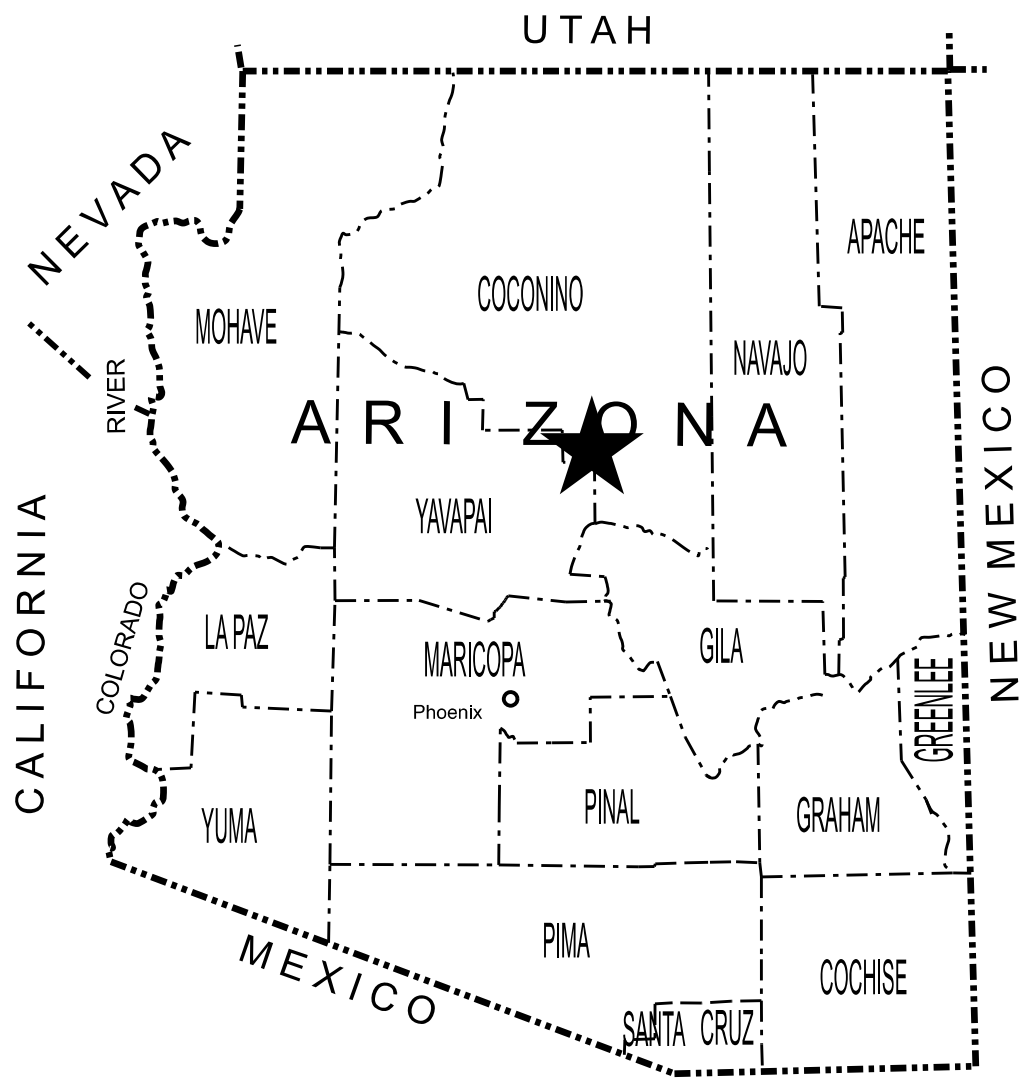
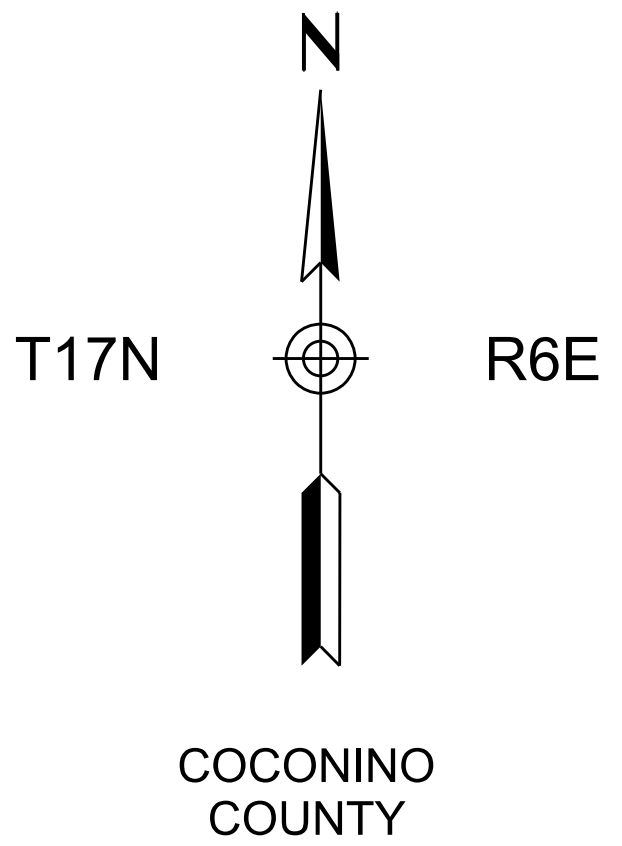




STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT PLANS



URBANIZED AREA
CITY OF SEDONA



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 _____

BREWER ROAD; RANGER STATION PARK-BREWER TRAILHEAD
SHARED USE PATH

PROJECT NO. 000 CN SED T0537 01C
FEDERAL AID NO. SED-0(203)T

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.		BRIAN JONES	6-2026
000 CN SED T0537 01C		1A	OF 55
RECORD DRAWING DATA	FEDERAL ID NO. SED-0(203)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			
SIGNING & MARKING STANDARDS		NAME BRIAN JONES	DATE 6-2026
PROJECT NO. 000 CN SED T0537 01C		1B-1	OF 55
RECORD DRAWING DATA	FEDERAL ID NO. SED-0(203)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			
SIGNING & MARKING STANDARDS		NAME BRIAN JONES	DATE 6-2026
PROJECT NO. 000 CN SED T0537 01C		1B-2	OF 55
RECORD DRAWING DATA	FEDERAL ID NO. SED-0(203)T	REC. DWG. DATE	OF

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

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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		
			TYPE K POLES (45-K, 50-K, AND 55-K) WITH 45 FT TO 55 FT MAST ARM SPAN LENGTH		
04/19	4.14		TYPE R POLES (45-RL, 50-RL, AND 55-RL) WITH 45 FT TO 55 FT MAST ARM SPAN LENGTH WITH LUMINAIRES		
04/19	4.15		TYPE V POLES (60-V AND 65-V) WITH 60 FT TO 65 FT MAST ARM SPAN LENGTH		
11/22	4.16		TYPE W POLES (60-WL AND 65-WL) WITH 60 FT TO 65 FT MAST ARM SPAN LENGTH WITH LUMINAIRES		
11/22	4.17		POLE HAND HOLE DETAILS		
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		
			TYPE C VEHICLE DETECTOR LOOPS FOR TRAFFIC COUNTERS		
03/10	6-1		TYPE SA AND SB SPEED/VEHICLE CLASSIFICATION SYSTEMS		
03/10	6-2	SHT 1	TYPE SA 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	
BRIAN JONES		6-2026	
PROJECT NO.		1C-1	OF 55
000 CN SED T0537 01C			
RECORD DRAWING DATA	FEDERAL ID NO. SED-0(203)T	REC. DWG. DATE	OF

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
	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		BRIAN JONES	6-2026
PROJECT NO. 000 CN SED T0537 01C		1C-2 OF 55	
RECORD DRAWING DATA	FEDERAL ID NO. SED-0(203)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.		BRIAN JONES	06-2026	
000 CN SED T0537 01C			1D	OF 55
RECORD DRAWING DATA	FEDERAL ID NO. SED-0(203)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-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-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.

☒ No Vegetation Protection Program Action Required; See Std. Spec. 107.11 for General Requirements

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 not utilize any abrasive tools or methods for the removal of the painted fire hydrant that would disturb the lead-based paint. This includes, but is not limited to sawing, grinding, sanding, or heating. Woven straps or other non-abrasive items (not linked chains) may be used to lift the painted fire hydrant for relocation purposes.

Arizona Department of Transportation Environmental Planning Standard Template				
Environmental, Permits, Issues, And Commitments (EPIC) Sheet				
Environmental Planner Name		Tatum Wertin	R.E. Name	
Environmental Planning Date of Completion		9/16/2025	R.E. Signature	
FEDERAL ID NO.	SED-0(203)T			
PROJECT NO.	0000 CN SED T0537 01C			
			With the above signature, the R.E. attests that all EPIC work for this project has been satisfactorily completed.	
REC DWG DATE: _____ OF _____			____1F____ OF _____	Sheet 1F

GENERAL NOTES:

1. 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.
2. The average project elevation is 4,244.5'.
3. The project roadway shall be striped by the contractor in accordance with the current edition of the Signing and Marking Standard Drawings (M & S-Series) and the pavement marking plans.
4. Survey Monuments shall not be disturbed. If disturbed, the monuments shall be replaced at no additional cost to the Department.
5. Contractor to field verify all elevations and existing grades.
6. Where only the horizontal location of an existing utility is shown, the location is approximate. The contractor shall comply with the current Arizona 811 laws and Subsection 107.15 of the Specifications. It is the responsibility of the contractor to maintain current AZ811 markings throughout construction.
7. The contractor is solely responsible for all job site safety, including but not limited to meeting all requirements of OSHA and ADOSH.

MIDPOINT OF PROJECT

Central Zone
X= 742,414.0951
Y= 1,404,586.1415

LENGTH OF PROJECT

Sta 09+65.00 to Sta 28+57.69 = 1,892.69'
Net Project Length = 1,892.69'

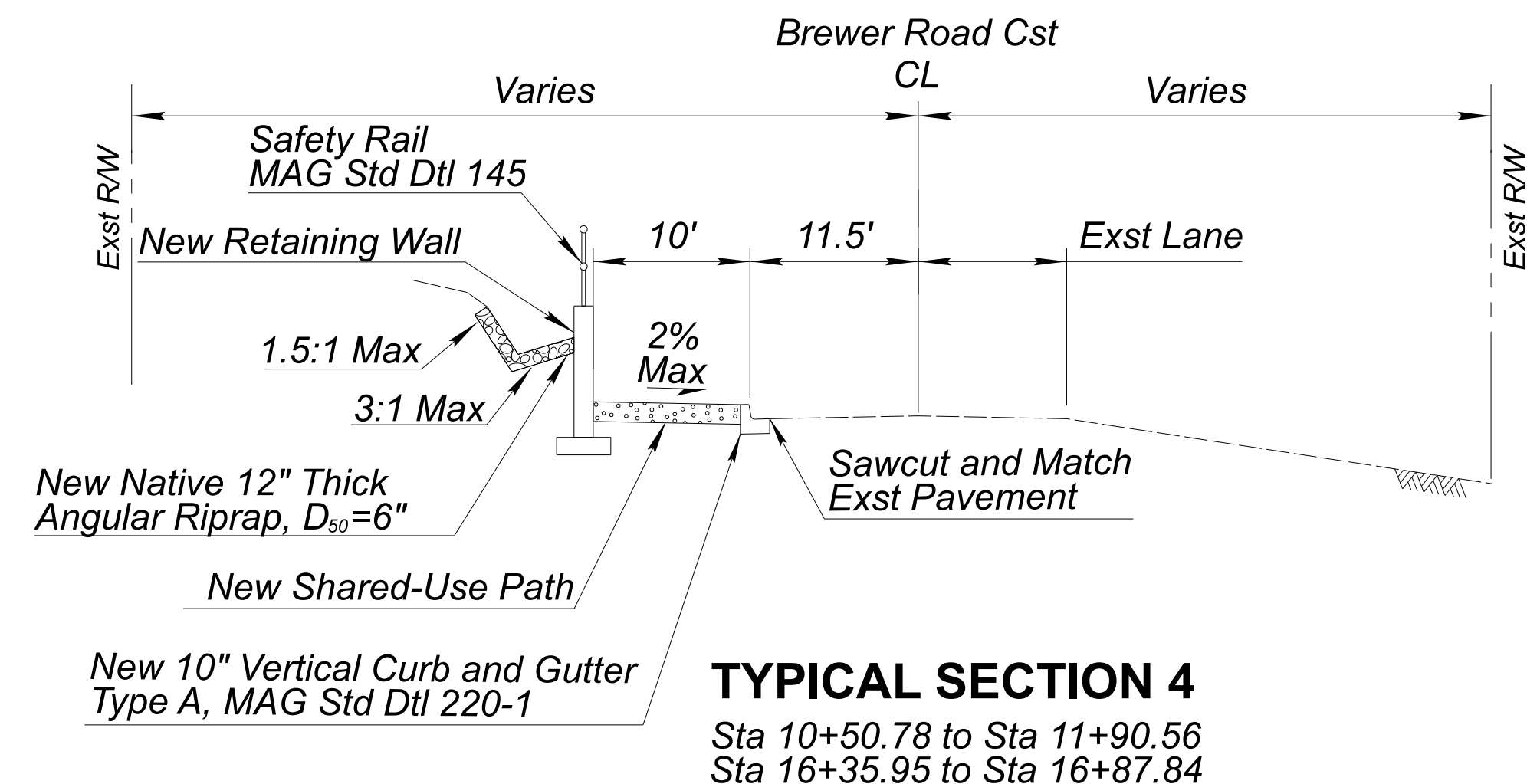
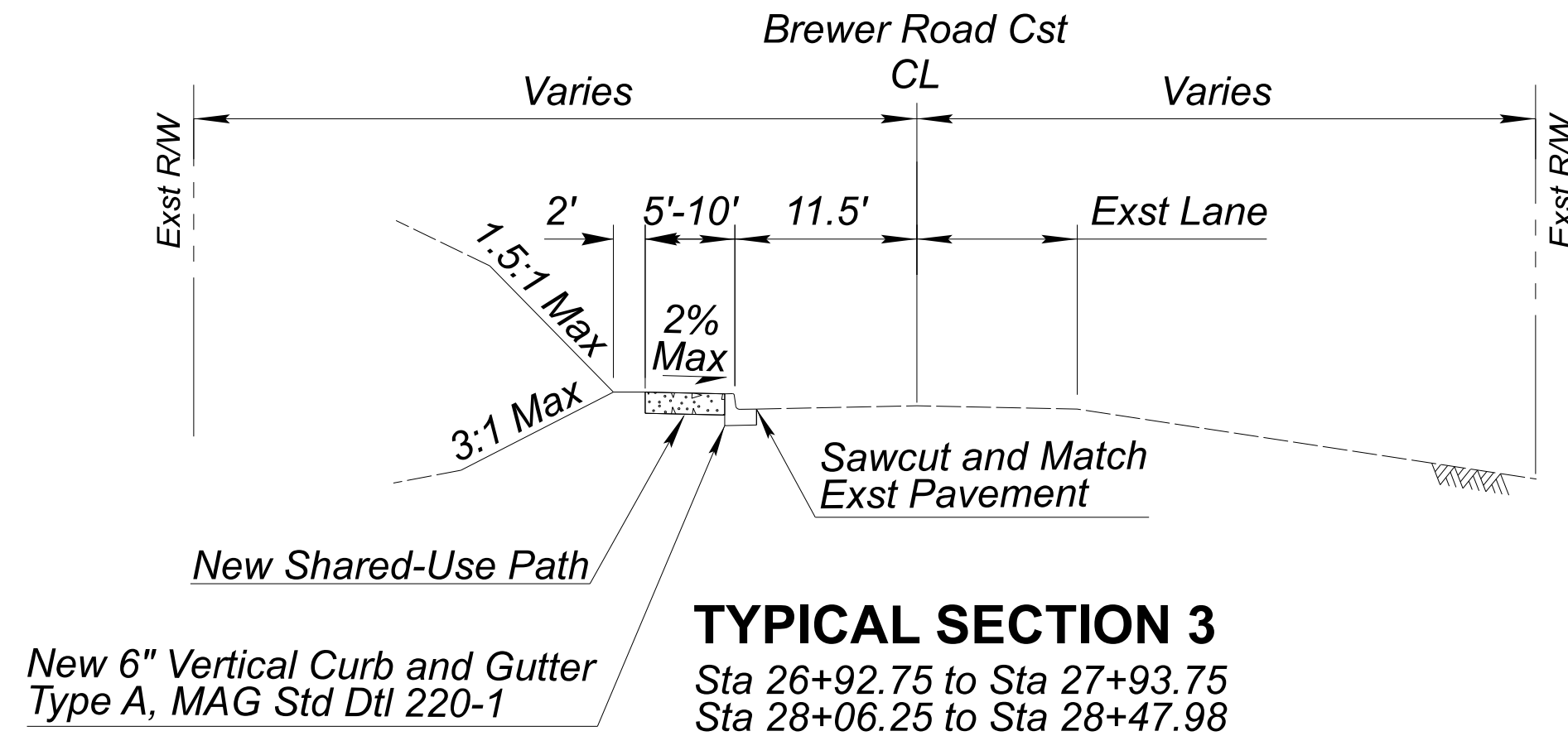
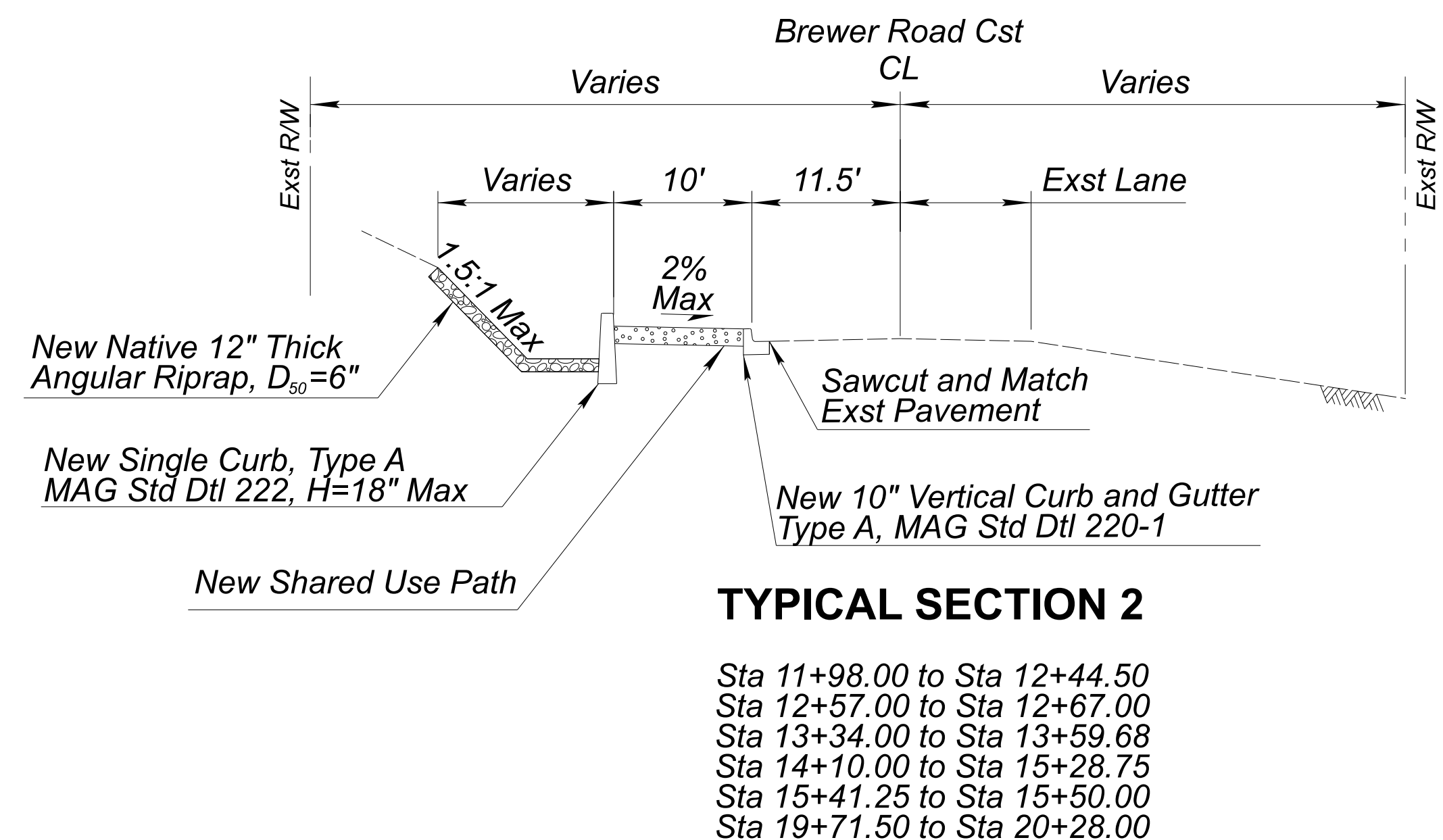
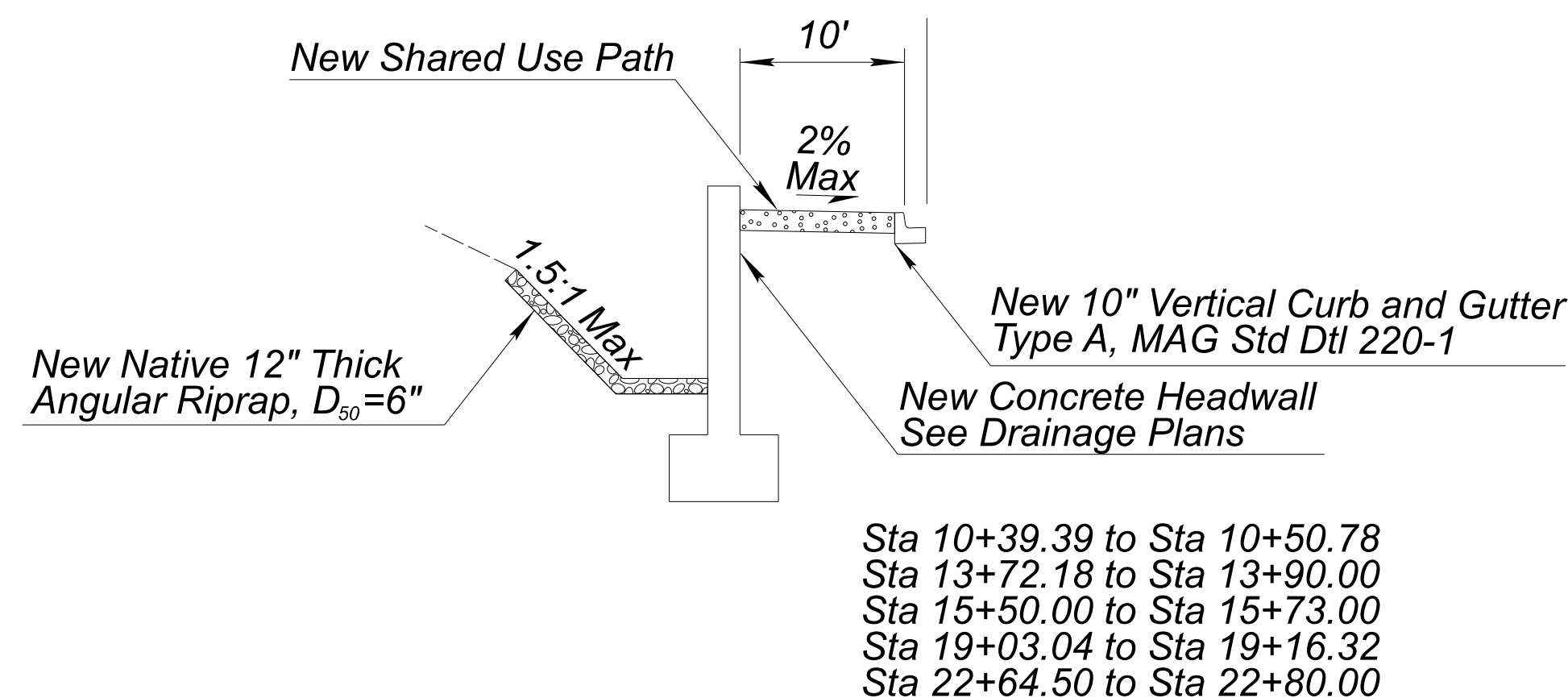
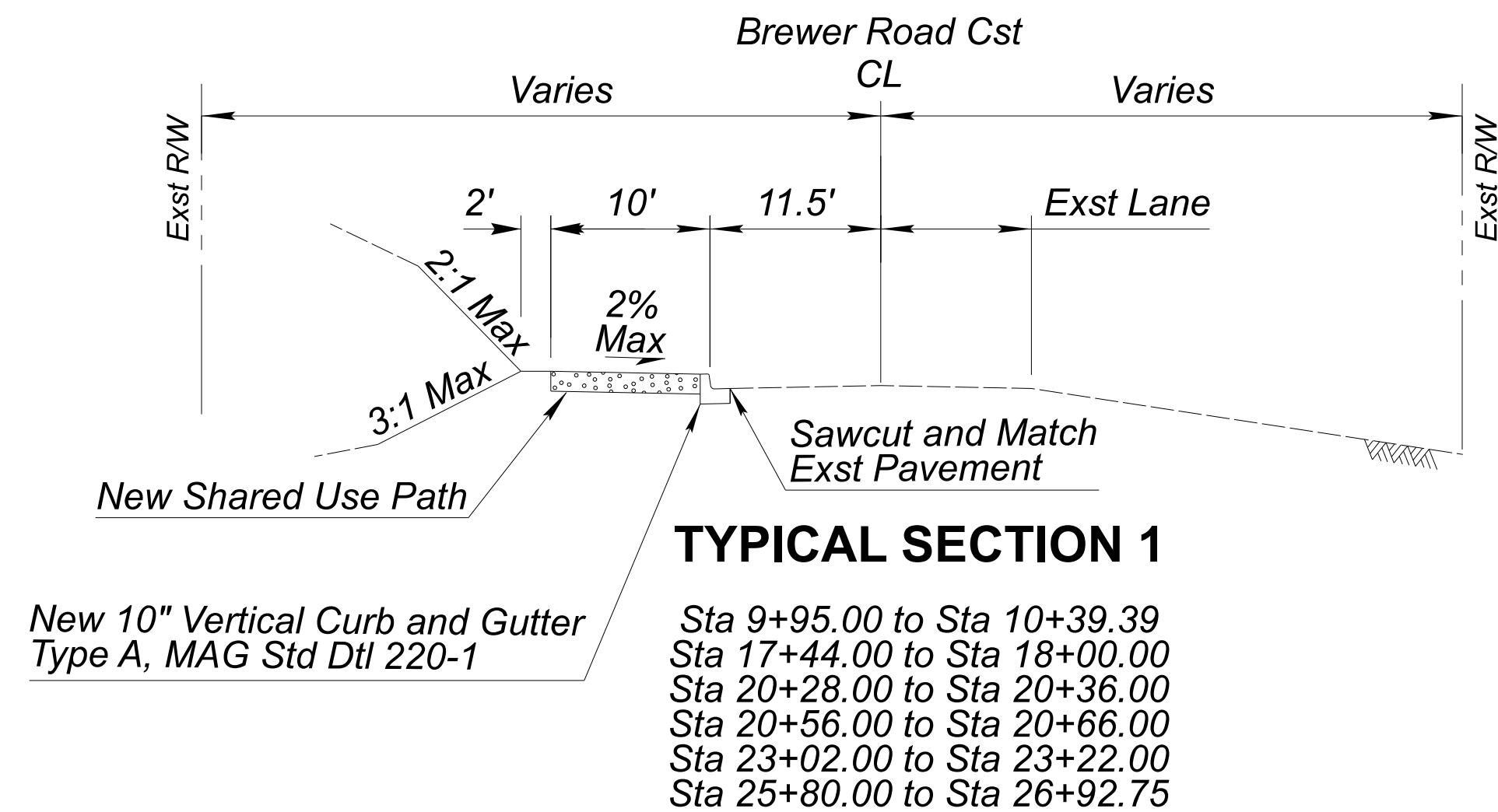
INDEX OF SHEETS:

SHEET NO.	DWG NO.	SHEET TITLE
GENERAL		
1	-	Face Sheet
1A - 1D	-	ADOT Standard Drawings
1F	-	EPIC Sheet
2	G-01.01	Design Sheet & Index
3-4	G-02.01-02	Typical Sections
5-7	G-04.01-03	Summary Sheets
8-15	G-05.01-08	Detail Sheets
CIVIL		
16-22	C-01.01-07	Existing Conditions and Removals Sheets
23-29	C-02.01-07	SUP Plan and Profile Sheets
30-36	G-03.01-07	Staking Plans
DRAINAGE		
37-40	D-01.01-04	Drainage Plan Sheets
41-42	D-01.05-06	Drainage Profile Sheets
TRAFFIC		
43	T-01.01	Maintenance of Traffic Notes
44	T-01.02	Maintenance of Traffic
45	T-1.03	Signing and Pavement Marking General Notes and Quantities
46	T-1.04	Signing and Pavement Marking Plan
47-48	T-1.05-06	Sign Summary Sheets
STRUCTURAL		
49	S-01.01	Retaining Wall General Notes
50-54	S-02.01-05	Retaining Wall Plan and Elevation
EROSION CONTROL		
55	E-01.01	Erosion Control Detail

EARTHWORK QUANTITIES

Excavation	540.0 CY
10% Shrink	46.0 CY
Embankment	411.0 CY
Waste	83.0 CY

The estimates for earthwork quantities are net unadjusted quantities only. They do not account for excess cut and fill that may be required during construction. Earthwork contractor shall determine their own quantities.



- NOTES:**
- See plans for locations where sidewalk width varies.
 - Flow line of the swale must remain 1' below the top of the retaining wall elevation per plan.
 - Aggregate base course must be installed per ADOT standard specifications Section 303 and the special provisions.
 - Decomposed granite must use stabilizing solution. The stabilizer shall be blended with the decomposed granite in accordance with the manufacturer's requirements.

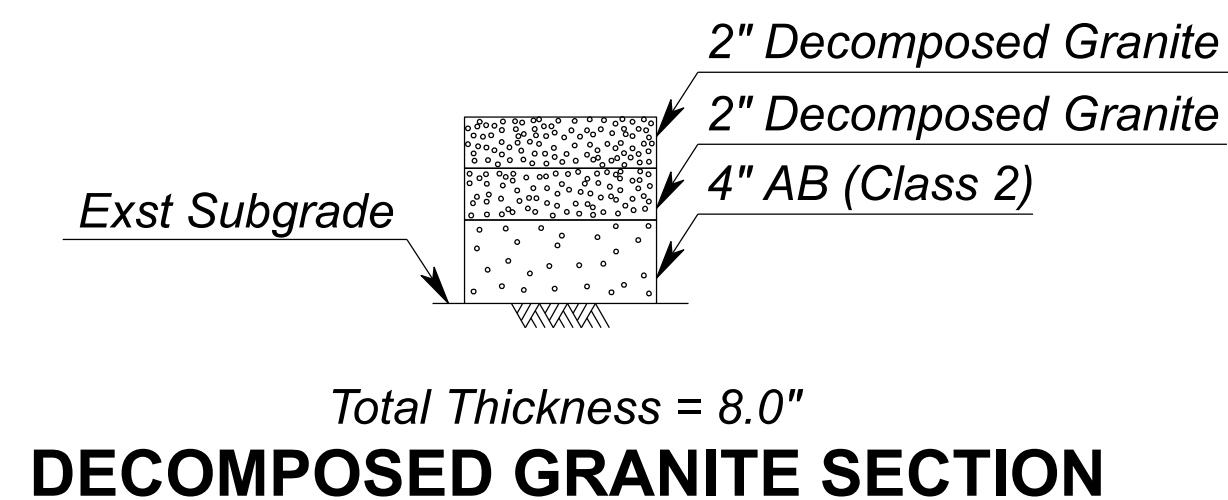
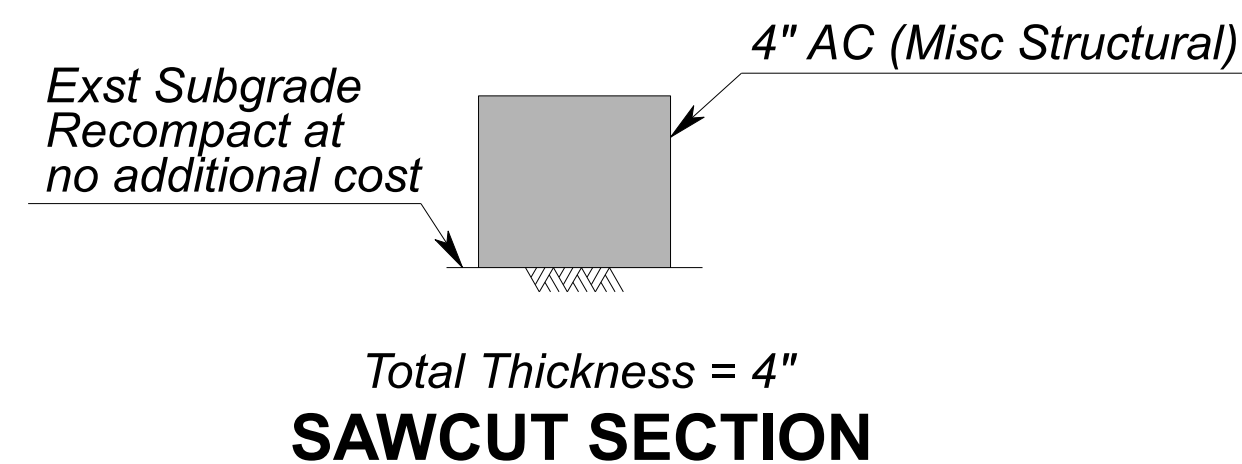
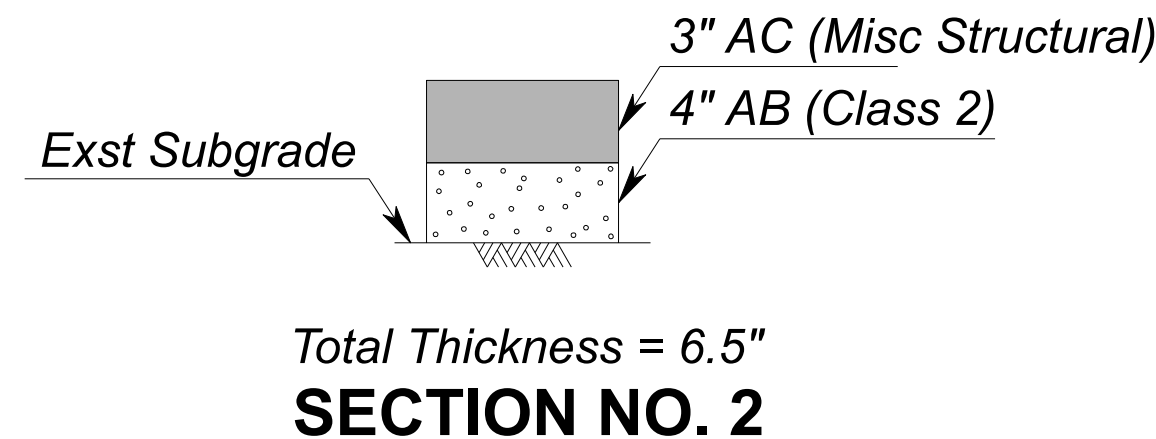
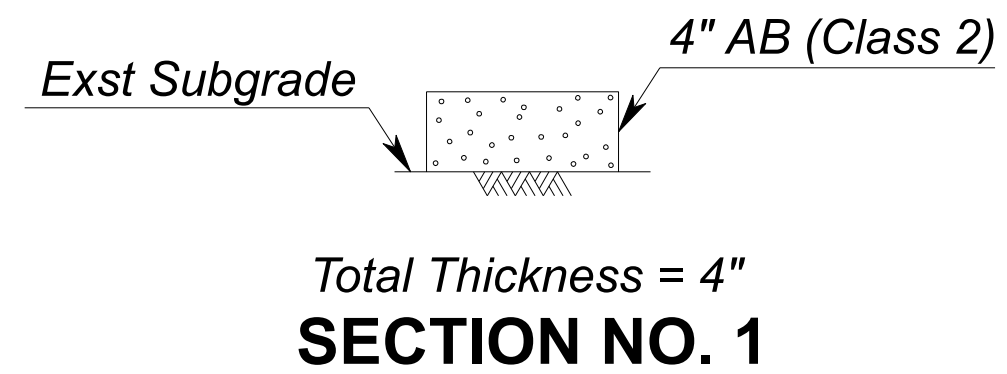
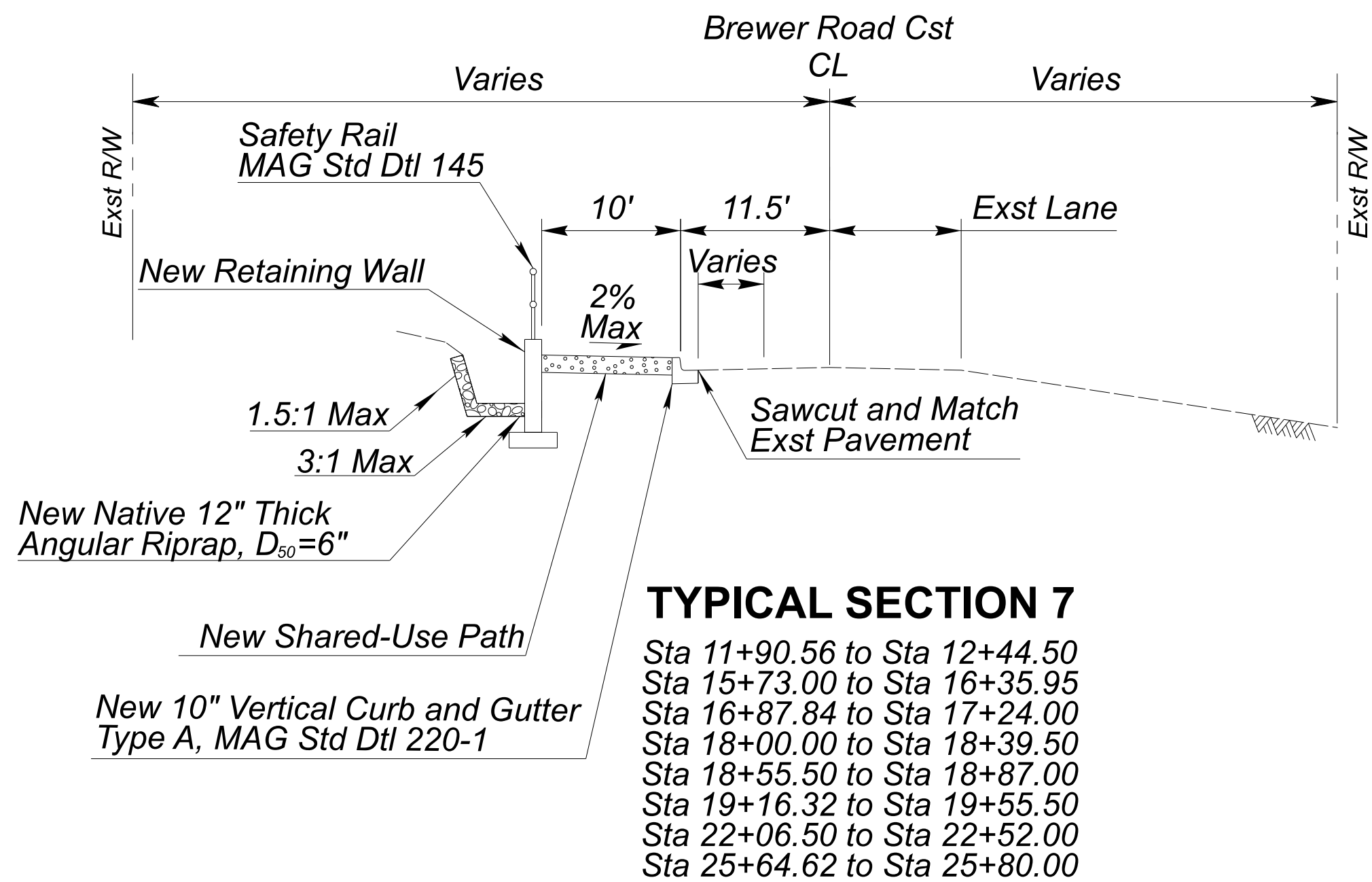
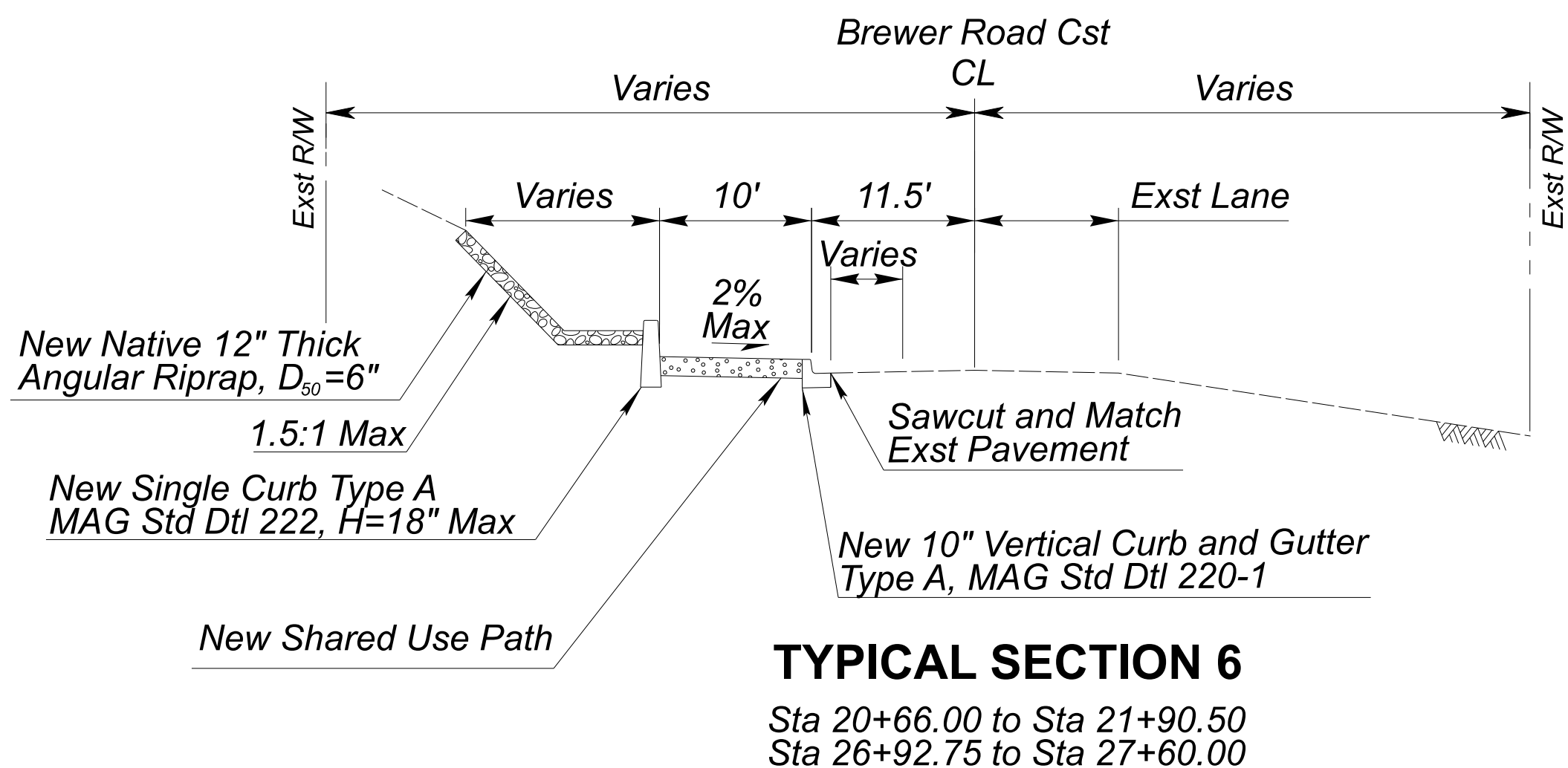
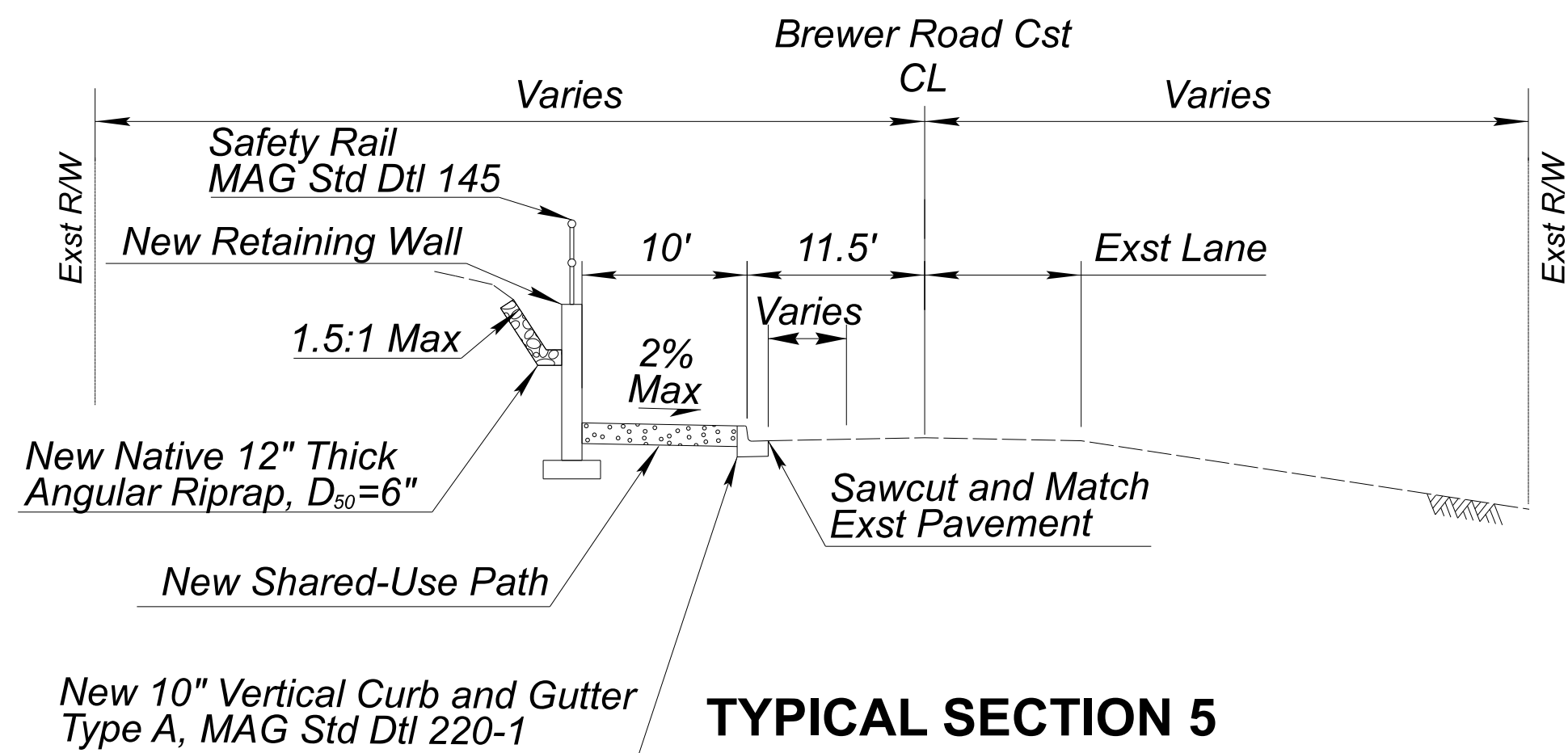


