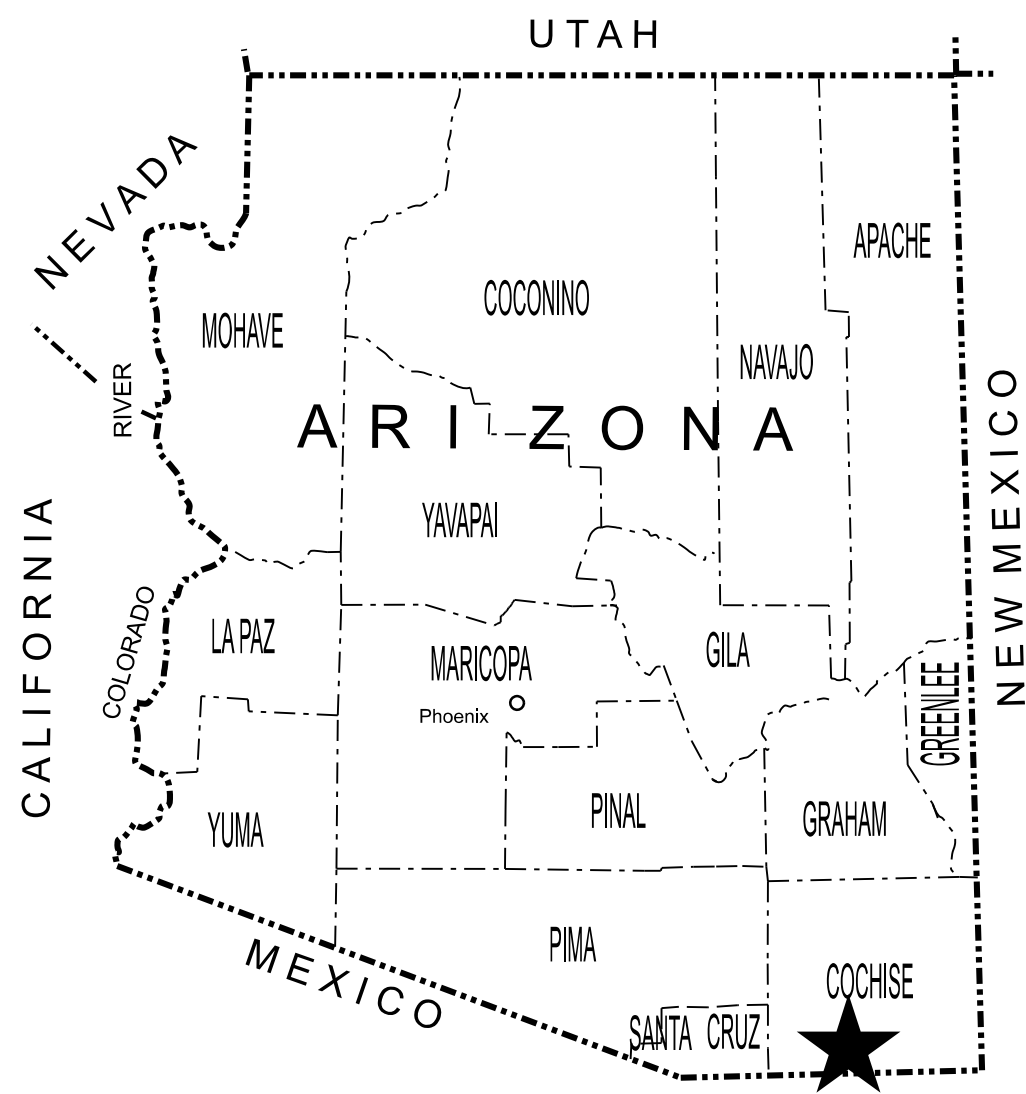
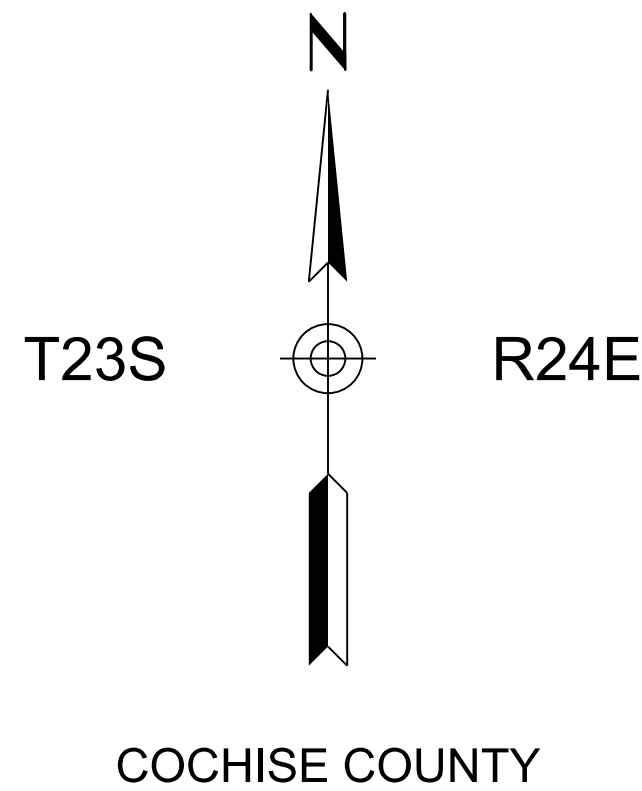




CITY OF BISBEE
STATE HIGHWAY
BENSON-DOUGLAS HIGHWAY
SR 80



OLD BISBEE - ERIE ST
PROJECT NO. 080 CH BIS T0413 01C
FEDERAL AID NO. BIS-0(204)T

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

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.		TIM RHINE	12/2025	
T0413 01C			1A	66
RECORD DRAWING DATA	FEDERAL ID NO. BIS-0(204)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	DATE
PROJECT NO.		TIM RHINE	12/2025
T0413 01C		1B-1	OF 66
RECORD DRAWING DATA	FEDERAL ID NO. BIS-0(204)JT	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	DATE
PROJECT NO.		TIM RHINE	12/2025
T0413 01C		1B-2	OF 66
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ADOT STANDARD DRAWINGS

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

REVISION
DATE

STANDARD
NUMBER

SUBJECT :
TRAFFIC SIGNALS AND LIGHTING DETAILS

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		

T-SL. 4			POLES AND POSTS		
11/22	4.01		TYPE A POLE		
11/22	4.02		TYPE S POLE		
11/22	4.03		TYPE T POLE		
11/22	4.04		TYPE S AND TYPE T STEEL TWIN LUMINAIRE MOUNTING BRACKET AND EXTENSIONS		
11/22	4.05		ALUMINUM TYPE S POLE		
11/22	4.06		ALUMINUM TYPE T POLE		
11/22	4.07		TYPE G POLE		
11/22	4.08		ALUMINUM TYPE G POLE		
11/22	4.09		ALUMINUM TYPE H POLE		
11/22	4.10		ALUMINUM TYPE I POLE		
11/22	4.11		GENERAL NOTES FOR TRAFFIC SIGNALS AND LIGHTING POLES WITH MAXIMUM LOADING CASE		
04/19	4.12		TYPE J POLES (25-J, 30-J, 35-J, AND 40-J) WITH 25 FT TO 40 FT MAST ARM SPAN LENGTH		
04/19	4.13		TYPE Q POLES (25-QL, 30-QL, 35-QL, AND 40-QL) WITH 25 FT TO 40 FT MAST ARM SPAN LENGTH WITH LUMINAIRES		
04/19	4.14		TYPE K POLES (45-K, 50-K, AND 55-K) WITH 45 FT TO 55 FT MAST ARM SPAN LENGTH		
			TYPE R POLES (45-RL, 50-RL, AND 55-RL) WITH 45 FT TO 55 FT MAST ARM SPAN LENGTH WITH LUMINAIRES		
11/22	4.16		TYPE V POLES (60-V AND 65-V) WITH 60 FT TO 65 FT MAST ARM SPAN LENGTH		
			TYPE W POLES (60-WL AND 65-WL) WITH 60 FT TO 65 FT MAST ARM SPAN LENGTH WITH LUMINAIRES		
11/22	4.18		POLE HAND HOLE DETAILS		
11/22	4.19		TYPE U POLE (ELLIPTICAL BASE) DETAILS		
11/22	4.20		TYPE U POLE (ROUND POLE WITH SQUARE BASE) NOTES		
04/19	4.21		TYPE U POLE (ROUND POLE WITH SQUARE BASE) FOUNDATION DETAILS		
04/19	4.22		TYPE U POLE (ROUND POLE WITH SQUARE BASE) DEATILS 1		
04/19	4.23		TYPE U POLE (ROUND POLE WITH SQUARE BASE) DEATILS 2		
04/19	4.24		TYPE U POLE (ROUND POLE WITH SQUARE BASE) PIPE TENON DETAILS		
04/19	4.25		TYPE U POLE (ROUND POLE WITH SQUARE BASE) TWIN LUMINAIRE BRACKET DETAILS		
04/19	4.26		EQUIPMENT MOUNTING HEIGHT DETAILS		
04/19	4.27		PEDESTRIAN PUSH BUTTON POST "TYPE PB POLE"		
11/22	4.28		POLE FOUNDATION ANCHOR BOLTS		
04/19	4.29		STEEL MAST ARM DETAILS LUMINAIRE AND SIGNAL ARMS TO 20'		
04/19	4.30		ALUMINUM TRUSS MAST ARM DETAILS FOR TYPE G, H, AND I POLES		
04/19	4.31		SIGNAL MAST ARM TENON DETAIL		
04/19	4.32		TYPICAL HIGHWAY LIGHTING OFFSETS IN CUT AND FILL SECTIONS		
11/22	4.33		STEEL ADAPTER PLATE FOR 30 FT ALUMINUM TYPE "G" OR TYPE "S" LIGHT POLES		
T.S. 5			POLE BASES - SPECIAL		
11/24	5-0		TYPE 2 AND 3 CAST ALUMINUM BREAK-AWAY BASES		
04/19	5-1		TYPE 2 CAST ALUMINUM BREAK-AWAY BASE		
04/19	5-2		TYPE 3 CAST ALUMINUM BREAK-AWAY BASE		
05/21	5-3		INSTALLATION DETAILS FOR POLE FOUNDATIONS WITH TYPE 2 AND 3 BREAK-AWAY BASES		
T.S. 6			HIGHWAY TRAFFIC DATA DETECTORS		
03/10	6-1		TYPE C VEHICLE DETECTOR LOOPS FOR TRAFFIC COUNTERS		
			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		
TRAFFIC SIGNAL & LIGHTING STANDARDS			JACKSON MODRACK		
PROJECT NO.			12/2025		
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ADOT STANDARD DRAWINGS

TRAFFIC SIGNAL AND LIGHTING STANDARDS

(SHEET 2 OF 2)

EFFECTIVE NOVEMBER 2024

REVISION DATE	STANDARD NUMBER	SUBJECT : TRAFFIC SIGNALS AND LIGHTING DETAILS
	T.S. 7	TRAFFIC SIGNAL DETECTORS
03/10	7-1 SHT 1	LOOP DETECTOR LOCATION SAWCUT PATTERNS AND INSTALLATION DETAILS
03/10	7-1 SHT 2	SAW CUT AND CORING DETAILS
03/15	7-1 SHT 3	SAW CUT AND CORING DETAILS
03/10	7-1 SHT 4	TYPICAL DETECTOR LOOP LEAD-IN ROAD TO PULL BOX DETAIL
03/10	7-1 SHT 5	LOOP DETECTOR LOCATION AND INSTALLATION DETAILS
03/10	7-2	PRE-FORMED LOOP DETECTORS FOR RAMP METERING AND COUNTING
03/10	7-3	PRE-FORMED LOOP DETECTORS IN BRIDGE DECK
03/10	7-4	PRE-FORMED LOOP DETECTORS IN PCCP
03/10	7-5	TYPICAL PRE-FORMED LOOP DETECTOR STUB-OUT DETAIL
	T.S. 8	SIGNAL ASSEMBLIES
12/23	8-0	TRAFFIC SIGNAL VEHICLE FACE ASSEMBLY REQUIREMENTS AND DETAILS
12/23	8-1	VEHICLE TRAFFIC SIGNAL FACE ASSEMBLY
12/23	8-2	VEHICLE TRAFFIC SIGNAL FACE ASSEMBLY
10/13	8-4 SHT 1	12-INCH VEHICLE TRAFFIC SIGNAL HOUSING/SECTION
01/12	8-4 SHT 2	12-INCH VEHICLE TRAFFIC SIGNAL HOUSING/SECTION NOTES
01/12	8-4 SHT 3	VEHICLE TRAFFIC SIGNAL HOUSING/SECTION DETAILS
03/10	8-4 SHT 4	VISORS FOR 8-INCH AND 12-INCH VEHICLE TRAFFIC SIGNAL FACE ASSEMBLIES
01/12	8-5	FLASHING BEACON SIGNAL FACE ASSEMBLY
01/12	8-6	LED LAMP FOR PROGRAMMED VISIBILITY SIGNAL
01/12	8-7 SHT 1	PEDESTRIAN SIGNAL ASSEMBLY REQUIREMENTS AND DETAILS
01/12	8-7 SHT 2	PEDESTRIAN SIGNAL ASSEMBLY HOUSING
01/12	8-7 SHT 3	PEDESTRIAN SIGNAL ASSEMBLY VISOR
	T.S. 9	MOUNTING ASSEMBLIES - SIGNAL
03/10	9-0 SHT 1	MOUNTING ASSEMBLY GENERAL REQUIREMENTS
03/10	9-0 SHT 2	MOUNTING ASSEMBLY GENERAL REQUIREMENTS
03/10	9-1	TYPE I AND II MOUNTING ASSEMBLIES
03/10	9-2	TYPE III AND IV MOUNTING ASSEMBLIES
10/13	9-3	TYPE V MOUNTING ASSEMBLY
03/10	9-4	TYPE VI MOUNTING ASSEMBLY
03/10	9-5	TYPE VII MOUNTING ASSEMBLY
03/10	9-6	TYPE VIII MOUNTING ASSEMBLY
03/10	9-7	TYPE IX MOUNTING ASSEMBLY
03/10	9-8	TYPE X MOUNTING ASSEMBLY
03/10	9-9	TYPE XI MOUNTING ASSEMBLY
	T.S. 10	MOUNTING CASTINGS - SIGNAL
03/10	10-1	MISCELLANEOUS SIGNAL MOUNTING PARTS
03/10	10-2	MAST ARM SIGNAL MOUNTING PLUMBIZER
03/10	10-3	SIGNAL MOUNTING POLE PLATE DETAILS
03/10	10-4	TERMINAL COMPARTMENT, SIDE MOUNTED AND POLE TOP MOUNTED
	T.S. 11	PEDESTRIAN DETAILS
03/15	11-1	TYPE I PEDESTRIAN PUSH BUTTON HOUSING ASSEMBLY
03/15	11-2	CAN STYLE PEDESTRIAN PUSH BUTTON
	T.S. 12	FLASHERS
03/10	12-1 SHT 1	ADVANCE WARNING FLASHER POLE DETAIL
03/10	12-1 SHT 2	ADVANCE WARNING FLASHER POLE SIGN MOUNTING DETAILS
03/10	12-1 SHT 3	ADVANCE WARNING FLASHER POLE DETAIL
	T.S. 13	ILLUMINATION - SIGNS
03/10	13-1	SIGN LIGHTING DETAIL FOR TUBULAR SIGN STRUCTURES
03/10	13-2	FUSE PANEL DETAILS FOR SIGN LIGHTING
03/15	13-3	PLACEMENT OF LIGHTING FIXTURES FOR OVERHEAD SIGNS
	T.S. 14	ILLUMINATION - SPECIAL
03/10	14-1 SHT 1	HIGH PRESSURE SODIUM (HPS) LAMPS
03/10	14-1 SHT 2	HIGH PRESSURE SODIUM (HPS) LAMPS
03/10	14-1 SHT 3	HIGH PRESSURE SODIUM (HPS) LAMPS
03/10	14-2	PEDESTRIAN BRIDGE LIGHTING DETAILS

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

ADOT STANDARD DRAWINGS			
REVISION DATES and STANDARD NO.'s REVIEW			
		NAME	DATE
TRAFFIC SIGNAL AND LIGHTING STANDARDS		JACKSON MODRACK	12/2025
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1. **SPILL PREVENTION, CONTROL, AND COUNTERMEASURES – CWA SECTION 311**

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

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

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

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

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

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

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

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

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.

