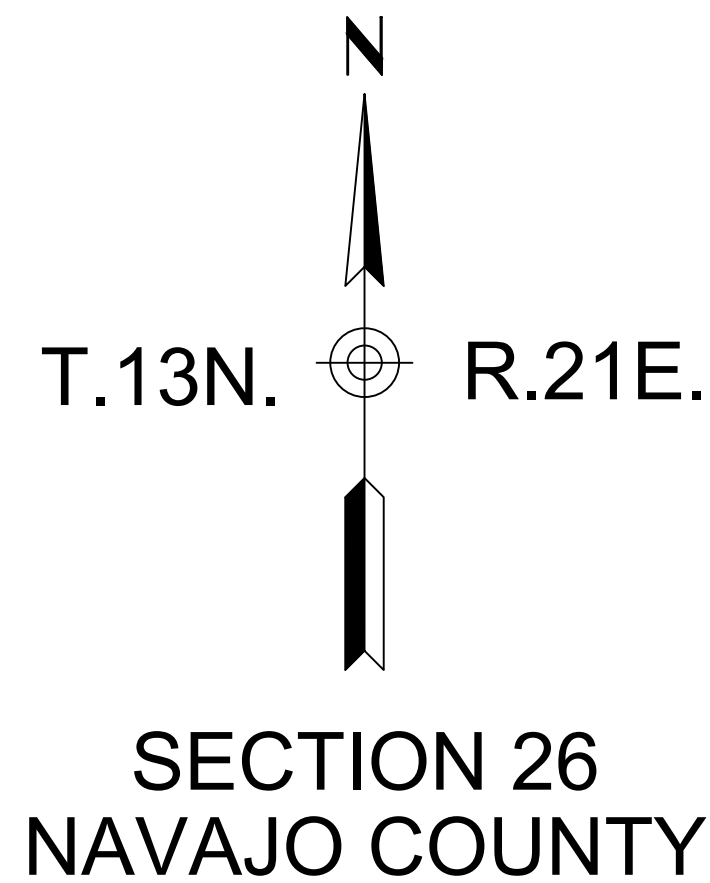
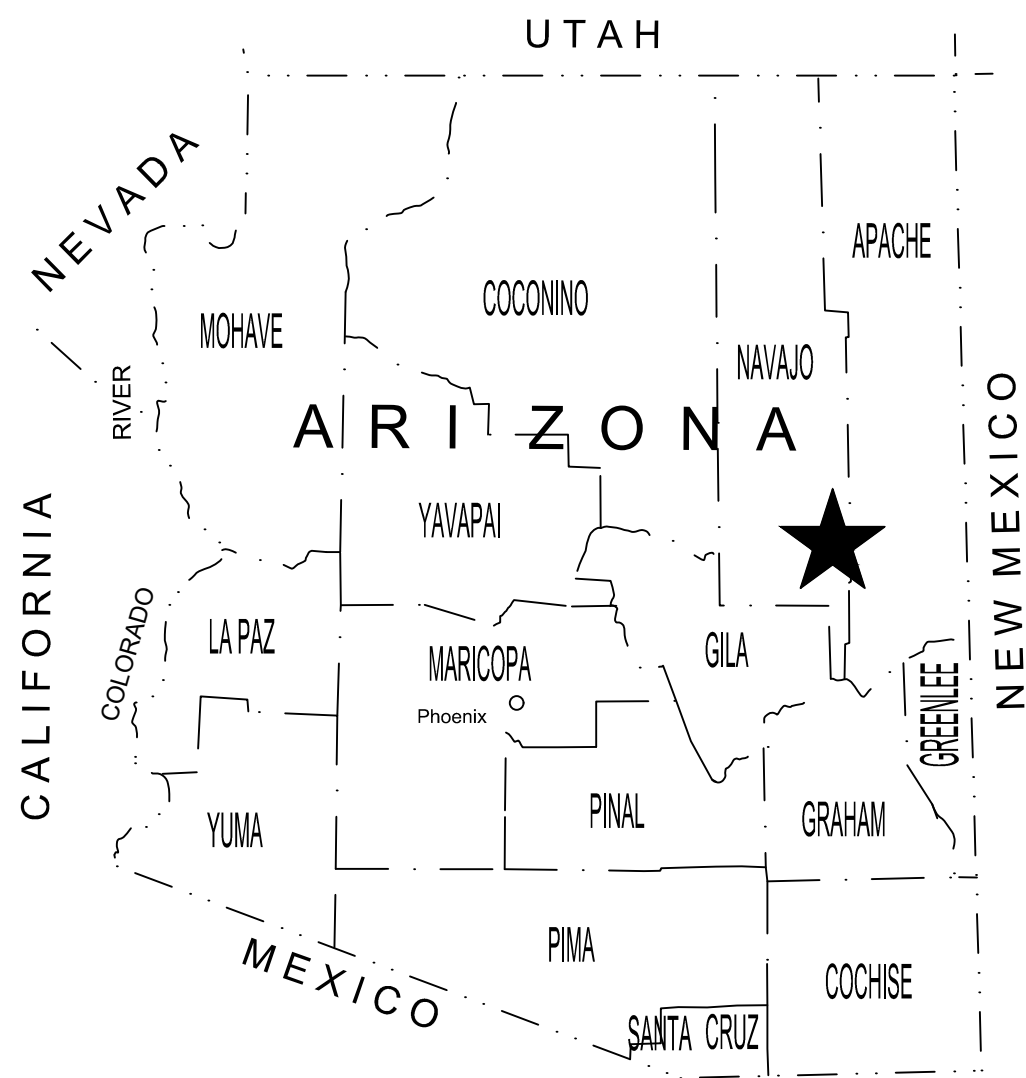
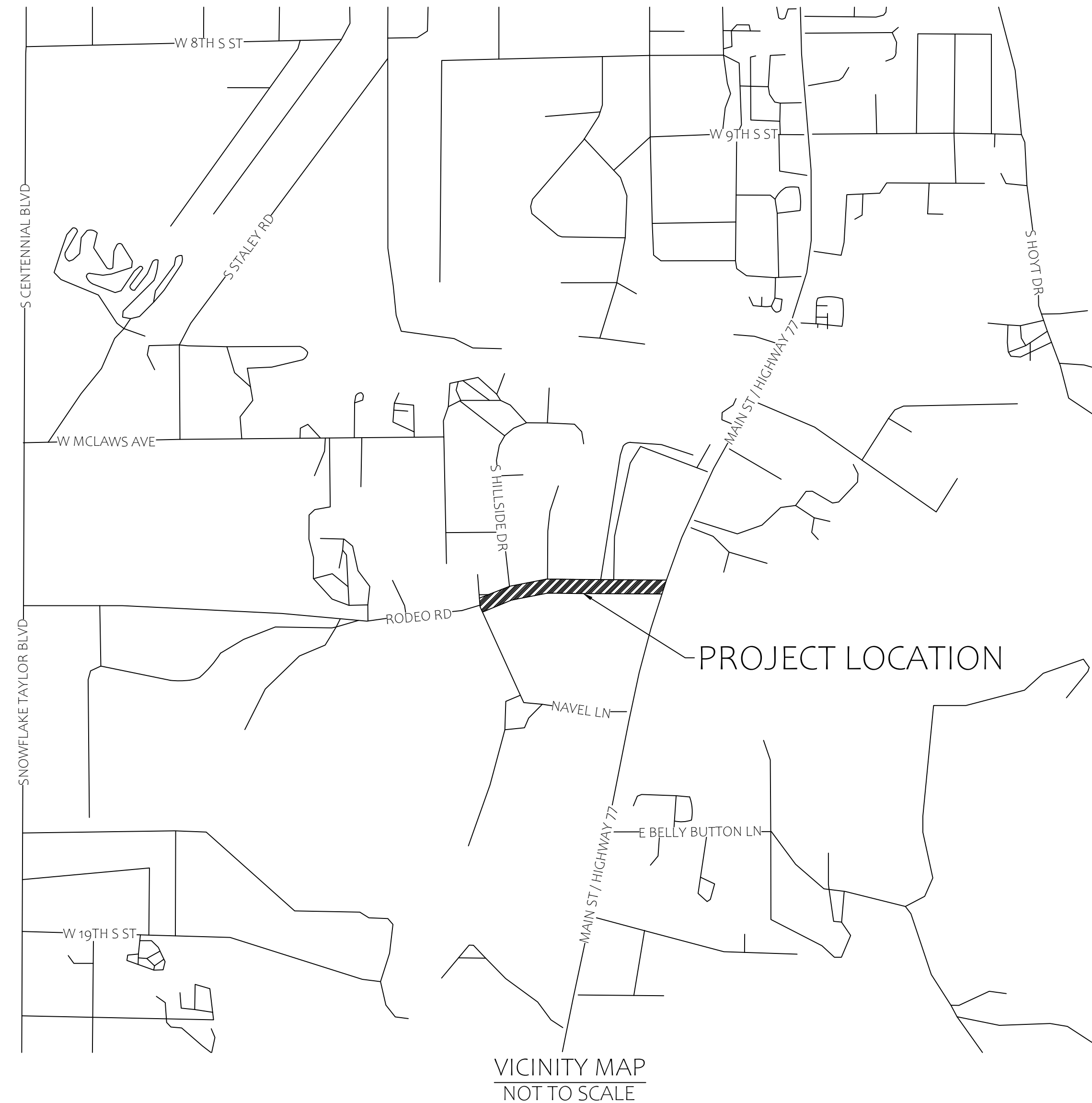




STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT PLANS
TOWN OF SNOWFLAKE



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

RODEO RD, MAIN ST TO HILLSIDE DR
PROJECT NO. 0000 NA SNW T0718 01C
FEDERAL AID NO. SNW-0(202)T

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

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	
		MGL	06/19	
PROJECT NO.			1A	OF 31
0000 NA SNW T071801C				
RECORD DRAWING	FEDERAL ID NO.	REC. DWG. DATE	2	OF 31
DATA	SNW-0(202)T			

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	DATE
PROJECT NO.		MGL	06/19
0000 NA SNW T071801C		1B-1	OF 31
RECORD DRAWING DATA	FEDERAL ID NO. SNW-0(202)T	REC. DWG. DATE	3 OF 31

ADOT STANDARD DRAWINGS

TRAFFIC SIGNING & MARKING STANDARDS

(SHEET 2 OF 2)

EFFECTIVE MAY 2025

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

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

ADOT STANDARD DRAWINGS REVISION DATES and STANDARD NO.'s REVIEW			
		NAME	DATE
SIGNING & MARKING STANDARDS		MGL	06/19
PROJECT NO. 0000 NA SNW T071801C		1B-2 OF 31	
RECORD DRAWING DATA	FEDERAL ID NO. SNW-0(202)T	REC. DWG. DATE	4 OF 31

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.		MGL	06/19	
0000 NA SNW T071801C		1D	OF	31
RECORD DRAWING DATA	FEDERAL ID NO. SNW-0(202)T	REC. DWG. DATE	8	OF 31

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

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

BIO-3: Burrowing Owls ☐ N/A

BIO-3A and BIO-3C: Burrowing Owl Awareness Flyer and Burrowing Owl Relocations; see Section 104.16 BIO-3A and Section 104.16 BIO-3C of the specifications for direction.

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

Arizona Department of Transportation Environmental Planning Standard Template				
Environmental, Permits, Issues, And Commitments (EPIC) Sheet				
Environmental Planner Name		Morgan Ghods	R.E. Name	
Environmental Planning Date of Completion		5/19/2026	R.E. Signature <	

MIDPOINT OF PROJECT

ARIZONA EAST ZONE
STATE PLANE COORDINATES
X=726,698
Y= 1,278,697

DESIGN DATA
2024 AADT - 19,447
2045 AADT - 20,075

MIN DESIGN SPEED - 25 MPH

LENGTH OF PROJECT

STORM DRAIN AND SIDEWALK IMPROVEMENTS STA 10+32 TO 22+02 = 1,170'
TOTAL LENGTH = 1,170' = 0.22 MILES

PROJECT GENERAL NOTES:

1. EARTHWORK NOTES:

A. VOLUME OF CUT AND FILL HAS BEEN ESTIMATED HEREIN AND QUANTIFIED IN CUBIC YARDS. NO SHRINK OR SWELL FACTORS APPLIED.

B. ANY COBBLES, BOULDERS, TRASH OR OTHER DEBRIS ENCOUNTERED WITHIN THE PROJECT LIMITS DURING CONSTRUCTION SHALL BE REMOVED FROM THE SITE AT THE CONTRACTORS EXPENSE AND EXCESS EXCAVATED SOILS SHALL BE HAULED TO STOCKPILE AREA PROVIDED BY THE TOWN OF SNOWFLAKE.

C. ALL FINISHED GRADE SURFACES SHALL BE SMOOTH, FREE OF DEBRIS AND GENERALLY PLEASING IN APPEARANCE, GIVING A "FINISHED" LOOK TO THE PROJECT.
2. CONTRACTOR SHALL PROTECT IN PLACE THE EXISTING FEATURES TO REMAIN AS NECESSARY TO ENSURE NO DAMAGE OCCURS DURING CONSTRUCTION. ITEMS TO BE PROTECTED IN PLACE MAY INCLUDE WELL HEADS, ELECTRICAL BOXES/TRANSFORMERS, TELECOM PEDESTALS, TREES, UNDERGROUND UTILITIES ETC. THE COST (IF ANY) OF PROVIDING PROTECTION AS NECESSARY SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AS A WHOLE.

EARTHWORK QUANTITIES

ROADWAY EARTHWORK: CUT *	430 CY
DRAINAGE EARTHWORK: CUT *	1580 CY
DRAINAGE EARTHWORK: FILL	1090 CY

* SEE PROJECT GENERAL NOTE 1, THIS SHEET.

LEGEND

	DRAINAGE ARROW (→ DOWNHILL)
	EXISTING SEWER MANHOLE
	EXISTING POWER POLE
	EXISTING GAS VALVE
	EXISTING WATER VALVE
	EXISTING SIGN
	EXISTING FIRE HYDRANT
	EXISTING WATER METER
	EXISTING CATCH BASIN
	EXISTING COMMUNICATION BOX
	PROPOSED CATCH BASIN
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	PROPOSED SIDEWALK
	PROPOSED RIPRAP BY OTHERS
	PROPOSED CONCRETE CULVERT
	PROPOSED STORM DRAIN PIPE BY OTHERS
	EXISTING ASPHALT PAVEMENT
	EXISTING STORM DRAIN PIPE
	EXISTING CONCRETE
	PROPOSED HANDRAIL
	EXISTING FIBER LINE
	EXISTING GAS LINE
	EXISTING OVERHEAD ELECTRIC LINES
	EXISTING WATER PIPE
	EXISTING SEWER PIPE
	EXISTING FLOW LINE
	EXISTING CHAIN FENCE
	EXISTING BARBED FENCE
	PROPERTY BOUNDARY
	EASEMENT
	SETBACK
	STANDARD
	EXISTING
	TYPICAL
	DETAIL
	ARIZONA DEPARTMENT OF TRANSPORTATION
	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
	MARICOPA ASSOCIATION OF GOVERNMENTS
	ASPHALT CONCRETE
	AGGREGATE BASE
	HIGH-DENSITY POLYETHYLENE
	FIBER OPTICS

A.D.O.T. 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 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.
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).
4. PAVEMENT LIFT THICKNESS IS NOMINAL.
5. WHERE ONLY THE HORIZONTAL LOCATION OF AN EXISTING UTILITY IS SHOWN, THE LOCATION IS APPROXIMATE. WHERE BOTH THE HORIZONTAL AND VERTICAL LOCATION OF AN EXISTING UTILITY IS SHOWN, THE LOCATION HAS BEEN VERIFIED BY FIELD SURVEY METHODS. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT ARIZONA 811 LAWS AND SECTION 107.15 OF THE SPECIFICATIONS.
6. THE AVERAGE PROJECT ELEVATION IS 5608.40.
7. NEW RIGHT OF WAY AND EASEMENTS ARE NOT REQUIRED.
8. CHANGES IN LOCATION OR LENGTH OF SPILLWAY OR DOWNDRAIN INSTALLATION MAY BE MADE BY THE ENGINEER TO IMPROVE DRAINAGE CONDITIONS.
9. SLOPE ROUNDING SHALL BE APPLIED PER STD C-02 SERIES UNLESS OTHERWISE NOTED.
- 10.PROJECT PLANS HAVE BEEN DEVELOPED UTILIZING ALIGNMENT AND SURVEY CONTROL FROM SURVEY LS5608.40.

SHEET INDEX

SHEET NUMBER	DRAWING NAME	SHEET TITLE
1	CVR	COVER SHEET
2	1A	ADOT STANDARD DRAWINGS
3	1B-1	ADOT STANDARD DRAWINGS
4	1B-2	ADOT STANDARD DRAWINGS
5	1D	ADOT STANDARD DRAWINGS
6	1F	EPIC PROJECT INFORMATION
7	GN01	DESIGN SHEET & SHEET INDEX
8	DT01	BOX CULVERT DETAILS
9	DT02	WATERLINE ENCASEMENT DETAILS
10	DT03	BOX CULVERT SUMMARY
11	SI01	BOX CULVERT PLAN SHEET SUPPLEMENTAL INFORMATION
12	EC01	EROSION CONTROL NOTES & DETAILS
13	EC02	EROSION CONTROL PLAN SHEET
14	TC01	TRAFFIC CONTROL NOTES & QUANTITIES
15	TC02	TRAFFIC MAINTENANCE
16-31	DT03-SD08	RODEO ROAD STORM DRAIN AND INTERSECTION IMPROVEMENTS BY PAINTED SKY ENGINEERING AND SURVEYING, LLC.



DESIGN

DRAWN

CHECKED

OEA

OEA

MGL

06/19

06/19

06/19

NAME

DATE

REMAL CONSULTING ENGINEERS

1924 N CENTER ST

FLAGSTAFF, AZ 86004

(928) 419-4588

ARIZONA DEPARTMENT OF TRANSPORTATION

PROJECT DELIVERY AND OPERATIONS DIVISION

ROADWAY DESIGN SERVICES

ROUTE

SR 77

STRUCTURE NO.

LOCATION

RODEO RD, MAIN ST TO HILLSIDE DR

TRACS NO.

T0718 01C

STATE

ARIZ.

PROJECT NO.

0000 NA SNW

FEDERAL AID NO.

SNW-0(202)T

SHEET NO.

7

TOTAL SHEETS

31

RECORD DRAWING

DWG NO.