	NAME	DATE
DESIGN	C ESTUS	06-2026
DRAWN	C ESTUS	06-2026
CHECKED	B JONES	06-2026

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

TYPICAL SECTIONS

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
-----	ARIZ.	000 CN SED	SED-0(203)T	3	55	
LOCATION	TRACS NO.	DWG NO.				
BREWER ROAD SHARED-USE PATH	T0537 01C	G-02.01				
		OF				



NOTES:

1. See plans for locations where sidewalk width varies.
2. Flow line of the swale must remain 1' below the top of the retaining wall elevation per plan.
3. Aggregate base course must be installed per ADOT Standard Specifications Section 303 and the Special Provisions.
4. Decomposed granite must use stabilizing solution. The stabilizer shall be blended with the decomposed granite in accordance with the manufacturer's requirements.
5. See plans for pavement cut widths.
6. Refer to Sheets 5 and 6 for the Structural Sections 1 and 2 locations.
7. Refer to the plans for sawcut locations.



DESIGN	C ESTUS	DATE	06-2026
DRAWN	C ESTUS	DATE	06-2026
CHECKED	B JONES	DATE	06-2026

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

TYPICAL SECTIONS

ROUTE	-----	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	000 CN SED	FEDERAL ID NO.	SED-0(203)T	SHEET NO.	4	TOTAL SHEETS	55	RECORD DRAWING
MILEPOST	-----	LOCATION BREWER ROAD SHARED-USE PATH										DWG NO. G-02.02	
STRUCTURE NO.	-----	TRACS NO. T0537 01C										___ OF ___	

Location (Offset, Beg/End Station)	LOCATION				☐	REMOVAL				CURB, CURB & GUTTER, VALLEY GUTTER							SIDEWALK, CURB RAMPS, DRIVEWAYS									
	Plan Reference Number	☐	Concrete Sidewalk, Ramps, Driveways, & Slabs	AC Pavement		SF	LF	EA	SF	LF							SF									
										Curb and Gutter, Type A - H=6" (STD Detail: MAG 220-1)	Single Curb, Type A - H=6" (STD Detail: MAG 222)	Curb and Gutter, Type A - H=18" Max (STD Detail: MAG 222)	Curb and Gutter, Type A - H=10" (STD Detail: MAG 220-1)	Curb and Gutter Termination (STD Detail: MAG 222)	Safety Rail (STD Detail: MAG 221)	Sidewalk (STD Detail: MAG 145)	Shared Use Path (Stabilized Decomposed Granite)	Curb Ramp (Detail)	Curb Ramp (Detail)	Curb Ramp (Detail)	Curb Ramp (Detail)	Asphalt Driveway (See Pavement Section No. 2)	Gravel Driveway (See Pavement Section No. 2)	Concrete Flatwork (Depth=5")	Concrete Pavers Driveway (STD Detail: MAG 225)	
REMARKS																										
Brewer Rd (9+95.00, 13.19' Lt to 12+57, 12.08' Lt)	100								255	5														See Note 2. Termination included in 9080106		
Brewer Rd (10+00.00, 12.08' Lt to 12+44.50, 12.08' Lt)	101													2451										See Note 2		
Brewer Rd (12+57.00, 21.58' Lt to 12+67.00, 21.58' Lt)	102							10																Curb height, H=Varies 0.8' to 1.5'		
Brewer Rd (12+57.00, 12.08' Lt to 12+67.00, 12.08' Lt)	103						10						95											Transition included in 9080093		
Brewer Rd (12+67.00, 12.08' Lt to 12+91.00, 12.08' Lt)	104																					228				
Brewer Rd (12+67.00, 21.58' Lt to 13+34.00, 21.58' Lt)	105	1604																			799					
Brewer Rd (13+18.00, 12.08' Lt to 13+34.00, 12.08' Lt)	106																					152				
Brewer Rd (12+67.00, 12.08' Lt to 13+34.00, 12.08' Lt)	107						67				10		133	124										Transition included in 9080093		
Brewer Rd (13+34.00, 12.08' Lt to 13+90.00, 12.08' Lt)	108												190	224										See Note 2		
Brewer Rd (13+34.00, 12.08' Lt to 26+82.75, 12.08' Lt)	109								1336																	
Brewer Rd (13+34.00, 21.58' Lt to 13+59.68, 21.58' Lt)	110							26																See Staking Plans. Curb height, H=Varies 1.0' to 1.5'		
Brewer Rd (13+90.00, 12.08' Lt to 14+10.00, 12.08' Lt)	111																					186				
Brewer Rd (14+10.00, 12.08' Lt to 17+24.00, 12.08' Lt)	112												188	2586										See Note 2		
Brewer Rd (13+90.00, 21.58' Lt to 14+10, 21.58' Lt)	113	379																			196					
Brewer Rd (14+10.00, 21.58' Lt to 15+50.00, 21.58' Lt)	114							123																See Staking Plans and Note 2. Curb height, H=Varies 1.0' to 1.5'		
Brewer Rd (17+24.00, 12.08' Lt to 17+44.00, 12.08' Lt)	115																					190				
Brewer Rd (17+24.00, 21.58' Lt to 17+44.00, 21.58' Lt)	116																			413				Structural Section No. 1 Location		
Brewer Rd (17+44.00, 12.08' Lt to 18+39.50, 12.08' Lt)	117												196	758												
Brewer Rd (18+39.50, 12.08' Lt to 18+55.50, 12.08' Lt)	118																					162				
Brewer Rd (18+39.50, 21.58' Lt to 18+55.50, 21.58' Lt)	119																			147				Structural Section No. 1 Location		
Brewer Rd (18+55.50, 12.08' Lt to 18+87.00, 12.08' Lt)	120												175	97												
Sub Total		1983	0	0	0	77	159	1591			0	997	6240	0	0	0	0	0	560	995	918					

NOTES:

1. Curb and gutter transitions for 10" curb at driveway opening are included in the measurement for curb and gutter.

2. Concrete scuppers are not included in the SUP or curb & gutter quantities.
3. All new concrete shall be in color Red Rock Sedona.

4. All new pavers shall be in color Belgard Sierra or approved equal.

 <i>Brian Rondal Jones</i>	<table><tr><td>DESIGN</td><td>C ESTUS</td><td>DATE</td><td>06-2026</td></tr><tr><td>DRAWN</td><td>C ESTUS</td><td>DATE</td><td>06-2026</td></tr><tr><td>CHECKED</td><td>B JONES</td><td>DATE</td><td>06-2026</td></tr></table>		DESIGN	C ESTUS	DATE	06-2026	DRAWN	C ESTUS	DATE	06-2026	CHECKED	B JONES	DATE	06-2026		ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION		ROUTE -----	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 000 CN SED	FEDERAL ID NO. SED-0(203)T	SHEET NO. 6	TOTAL SHEETS 55	RECORD DRAWING
	DESIGN	C ESTUS	DATE	06-2026																					
	DRAWN	C ESTUS	DATE	06-2026																					
	CHECKED	B JONES	DATE	06-2026																					
	SUMMARY SHEETS		MILEPOST -----	LOCATION BREWER ROAD SHARED-USE PATH							DWG NO. G-04.02														
		STRUCTURE NO.	TRACS NO. T0537 01C		____ OF ____																				

Location (Offset, Beg/End Station)	LOCATION				REMOVAL			CURB, CURB & GUTTER, VALLEY GUTTER							SIDEWALK, CURB RAMPS									
	Plan Reference Number	Concrete Sidewalk, Ramps, Driveways & Slabs	AC Pavement		SF	EA	SF								SF									
								LF																
								Curb and Gutter, Type A - H=6" (STD Detail: MAG 220-1)	Single Curb, Type A - H=6" (STD Detail: MAG 222)	Curb and Gutter, Type A - H=18" Max (STD Detail: MAG 220-1)	Curb and Gutter, Type A - H=10" (STD Detail: MAG 220-1)	Curb and Gutter Transition (STD Detail: MAG 221)	Safety Rail (STD Detail: MAG 222)	Sidewalks (STD Detail: MAG 145)	Shared Use Path (Stabilized Decomposed Granite)	Curb Ramp (Detail)	Curb Ramp (Detail)	Curb Ramp (Detail)	Curb Ramp (Detail)	Asphalt Driveway (See Pavement Section No. 2)	Gravel Driveway (See Pavement Section No. 2)	Concrete Flatwork (Depth=5")	Concrete Pavers Driveway (STD Detail: MAG 225)	
																								REMARKS
Brewer Rd (18+87.00, 19.58' Lt to 19+03.04, 19.58' Lt)	121																			168				Structural Section No. 1 Location
Brewer Rd (18+87.00, 12.08' Lt to 19+03.02, 12.08' Lt)	122																					128		
Brewer Rd (19+03.02, 12.08' Lt to 19+55.50, 12.08' Lt)	123													226	245									
Brewer Rd (19+55.50, 21.58' Lt to 19+71.50, 21.58' Lt)	124	209																			137			
Brewer Rd (19+55.50, 12.08' Lt to 19+71.50, 12.08' Lt)	125																					159		
Brewer Rd (19+71.50, 12.08' Lt to 20+36.00, 12.08' Lt)	126												196	430										
Brewer Rd (19+71.50, 21.58' Lt to 20+28.00, 21.58' Lt)	127						59																	See Staking Plans. Curb height, H=Varies 1.3' to 1.5'
Brewer Rd (20+36.00, 12.08' Lt to 20+56.00 12.08' Lt)	128																					193		
Brewer Rd (20+36.00, 21.58' Lt to 20+56.00, 21.58' Lt)	129																			142				Structural Section No. 1 Location
Brewer Rd (20+56.00, 12.08' Lt to 21+90.50, 12.08' Lt)	130													192	1090									
Brewer Rd (20+66.00, 21.58' Lt to 21+90.50, 21.58' Lt)	131						126																	Curb height, H=0.5'
Brewer Rd (21+90.50, 12.08' Lt to 22+06.50, 12.08' Lt)	132																					152		
Brewer Rd (21+90.50, 21.58' Lt to 22+06.50, 21.58' Lt)	133		361																141					Structural Section No. 2 Location Asphalt removal included in 2020029
Brewer Rd (22+06.50, 12.08' Lt to 22+80.00, 12.08' Lt)	134												243	338										See Note 2
Brewer Rd (22+80.00, 12.08' Lt to 23+02.00, 12.08' Lt)	135																					209		
Brewer Rd (22+80.00, 21.58' Lt to 23+02.00, 21.58' Lt)	136	461																			202			
Brewer Rd (23+02.00, 12.08' Lt to 26+92.75, 12.08' Lt)	137													95	3537									
Brewer Rd (26+92.75, 12.08' Lt to 28+47.98, 12.08' Lt)	138													966										See Note 2
Brewer Rd (26+82.75, 12.08' Lt to 28+47.98, 12.08' Lt)	139					136				10	5													See Note 2. Transition included in 9080106. Termination included in 9080093
Brewer Rd (26+92.75, 21.58' Lt to 27+60.00, 17.08' Lt)	140						68																	Curb height, H=Varies 1.1' to 1.5'
AC Removal Sawcut Sections	141		4281																					
Sub Total		670	4642	0	0	136	253				0	1918	5640	0	0	0	0	141	310	339	841			
Project Sub Total		2653	4642			228	412					2895	11880					141	870	1334	1759			

NOTES:

1. Curb and gutter transitions for 10" curb at driveway opening are included in the measurement for curb and gutter.

2. Concrete scuppers are not included in the SUP or curb & gutter quantities.
3. All new concrete shall be in color Red Rock Sedona.

4. All new pavers shall be in color Belgard Sierra or approved equal.

	DESIGN	C	ESTUS	06-2026	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	-----	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	000 CN SED	FEDERAL ID NO.	SED-0(203)T	SHEET NO.	7	TOTAL SHEETS	55	RECORD DRAWING	
	DRAWN	C	ESTUS	06-2026		MILEPOST	-----			LOCATION BREWER ROAD SHARED-USE PATH									
	CHECKED	B	JONES	06-2026		STRUCTURE NO.				TRACS NO. T0537 01C									
					SUMMARY SHEETS		DWG NO. G-04.03 ____ OF ____												

1. See MAG Std Dtl 206 for scupper details not shown.
2. The scupper opening shall be 4' max.
3. See Sheet 23 for Riprap Gradation.

- *Sidewalk cross slope shall not exceed 2.0%*
- *Direction of Flow*



Registered Professional Engineer (Civil)
 CERTIFICATE NO.
 58901
 BRIAN RONDAL
 JONES
 Date Signed 7/19/26
 ARIZONA, U.S.A.
Brian Rondal Jones

	NAME	DATE
DESIGN	C ESTUS	06-202
DRAWN	C ESTUS	06-202
CHECKED	B JONES	06-202



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

DETAIL

	ROUTE -----
	MILEPOST -----
	STRUCTURE NO.

F.H.W.A. Arizona Division

STATE

PROJECT NO.

FEDERAL ID NO.

SHEET NO.	7 S
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TOTAL SHEETS	R

RECORD DRAWING

LOCATION	BREWER ROAD SHARED-USE PATH
----------	-----------------------------

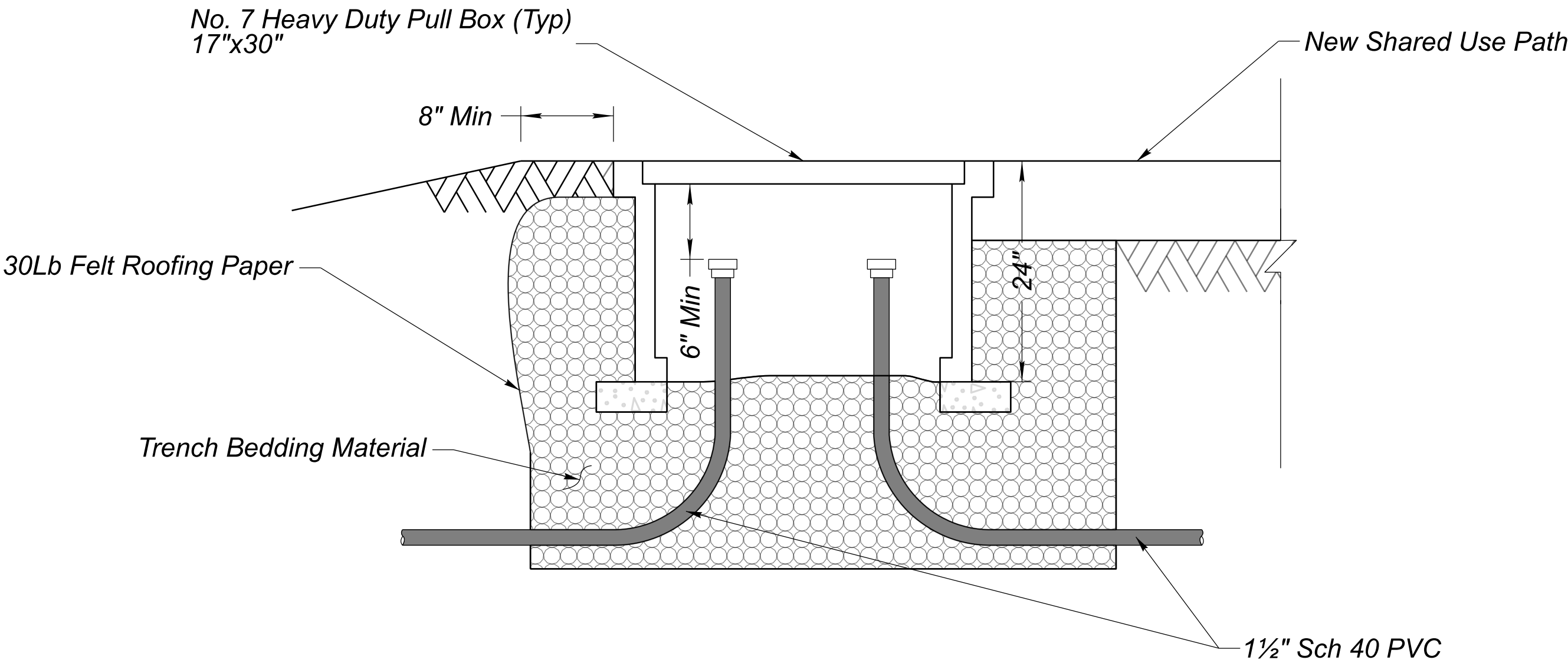
TRACS NO. T0537 01C

DWG NO. G-05.01

OF

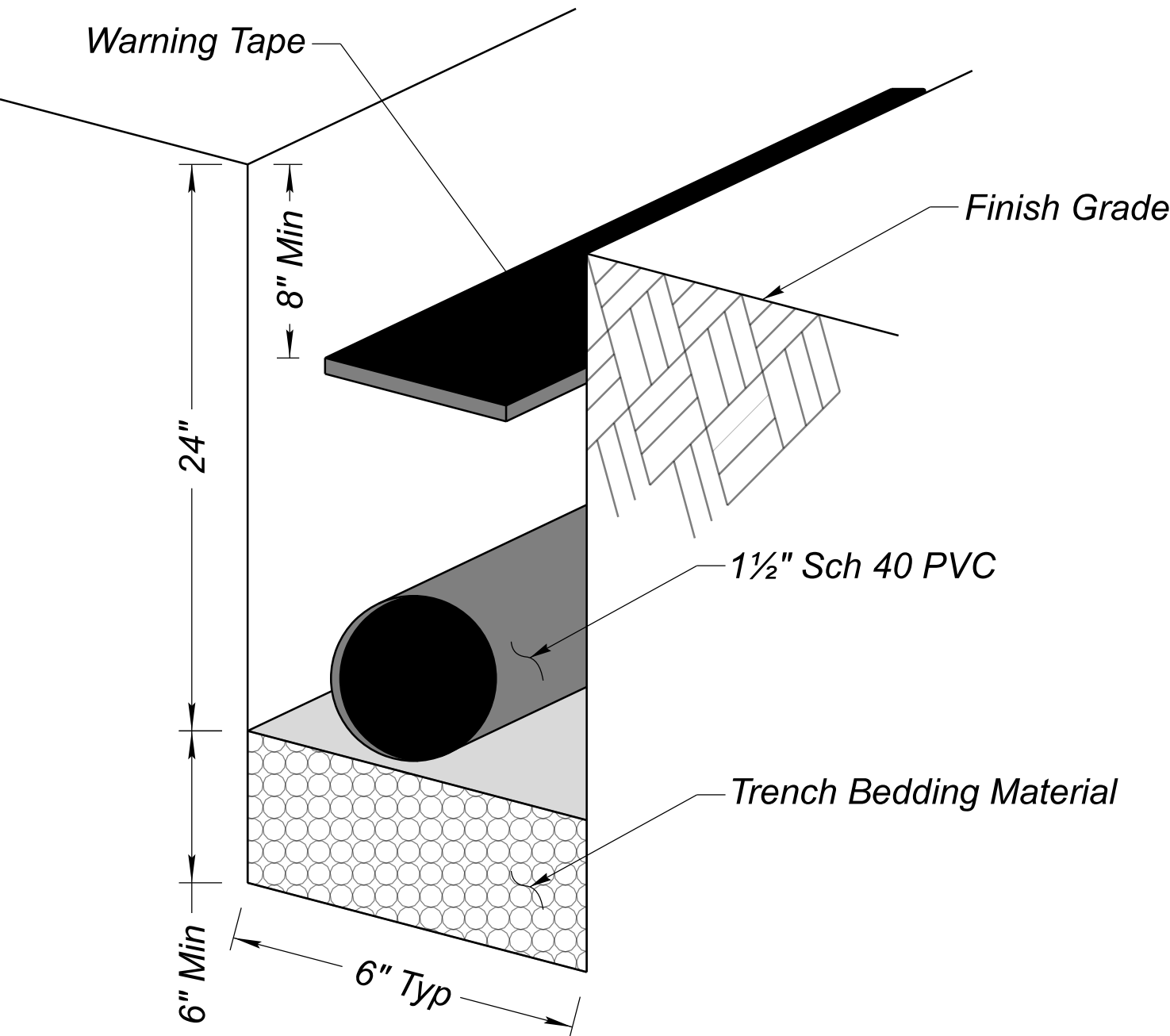
PULL BOX DETAIL NOTES:

- 1. Pull boxes shall be placed at the back of the new shared use path.
- 2. The spacing of pull boxes shall not exceed 750' along the conduit alignment.
- 2. Pull boxes adjacent to sidewalks shall be placed flush with the sidewalk surface and so there is positive drainage away from the box lid.
- 3. See ADOT Std Dwg T.S. 1-2 and 1-4 for additional installation and details.



PULL BOX INSTALLATION DETAIL

NTS



TYPICAL TRENCH DETAIL

NTS

TRENCH DETAIL NOTES:

- 1. Trench bottom shall be smooth and flat. The rate of change shall not be more than 1' in 3'.
- 2. Trench bedding material shall be sufficient depth to cushion pipe. Bedding shall not have any rocks larger than 1 1/2", with enough fines to fill voids.
- 3. A minimum of 6" of bedding material must be placed below the conduit.
- 4. Backfill trench with bedding or screened trench run. The maximum rock diameter shall be 3". Compaction shall begin after the 6" lift of bedding material directly over the conduit. Compact for 6" lifts (85% max density).
- 5. Sweep radius shall be 18" minimum.
- 6. Conduit shall not be placed closer than 24" from any other utilities.

Detail B
Conduit Detail



	NAME	DATE
DESIGN	C ESTUS	06-2026
DRAWN	C ESTUS	06-2026
CHECKED	B JONES	06-2026

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

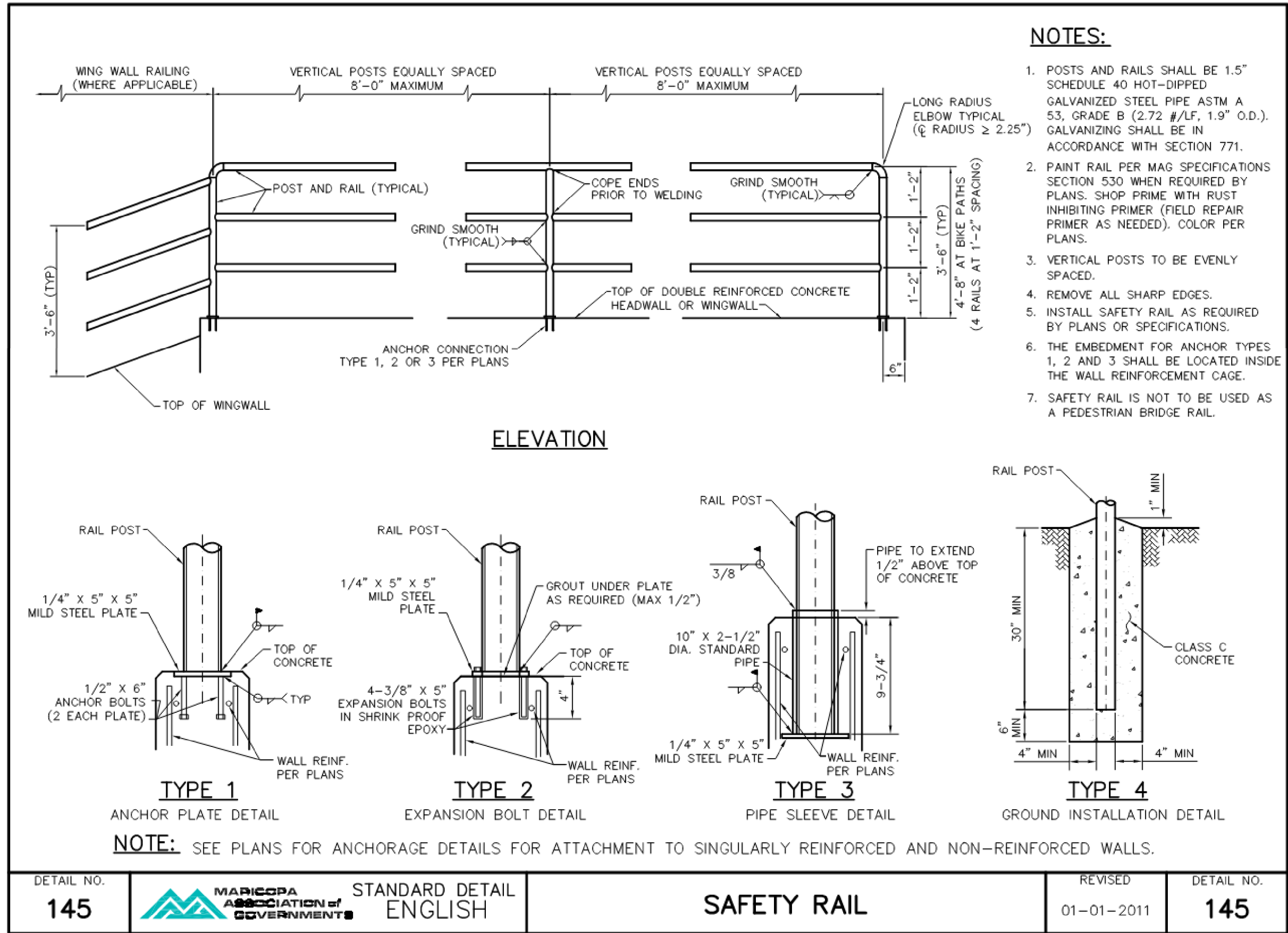
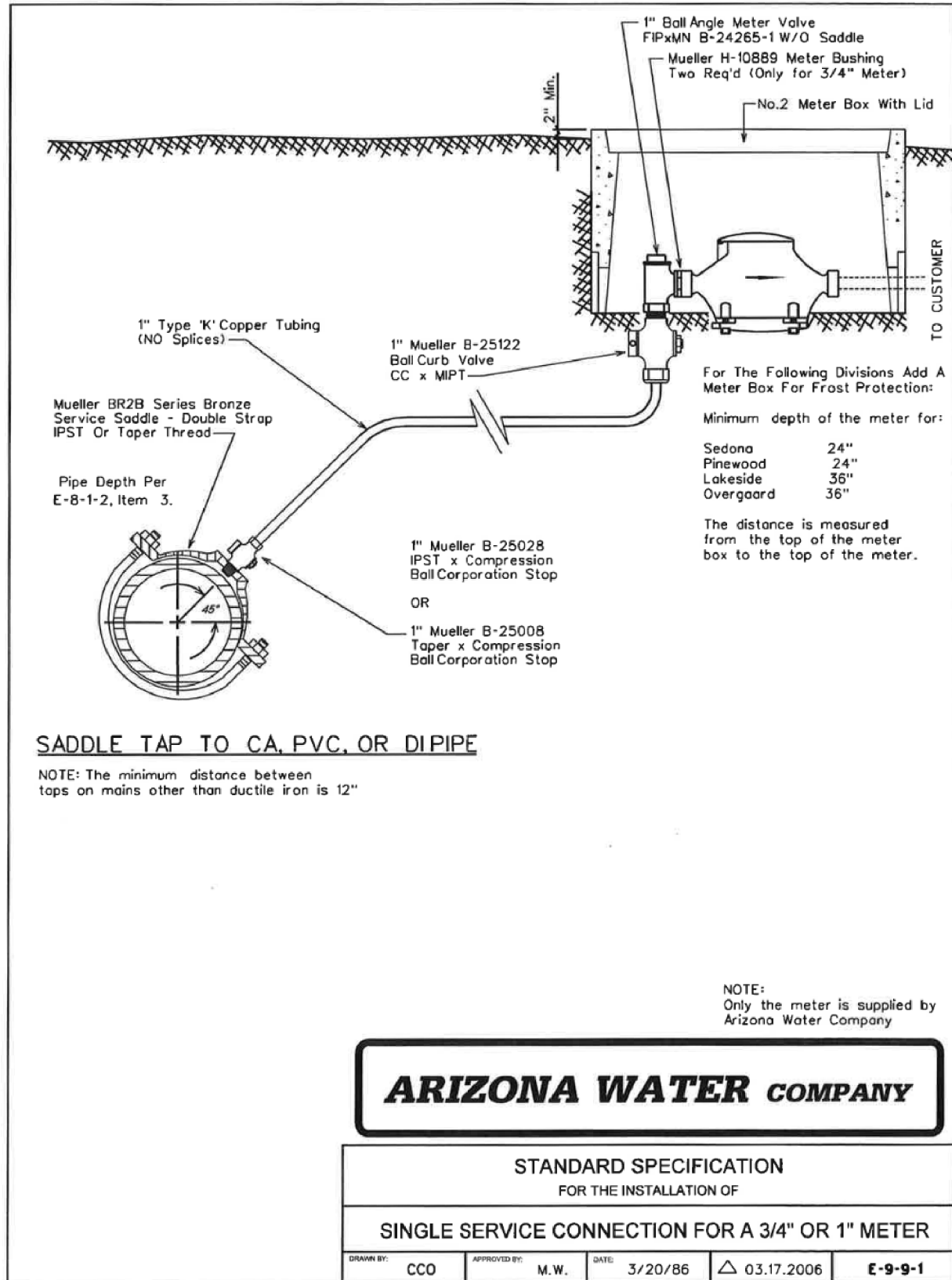
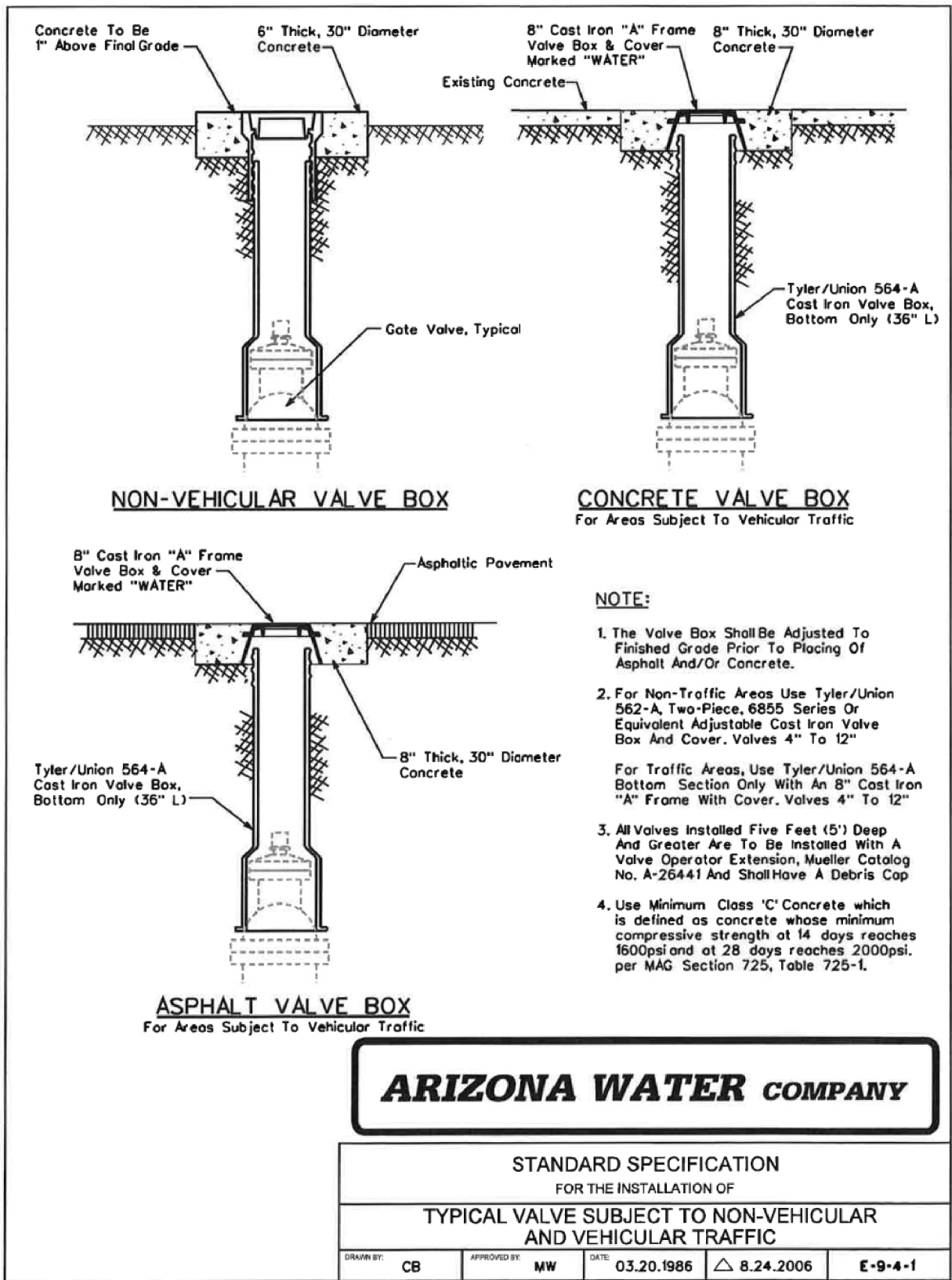
DETAIL