☒ Noxious Species Control Plan (NSCP) required

6. **CULTURAL RESOURCES PROGRAM**

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

7. **HAZARDOUS MATERIALS PROGRAM**

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

☒ No Hazardous Materials Program Action Required

8. **NOISE PROGRAM**

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

9. **AIR QUALITY PROGRAM**

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

10. **OTHER ENVIRONMENTAL ISSUES**

Project Specific Environmental Commitments: ☐ N/A

- For milling activities, the roadway surface preceding the milling machine shall be kept sufficiently wet so as to prevent the generation of any visible fugitive dust particles, but not so wet as to cause excess runoff from the roadway surface onto the roadway shoulder.

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	5/28/2025	R.E. Signature	
FEDERAL ID NO.	BIS-0(204)T		
PROJECT NO.	080 CH BIS T0413 01C		
REC DWG DATE: _____ OF _____		With the above signature, the R.E. attests that all EPIC work for this project has been satisfactorily completed.	
		__1F__ OF __66__	Sheet 1F

REFERENCES

F-016-1(11)
F-016-1-507
F-016-1-509
F-016-1-530
F-016-1-522
F-016-1-534
F-016-1-540
S-080-A-502
STP-080-A-(3)A

MIDPOINT OF PROJECT

East Zone
State Plane Coordinates
X=783,000
Y=158,000

DESIGN DATA

2025 AADT = 7,500
2045 AADT = 7,720

Design Speed
SR 80 = 40 MPH
New Posted Speed
SR 80 = 35 MPH

LENGTH OF PROJECT

SR 80 North
Sta 494+19.01 to 556+17.67 = 6,198.66'
SR 80 South
Sta 556+17.67 to 562+95.83 = 678.16'
Net & Gross Length = 6,876.82' = 1.30 Miles
Mile Post = 341.50 to 342.80

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Sheet No.	Sheet Type
1	Face Sheet
1A, 1B-1, 1B-2, 1C-1, 1C-2	ADOT Standard Drawings
1F	EPIC Sheet
2	Design Sheet
3-6	Typical Sections
7-11	Summary Sheets
12-16	Detail Sheets
17	Geometric Control Sheet
18-19	Geometric Data Sheets
20-22	Geometric Layout Sheets
23-28	SR 80 Removal Sheets
29-34	SR 80 Plan Sheets
35-39	Staking Sheets
40-43	Traffic Control
44-50	Pavement Marking Sheets
51-61	Signing Sheets
62-63	Lighting Relocation Sheet
64-66	Bid Deduct 1-3

GENERAL NOTES

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

The project roadway shall be striped by the contractor in accordance with the current edition of the Signing and Marking Standard Drawings (M and S-Series) and the pavement marking plans.

For Right-of-Way information not shown, see Right of Way Project No. S-080-A-801, F-016-1(4), and F-016-1-709.

Pavement lift thickness is nominal.

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.

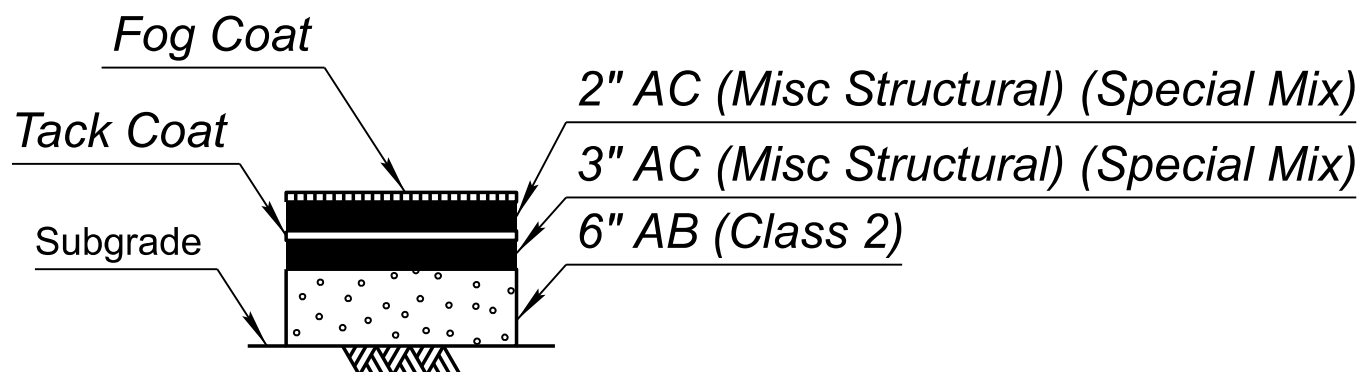
Delineators, object markers and mile post markers shall be removed and reset as required at no additional cost to the Department.

The average project elevation is 5,100'.

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

Project plans have been developed utilizing alignment and survey control.

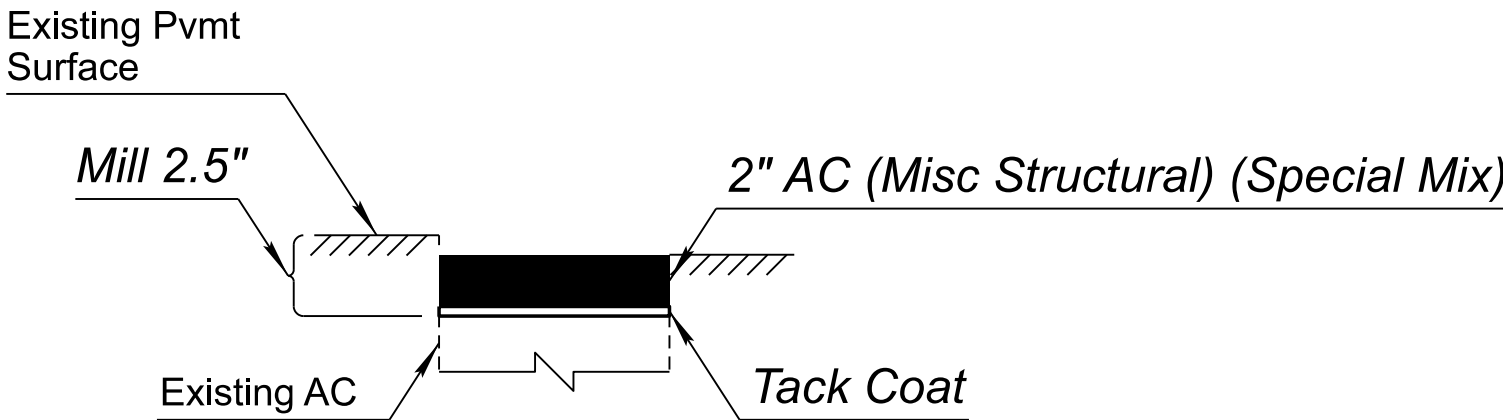
All existing waterline facilities shall be protected in place. The contractor shall verify the location of the existing water facilities before work can be done in the area. The contractor shall notify the Arizona Water Company staff at 602-240-6860 when working near the facilities to inspect and ensure that no damage has occurred.



Total Thickness = 11"

SECTION NO. 1

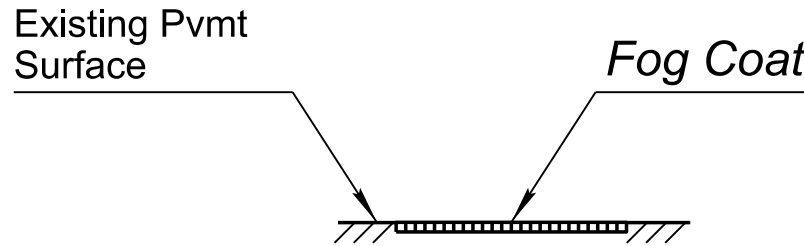
SR 80 New Pavement
with Fog-Coat



Total Thickness = 2"

SECTION NO. 2

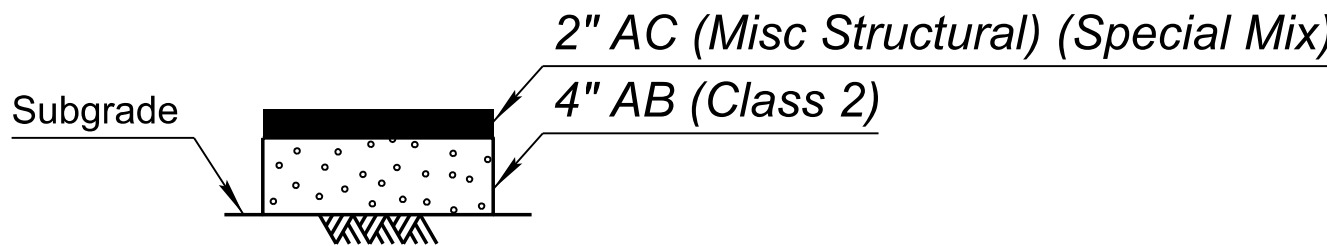
Shared Use Pathway
Mill and Replace



Total Thickness = N/A

SECTION NO. 3

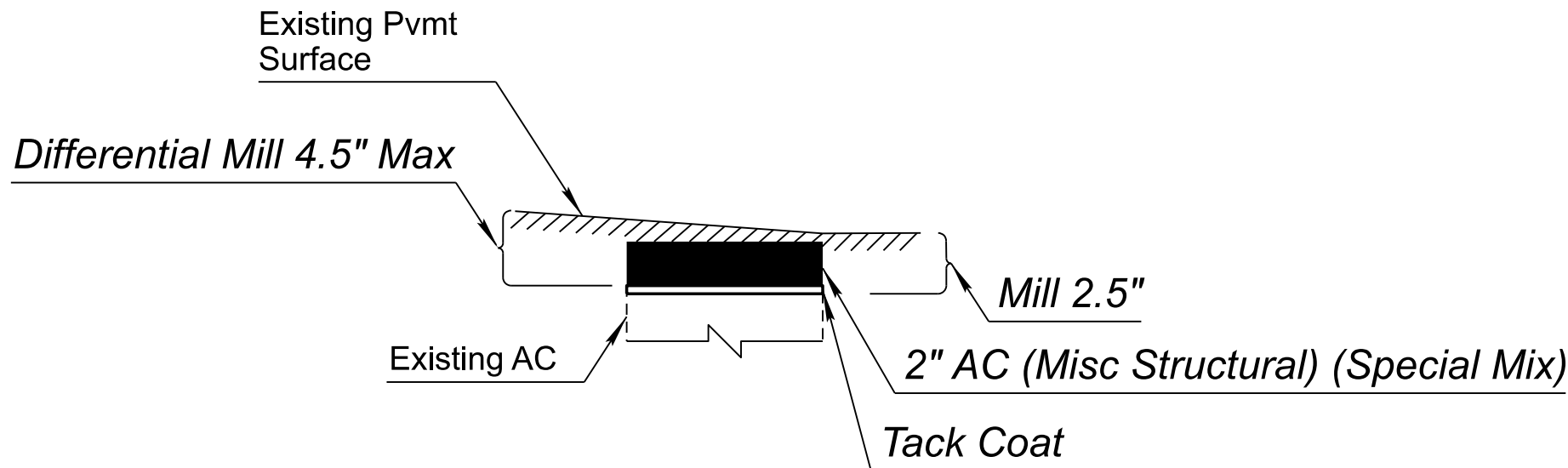
SR 80 Existing Travel Lanes



Total Thickness = 6"

SECTION NO. 4

New Shared Use Pathway
Full Depth Pavement



Total Thickness = 2"

