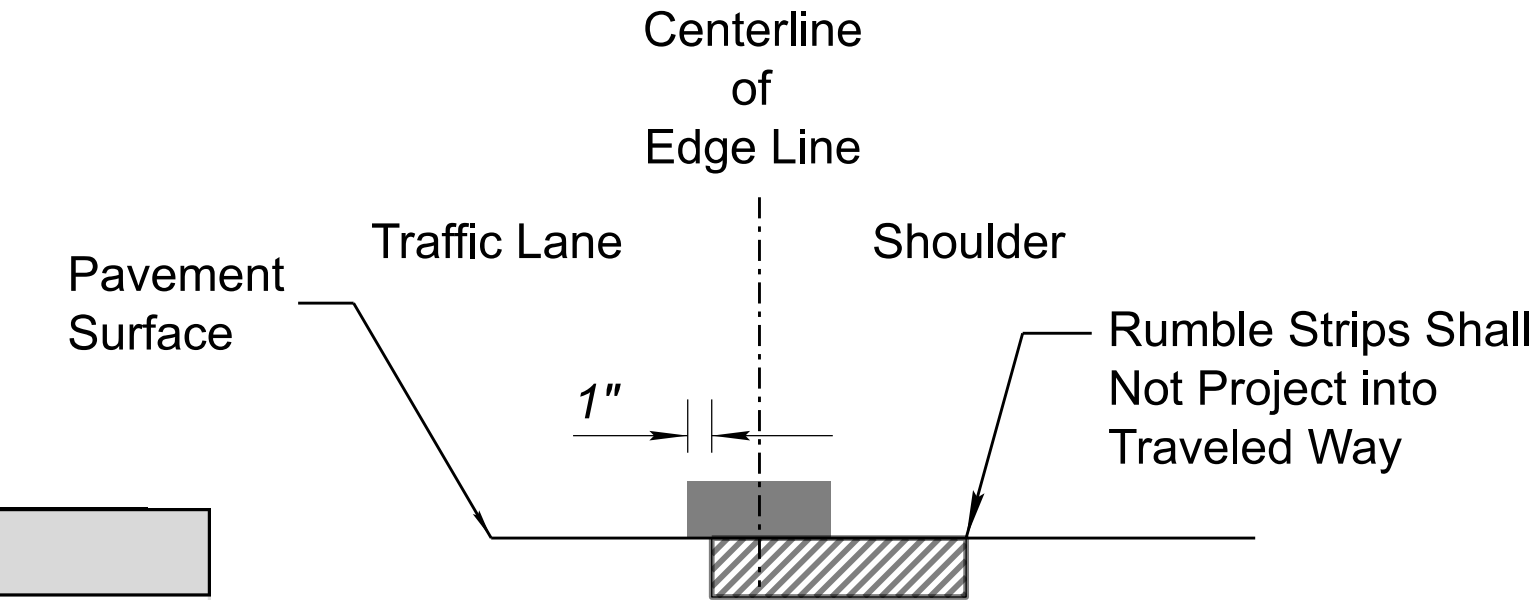
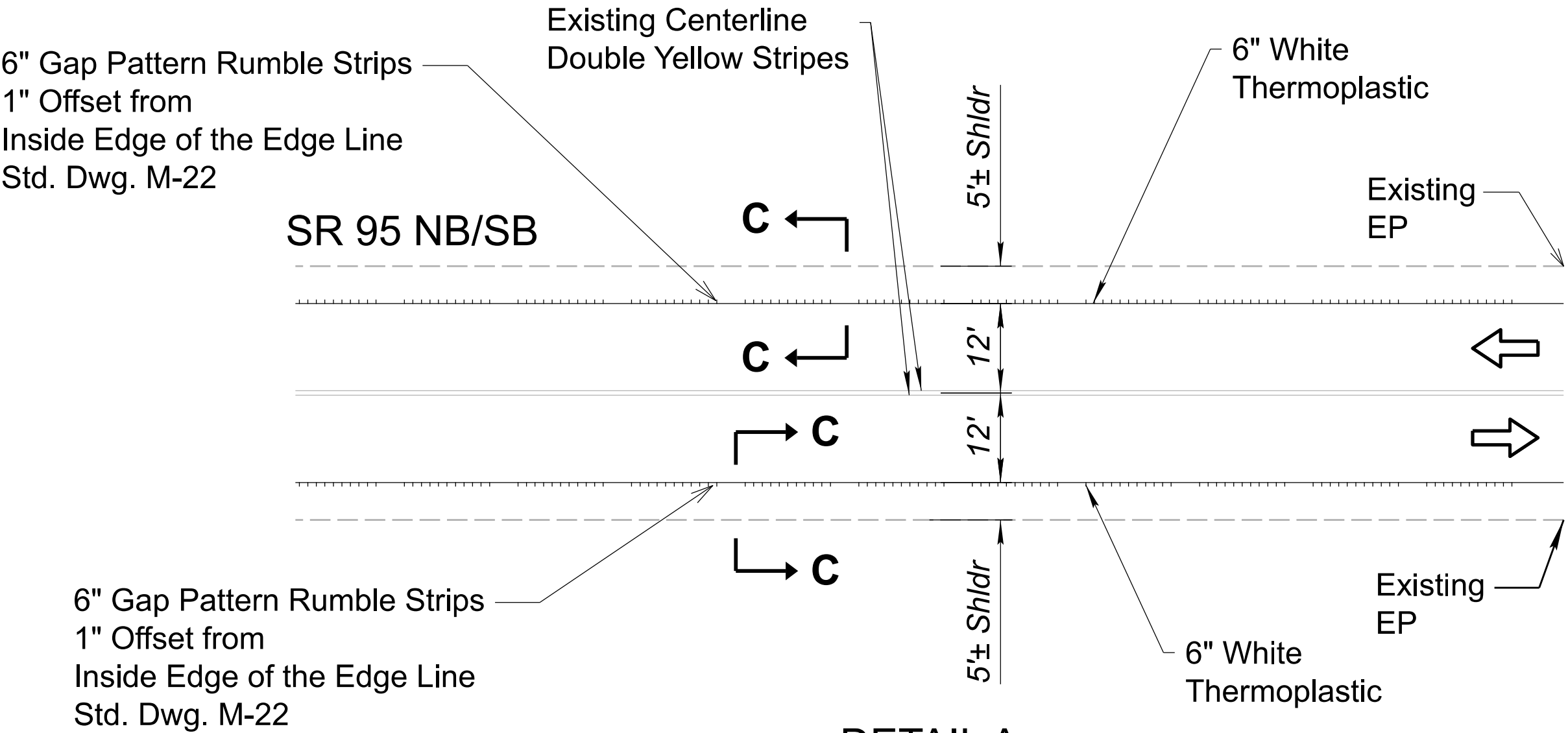
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	DRAWN	QH	DATE	08/26		MILEPOST	LOCATION SOUTH OF PARKER DAM															
	CHECKED	QH	DATE	08/26		STRUCTURE NO.	TRACS NO. F0706 01C															
	TEAM LEADER	QF	DATE	08/26																		
PERMANENT BARRIER AND ATTENUATOR INSTALLATION TRAFFIC CONTROL DETAIL					DWG NO. T-1.04 ____ OF ____																	

PAVEMENT MARKING NOTES

1. At the completion of the final pavement surface (shoulder repave areas), edge lines shall be replaced in kind (Detail A) with one application of Waterborne -Type I Pavement Markings (paint) at the locations of the permanent striping. The paint shall have a minimum thickness of 15 mils wet. All painted striping shall be 4 inches wide for 6" final.
2. Final striping shall be 90 mil (0.090 inches) thick alkyl extruded thermoplastic reflectorized striping placed over the initial striping, placed at a minimum of 30 calendar days after the initial striping.
3. The contractor shall install, 6" wide, ground-in, longitudinal, gap pattern (30/10) rumble strips (RS), where shoulders were repaved, 1" offset from the inside edge of the edge lines on NB and SB SR 95 per Std. Dwg. M-22 of the ADOT Signing and Marking Standards and as shown on Detial A.
4. The contractor shall isntall the rumble strips prior to installing the final striping.
5. The dimensions shown to pavement striping are to the center of the striping.
6. 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 be a minimum of 55 degree F and rising for the placement of thermoplastic striping.
7. The contractor shall preserve all roadway signs, sign supports, object markers, and milepost markers. The contractor shall replace any signs, sign supports or markers damaged as a result of the construction at the contractor's expense.

SIGNING NOTES

1. All signs shall be in compliance with the Manual on Uniform Traffic Control Devices (2009 Edition), the current revision of the Signing and Marking Standard Drawings, the Traffic Engineering Manual of Approved Signs and the ADOT Traffic Engineering Guidelines and Processes (TGP).
2. New embedded sign locations shall be adjusted per AZ811 markings and as approved by the Engineer to avoid utility conflict.
3. The contractor shall be responsible for avoiding all overhead and underground utility lines when installing and removing sign panels, supports and foundations.
4. The contractor shall contact Northern Region Signing and Striping Superintendent Kyle Seisinger at (928) 277-2925 at least 7 days prior to the final signing layout for the layout inspection.
5. 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 installing the signs.
6. All new signs shall be fabricated of flat sheet aluminum as indicated in Section 608 of the Specifications, unless otherwise noted.
7. All new ground-mounted signs shall be installed on new square tube posts with foundations in accordance with Std. Dwg. S-3, unless otherwise noted.
8. The retroreflective sheeting on all new signs shall meet criteria established in Section 380 of the ADOT Traffic Engineering Guidelines and Processes (TGP).
9. All existing signs and sign supports disturbed or damaged by the construction shall be reset or replaced by the contractor at no cost to the Department.
10. Shop drawings will be required.



STRIPING AND RUMBLE STRIPS REINSTALL LOCATION		
BEGIN STA	END STA	LEGNTH (FT)
797+80.00 Rt	800+85.00 Rt	**305
799+25.00 Lt	800+94.00 Lt	**169
920+19.00 Rt	924+70.00 Rt	**451
937+41.00 Rt	943+27.00 Rt	586

** Reinstall if shoulders are milled and replaced as directed by the Egeineer.

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
7040005	PAVEMENT MARKING (WHITE EXTRUDED THERMOPLASTIC) (0.090")	L.Ft	2,267
7080201	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED) (WHITE)	L.Ft	1,511
9280034	GROUND-IN RUMBLE STRIP (6 INCH)	L.Ft	1,133