ROUTE

MILEPOST

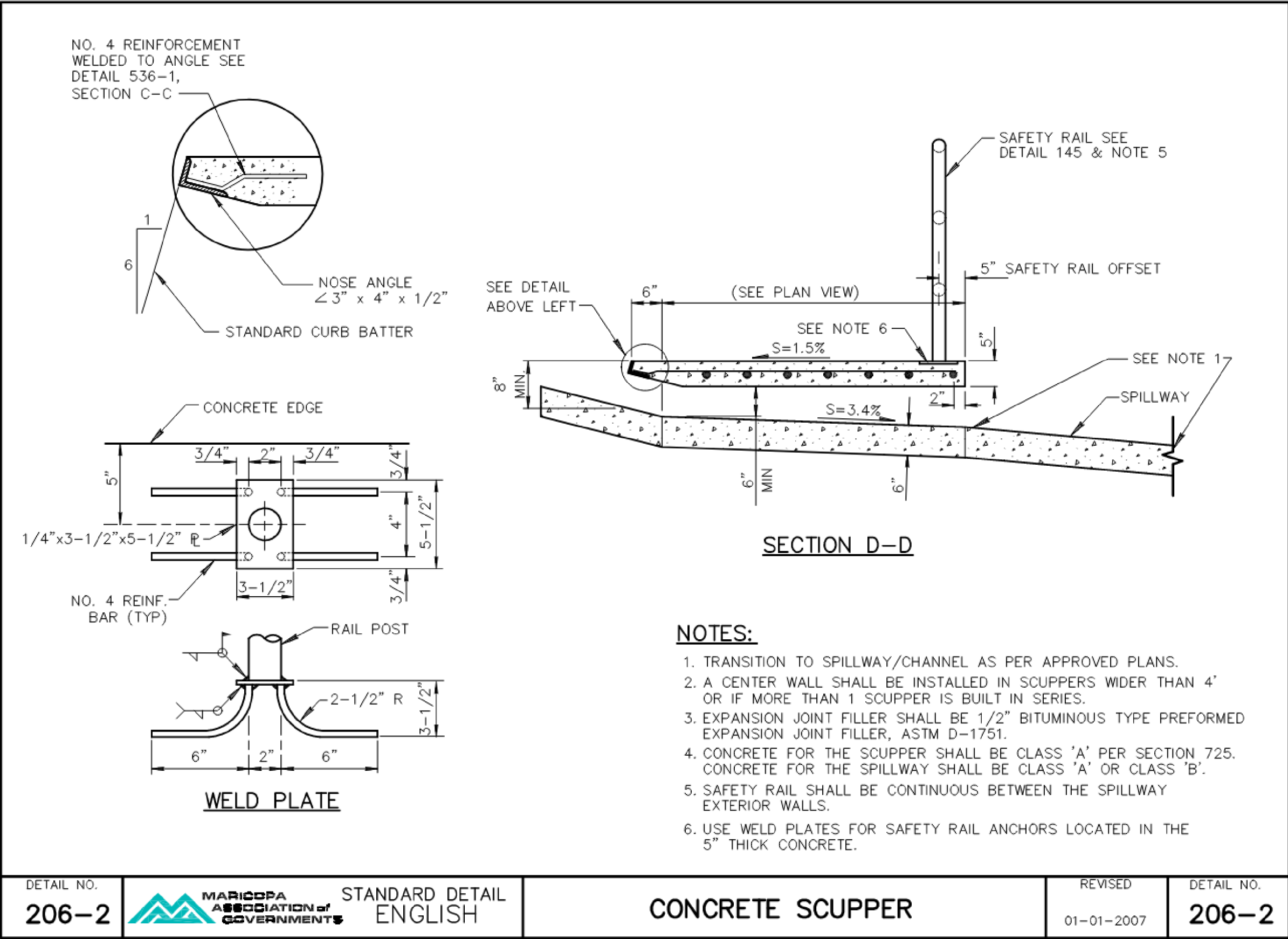
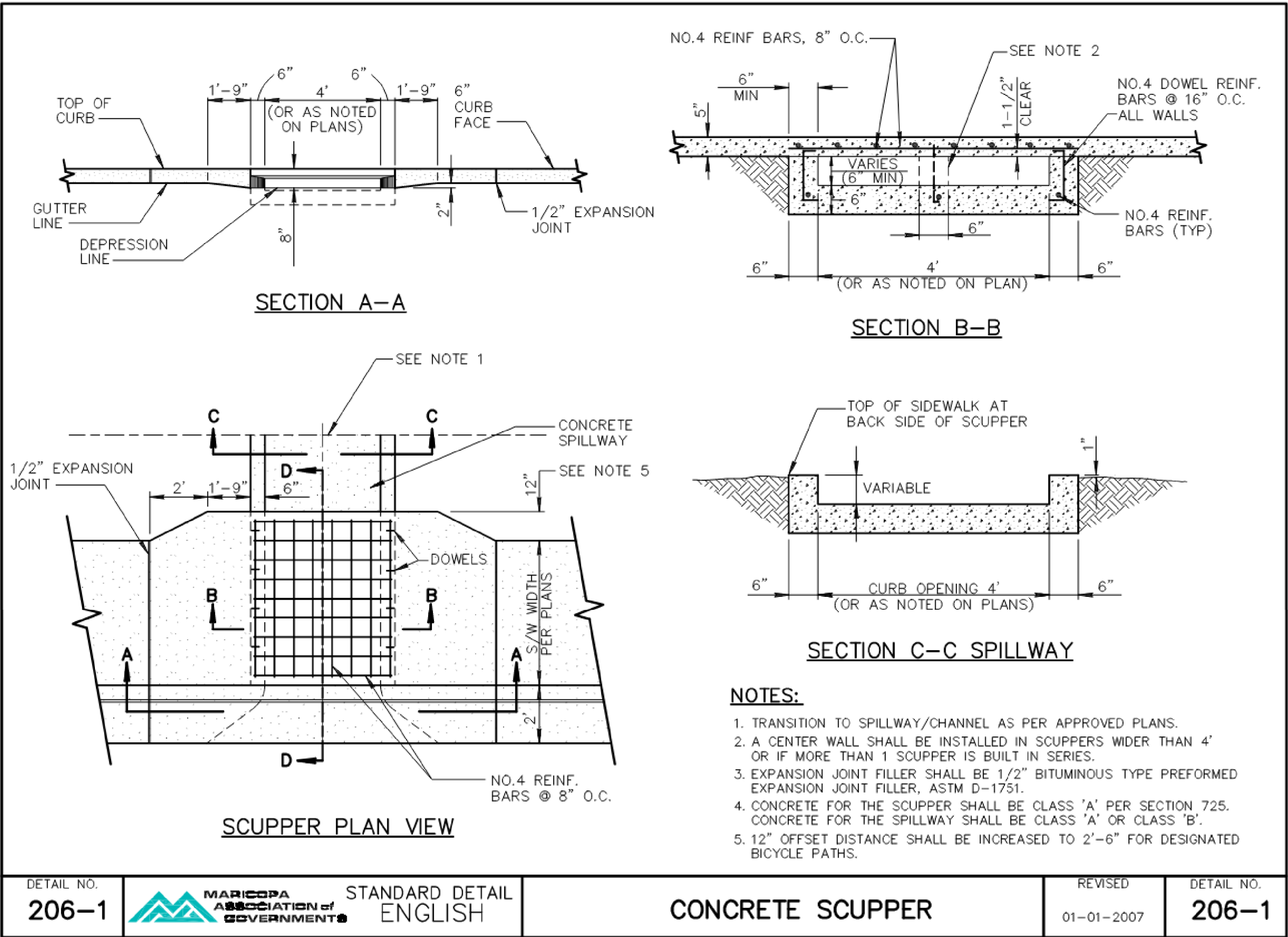
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 000 CN SED	FEDERAL ID NO. SED-0(203)T	SHEET NO. 9	TOTAL SHEETS 55	RECORD DRAWING
LOCATION BREWER ROAD SHARED-USE PATH						DWG NO. G-05.02
TRACS NO. T0537 01C						___ OF ___



Detail C1

Standard Details



Detail C2
MAG Standard Details



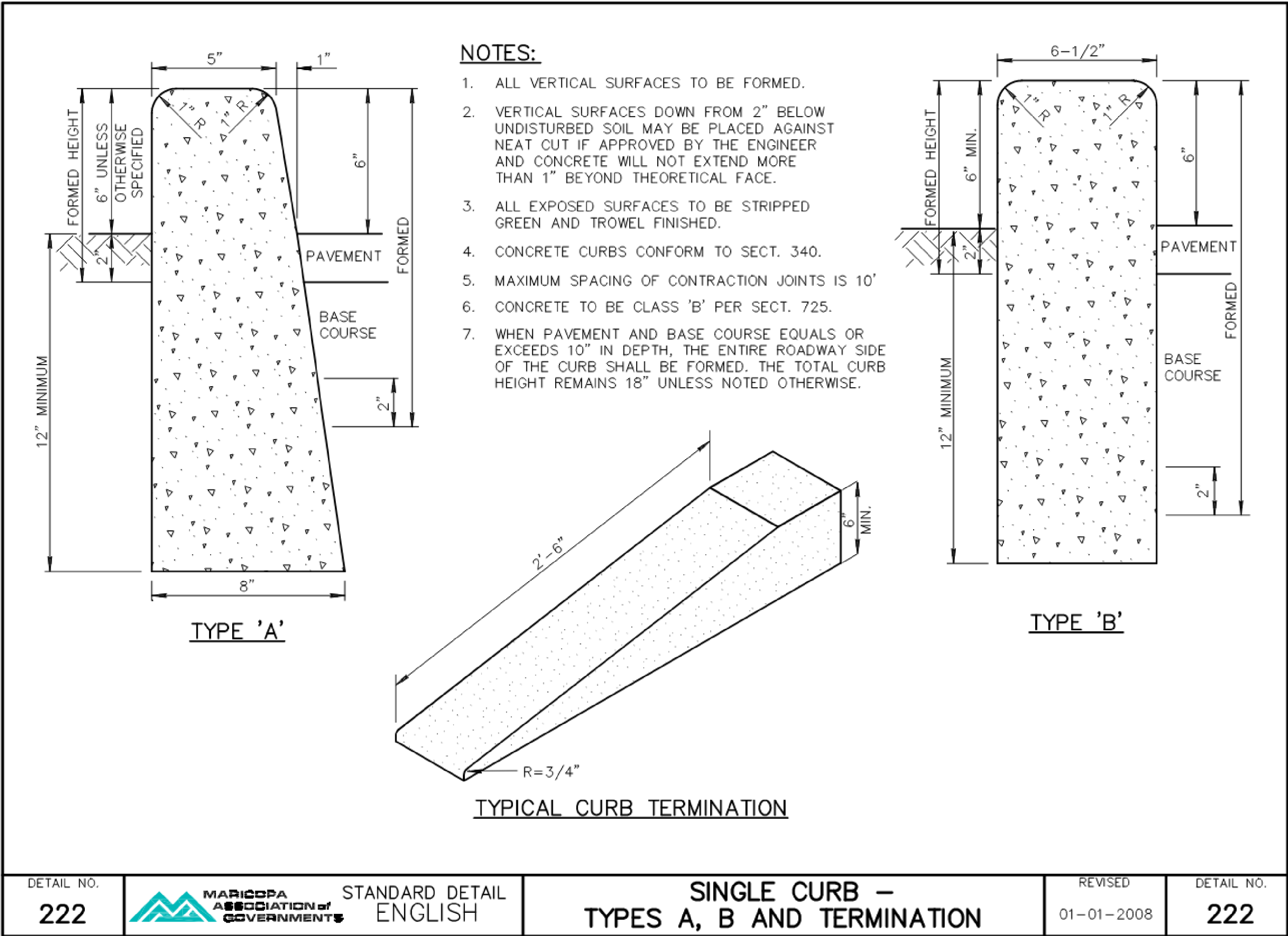
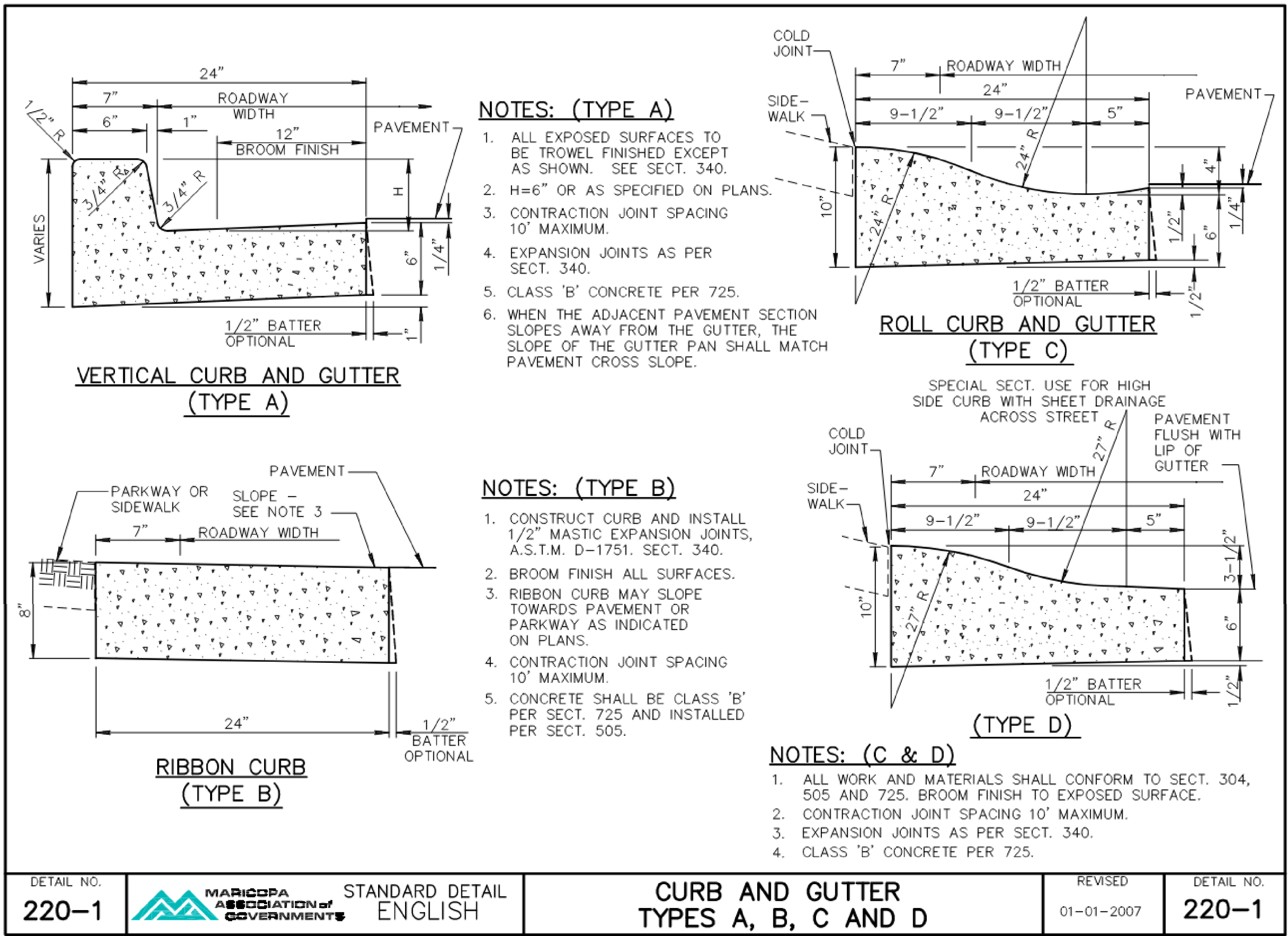
DESIGN	C ESTUS	DATE	06-2026
DRAWN	C ESTUS	DATE	06-2026
CHECKED	B JONES	DATE	06-2026

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

DETAILS

ROUTE	-----
MILEPOST	-----
STRUCTURE NO.	-----

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	000 CN SED	SED-0(203)T	11	55	
LOCATION BREWER ROAD SHARED-USE PATH						DWG NO. G-05.04
TRACS NO. T0537 01C						___ OF ___



Detail C3

MAG Standard Details

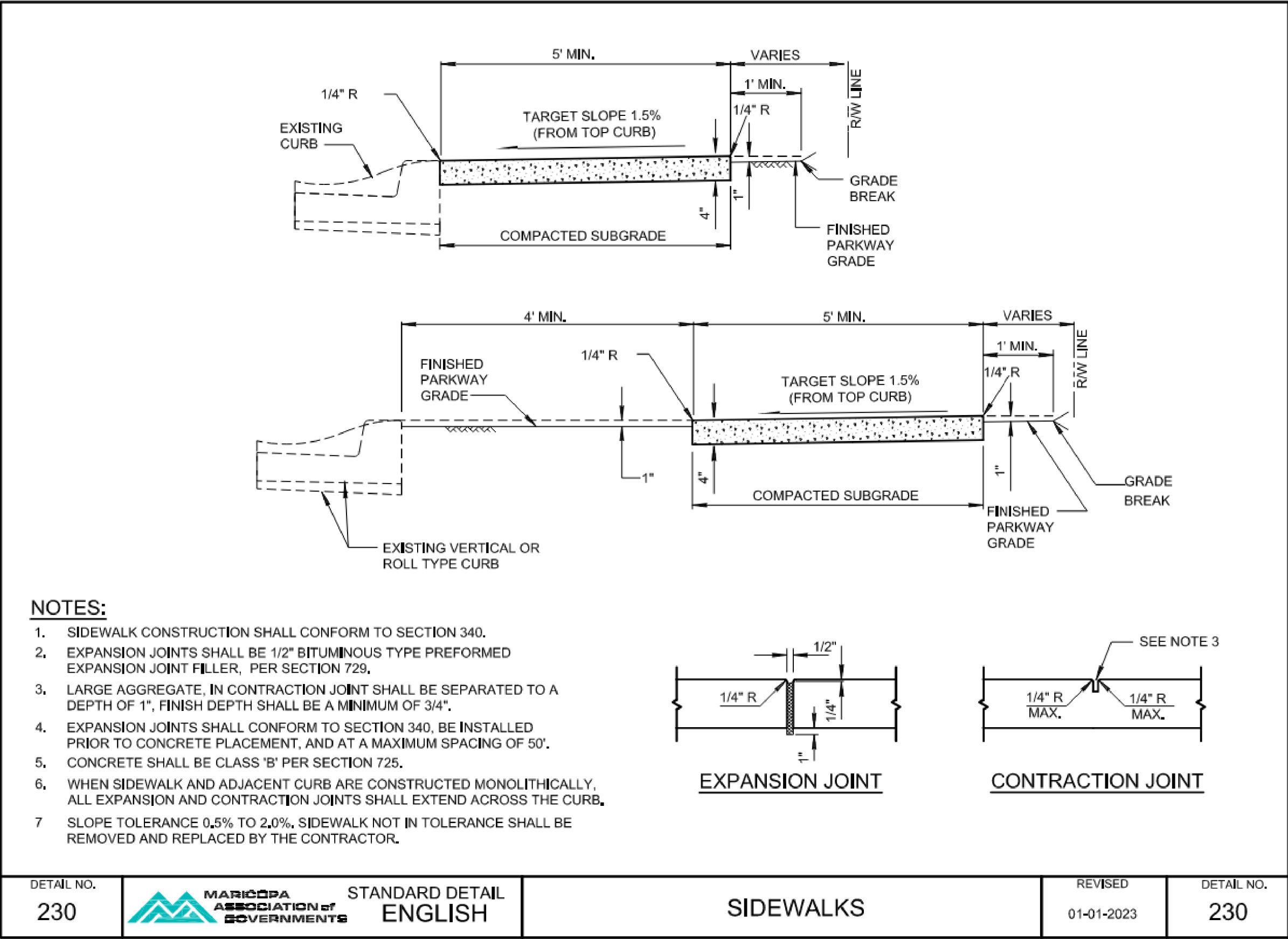
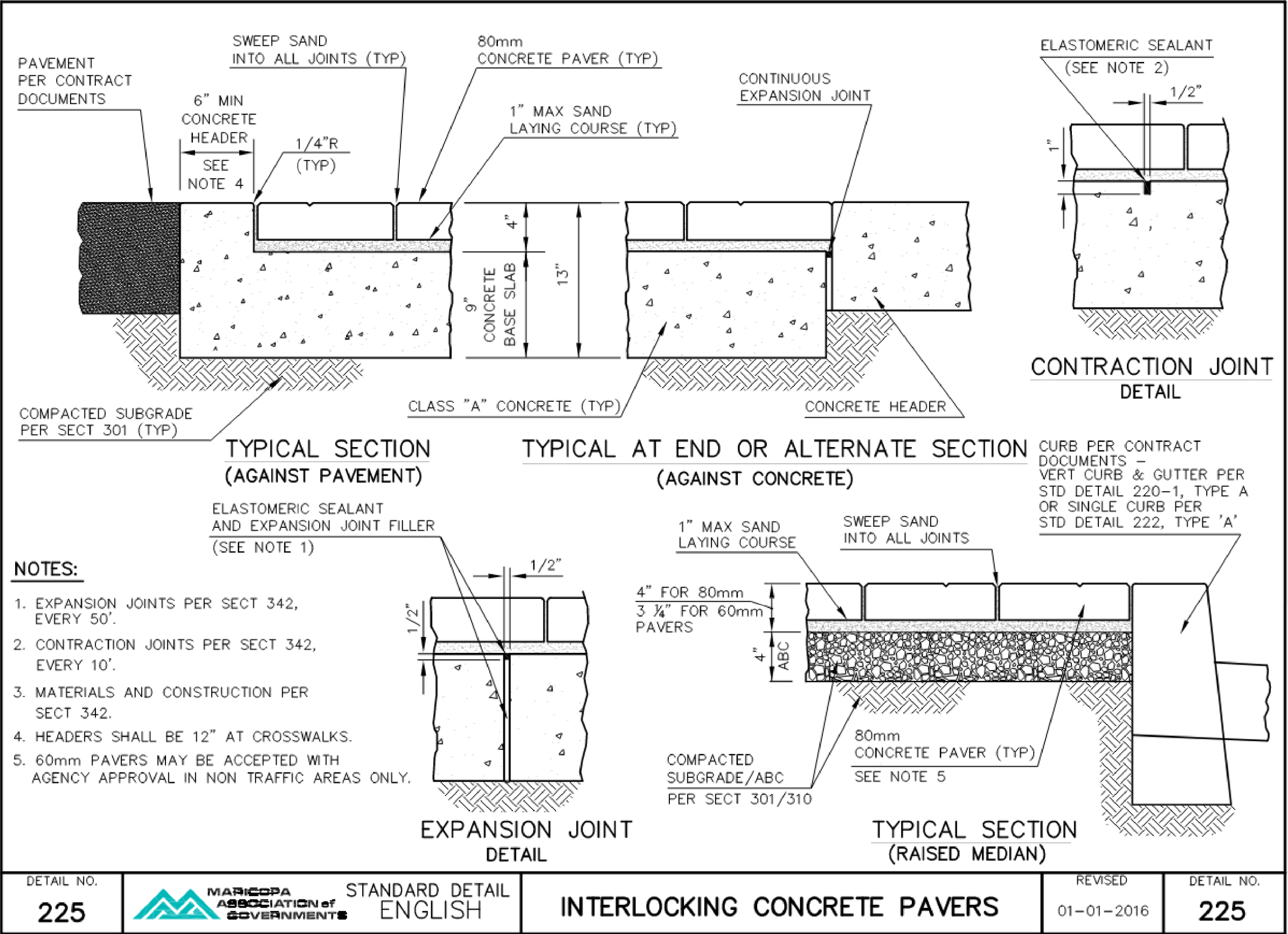


DESIGN	C ESTUS	DATE	06-2026
DRAWN	C ESTUS	DATE	06-2026
CHECKED	B JONES	DATE	06-2026

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

DETAILS

ROUTE	-----	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	000 CN SED	FEDERAL ID NO.	SED-0(203)T	SHEET NO.	10	TOTAL SHEETS	55	RECORD DRAWING	-----
MILEPOST	-----	LOCATION	BREWER ROAD SHARED-USE PATH										DWG NO.	G-05.03
STRUCTURE NO.	-----	TRACS NO.	T0537 01C										OF	-----



Detail C4

MAG Standard Details



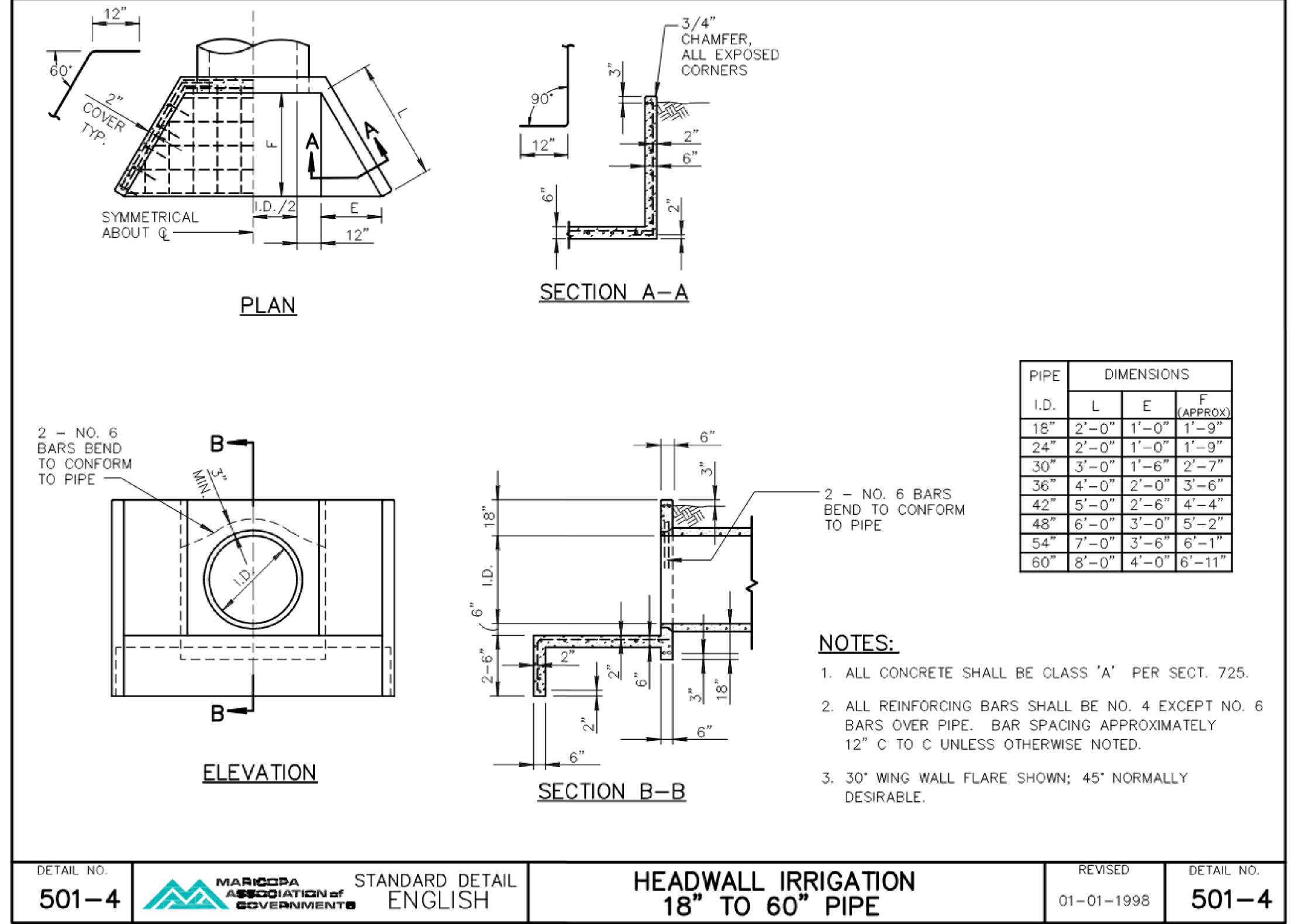
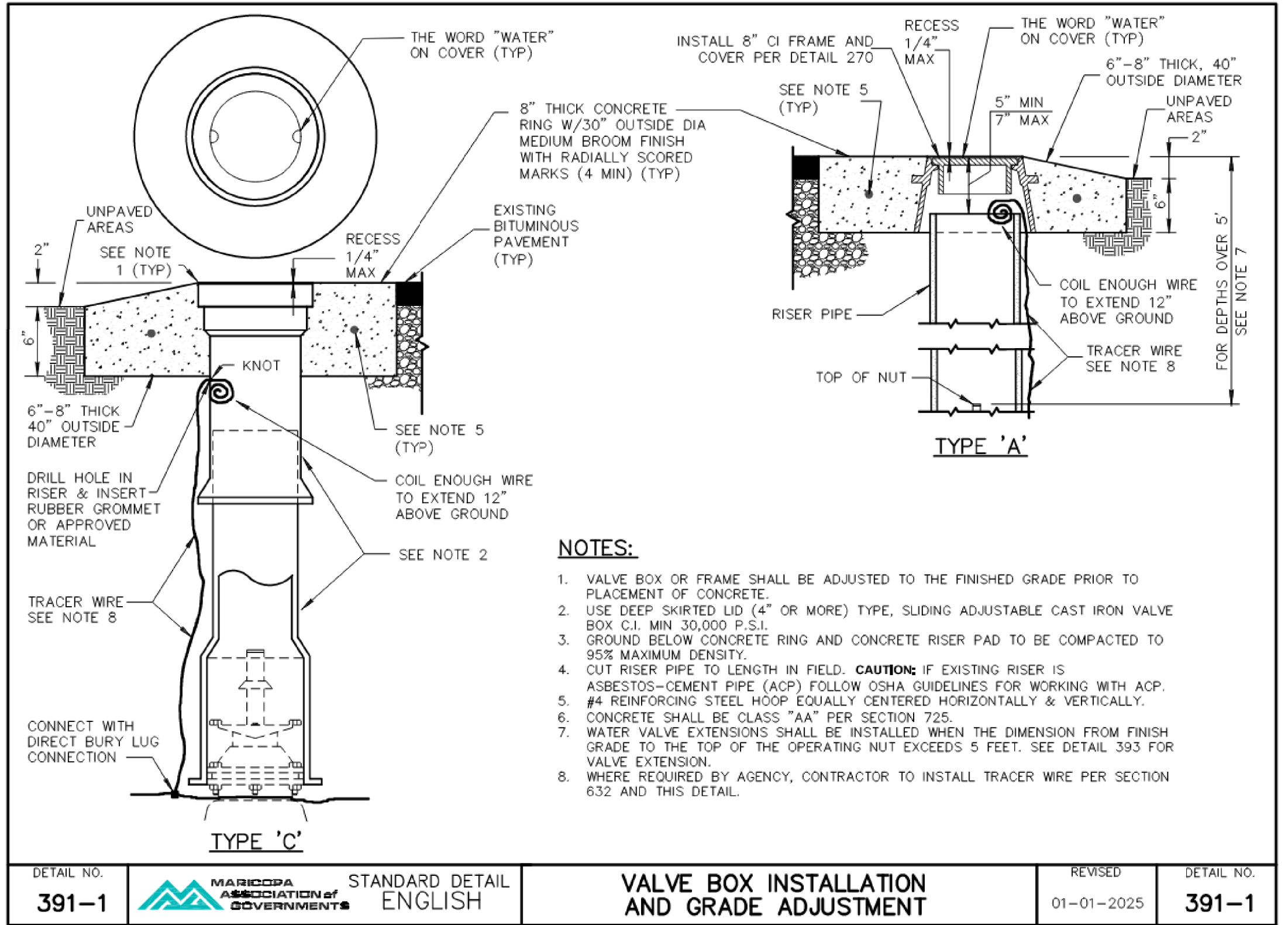
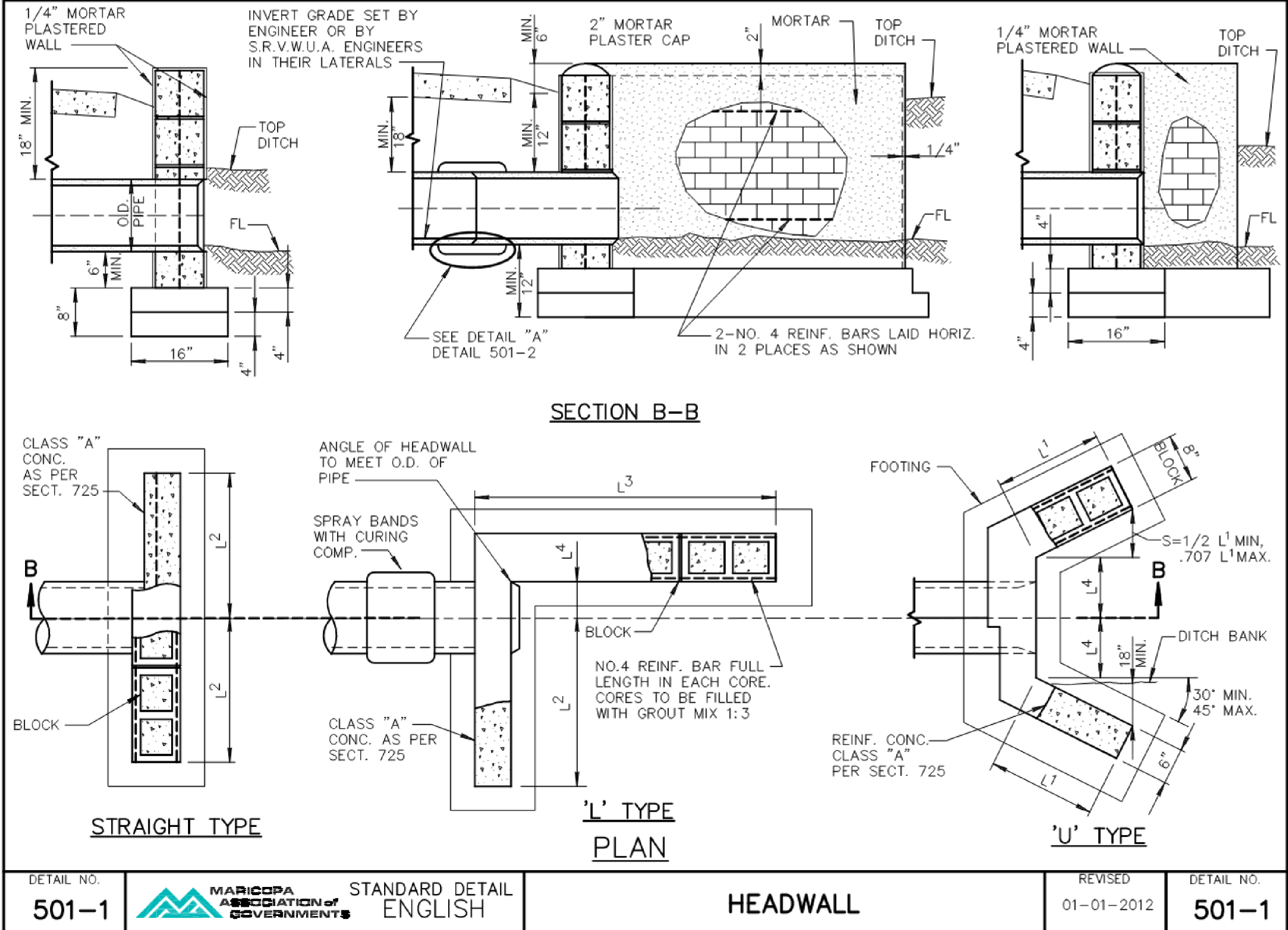
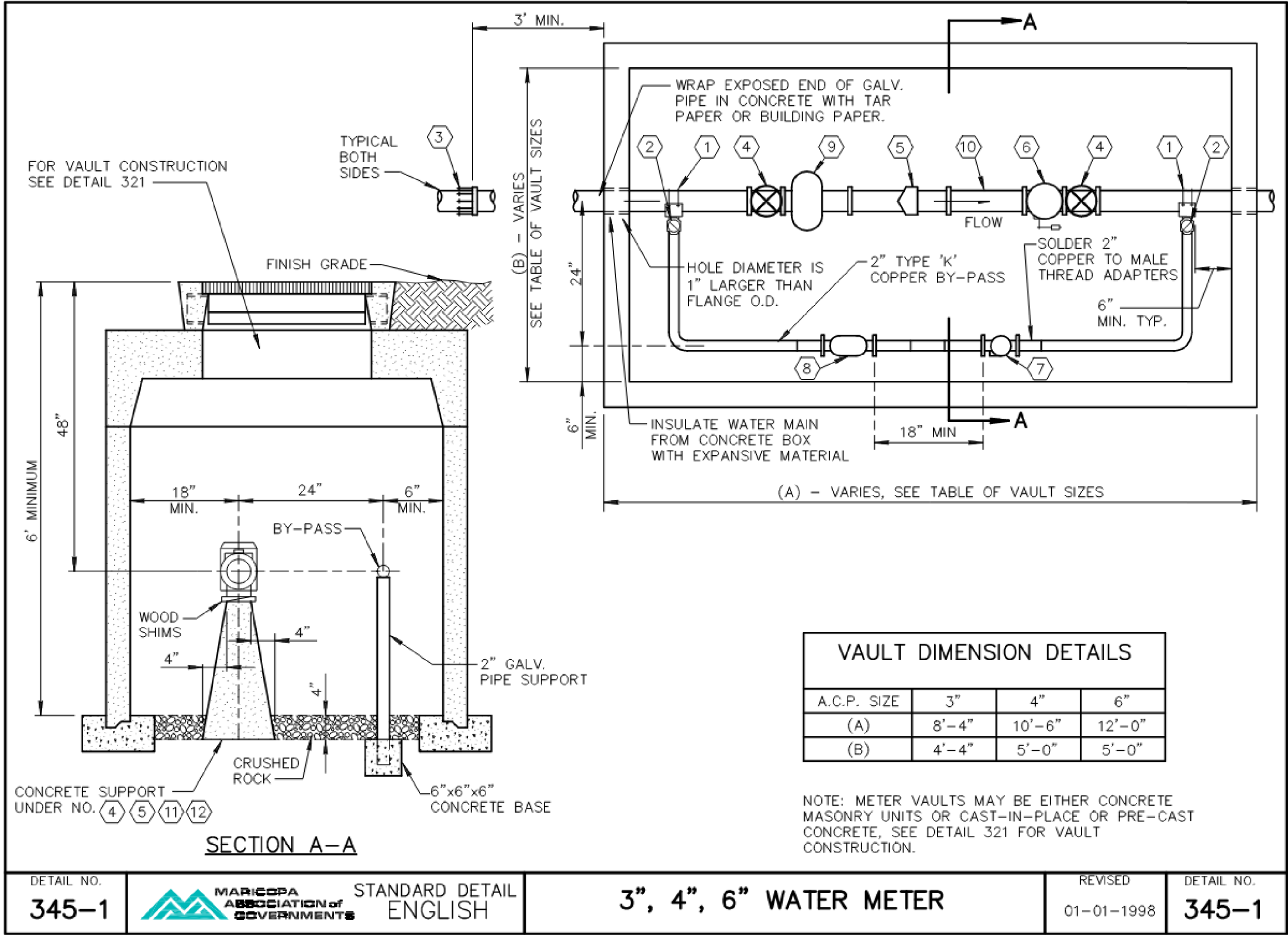
DESIGN	C ESTUS	06-2026
DRAWN	C ESTUS	06-2026
CHECKED	B JONES	06-2026

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

DETAILS

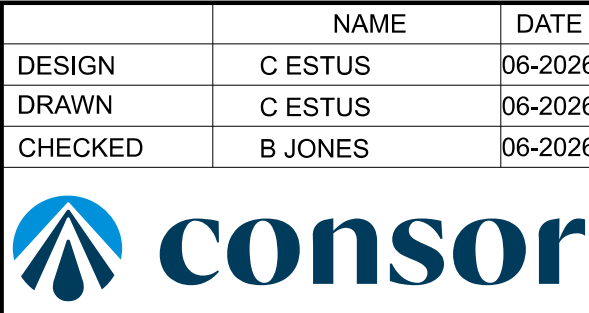
ROUTE	-----
MILEPOST	-----
STRUCTURE NO.	-----

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	000 CN SED	SED-0(203)T	13	55	
LOCATION BREWER ROAD SHARED-USE PATH						DWG NO. G-05.06
TRACS NO. T0537 01C						OF