SECTION NO. 5

Shared Use Pathway
Differential Mill and Replace



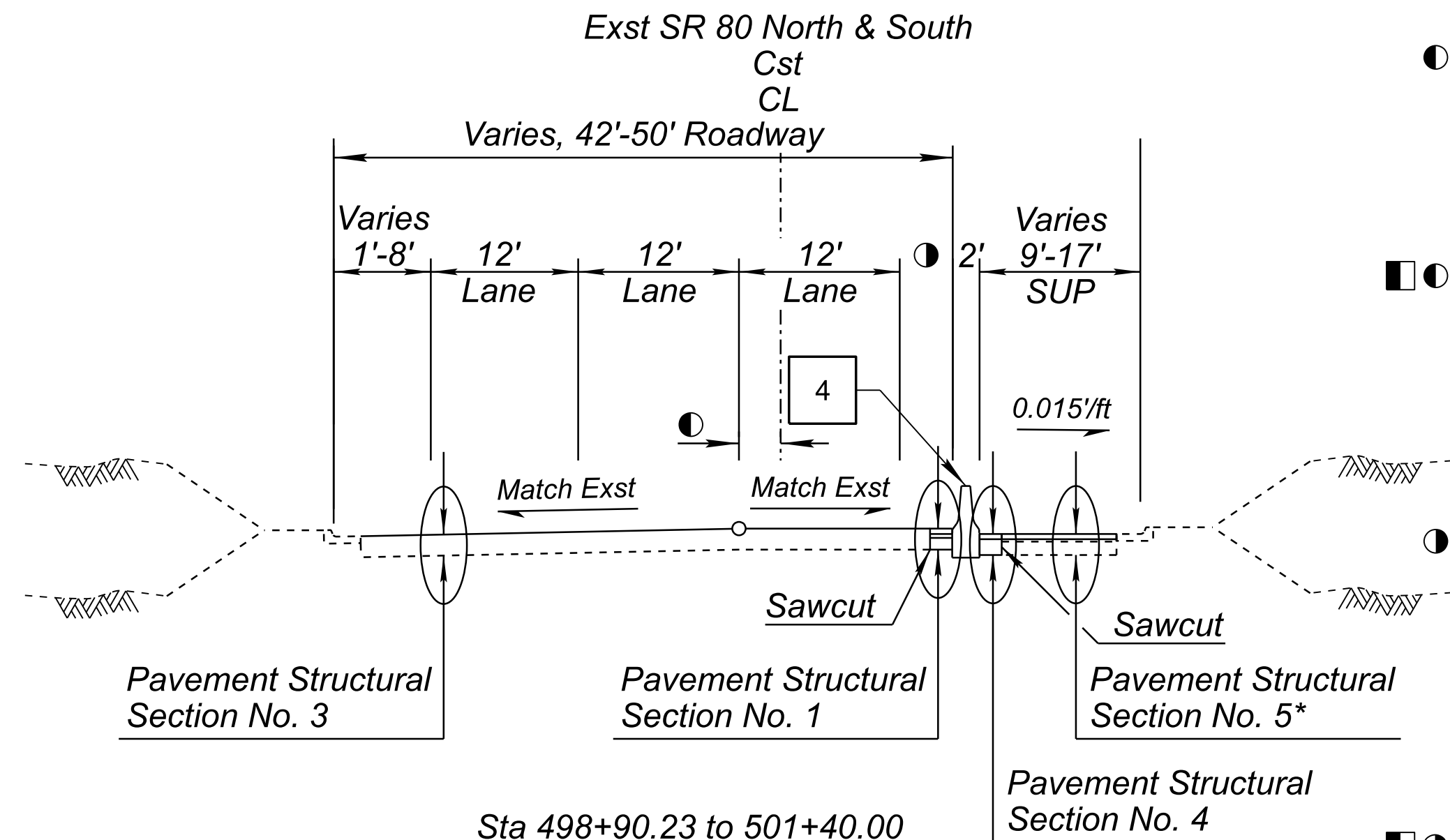
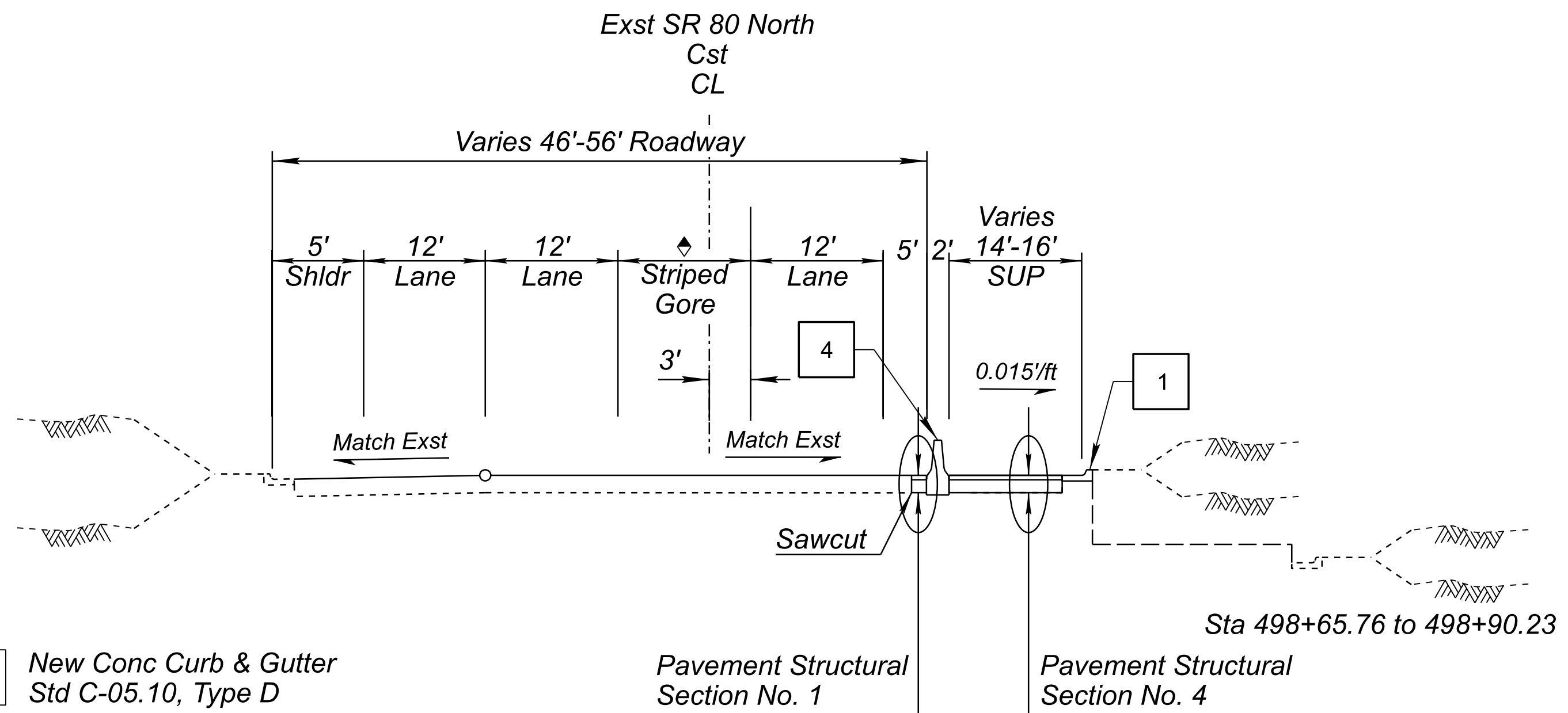
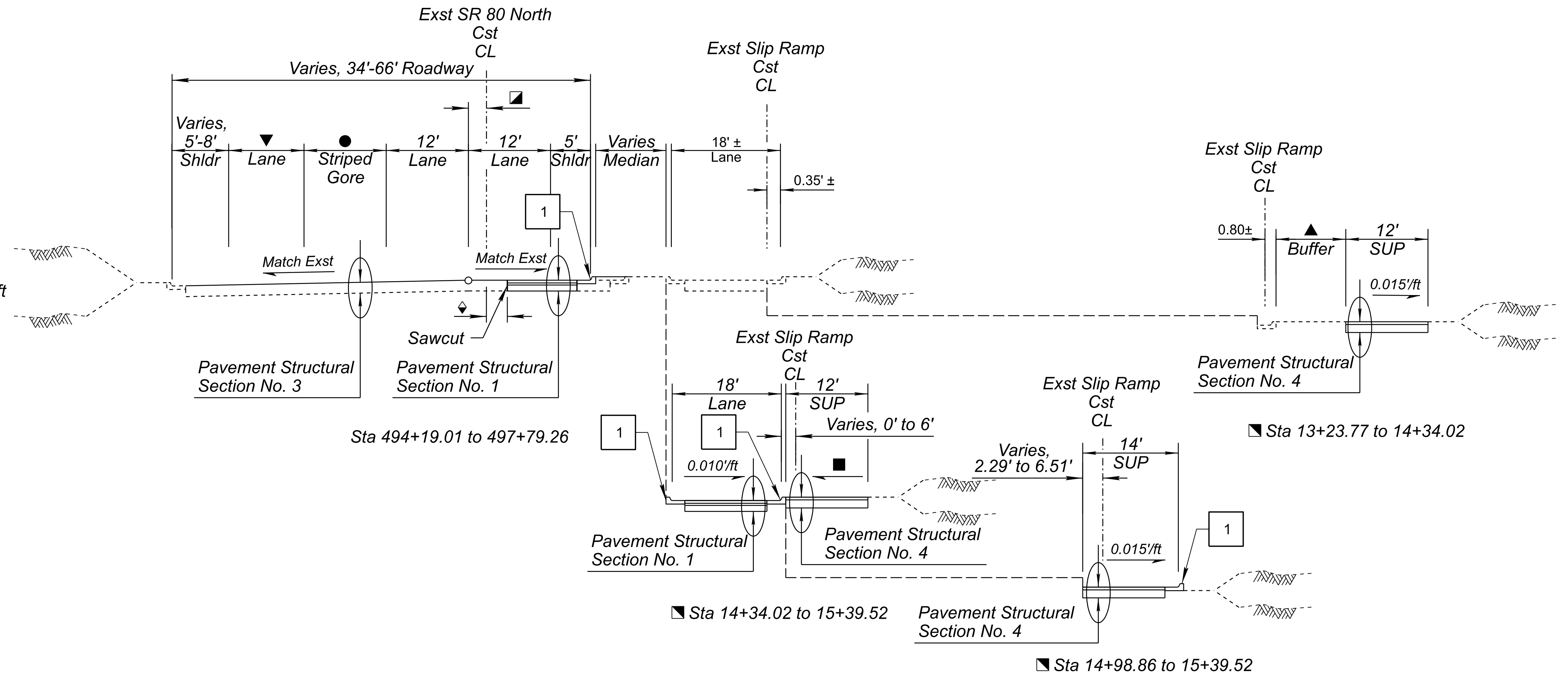
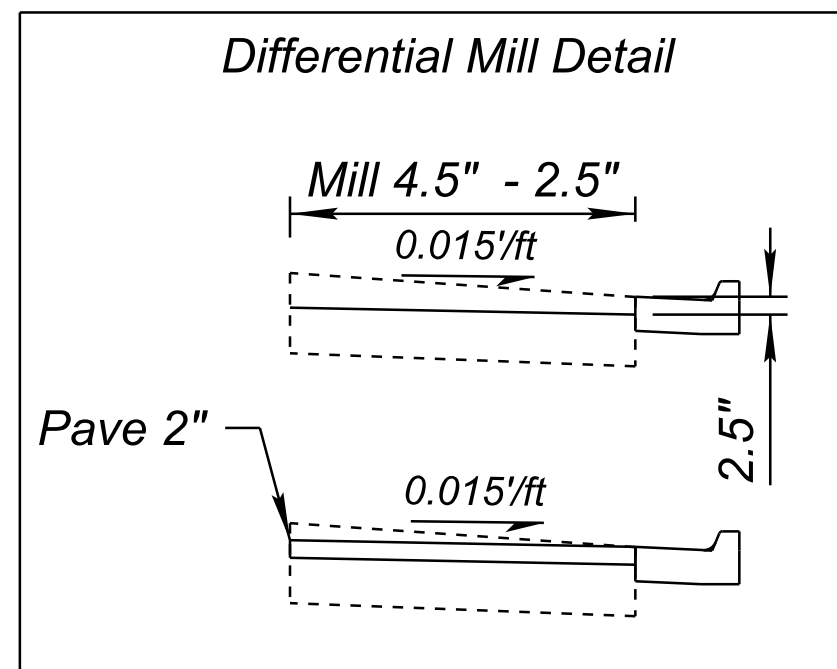
	NAME	DATE
DESIGN	TJB	06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

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CITY OF BISBEE
DESIGN SHEET

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 2	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET					DWG NO. G-01.01	
STRUCTURE NO.	TRACS NO. T0413 01C					___ OF ___	

- ▼ Sta 494+19.01 to 495+23.60, Varies 12' to 20'
Sta 495+23.60 to 497+79.26, Varies 20' to 0'
● Sta 494+19.01 to 495+23.60, Varies 21' to 0'
Sta 495+23.60 to 497+79.26, 0'
■ Sta 494+19.01 to 494+88.42, 0'
Sta 494+88.42 to 497+79.26, Varies 0' to 15'
◆ Sta 494+22.55 to 494+88.42, 13' Rt
Sta 494+88.42 to 497+36.05, Varies 0' to 14' Lt
Sta 497+36.05 to 497+79.26, 2' Lt
■ Sta 494+19.01 to 496+74.70, 0.015'/ft
Sta 496+74.70 to 497+42.34, Varies 0.015'/ft to -0.015'/ft
Sta 497+42.34 to 498+90.23, -0.015'/ft
■▲ Sta 13+23.77 to 13+81.00, 8'
■▲ Sta 13+81.00 to 14+34.02, Varies 8' to 0'



- Sta 498+90.23 to 501+40.00, 3'
Sta 505+65.00 to 510+44.00, Varies 3.69'-2.05'
Sta 515+30.00 to 516+25.00, 2'
Sta 519+00.00 to 525+66.00, Varies 1.32'-0'
Sta 530+48.00 to 532+20.60, Varies 0.68'-0'
Sta 543+22.00 to 545+68.00, 0'
Sta 551+03.00 to 552+70.00, 0'
■● Sta 556+85.00 to 557+98.79, 0'
- Sta 498+90.23 to 501+40.00, 5'
Sta 505+65.00 to 510+44.00, Varies 5' to 6.05'
Sta 515+30.00 to 516+25.00, Varies 4.79' to 4.69'
Sta 519+00.00 to 525+66.00, 5'
Sta 530+48.00 to 530+68.00, 5'
Sta 530+68.00 to 531+40.00, Varies 5' to 2'
Sta 531+40.00 to 532+20.60, 2'
Sta 543+22.00 to 545+68.00, 2'
Sta 551+03.00 to 552+70.00, 2'
■● Sta 556+85.00 to 557+98.79, 2'

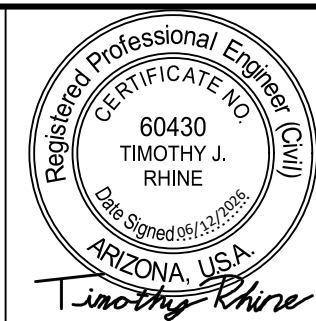
- 1 New Conc Curb & Gutter
Std C-05.10, Type D
- 2 New Conc Curb
Std C-05.10, Type A
- 3 New Conc Barrier
Std C-10.41
- 4 New Variable Height Conc Barrier
Std C-10.44

Sta 497+79.26 to 498+90.23

◆ Sta 497+79.26 to 498+80.75, Varies 9' to 0'
Sta 498+80.75 to 498+90.23, 0'

Sta 498+90.23 to 501+40.00
Sta 505+65.00 to 510+44.00
Sta 515+30.00 to 516+25.00
Sta 519+00.00 to 525+66.00
Sta 530+48.00 to 532+20.60
Sta 543+22.00 to 545+68.00
Sta 551+03.00 to 552+70.00
■ Sta 556+85.00 to 557+98.79