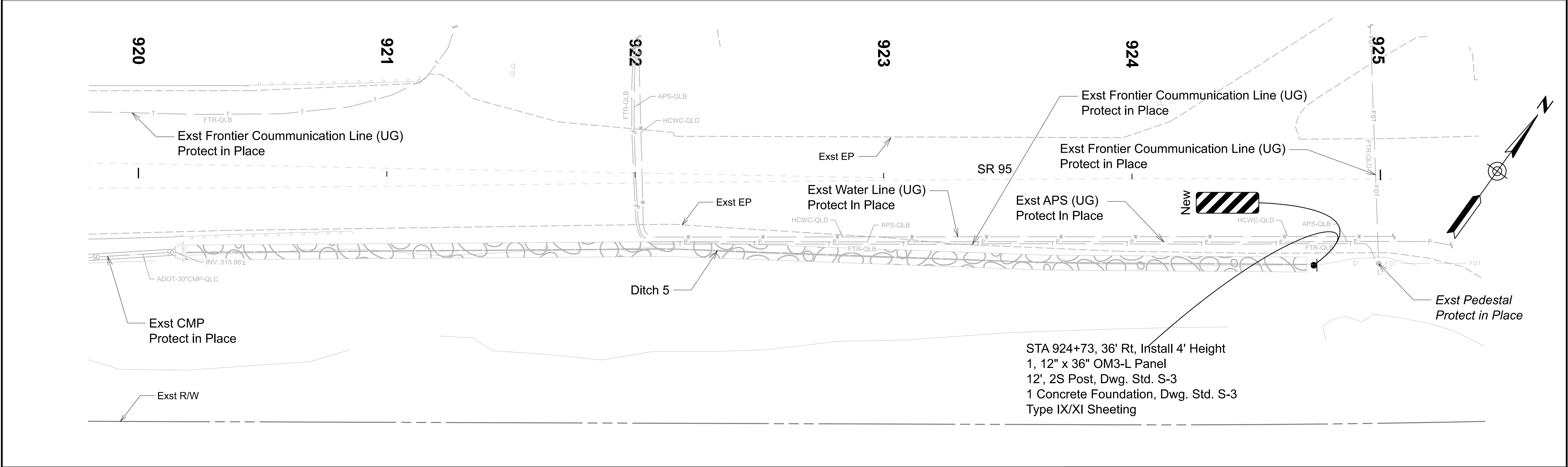
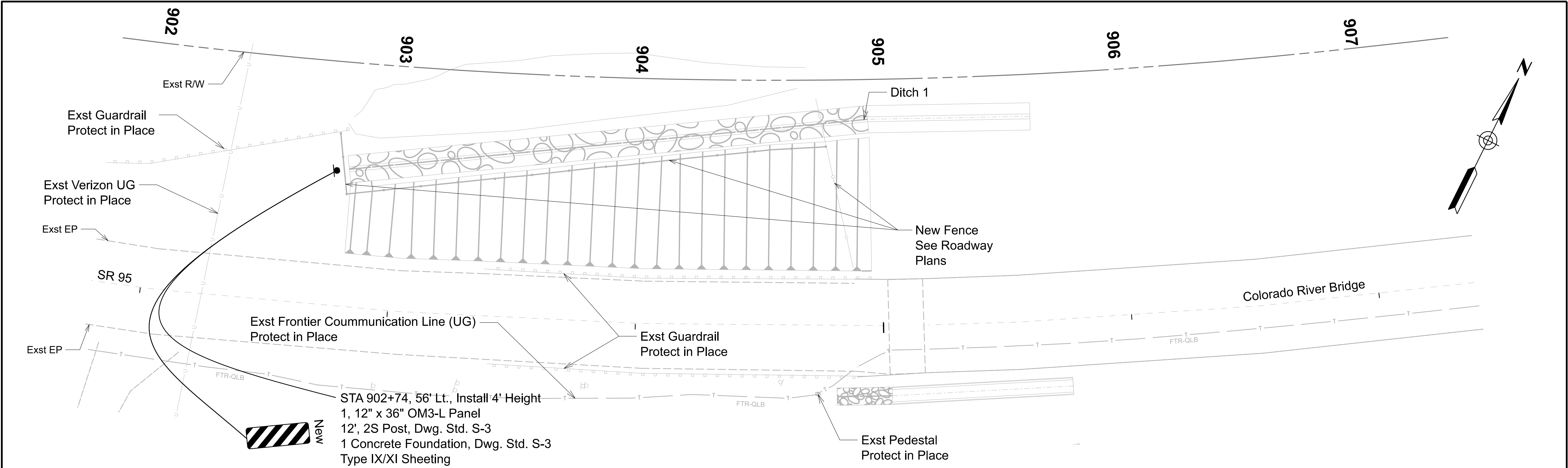
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
6070054	SIGN POST (PERFORATED) (2 S)	L.Ft	24
6070060	FOUNDATION FOR SIGN POST (CONCRETE)	Each	2
7030080	OBJECT MARKER (M-23) (TYPE 3)	Each	2



	NAME	DATE
DESIGN	QH	08/26
DRAWN	QH	08/26
CHECKED	QH	08/26
TEAM LEADER	QF	08/26

ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE SR 95
PAVEMENT MARKING NOTES AND PAVEMENT MARKING QUANTITIES	MILEPOST
	STRUCTURE NO.

F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 095 LA 158	FEDERAL ID NO. 095-C(229)T	SHEET NO. 20	TOTAL SHEETS 30	RECORD DRAWING
LOCATION SOUTH OF PARKER DAM						DWG NO. T-1.05
TRACS NO. F0706 01C						___ OF ___

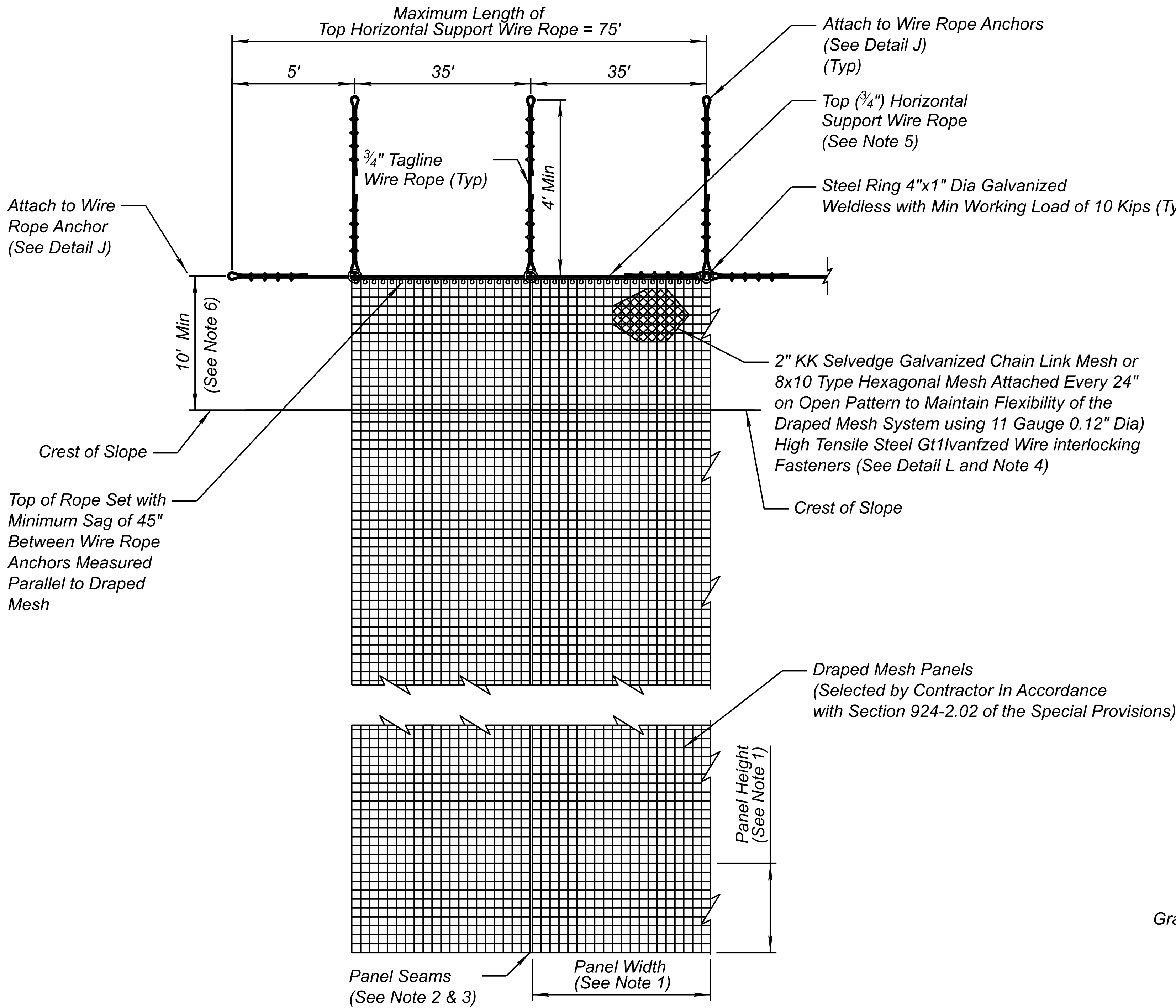


	DESIGN	QH	08/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	ROUTE	SR 95	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	095 LA 158	FEDERAL ID NO.	095-C(229)T	SHEET NO.	21	TOTAL SHEETS	30	RECORD DRAWING	
	DRAWN	QH	08/26		MILEPOST			LOCATION SOUTH OF PARKER DAM									DWG NO. T-1.06		
	CHECKED	QH	08/26		STRUCTURE NO.			TRACS NO. F0706 01C											
	TEAM LEADER	QF	08/26		OBJECT MARKER SIGNS PLAN SHEET														
								_____ OF _____											

REDUCED SIZE
Do Not Scale

REDUCED SIZE
Do Not Scale

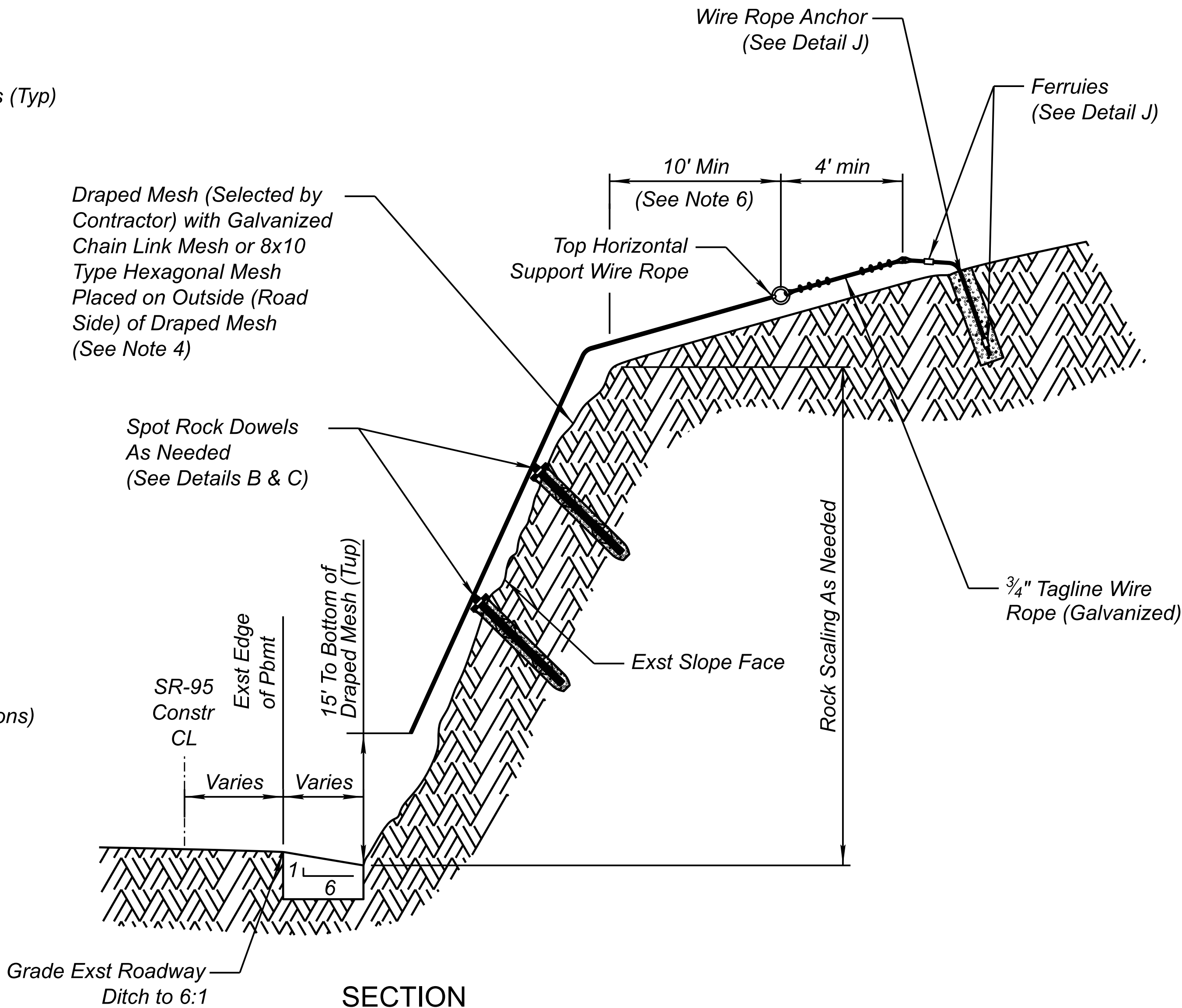
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	095-C(229)T	22	30	
095 LA 158					