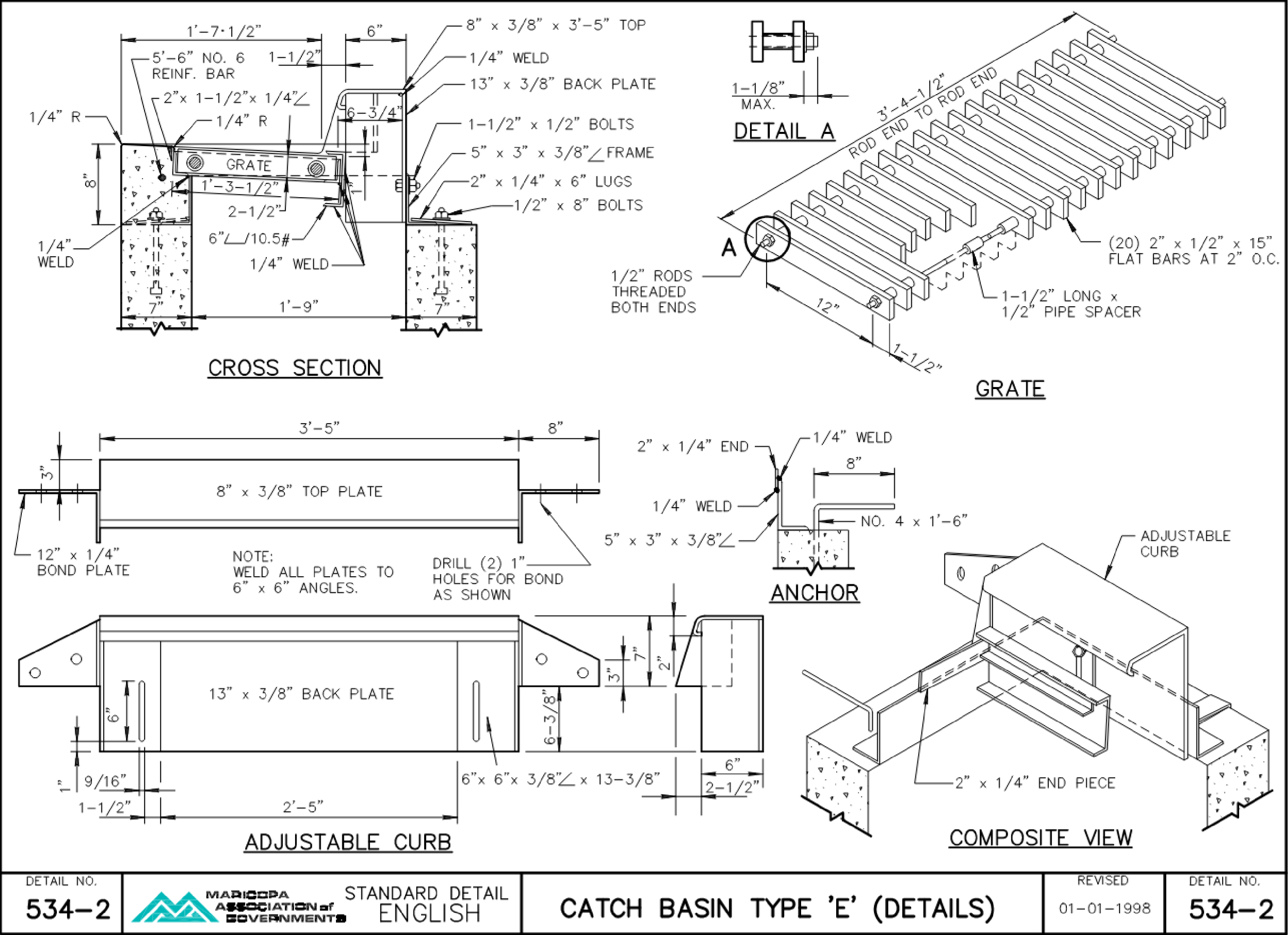
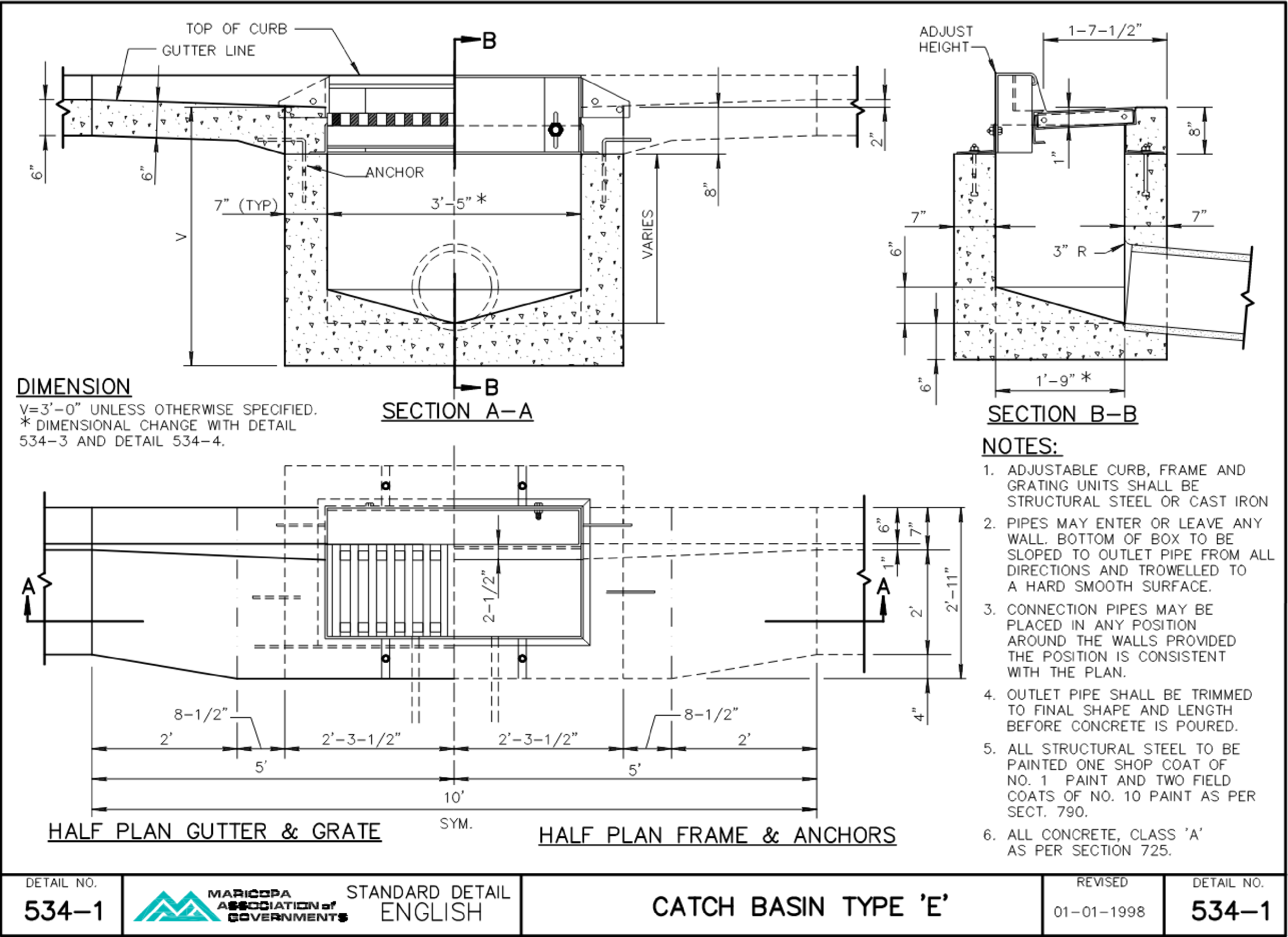


Detail C5

MAG Standard Details



DESIGN	C ESTUS	06-2026	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	000 CN SED	FEDERAL ID NO.	SED-0(203)T	SHEET NO.	14	TOTAL SHEETS	55	RECORD DRAWING	
DRAWN	C ESTUS	06-2026		MILEPOST		LOCATION	BREWER ROAD SHARED-USE PATH								DWG NO.	G-05.07	
CHECKED	B JONES	06-2026		STRUCTURE NO.		TRACS NO.	T0537 01C									OF	



Detail C6

MAG Standard Details



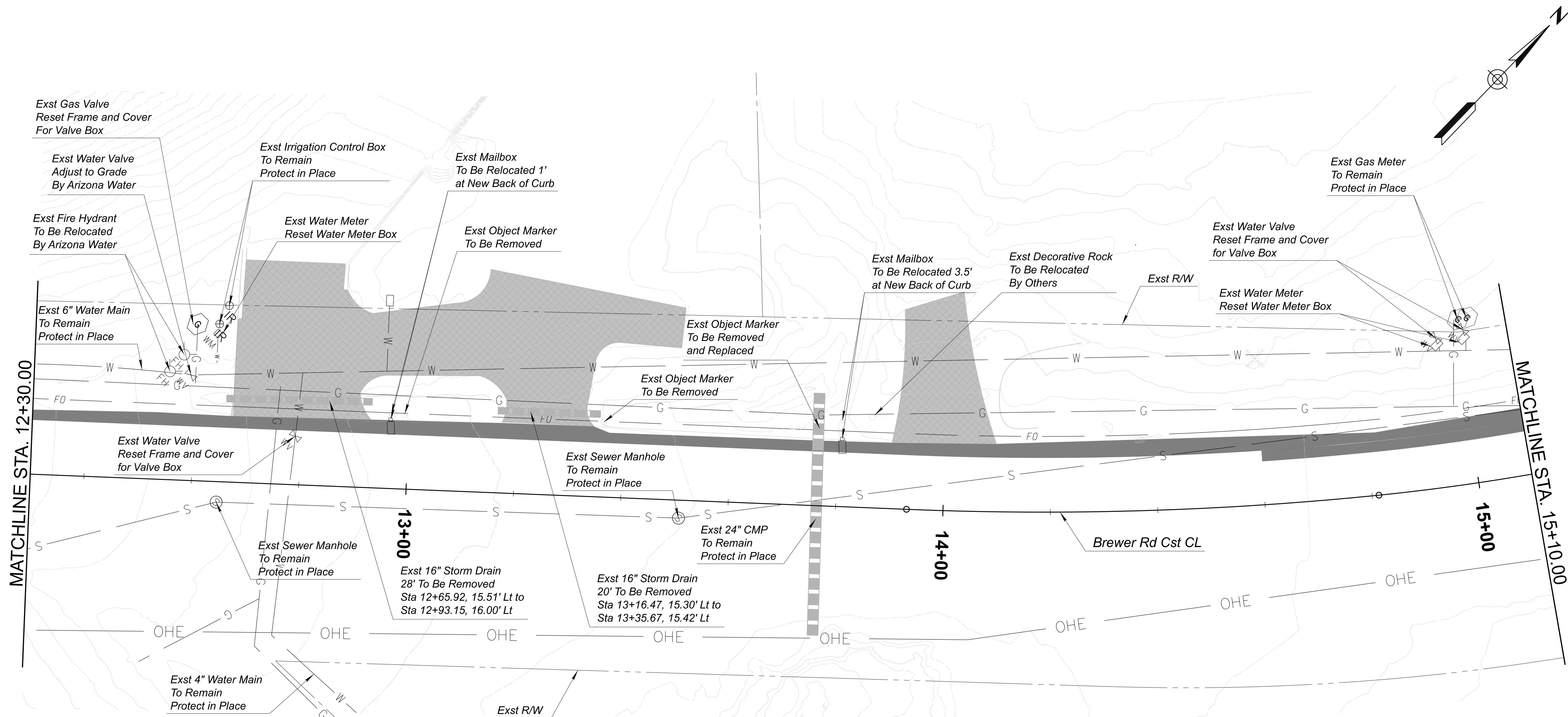
DESIGN	C ESTUS	06-2026
DRAWN	C ESTUS	06-2026
CHECKED	B JONES	06-2026

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

DETAILS

ROUTE	-----
MILEPOST	-----
STRUCTURE NO.	-----

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	000 CN SED	SED-0(203)T	15	55	
LOCATION BREWER ROAD SHARED-USE PATH						DWG NO. G-05.08
TRACS NO. T0537 01C						OF

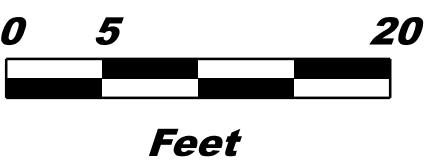


REMOVAL NOTES:

- Contractor to verify pavement depth and pavement limits.
- Mailboxes to be removed and relocated/replaced shall be coordinated with the owner and United States Postal Service.
- Contractor to verify utility depth and locations.

LEGEND:

- Removal of Concrete Driveway, 1,983 SF
- Removal of Asphalt Driveway
- Removal of Asphalt Pavement, 677 SF

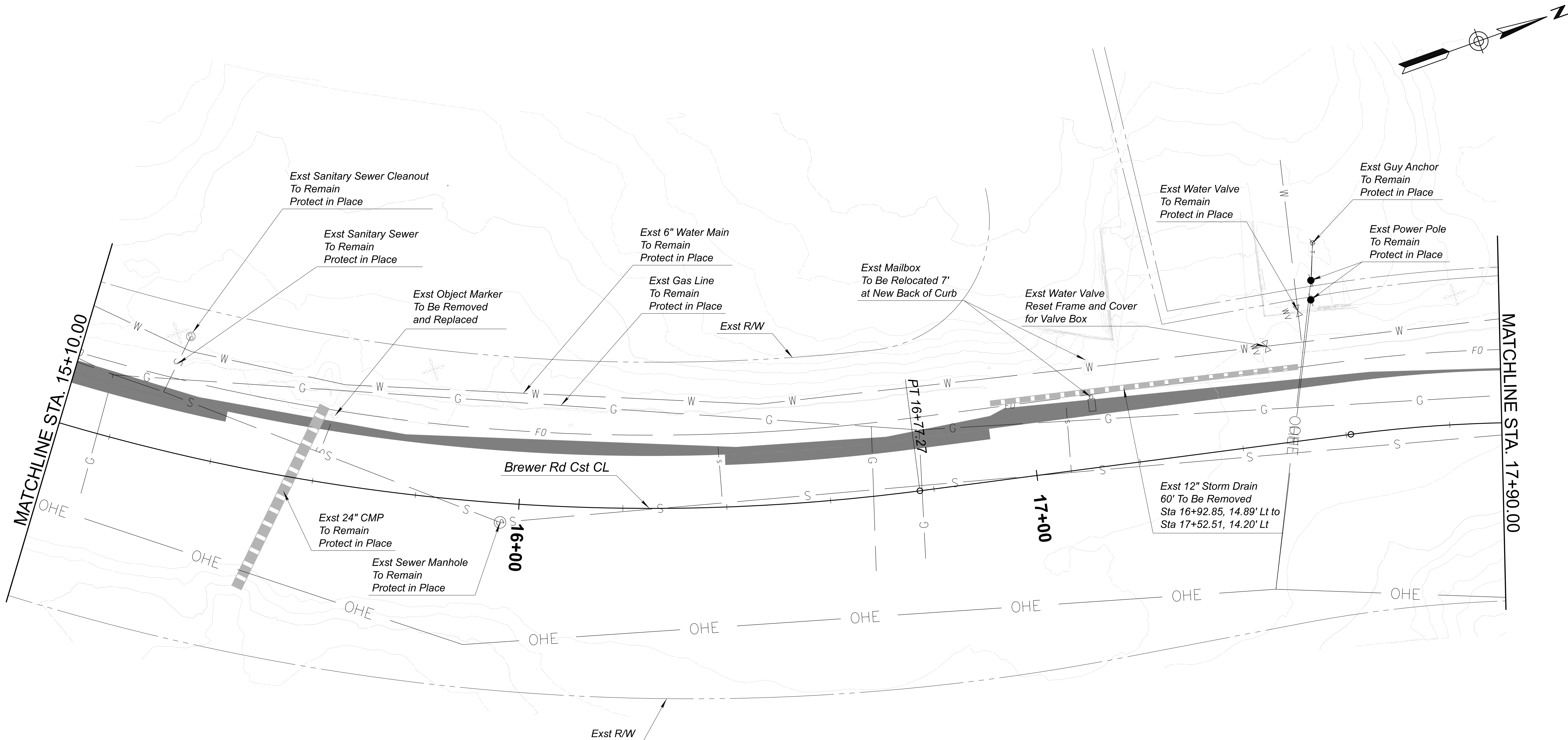


	NAME	DATE
DESIGN	C ESTUS	06-2026
DRAWN	C ESTUS	06-2026
CHECKED	B JONES	06-2026

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

EXISTING CONDITIONS AND REMOVAL SHEETS

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
-----	ARIZ.	000 CN SED	SED-0(203)T	17	55	
LOCATION	BREWER ROAD SHARED-USE PATH					DWG NO. C-01.02
STRUCTURE NO.	TRACS NO. T0537 01C					OF

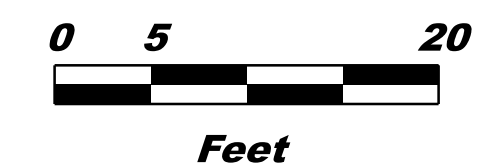


REMOVAL NOTES:

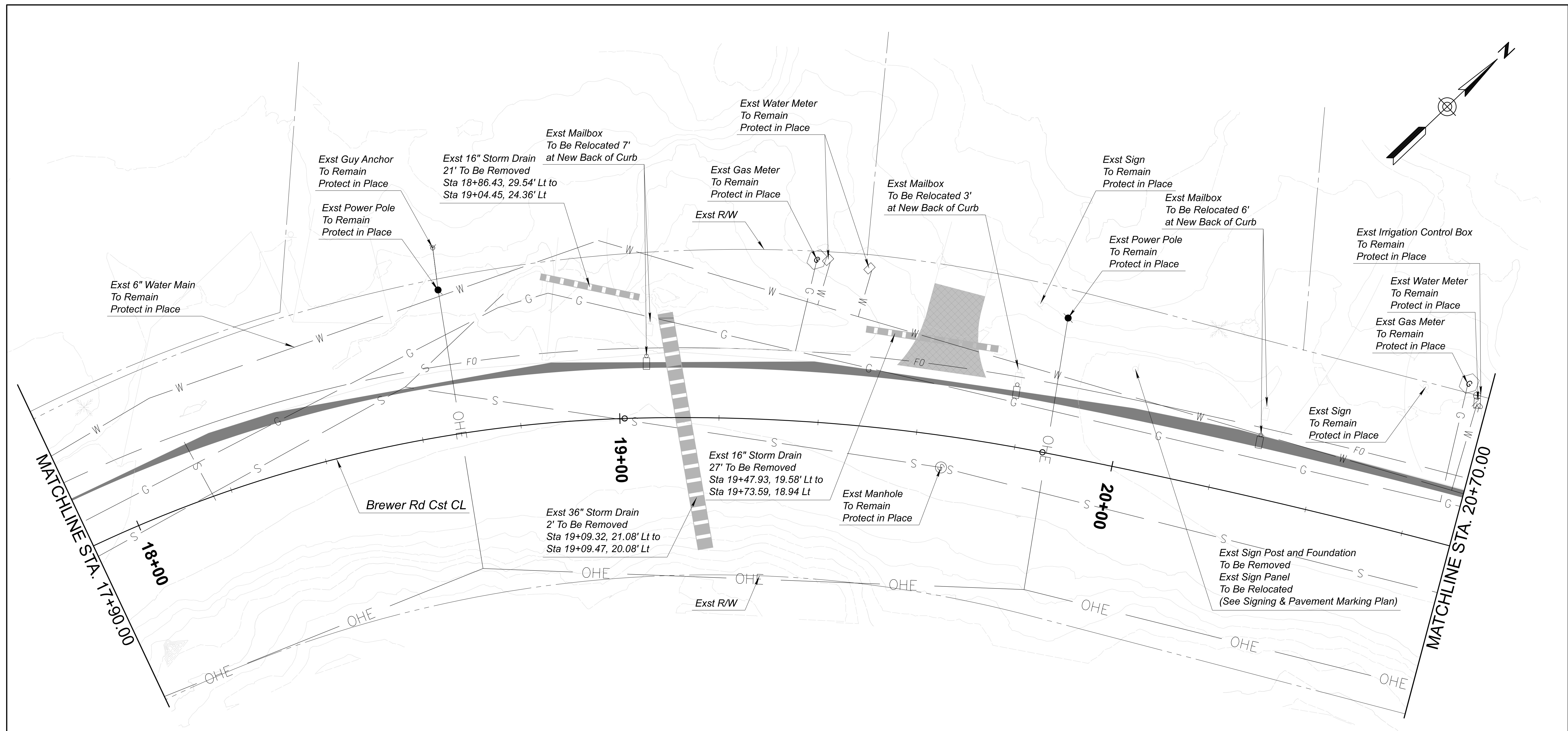
1. Contractor to verify pavement depth and pavement limits.
2. Mailboxes to be removed and relocated/replaced shall be coordinated with the owner and United States Postal Service.
3. Contractor to verify utility depth and locations.

LEGEND:

- Removal of Concrete Driveway
- Removal of Asphalt Driveway
- Removal of Asphalt Pavement, 540 SF



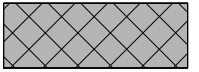
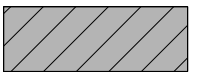
	DESIGN	C ESTUS	06-2026	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DRAWN	C ESTUS	06-2026		ARIZ.		000 CN SED	SED-0(203)T	18	55		
	CHECKED	B JONES	06-2026		LOCATION BREWER ROAD SHARED-USE PATH					DWG NO. C-01.03		
				EXISTING CONDITIONS AND REMOVAL SHEETS	STRUCTURE NO.	TRACS NO. T0537 01C		OF				

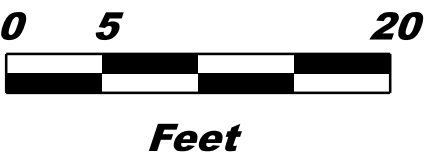


REMOVAL NOTES:

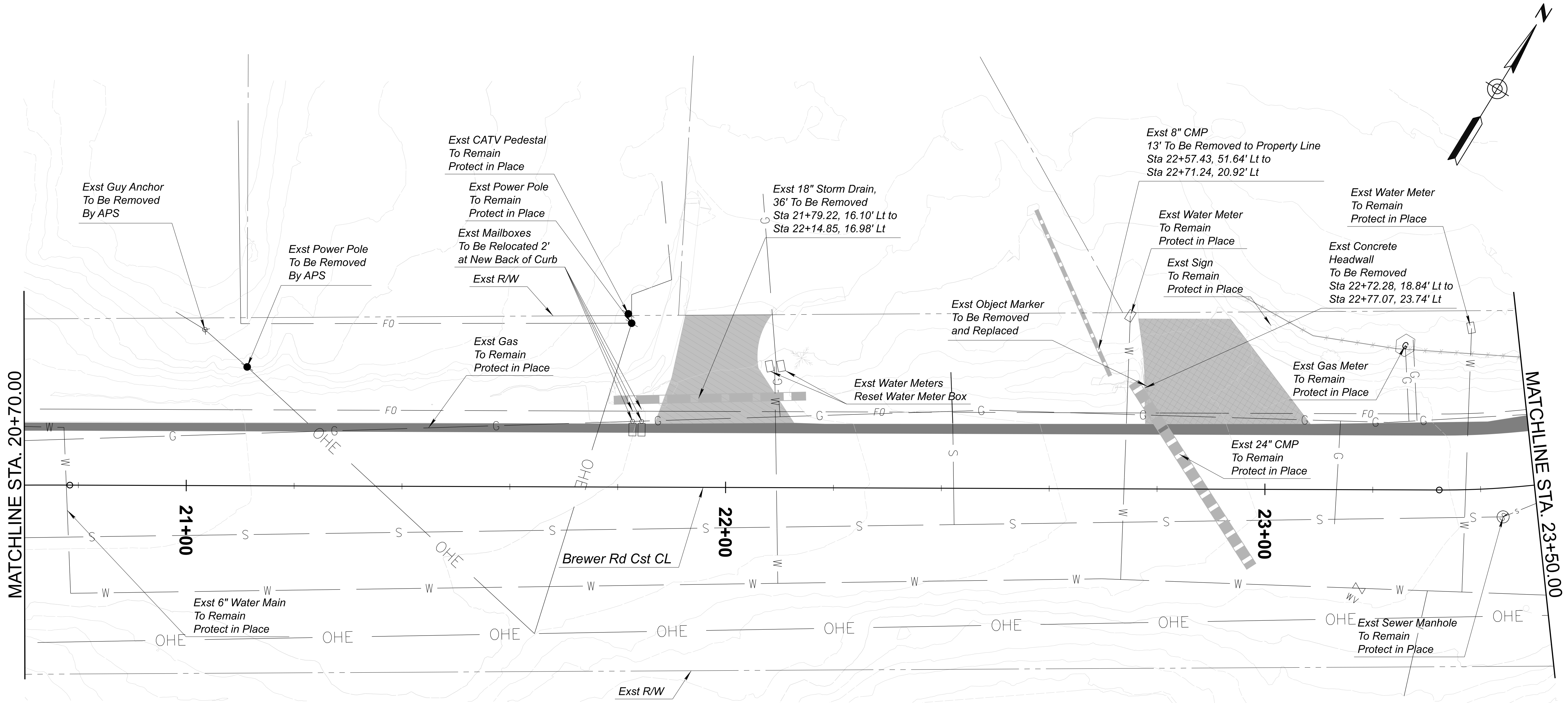
1. Contractor to verify pavement depth and pavement limits.
2. Mailboxes to be removed and relocated/replaced shall be coordinated with the owner and United States Postal Service.
3. Contractor to verify utility depth and locations.

LEGEND:

-  Removal of Concrete Driveway, 209 SF
-  Removal of Asphalt Driveway
-  Removal of Asphalt Pavement, 440 SF



	<table><tr><th></th><th>NAME</th><th>DATE</th></tr><tr><td>DESIGN</td><td>C ESTUS</td><td>06-2026</td></tr><tr><td>DRAWN</td><td>C ESTUS</td><td>06-2026</td></tr><tr><td>CHECKED</td><td>B JONES</td><td>06-2026</td></tr></table>		NAME	DATE	DESIGN	C ESTUS	06-2026	DRAWN	C ESTUS	06-2026	CHECKED	B JONES	06-2026		ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE -----	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 000 CN SED	FEDERAL ID NO. SED-0(203)T	SHEET NO. 19	TOTAL SHEETS 55	RECORD DRAWING
		NAME	DATE																				
	DESIGN	C ESTUS	06-2026																				
	DRAWN	C ESTUS	06-2026																				
CHECKED	B JONES	06-2026																					
			EXISTING CONDITIONS AND REMOVAL SHEETS	MILEPOST -----																			
				STRUCTURE NO. -----	LOCATION BREWER ROAD SHARED-USE PATH						DWG NO. C-01.04												
						TRACS NO. T0537 01C				____ OF ____													

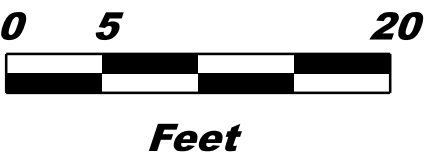


REMOVAL NOTES:

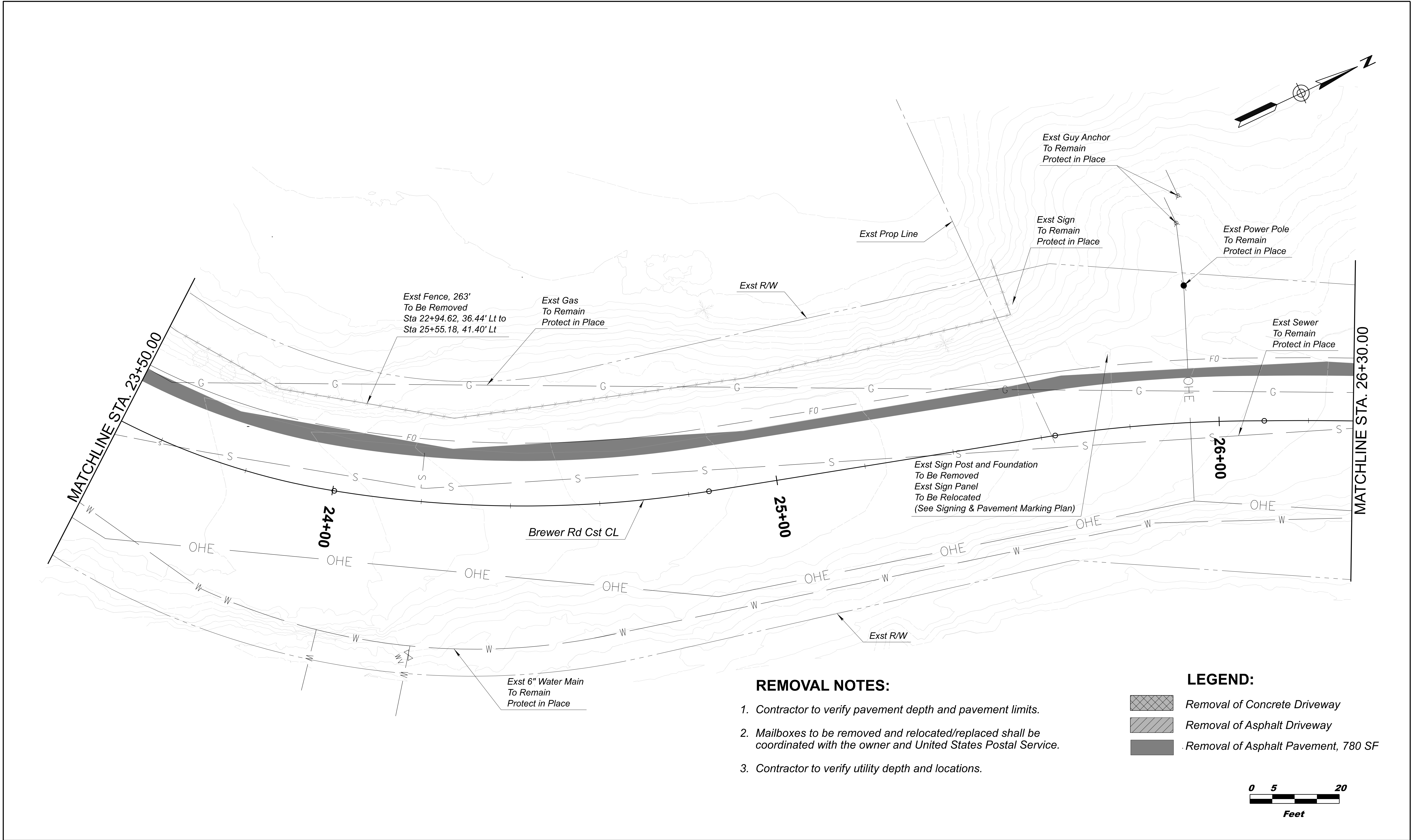
- 1. Contractor to verify pavement depth and pavement limits.
- 2. Mailboxes to be removed and relocated/replaced shall be coordinated with the owner and United States Postal Service.
- 3. Contractor to verify utility depth and locations.
- 4. Per APS, the City of Sedona to provide trench and conduit to reconfigure service.

LEGEND:

- Removal of Concrete Driveway, 461 SF
- Removal of Asphalt Driveway, 361 SF
- Removal of Asphalt Pavement, 512 SF



		ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE ----- MILEPOST ----- STRUCTURE NO. -----	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 000 CN SED	FEDERAL ID NO. SED-0(203)T	SHEET NO. 20	TOTAL SHEETS 55	RECORD DRAWING
				LOCATION BREWER ROAD SHARED-USE PATH						DWG NO. C-01.05
				TRACS NO. T0537 01C						OF

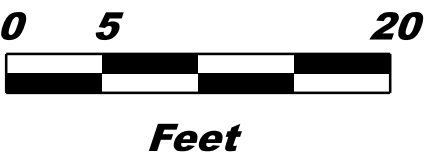


REMOVAL NOTES:

- 1. Contractor to verify pavement depth and pavement limits.
- 2. Mailboxes to be removed and relocated/replaced shall be coordinated with the owner and United States Postal Service.
- 3. Contractor to verify utility depth and locations.

LEGEND:

- Removal of Concrete Driveway
- Removal of Asphalt Driveway
- Removal of Asphalt Pavement, 780 SF

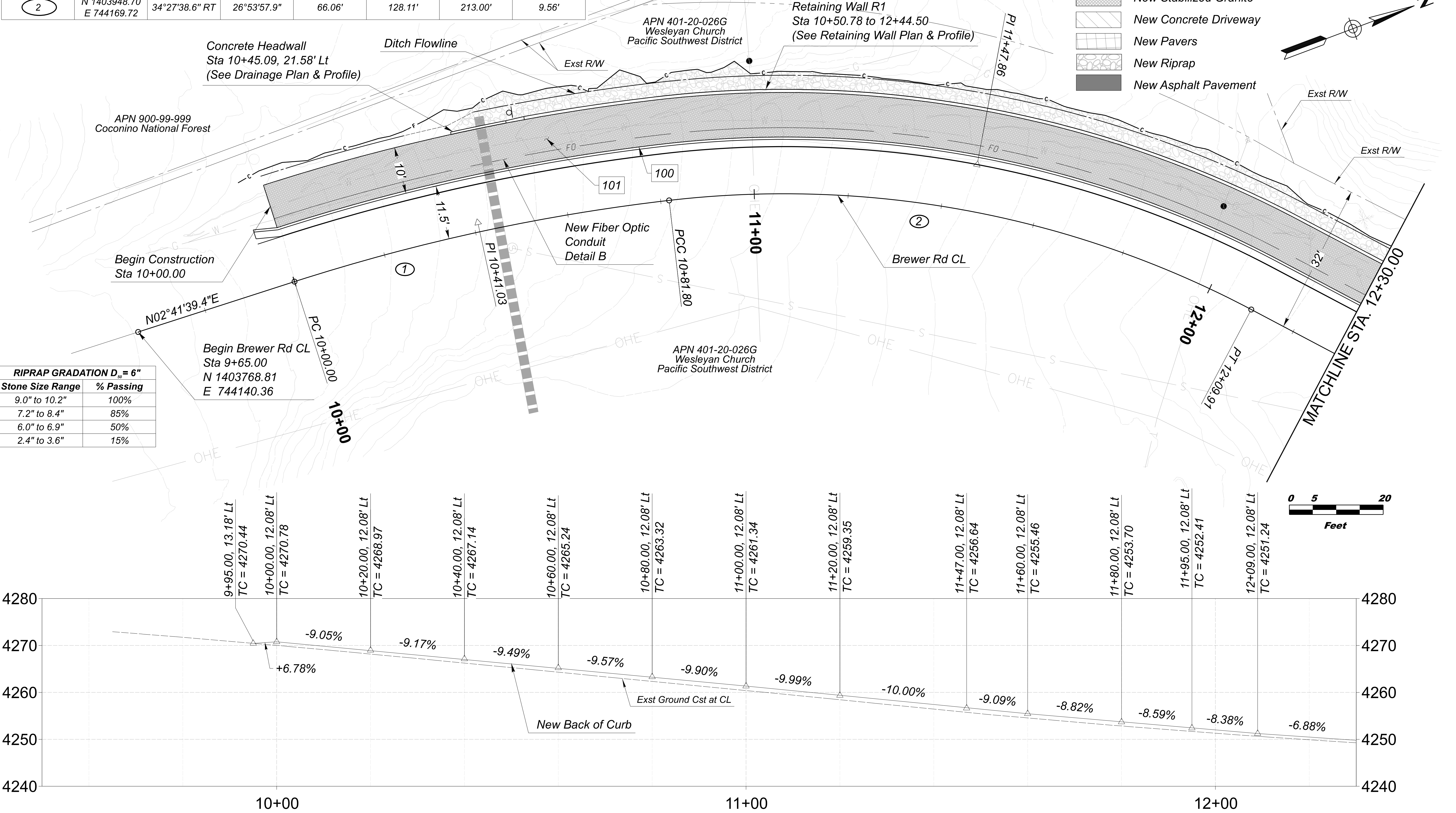


 <i>Brian Rondal Jones</i>	DESIGN	C ESTUS	06-2026	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DRAWN	C ESTUS	06-2026		-----	ARIZ.	000 CN SED	SED-0(203)T	21	55		
	CHECKED	B JONES	06-2026		MILEPOST							
		EXISTING CONDITIONS AND REMOVAL SHEETS			STRUCTURE NO.	BREWER ROAD SHARED-USE PATH						
						TRACS NO. T0537 01C						
DWG NO. C-01.06												
OF												

CURVE DATA TABLE							
CURVE ID	PI	Δ	D	T	L	R	EXT.
1	N 1403844.76 E 744143.93	11°14'35.3" RT	13°44'40.7"	41.03'	81.80'	416.86'	2.00'
2	N 1403948.70 E 744169.72	34°27'38.6" RT	26°53'57.9"	66.06'	128.11'	213.00'	9.56'

LEGEND:

- New Concrete
- New Stabilized Granite
- New Concrete Driveway
- New Pavers
- New Riprap
- New Asphalt Pavement



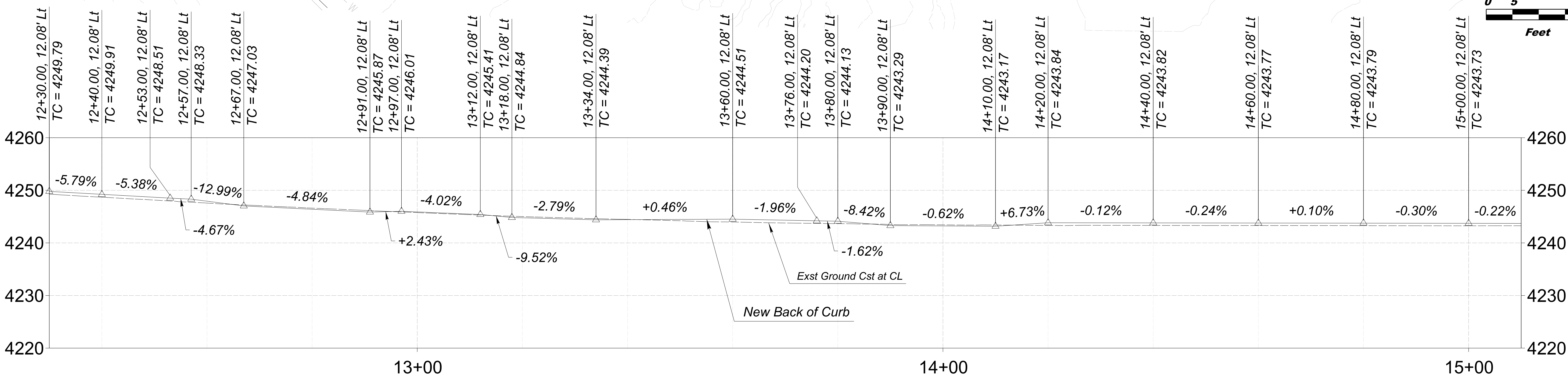
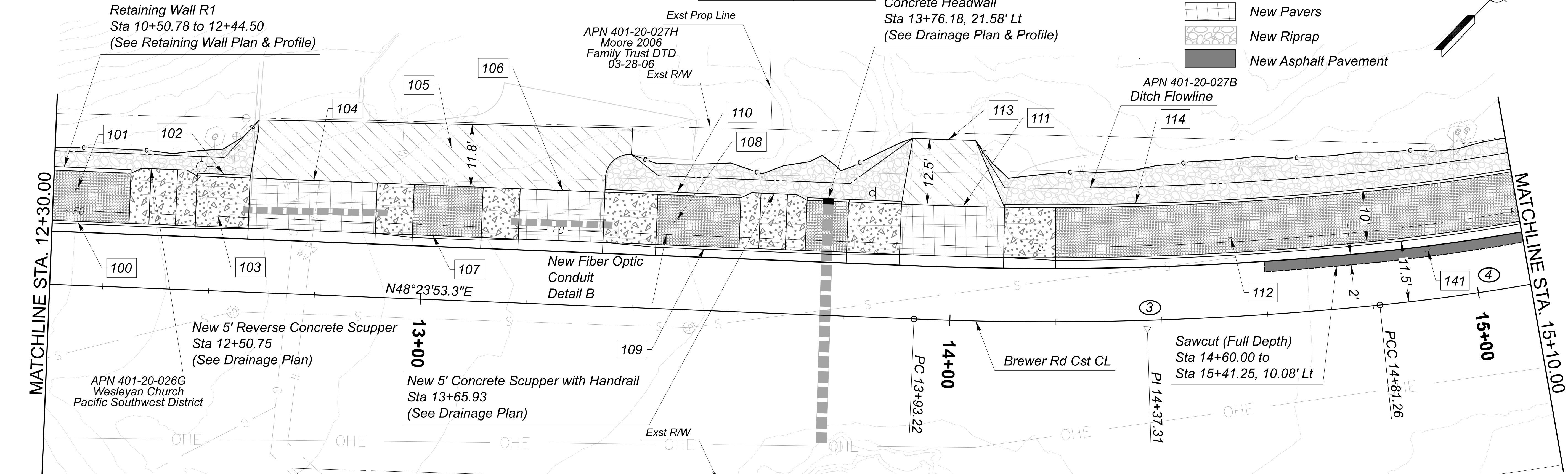
 <i>Brian Rondal Jones</i>	DESIGN	C ESTUS	06-2026	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DRAWN	C ESTUS	06-2026		-----			ARIZ.	000 CN SED	SED-0(203)T	23	55
	CHECKED	B JONES	06-2026		MILEPOST							
				PLAN AND PROFILE	STRUCTURE NO.		LOCATION BREWER ROAD SHARED-USE PATH DWG NO. C-02.01					
					TRACS NO. T0537 01C OF							

CURVE DATA TABLE							
CURVE ID	PI	Δ	D	T	L	R	EXT.
3	N 1404143.51 E 744389.20	08°08'41.8" LT	09°15'02.4"	44.10'	88.05'	619.37'	1.56'
4	N 1404253.39 E 744482.44	28°04'35.7" LT	14°19'26.2"	100.02'	196.01'	400.00'	11.95'

RIPRAP GRADATION D ₅₀ = 6"	
Stone Size Range	% Passing
9.0" to 10.2"	100%
7.2" to 8.4"	85%
6.0" to 6.9"	50%
2.4" to 3.6"	15%

LEGEND:

- New Concrete
- New Stabilized Granite
- New Concrete Driveway
- New Pavers
- New Riprap
- New Asphalt Pavement



	NAME	DATE
DESIGN	C. ESTUS	06-2026
DRAWN	C. ESTUS	06-2026
CHECKED	B. JONES	06-2026

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

PLAN AND PROFILE

ROUTE	-----
MILEPOST	-----
STRUCTURE NO.	-----

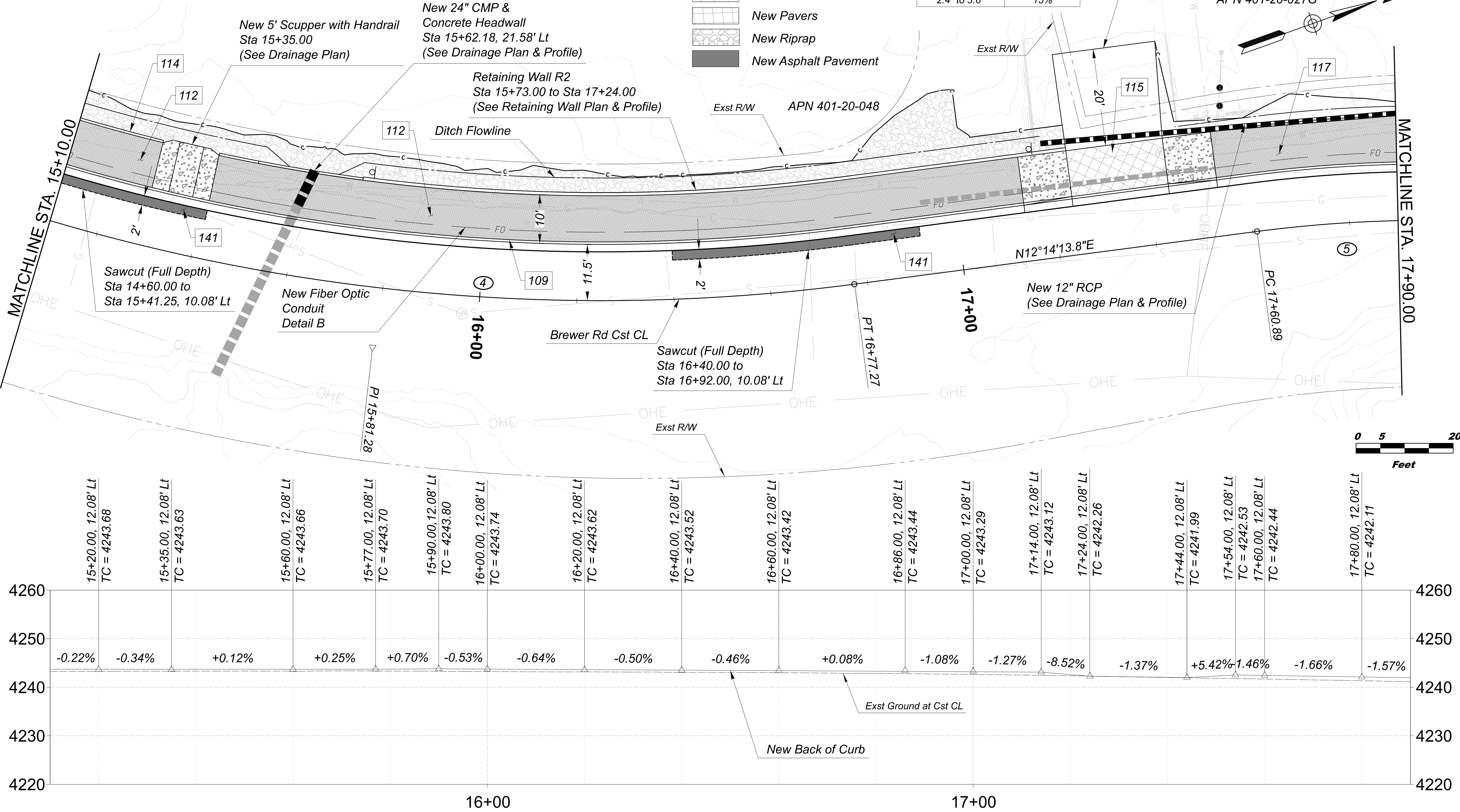
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	000 CN SED	SED-0(203)T	24	55	_____
LOCATION BREWER ROAD SHARED-USE PATH						DWG NO. C-02.02
TRACS NO. T0537 01C						____ OF ____

CURVE DATA TABLE							
CURVE ID	PI	Δ	D	T	L	R	EXT.
4	N 1404253.39 E 744482.44	28°04'35.7" LT	14°19'26.2"	100.02'	196.01'	400.00'	11.95'
5	N 1404502.86 E 744536.54	29°37'01.7" RT	21°08'32.5"	71.64'	140.08'	271.00'	9.00'

LEGEND:

- New Concrete
- New Stabilized Granite
- New Concrete Driveway
- New Pavers
- New Riprap
- New Asphalt Pavement

RIPRAP GRADATION D ₅₀ = 6"	
Stone Size Range	% Passing
9.0" to 10.2"	100%
7.2" to 8.4"	85%
6.0" to 6.9"	50%
2.4" to 3.6"	15%



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

PLAN AND PROFILE

ROUTE

MILEPOST

STRUCTURE NO.