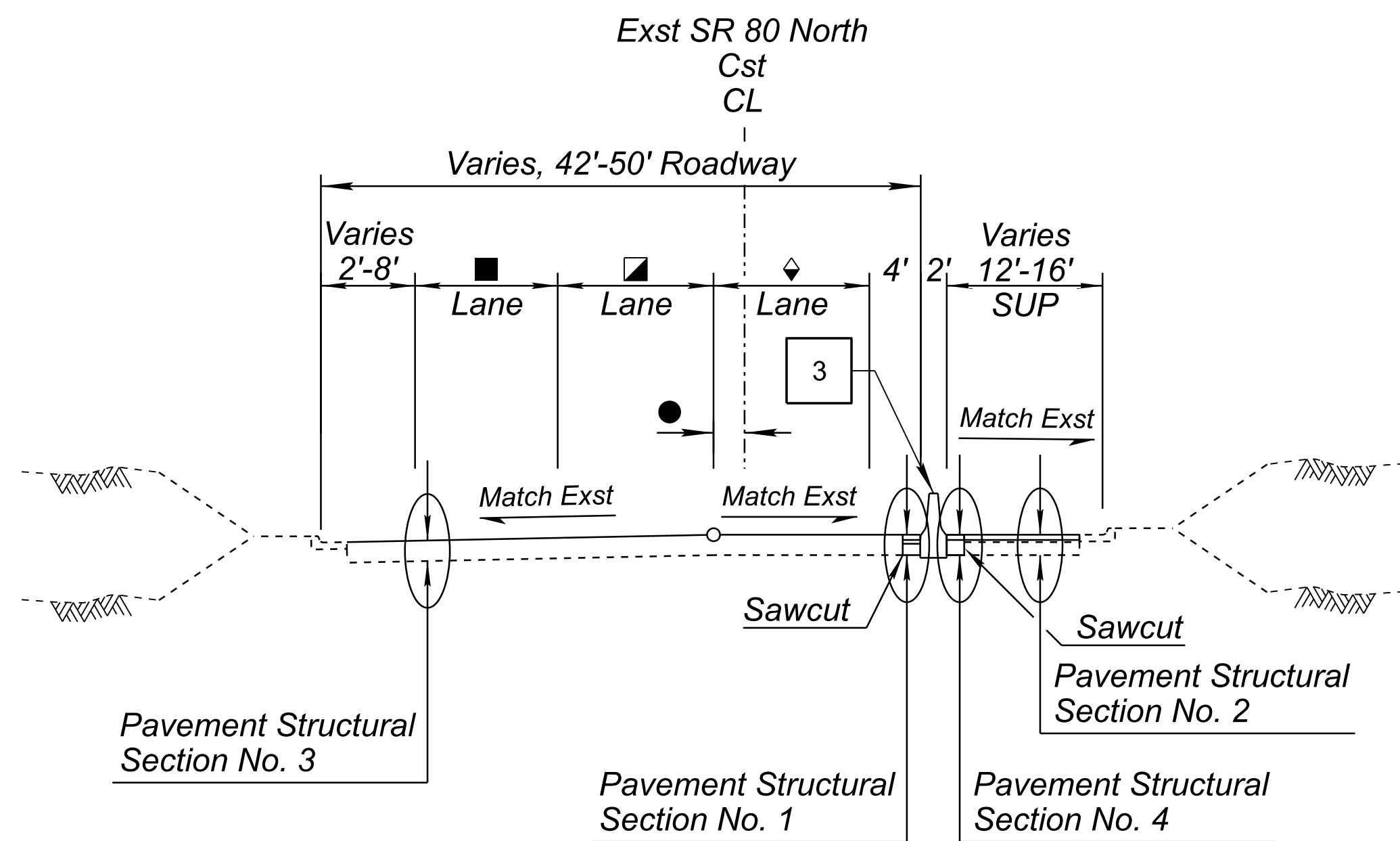
* See Differential Mill Detail
■ Exst Slip Ramp Cst Cl
■ Exst SR 80 Cst CL South



	NAME	DATE
DESIGN	TJB	06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

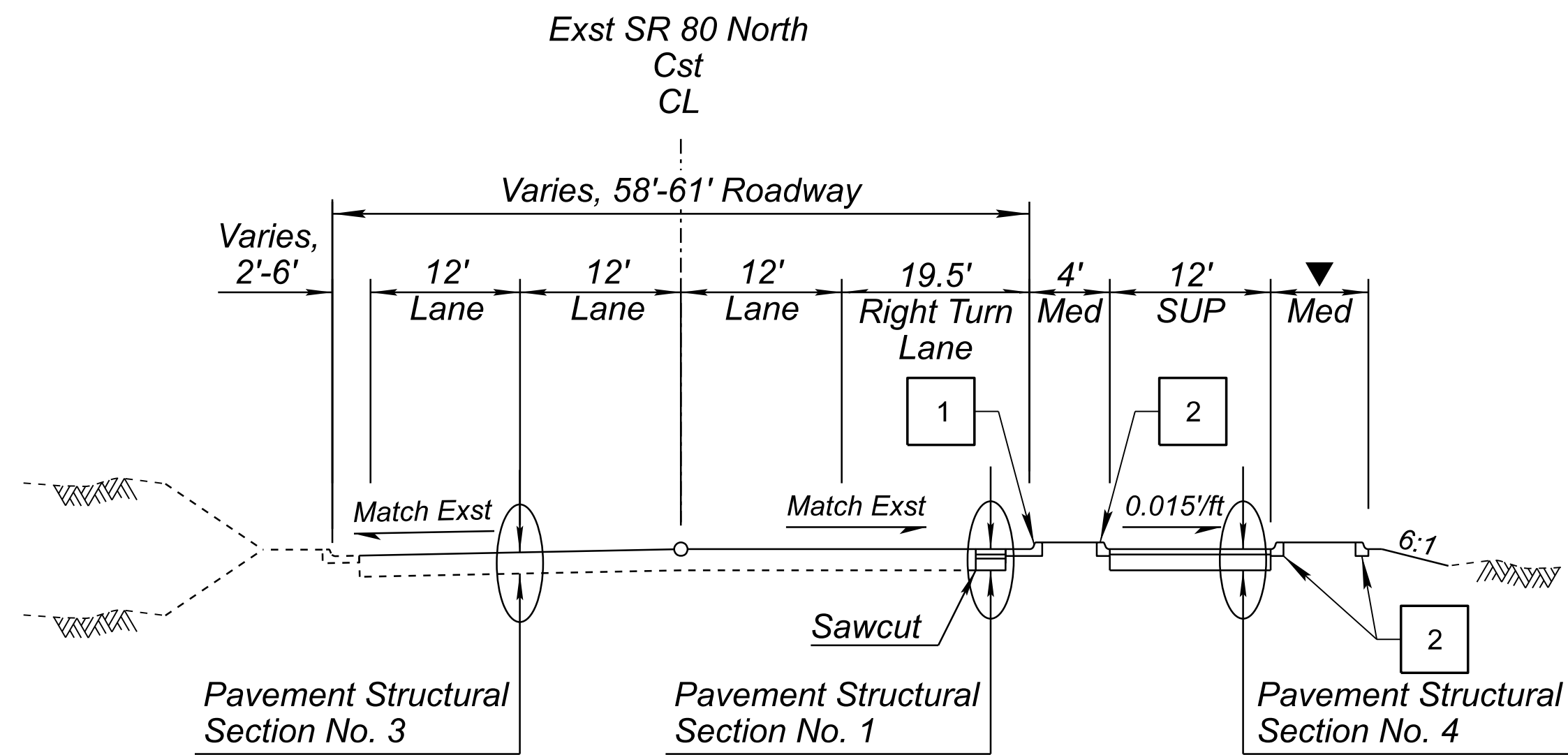
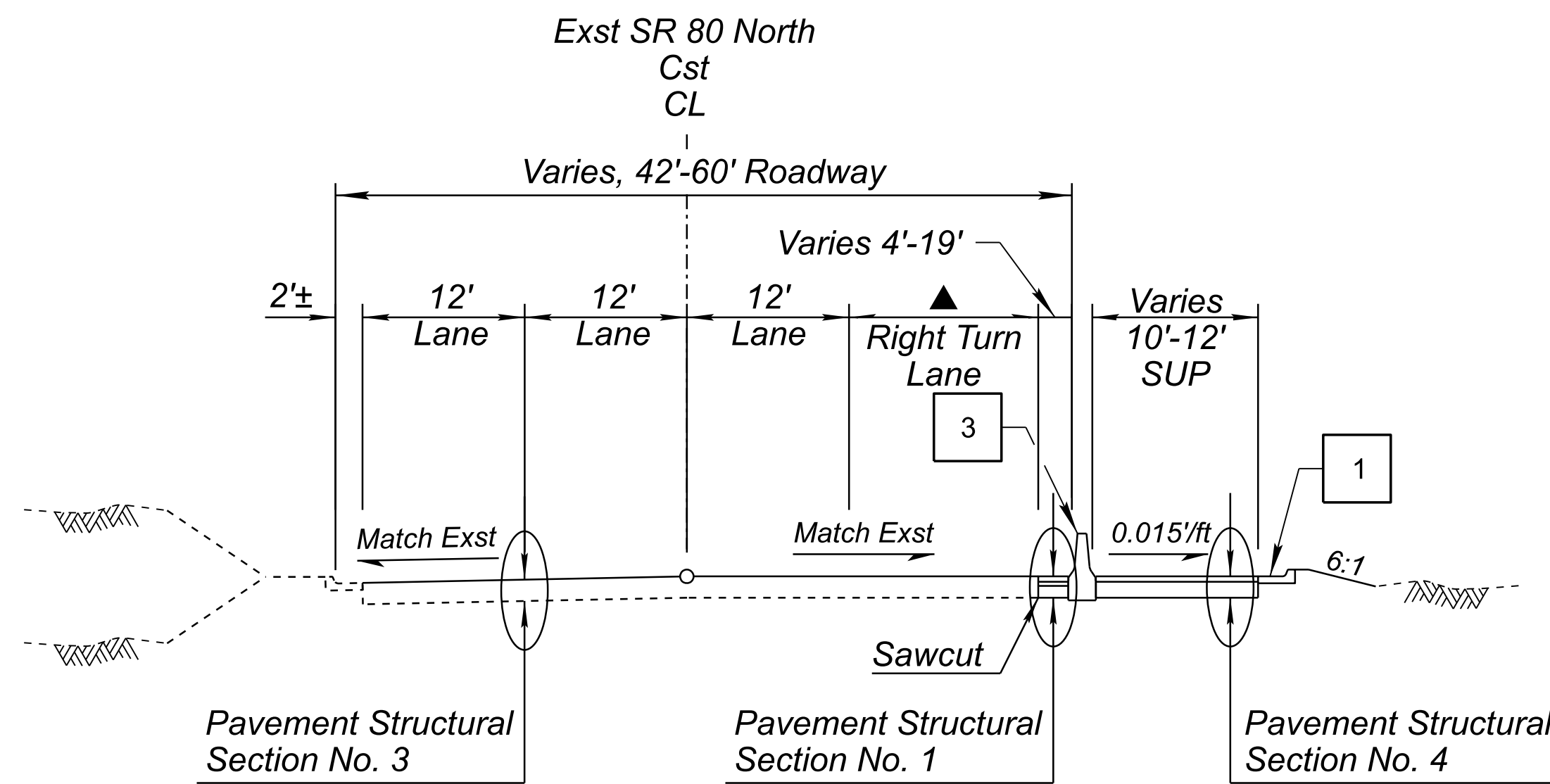
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CITY OF BISBEE	ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 3	TOTAL SHEETS 66	RECORD DRAWING
TYPICAL SECTIONS SR 80	MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET	TRACS NO. T0413 01C	DWG NO. G-02.01	OF			



- Sta 501+40.00 to 505+65.00, *Varies 12'-23'*
Sta 510+44.00 to 515+30.00, 12'
Sta 516+25.00 to 519+00.00, 12'
Sta 525+66.00 to 530+48.00, 12'
- ▣ Sta 501+40.00 to 505+65.00, 0'
Sta 510+44.00 to 515+30.00, 12'
Sta 516+25.00 to 519+00.00, 12'
Sta 525+66.00 to 530+48.00, 12'
- ◆ Sta 501+40.00 to 505+65.00, *Varies 24'-12.69'*
Sta 510+44.00 to 515+30.00, 12'
Sta 516+25.00 to 519+00.00, 12'
Sta 525+66.00 to 530+48.00, 12'
- Sta 501+40.00 to 505+65.00, *Varies 15.02'-3.69'*
Sta 510+44.00 to 515+30.00, 2
Sta 516+25.00 to 519+00.00, *Varies 2'-1.33'*
Sta 525+66.00 to 530+48.00, *Varies 0'-0.68'*

Sta 501+40.00 to 505+65.00
Sta 510+44.00 to 515+30.00
Sta 516+25.00 to 519+00.00
Sta 525+66.00 to 530+48.00



1 New Conc Curb & Gutter
Std C-05.10, Type D

2 New Conc Curb
Std C-05.10, Type A

3 New Conc Barrier
Std C-10.41

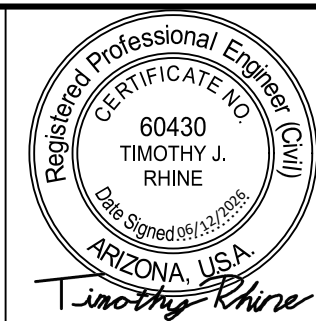
4 New Variable Height Conc Barrier
Std C-10.44

Sta 532+20.60 to 534+15.56

▲ Sta 533+10.00 to 534+10.00, *Varies 0' to 17.5'*
Sta 534+00.00 to 534+15.56, 17.5'

Sta 534+15.56 to 536+14.73

▼ Sta 534+15.56 to 535+39.69, 6'
Sta 535+39.69 to 535+68.72, *Varies 6'-20'*
Sta 535+68.72 to 536+14.73, 20'