FRONT SLOPE ELEVATION
Scale: Not To Scale

NOTES:

- Panel Height and Width will be Determined by Draped Mesh Fabric Selected by The Contractor in Accordance with Section 924-2.02 of the Special Provisions.
- Where Draped Mesh Panels are Seamed with Galvanized Wire Rope, the Wire Rope shall be of 1/2" 11 6x19 IWRC Construction with Minimum Breaking Load Equal to 20,000 lb/ft. Seam Wire Rope shall be Passed Through Each Square of Net. End of Seam Wire Rope Is to be Looped on Itself and Terminated with (2) Wire Rope Clips Corresponding to the Wire Diameter.
- Where Draped Mesh Panels are Seamed With Shackles, Shackles shall be Screw Pin Forged Chain Type and shall be a Minimum 1/2" 2.0 Ton WLL, and shall be Attached at Each Mesh Opening or Ring.
- Galvanized Chain Link Mesh or 8x10 Type Hexagonal Mesh Backing Must be Fastened to the Draped Fabric Prior to Placement on the Slope. If Hexagonal Mesh is Used, All Edges shall be Mechanically Selvege to Prevent Unraveling.
- The Top Horizontal Support Rope, Wire Rope Anchor and Tagline Wire Rope shall be of 3/4" 11 6x19 IWRC EIPS Construction with a Minimum Breaking Load of 52,000 lbs. Draped Mesh Panels to be Attached to 3/4" Top Rope with 5/8" Screw Pin Anchor Shackles. Shackles shall Exhibit 5.0 Ton WLL, and shall be Attached at Each Mesh Opening or Ring.
- The Area Beneath the Draped Mesh Above the Crest of the Slope shall be Cleared and Grubbed from Station 1394+00 to Staffon 1405+16. The Cost shall be Included in the Rockfall Mitigation Bid Items.

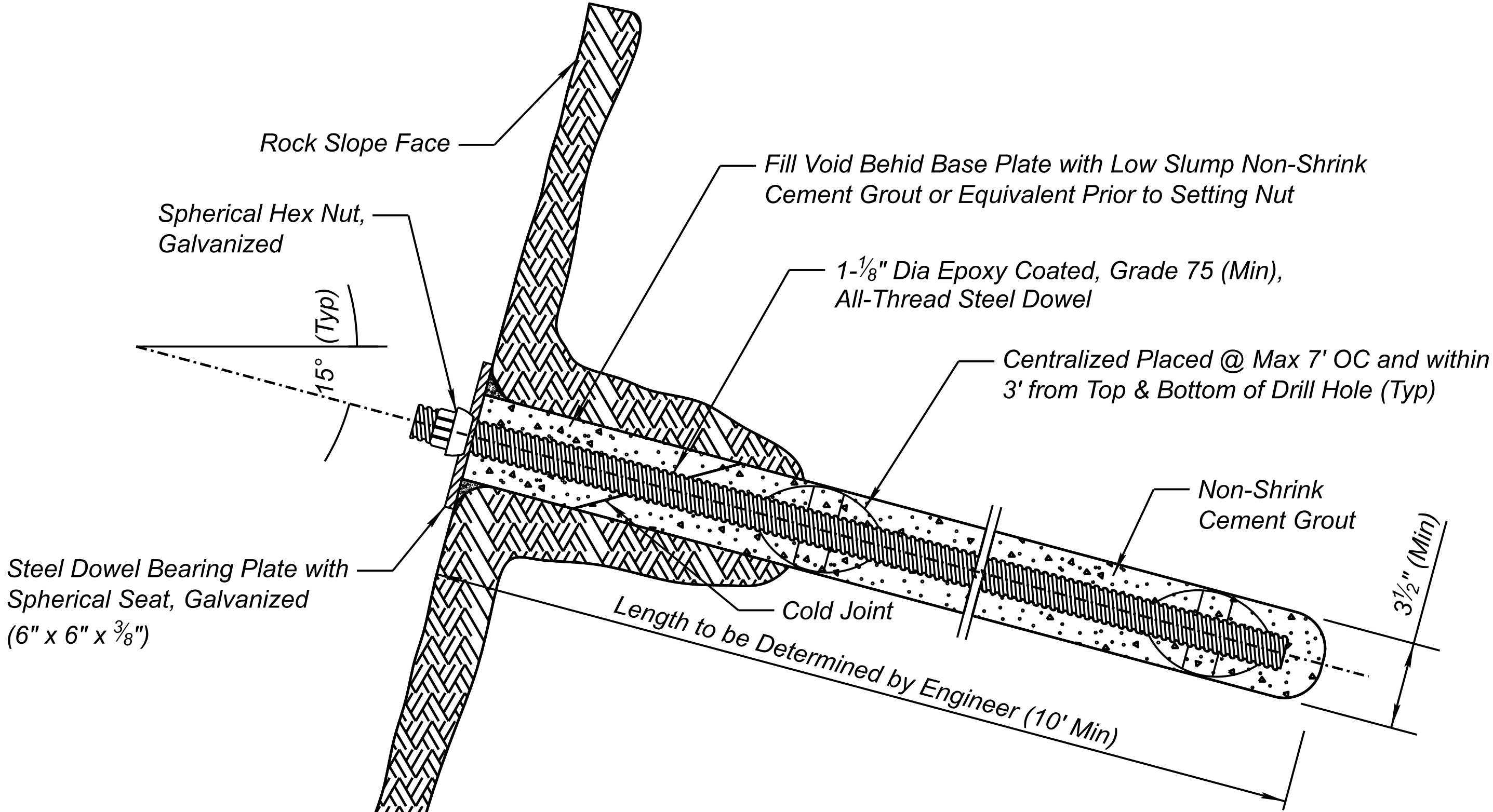


SECTION
(looking Up Station)
See Rockfall Mitigation Plan
For Draped Mesh Limits
Scale: Not To Scale

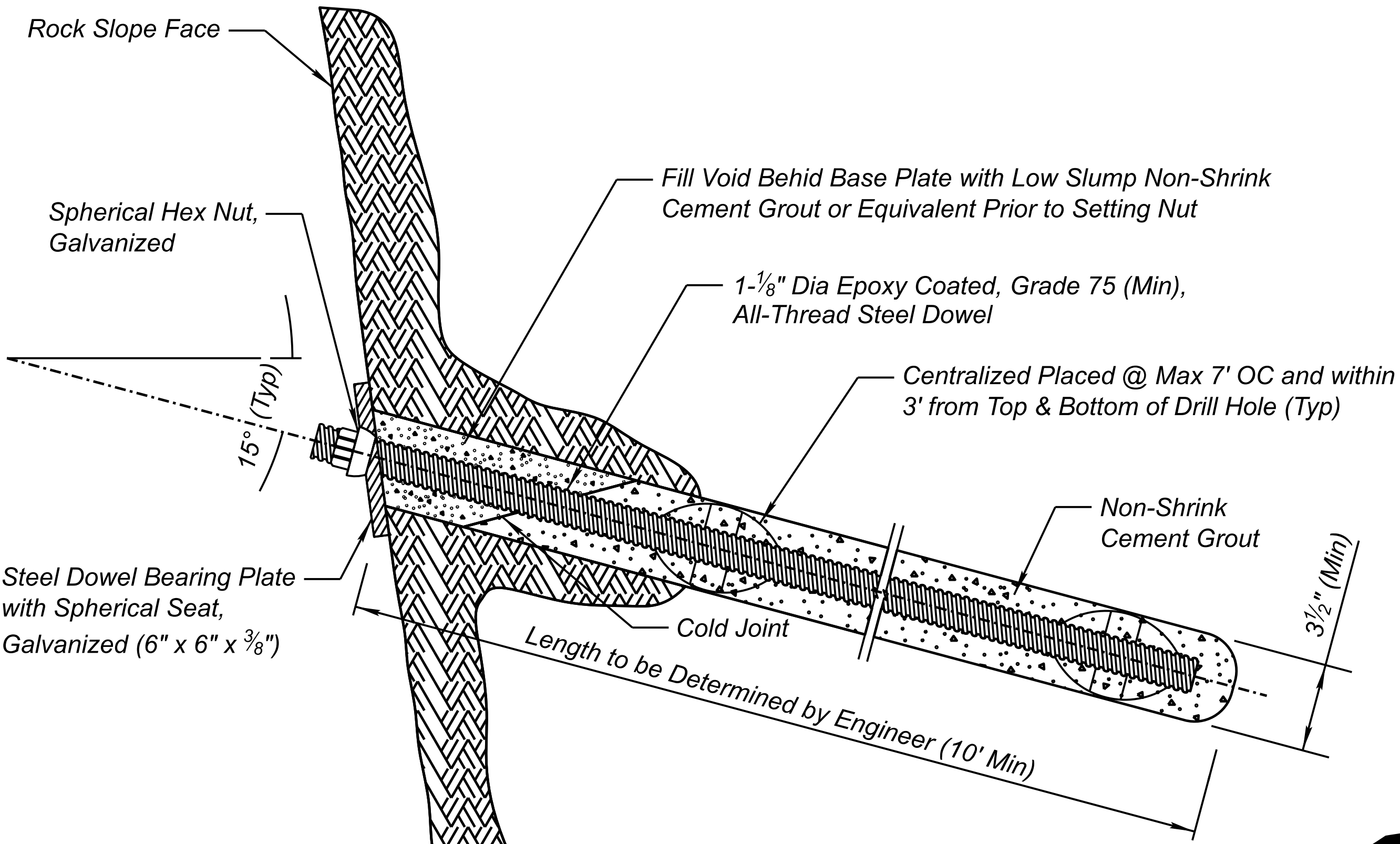
DETAIL A
DRAPE MESH SEGMENTS

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION
DRAWN	T. NIEMYJSKI	08/26	BRIDGE DESIGN SECTION
CHECKED	Y. BOUGTEB	08/26	SOUTH OF PARKER DAM
TEAM LEADER	P. Brun	08/26	DETAIL A
ROUTE	LOCATION		
SR 95	SOUTH OF PARKER DAM		
TRACS NO.	F0706 01C		095-C(229)T