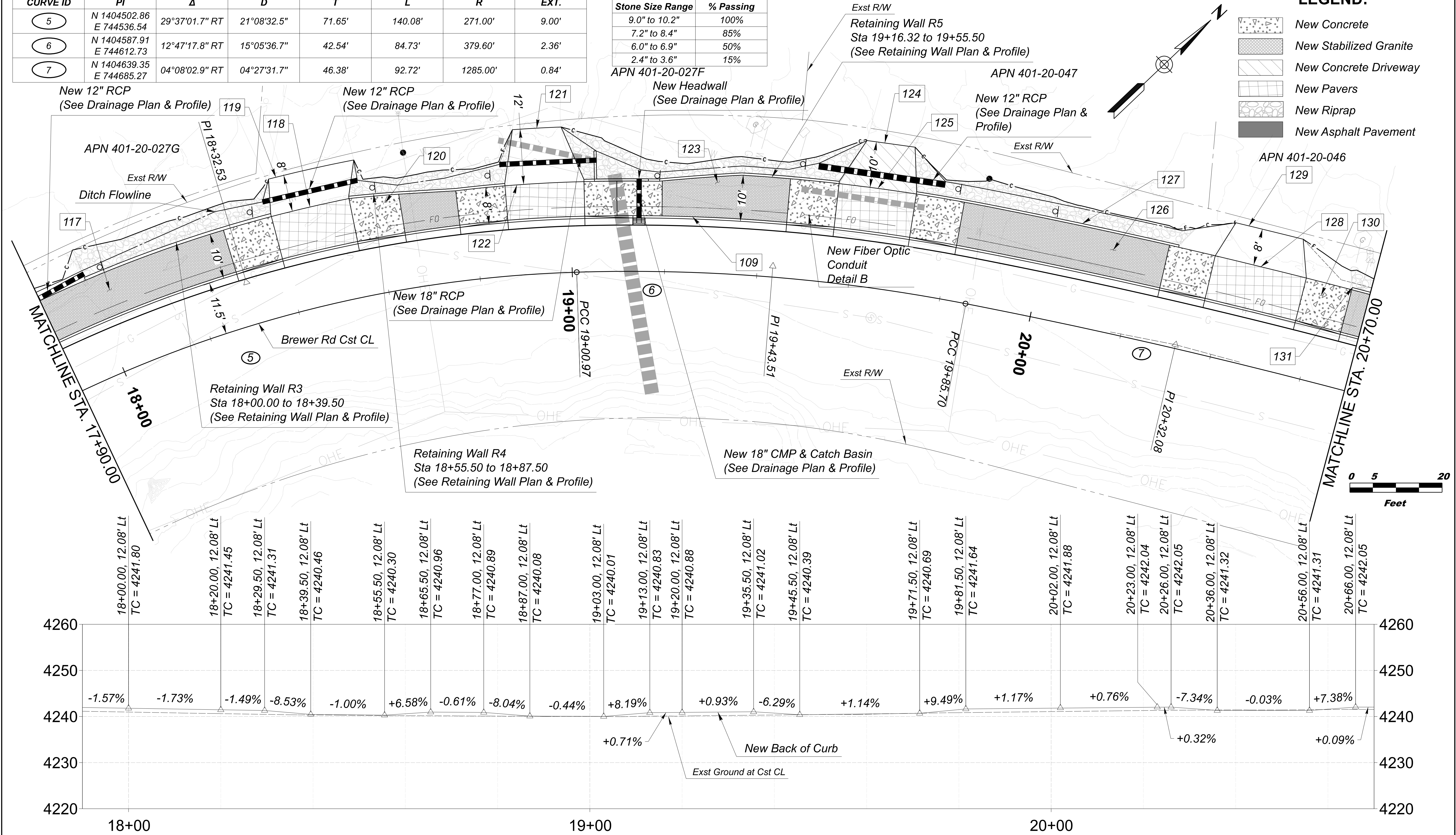
F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 000 CN SED	FEDERAL ID NO. SED-0(203)T	SHEET NO. 25	TOTAL SHEETS 55	RECORD DRAWING
LOCATION BREWER ROAD SHARED-USE PATH						DWG NO. C-02.03
TRACS NO. T0537 01C						OF

CURVE DATA TABLE							
CURVE ID	PI	Δ	D	T	L	R	EXT.
5	N 1404502.86 E 744536.54	29°37'01.7" RT	21°08'32.5"	71.65'	140.08'	271.00'	9.00'
6	N 1404587.91 E 744612.73	12°47'17.8" RT	15°05'36.7"	42.54'	84.73'	379.60'	2.36'
7	N 1404639.35 E 744685.27	04°08'02.9" RT	04°27'31.7"	46.38'	92.72'	1285.00'	0.84'

RIPRAP GRADATION D ₅₀ = 6"	
Stone Size Range	% Passing
9.0" to 10.2"	100%
7.2" to 8.4"	85%
6.0" to 6.9"	50%
2.4" to 3.6"	15%

LEGEND:

- New Concrete
- New Stabilized Granite
- New Concrete Driveway
- New Pavers
- New Riprap
- New Asphalt Pavement



DESIGN	C ESTUS	DATE	06-2026
DRAWN	C ESTUS	DATE	06-2026
CHECKED	B JONES	DATE	06-2026

ROUTE

MILEPOST

STRUCTURE NO.

ARIZONA DEPARTMENT OF TRANSPORTATION

PROJECT DELIVERY AND OPERATIONS DIVISION

ROADWAY DESIGN SECTION

PLAN AND PROFILE

F.H.W.A. Arizona Division

STATE

ARIZ.

PROJECT NO.

000 CN SED

FEDERAL ID NO.

SED-0(203)T

SHEET NO.

26

TOTAL SHEETS

55

RECORD DRAWING

LOCATION

BREWER ROAD SHARED-USE PATH

TRACS NO.

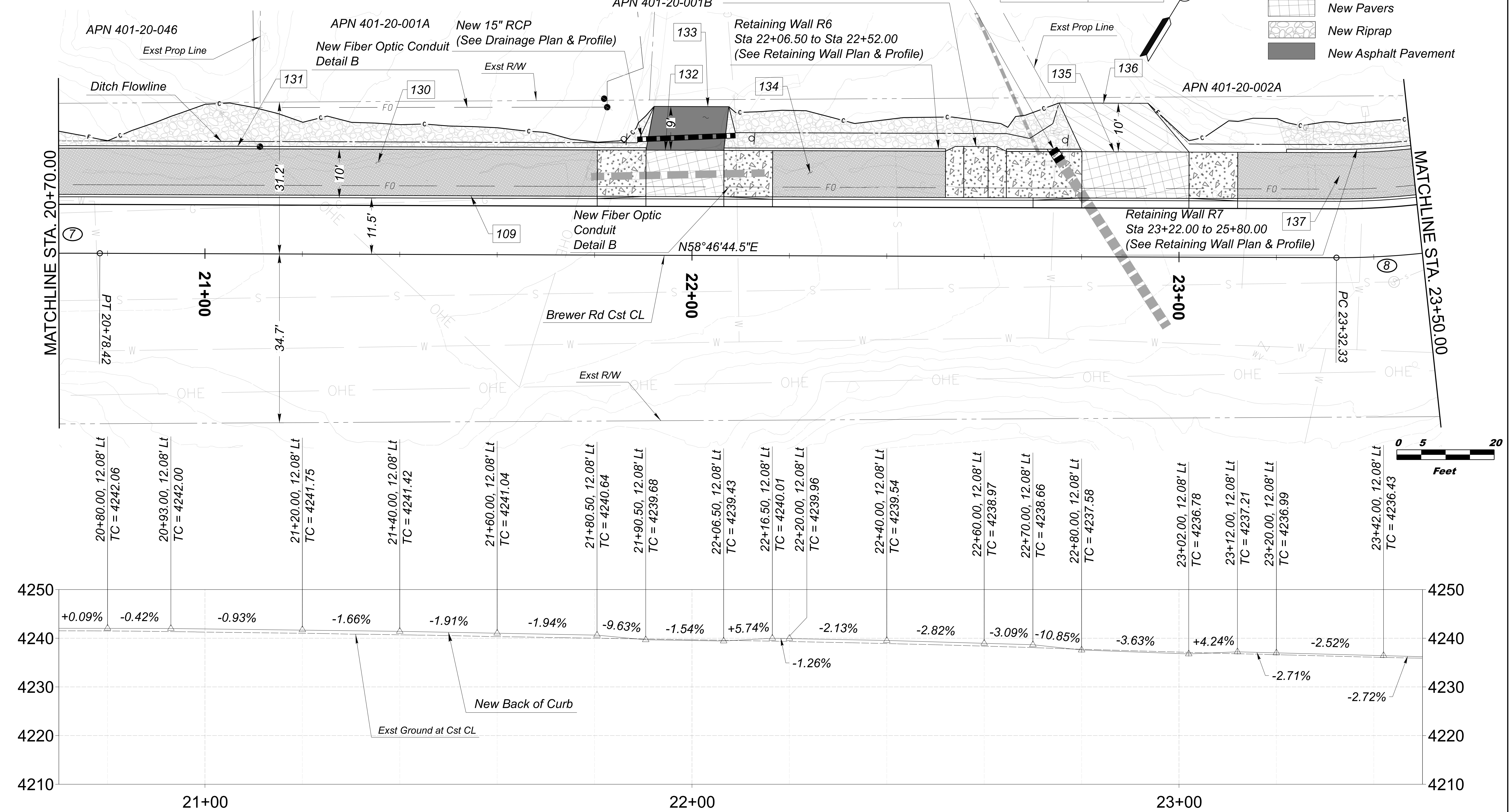
T0537 01C

DWG NO.

C-02.04

OF

CURVE DATA TABLE							
CURVE ID	PI	Δ	D	T	L	R	EXT.
7	N 1404639.35 E 744685.27	04°08'02.9" RT	04°27'31.7"	46.38'	92.72'	1285.00'	0.84'
8	N 1404812.88 E 744971.63	24°21'54.7" LT	35°48'35.5"	34.54'	68.04'	160.00'	3.60'



RIPRAP GRADATION D ₅₀ = 6"	
Stone Size Range	% Passing
9.0" to 10.2"	100%
7.2" to 8.4"	85%
6.0" to 6.9"	50%
2.4" to 3.6"	15%

- LEGEND:**
- New Concrete
 - New Stabilized Granite
 - New Concrete Driveway
 - New Pavers
 - New Riprap
 - New Asphalt Pavement

DESIGN

DRAWN

CHECKED

NAME

C ESTUS

C ESTUS

B JONES

DATE

06-2026

06-2026

06-2026

ARIZONA DEPARTMENT OF TRANSPORTATION

PROJECT DELIVERY AND OPERATIONS DIVISION

ROADWAY DESIGN SECTION

ROUTE

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

STATE

ARIZ.

PROJECT NO.

000 CN SED

FEDERAL ID NO.

SED-0(203)T

SHEET NO.

27

TOTAL SHEETS

55

RECORD DRAWING

LOCATION

BREWER ROAD SHARED-USE PATH

TRACS NO.

T0537 01C

DWG NO.

C-02.05

OF

REGISTERED PROFESSIONAL ENGINEER

58901

BRIAN RONALD JONES

One Signed 10/26

ARIZONA, U.S.A.

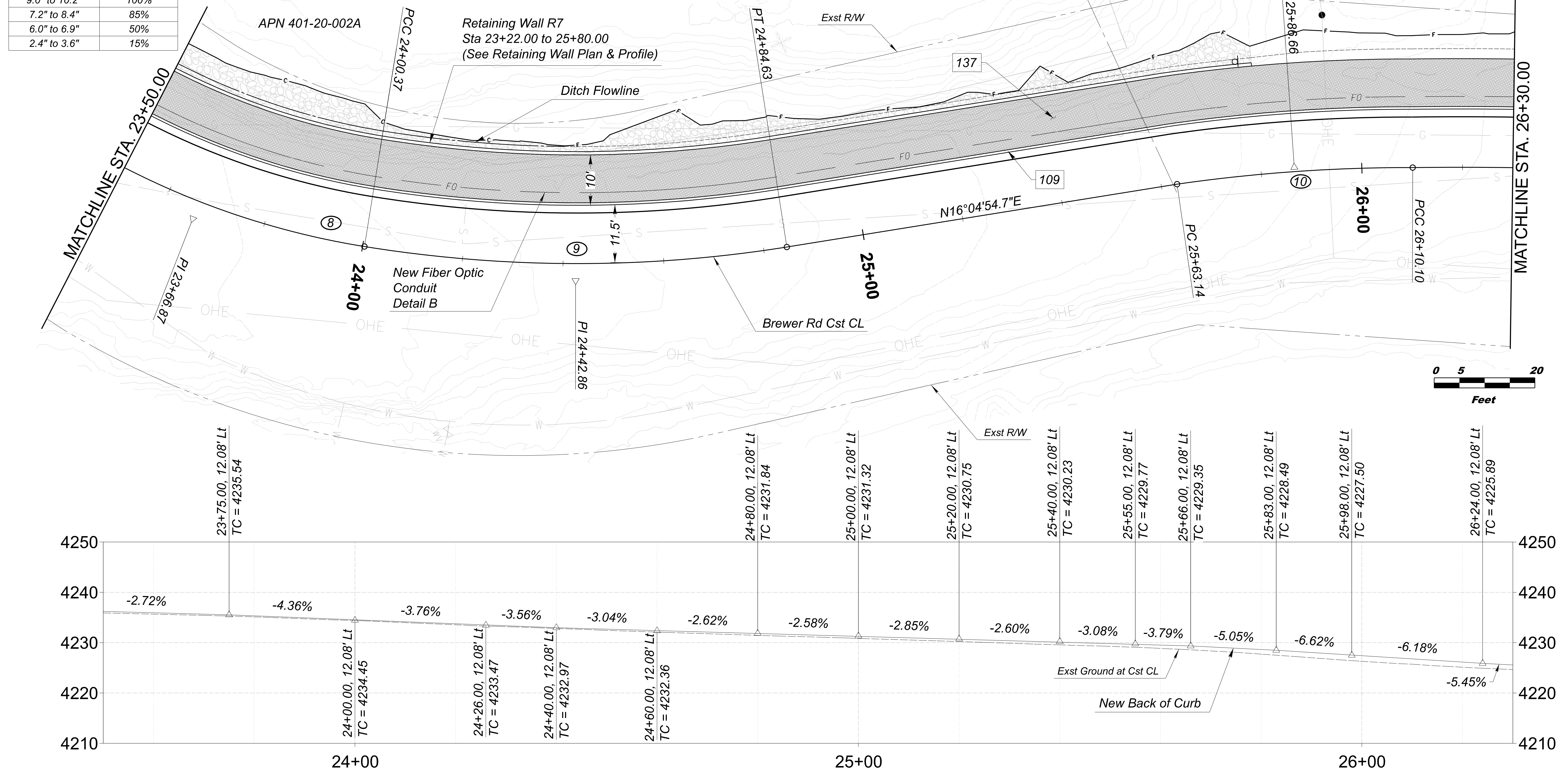
Brian Ronald Jones

consor

CURVE DATA TABLE							
CURVE ID	PI	Δ	D	T	L	R	EXT.
8	N 1404812.88 E 744971.63	24°21'54.7" LT	35°48'35.5"	34.54'	68.04'	160.00'	3.60'
9	N 1404876.43 E 745015.16	18°13'00.7" LT	21°37'15.8"	42.49'	84.26'	265.00'	3.34'
10	N 1405015.16 E 745055.65	8°20'57.0" RT	17°46'44.3"	23.52'	46.96'	322.27'	0.86'

RIPRAP GRADATION D ₅₀ = 6"	
Stone Size Range	% Passing
9.0" to 10.2"	100%
7.2" to 8.4"	85%
6.0" to 6.9"	50%
2.4" to 3.6"	15%

- LEGEND:**
- New Concrete
 - New Stabilized Granite
 - New Concrete Driveway
 - New Pavers
 - New Riprap
 - New Asphalt Pavement



	NAME	DATE
DESIGN	C ESTUS	06-2026
DRAWN	C ESTUS	06-2026
CHECKED	B JONES	06-2026

consor

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

PLAN AND PROFILE

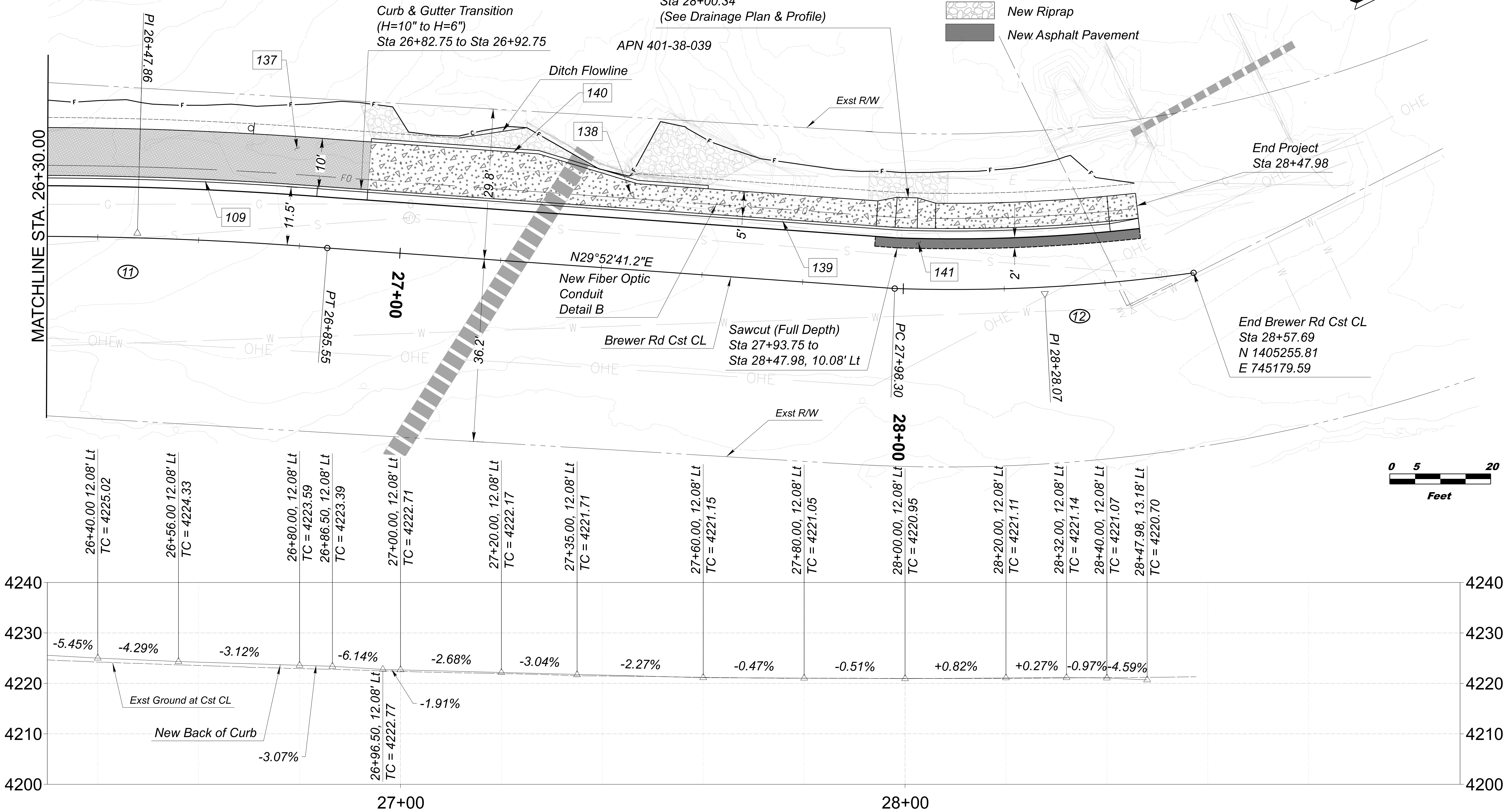
ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
MILEPOST	ARIZ.	000 CN SED	SED-0(203)T	28	55		
STRUCTURE NO.	BREWER ROAD SHARED-USE PATH						DWG NO. C-02.06
	TRACS NO. T0537 01C						OF

CURVE DATA TABLE							
CURVE ID	PI	Δ	D	T	L	R	EXT.
11	N 1405070.76 E 745081.42	05°43'52.6" RT	07°35'45.5"	37.76'	75.45'	754.29'	0.94'
12	N 1405227.48 E 745170.46	09°51'22.6" LT	16°35'45.0"	29.77'	59.39'	345.24'	1.28'

RIPRAP GRADATION D ₅₀ = 6"	
Stone Size Range	% Passing
9.0" to 10.2"	100%
7.2" to 8.4"	85%
6.0" to 6.9"	50%
2.4" to 3.6"	15%

New 5' Concrete Scupper with Handrail
Sta 28+00.34
(See Drainage Plan & Profile)

- LEGEND:**
- New Concrete
 - New Stabilized Granite
 - New Concrete Driveway
 - New Pavers
 - New Riprap
 - New Asphalt Pavement

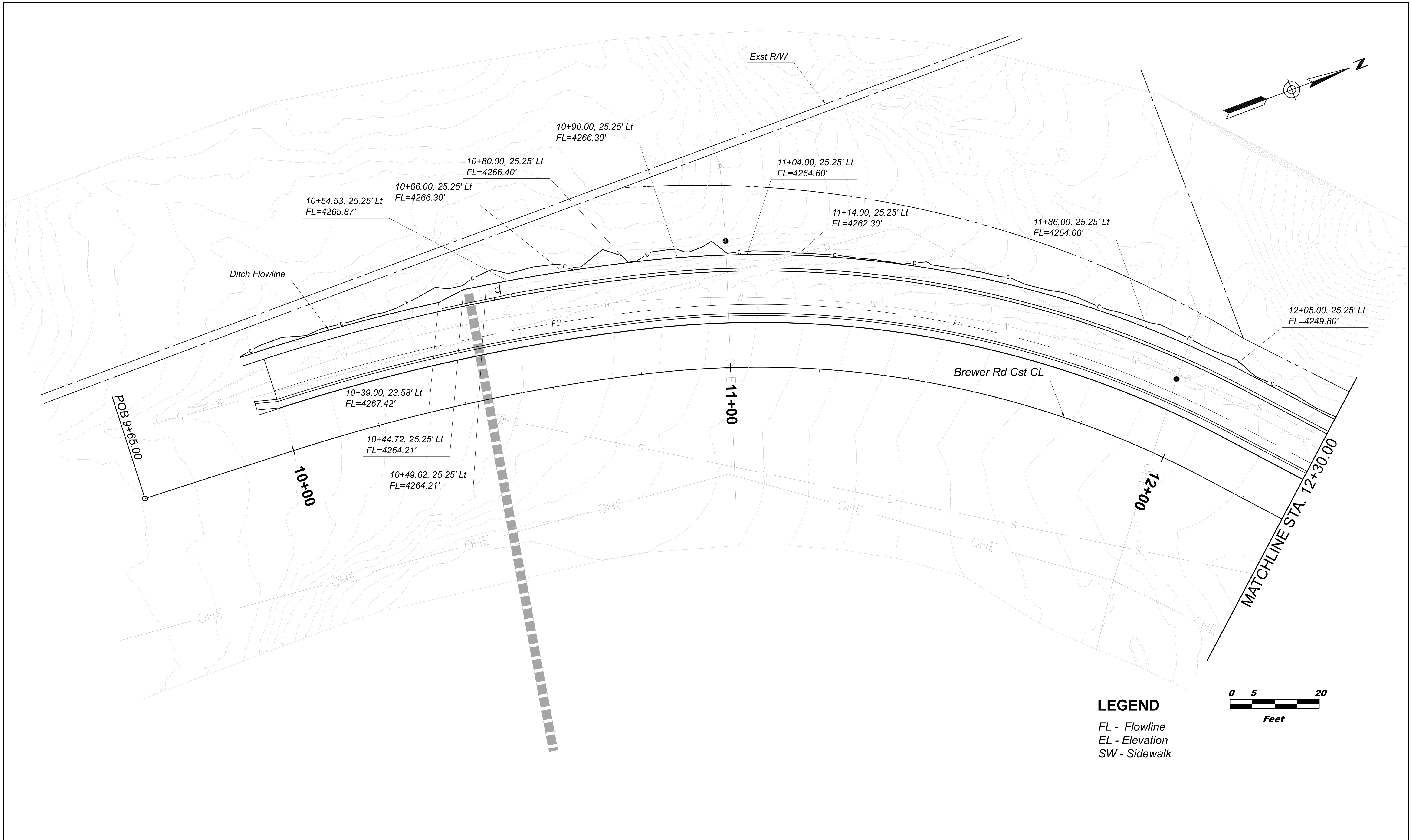


	NAME	DATE
DESIGN	C ESTUS	06-2026
DRAWN	C ESTUS	06-2026
CHECKED	B JONES	06-2026

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

PLAN AND PROFILE

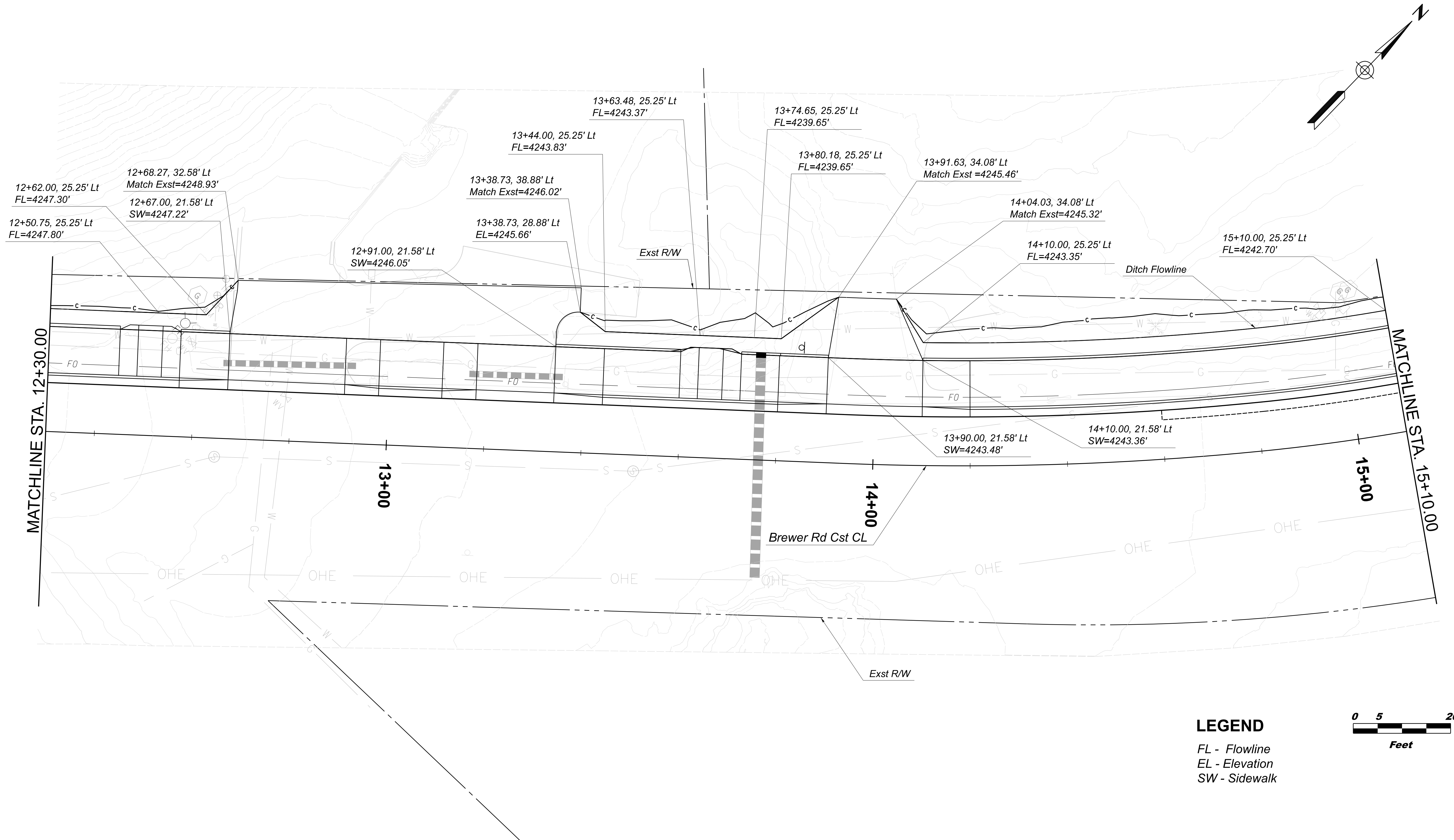
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LOCATION	BREWER ROAD SHARED-USE PATH					DWG NO. C-02.07
STRUCTURE NO.	TRACS NO. T0537 01C					OF



LEGEND

FL - Flowline
EL - Elevation
SW - Sidewalk

		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	C ESTUS	06-2026		-----			000 CN SED	SED-0(203)T	30	55	
	DRAWN	C ESTUS	06-2026									
	CHECKED	B JONES	06-2026									
		STAKING PLAN			MILEPOST	LOCATION BREWER ROAD SHARED-USE PATH DWG NO. G-03.01						
					STRUCTURE NO.	TRACS NO. T0537 01C OF						



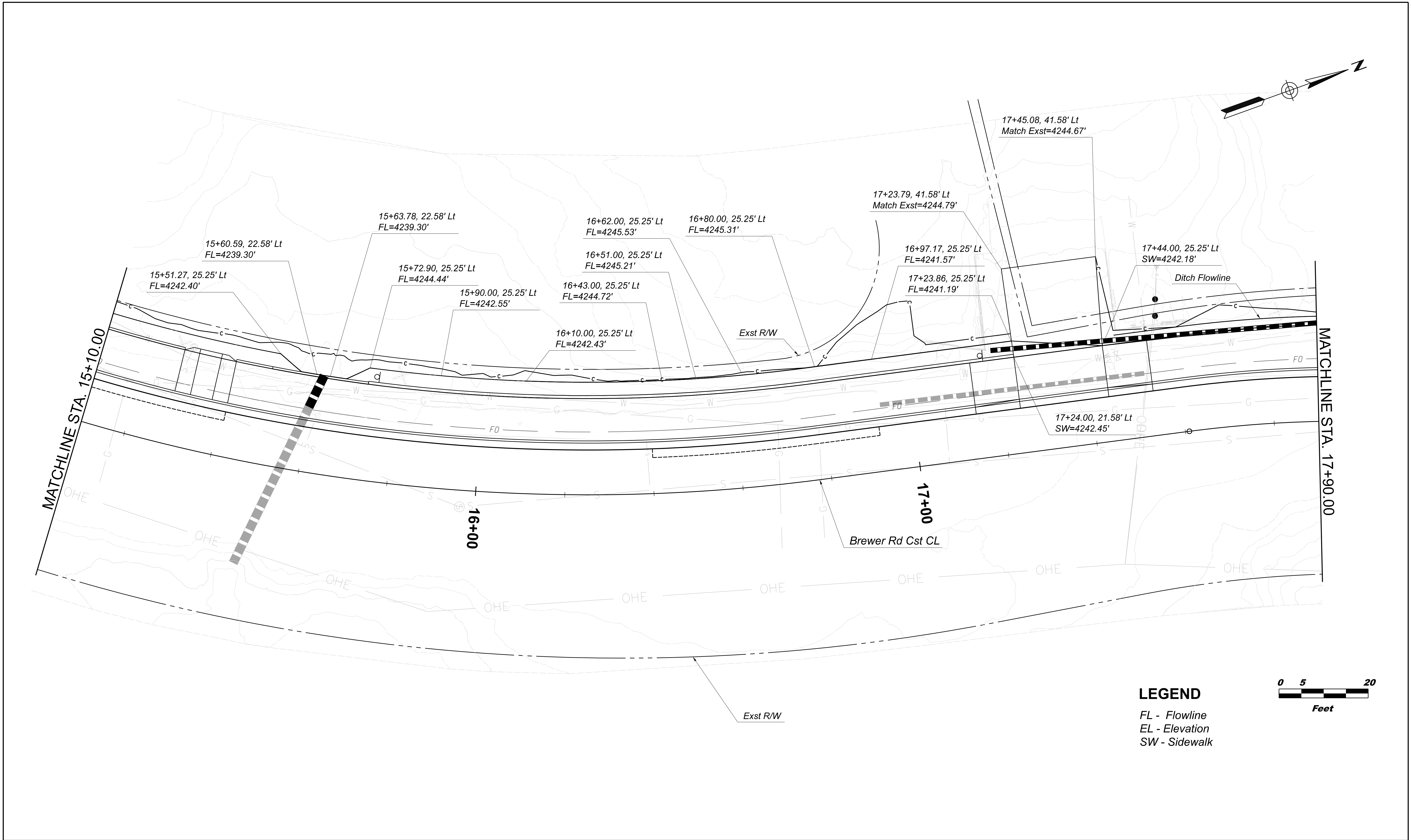
	NAME	DATE
DESIGN	C ESTUS	06-2026
DRAWN	C ESTUS	06-2026
CHECKED	B JONES	06-2026

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

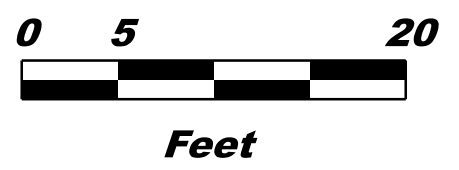
STAKING PLAN

ROUTE	-----
MILEPOST	-----
STRUCTURE NO.	-----

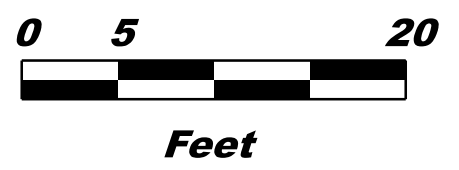
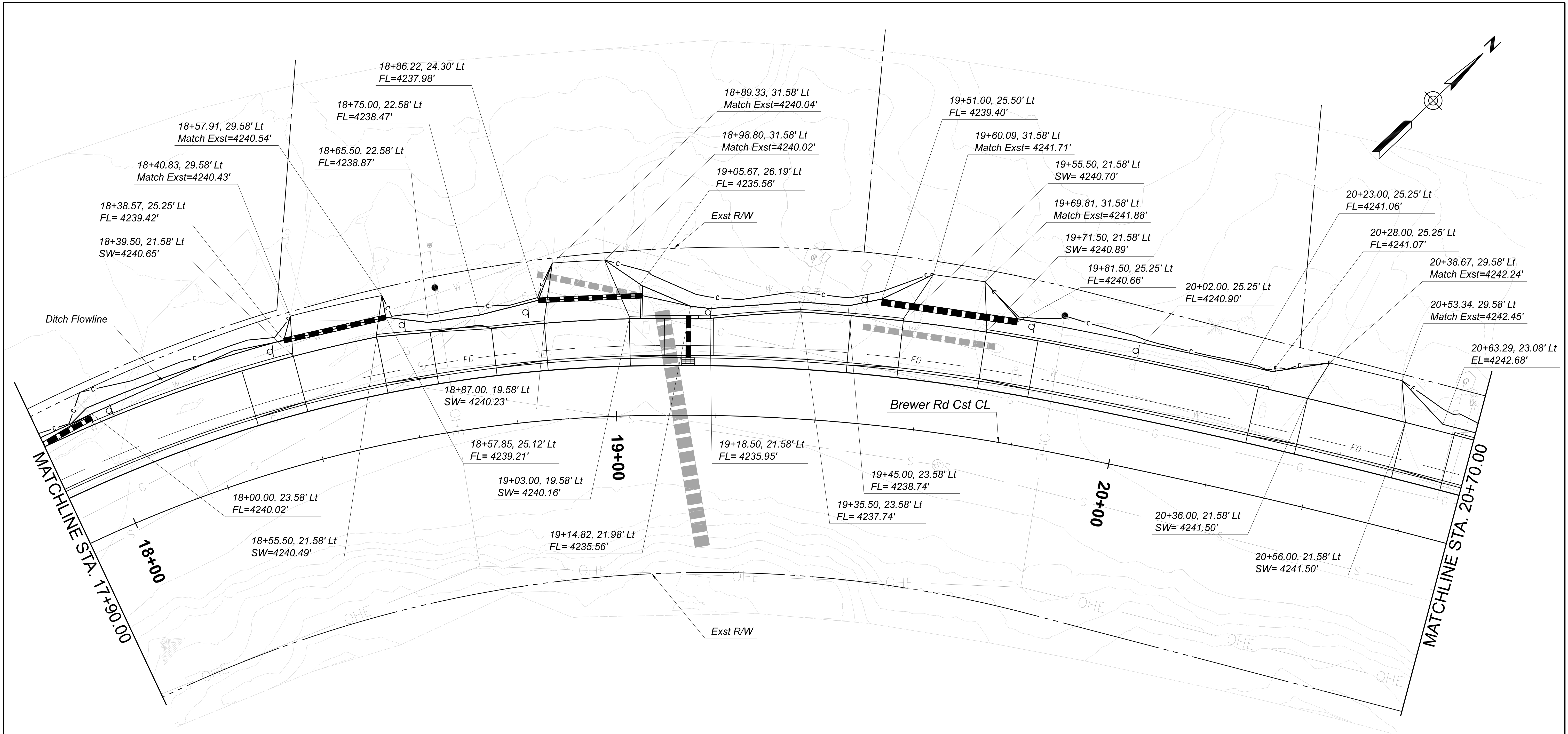
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	000 CN SED	SED-0(203)T	31	55	
LOCATION BREWER ROAD SHARED-USE PATH						DWG NO. G-03.02
TRACS NO. T0537 01C						OF