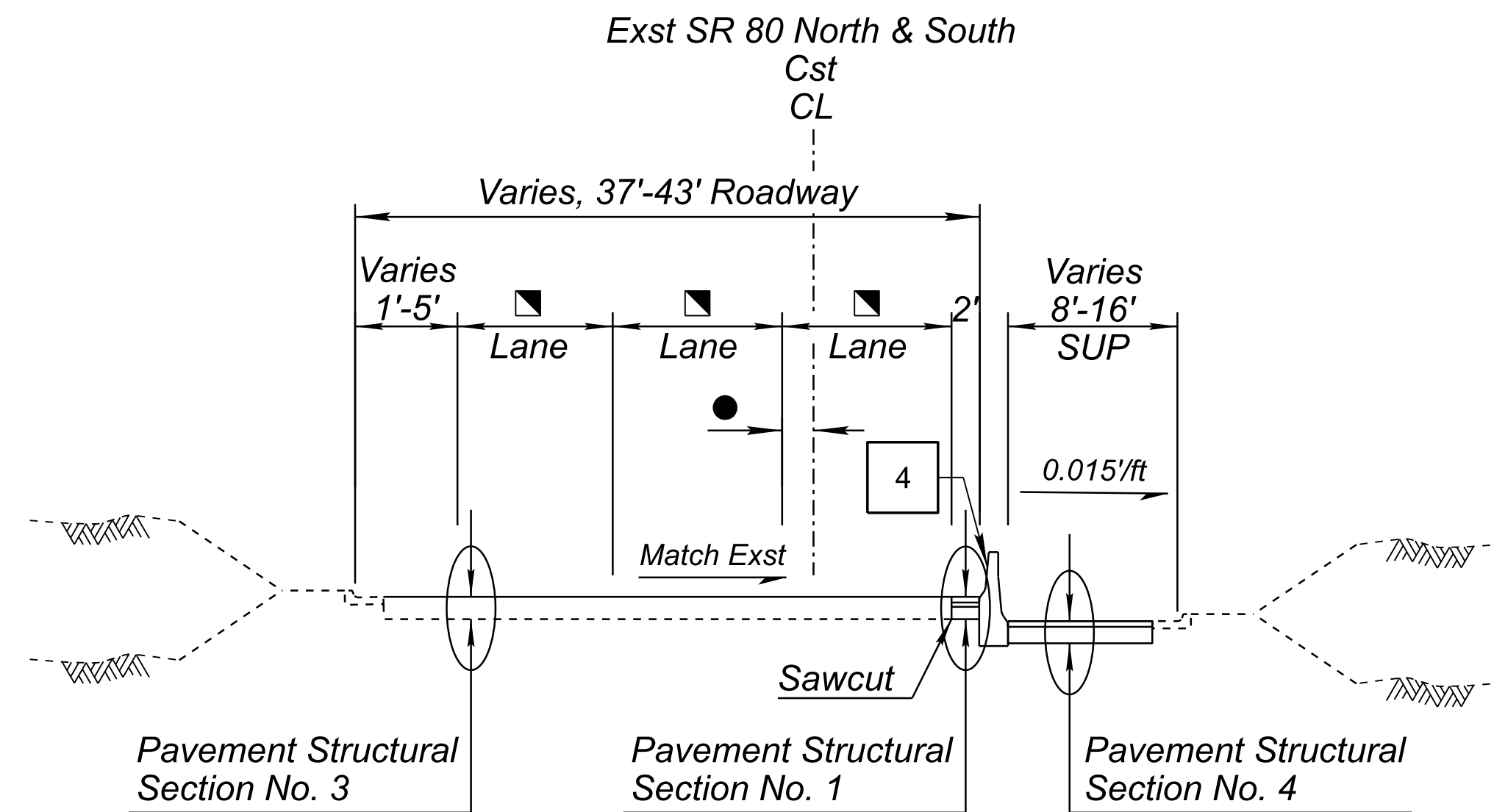
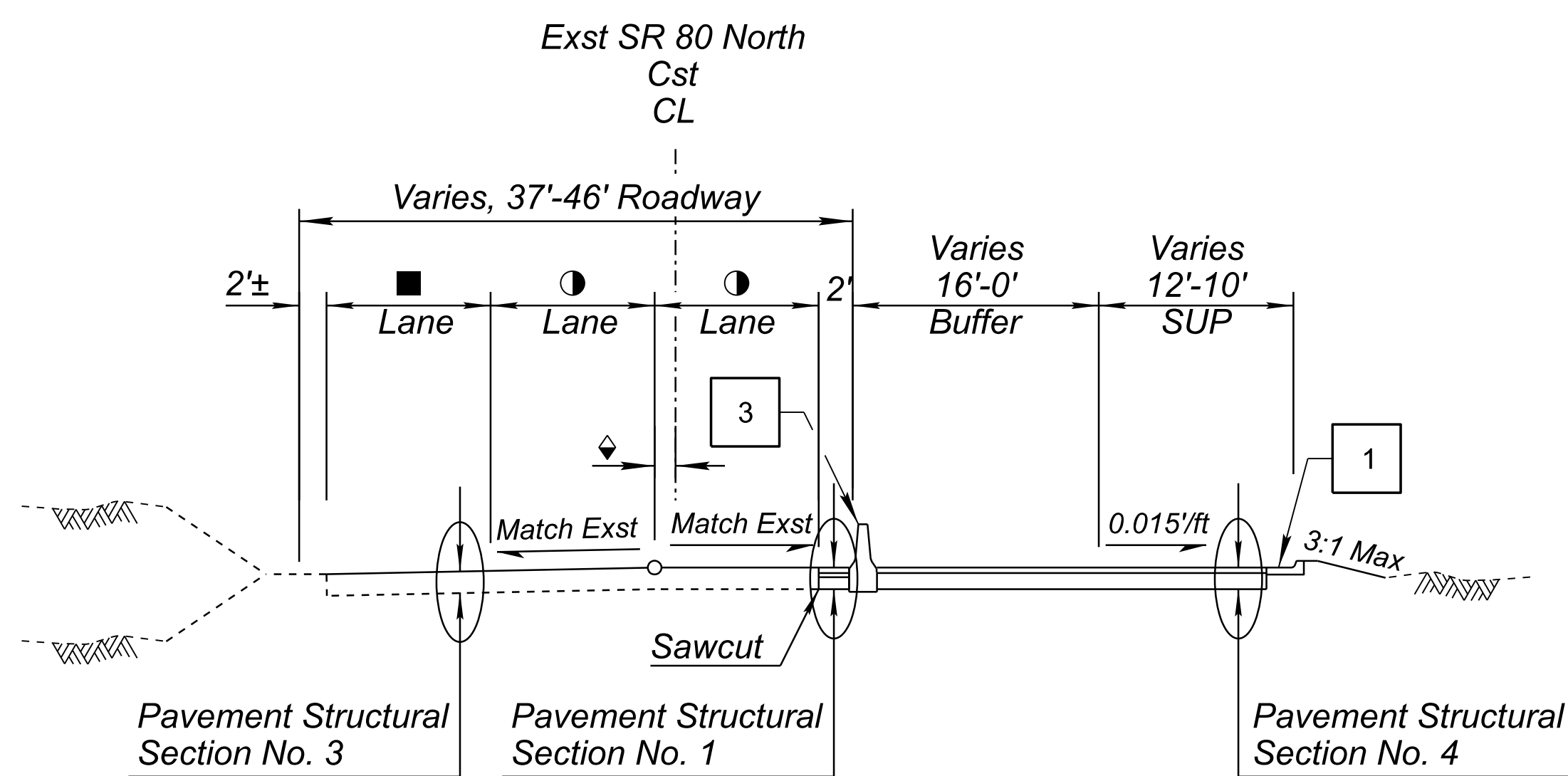
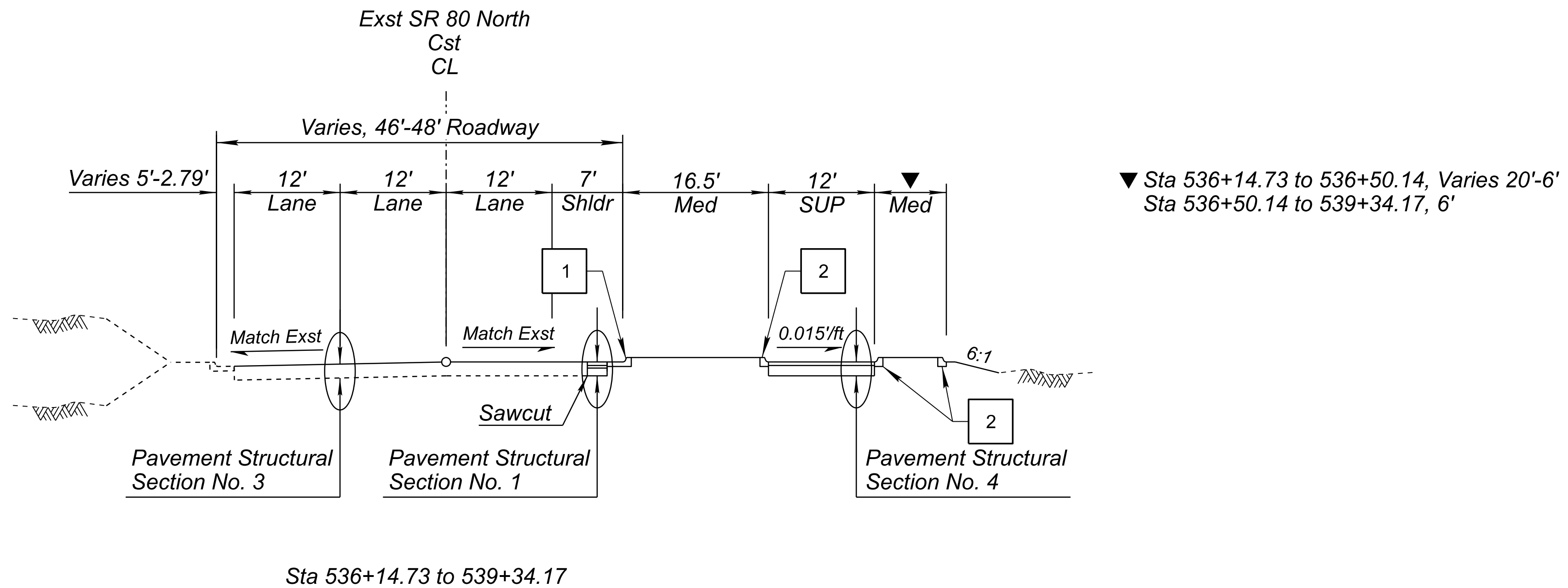
	NAME	DATE
DESIGN	TJB	06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

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CITY OF BISBEE

TYPICAL SECTIONS
SR 80

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 4	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET						DWG NO. G-02.02
STRUCTURE NO.	TRACS NO. T0413 01C						OF



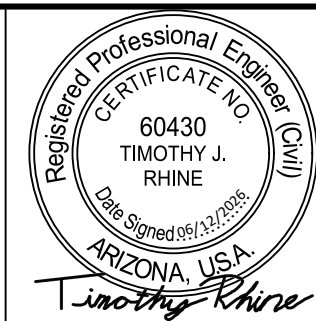
- Sta 539+34.17 to 539+65.00, 12'
- Sta 539+65.00 to 540+65.00, Varies 12' to 11'
- Sta 540+65.00 to 540+90.77, 11'
- Sta 539+34.17 to 539+60.00, 12'
- Sta 539+60.00 to 540+65.00, Varies 12' to 11'
- Sta 540+65.00 to 540+90.77, 11'
- ◆ Sta 539+34.17 to 539+60.00, 0'
- Sta 539+60.00 to 540+78.82, Varies 0' to 2'
- Sta 540+78.82 to 540+90.77, 2'

- Sta 540+90.77 to 541+50.00, 11'
- Sta 541+50.00 to 542+50.00, Varies 11' to 12'
- Sta 540+65.00 to 543+22.00, 12'
- Sta 545+68.00 to 551+03.00, 12'
- Sta 552+70.00 to 556+85.00, 12'

- Sta 540+90.77 to 541+50.00, 2'
- Sta 541+50.00 to 542+50.00, Varies 2' to 0'
- Sta 540+65.00 to 543+22.00, 0'
- Sta 545+68.00 to 551+03.00, 0'
- Sta 552+70.00 to 556+17.67, 0'
- Sta 556+17.67 to 556+85.00, 0'

- 1 New Conc Curb & Gutter
Std C-05.10, Type D
- 2 New Conc Curb
Std C-05.10, Type A
- 3 New Conc Barrier
Std C-10.41
- 4 New Variable Height Conc Barrier
Std C-10.44

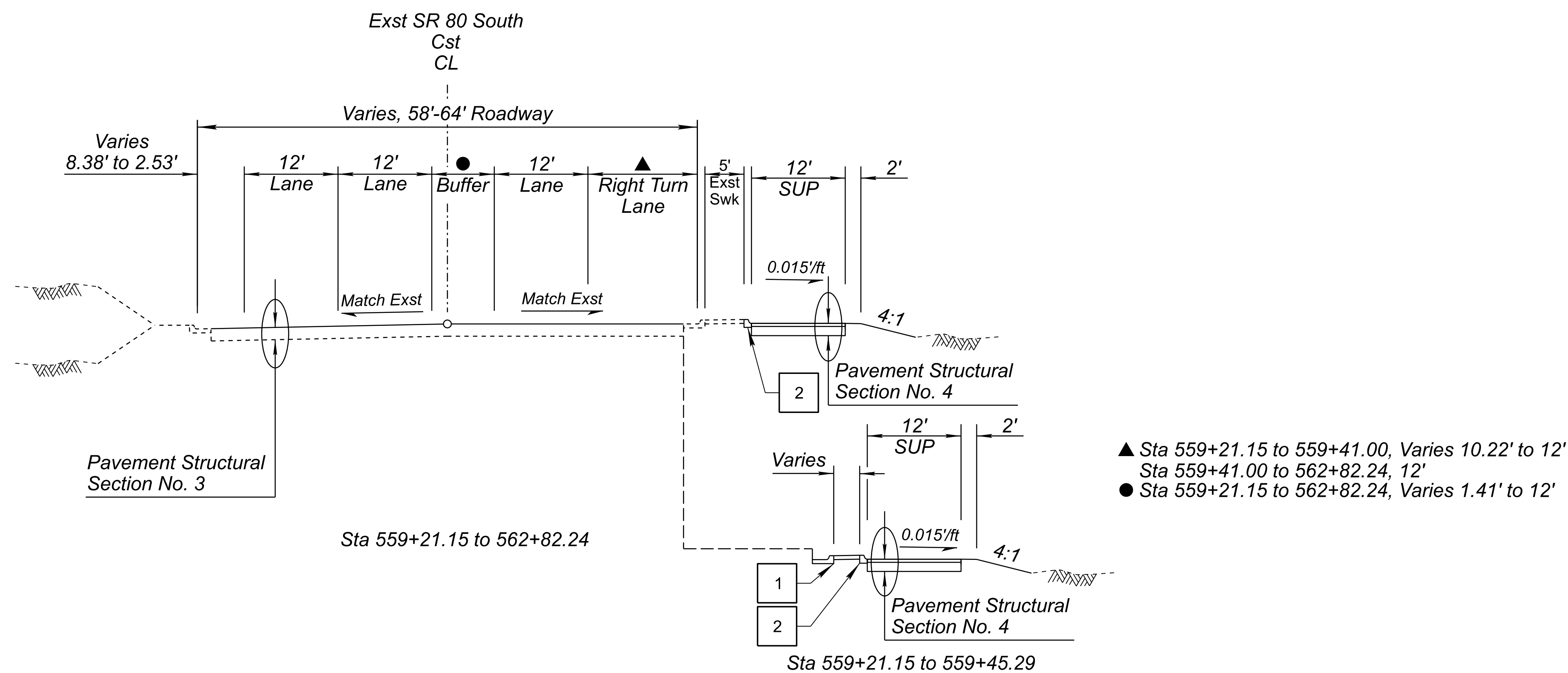
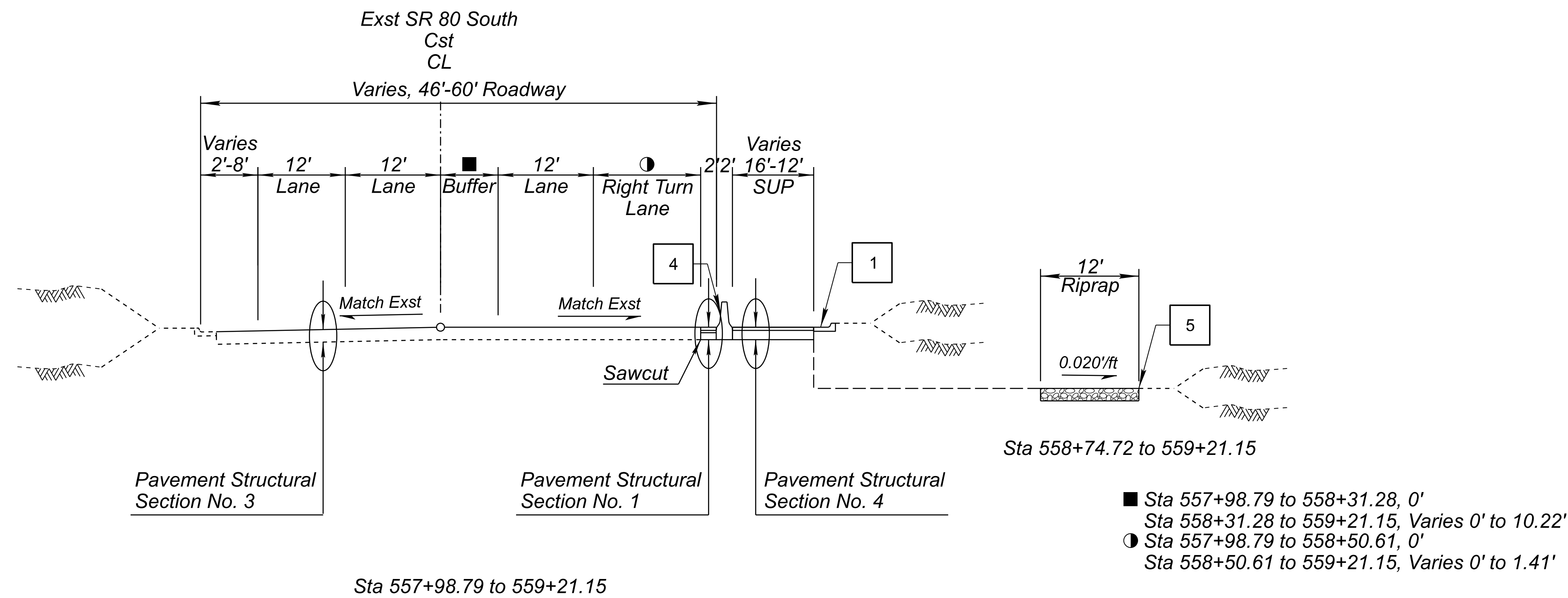
■ SR 80 Cst CL South