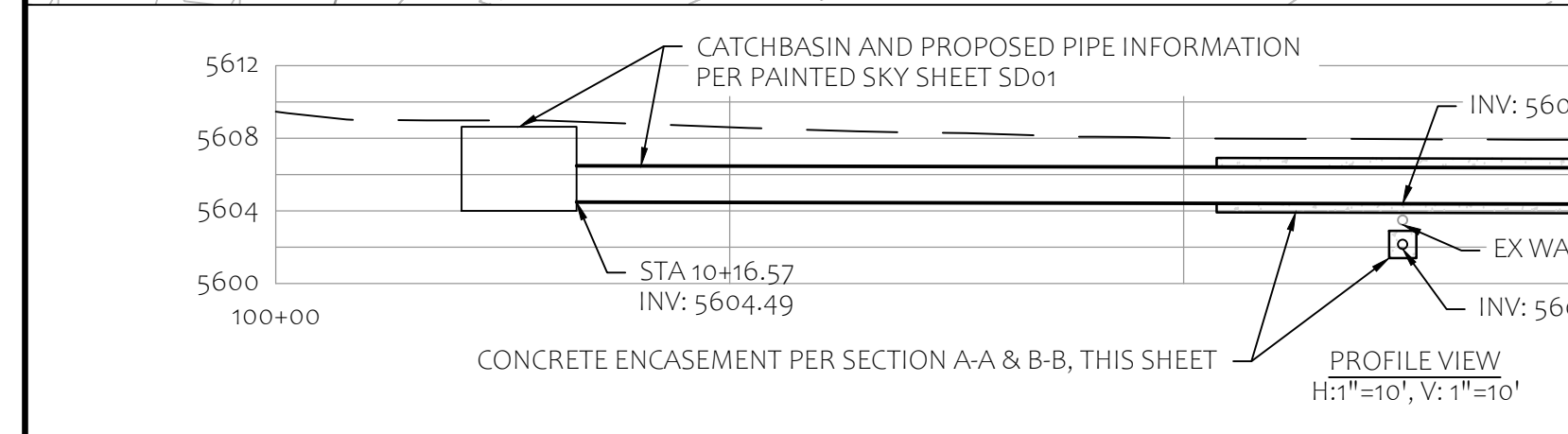
GN01

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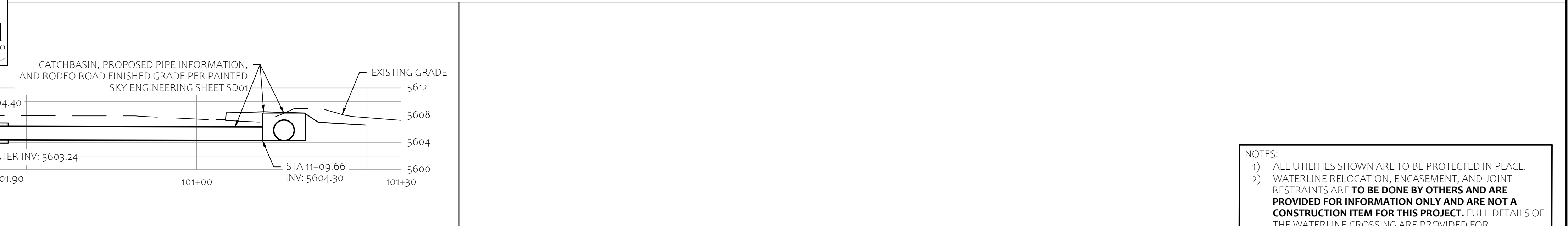
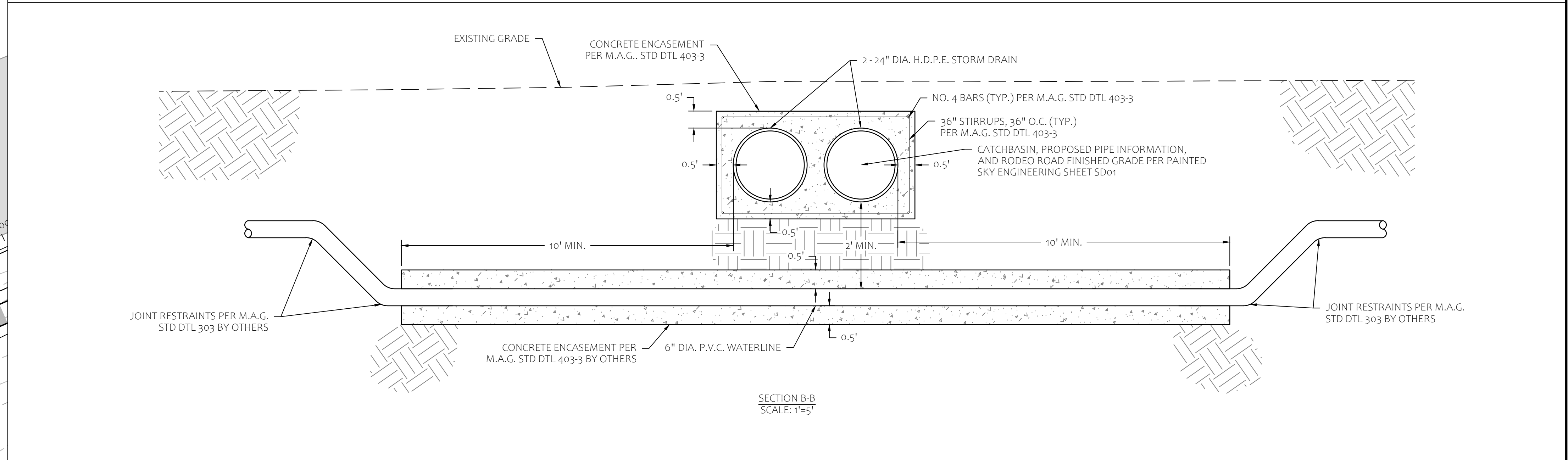
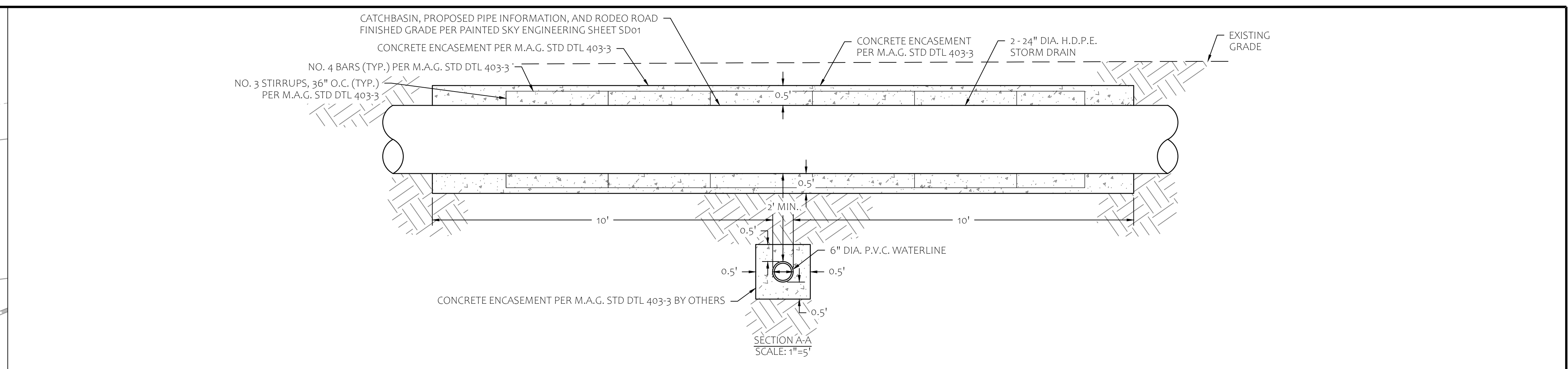
OF

31





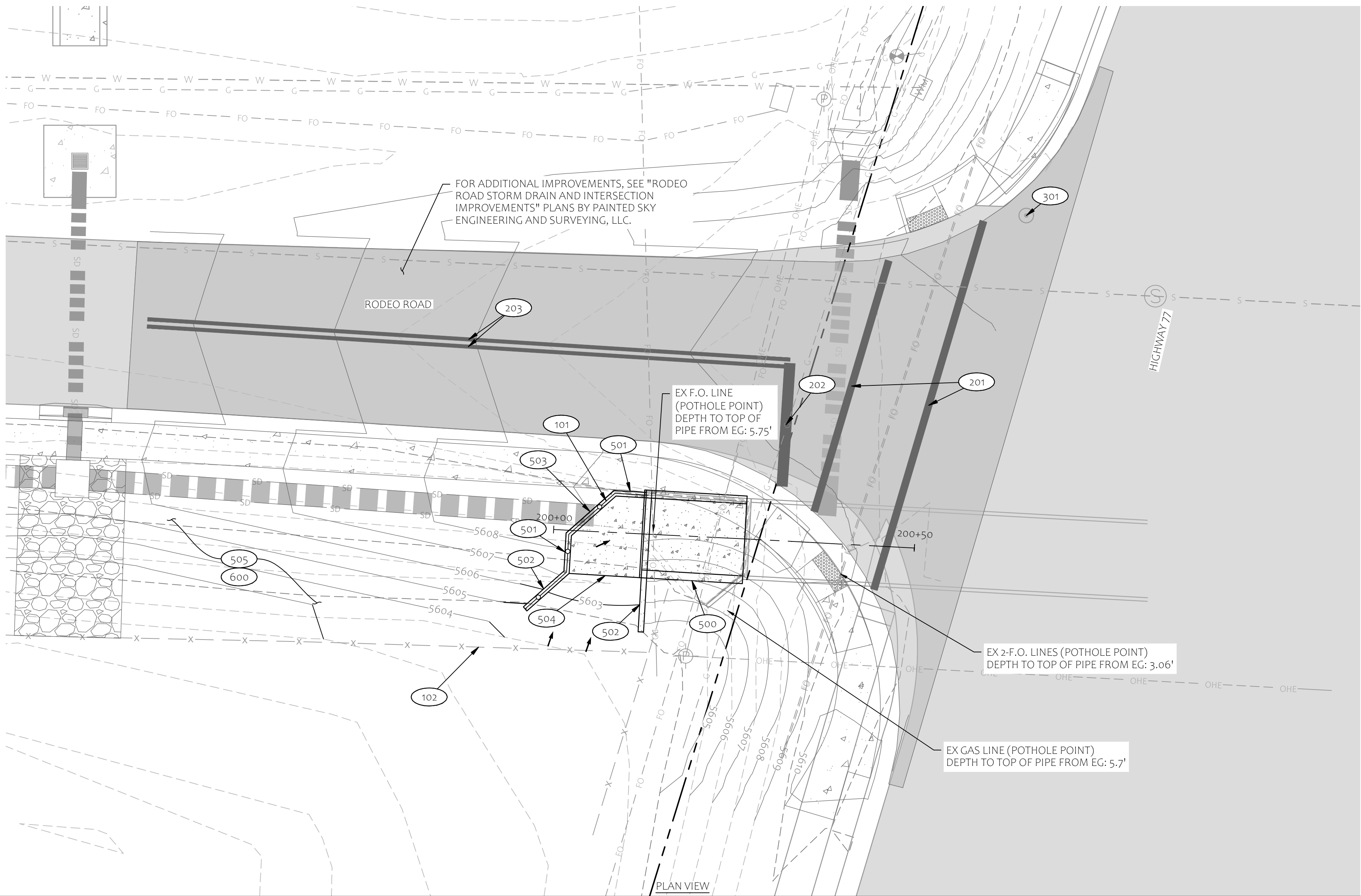
300 INSTALL PIPELINE ENCASEMENT PER M.A.G. STD DTL 404-3 AND DETAILS ON THIS SHEET.



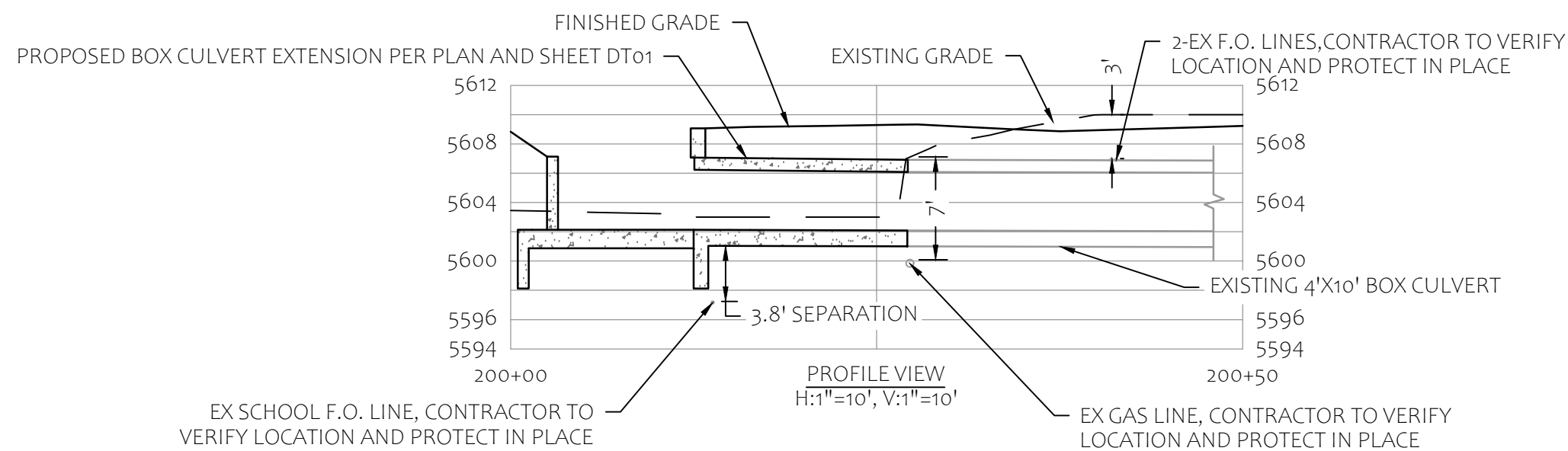
- NOTES:**
- 1) ALL UTILITIES SHOWN ARE TO BE PROTECTED IN PLACE.
 - 2) WATERLINE RELOCATION, ENCASEMENT, AND JOINT RESTRAINTS ARE **TO BE DONE BY OTHERS AND ARE PROVIDED FOR INFORMATION ONLY AND ARE NOT A CONSTRUCTION ITEM FOR THIS PROJECT.** FULL DETAILS OF THE WATERLINE CROSSING ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY.
 - 3) WORK ON THIS SHEET TO BE COMPLETED AS A PART OF THIS PROJECT INCLUDES INSTALLATION OF THE DUAL 24" H.D.P.E. PIPE AND ENCASEMENT OF THE DUAL 24" PIPE AS SPECIFIED ON THIS DETAIL SHEET.

		NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL AID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	OEa	06/19		MILEPOST		ARIZ.	0000 NA SNW	SNW-0(202)T	9	31	
	DRAWN	OEa	06/19		359.5							
	CHECKED	MGL	06/19		STRUCTURE NO.	LOCATION	RODEO RD, MAIN ST TO HILLSIDE DR					DWG NO.
	REMAL CONSULTING ENGINEERS 1924 N CENTER ST FLAGSTAFF, AZ 86004 (928) 419-4598			WATERLINE ENCASEMENT DETAILS	TRACS NO.		T0718 01C				9 OF 31	

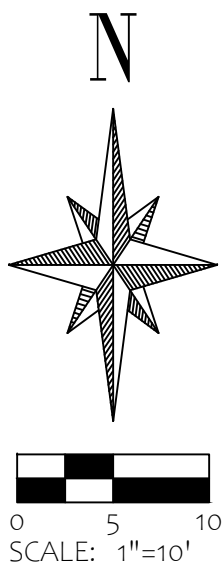
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- CONSTRUCTION NOTES**
- 101 INSTALL SAFETY RAIL PER M.A.G. DETAIL 145.
 - 102 REMOVE AND RECONSTRUCT WIRE FENCE, TYPE 2 PER A.D.O.T. STD DTL C-12.10.
 - 201 INSTALL 12" SOLID WHITE STRIPE PER A.D.O.T. DETAIL M-2.
 - 202 INSTALL 18" SOLID WHITE STRIPE PER A.D.O.T. DETAIL M-2.
 - 203 INSTALL 6" SOLID YELLOW STRIPE PER A.D.O.T. DETAIL M-2.
 - 301 ADJUST WATER VALVE PER M.A.G. STD DTL 270.
 - 500 INSTALL 4'X10' SINGLE BARREL BOX CULVERT EXTENSION PER DETAIL A AND C ON SHEET DT01 AND A.D.O.T. DETAIL SD 6.01.
 - 501 INSTALL LEVEL WINGWALL TYPE B PER DETAIL A ON SHEET DT01 AND A.D.O.T. DETAIL SD 6.10.
 - 502 INSTALL 2:1 WINGWALL PER DETAIL A ON SHEET DT01 AND A.D.O.T. DETAIL SD 6.08.
 - 503 INSTALL PIPE OUTLET WALL PER DETAIL A ON SHEET DT01 AND A.D.O.T. DETAIL SD 6.30.
 - 504 INSTALL APRON PER DETAIL A ON SHEET DT01 AND A.D.O.T. DETAIL SD 6.30.
 - 505 GRADING PER A.D.O.T. SPEC 203.
 - 600 SEED ALL DISTURBED SOILS PER THE SPECIAL PROVISIONS.



NOTES:
1) ALL UTILITIES SHOWN ARE TO BE PROTECTED IN PLACE.



	NAME	DATE
DESIGN	OEA	06/19
DRAWN	OEA	06/19
CHECKED	MGL	06/19
REMAL CONSULTING ENGINEERS 1924 N CENTER ST FLAGSTAFF, AZ 86004 (928) 419-4588		

ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES	
BOX CULVERT PLAN SHEET SUPPLEMENTAL INFORMATION	

ROUTE SR 77	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 0000 NA SNW	FEDERAL AID NO. SNW-0(202)T	SHEET NO. 11	TOTAL SHEETS 31	RECORD DRAWING
MILEPOST 359.5	LOCATION RODEO RD, MAIN ST TO HILLSIDE DR						DWG NO. S101
STRUCTURE NO.	TRACS NO. T0718 01C					11 OF 31	