LEGEND
FL - Flowline
EL - Elevation
SW - Sidewalk



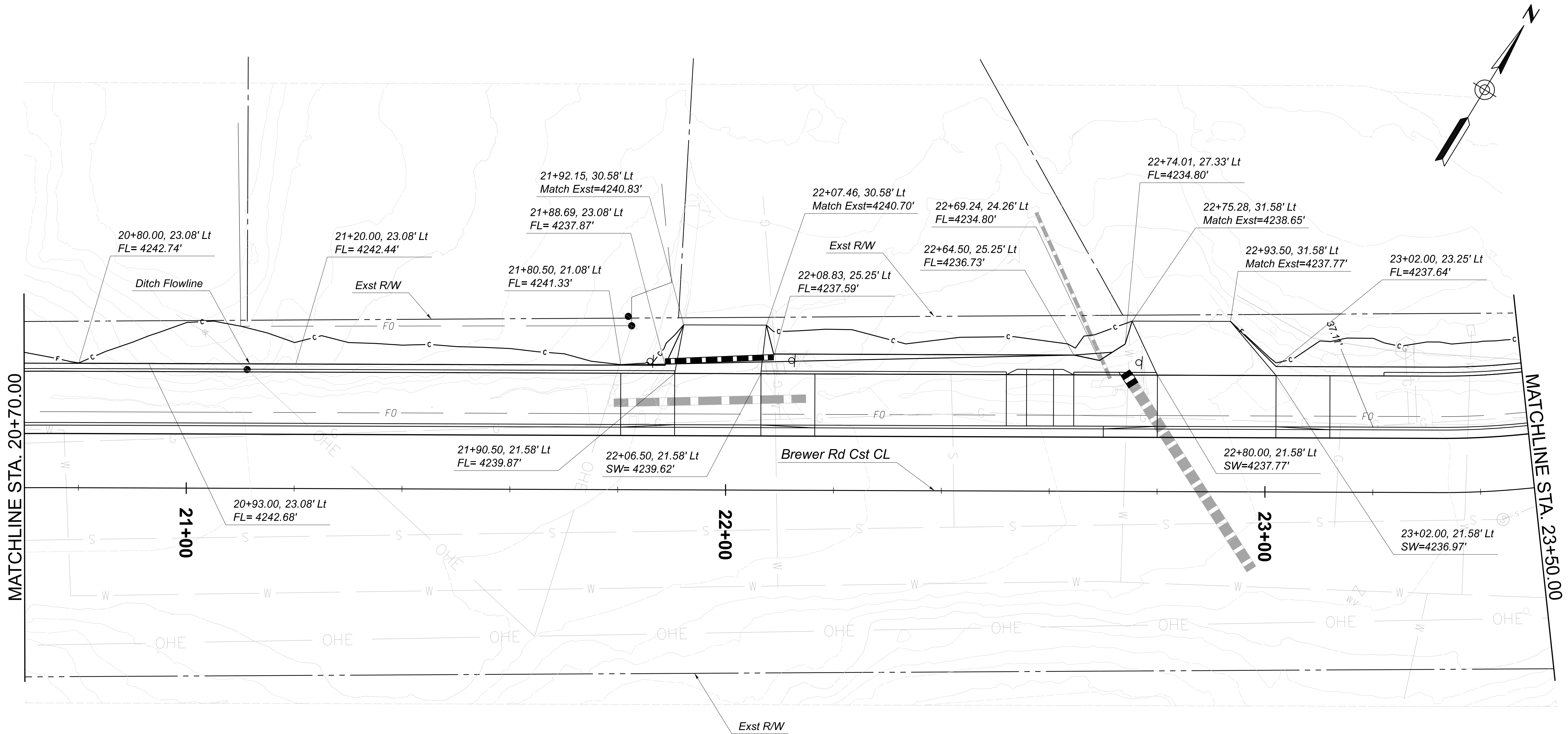
 <i>Brian Rondal Jones</i>	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION		ROUTE	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	C ESTUS	06-2026			MILEPOST			000 CN SED	SED-0(203)T	32	55	
	DRAWN	C ESTUS	06-2026			STRUCTURE NO.	LOCATION BREWER ROAD SHARED-USE PATH						
	CHECKED	B JONES	06-2026	STAKING PLAN		TRACS NO. T0537 01C			OF				



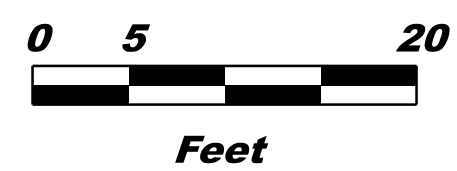
LEGEND

FL - Flowline
EL - Elevation
SW - Sidewalk

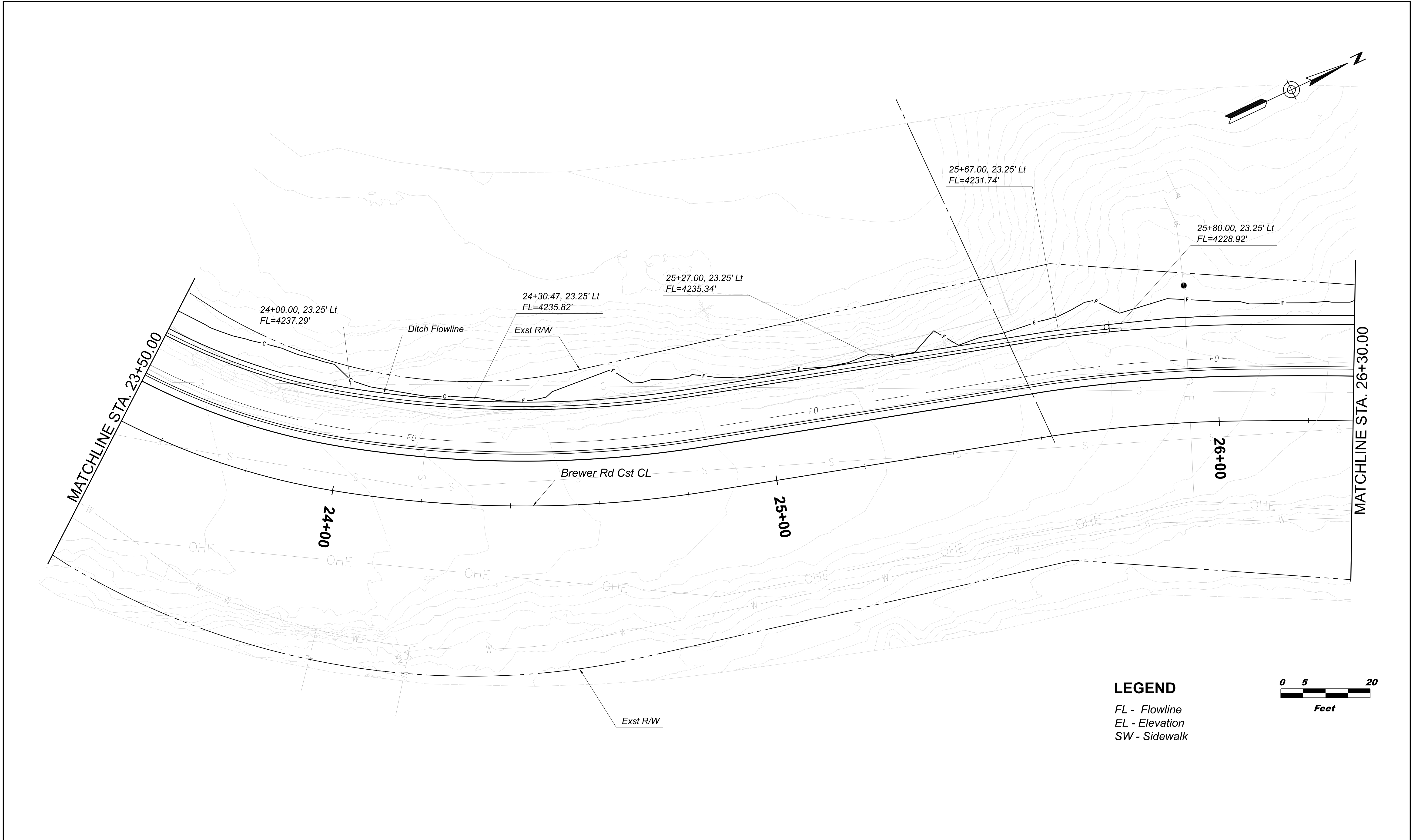
 <i>Brian Rondal Jones</i>		NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	C ESTUS	06-2026		-----			000 CN SED	SED-0(203)T	33	55	-----
	DRAWN	C ESTUS	06-2026			MILEPOST	BREWER ROAD SHARED-USE PATH					
	CHECKED	B JONES	06-2026	-----		DWG NO. G-03.04						
	STAKING PLAN				STRUCTURE NO.	TRACS NO. T0537 01C		OF				



LEGEND
FL - Flowline
EL - Elevation
SW - Sidewalk

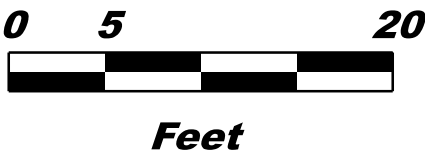


 <i>Brian Rondal Jones</i>	<table><tr><td></td><td>NAME</td><td>DATE</td></tr><tr><td>DESIGN</td><td>C ESTUS</td><td>06-2026</td></tr><tr><td>DRAWN</td><td>C ESTUS</td><td>06-2026</td></tr><tr><td>CHECKED</td><td>B JONES</td><td>06-2026</td></tr></table>			NAME	DATE	DESIGN	C ESTUS	06-2026	DRAWN	C ESTUS	06-2026	CHECKED	B JONES	06-2026	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION		ROUTE -----	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 000 CN SED	FEDERAL ID NO. SED-0(203)T	SHEET NO. 34	TOTAL SHEETS 55	RECORD DRAWING
		NAME	DATE																					
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	DRAWN	C ESTUS	06-2026																					
	CHECKED	B JONES	06-2026																					
		STAKING PLAN	MILEPOST -----	LOCATION BREWER ROAD SHARED-USE PATH						DWG NO. G-03.05														
			STRUCTURE NO. -----	TRACS NO. T0537 01C						OF														

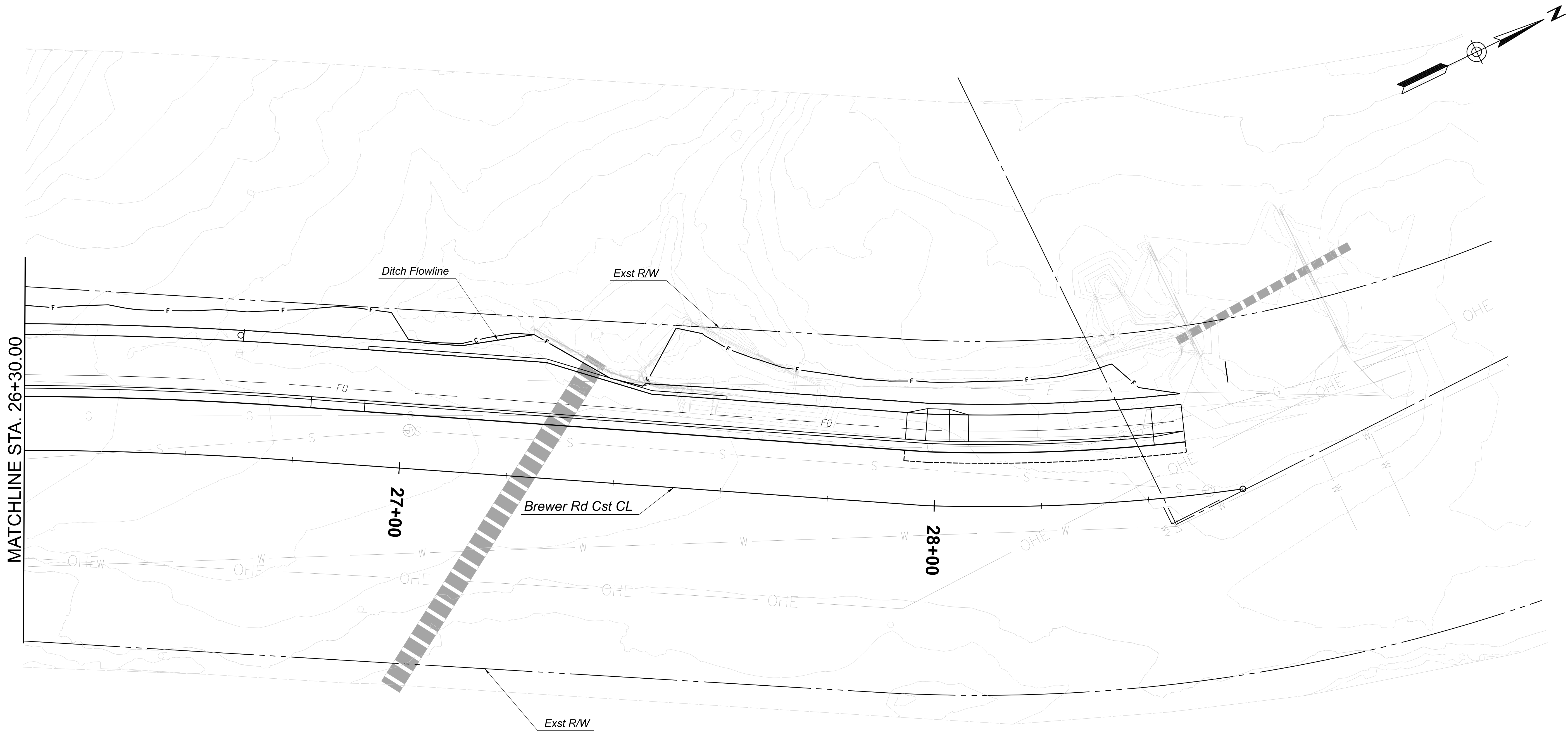


LEGEND

FL - Flowline
EL - Elevation
SW - Sidewalk

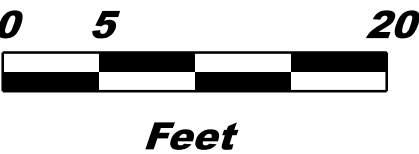


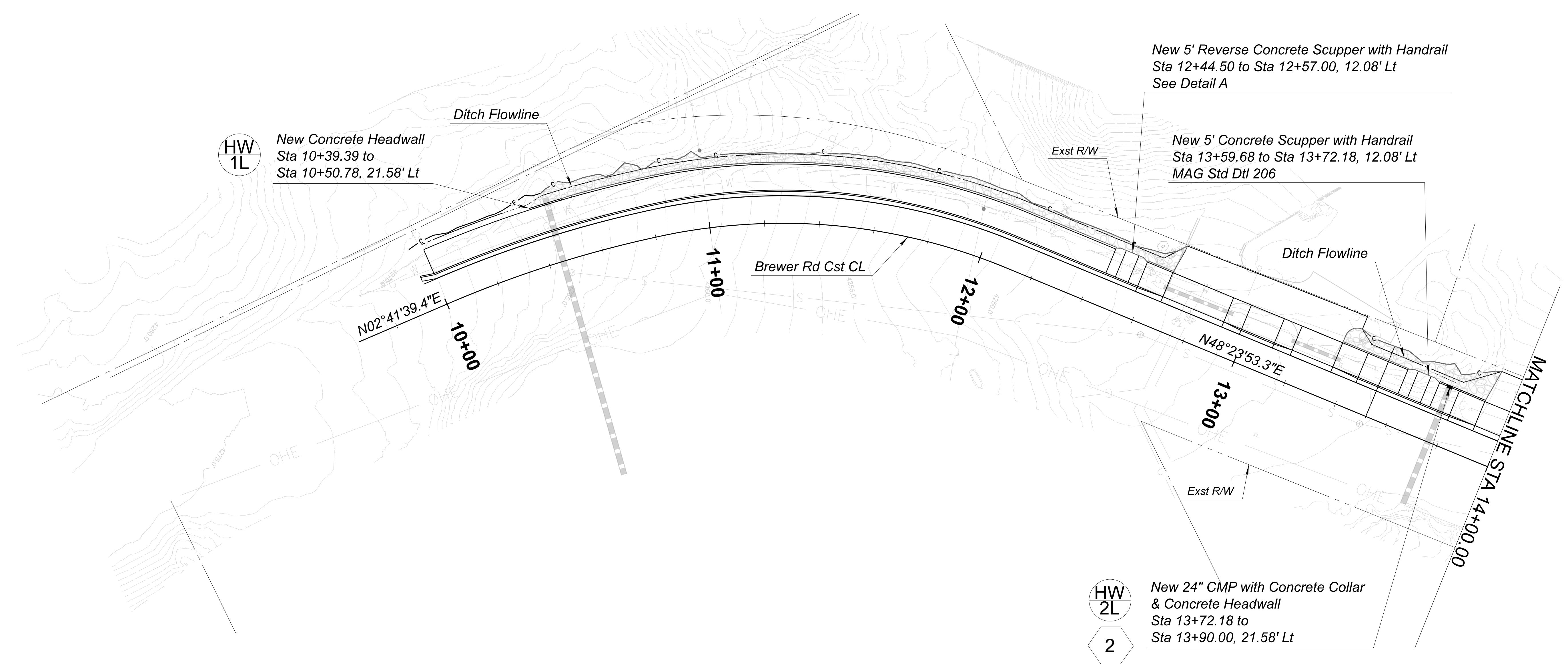
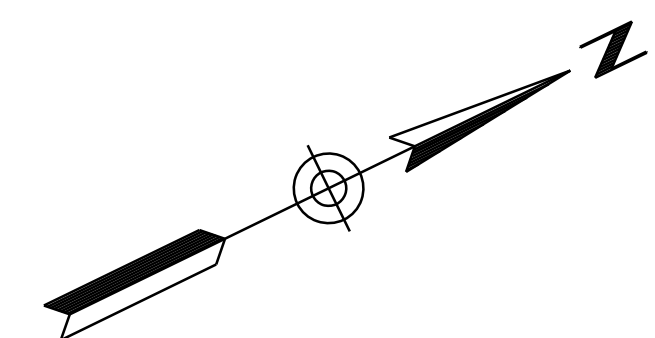
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					STRUCTURE NO.	TRACS NO. T0537 01C OF						



LEGEND

FL - Flowline
EL - Elevation
SW - Sidewalk





GENERAL NOTE:

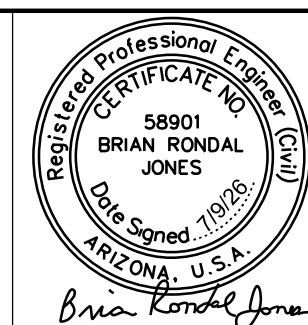
Hydrologic and hydraulic analysis, ditch alignments and locations, and storm drain pipe sizing were prepared and provided by the City of Sedona. All design flows, profile information, and pipe capacities shown herein are based on City-furnished data and have been incorporated into the contract documents as provided.



Feet

LEGEND:

 New Riprap

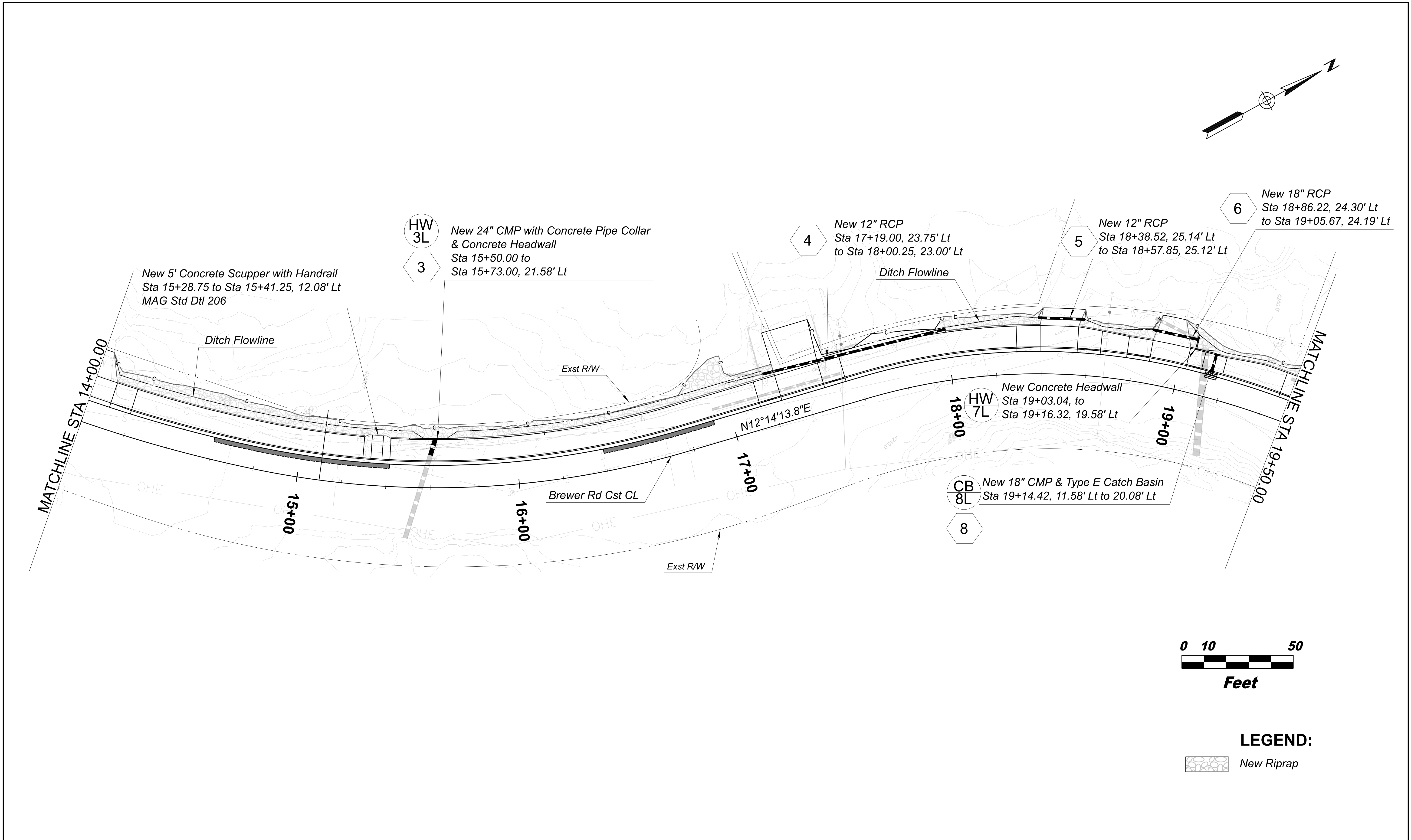


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CHECKED	B JONES	06-2026

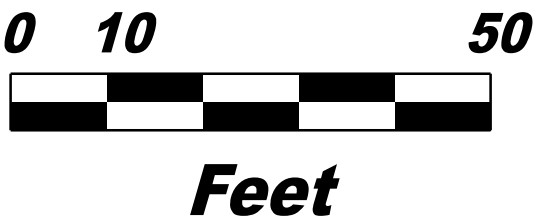
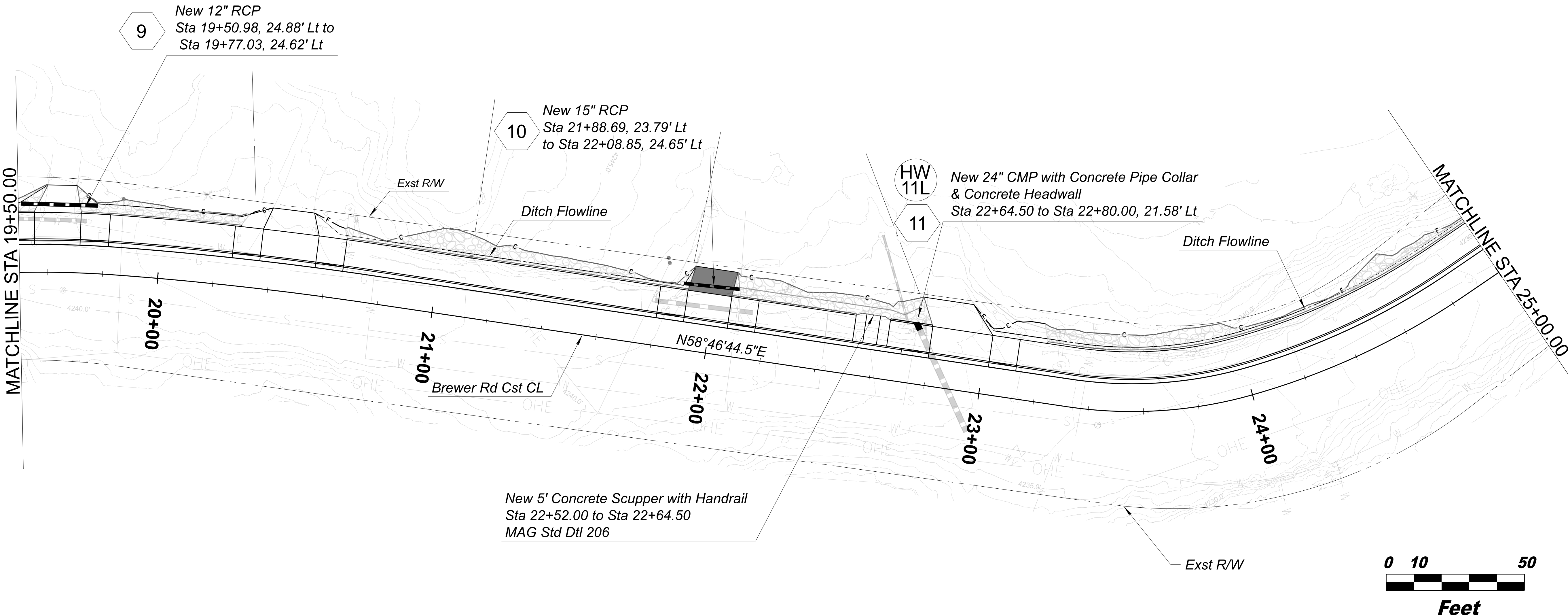
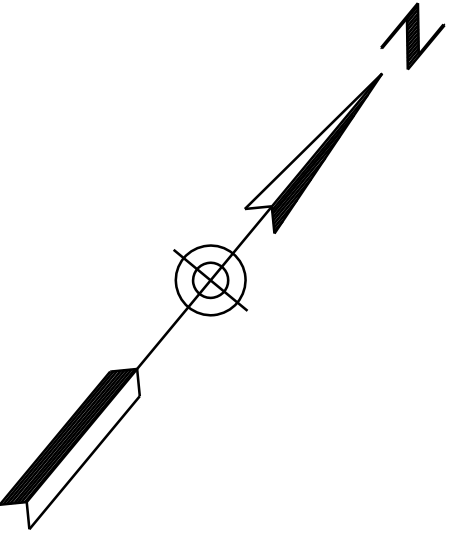
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

DRAINAGE PLAN

ROUTE -----	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 000 CN SED	FEDERAL ID NO. SED-0(203)T	SHEET NO. 37	TOTAL SHEETS 55	RECORD DRAWING
MILEPOST -----	LOCATION BREWER ROAD SHARED-USE PATH						DWG NO. D-01.01
STRUCTURE NO. -----	TRACS NO. T0537 01C						___ OF ___



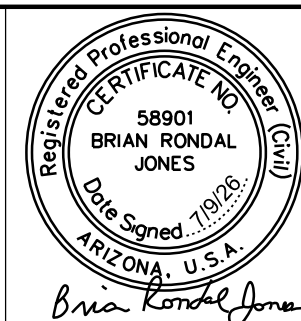
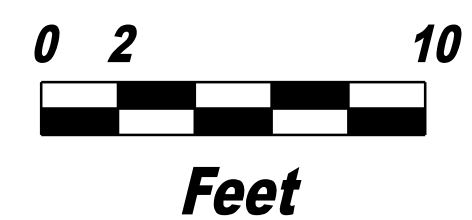
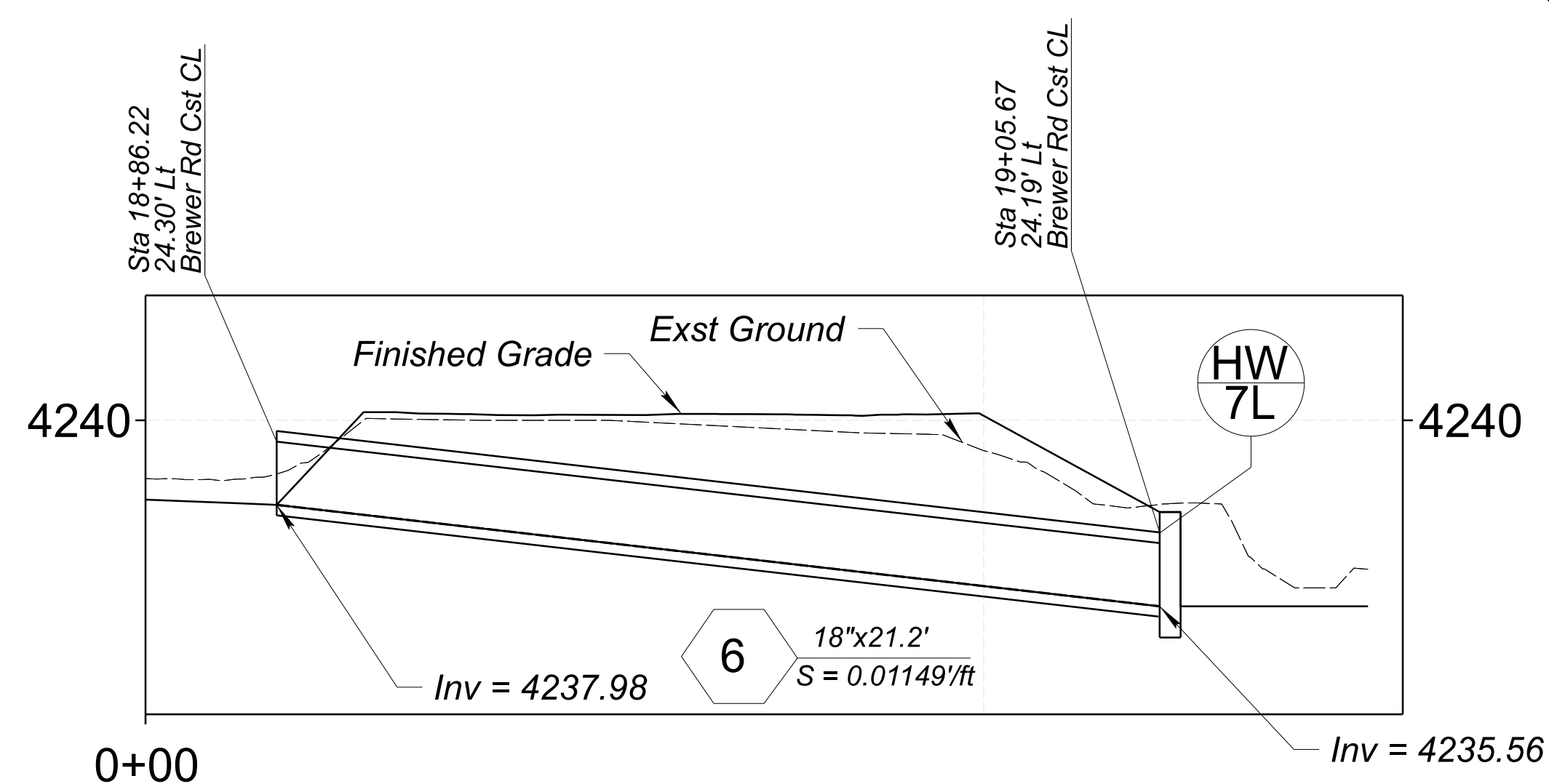
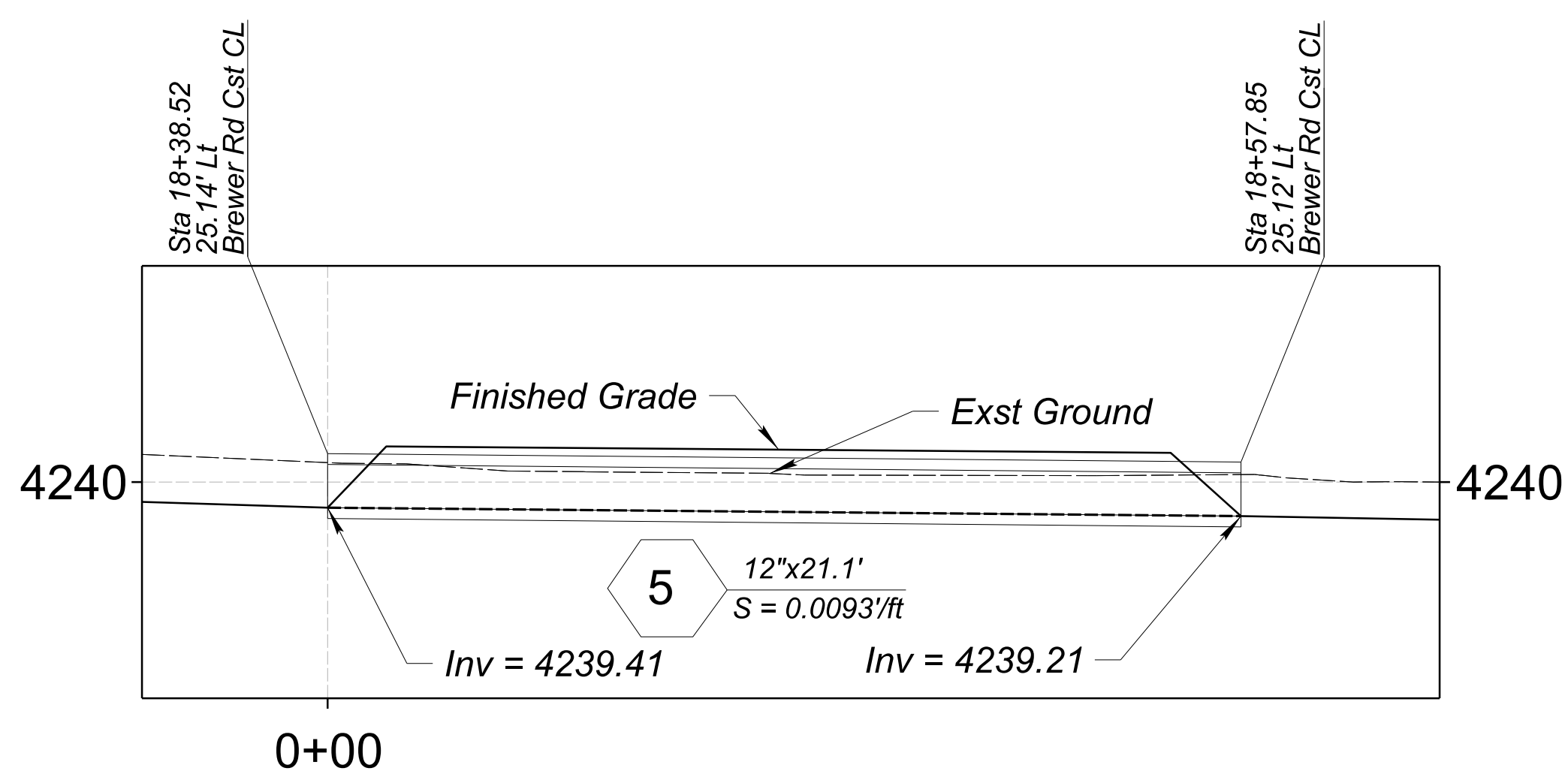
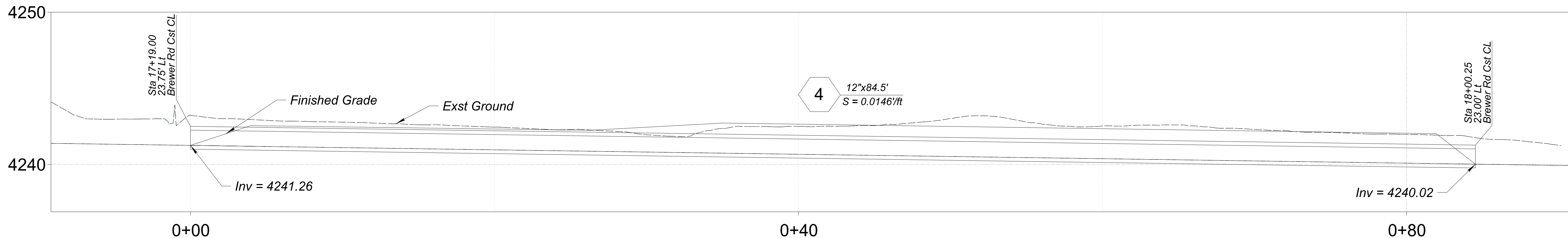
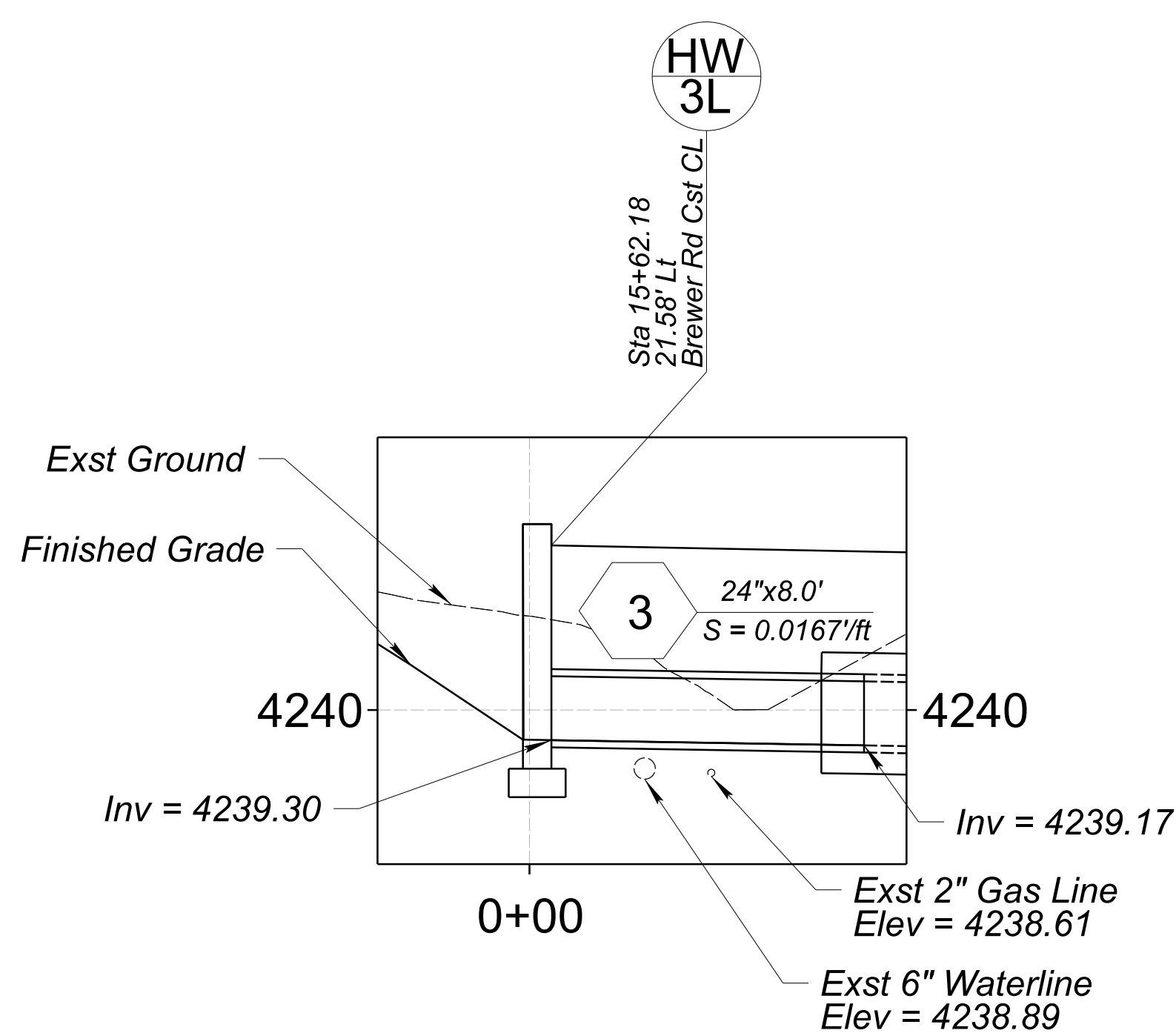
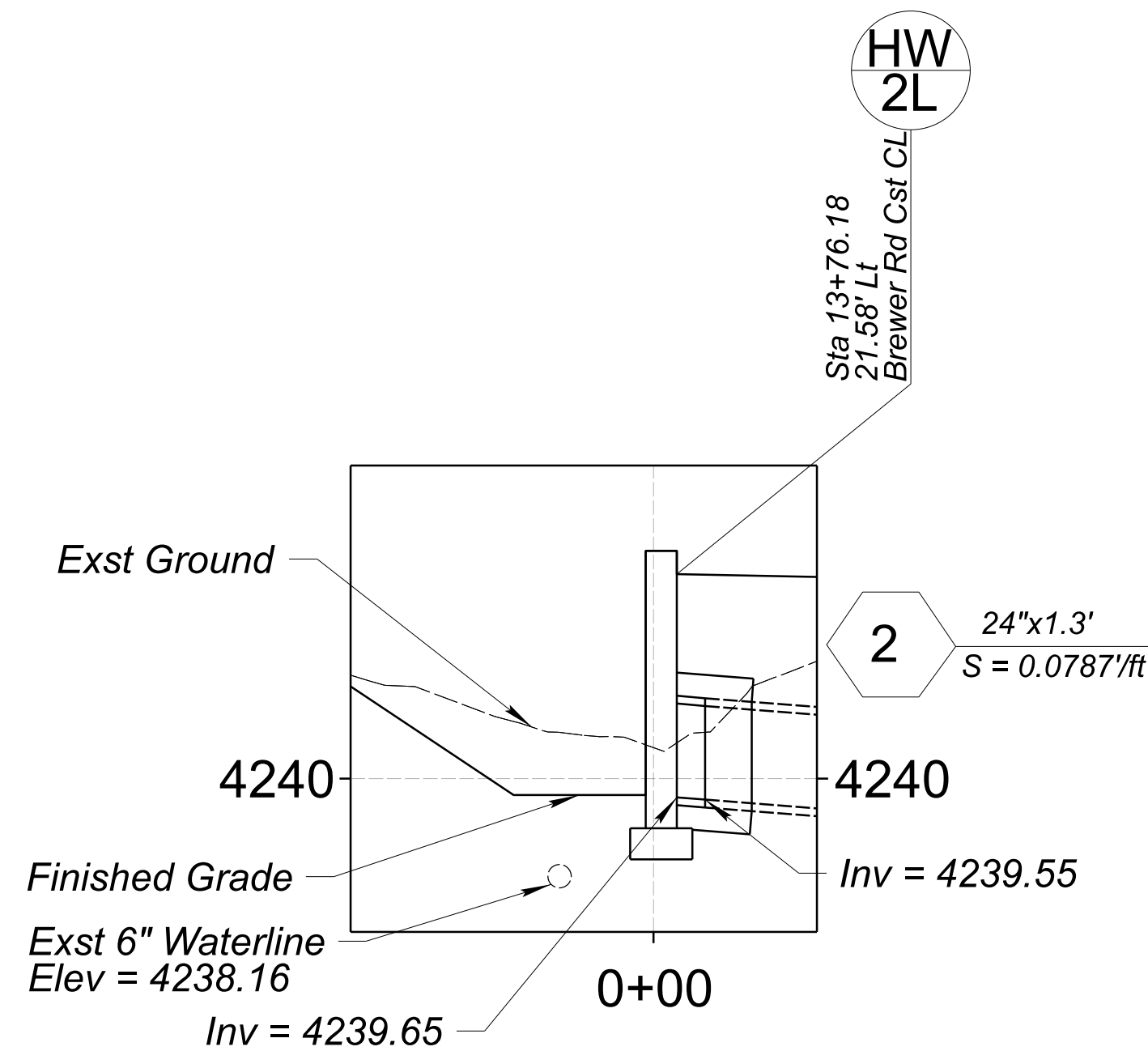
 <i>Brian Rondal Jones</i>	<table><tr><td></td><td>NAME</td><td>DATE</td></tr><tr><td>DESIGN</td><td>C ESTUS</td><td>06-2026</td></tr><tr><td>DRAWN</td><td>C ESTUS</td><td>06-2026</td></tr><tr><td>CHECKED</td><td>B JONES</td><td>06-2026</td></tr></table>		NAME	DATE	DESIGN	C ESTUS	06-2026	DRAWN	C ESTUS	06-2026	CHECKED	B JONES	06-2026	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE ----- 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>RECORD DRAWING</td></tr><tr><td>000 CN SED</td><td>SED-0(203)T</td><td>38</td><td>55</td><td>-----</td></tr></table>	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	000 CN SED	SED-0(203)T	38	55	-----
		NAME	DATE																									
	DESIGN	C ESTUS	06-2026																									
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F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING																						
		000 CN SED	SED-0(203)T	38	55	-----																						
				LOCATION BREWER ROAD SHARED-USE PATH																								
				DWG NO. D-01.02																								
				TRACS NO. T0537 01C																								
				OF																								