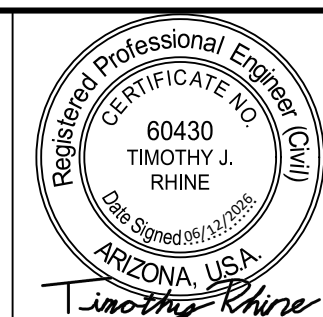
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DESIGN	TJB	06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

CITY OF BISBEE
TYPICAL SECTIONS SR 80

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 5	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET						DWG NO. G-02.03
STRUCTURE NO.	TRACS NO. T0413 01C		_____ OF _____				



- 1 New Conc Curb & Gutter
Std C-05.10, Type D
- 2 New Conc Curb
Std C-05.10, Type A
- 3 New Conc Barrier
Std C-10.41
- 4 New Conc Barrier
Std C-10.44
- 5 Dumped RipRap

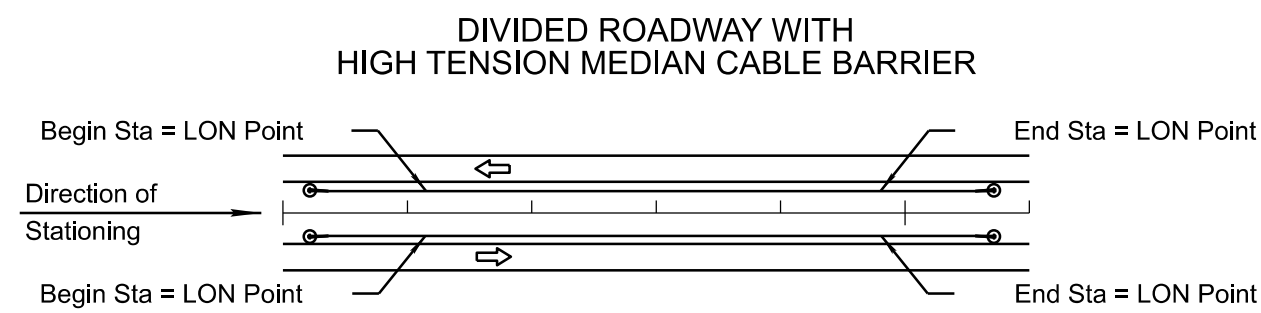


	NAME	DATE
DESIGN	TJB	06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

Kimley»Horn

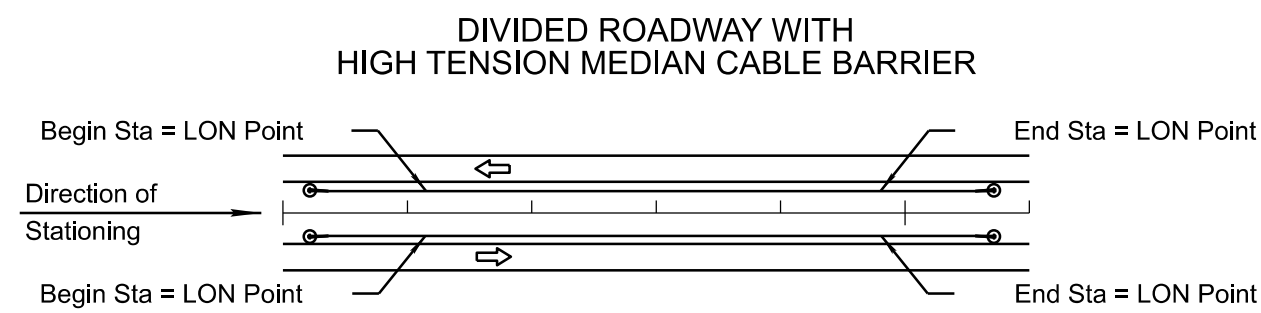
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CITY OF BISBEE	ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 6	TOTAL SHEETS 66	RECORD DRAWING
	MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET						DWG NO. G-02.04
TYPICAL SECTIONS SR 80	STRUCTURE NO.	TRACS NO. T0413 01C						____ OF ____



THE ZEROS IN PARENTHESES (0.0) INDICATE THE DIMENSIONAL PRECISION FOR THAT COLUMN ● LENGTH IS MEASURED FROM END OF TERMINAL TO END OF TERMINAL.	○ SEE BRIDGE SHEETS FOR BRIDGE BARRIER DETAILS AND QUANTITIES ◆ SPECIFY TYPE 1 OR 2 UNDER 'REMARKS' △ SPECIFY GUTTER WIDTH UNDER "REMARKS"	☑ ALLOWABLE END TREATMENT OPTIONS ARE INDICATED WITH THE NUMBER '1' IN THE SPACE. BLANK SPACES ARE NOT VIABLE ALTERNATIVES ■ NOTE: FOR RECORD DRAWING PREPARATION - CIRCLE END TREATMENT INSTALLED
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8:57:26 AM	6/10/2026	TJ.Bulhoes	K:\TUC_Roadway\Worksheets\ADOT_PROJECTS\L_10_10_098063007_Bisbee SUP\dgn\Roadway\T0413_bsum01.dgn
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THE ZEROS IN PARENTHESES (0.0) INDICATE THE DIMENSIONAL PRECISION FOR THAT COLUMN

● LENGTH IS MEASURED FROM END OF TERMINAL TO END OF TERMINAL.

○ SEE BRIDGE SHEETS FOR BRIDGE BARRIER DETAILS AND QUANTITIES

◆ SPECIFY TYPE 1 OR 2 UNDER 'REMARKS'

△ SPECIFY GUTTER WIDTH UNDER "REMARKS"

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

▣ NOTE: FOR RECORD DRAWING PREPARATION - CIRCLE END TREATMENT INSTALLED

△ SPECIFY GUTTER WIDTH UNDER "REMARKS"

NOTE: FOR RECORD DRAWING PREPARATION - CIRCLE END TREATMENT INSTALLED

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 8	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET						DWG NO. C-01.02
STRUCTURE NO.	TRACS NO. T0413 01C		___ OF ___				

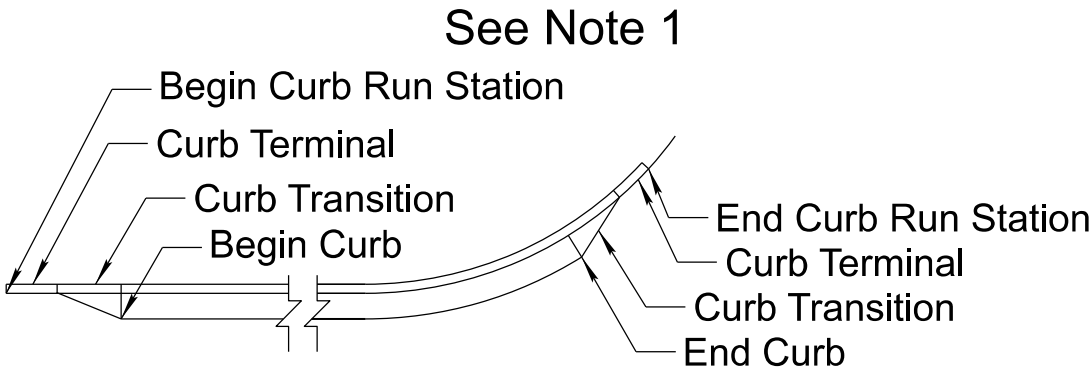
Station	LOCATION	SINGLE CURB	CURB & GUTTER													VALLEY GUTTER, DRIVEWAY, SIDEWALK, RAMPS & SLABS													FENCE						
			X Plan Reference Number Remove Exst Concrete Curb (Lin Ft) (Bid Item 2020020) Type 'A' or 'A1'; See Remarks Std C-05.10 (Lin Ft) (Bid Item 9080041) Enbankment Curb Std C-05.10 (Lin Ft) Type 'A' PAG (Lin Ft) Type 1 Std C-05.12 Type 2 Std C-05.12 Type 3 Std C-05.12 Type 4 Std C-05.12 Type 6 Std C-05.12 Type 7 Std C-05.12 Type 8 Std C-05.12 Type 9 Std C-05.12 Detail Remove Exst Concrete Curb & Gutter (Lin Ft) (Bid Item 2020021) Type 'B' Std C-05.10 (Lin Ft) Type 'C' Std C-05.10 (Lin Ft) Type 'D' h=6" Std C-05.10 (Lin Ft) Type 'G' h=6" Std C-05.10 (Lin Ft) (Bid Item 9080084) Guardrail Terminal Flare Std C-10.77 (Lin Ft) Remove Exst Concrete Spillways & Slabs (Sq Ft) Valley Gutter & Apron Std C-05.10 or MAG Std 240 (Sq Ft) Concrete Driveway CC205.2 (Sq Ft) (Bid Item 2020025) Concrete Sidewalk Std C-05.20 (Sq Ft) Sidewalk Ramp, Type 'A' Std C-05.10 (Sq Ft) Sidewalk Ramp, Type 'B' Std C-05.10 (Sq Ft) Sidewalk Ramp, Type 'C' Std C-05.10 (Sq Ft) Sidewalk Ramp, Type 'D' Concrete Landing (Bid Item 9080297) (Sq Ft) Sidewalk Ramp, Type 'F' (Sq Ft) Detectable Warning Strip (Sq Ft) (Bid Item 9240038) Median Paving & Nose Taper See Remarks for Type (Sq Yd) Remove Exst Fence (Each) Remove Exst Fence Gate Fence Gate, Type 1, Single Fence, See Remarks for Type	TRANSITIONS (EA)																															
Slip Ramp 14+99.94, Rt	107	12																																Type A-1	
Slip Ramp 15+12.24, Lt & Rt	108																																		
SR 80 North 532+20.60, Rt	109																																		
SR 80 North 534+16.74, Rt	110	341																																Type A-1	
SR 80 North 534+15.56, Rt	111																																		
SR 80 North 534+15.56, Rt	112	159																																Type A-1	
SR 80 North 535+64.98, Rt	113																																		
SR 80 North 536+14.73, Rt	114	657																																Type A-1	
SR 80 North 536+15.16, Rt	115																																		
SR 80 North 536+16.73, Rt	116																																		
SR 80 North 536+15.16, Rt	117	357																																Type A-1	
SR 80 North 539+27.83, Rt	118																																		
SR 80 South 557+98.79, Rt	119																																	Curb Terminal Section at End	
SR 80 South 559+21.15, Rt	120	372																																Type A-1	
SR 80 South 559+21.62, Rt	121																																		
SR 80 South 562+32.07, Rt	122																																		
SR 80 South 562+65.97, Rt	123																																		
SR 80 North 562+03.86, Rt	124																																	5	
	Sheet Total	1,898																																216	5

- NOTES:
1. Transition lengths are included in the respective Curb & Gutter quantity and will not be paid separately.

2. Curb terminal section quantities will not be paid separately and are included in the respective Curb & Gutter Quantities.