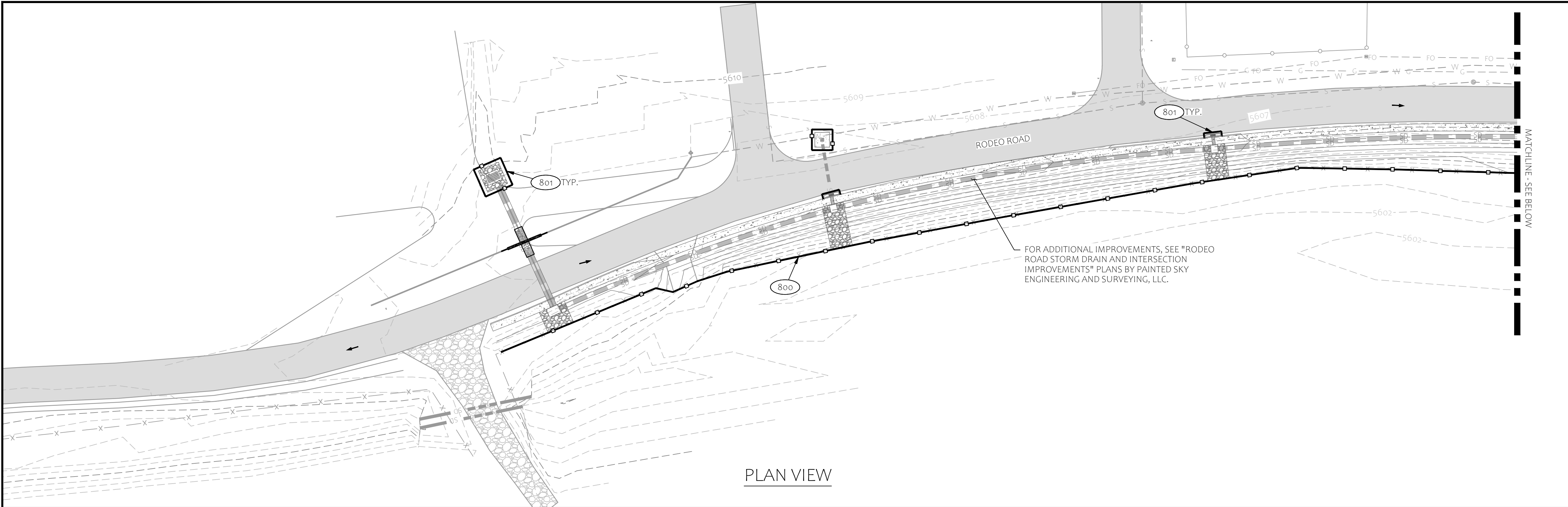


- A. SEDIMENT WATTLIES AND OTHER TEMPORARY SEDIMENT BARRIERS WILL BE INSPECTED REGULARLY FOR UNDERMINING OR DETERIORATION. ALL ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES HALF WAY TO THE TOP OF THE BARRIER.
- B. SEDIMENT AND SODDED AREAS WILL BE INSPECTED REGULARLY TO ENSURE THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE FERTILIZED AND RESEEDED OR SODDED AS NEEDED.
- C. STREAM DIVERSION AND STORM CONVEYANCE CHANNELS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL TO ENSURE THEY ARE FUNCTIONING PROPERLY AND THAT THE INTEGRITY OF THE LININGS ARE NOT IMPAIRED. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF EROSION CONTROL DEVICES MUST BE MADE IMMEDIATELY AFTER THE INSPECTION.
- D. GRAVEL OUTLETS WILL BE CHECKED REGULARLY FOR SEDIMENT BUILDUP WHICH WILL PREVENT DRAINAGE. IF THE GRAVEL IS CLOGGED BY SEDIMENT, IT SHALL BE REMOVED AND CLEANED OR REPLACED.
12. THE CONTRACTOR/OPERATOR IS RESPONSIBLE FOR MAINTAINING AND UPDATING THE "SWPPP COMPLIANCE INSPECTION REPORT & CHECKLIST" THROUGHOUT THE LIFE OF THE PROJECT. A COPY OF THE REPORT SHALL BE MAINTAINED ON SITE AND MADE AVAILABLE FOR REVIEW. IT IS WITHIN THE CONTRACTOR/SOPERATOR'S RESPONSIBILITY TO BE AWARE OF ALL ITEMS WITHIN THE "SWPPP COMPLIANCE INSPECTION REPORT & CHECKLIST" AND DOCUMENT ALL INSPECTIONS AND FINDINGS IN THIS REPORT.
13. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING INSPECTION RECORDS FOR AT LEAST 3 YEARS FOLLOWING THE COMPLETION OF PROJECT.
14. ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 CALENDAR DAYS AFTER ADEQUATE SITE STABILIZATION AND AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, AS AUTHORIZED BY THE INSPECTORS. CONTRACTOR SHALL REMOVE AND DISPOSE OF SEDIMENT LOGS, STAKES, TRAPPED SEDIMENT AND/OR FILL IN A SHALLOW TRENCH CREATED BY SEDIMENT LOGS.
15. THE SWPPP SHALL BE MODIFIED BY THE CONTRACTOR WITHIN 7 CALENDAR DAYS FOLLOWING AN INSPECTION THAT DISCOVERS AN INADEQUATE BMP. BMP'S SHALL BE MODIFIED OR ADDED AS SOON AS PRACTICABLE, BUT NO LONGER THAN THE NEXT STORM EVENT.
16. PERMANENT SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN 7 CALENDAR DAYS AFTER FINAL GRADE IS REACHED AND ALL WORK COMPLETED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN 7 CALENDAR DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN UNDISTURBED FOR LONGER THAN 4 CALENDAR DAYS. ROADS AND PARKING AREAS SHALL BE STABILIZED AS SOON AS PRECIPITATION OR IRRIGATION IS AVAILABLE.
17. THE CONTRACTOR SHALL REPAIR ANY DAMAGED EROSION CONTROL MEASURE WITHIN 48 HOURS FROM WHEN THE DAMAGE OCCURRED.
18. SEDIMENT LOSS OR OTHER PERIMETER CONTROLS SHALL BE INSTALLED PRIOR TO START OF CONSTRUCTION.
19. LOCATING SEDIMENT LOG PERIMETER CONTROL DEPICTED HEREIN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD LOCATING EROSION PROTECTION MEASURES AS SHOWN AND PROVIDING ADDITIONAL MEASURES AS DEEMED NECESSARY IN THE FIELD.
20. EROSION CONTROL BMP'S MUST BE INSTALLED BEFORE ANY GROUND BREAKING ACTIVITIES AND MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
21. AREAS WHICH ARE NOT TO BE DISTURBED WILL BE CLEARLY MARKED BY FLAGS, SIGNS, ETC.
22. ORANGE SAFETY FENCE MUST BE INSTALLED AROUND ALL SILT TRAPS AND SEDIMENT BASINS.
23. SEDIMENT SCHEDULING SHALL BE IN ACCORDANCE WITH THE STANDARDS.
24. THE SWPPP SHALL BE MODIFIED BY THE CONTRACTOR WITHIN 15 BUSINESS DAYS FOLLOWING ANY CHANGE IN DESIGN, CONSTRUCTION OPERATION, OR MAINTENANCE THAT HAS A SIGNIFICANT EFFECT ON DISCHARGE OR NOT PREVIOUSLY ASSESSED IN THE SWPPP.
25. THE SWPPP SHALL BE MODIFIED BY THE CONTRACTOR WITHIN 15 BUSINESS DAYS IF IT IS DETERMINED THAT DISCHARGE IS CAUSING OR CONTRIBUTING TO WATER QUALITY EXCEEDENCES OR THE SWPPP IS INEFFECTIVE.
26. A STAFF REVIEW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES OR TO REPAIR ANY DAMAGED EROSION CONTROL MEASURES, ESPECIALLY WHEN RAIN IS IMMINENT.

NOTES:

1) EROSION CONTROL MEASURES, DETAILS, AND NOTES PROVIDED ARE NOT TO BE CONSIDERED AN ADEQ SWPPP. A SWPPP REPORT AND PLAN ARE TO BE PREPARED BY OTHERS PER THE CONTRACTOR'S DISCRETION.

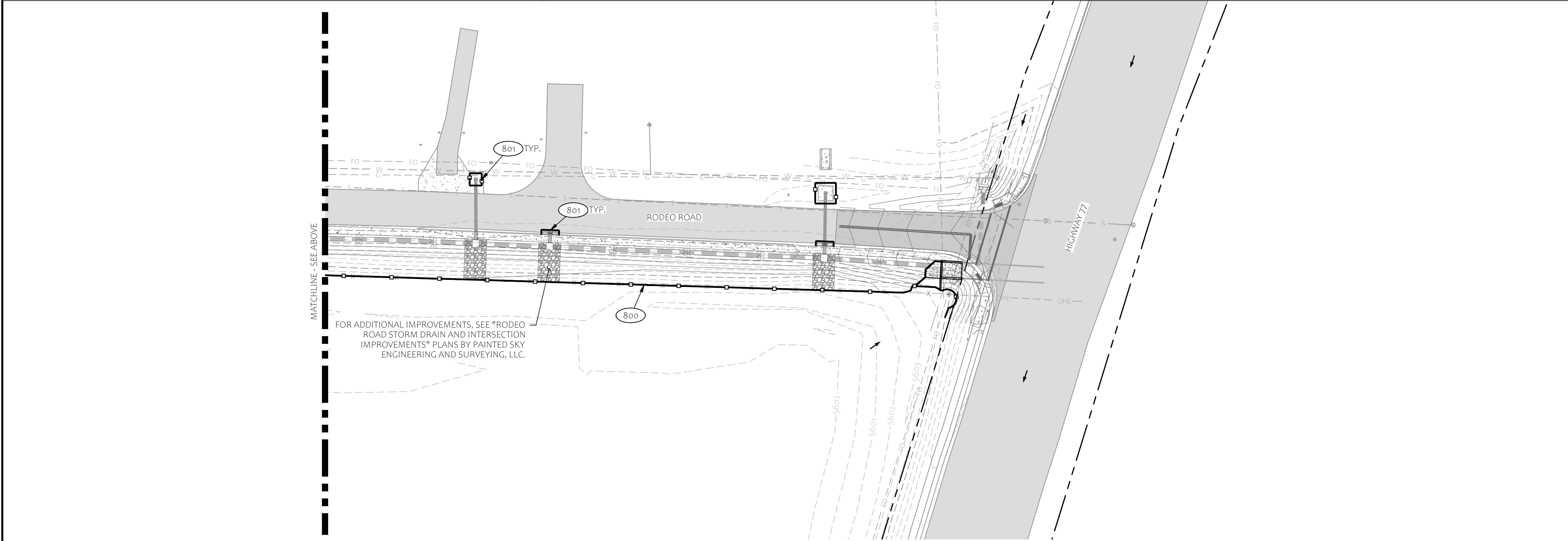
12 OF 31



PLAN VIEW

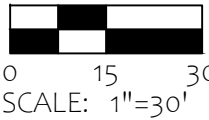
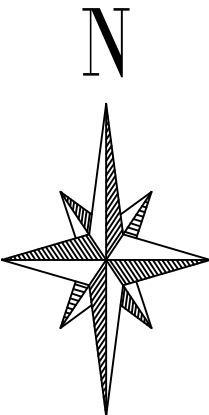
CONSTRUCTION NOTES

- 800 CONSTRUCT EROSION CONTROL WATTLES PER A.D.O.T. DETAIL ES3 ON SHEET EC02.
- 801 INSTALL EROSION CONTROL SEDIMENT LOGS PER A.D.O.T. DETAIL ES1 ON SHEET EC02.



PLAN VIEW

NOTES:
1) EROSION CONTROL MEASURES, DETAILS, AND NOTES PROVIDED ARE NOT TO BE CONSIDERED AN ADEQ SWPPP. A SWPPP REPORT AND PLAN ARE TO BE PREPARED BY OTHERS PER THE CONTRACTOR'S DISCRETION.



	NAME		DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES		ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL AID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	OEA	06/19			SR 77		ARIZ.	0000 NA SNW	SNW-0(202)T	13	31	
	DRAWN	OEA	06/19			MILEPOST							
	CHECKED	MGL	06/19	EROSION CONTROL PLAN SHEET		STRUCTURE NO.	LOCATION		RODEO RD, MAIN ST TO HILLSIDE DR		DWG NO. EC03		
				REMAL CONSULTING ENGINEERS 1924 N CENTER ST FLAGSTAFF, AZ 86004 (928) 419-4588		TRACS NO. T0718 01C				13 OF 31			

TRAFFIC CONTROL NOTES

1. TRAFFIC CONTROL PLANS ARE TO BE PREPARED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.), 2023 EDITION, THE ARIZONA SUPPLEMENT TO THE M.U.T.C.D., AND A.D.O.T. TEMPORARY TRAFFIC CONTROL DESIGN GUIDELINES (T.C.D.G.), 2025.
2. ADJUSTMENTS TO THE TRAFFIC CONTROL PLANS AND REQUIREMENTS MAY BE NECESSARY DUE TO THE VARIATIONS IN CONSTRUCTION ACTIVITIES, AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE DEPARTMENT.
3. ALL EXISTING SIGNS IN CONFLICT WITH THE CONSTRUCTION SIGNS SHALL BE REMOVED, RELOCATED, OR COMPLETELY 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.
4. ALL CONSTRUCTION SIGNS SHALL HAVE BLACK FLUORESCENT LETTERS ON AN ORANGE BACKGROUND, EXCEPT AS OTHERWISE NOTED. THE RETROREFLECTIVE SHEETING ON ALL CONSTRUCTION SIGNS SHALL MEET CRITERIA ESTABLISHED IN SECTION 1007 OF A.D.O.T. STANDARD SPECIFICATIONS.
5. BARRICADES AND OTHER DEVICES SHALL HAVE SANDBAGS PLACED ON THEIR BASES, AS APPROPRIATE TO PREVENT FROM BEING KNOCKED OR BLOWN OVER. THE COST OF FURNISHING, PLACING, AND REMOVING OF THE SAND BAGS WILL BE CONSIDERED AS INCLUDED IN THE PRICE OF THE CONTRACT BID ITEMS.
6. ALL SIGNS SHOWN ON THE PLANS SHALL BE MOUNTED ON SPRING STANDS, RIGID STANDS, OR AS DIRECTED BY THE ENGINEER. ALL SHORT-TERM SIGNS MAY BE INSTALLED ON SPRING STANDS OR RIGID STANDS AT THE HEIGHT RECOMMENDED BY THE MANUFACTURER.
7. FLAGS SHALL BE MOUNTED ON TOP OF ALL CONSTRUCTION SIGNS EXCEPT THE "END ROAD WORK THANK YOU" SIGN. TYPE A FLASHING WARNING LIGHTS SHALL BE REQUIRED ON ALL NIGHTTIME CONSTRUCTION SIGNS EXCEPT THE "END ROAD WORK THANK YOU" SIGN. TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHT AND TYPE "C" STEADY-BURNING WARNING SHALL BE MAINTAINED SO AS TO BE CAPABLE OF BEING VISIBLE ON A CLEAR NIGHT FROM 3,000 FEET. WARNING LIGHTS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 6L.07 OF THE M.U.T.C.D., 2023.
8. CHANNELIZING DEVICES SHALL BE VERTICAL PANELS AS NOTED ON THE PLANS. CHANNELIZING DEVICES SHALL BE PLACED 20 FEET ON CENTER ON TAPERS AND 40 FEET ON CENTER IN TANGENTS, EXCEPT AS OTHERWISE APPROVED BY THE ENGINEER. FOR NIGHTTIME WORK, TYPE C WARNING LIGHTS SHALL BE REQUIRED ON TOP OF ALL CHANNELIZING DEVICES.
9. CONSTRUCTION SIGNS SHALL NOT BE DISPLAYED TO TRAFFIC MORE THAN 24 HOURS PRIOR TO THE ACTUAL START OF CONSTRUCTION. THESE SIGNS MAY BE INSTALLED SOONER BUT THEY MUST BE COMPLETELY COVERED OR TURNED AWAY FROM TRAFFIC. THE COST FOR COMPLETELY COVERING OR TURNING THEM SHALL BE CONSIDERED PART OF THE SIGN INSTALLATION COST. NO FURTHER COMPENSATION WILL BE MADE. THESE SIGNS SHALL BE REMOVED WITHIN 24 HOURS AFTER THE COMPLETION OF CONSTRUCTION ACTIVITIES.
10. SPEED LIMIT SIGNING THROUGH THE WORK ZONE SHALL BE PER THE TRAFFIC CONTROL PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER AS DICTATED BY THE FIELD CONDITIONS. WHERE NO CLOSURE IS NECESSARY BUT WHERE THERE IS CONSTRUCTION ALONGSIDE A ROADWAY UNDER CONSTRUCTION, THE CONTRACTOR SHALL PLACE A 36 X 36 INCH "ROAD WORK AHEAD" AND "SHOULDER WORK AHEAD" SIGN AS DIRECTED BY THE ENGINEER TO ALERT THE PUBLIC TO THE CONSTRUCTION ACTIVITIES.
11. THE CONTRACTOR MAY SUBSTITUTE TYPE I BARRICADES FOR TYPE II BARRICADES 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.
12. FOR TEMPORARY CONCRETE BARRIER MARKERS, SEE A.D.O.T. STANDARD DRAWING M-32 BARRIER MARKERS. MARKERS SHALL BE INSTALLED AT 20 FEET SPACING. THE INSTALLED PRICE FOR THE MARKERS SHALL BE CONSIDERED PART OF THE BARRIER COST.
13. THE CONTRACTOR SHALL PROVIDE FLAGGER AND UNIFORMED POLICE OFFICERS AS DIRECTED BY THE ENGINEER DURING INSTALLATION AND REMOVAL OF TEMPORARY CONCRETE BARRIER.
14. WHEN TRAFFIC CONTROL DEVICES ARE NOT IN USE, THEY SHALL BE MOVED AT LEAST 30 FEET FROM THE ROADWAY. ALL TRAFFIC CONTROL SIGNS NOT IN USE SHALL BE COMPLETELY COVERED OR TURNED AWAY FROM TRAFFIC.
15. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC AT NIGHT, ON WEEKENDS, ON HOLIDAYS, AND AS DIRECTED BY THE ENGINEER.
16. ALL DRAWINGS ARE SCHEMATIC ONLY AND NOT TO SCALE.
17. HOURS OF RESTRICTIONS ALLOWED MONDAY THROUGH THURSDAY BETWEEN 7:00 AM AND 5:00 PM OR AS APPROVED BY THE ENGINEER. NO RESTRICTIONS ALLOWED ON STATE HOLIDAYS AND SPECIAL EVENTS.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EMERGENCY VEHICLE ACCESS AT ALL TIMES.
19. THE CONTRACTOR SHALL PRESERVE ALL ROAD SIGNS, SIGN SUPPORTS, OBJECT MARKERS, AND MILE POST MARKERS THAT ARE NOT TO BE REMOVED. THE CONTRACTOR SHALL REPLACE ANY SIGNS, SIGN SUPPORTS, AND MARKERS DAMAGED AS A RESULT OF THE CONSTRUCTION AT NO ADDITIONAL COST TO THE DEPARTMENT.
20. THE CONTRACTOR SHALL PLACE CHANGEABLE MESSAGE BOARDS (CMB) SEVEN CALENDAR DAYS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES, AND FOR THE DURATION OF THE CONSTRUCTION TO ALERT TRAFFIC OF THE UPCOMING ROAD RESTRICTIONS. THE MESSAGE TO BE DISPLAYED SHALL BE APPROPRIATE FOR EACH ACTIVITY AND SHALL BE APPROVED BY THE ENGINEER. THE CMB SHOULD BE VISIBLE FROM 1/2 MILE UNDER BOTH DAY AND NIGHT CONDITIONS. THE MESSAGE SHOULD BE DESIGNED TO BE LEGIBLE FROM A MINIMUM DISTANCE OF 600 FEET FOR NIGHTTIME CONDITIONS AND 800 FEET FOR NORMAL DAYLIGHT CONDITIONS. CMB SHALL BE OFFSET TO A MINIMUM OF 8 FEET FROM THE NEAREST TRAFFIC LANE, OR 6 FEET IF LOCATED BEHIND TEMPORARY CONCRETE BARRIERS. FOR EACH CMB USED ON THE PROJECT BUT NOT LOCATED BEHIND GUARDRAIL IN A PROTECTED LOCATION, THE CONTRACTOR SHALL POSITION TEN BARRICADES TYPE 2 AROUND THE CMB. EACH BARRICADE SHALL BE WITH AN AFFIXED TYPE C STEADY-BURNING LIGHT. NO MORE THAN TWO MESSAGES' DISPLAY SHOULD BE USED WITHIN ANY MESSAGE CYCLE. EACH MESSAGE SHOULD CONVEY A SINGLE THOUGHT AND SHOULD BE AS BRIEF AS POSSIBLE. THE FLASH RATE SHOULD ALLOW THE ENTIRE MESSAGE CYCLE TO BE READ AT LEAST TWICE AT THE POSTED SPEED LIMIT. MESSAGES' DISPLAY SHALL CONSIST OF NO MORE THAN THREE LINES OF TEXT AND NO MORE THAN EIGHT CHARACTERS PER LINE. CMB SHALL CONFORM TO THE REQUIREMENTS OF SECTION 2L.01 THROUGH 2L.08 OF THE M.U.T.C.D., 2023, AND TO THE A.D.O.T. TEMPORARY TRAFFIC CONTROL DESIGN GUIDELINES, 2025.
21. IF STRIPE OBLITERATION IS NECESSARY, IT SHALL BE ACCOMPLISHED BY APPROVED METHODS AS INDICATED IN THE STANDARD SPECIFICATIONS. PAINTING OVER STRIPES, REMOVAL OF PAVEMENT, AND OVERLAYING PAVEMENT DO NOT CONSTITUTE STRIPE OBLITERATION.

22. EXISTING SIGNS NOT INDICATED ON THE PLANS THAT DO NOT NEED TO BE REMOVED OR RELOCATED, SHALL REMAIN. IF CONSTRUCTION ACTIVITIES REQUIRE THE REMOVAL OF SIGNS, THE SIGNS SHALL BE REINSTALLED AS NEAR AS POSSIBLE TO THE EXISTING LOCATION AS DIRECTED BY THE ENGINEER. NO MEASUREMENT OR PAYMENT WILL BE MADE FOR THE REMOVAL/REINSTALLATION OF SIGNS FOR ANY CONSTRUCTION ACTIVITIES, THE COST BEING CONSIDERED AS INCLUDED IN THE CONTRACT BID ITEMS.
23. M.U.T.C.D. COMPLIANT TRAFFIC CONES (INSTEAD OF VERTICAL PANELS) WILL BE ALLOWED AT THE DISCRETION OF THE ENGINEER.