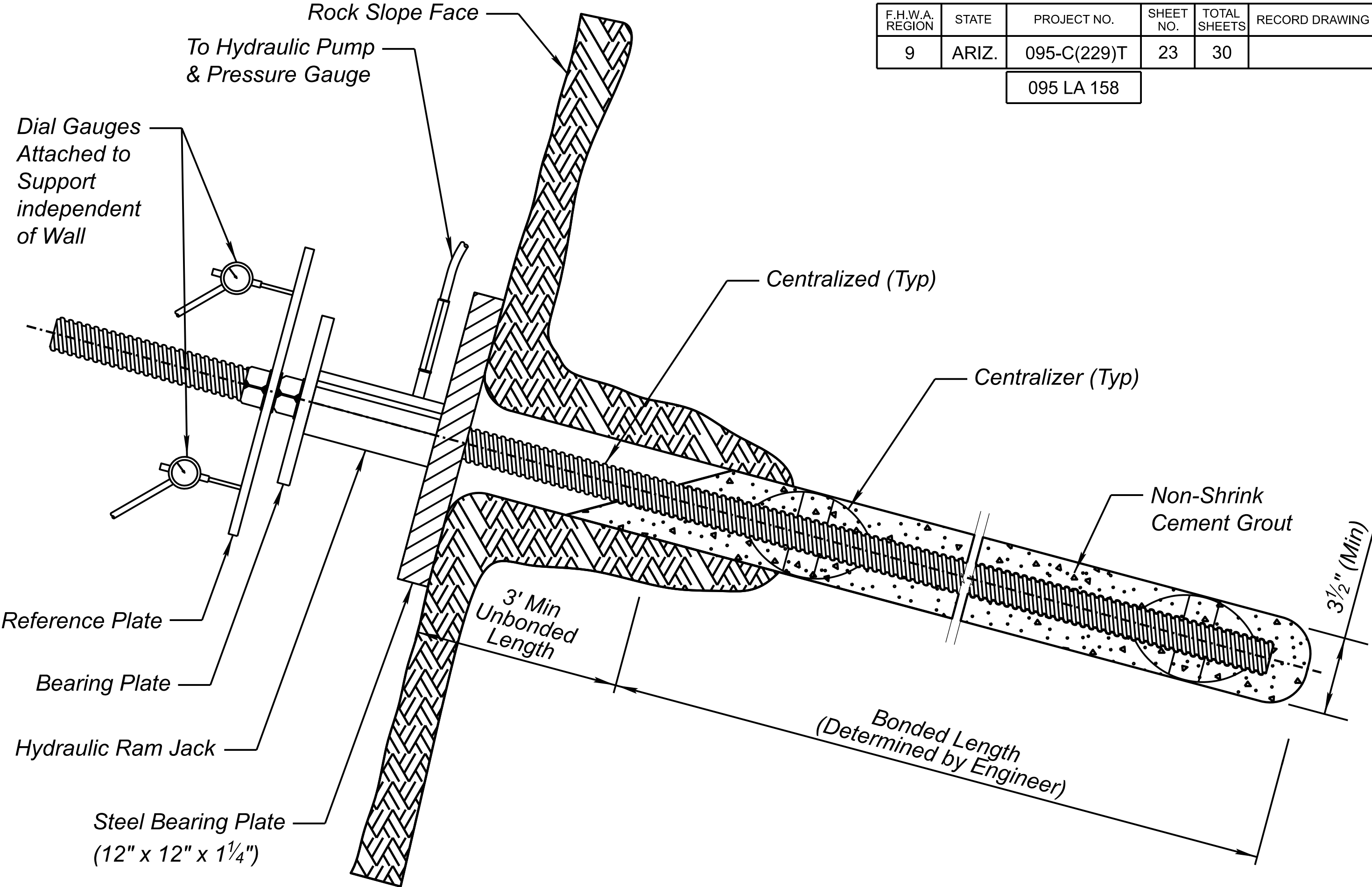
45786 TAD C. NIEMYJSKI REGISTERED PROFESSIONAL ENGINEER ARIZONA U.S.A.
SHEET 1 OF 8
OF



DETAIL B
SPOT ROCK DOWEL



DETAIL C
SPOT ROCK DOWEL



DETAIL D
SPOT ROCK DOWEL

Location	Dowel Length	No. of Dowels
As Needed	8 FT	15
As Needed	10 FT	7
As Needed	12 FT	5

- GENERAL NOTES:
- Station, Length, and Dowel Quantities are Approximate for Bidding Purposes. Actual Quantities will be determined by the Engineer Following Scaling Operations and Measured in the Field.
 - All Hardware and Material Shall be in Accordance with Section 294-2.04 of the Special Provisions.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	095-C(229)T	23	30	
095 LA 158					

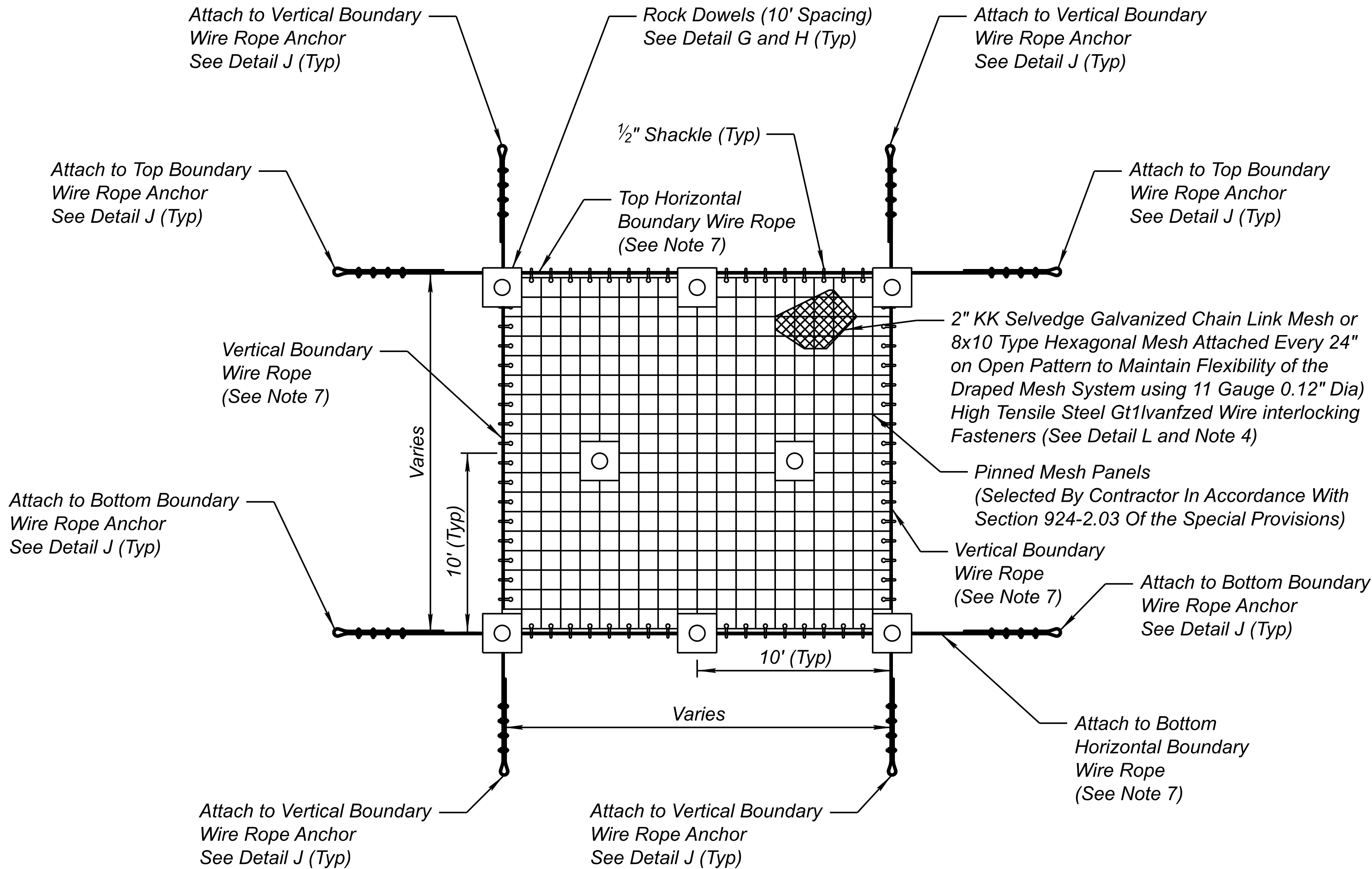
	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION BRIDGE DESIGN SECTION SOUTH OF PARKER DAM DETAIL B,C, & D		
DESIGN	T. NIEMYJSKI	08/26			
DRAWN	Y. BOUGTEB	08/26			
CHECKED	T. NIEMYJSKI	08/26			
TEAM LEADER	P. Brun	08/26			
ROUTE	LOCATION	SOUTH OF PARKER DAM			
SR 95					
TRACS NO.			F0706 01C		095-C(229)T <i>Ed. Niem</i>



REDUCED SIZE
Do Not Scale

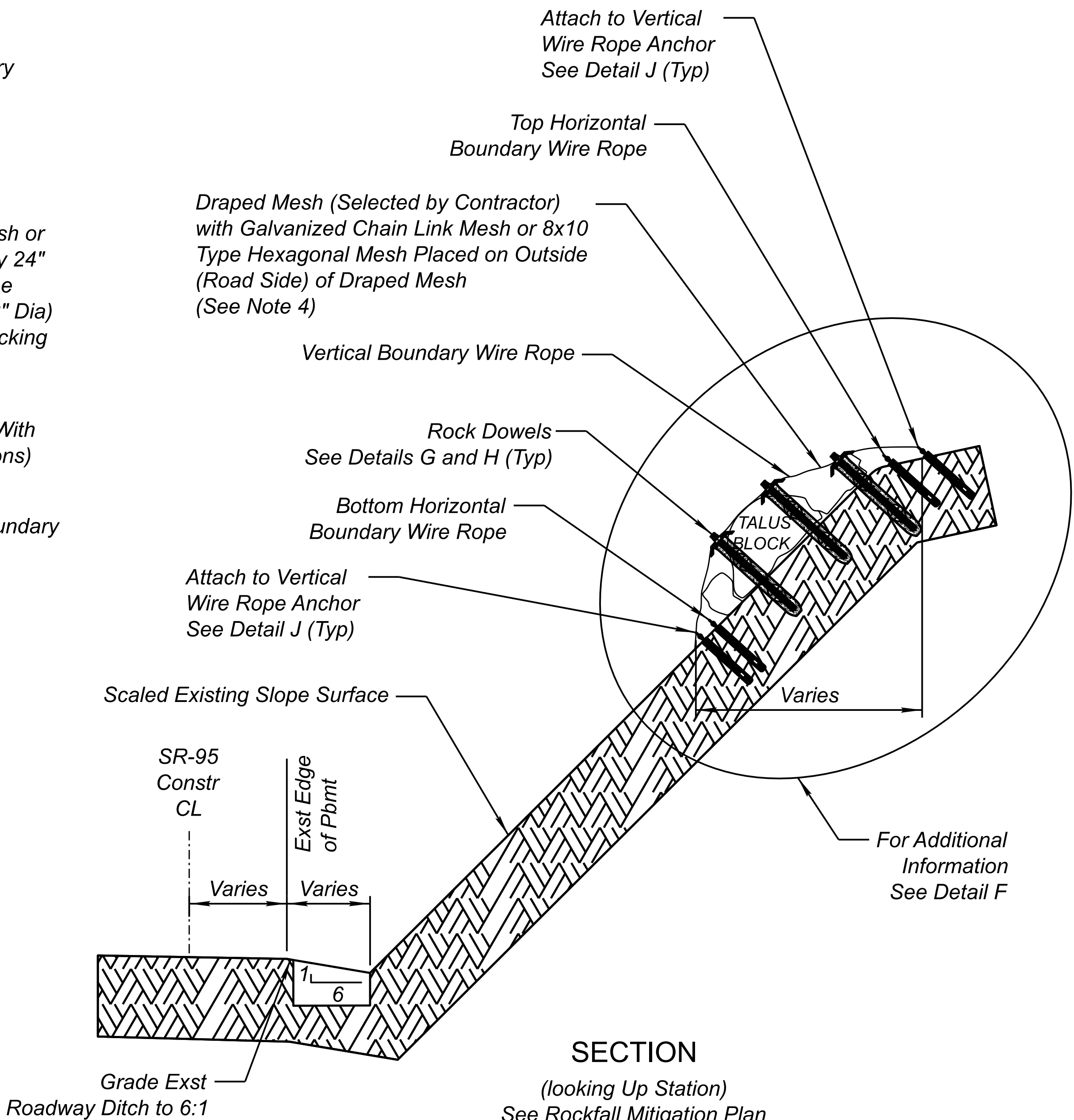
REDUCED SIZE
Do Not Scale

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	095-C(229)T	24	30	
095 LA 158					