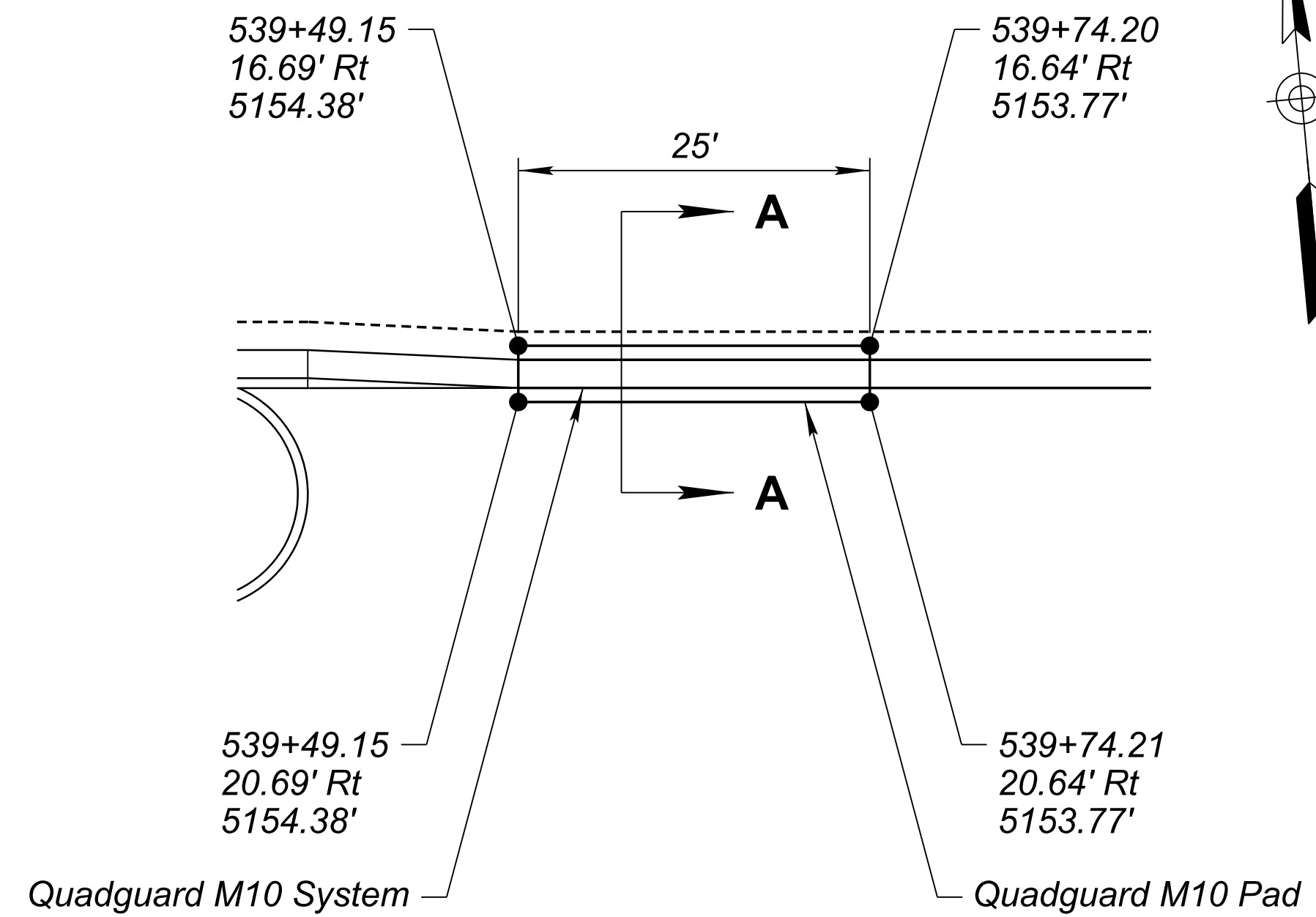
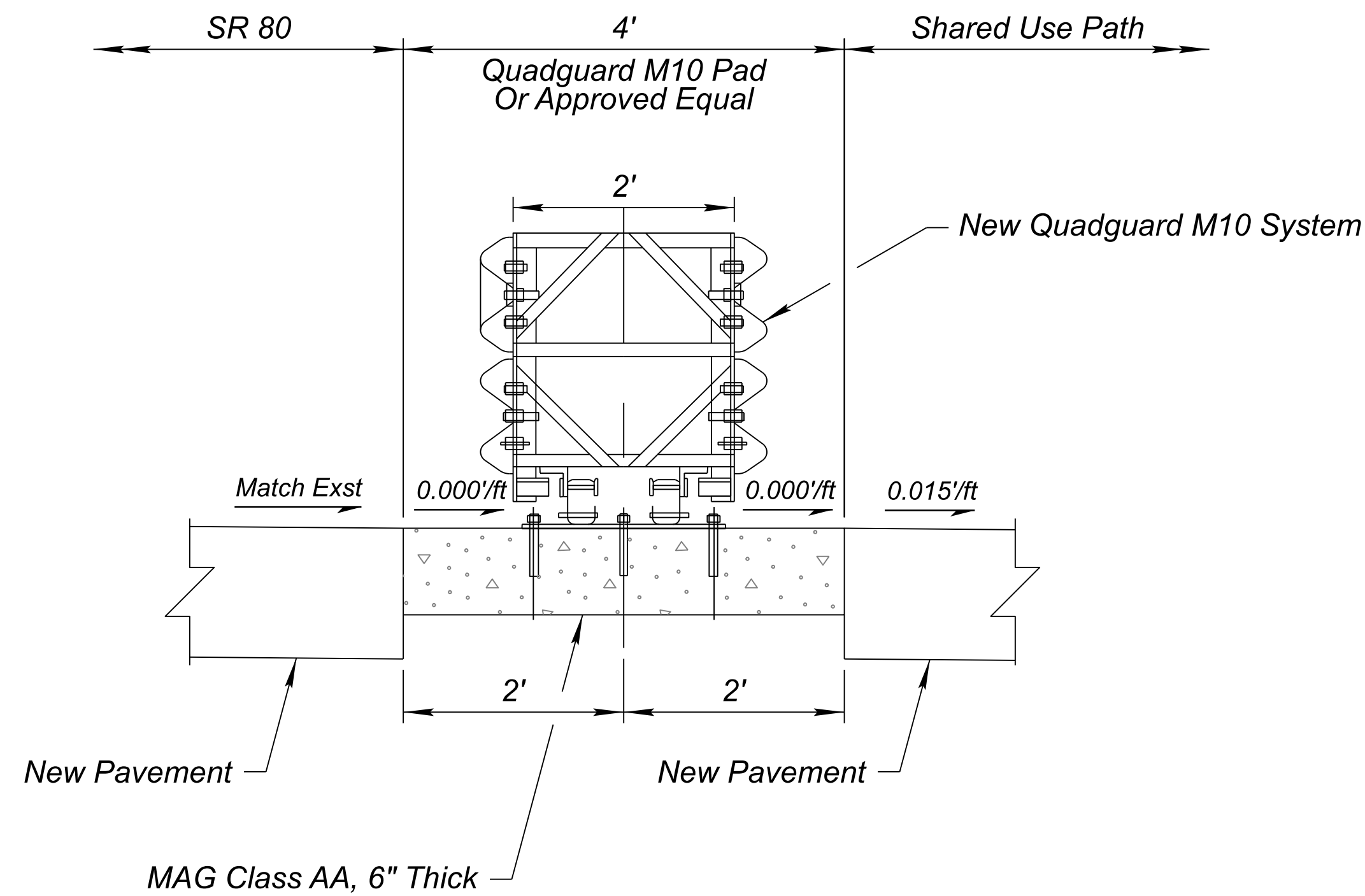
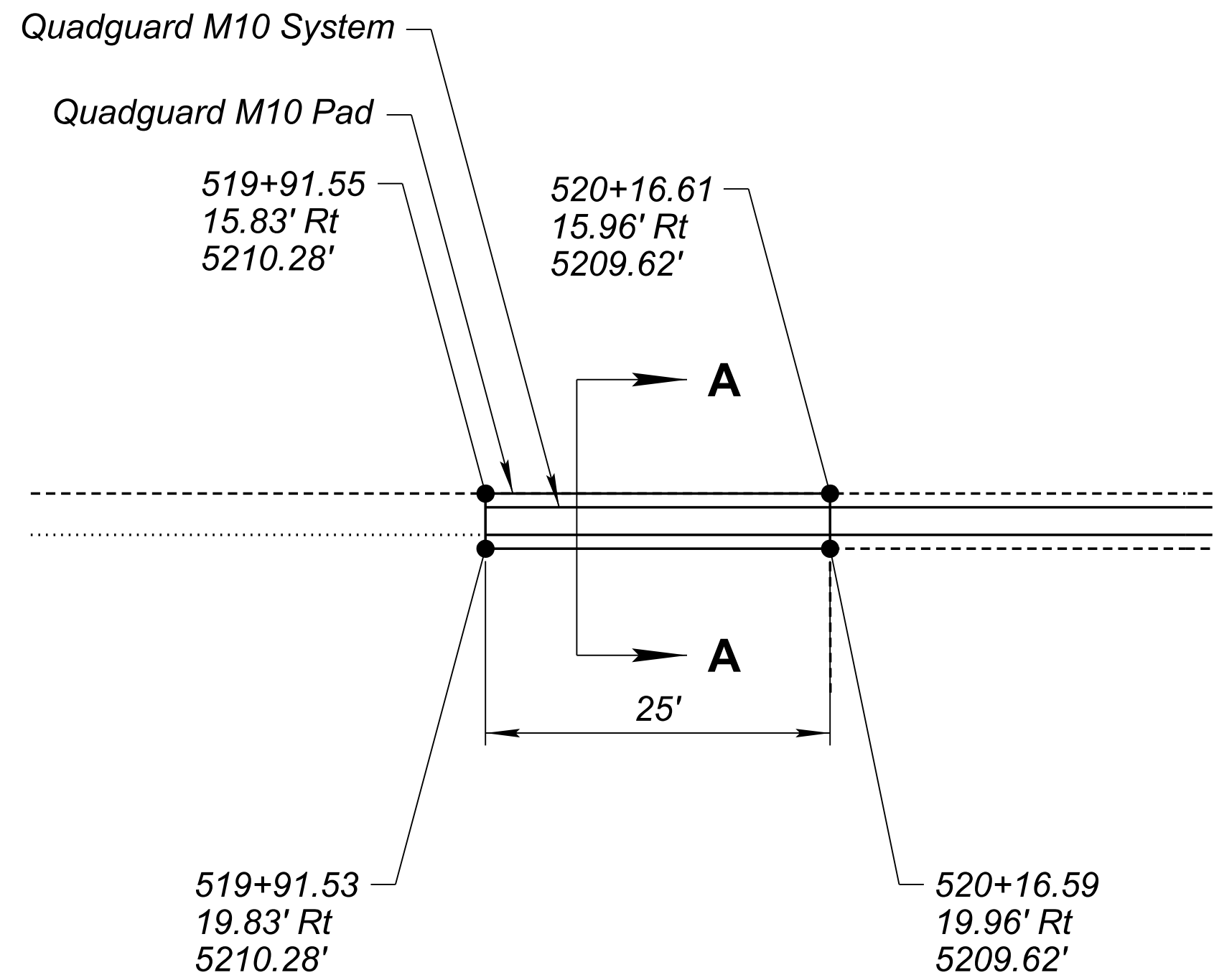
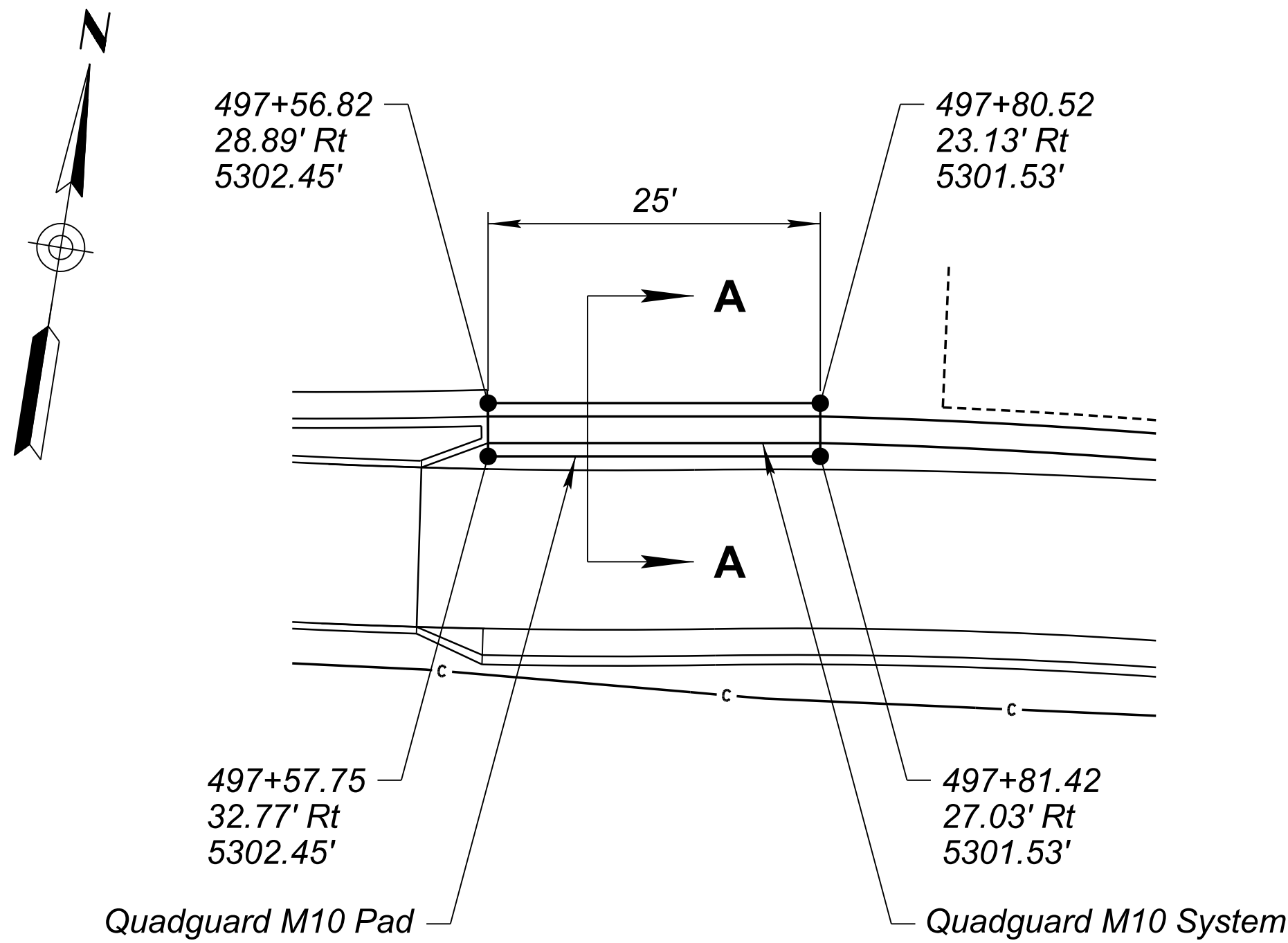
3. Variable gutter width quantities at guardrail end terminal and crash cushion locations will not be paid separately and are included in the respective Curb & Gutter Quantities.

4. Lip curb quantities at thrie beam locations will not be paid separately and are included in the respective Curb & Gutter Quantities.