MAINTENANCE OF TRAFFIC			
ACTIVITY #	CONSTRUCTION ACTIVITY	TRAFFIC CONTROL	COMMENTS
1	CONSTRUCT HIGHWAY 77 EDGE IMPROVEMENTS	TRAFFIC CONTROL PER A.D.O.T. TRAFFIC CONTROL DESIGN GUIDLINES FIGURE 5A-5(R)	MAINTAIN EXISTING TRAVEL LANES ON HIGHWAY 77 IN THEIR CURRENT CONFIGURATION.
2	CONSTRUCT RODEO ROAD IMPROVEMENTS	TRAFFIC CONTROL PER M.U.T.C.D. FIGURE 6P-10	

ESTIMATED QUANTITIES FOR TRAFFIC CONTROL						
ITEM NO.	ITEM DESCRIPTION	UNIT	ACTIVITY ONE (100 WORKING DAYS)	ACTIVITY TWO (120 WORKING DAYS)	TOTAL	COMMENTS
	TEMPORARY BARRICADE (TYPE II)	EACH-DAY	2400	3000	5400	FOR INFORMATION ONLY
	PORTABLE SIGN STANDS (RIGID)	EACH-DAY	300	200	500	FOR INFORMATION ONLY
	PORTABLE SIGN STANDS (SPRING TYPE)	EACH-DAY	300	200	500	FOR INFORMATION ONLY
	WARNING LIGHT (TYPE C)	EACH-DAY	2400	3000	5400	FOR INFORMATION ONLY
	EMBEDDED SIGN POST	EACH-DAY	300	200	500	FOR INFORMATION ONLY
	TEMPORARY SIGN (LESS THAN 10 S.F.)	EACH-DAY	900	600	1500	FOR INFORMATION ONLY
	FLASHING ARROW PANEL	EACH-DAY	120	0	120	FOR INFORMATION ONLY
7016067	CHANGEABLE MESSAGE BOARD	EACH-DAY	200	0	200	
7016075	FLAGGING SERVICES (CIVILIAN)	EACH-DAY	0	200	200	

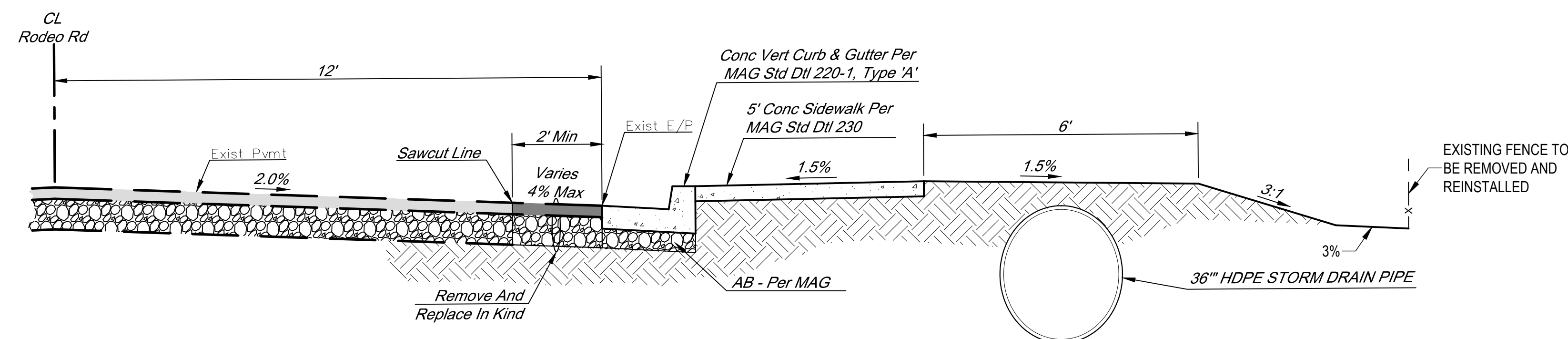
NOTES:
1) TRAFFIC CONTROL MEASURES, DETAILS, AND NOTES PROVIDED ARE NOT TO BE CONSIDERED A COMPLETE TRAFFIC CONTROL PLAN. A TRAFFIC CONTROL PLAN IS TO BE PREPARED BY OTHERS PER THE CONTRACTOR'S DISCRETION.



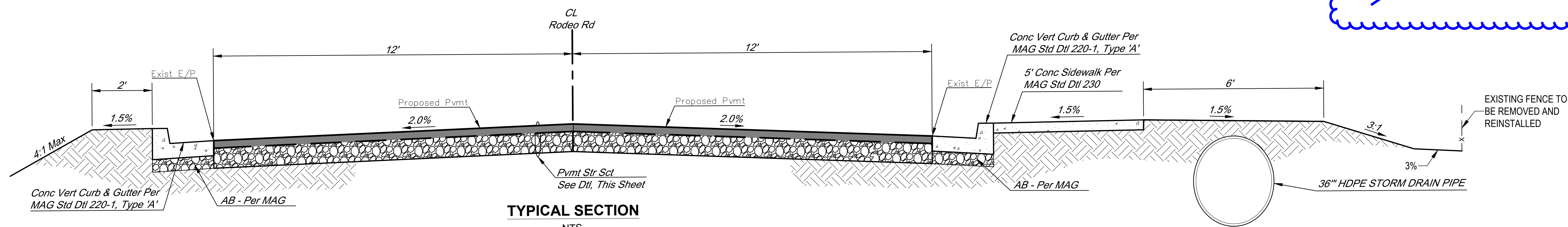
	NAME	DATE
DESIGN	OEA	06/19
DRAWN	OEA	06/19
CHECKED	MGL	06/19

REMAL CONSULTING ENGINEERS
1924 N CENTER ST
FLAGSTAFF, AZ 86004
(928) 419-4588

ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES		ROUTE SR 77	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL AID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	
		MILEPOST 359.5			0000 NA SNW	SNW-0(202)T	14	31		
TRAFFIC CONTROL NOTES & QUANTITIES		STRUCTURE NO.	LOCATION RODEO RD, MAIN ST TO HILLSIDE DR				DWG NO. TC01			
			TRACS NO.	T0718 01C	 Infrastructure Delivery and Operations			____ OF ____		

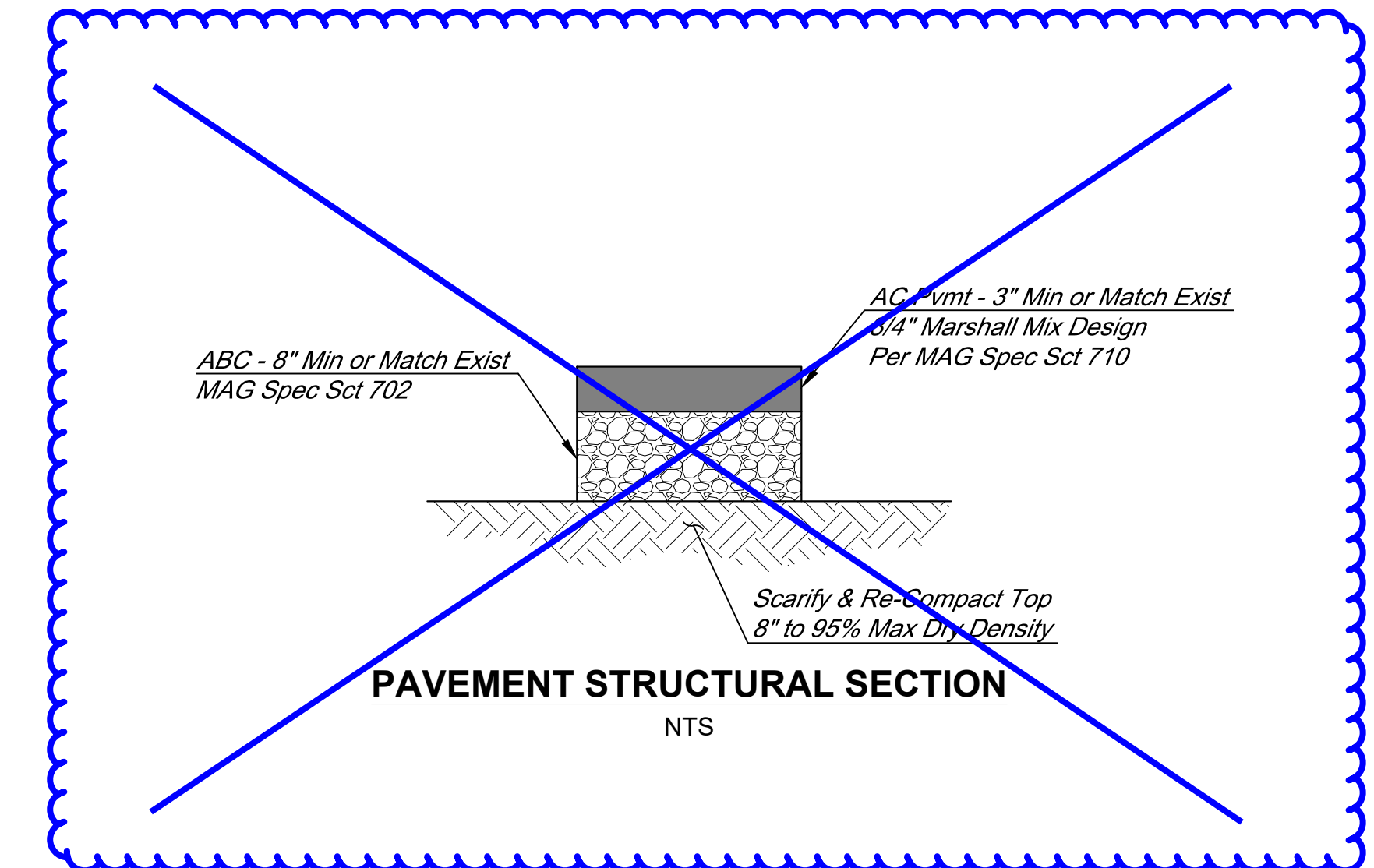


TYPICAL SECTION
NTS
RODEO ROAD TYPICAL SECTION
STA 10+32.00 TO STA 20+95.26



TYPICAL SECTION
NTS
RODEO ROAD TYPICAL SECTION
STA 20+95.26 TO STA 22+13.91

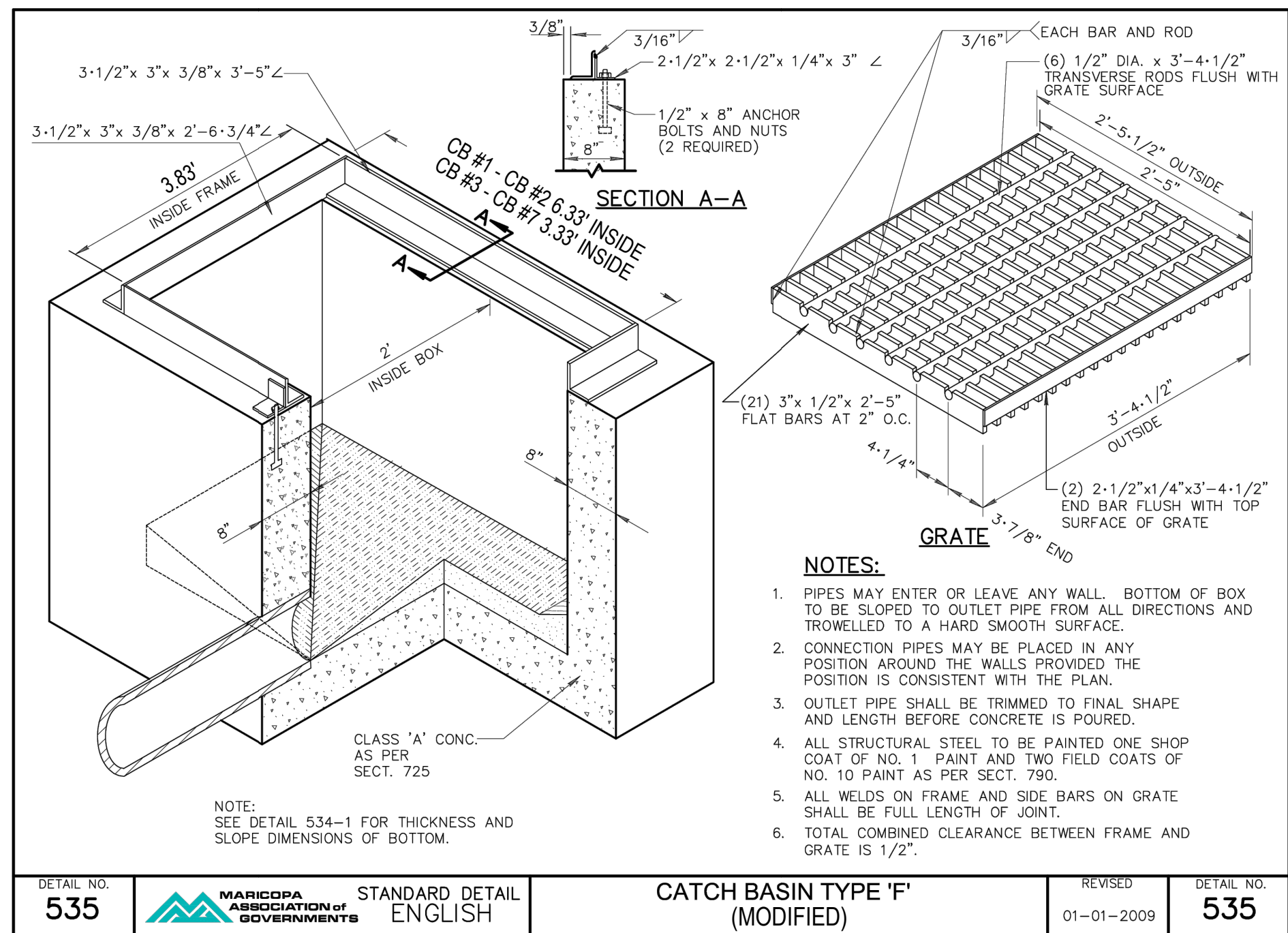
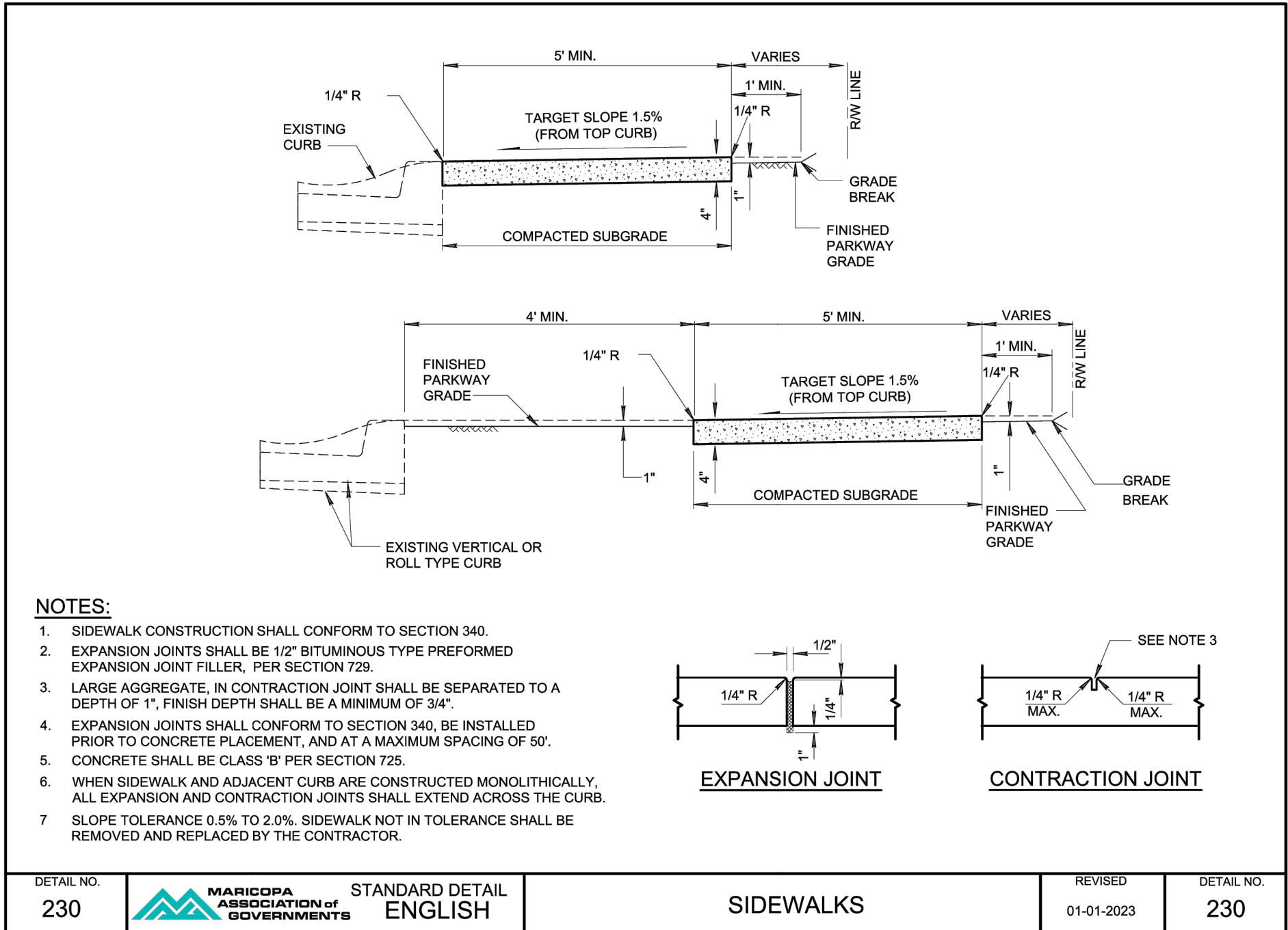
SEE SHEET DT01 ON THE REMAL CONSULTING PLANS FOR STRUCTURAL SECTION INFORMATION.

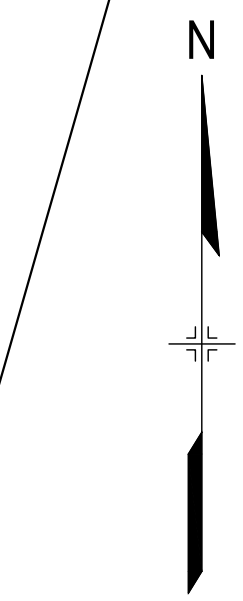
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RODEO ROAD
TYPICAL SECTIONS