FRONT SLOPE ELEVATION
Scale: Not To Scale

- NOTES:
- Pinned Mesh Locations to be Determined by the Engineer In the Field Following Excavation of Slope to 1H:1V. The Cost of the Pinned Mesh Area Will Not be Paid for Separately and Will be Considered as Included in the Cost of the Rockfall Draped Mesh, Except that All Materials, Including Boundary Ropes, Shackles, Dowels, and Dowel Appurtenances Will be Paid for as Specified in Subsection 109.04 of the Standard Specifications.
 - Fabric Selected by the Contractor In Accordance with Section 924-2.03 of the Special Provisions.
 - Where Pinned Mesh Panels are Seamed with Galvanized Wire Rope, the Wire Rope shall be of 1/2" 6x19 IWRC Construction with Minimum Breaking Load Equal to 20,000 lb. Seam Wire Rope shall be Passed through Each Square of Net. End of Seam Wire Rope is to be Looped on itself and Terminated with (2) Wire Rope Clips Corresponding to the Wire Diameter.
 - Where Pinned Mesh Panels are Seamed with Shackles, Shackles shall be Screw Pin Forge Chain Type and shall be a Minimum 1/2" 2.0 Ton WLL. and shall be Attached at Each Mesh Opening or Ring.
 - Galvanized Chain Link Mesh or 8x10 Type Hexagonal Mesh Backing must be Fastened to the Pinned Fabric Prior to Placement on the Slope. If Hexagonal Mesh Is Used, All Edges shall be Mechanically Selvedged to Prevent Unraveling.
 - Pinned Mesh Panels to be Attached to Horizontal and Vertical Support Ropes with 1/2" Screw Pin Forge Chain Type Shackles. Shackles Shall Exhibit 2.0 Ton WLL, and shall be Attached at Each Mesh Opening or Ring.
 - Horizontal and Vertical Boundary Wire Ropes shall be of Galvanized 1/2" 6x19 IWRC Construction with Minimum Breaking Load of 20,000 lbs.
 - Tension Dowels to 10 kips to Form Fabric Against Talus Blocks.



SECTION
(looking Up Station)
See Rockfall Mitigation Plan
For Draped Mesh Limits
Scale: Not To Scale

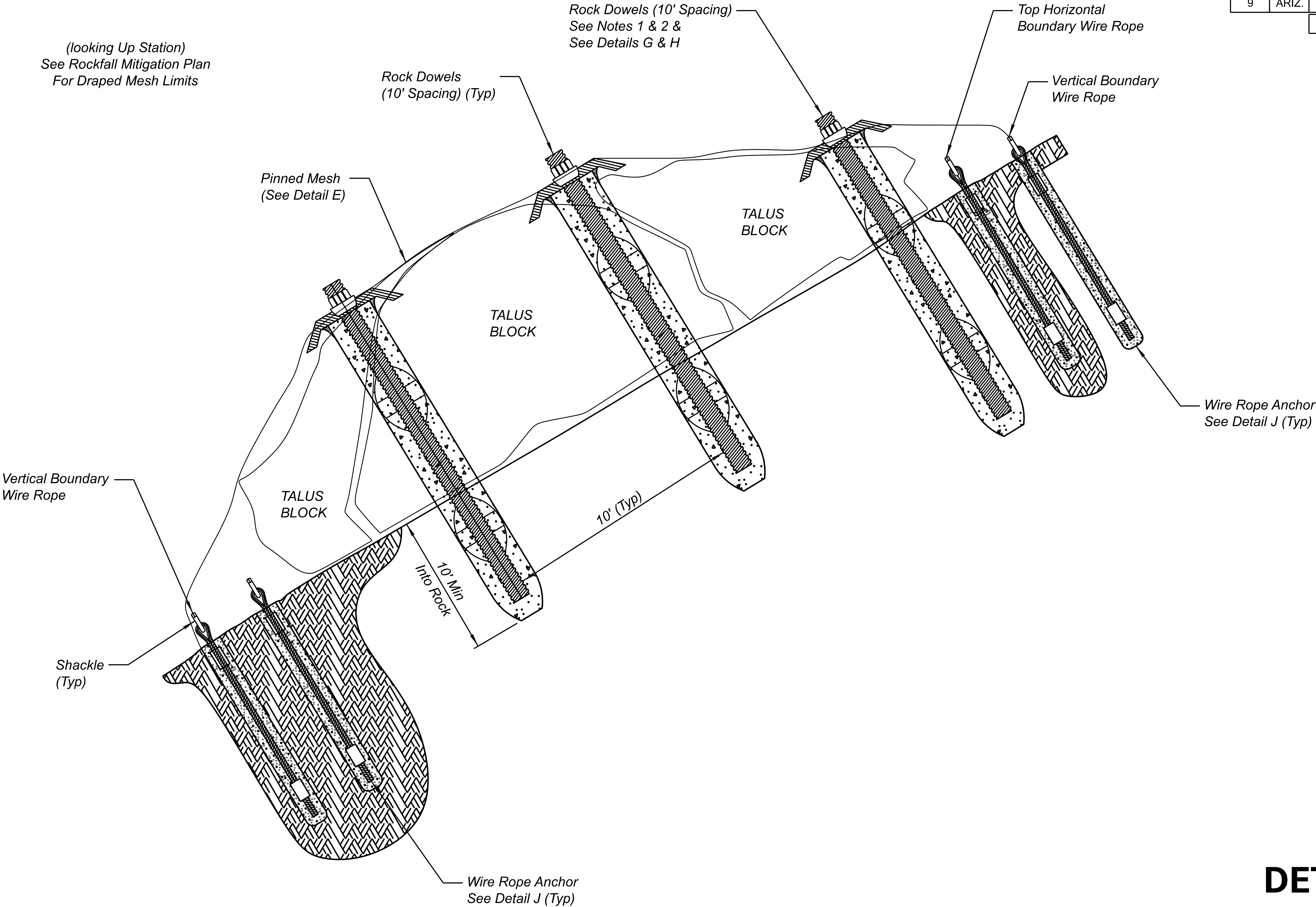
DETAIL E

DRAPE MESH SEGMENTS

	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION BRIDGE DESIGN SECTION SOUTH OF PARKER DAM DETAIL E		
DESIGN	T. NIEMYJSKI	08/26			
DRAWN	Y. BOUGTEB	08/26			
CHECKED	T. NIEMYJSKI	08/26			
TEAM LEADER	P. Brun	08/26			
ROUTE	LOCATION				
SR 95		SOUTH OF PARKER DAM			
TRACS NO. F0706 01C				095-C(229)T	



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	095-C(229)T	25	30	
095 LA 158					



- NOTES:
- Rock Dowels Placed on 10' Spacing Horizontally and Vertically Within Pinned Mesh Area.
 - Tension Dowels to JO kips to Form Fabric Against Talus Blocks.

DETAIL F
PINNED MESH DRAPE

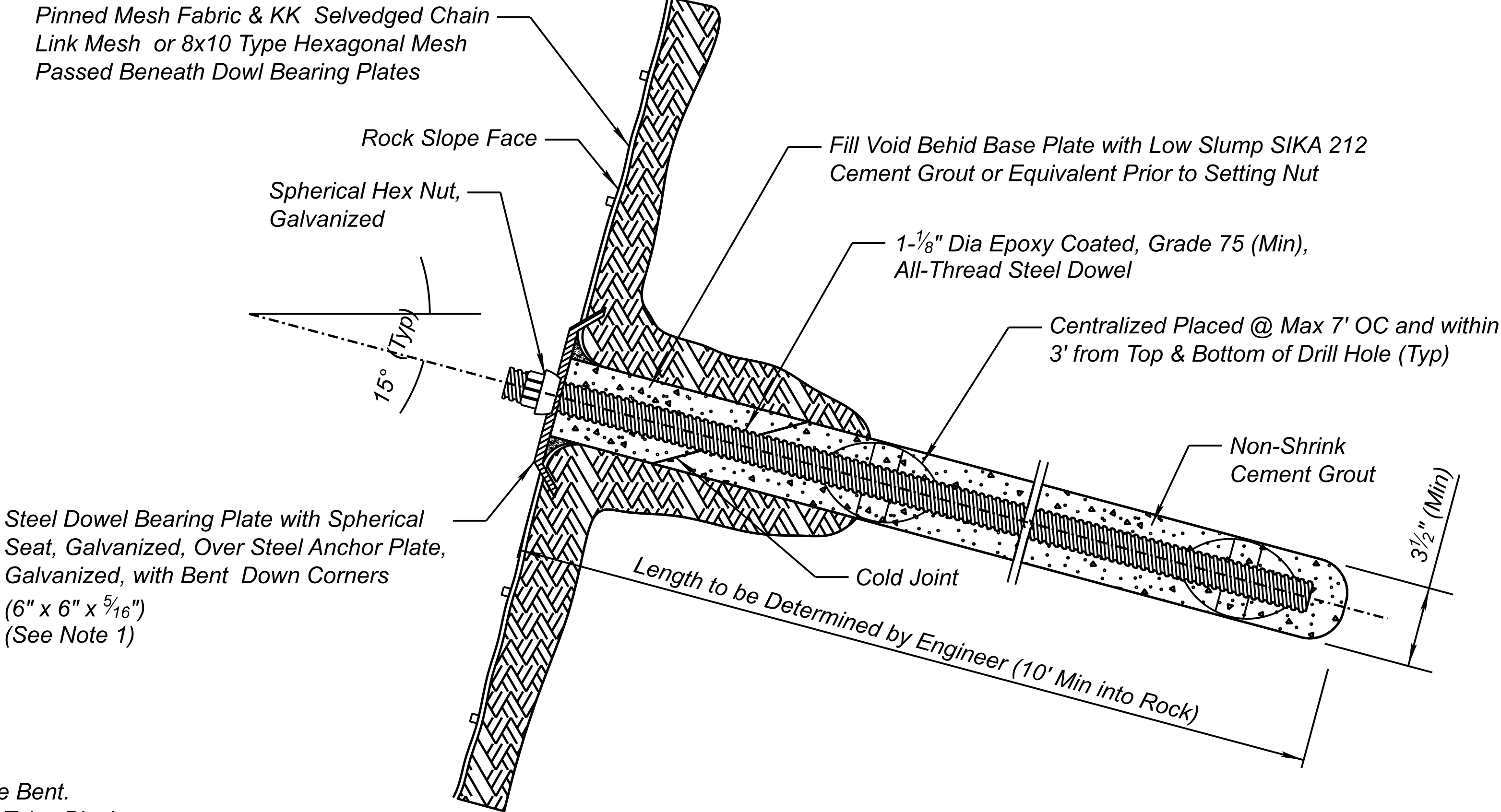
	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION BRIDGE DESIGN SECTION SOUTH OF PARKER DAM DETAIL F	
DESIGN	T. NIEMYJSKI	08/26		
DRAWN	Y. BOUGTEB	08/26		
CHECKED	T. NIEMYJSKI	08/26		
TEAM LEADER	P. Brun	08/26		
ROUTE	LOCATION	SOUTH OF PARKER DAM		
SR 95				
TRACS NO.		F0706 01C		095-C(229)T