LEGEND:

 New Riprap

	<table><tr><th></th><th>NAME</th><th>DATE</th></tr><tr><td>DESIGN</td><td>C ESTUS</td><td>06-2026</td></tr><tr><td>DRAWN</td><td>C ESTUS</td><td>06-2026</td></tr><tr><td>CHECKED</td><td>B JONES</td><td>06-2026</td></tr></table> 		NAME	DATE	DESIGN	C ESTUS	06-2026	DRAWN	C ESTUS	06-2026	CHECKED	B JONES	06-2026	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE -----	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 000 CN SED	FEDERAL ID NO. SED-0(203)T	SHEET NO. 39	TOTAL SHEETS 55	RECORD DRAWING
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		DESIGN	C ESTUS	06-2026																		
		DRAWN	C ESTUS	06-2026																		
CHECKED	B JONES	06-2026																				
MILEPOST -----	LOCATION BREWER ROAD SHARED-USE PATH						DWG NO. D-01.03															
STRUCTURE NO. -----	TRACS NO. T0537 01C						___ OF ___															
DRAINAGE PLAN																						

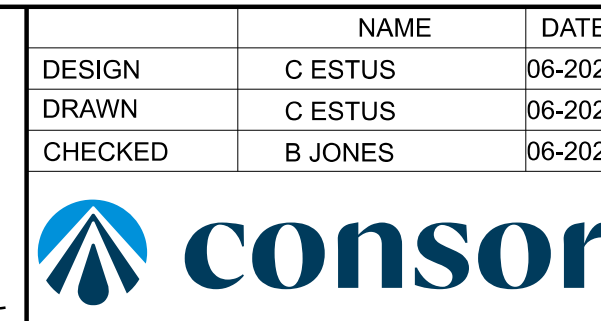
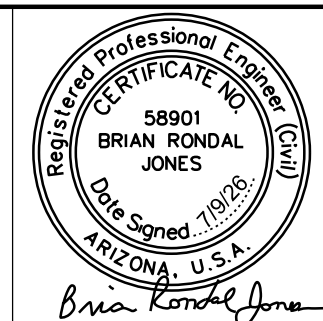
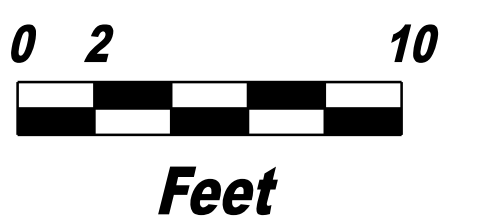
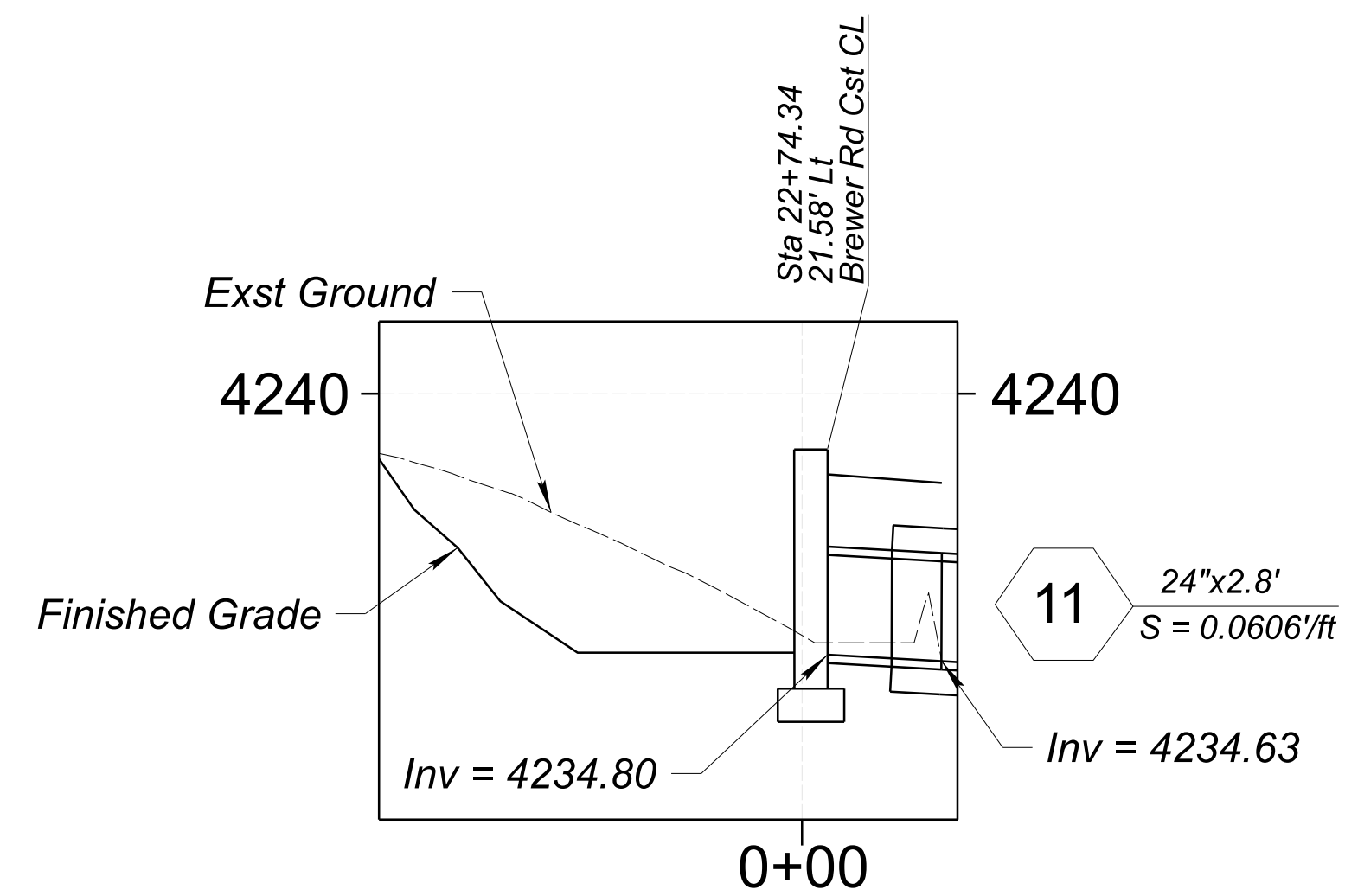
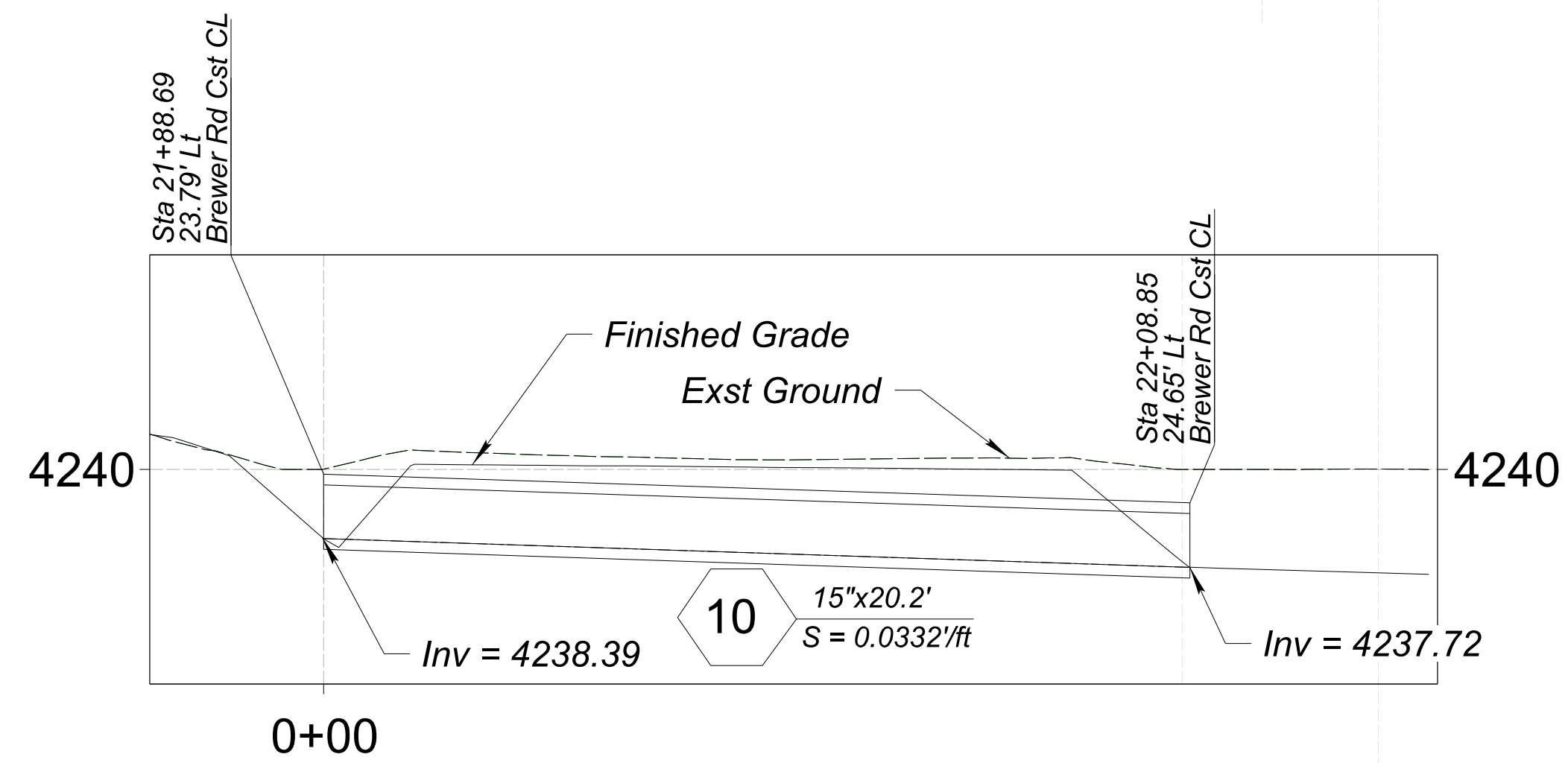
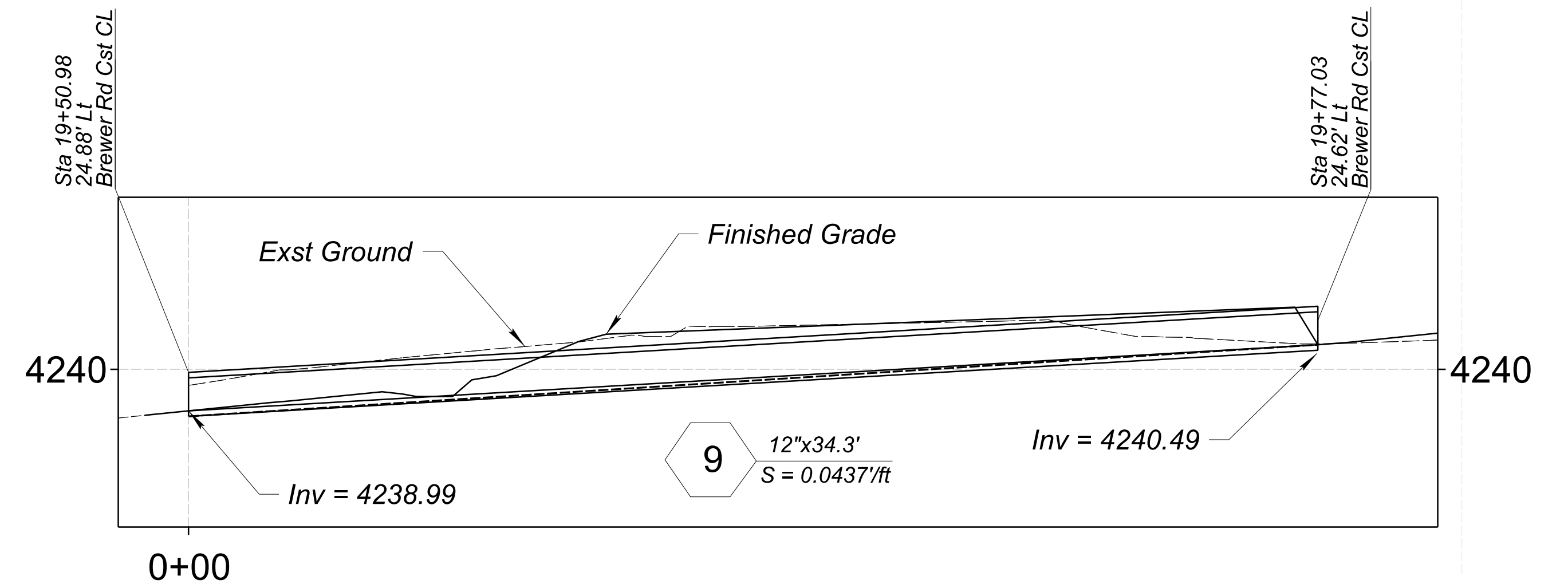
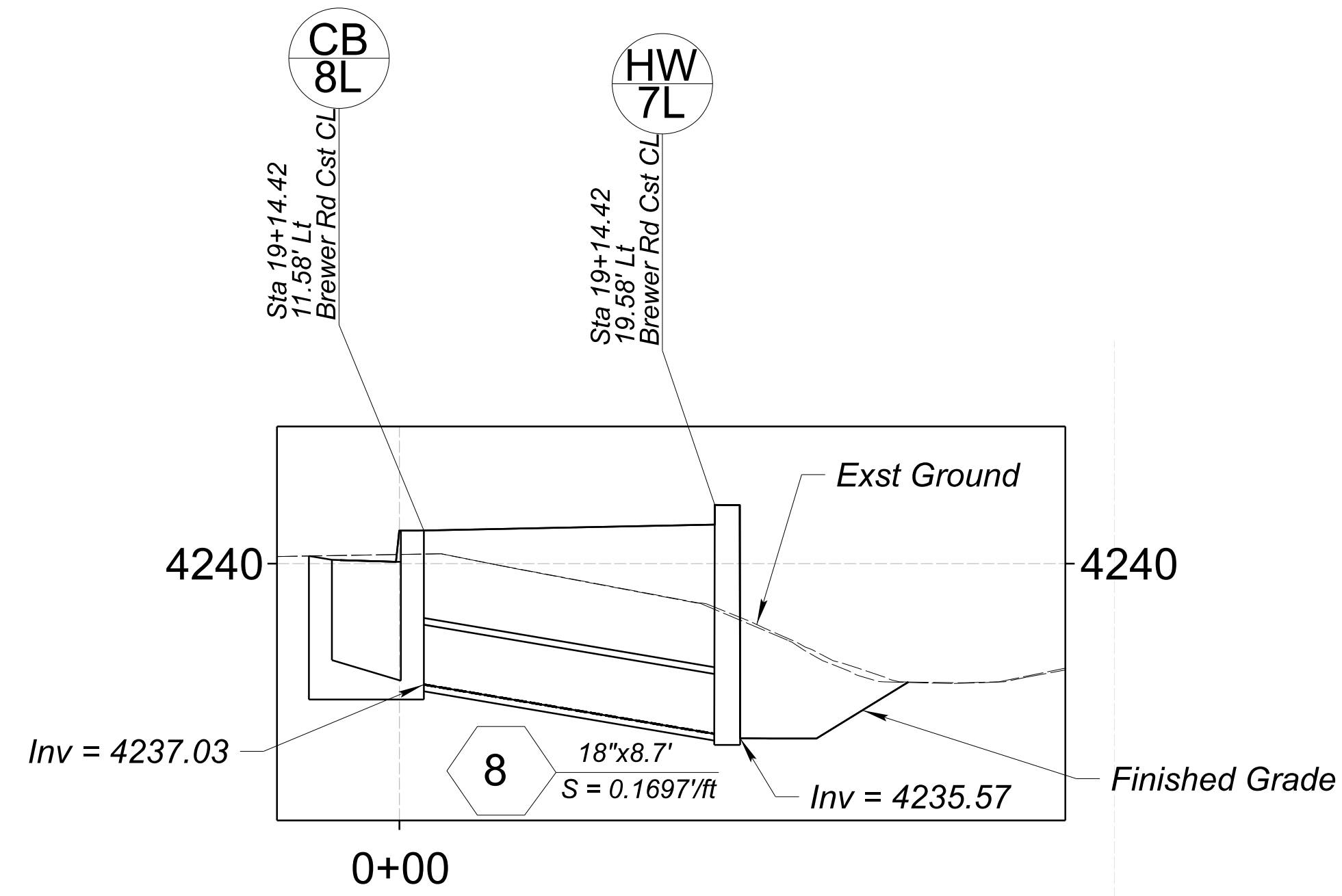


	NAME	DATE
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DRAWN	C ESTUS	06-2026
CHECKED	B JONES	06-2026

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

DRAINAGE PROFILES

ROUTE -----	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 000 CN SED	FEDERAL ID NO. SED-0(203)T	SHEET NO. 41	TOTAL SHEETS 55	RECORD DRAWING
MILEPOST -----	LOCATION BREWER ROAD SHARED-USE PATH					DWG NO. D-01.05	
STRUCTURE NO. -----	TRACS NO. T0537 01C					OF	



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

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
-----	ARIZ.	000 CN SED	SED-0(203)T	42	55	-----
LOCATION	LOCATION	LOCATION	LOCATION	LOCATION	LOCATION	LOCATION
-----	BREWER ROAD SHARED-USE PATH	BREWER ROAD SHARED-USE PATH	BREWER ROAD SHARED-USE PATH	BREWER ROAD SHARED-USE PATH	BREWER ROAD SHARED-USE PATH	BREWER ROAD SHARED-USE PATH
STRUCTURE NO.	TRACS NO.	TRACS NO.	TRACS NO.	TRACS NO.	TRACS NO.	TRACS NO.
-----	T0537 01C	T0537 01C	T0537 01C	T0537 01C	T0537 01C	T0537 01C

Traffic Control General Notes:

SIGNS

1. All existing 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 no additional cost to the Department.
2. The retroreflective sheeting on all construction signs shall meet criteria established in Section 1007 of ADOT Standard Specifications and in Section 380 of the ADOT Traffic Guidelines and Processes.
3. Signs installed on spring stands shall be mounted at the height recommended by the spring stand manufacturer.
4. The nearest edge or corner of a sign shall be near the edge of pavement due to space constraints. The minimum sign mounting height from the bottom of each sign to the near edge of the pavement shall be 5 feet for signs mounted on portable sign stands unless the manufacturer of the portable sign stands certify a mounting height less than 5 feet for those devices will meet the requirements for NCHRP 350 or MASH (AASHTO Manual for Assessing Hardware).
5. Flags shall be mounted on top of all construction signs except the "END ROAD WORK THANK YOU" sign.
6. Type A flashing warning lights shall be required on all nighttime construction signs except the "END ROAD WORK THANK YOU" sign.
7. Type C steady-burning yellow lights shall be mounted on every barricade.
8. Channelizing devices shall be placed 20 feet on center in tapers, 40 feet on center in tangents, and 20 feet on center in downstream tapers, except as otherwise noted on plans.
9. All construction signs shall have black letters on an orange background, except as otherwise noted. All warning signs used for this project shall be 36 inches by 36 inches.
10. Speed limit signing is preliminary and is subject to review and change by the Engineer as dictated by field conditions.
11. Where no closure is necessary but where there is construction alongside a roadway under construction, the contractor shall place a 48 x 48 inch "ROAD WORK AHEAD" and "SHOULDER WORK AHEAD" sign as directed by the Engineer to alert the public to the construction activities.

DEVICES

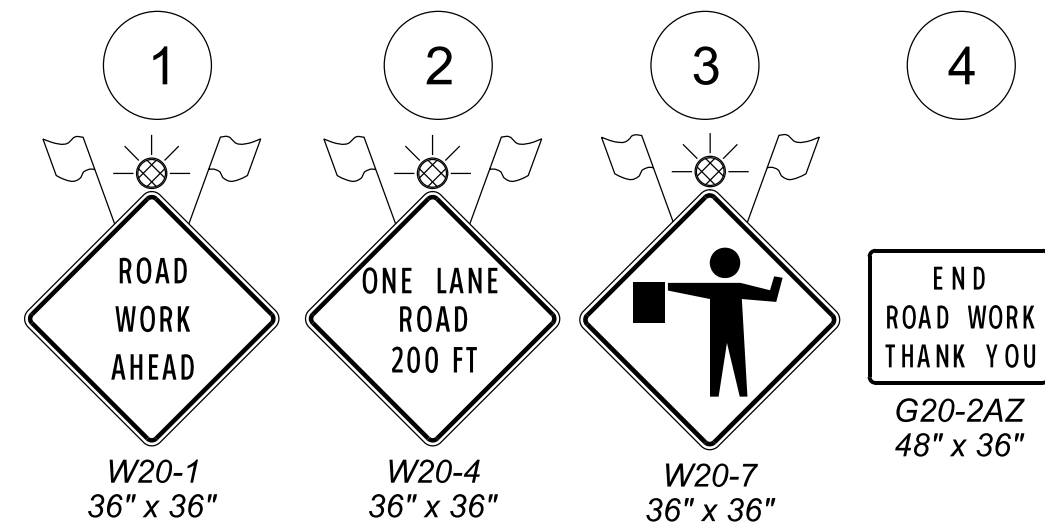
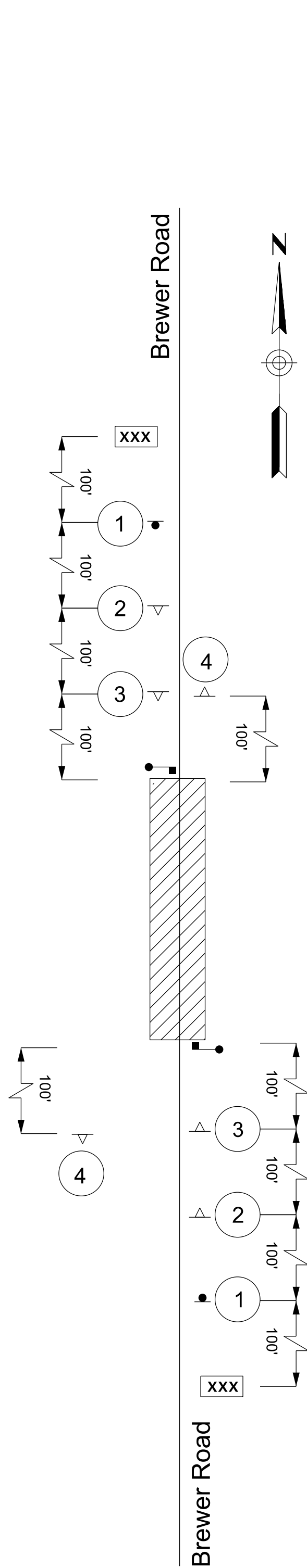
12. The contractor may substitute Type I barricade for Type II barricade as long as the reflective area on the top panel of each Type I barricade is equivalent or greater than the reflective area of a Type II barricade.
13. While traffic control items are not in use, the contractor shall lay down the items near the edge of the paved roadway. Any signs which are not in use shall be covered so the public cannot read the legends. The contractor shall not store traffic control devices on private property without the written permission of the owner(s). This includes sign supports without sign panels.

PLANS

14. The traffic control plans represent a suggested method for traffic control during construction. The contractor shall 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.
15. Adjustments to the details of these traffic control plans and requirements may be necessary due to construction activities or as directed by the Engineer.

GENERAL

16. The contractor shall provide local uniformed police officers as directed by the Engineer.



Symbol Legend:

●	Sign On Embedded Post(s)
▷	Sign On Spring Stand
●-■	Flagger
XXX	Changeable Message Board
▨	Work Area

Approximate Traffic Control Quantities									
Bid Item	Item	Duration (Calendar Days)	80 Calendar Days			55 Working Days			Total
			Activity No. 1			Activity No. 2			
			Advanced Warning Signs, Temp Signal			Addition of sidewalk, curb, gutter, extension of existing culverts, advanced signage			
Bid Item	Item	Units	Qty	Days	Total	Qty	Days	Total	Total
7016030	Barricade (type I, type II, vert.panel, tubular marker)	Each-Day	6	80	480	60	55	3300	3780
7016033	Portable sign stand (spring type)	Each-Day				4	55	220	220
7016035	Warning light (type A)	Each-Day	2	80	160	14	55	770	930
7016037	Warning light (type C)	Each-Day	4	80	320	60	55	3300	3620
7016039	Embedded sign post	Each-Day	2	80	160				160
7016050	Truck-mounted attenuator	Each-Day	1	1	1	1	55	55	55
7016051	Temporary sign (less than 10 S.F.)	Each-Day				6	55	330	330
7016052	Temporary sign (10 S.F. or more)	Each-Day				2	55	110	110
7016061	Flashing arrow panel	Each-Day				2	55	110	110
7016067	Changeable message board (contractor furnished)	Each-Day	2	80	160				160
7016075	Flagging Services (Civilian)	Hour				16	55	880	880
7016082	Flagging Services (Local Enforcement Officer)(With Agency Vehicle)	Hour				16	55	880	880

Construction Sequence Note:
Order of construction activities does not dictate construction sequencing. The contractor shall prepare construction sequencing during constnction.

Maintenance Of Traffic			
Activity No.	Construction Activity	Traffic Control	Comments
1	Mobilization/Advanced Warning Signs	Set up Advanced Warning Signs.	Place variable/changeable message sign boards seven (7) days in advance of the planned work. The advanced warning signs will remain for the duration of the project.
2	Provide work zone for the addition of the sidewalk, curb, gutter, drainage improvements, signing, and pavement marking.	Traffic control shall generally conform to Figure TA-6 and TA-10 in the 11th edition of the Manual on Uniform Traffic Control Devices (MUTCD).	The contractor shall phase construction to ensure at least one lane of travel in each direction during the duration of construction. Construction will be limited to weekday only under daylight conditions.

REGISTERED PROFESSIONAL ENGINEER
45640
DAVID B. KINNEAR
DATE SIGNED 07-26-24
ART 18-2010, R.S.A.

United Civil Group
2803 North 7th Avenue
Phoenix, Arizona 85007
(602) 265 - 6155

DESIGN

DBK

07-26

DRAWN

DBK

07-26

CHECKED

SAS

07-26

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

MAINTENANCE OF TRAFFIC

ROUTE

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

ARIZ.

LOCATION
BREWER ROAD SHARED-USE PATH

TRACS NO. T0537 01C

STATE

PROJECT NO.
000 CN SED

FEDERAL ID NO.
SED-0(203)T

SHEET NO.
44

TOTAL SHEETS
55

RECORD DRAWING

DWG NO. T-01.02

____ OF ____

\$USERS\$ 7/8/2026 \$TIMES\$ \$FILES\$

PAVEMENT MARKING NOTES:

1. All pavement marking shall be in compliance with the Manual on Uniform Traffic Control Devices (MUTCD) with the Arizona Supplement, and the ADOT Signing and Marking Standard Drawings, Traffic Engineering Guidelines and Processes, and Specifications.
2. It is the contractor's responsibility to develop a "Record Drawing" plan of existing striping and have the plan approved by the Engineer before any construction activities. Layout of traffic markings will be part of the work included in item 9250001-Construction Surveying and Layout.
3. The contractor shall be responsible for the layout and installation of permanent pavement markings on the final surface course following control points that have seen set no more than 50 feet apart on the alignment of the striping.
4. It is the contractor's responsibility to ensure that the final surface course is placed so that the the striping is offset one foot clear of any construction joint, unless otherwise directed by the Engineer.
5. At the completion of the final pavement surface each day, centerlines, lane lines, edge lines and stop bars shall be striped with one application of waterborne-type I paint at the locations of the permanent striping. The paint shall have a minimum thickness of 15 mils wet.
6. The contractor shall break the centerlines and edge lines adjacent to turnouts across any intersections with dedicated roadways or otherwise directed by the Engineer. In addition, the contractor shall not place any centerlines within 10 feet of the nearest edge of pavement of intersecting roadway.
7. The final striping shall be 90 mil (0.090 inches) thick alkyd extruded thermoplastic reflectorized striping placed over the existing striping, placed at a minimum of 30 calendar days after the initial striping. All other markings shall be applied at the same time.
8. 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. The air and pavement temperatures shall be a minimum of 55-degree F and rising for the placement of extruded thermoplastic pavement markings.
9. All existing pavement markings in conflict with these plans shall be removed by approved methods in accordance with the requirements of Subsection 701-3.06 of the specifications.
10. The pavement marking drawings are schematic only. The contractor shall follow all dimensions and details when installing pavement markings.

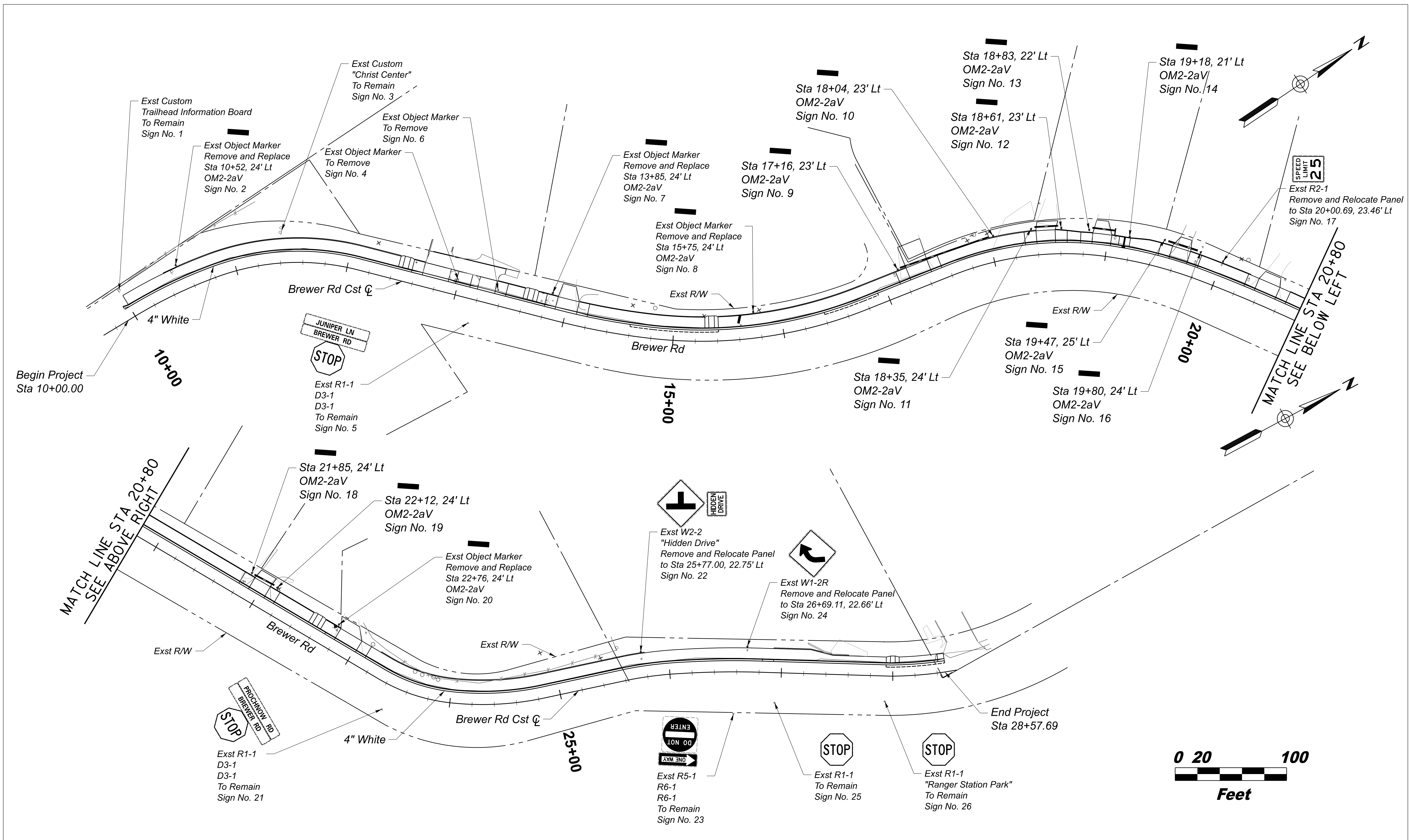
APPROXIMATE PAVEMENT MARKINGS QUANTITIES			
BID ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
7015052	Obliterate Pavement Marking (Stripe)	L.FT.	1,664
7040005	Pavement Marking (White Extruded Thermoplastic) (0.090")	L.FT.	1,854
7080201	Waterborne-Type I Pavement Marking (Painted) (White)	L.FT.	1,854

APPROXIMATE SIGNING QUANTITIES			
BID ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
2020053	Remove (Existing Sign Post and Foundation)	EACH	3
6070054	Sign Post Perforated (2 1/2 S)	L.FT.	36
6070060	Foundation for Sign Post (Concrete)	EACH	3
6080120	Sign (Relocate)	EACH	4
7030082	Object Marker (M-23) (Type 2)	EACH	14

SIGNING GENERAL NOTES:

1. All signs shall be in compliance with the Manual on Uniform Traffic Control Devices (MUTCD), the ADOT Signing and Marking Standard Drawings, and the ADOT 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 installing signs.
3. Unless otherwise noted, 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. Offsets for all signs shall be measured from the edge of the roadway to the nearest edge of the sign. All signs shall be offset 12 feet from the edge of pavement.
4. The contractor shall remove existing signing where indicated in the plans.
5. 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.
6. The contractor shall inventory all signs to be removed or covered and note damaged signs to the Engineer at the time of covering or removal. All signs damaged by covering or removal due to contractor's operations shall be replaced by the contractor at the contractor's expense.

		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
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		CHECKED	B JONES	06-2026		-----							
		SIGNING AND PAVEMENT MARKING GENERAL NOTES AND QUANTITIES		LOCATION		BREWER ROAD SHARED-USE PATH							
						STRUCTURE NO.	TRACS NO.		T0537 01C		____ OF ____		



 <i>Brian Rondal Jones</i>		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. 000 CN SED	FEDERAL ID NO. SED-0(203)T	SHEET NO. 46	TOTAL SHEETS 55	RECORD DRAWING	
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	DRAWN	C ESTUS	06-2026										
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	TRACS NO. T0537 01C						___ OF ___						

Plan Sheet No.	Sign Number	MOAS Sign Code	Work					Offset (ft)	Mounting Height (ft)	Background Color	Panel				Bid Item Number	Ground Mounted					Overhead		Remarks			
			New	Existing							Legend	Width (in)	Height (in)	Area (sq ft)		Type	Foundations	Post			Stringer			Structure Type	No. of Lights	
				Replace Panel	Relocate Panel	Modify Legend	Remove											To Remain	Type	Total Length (ft)	New Slipbases	Type				Total Length (ft)
T-01.04	1						X				Trailhead Information Board															
T-01.04	2	OM2-2aV	X				X			YLW	Object Marker				7030082											
T-01.04	3							X			CHRIST CENTER															
T-01.04	4	OM2-2aV					X			YLW	Object Marker															
T-01.04	5	R1-1						X	7	RED	STOP															
		D3-1						X		GREEN	JUNIPER LN												Mounted Above R-1			
		D3-1						X		GREEN	BREWER RD												Mounted Above R-1			
T-01.04	6	OM2-2aV					X			YLW	Object Marker															
T-01.04	7	OM2-2aV	X				X			YLW	Object Marker				7030082											
T-01.04	8	OM2-2aV	X				X			YLW	Object Marker				7030082											
T-01.04	9	OM2-2aV	X							YLW	Object Marker				7030082											
T-01.04	10	OM2-2aV	X							YLW	Object Marker				7030082											
T-01.04	11	OM2-2aV	X							YLW	Object Marker				7030082											
T-01.04	12	OM2-2aV	X							YLW	Object Marker				7030082											
T-01.04	13	OM2-2aV	X							YLW	Object Marker				7030082											
T-01.04	14	OM2-2aV	X							YLW	Object Marker				7030082											
T-01.04	15	OM2-2aV	X							YLW	Object Marker				7030082											
T-01.04	16	OM2-2aV	X							YLW	Object Marker				7030082											
T-01.04	17	R2-1		X					7	WHT	SPEED LIMIT 25	24	30	5	RWM	6080120	1	2 1/2S	12							

Notes:

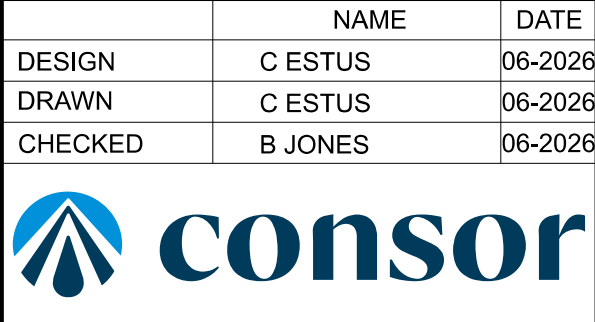
1. The Engineer will verify post lengths and elevations.
2. The Engineer may shift a sign in order to achieve a more desirable location.
3. No separate measurement or direct payment will be made for the removal of the existing object markers from the locations shown on the plans, the cost being considered as included under Item 7030082.