Project No.:	27654-23010
Designed By:	VF
Drawn By:	VF
Checked By:	DLB

DT03



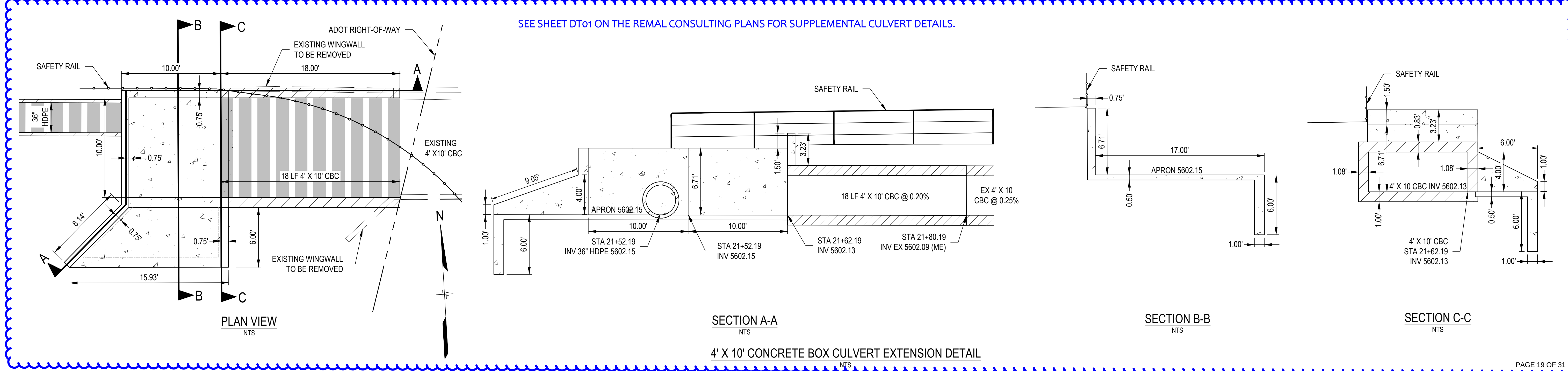
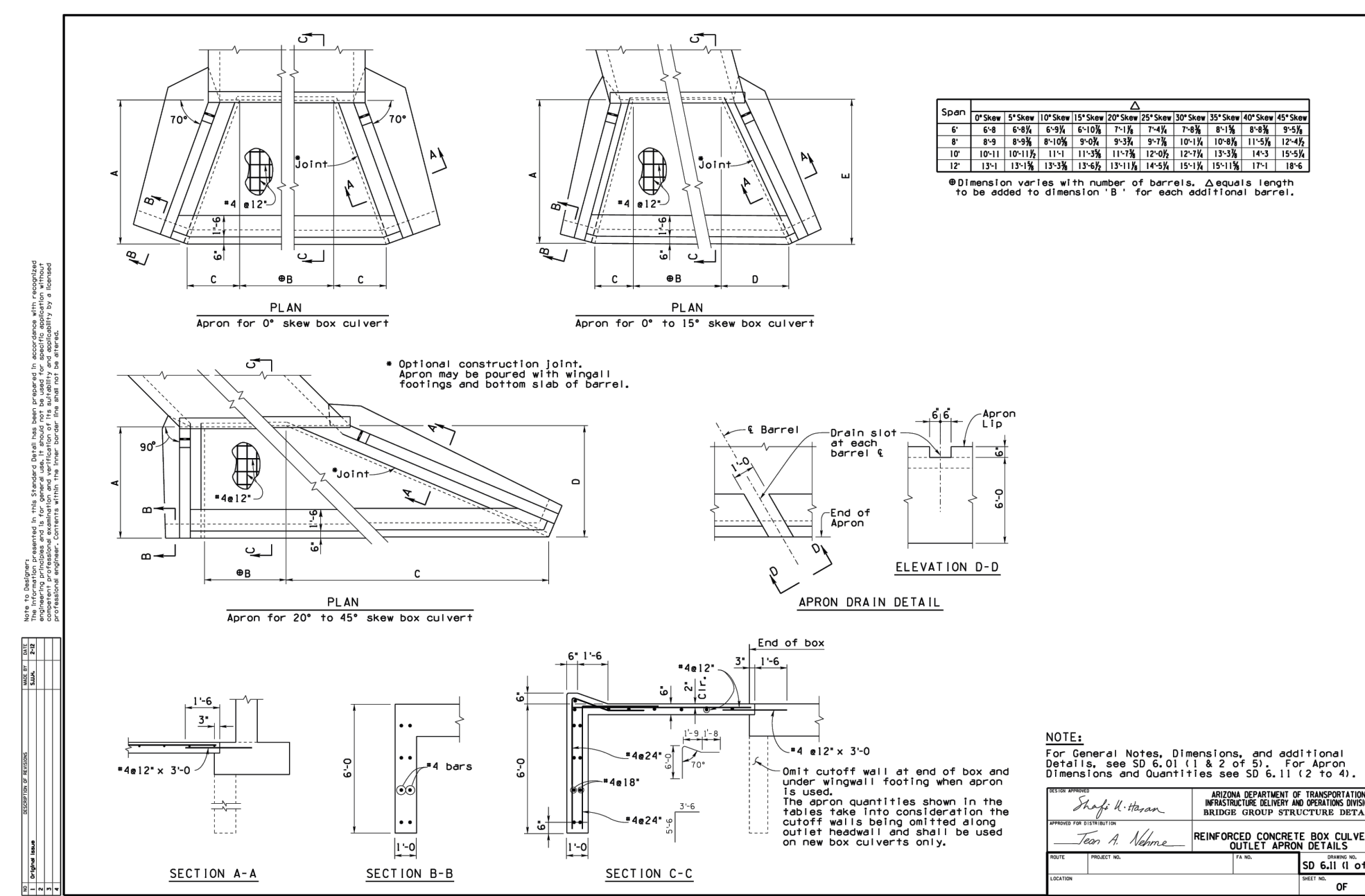
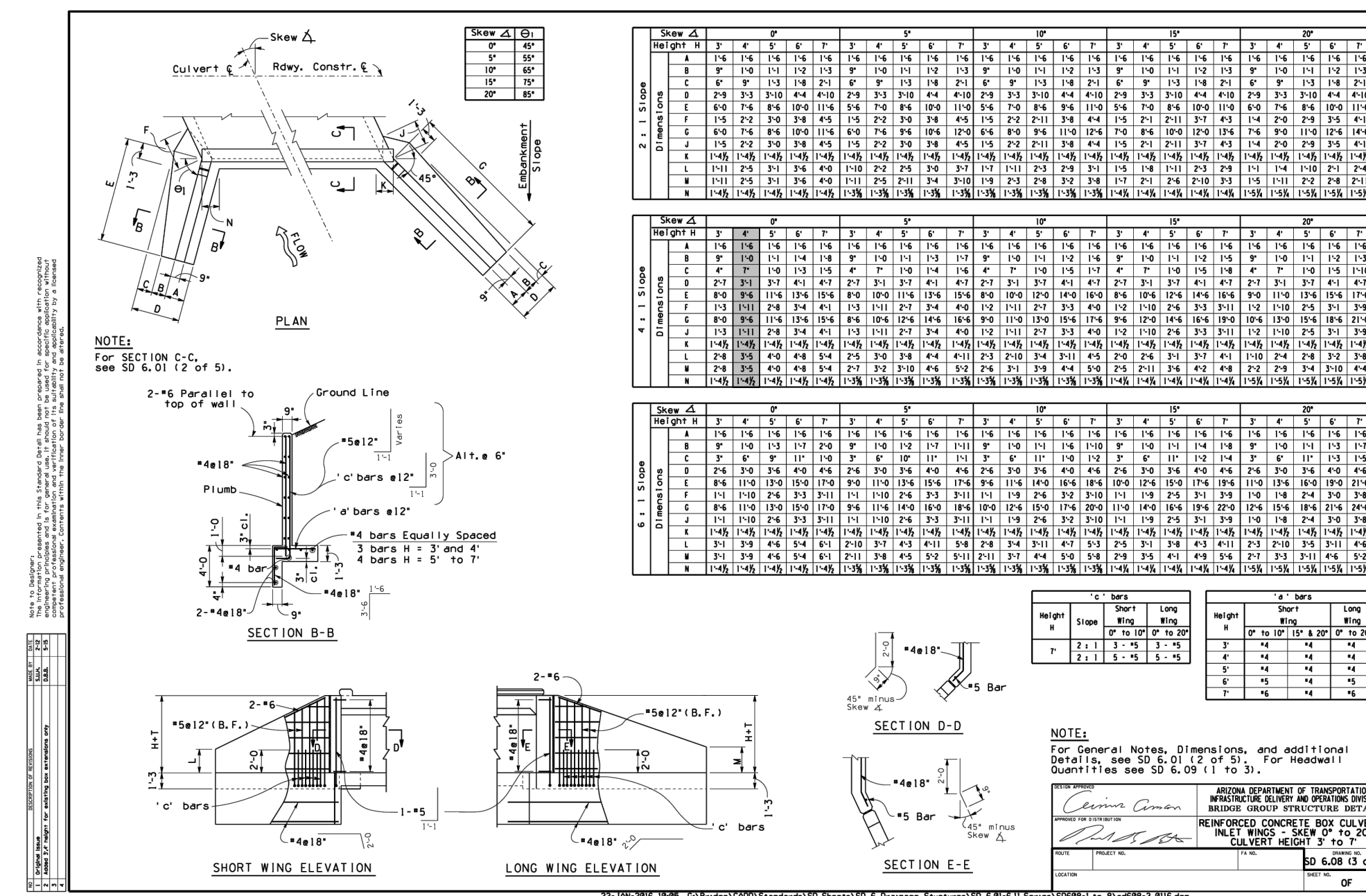
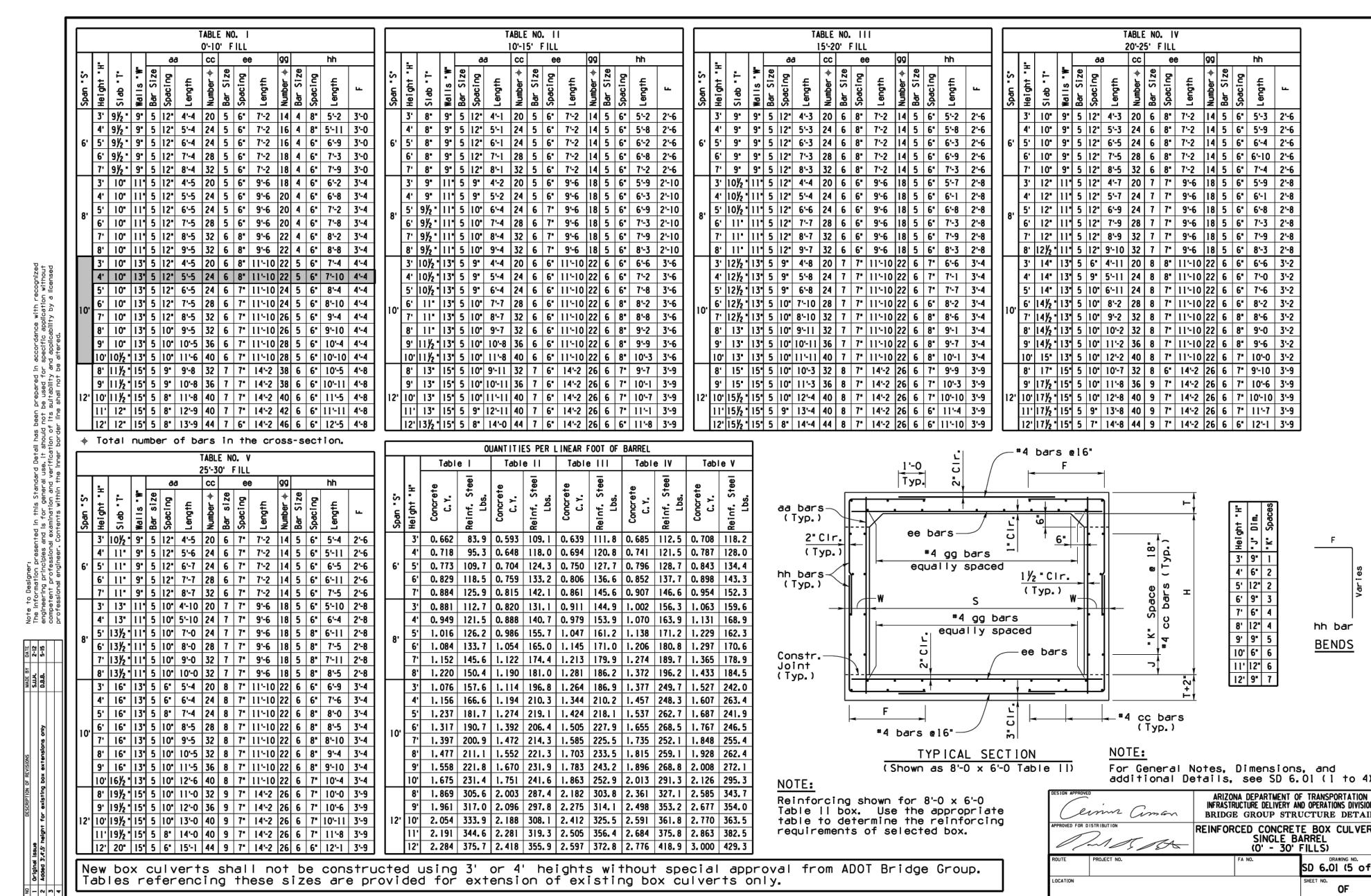
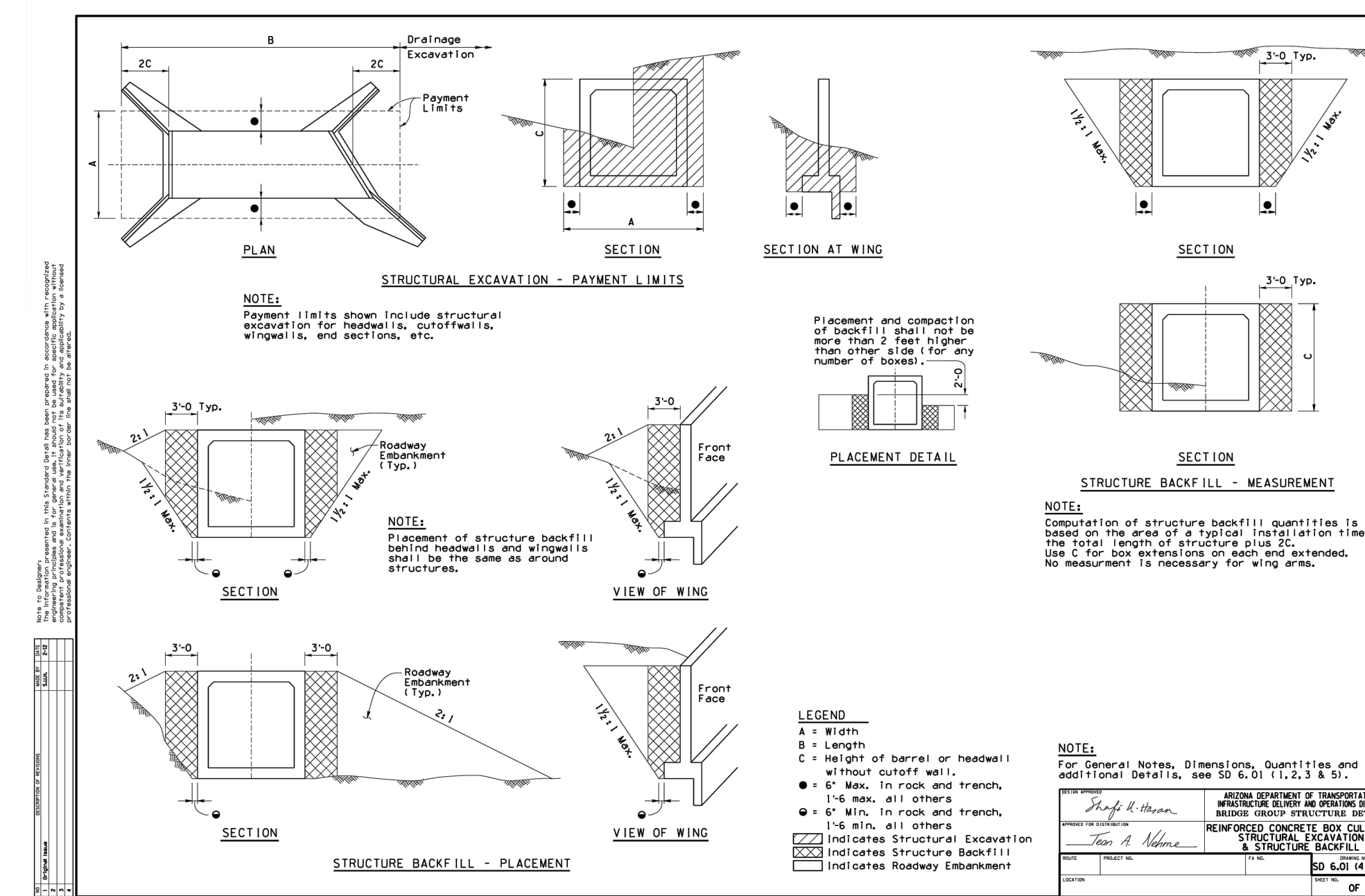
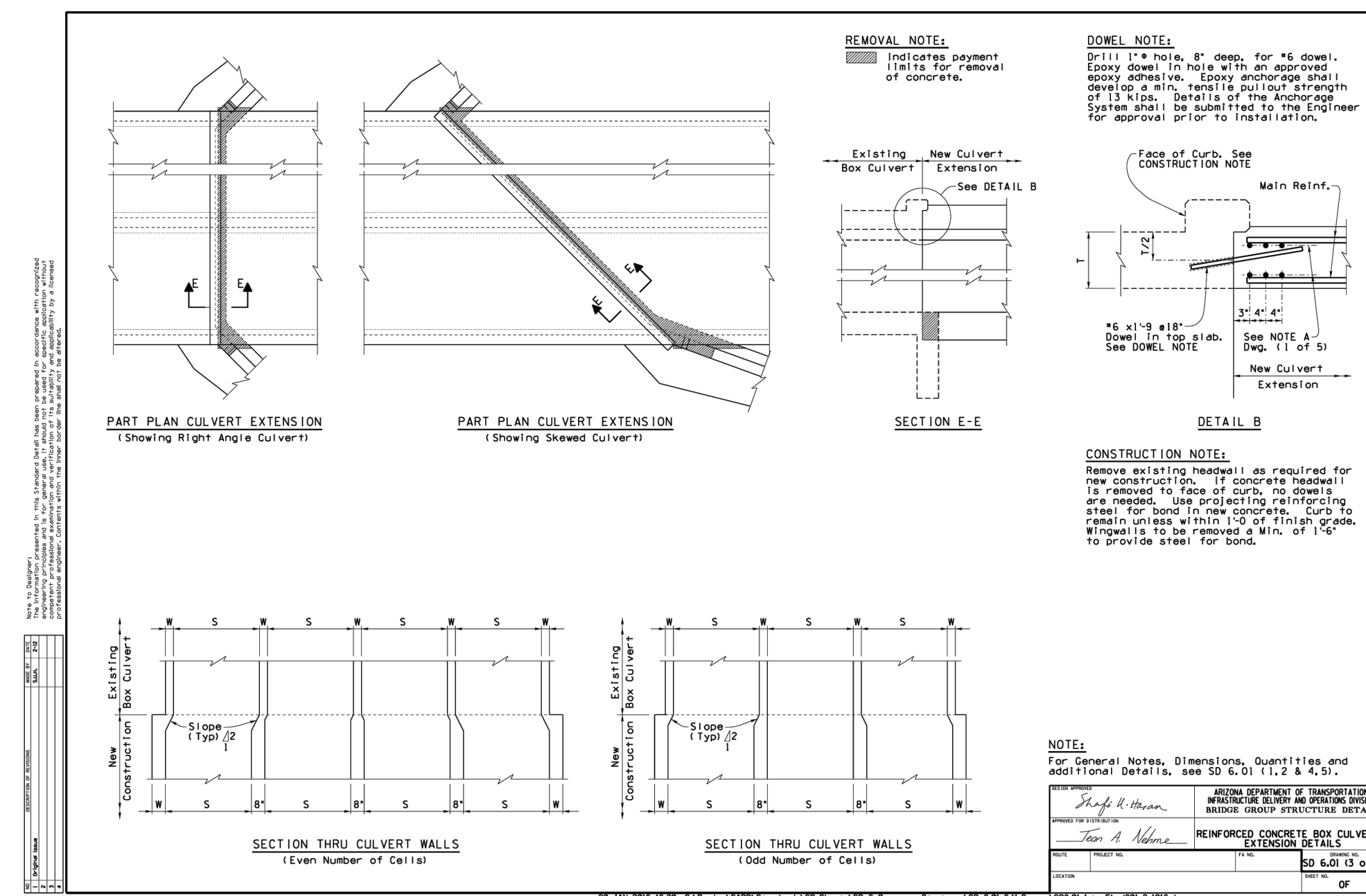
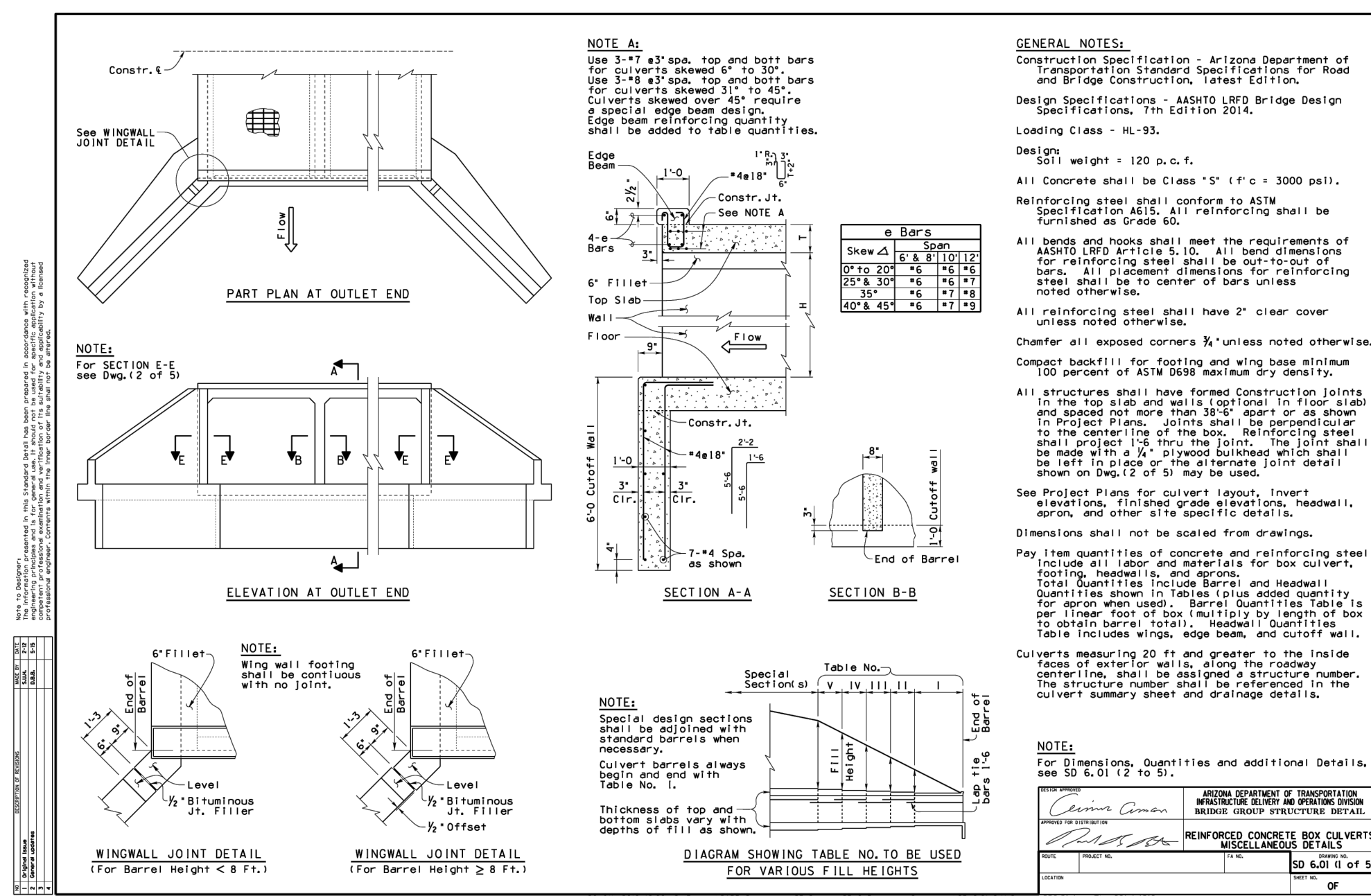