SHEET 4 OF 8

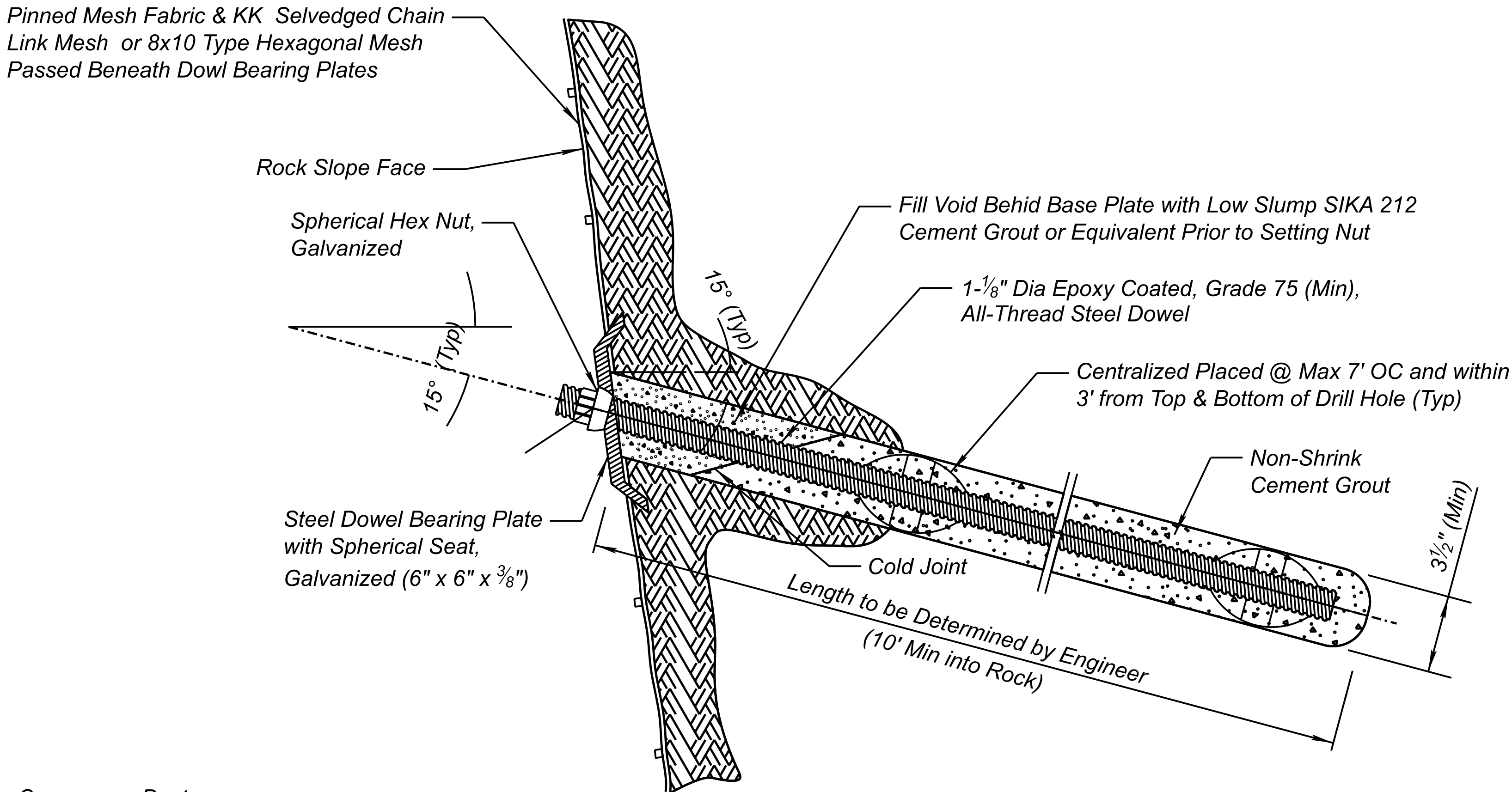
OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	095-C(229)T	26	30	
095 LA 158					



- NOTES:
- Plates Shall Be Galvanized After Plate Corners are Bent.
 - Tension Dowels to 10 kips to Form Fabric Against Talus Blocks.

DETAIL G
TYPICAL ROCK DOWEL
PINNED MESH SEGMENTS

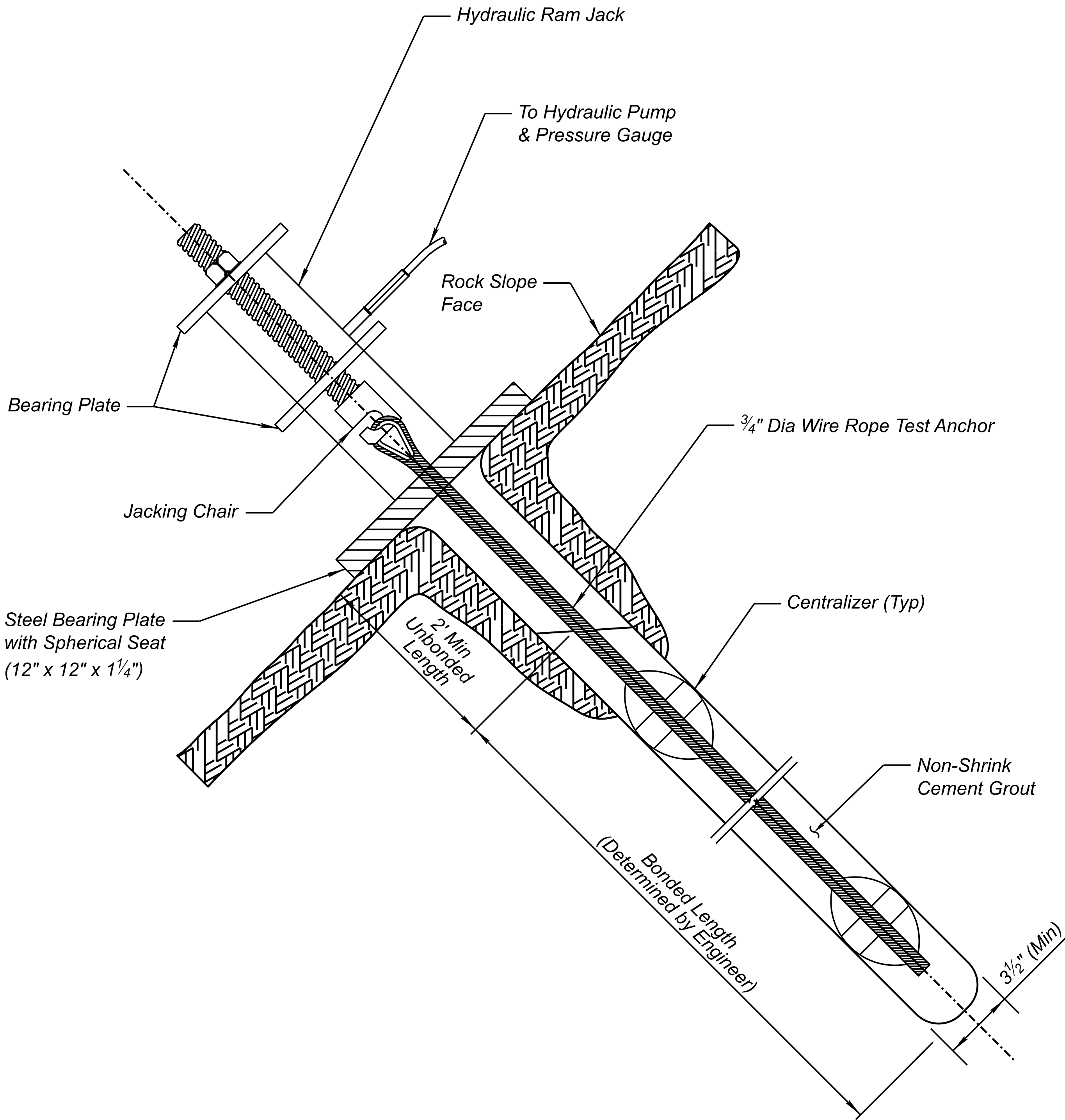


- NOTES:
- Plates Shall Be Galvanized After Plate Corners are Bent.
 - Tension Dowels to 10 kips to Form Fabric Against Talus Blocks.

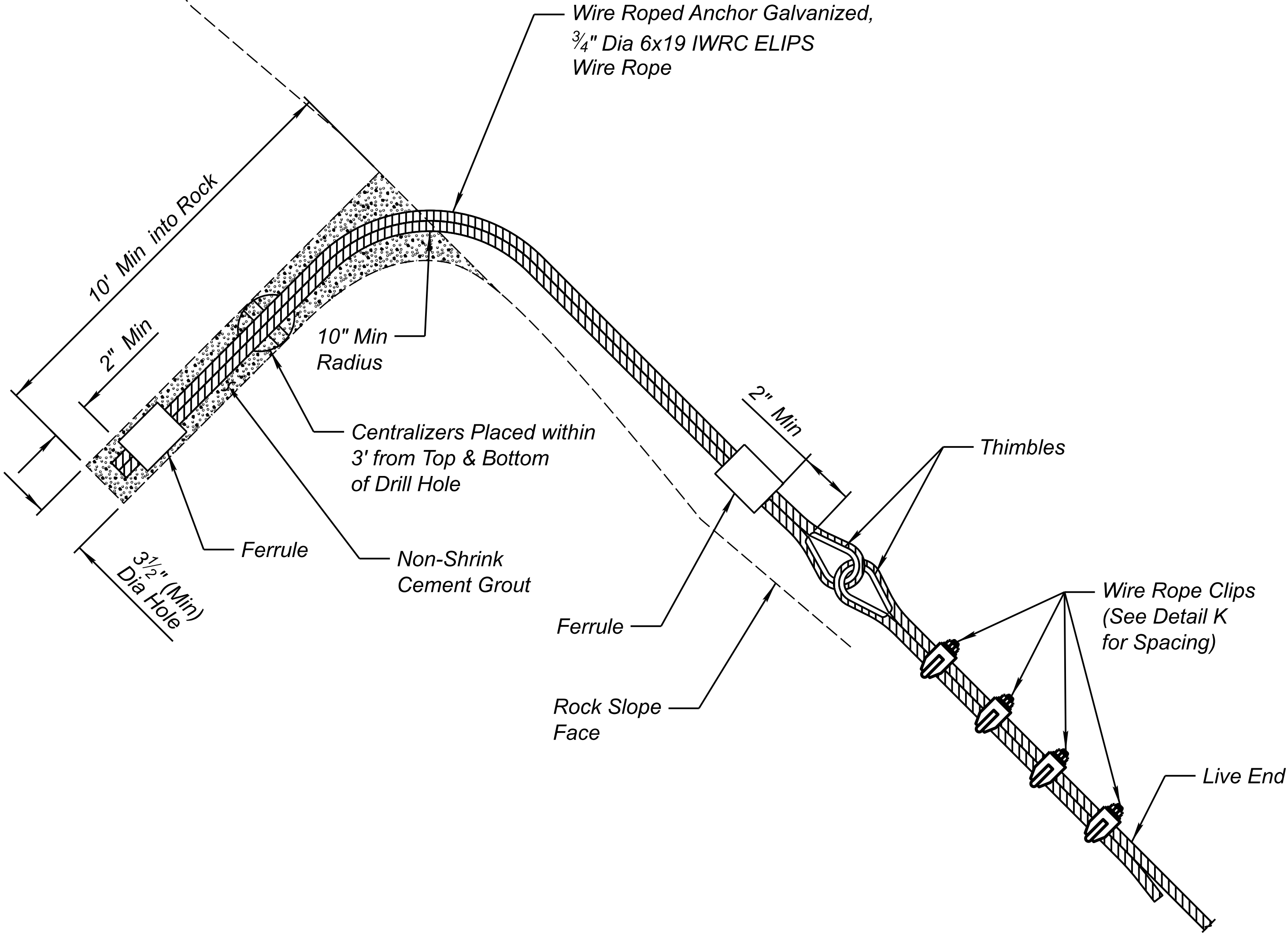
DETAIL H
TYPICAL ROCK DOWEL
PINNED MESH SEGMENTS
OVERHANG CONTAINMENT

		NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION BRIDGE DESIGN SECTION SOUTH OF PARKER DAM DETAIL G & H	
DESIGN		T. NIEMYJSKI	08/26		
DRAWN		Y. BOUGTEB	08/26		
CHECKED		T. NIEMYJSKI	08/26		
TEAM LEADER		P. Brun	08/26		
ROUTE		LOCATION			
SR 95				SOUTH OF PARKER DAM	
TRACS NO. F0706 01C				095-C(229)T	SHEET 5 OF 8
					___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	095-C(229)T	27	30	
095 LA 158					