Post Type:

2S = 2"x2" 12 gauge perforated square tube post
2 1/2S= 2 1/2"x2 1/2" 12 gauge perforated square tube post
2 1/2T= Telescoping assembly of a 2 1/4"x2 1/4" 12 gauge square tube post inside a 2 1/2"x2 1/2" 12 gauge perforated square tube post

Panel Types:

RWM: Regulatory, Warning, or Marker
F-DA: Flat-sheet aluminum with direct applied or silk-screened characters
F-Dem: Flat-sheet aluminum with demountable characters
Ext: Aluminum extrusions
Incr: Aluminum sheet increment



DESIGN	NAME	DATE
DRAWN	C ESTUS	06-2026
CHECKED	B JONES	06-2026

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

SIGN SUMMARY SHEET

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
-----		ARIZ.	000 CN SED	SED-0(203)T	47	55	
MILEPOST	LOCATION BREWER ROAD SHARED-USE PATH						DWG NO. T-1.05
STRUCTURE NO.	TRACS NO. T0537 01C						OF

Plan Sheet No.	Sign Number	MOAS Sign Code	Work					Offset (ft)	Mounting Height (ft)	Background Color	Panel					Bid Item Number	Ground Mounted					Overhead		Remarks		
			New	Existing							Legend	Width (in)	Height (in)	Area (sq ft)	Type		Foundations	Post			Stringer		Structure Type		No. of Lights	
				Replace Panel	Relocate Panel	Modify Legend	Remove											To Remain	Type	Total Length (ft)	New Slipbases	Type				Total Length (ft)
T-01.04	18	OM2-2aV	X							YLW	Object Marker					7030082										
T-01.04	19	OM2-2aV	X							YLW	Object Marker					7030082										
T-01.04	20	OM2-2aV	X			X				YLW	Object Marker					7030082										
T-01.04	21	R1-1					X			RED	STOP															
		D3-1					X			GREEN	PROCHNOW RD													Mounted Below R1-1		
		D3-1					X			GREEN	BREWER RD													Mounted Below R1-1		
T-01.04	22	W2-2		X						YLW	NOW OUTLET	30	30	6.3	RWM	6080120	1	2 1/2S	12							
		W-11		X				7		YLW	HIDDEN DRIVE	18	18	2.3	RWM									Mount Below W2-2		
T-01.04	23	R5-1					X			RED	DO NOT ENTER															
		R6-1					X			WHITE	ONE WAY															
		R6-1					X			WHITE	ONE WAY															
T-01.04	24	W1-2L		X				7		YLW	Right Arrow Plaque	30	30	6.3	RWM	6080120	1	2 1/2S	12							
T-01.04	25	R1-1					X			RED	STOP															
T-01.04	26	R1-1					X			RED	STOP															

Notes:
1. The Engineer will verify post lengths and elevations.
2. The Engineer may shift a sign in order to achieve a more desirable location.
3. No separate measurement or direct payment will be made for the removal of the existing object markers from the locations shown on the plans, the cost being considered as included under Item 7030082.

Post Type:
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Panel Types:
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	DESIGN	C ESTUS	06-2026	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	-----	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 000 CN SED	FEDERAL ID NO. SED-0(203)T	SHEET NO. 48	TOTAL SHEETS 55	RECORD DRAWING	
	DRAWN	C ESTUS	06-2026		MILEPOST	-----								
	CHECKED	B JONES	06-2026		STRUCTURE NO.	-----								
					SIGN SUMMARY SHEET	LOCATION BREWER ROAD SHARED-USE PATH								DWG NO.
					TRACS NO. T0537 01C								____ OF ____	

GENERAL NOTES:

- 1. Refer to ADOT SD 7.02 Retaining Wall (Reinforced Masonry Cantilever) for all general and construction notes.
- 2. Temporary shoring may be required for excavation and construction of some walls. The Contractor shall determine the exact limits and type of necessary shoring systems required. The shoring system shall be approved by the Resident Engineer prior to the installation. Refer to the Final Geotechnical Report for costruction excavation and temporary construction cut slope requirements. The cost of the temporary shoring for retaining wall construction shall be included in the square foot bid price of the retaining walls.
- 3. All exposed surface of walls shall be painted to a minimum depth of 1'-0" below final grade. Retaining walls shall be painted in accordance with the Standard Specifications unless otherwise noted.
- 4. Weep holes in wall shall be 6" above finished grade spaced 8'-0" on-center.

SAFETY RAIL NOTES:

- 1. Handrail shall be centered on wall section.
- 2. Handrails shall run continuous between wall expansion joints or top of wall steps.
- 3. All posts shall be vertical and all rails shall be parallel to the top of wall.
- 4. All structural steel shall be ASTM A36. All steel pipe shall be ASTM A53, Grade A, standard weight.
- 5. Handrail mounted on painted structures shall be painted to match the structure per ADOT Standard Specifications.
- 6. All welding shall conform to the requirements of the American Welding Society, ANSI/AASHTO/AWS D1.5 Bridge Welding Code, latest edition.
- 7. All exposed edges shall be ground smooth.
- 8. Metal handrail is paid under Bid Item No. 6110200.

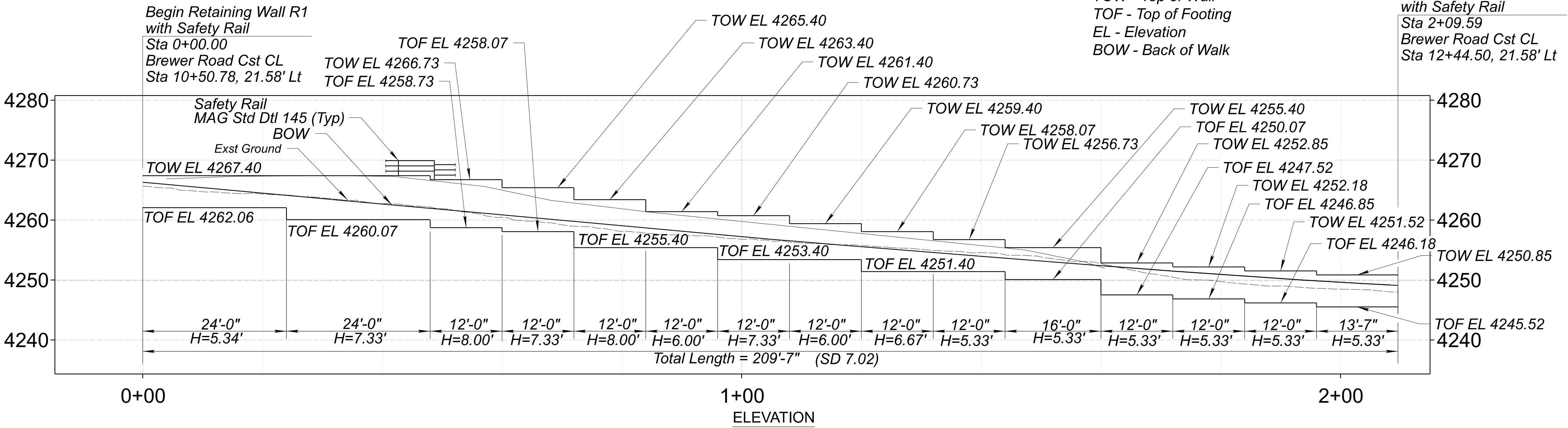
WALL SUMMARY & APPROXIMATE QUANTITIES		
Wall No.	Retaining Wall - SD 7.02 (SF)	Metal Handrail (LF)
R1	1310	210
R2	783	146
R3	228	43
R4	173	34
R5	263	42
R6	243	46
R7	1477	245
Totals:	4485	804



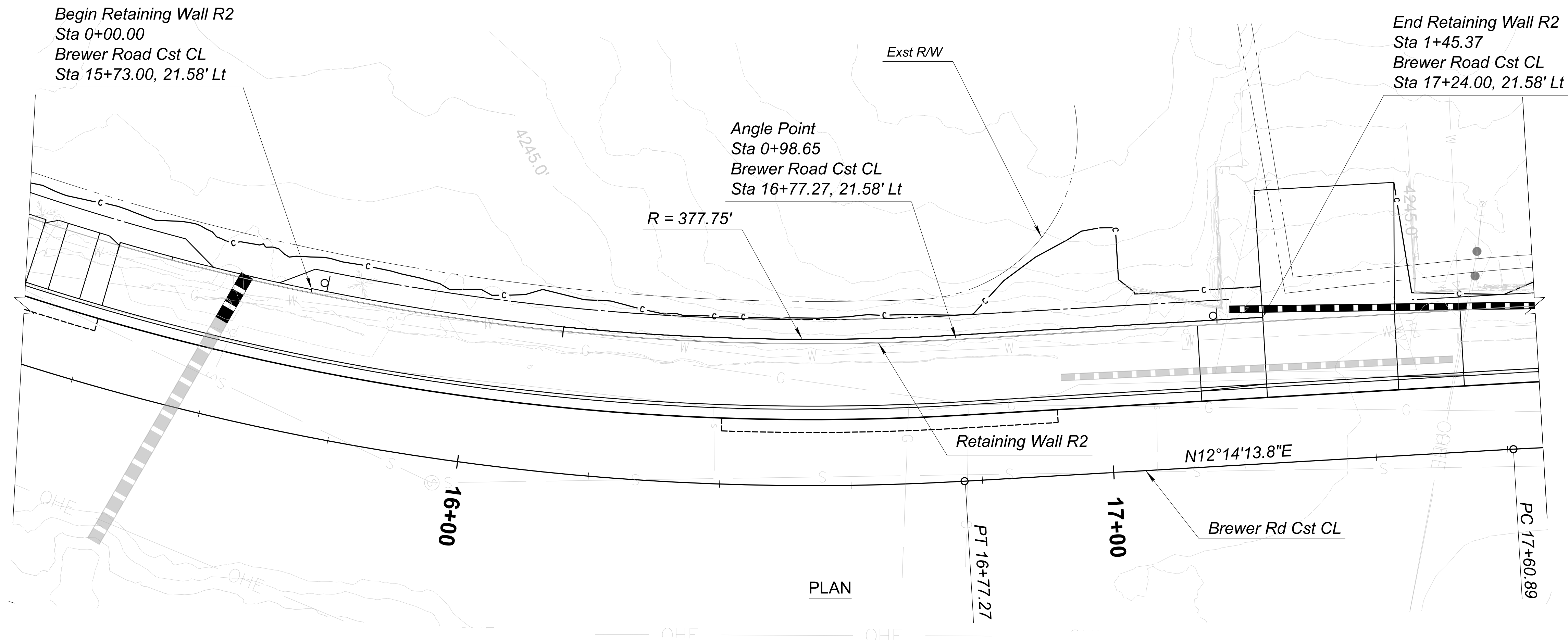
PLAN

LEGEND

TOW - Top of Wall
TOF - Top of Footing
EL - Elevation
BOW - Back of Walk

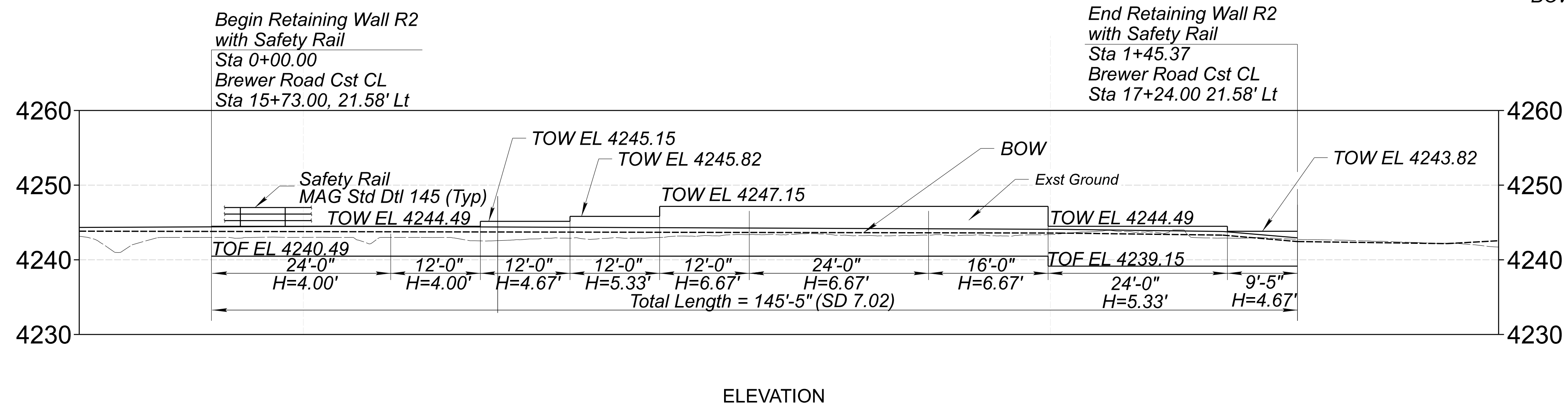


 <i>Brian Rondal Jones</i>	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE -----	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING		
	DESIGN		C ESTUS					06-2026	000 CN SED	SED-0(203)T	50	55		
	DRAWN		C ESTUS					06-2026						
	CHECKED		B JONES	06-2026		MILEPOST -----	LOCATION BREWER ROAD SHARED-USE PATH						DWG NO.	S-02.01
	RETAINING WALL PLAN AND ELEVATION			TRACS NO. T0537 01C						OF				



LEGEND

TOW - Top of Wall
TOF - Top of Footing
EL - Elevation
BOW - Back of Walk



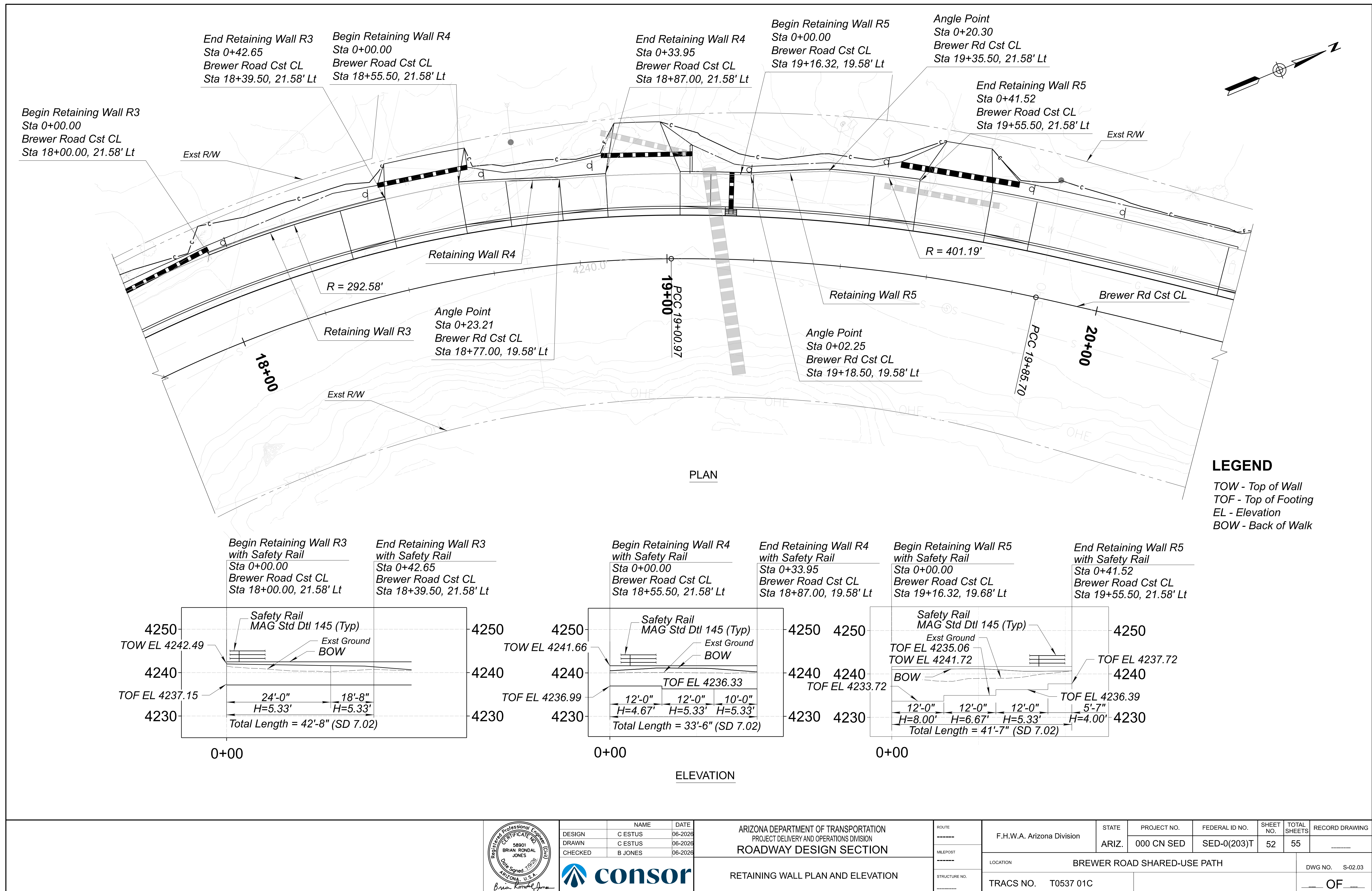
	NAME	DATE
DESIGN	C ESTUS	06-2026
DRAWN	C ESTUS	06-2026
CHECKED	B JONES	06-2026

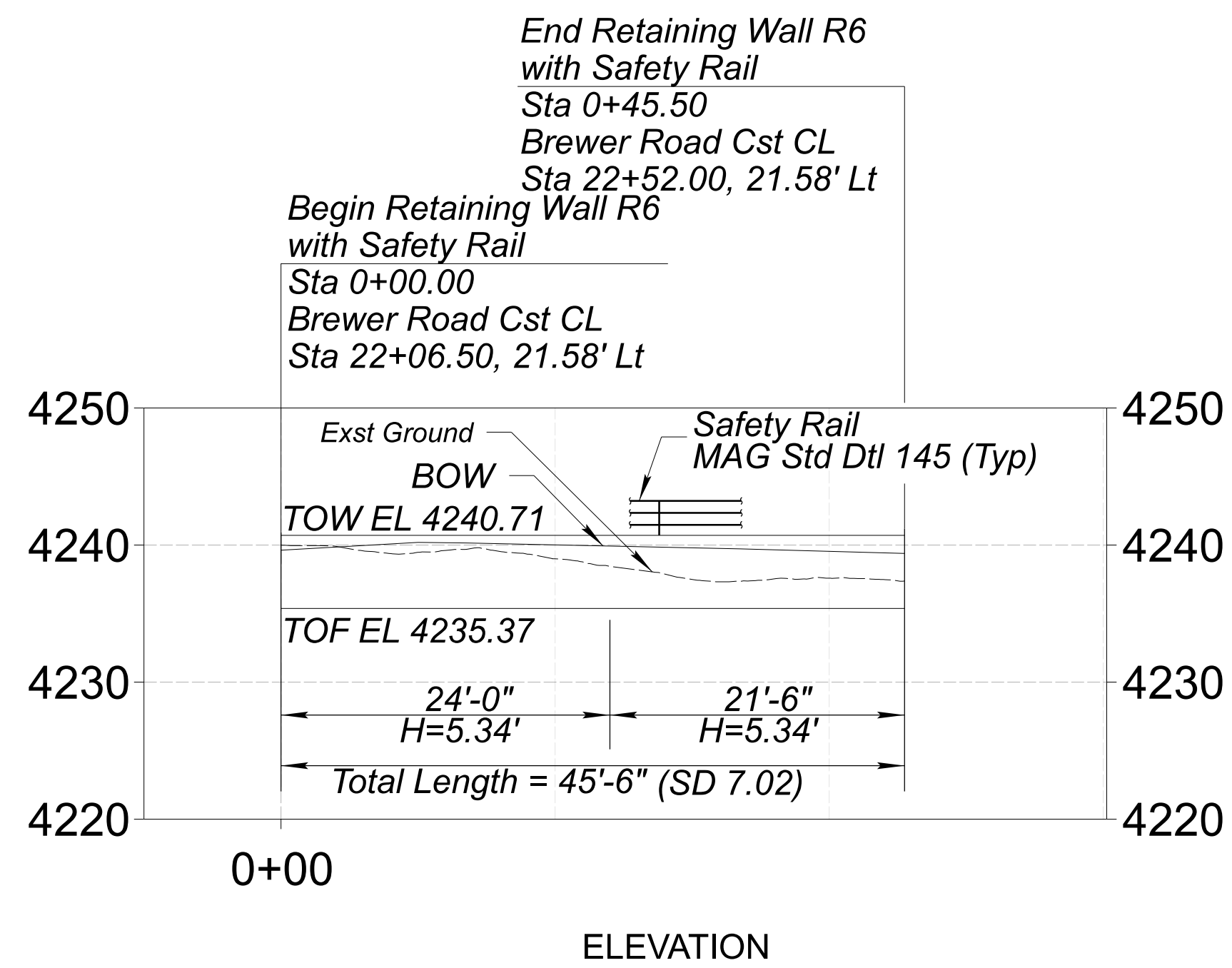
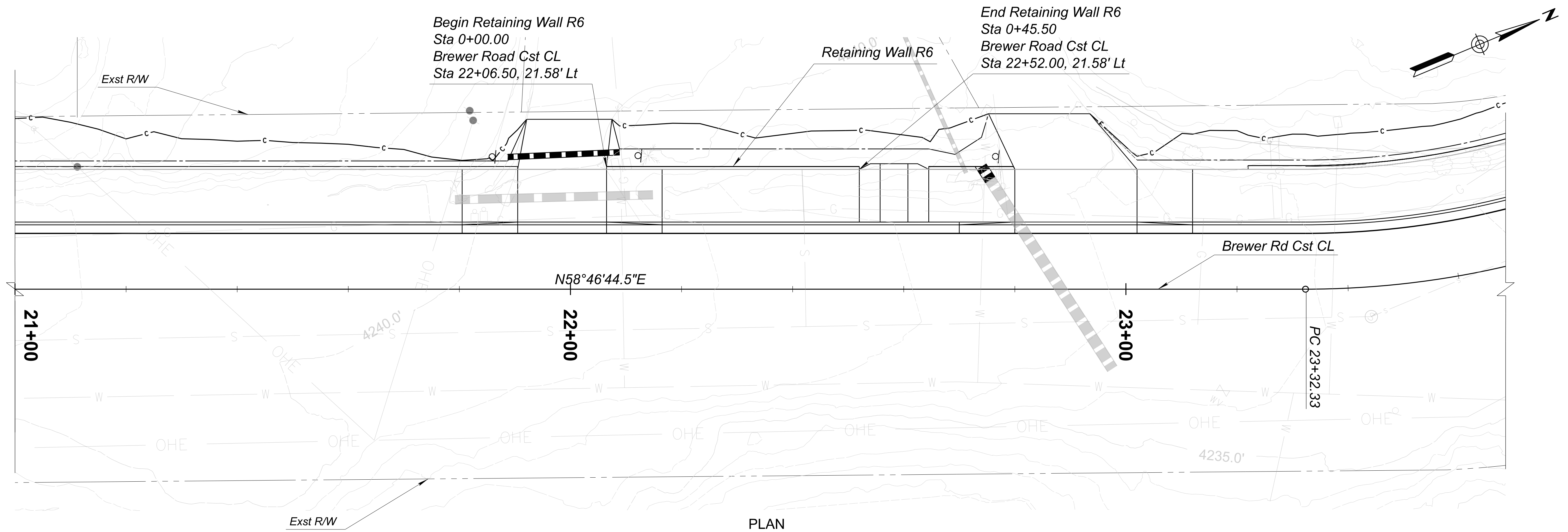


ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

RETAINING WALL PLAN AND ELEVATION

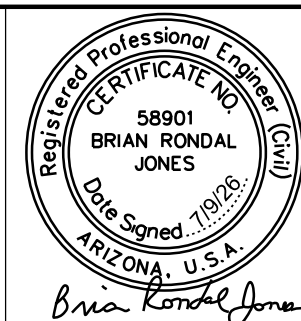
ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
-----		ARIZ.	000 CN SED	SED-0(203)T	51	55	
LOCATION	BREWER ROAD SHARED-USE PATH						DWG NO. S-02.02
-----	TRACS NO. T0537 01C						OF





LEGEND

TOW - Top of Wall
TOF - Top of Footing
EL - Elevation
BOW - Back of Walk



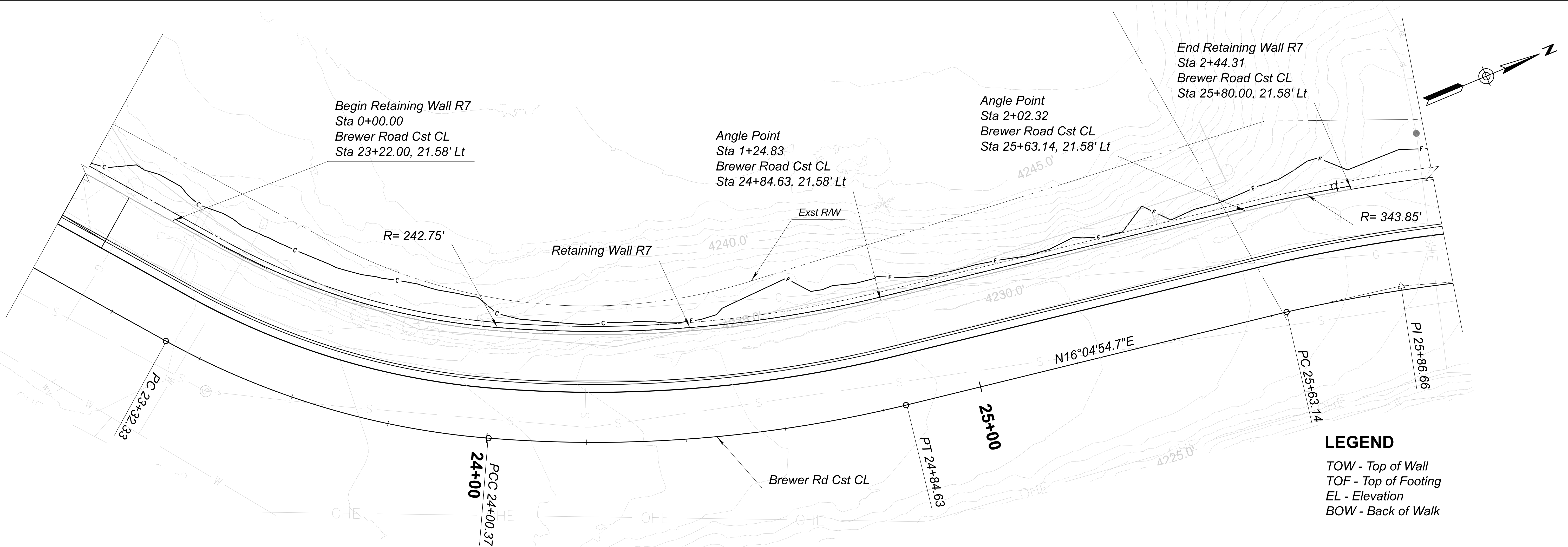
	NAME	DATE
DESIGN	C ESTUS	06-2026
DRAWN	C ESTUS	06-2026
CHECKED	B JONES	06-2026

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

RETAINING WALL PLAN AND ELEVATION

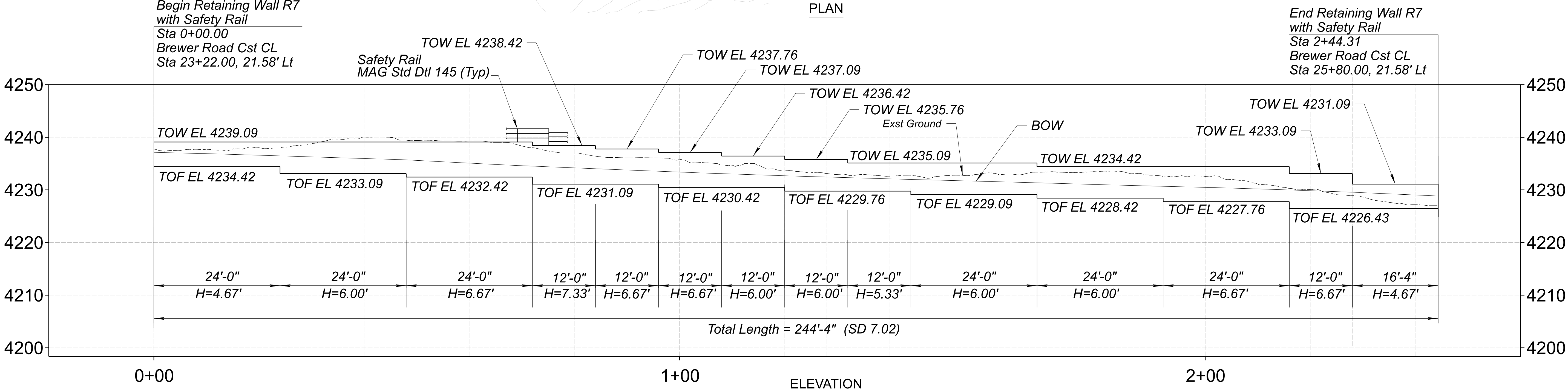
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-----		ARIZ.	000 CN SED	SED-0(203)T	53	55	
LOCATION	BREWER ROAD SHARED-USE PATH						DWG NO. S-02.04

STRUCTURE NO.	TRACS NO. T0537 01C						OF



LEGEND
TOW - Top of Wall
TOF - Top of Footing
EL - Elevation
BOW - Back of Walk

PLAN



ELEVATION

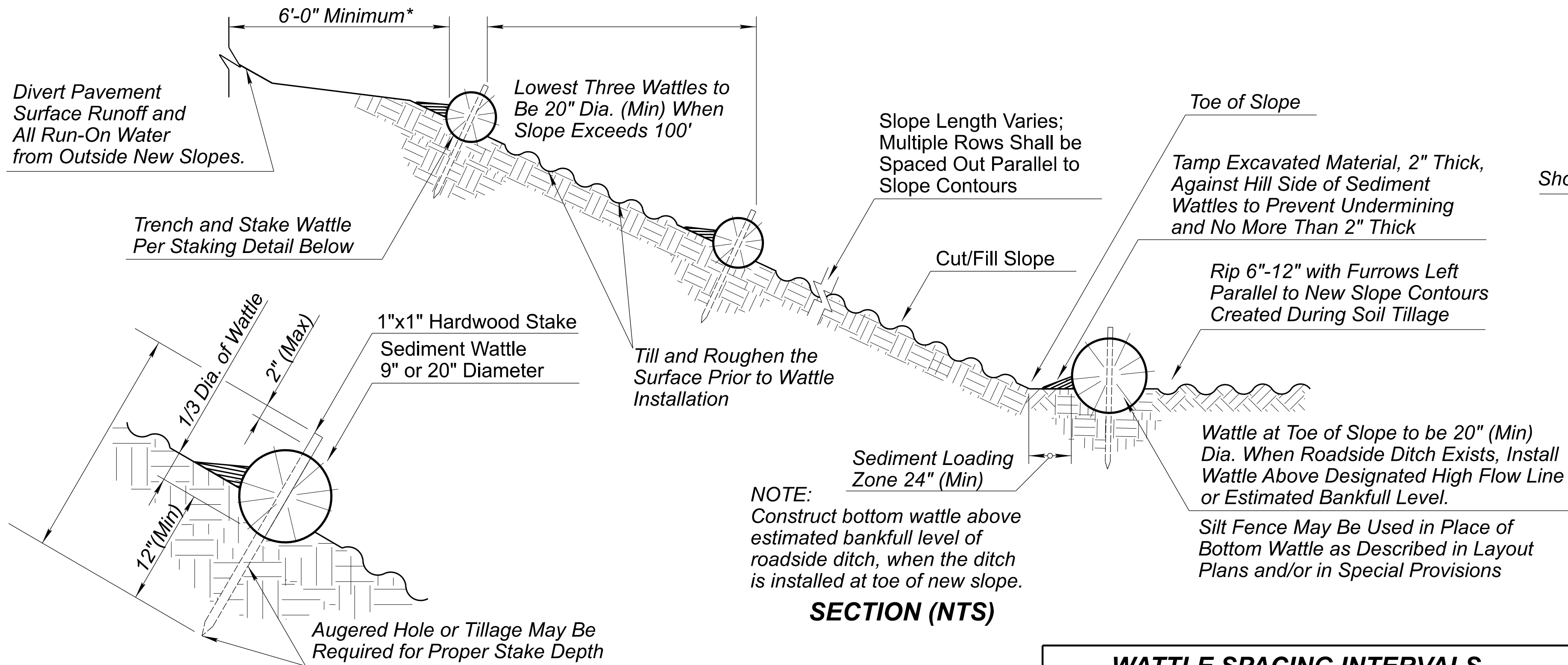


	NAME	DATE
DESIGN	C. ESTUS	06-2026
DRAWN	C. ESTUS	06-2026
CHECKED	B. JONES	06-2026

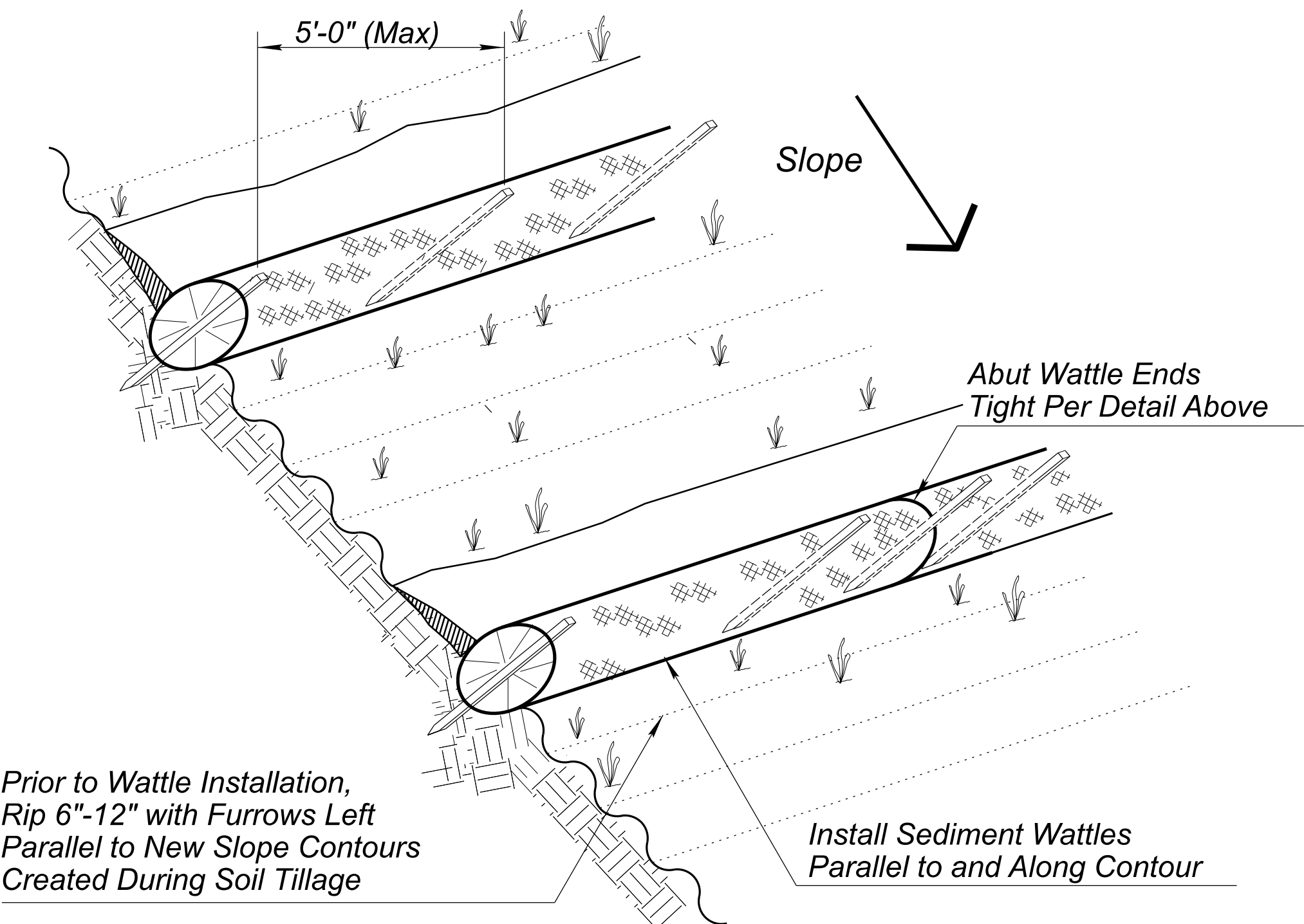
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION
RETAINING WALL PLAN AND ELEVATION

ROUTE	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	000 CN SED	FEDERAL ID NO.	SED-0(203)T	SHEET NO.	54	TOTAL SHEETS	55	RECORD DRAWING	
MILEPOST	BREWER ROAD SHARED-USE PATH											DWG NO.	S-02.05
STRUCTURE NO.	TRACS NO. T0537 01C											OF	



SEDIMENT WATTLE STAKING
DETAIL (NTS)

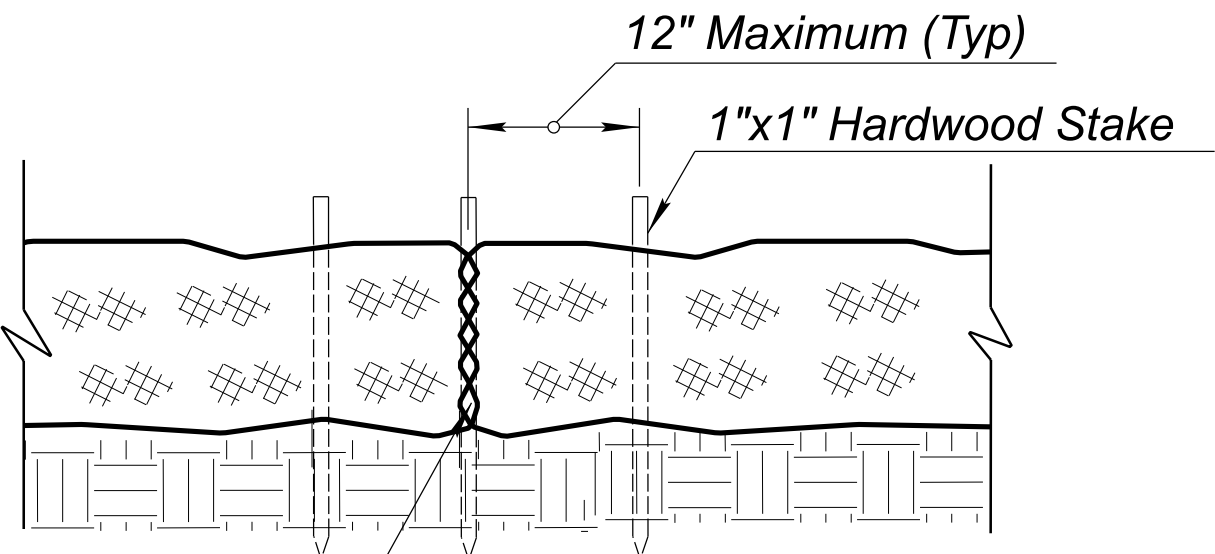


SEDIMENT WATTLE
LAYOUT (NTS)

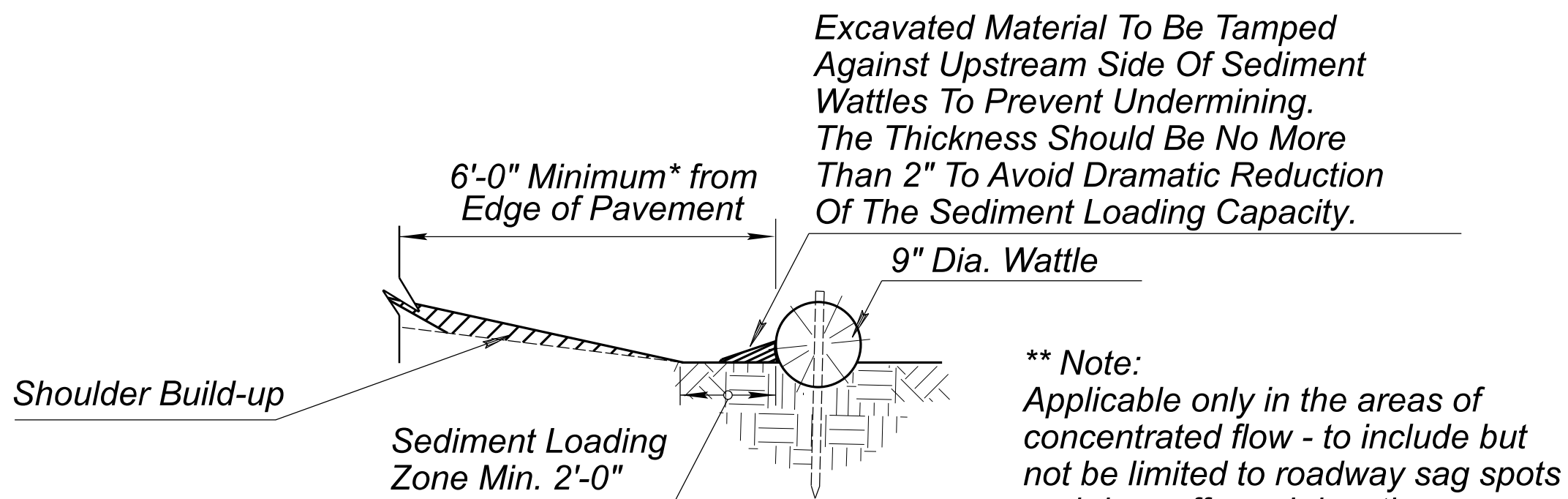
SECTION (NTS)

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'

- * Notes:
- 1) Top Row Shall Not be Placed within 6'-0" of Edge of Pavement and 9'-0" from Outside Surface of Barrier.
 - 2) For erosive soils, place rows of wattles closer together.
 - 3) For soils with low erosive potential, place rows of wattles further apart.



SEDIMENT WATTLE
OVERLAP (NTS)



NEW SHOULDER BUILDUP **
PROTECTION SECTION (NTS)

- 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 Minibenches 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 these 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.

DETAIL ES1
SEDIMENT WATTLE



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

STORMWATER QUALITY PROTECTION &
EROSION/SEDIMENT CONTROL DETAILS

ROUTE

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

STATE
ARIZ.

PROJECT NO.
000 CN SED

FEDERAL ID NO.
SED-0(203)T

SHEET NO.
48

TOTAL SHEETS
55

RECORD DRAWING

LOCATION
BREWER ROAD SHARED-USE PATH

TRACS NO. T0537 01C

DWG NO. E-01.01

OF