RODEO ROAD - MAIN STREET/SR 77

RODEO ROAD

ADOT RETURN DETAILS

DT05



REMARKS

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

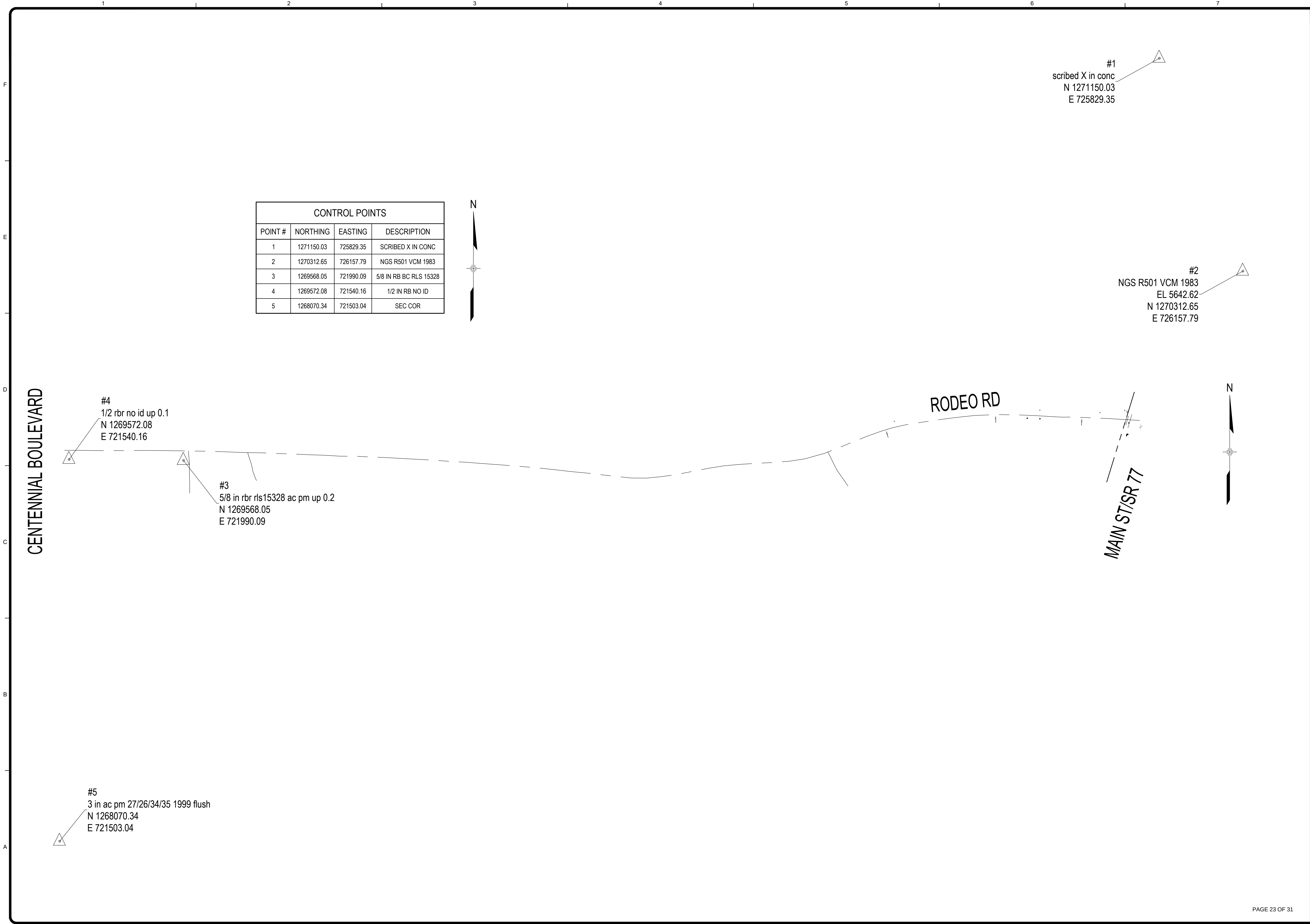
☒ PIPE CORRUGATION			
A	2½x½	D	6x2
B	3x1	E	3x1 or 9x2½
C	9x2½		

		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 DRAWN											
	CHECKED											
	TEAM LEADER											
				NEW PIPE SUMMARY SHEET	STRUCTURE NO.	LOCATION RODEO RD, MAIN ST TO HILLSIDE DR				SHEET ____ OF ____		
						TRACS NO. T071801C				20 OF 31		

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4/6/2026 10:30:47 PM - P:\SNOWFLAKE P DRIVE\27654\27654-230\10\CAD\SSHEETFILES\27654-230\10 ADOT STORM DRAIN PLANS.DWG - EMERY ELLSWORTH



CONTROL POINTS			
POINT #	NORTHING	EASTING	DESCRIPTION
1	1271150.03	725829.35	SCRIBED X IN CONC
2	1270312.65	726157.79	NGS R501 VCM 1983
3	1269568.05	721990.09	5/8 IN RB BC RLS 15328
4	1269572.08	721540.16	1/2 IN RB NO ID
5	1268070.34	721503.04	SEC COR

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Engineering & Survey, LLC
www.paintedskys.com

176 N. MAIN STREET
SNOWFLAKE, ARIZONA 85937
PHONE: (928)537-7218

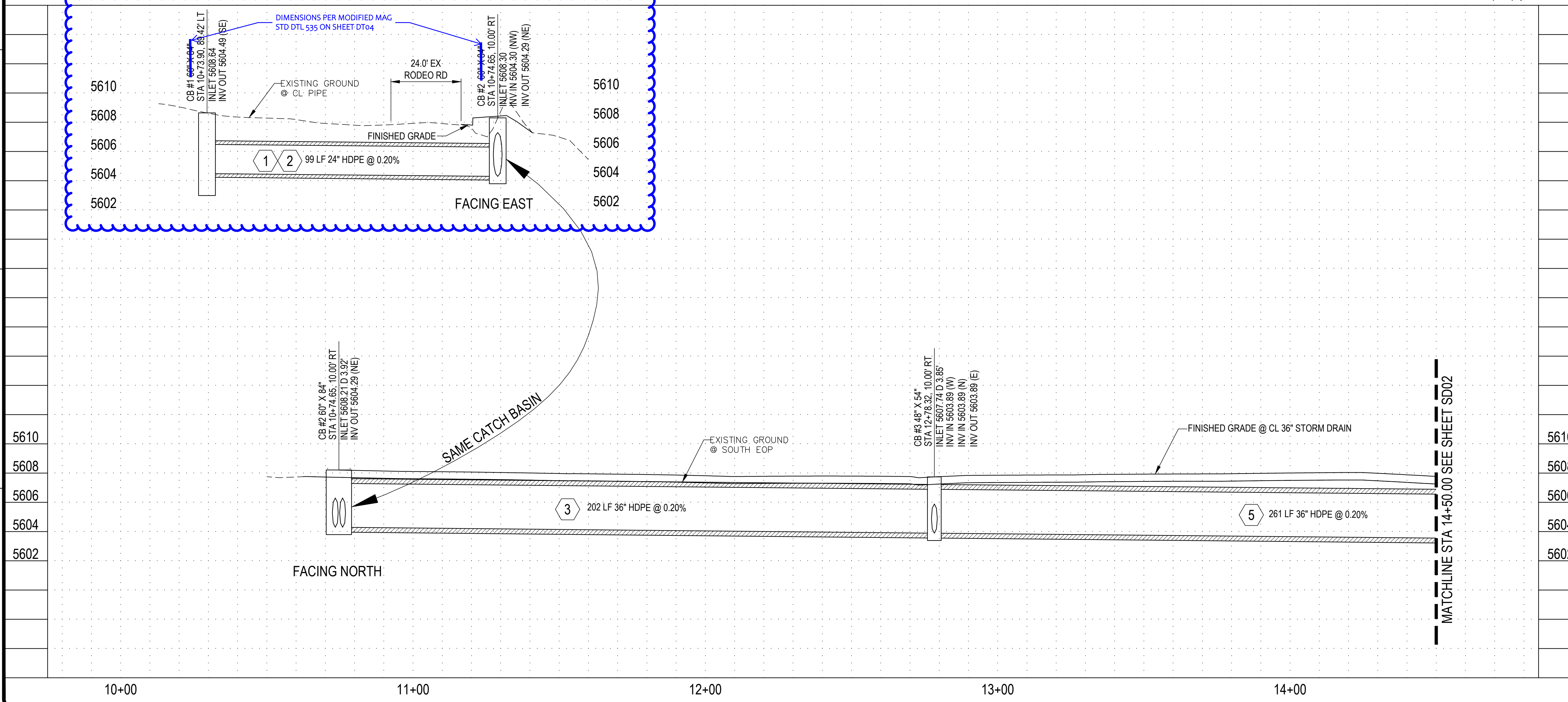
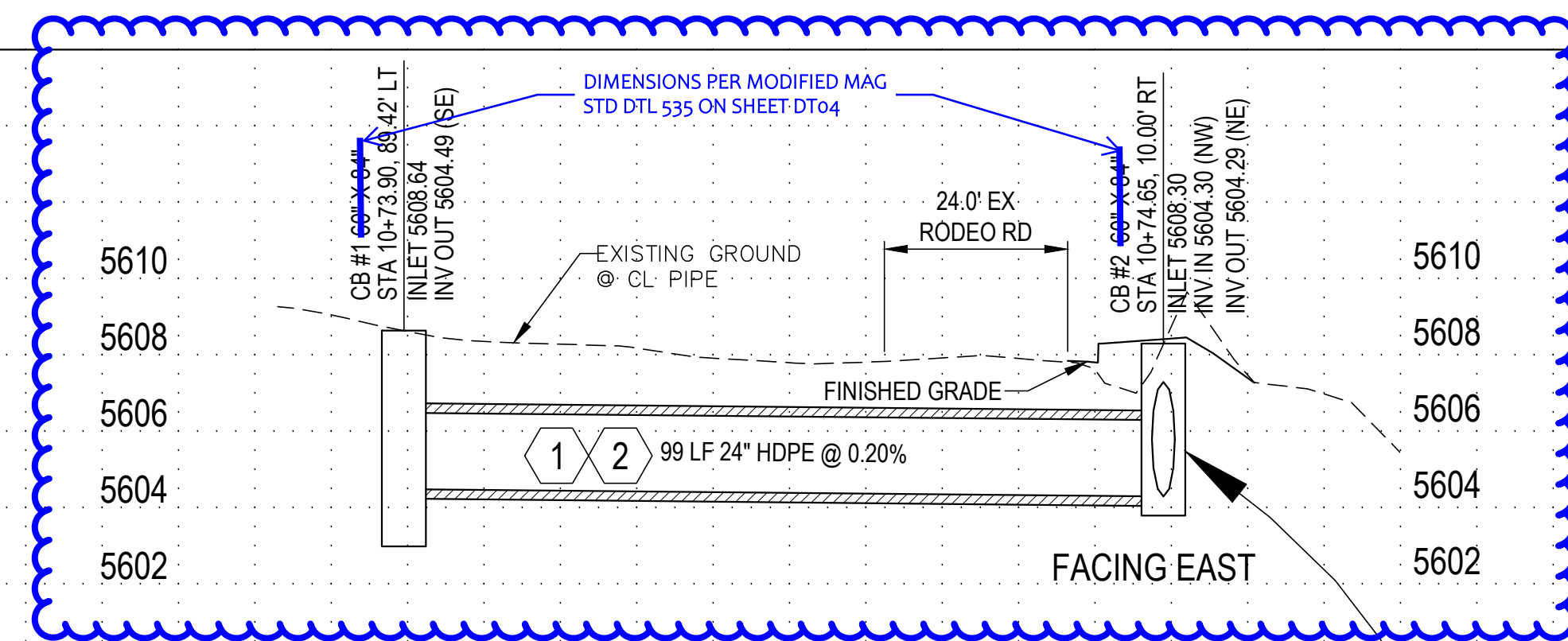
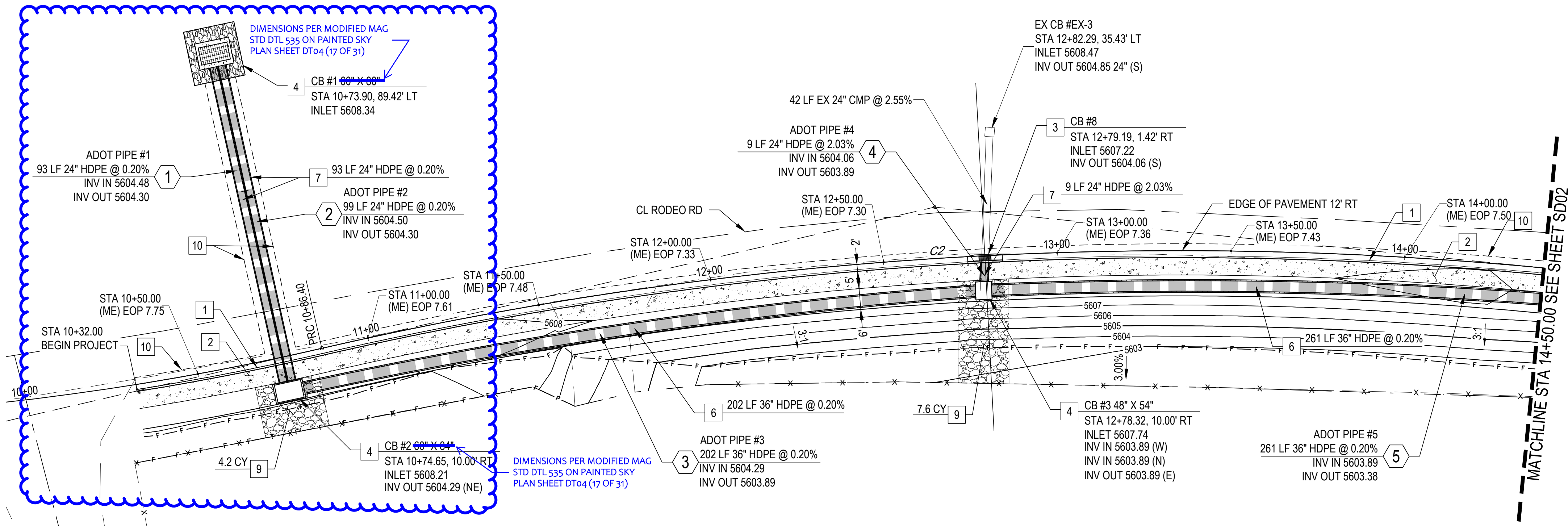
REGISTERED PROFESSIONAL ENGINEER
NO. 36630
DOUGLAS LEE BROMHALL, SR.
STATE OF ARIZONA

RODEO ROAD - MAIN STREET/SR 77	BY								
RODEO ROAD HORIZONTAL CONTROL	MARK								
	DATE								
	DESCRIPTION								

Project No.:	27654-23010
Designed By:	VF
Drawn By:	VF
Checked By:	DLB

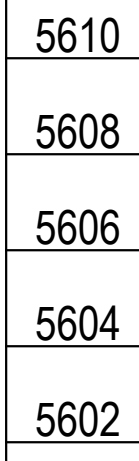
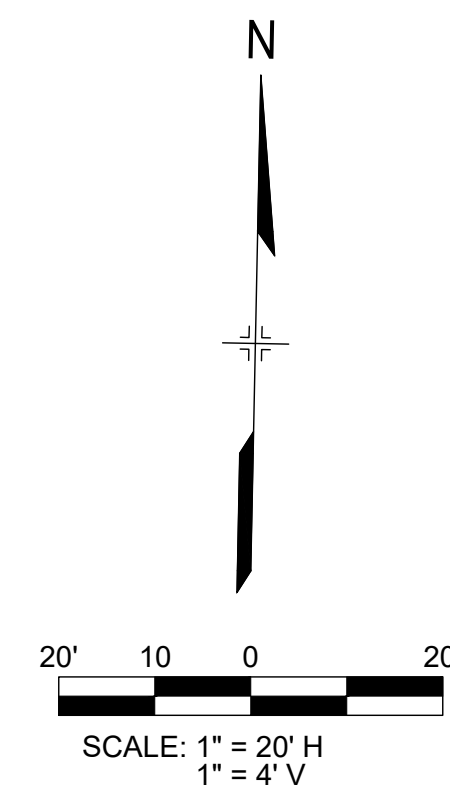
HZ01

Bar Measures 1 inch



1	CONSTRUCT VERT CURB & GUTTER PER MAG STD DTL 220-1, TYPE 'A'. SEE SHEET DT04	418 LF
2	CONSTRUCT 5' SIDEWALK PER MAG STD DTL 230. SEE SHEET DT04	2,090 SF
3	CONSTRUCT CATCH BASIN PER MAG STD DTL 534-1 TYPE 'E'. SEE SHEET DT04	1 EA
4	CONSTRUCT CATCH BASIN PER MAG STD DTL 535 TYPE 'F' (MODIFIED). SEE SHEET DT04	3 EA
5	INSTALL PAVEMENT PER STRUCTURAL SECTION ON SHEET DT03	N/A
6	INSTALL 36" HDPE PIPE	463 LF
7	INSTALL 24" HDPE PIPE	207 LF
8	INSTALL 4" X 10" CDB EXTENSION PER ADOT STD DTL SD 6.01. SEE SHEET DT06	N/A
9	INSTALL RIP-RAP (D_{50} = 6" DEPTH)	11.8 CY
10	SAWCUT REMOVE AND REPLACE EXISTING PAVEMENT IN KIND	61 CY
11	RELOCATE EXISTING SIGN AS SHOWN ON PLAN	N/A
12	INSTALL SIDEWALK RAMP PER ADOT STD DTL C-05.30 TYPE 'A'. SEE SHEET DT05	N/A
13	INSTALL SIDEWALK RAMP PER ADOT STD DTL C-05.30 TYPE 'C'. SEE SHEET DT05	N/A
14	CONSTRUCT VERT CURB & GUTTER PER ADOT STD DTL C-06.10 TYPE 'B'. SEE SHEET DT06	N/A
15	INSTALL 9' TRANSITION PER ADOT STD DTL C-06.12 TYPE 'C'. SEE SHEET DT05	N/A
16	INSTALL SAFETY RAIL PER MAG STD DTL 145. SEE SHEET DT04	N/A