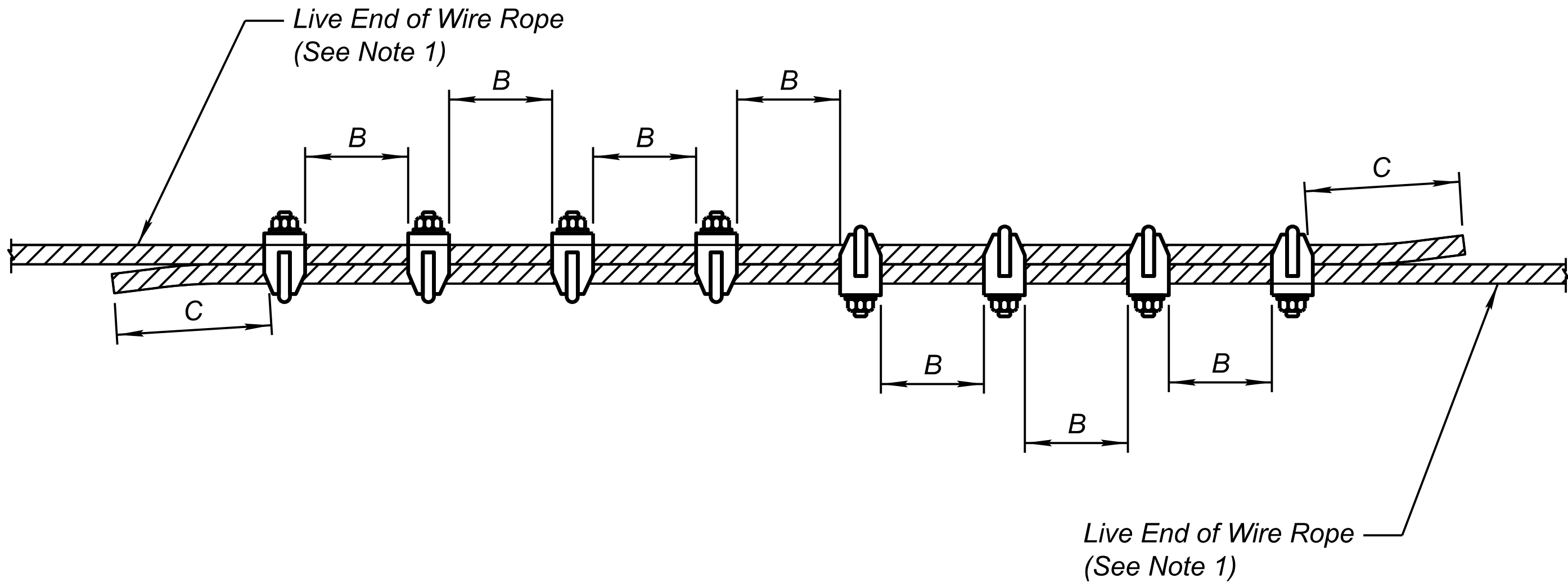
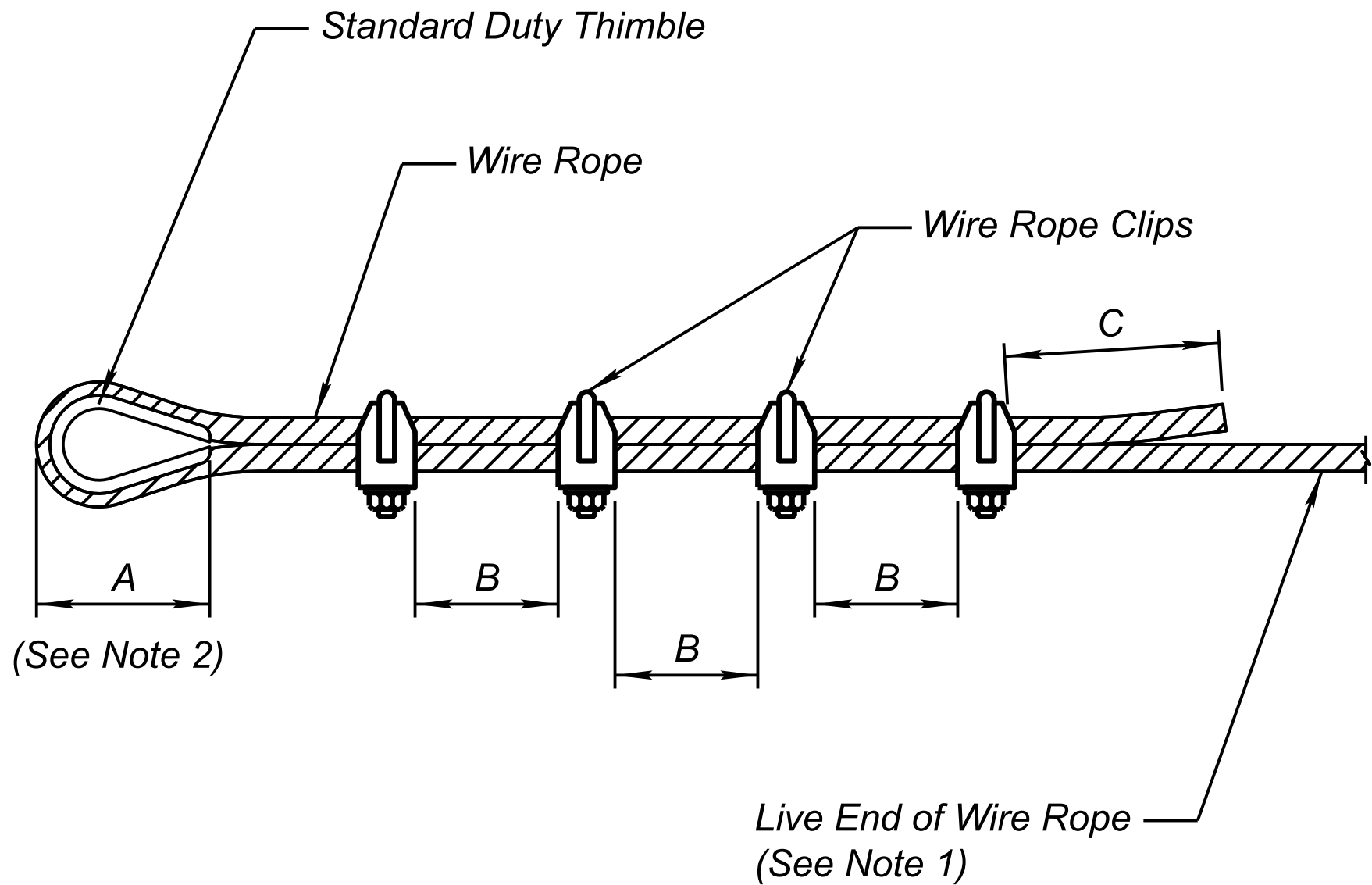
DETAIL I
WIRE ROPE ANCHOR
PULLOUT TEST



DETAIL J
3/4" WIRE ROPE ANCHOR

DESIGN	T. NIEMYJSKI	08/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION BRIDGE DESIGN SECTION SOUTH OF PARKER DAM DETAIL I & J	
DRAWN	Y. BOUGTEB	08/26		
CHECKED	T. NIEMYJSKI	08/26		
TEAM LEADER	P. Brun	08/26		
ROUTE SR 95	LOCATION SOUTH OF PARKER DAM		SHEET 6 OF 8	OF
TRACS NO. F0706 01C		095-C(229)T		

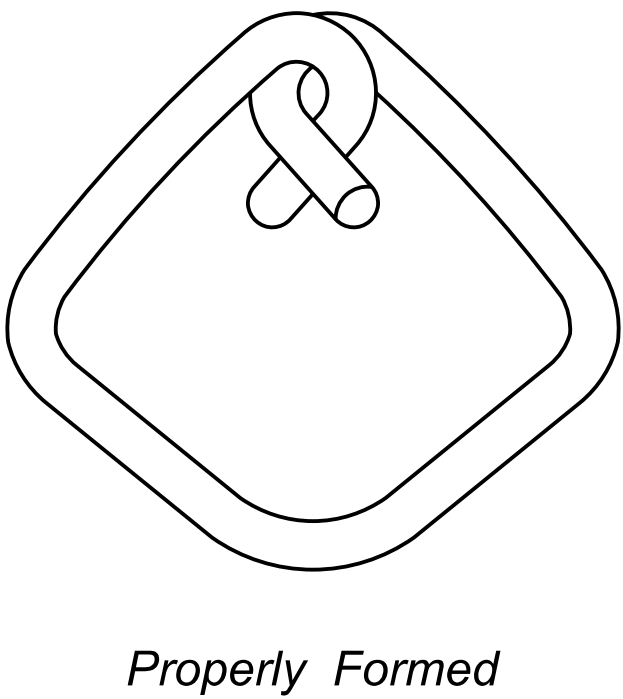
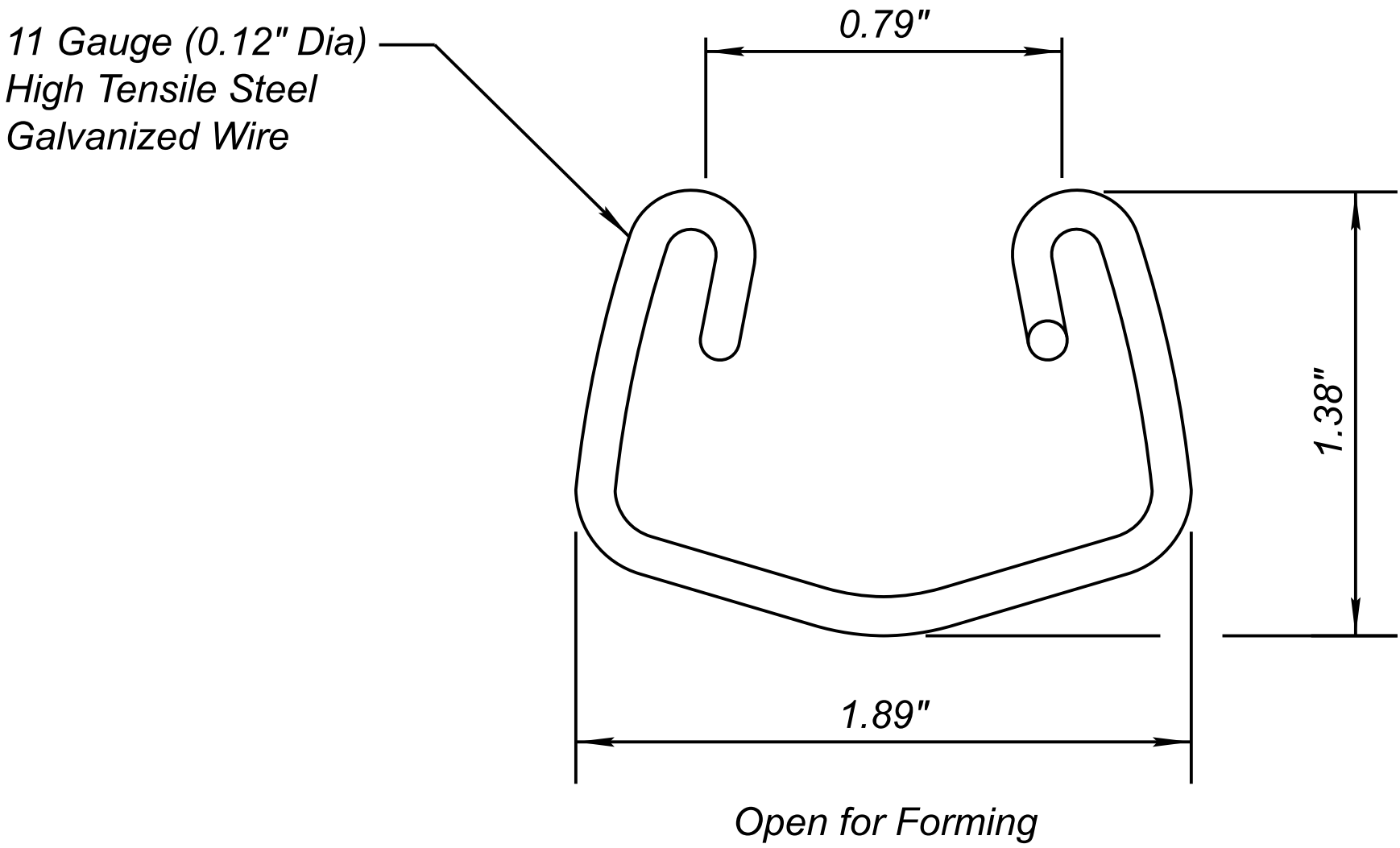
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	095-C(229)T	28	30	
095 LA 158					