PAINTED SKY Engineering & Survey, LLC www.paintedskyes.com		176 N. MAIN STREET SNOWFLAKE, ARIZONA 85937 PHONE: (928)537-7218		
				
				
<i>Douglas Lee Brimhall, SR.</i>				
MARK		DATE	DESCRIPTION	BY
RODEO ROAD - MAIN STREET/SR 77 RODEO ROAD PAVING & DRAINAGE PLAN & PROFILES				
Project No.: 27654-23010				
Designed By:		VF		
Drawn By:		VF		
Checked By:		DLB		
SD01				
Bar Measures 1 inch = _____				

[illegible]

RODEO ROAD - MAIN STREET/SR 77 RODEO ROAD PAVING & DRAINAGE PLAN & PROFILES	
Project No.:	27654-23010
Designed By:	VF
Drawn By:	VF
Checked By:	DLB

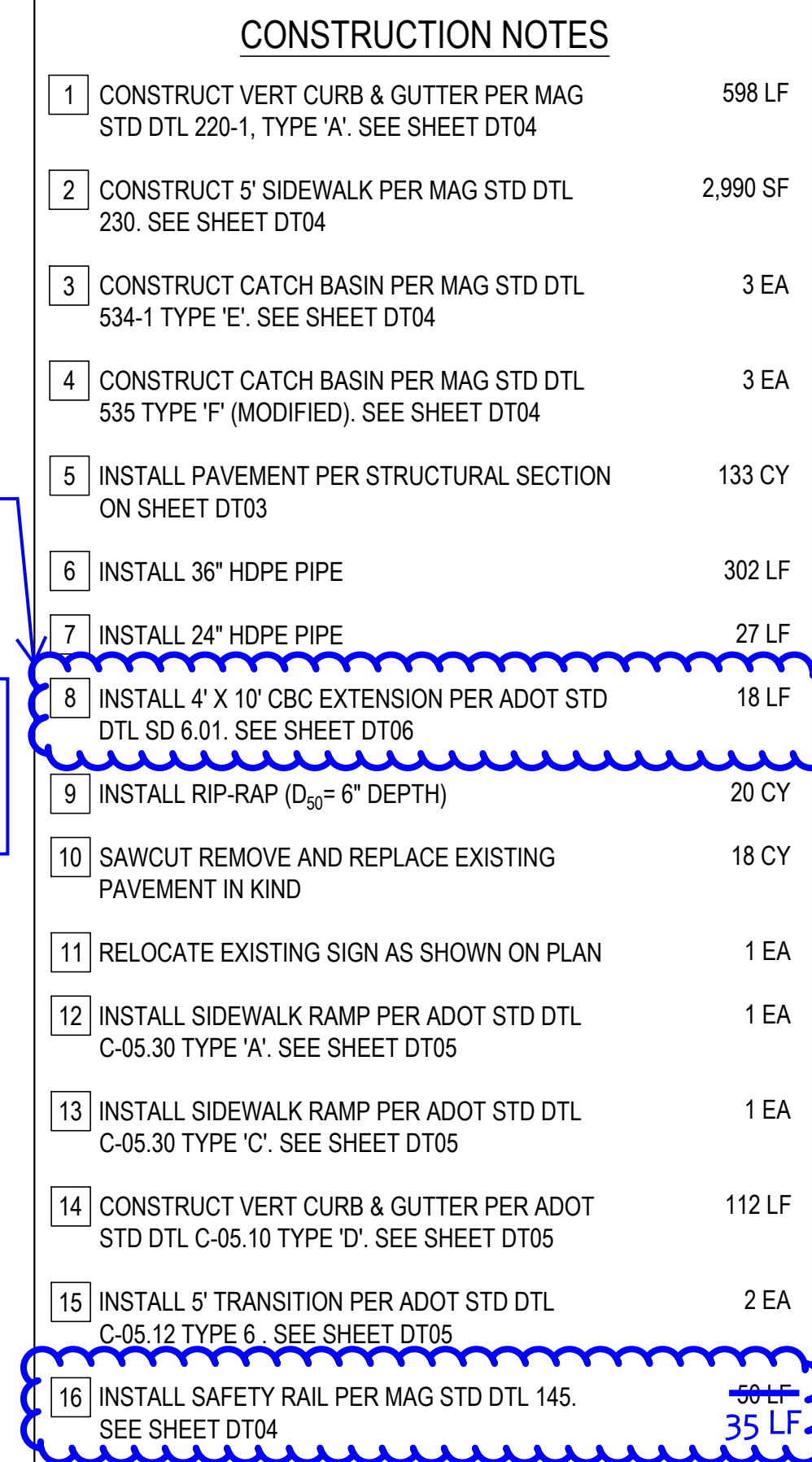
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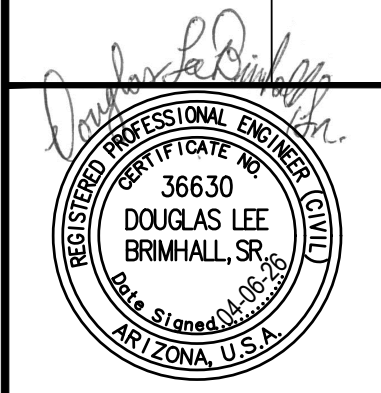
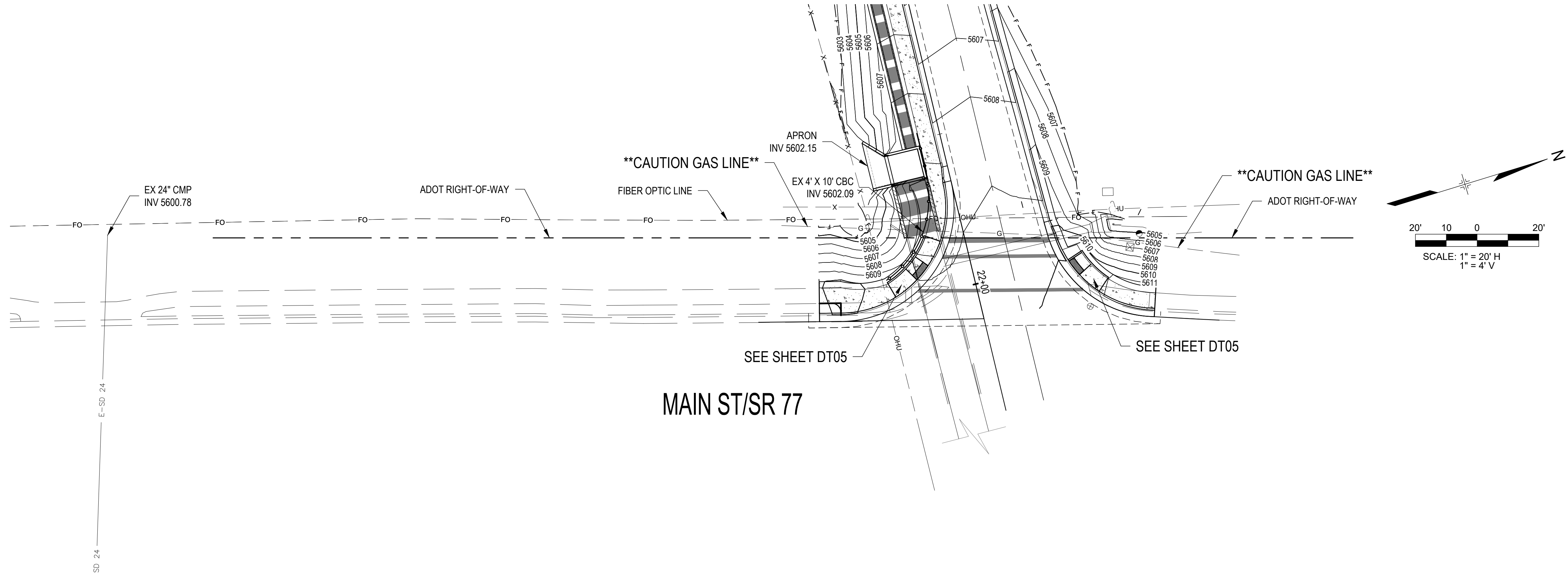
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www.paintedskyes.com

176 N. MAIN STREET
SNOWFLAKE, ARIZONA 85937
PHONE: (928)537-7218

A circular professional engineer seal for Douglas Lee Brimhall, SR. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER (CIVIL)" at the top and "ARIZONA, U.S.A." at the bottom. The inner circle contains the text "CERTIFICATE NO. 36630" and "DOUGLAS LEE BRIMHALL, SR.". A handwritten signature "Douglas Lee Brimhall" is written across the top of the seal. A handwritten date "Date signed 04-06-20" is written across the bottom of the seal.



4/6/2026 10:28:33 PM - P:\SNOWFLAKE P DRIVE\27654\27654-230\10\CAD\SSHEETS\FILES\27654-230\10 ADOT STORM DRAIN PLANS.DWG - EMERY ELLSWORTH



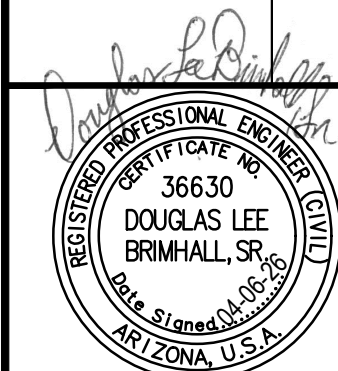
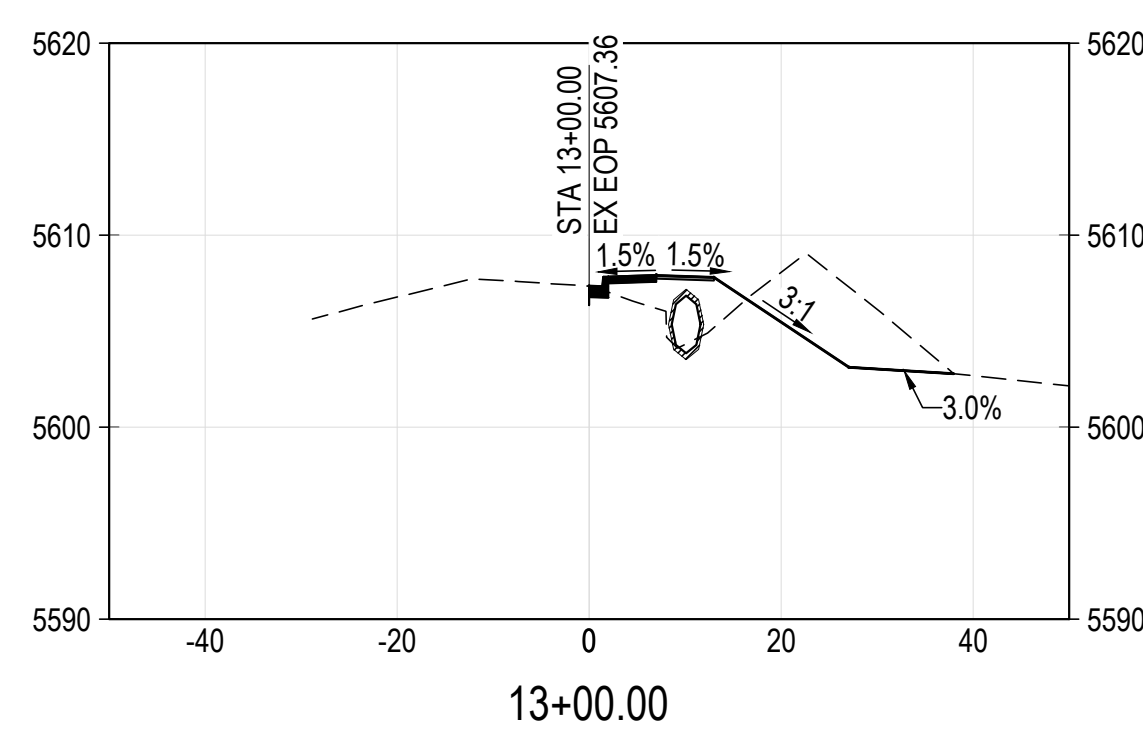
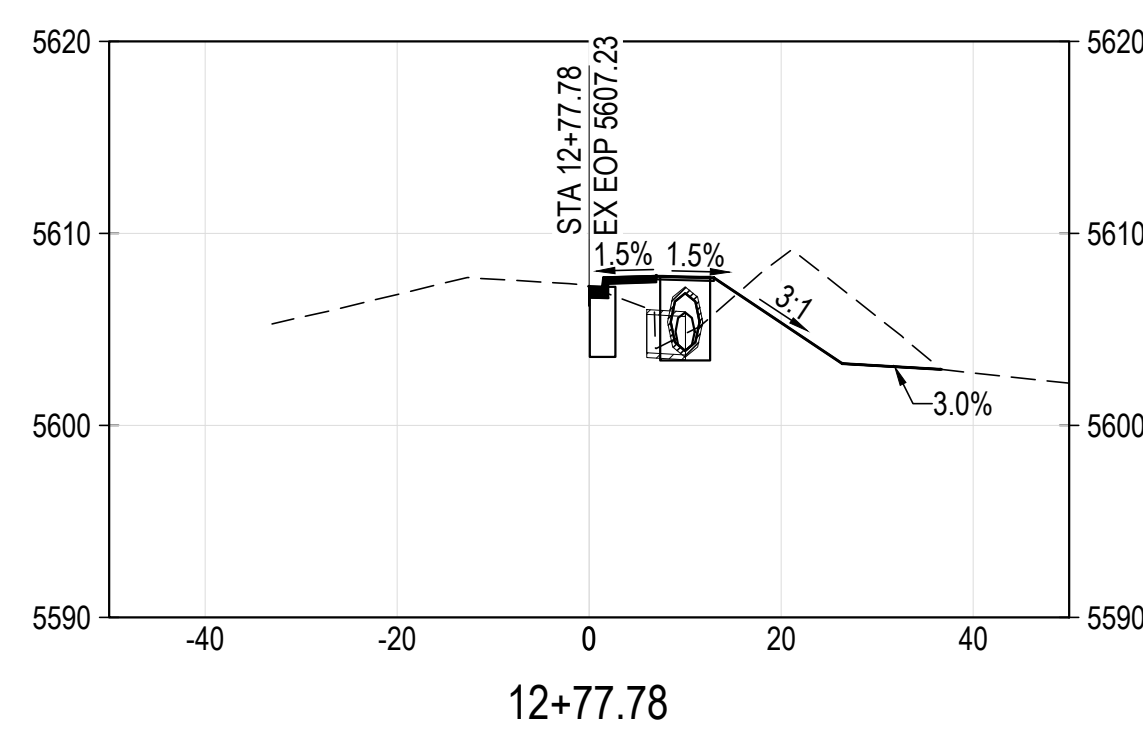
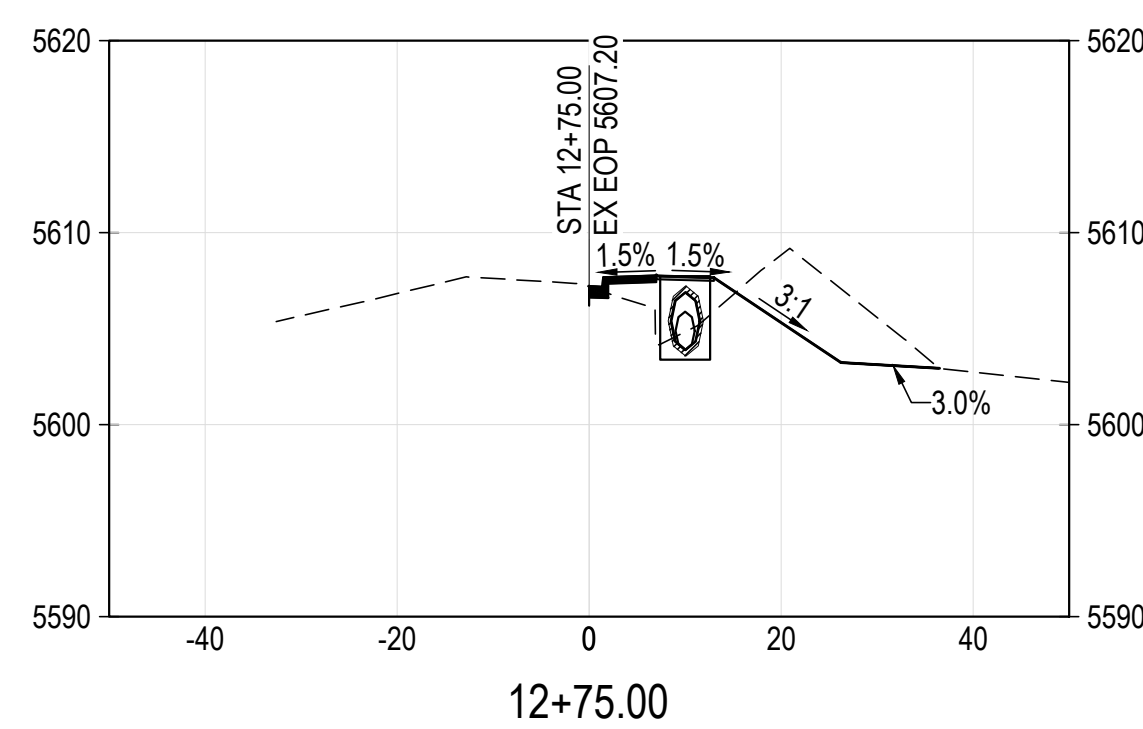
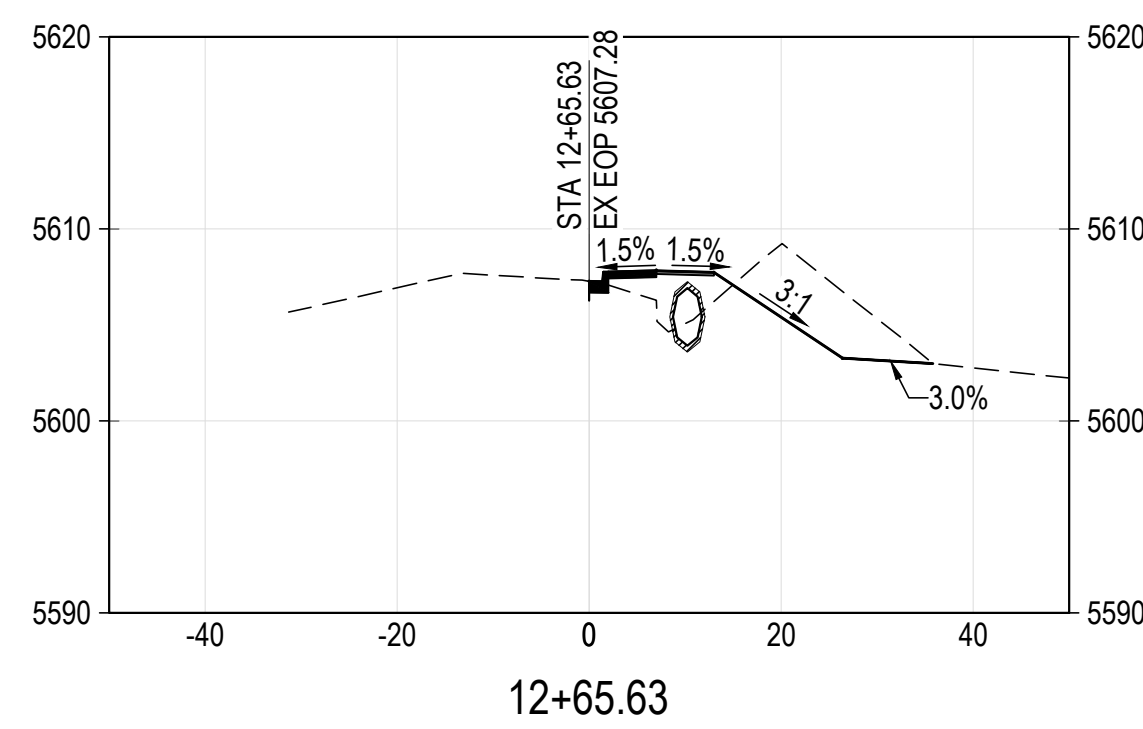
MARK	DATE	DESCRIPTION	BY

RODEO ROAD - MAIN STREET/SR 77

RODEO ROAD
PAVING & DRAINAGE
PLAN & PROFILES

Project No.:	27654-23010
Designed By:	VF
Drawn By:	VF
Checked By:	DLB

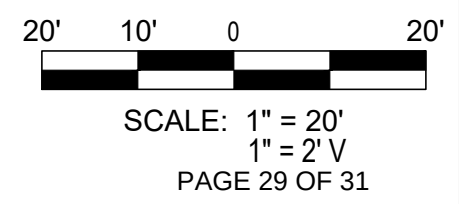
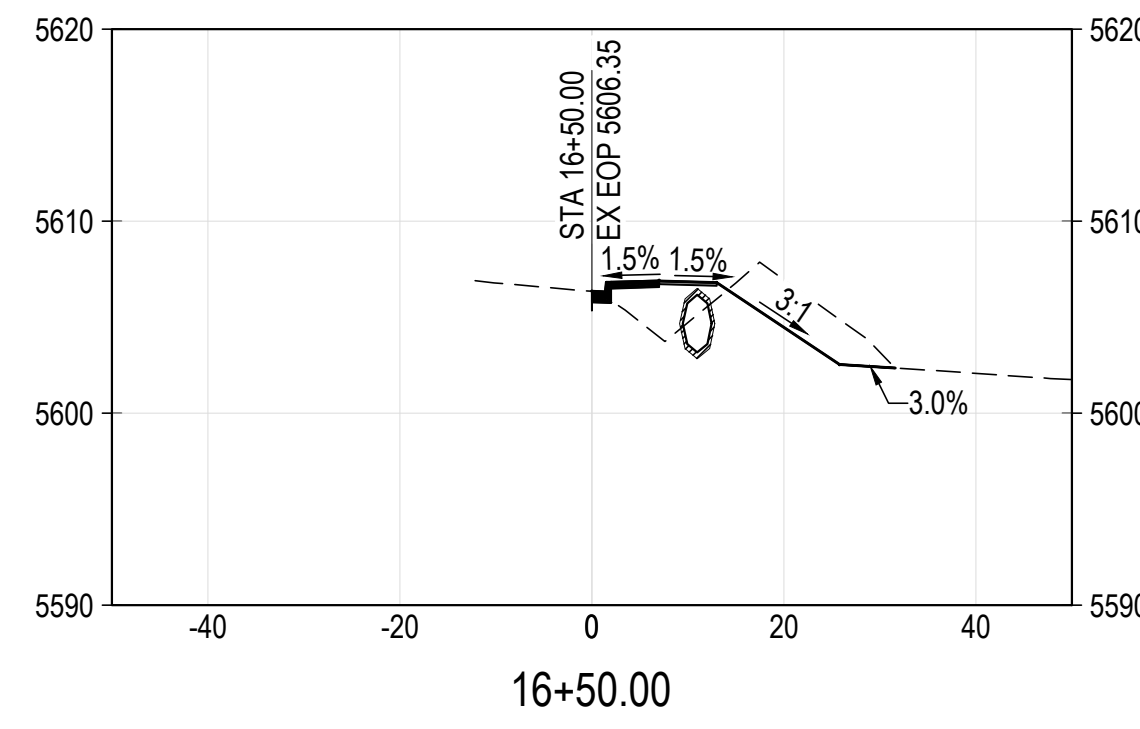
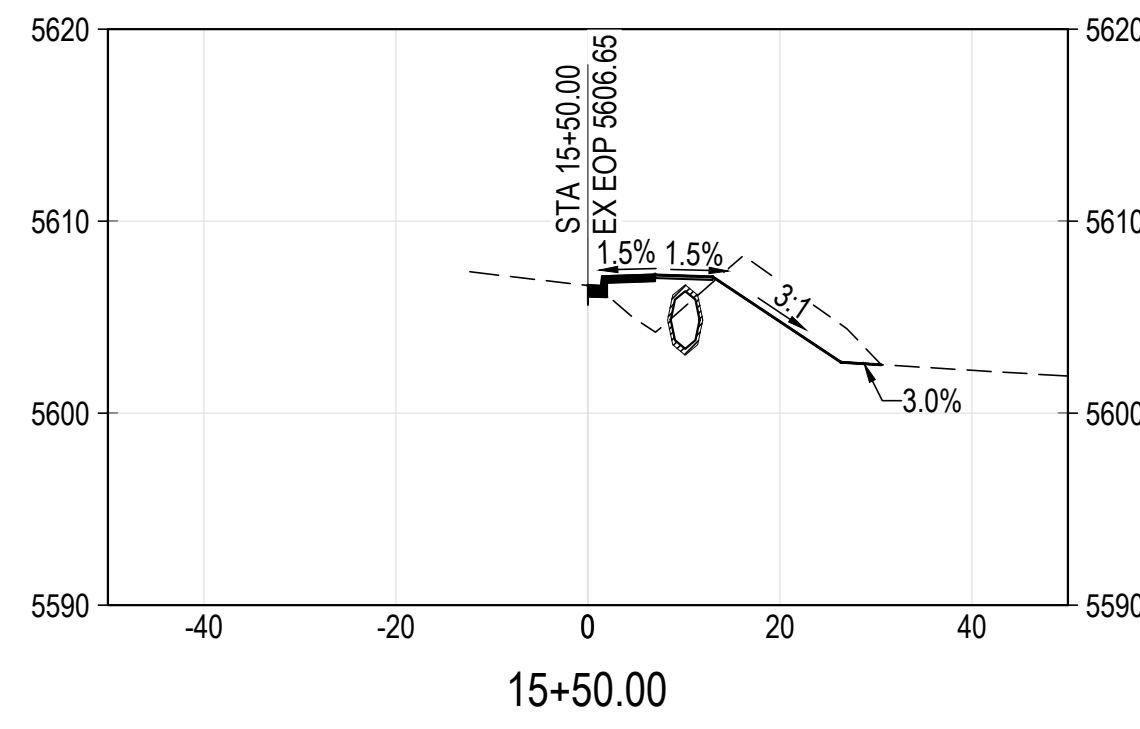
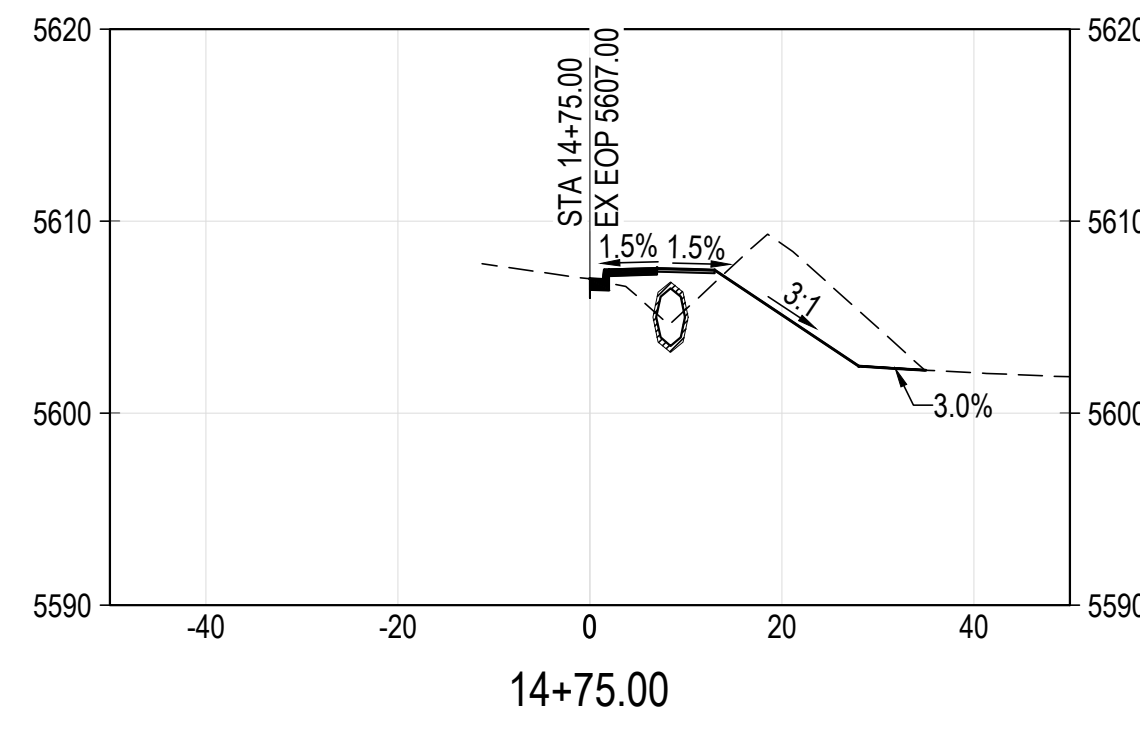
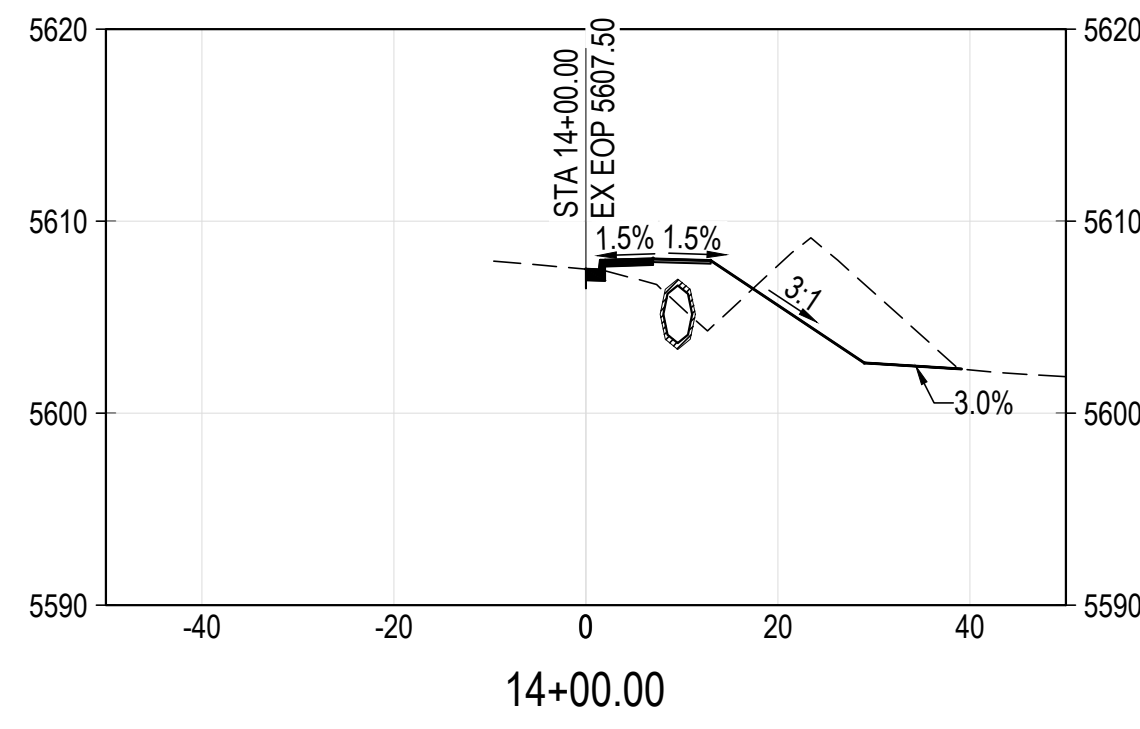
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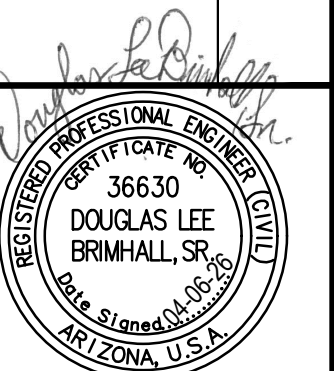
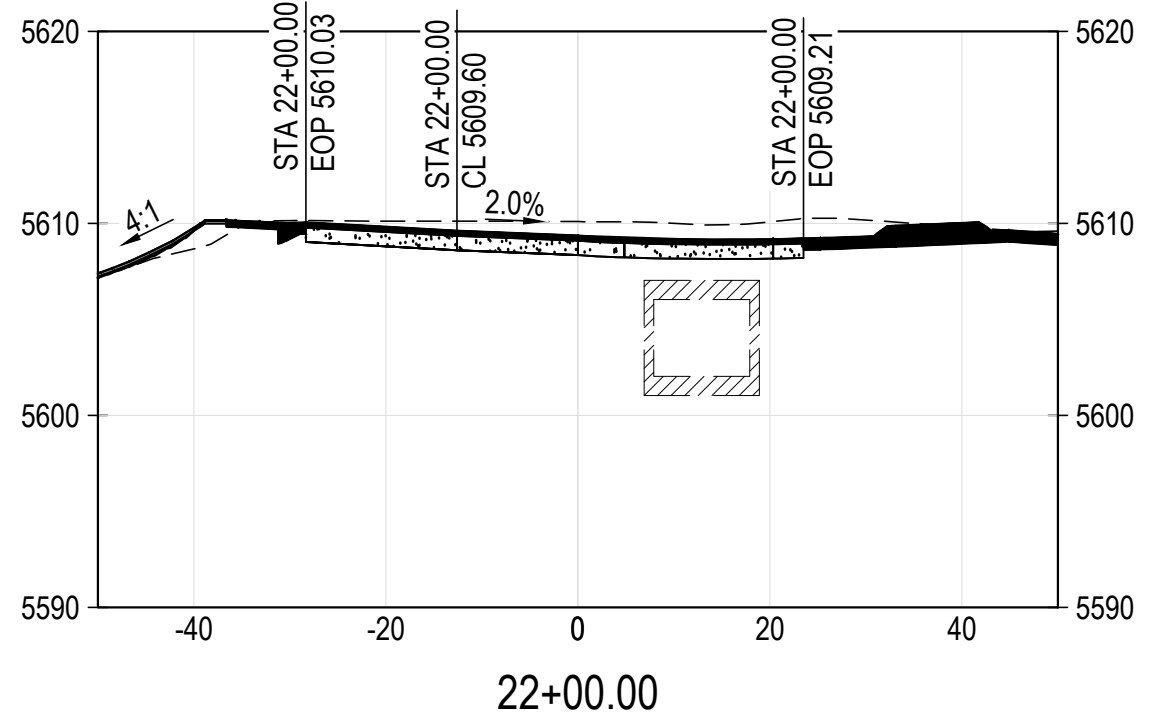
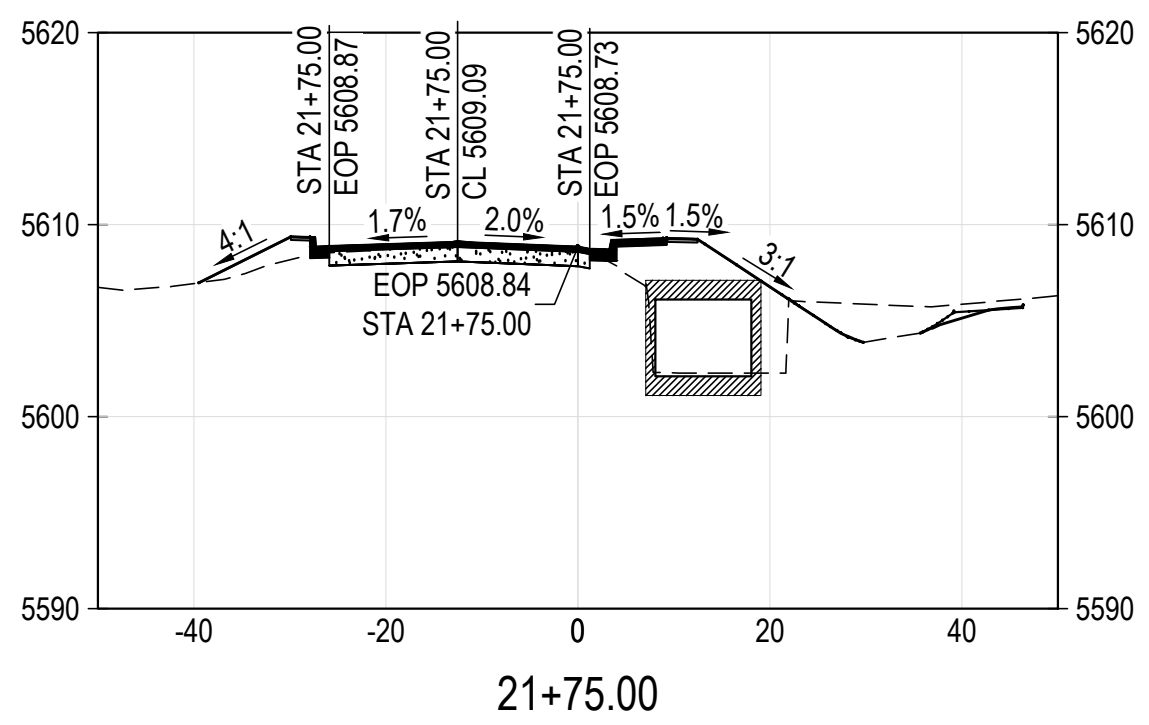
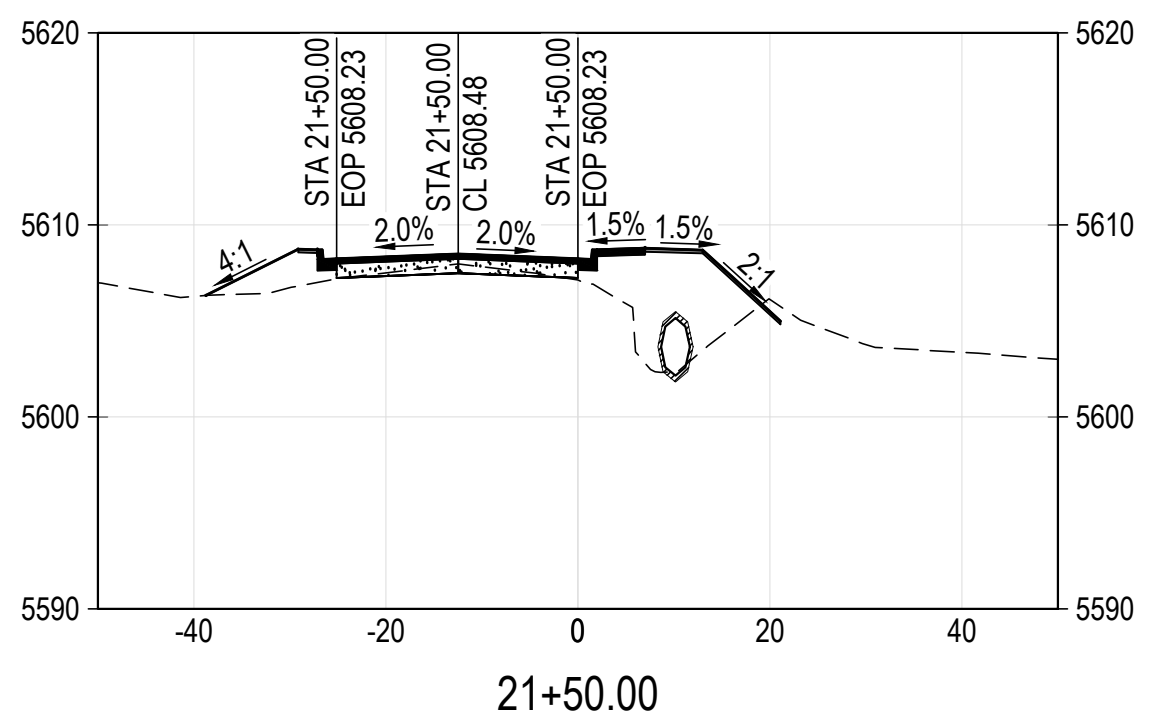
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RODEO ROAD - MAIN STREET/SR 77

Project No.:	27654-23010
Designed By:	VF
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SD05



[illegible]

RODEO ROAD
CROSS SECTIONS
STA 20+00.00 TO STA 22+00.00

Project No.:	27654-23010
Designed By:	VF
Drawn By:	VF
Checked By:	DLB

SD08