Wire Rope Diameter	Minimum Wire Rope Clip Size	Minimum Wire Rope Clip Quantity	A	B	C	Torque Required
In	In	Each	In	In	In	Ft-Lbs.
3/4	3/4	4	9	4	6	130
1/2	1/2	3	4	2	2	65

- NOTES:
- Always Place Saddle on Live Wire Rope End. U-bolt End.
 - Dimension "A" Shall Be Per Wire Rope Clip Manufacturer Recommendations.

DETAIL K
WIRE ROPE LOOPS AND SPLICES



- NOTES:
- Hog Rings or Equivalent Fastners May Be Used (Subject to Approval by the Engineer).

DETAIL L
INTERLOCKING FASTENER

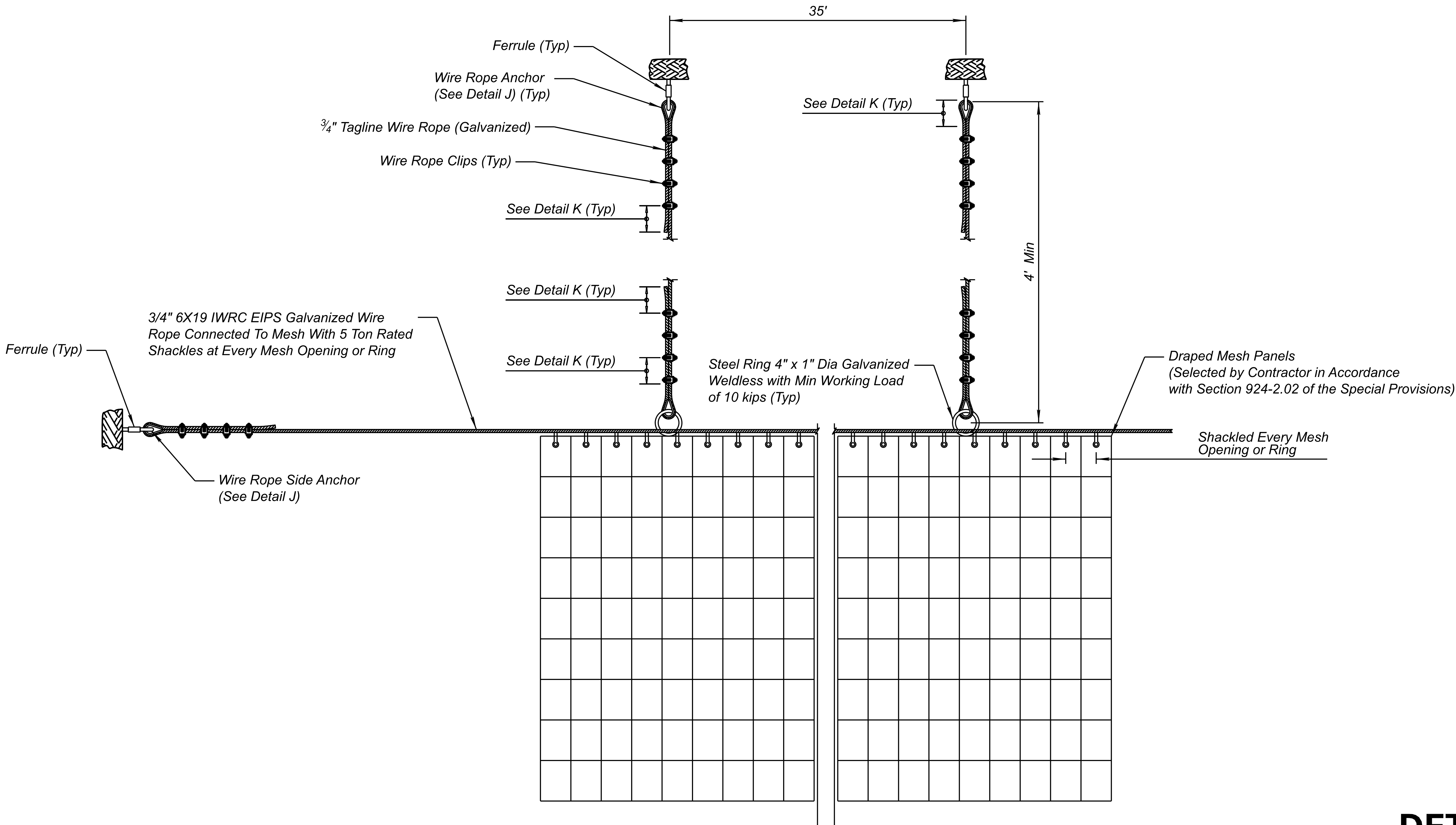
	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION BRIDGE DESIGN SECTION SOUTH OF PARKER DAM DETAIL K & L
DESIGN	T. NIEMYJSKI	08/26	
DRAWN	Y. BOUGTEB	08/26	
CHECKED	T. NIEMYJSKI	08/26	
TEAM LEADER	P. Brun	08/26	
ROUTE	LOCATION		
SR 95	SOUTH OF PARKER DAM		
TRACS NO.		F0706 01C	095-C(229)T



SHEET 7 OF 8

OF

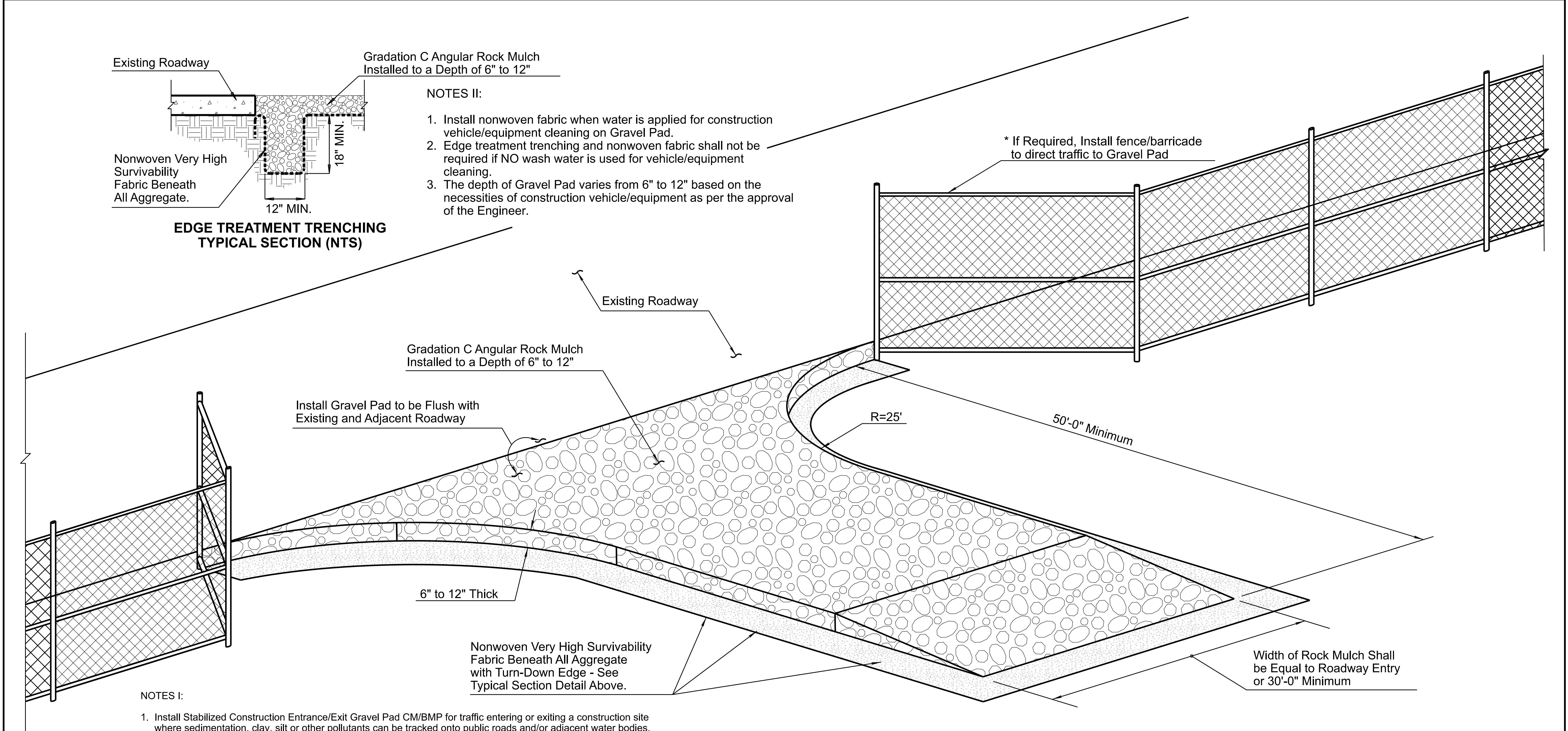
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	095-C(229)T	29	30	
095 LA 158					



ELEVATION
Scale: Not To Scale

DETAIL M
TOP AND SIDE ANCHOR DETAIL

DESIGN	T. NIEMYJSKI	08/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION BRIDGE DESIGN SECTION SOUTH OF PARKER DAM DETAIL M	
DRAWN	Y. BOUGTEB	08/26		
CHECKED	T. NIEMYJSKI	08/26		
TEAM LEADER	P. Brun	08/26		
ROUTE	SR 95		LOCATION	SOUTH OF PARKER DAM
TRACS NO.		F0706 01C	095-C(229)T	OF



- NOTES I:
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 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.

DETAIL ES1
STABILIZED CONSTRUCTION ENTRANCE/EXIT GRAVEL PAD

	DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADSIDE DEVELOPMENT SECTION		ROUTE	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	TAO ZI FONG	08-26			MILEPOST			095 LA 158	095-C(229)	30	30	
	DRAWN	TAO ZI FONG	08-26	STORMWATER QUALITY PROTECTION & EROSION/SEDIMENT CONTROL DETAILS		STRUCTURE NO.		LOCATION SOUTH OF PARKER DAM				SHEET 1 OF 1	
	CHECKED	JOHN R. HUCKO	08-26					TRACS NO. F0706 01C				___ OF ___	
	TEAM LEADER	E. LEROY BRADY	08-26										