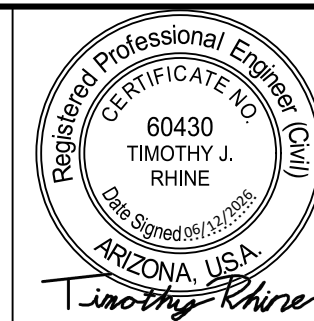
Curb Run Begin and End Stationing

Registered Professional Engineer CERTIFICATE NO. 60430 TIMOTHY J. RHINE Date Signed 06/12/2026 ARIZONA, U.S.A. <i>Timothy Rhine</i>	DESIGN	TJB	NAME	DATE	CITY OF BISBEE	ROUTE	SR 80	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING			
	DRAWN	TJB		06/26													
	CHECKED	TJR		06/26													
	Kimley»Horn					ROADWAY SUMMARY SHEET	LOCATION OLD BISBEE - ERIE STREET								DWG NO. C-01.04		
							TRACS NO. T0413 01C								___ OF ___		



SECTION A-A

DETAIL A QUADGUARD M10 ATTENUATOR

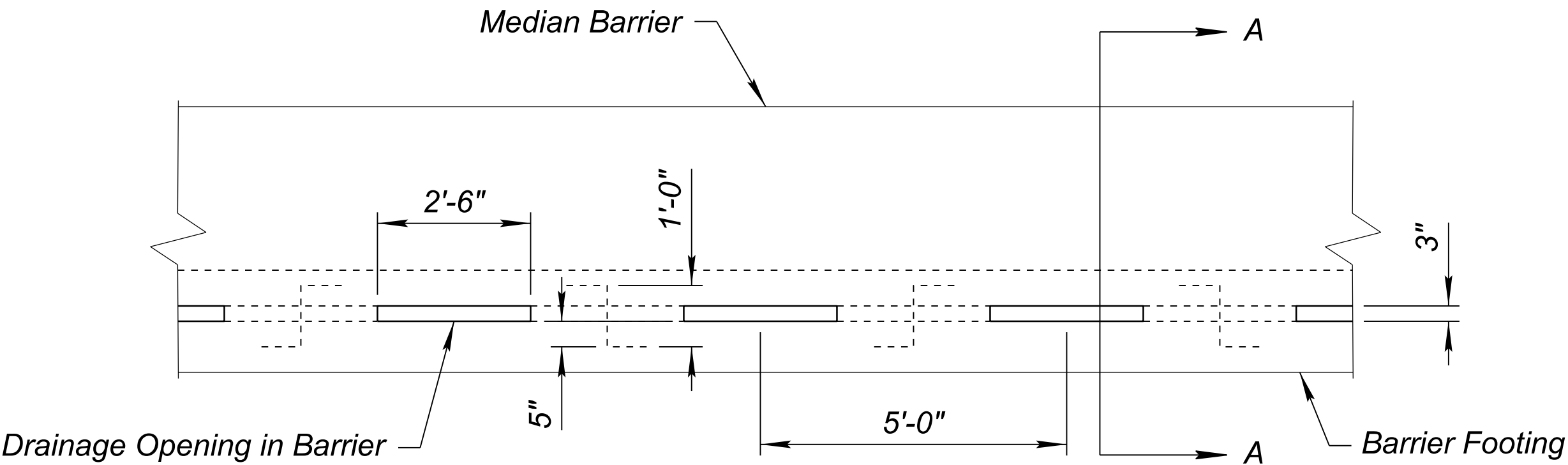


	NAME	DATE
DESIGN	TJB	06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

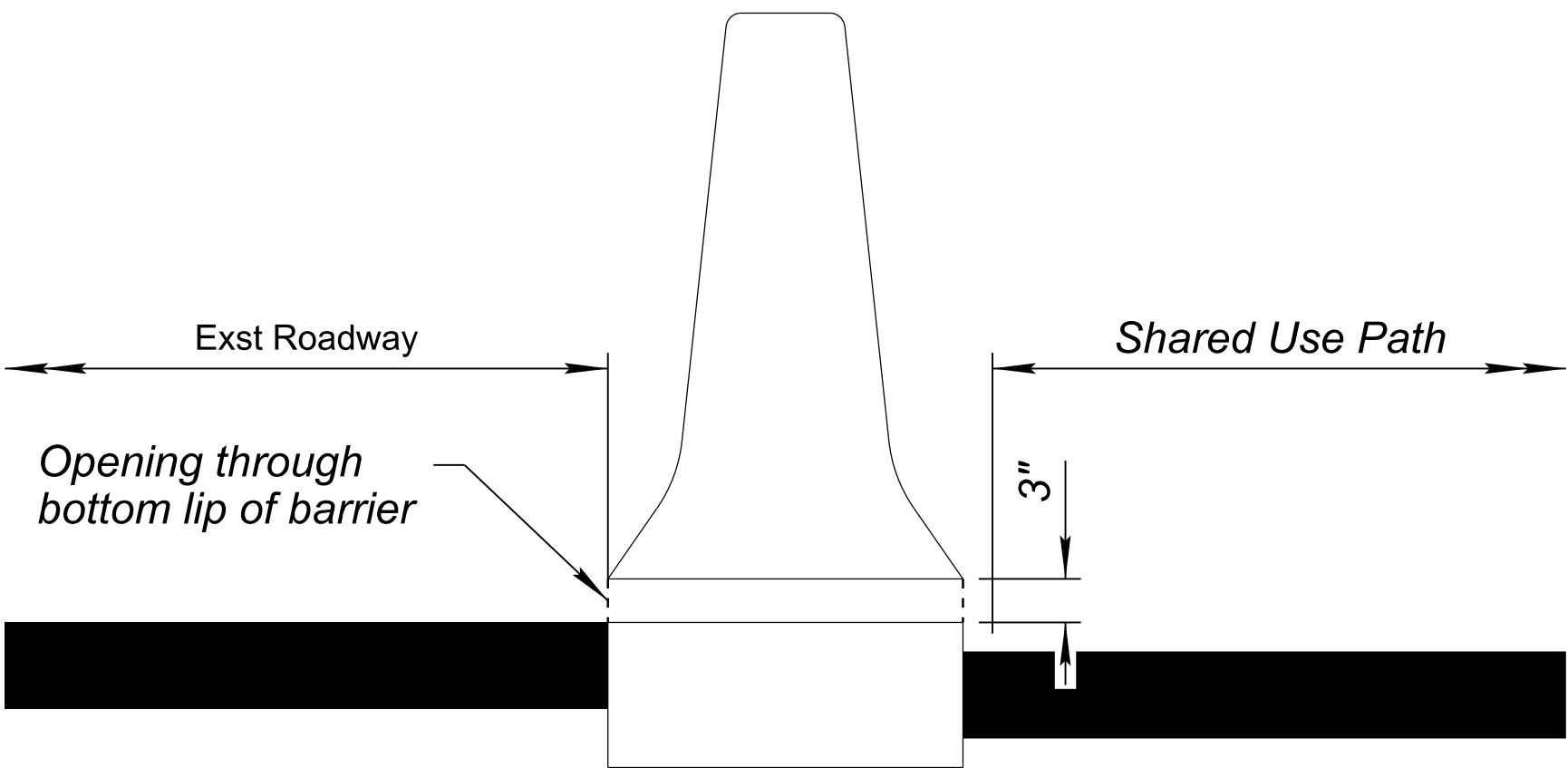
Kimley»Horn

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CITY OF BISBEE	ROUTE SR 80	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	MILEPOST 342		ARIZ.	080 CH BIS	BIS-0(204)T	12	66	
QUADGUARD M10 ATTENUATOR DETAIL		LOCATION OLD BISBEE - ERIE STREET						DWG NO. C-02.01
	STRUCTURE NO.	TRACS NO. T0413 01C						___ OF ___



ELEVATION VIEW



SECTION A-A

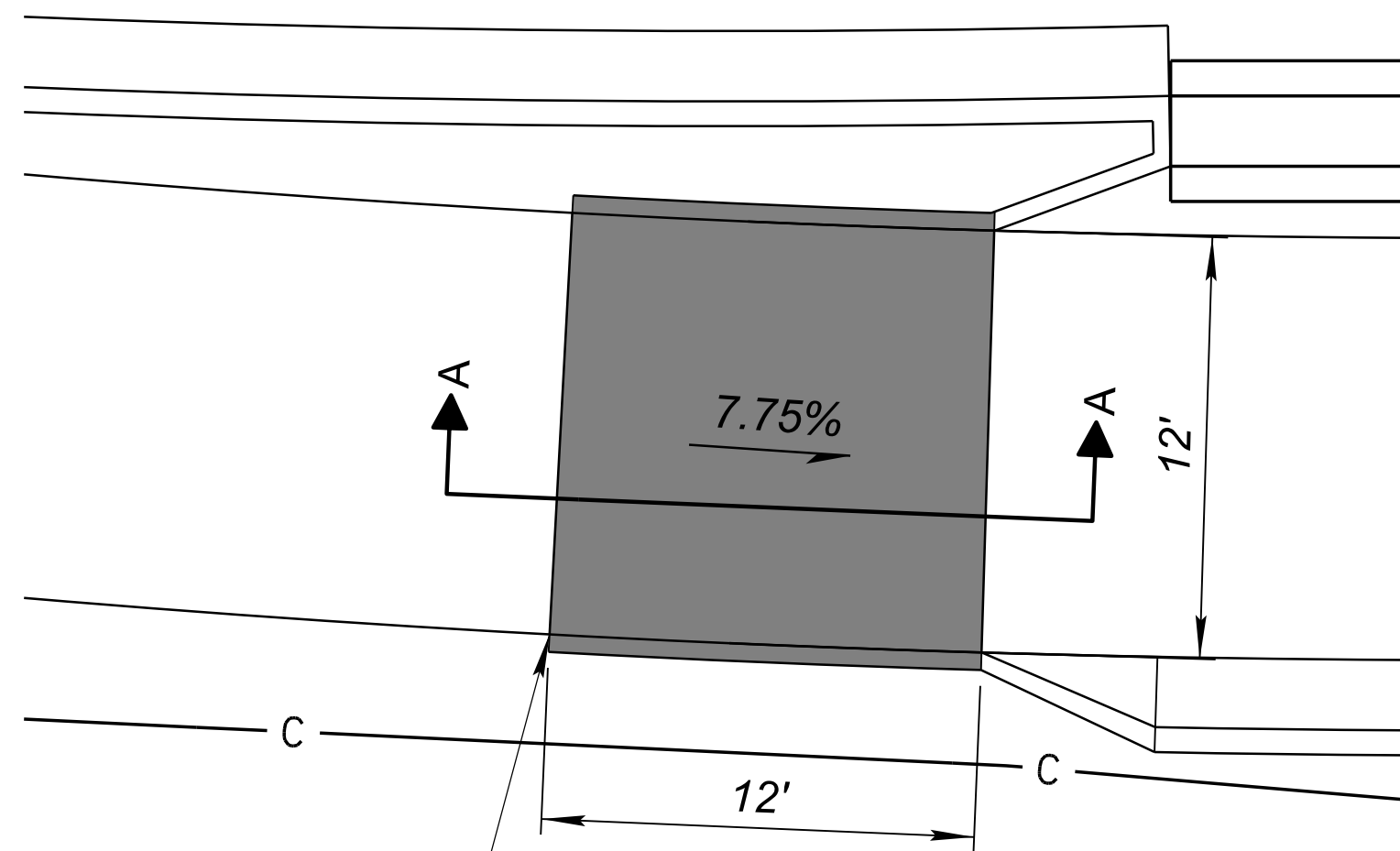
GENERAL NOTES

1. See ADOT Std. Dwg. No. C-10.41 for notes and details not shown.
2. Drainage openings shall be provided on the entire length of barrier throughout the project limits.

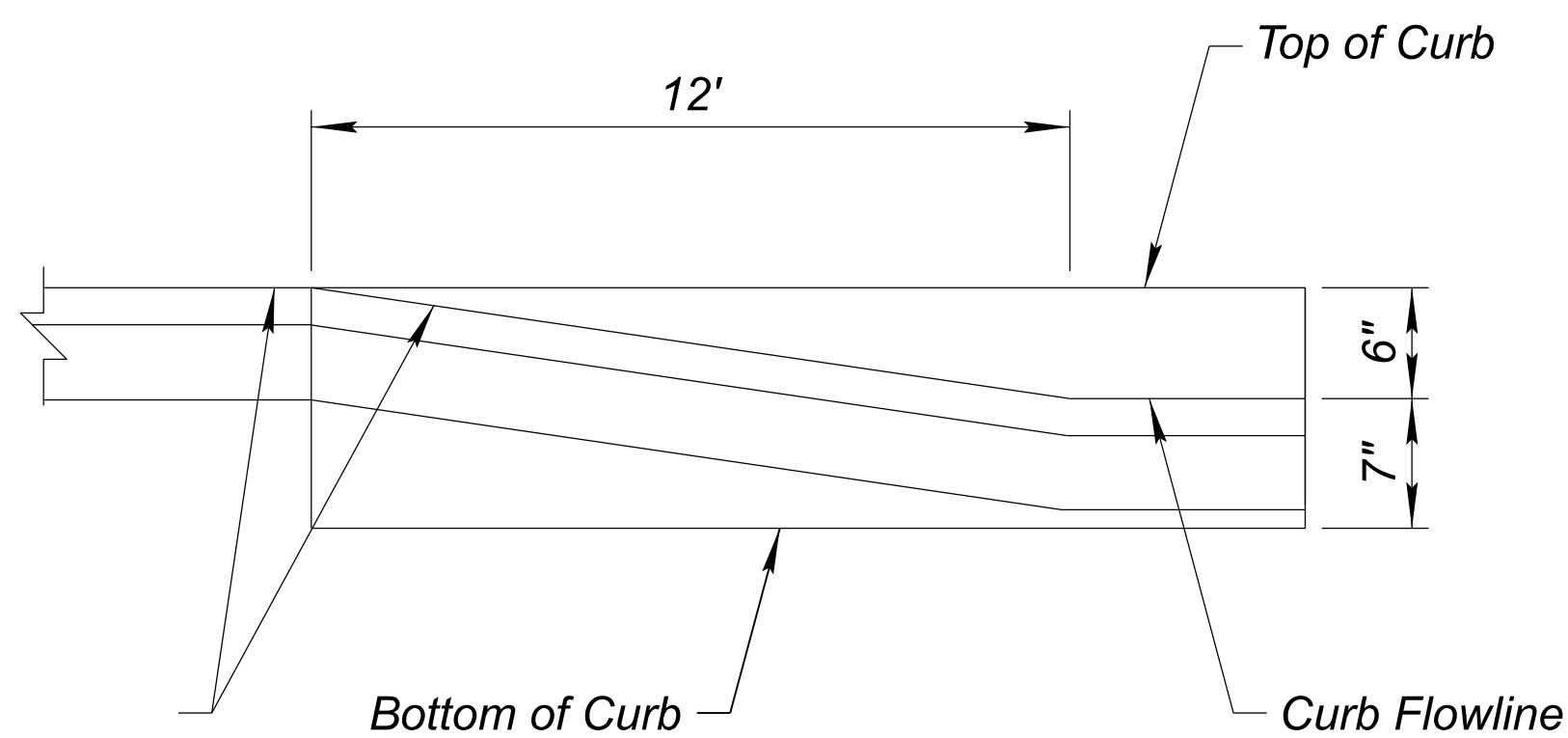
DETAIL B

DRAINAGE OPENING IN BARRIER

	NAME			DATE	CITY OF BISBEE	ROUTE	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING				
	DESIGN	TJB		06/26		SR 80			080 CH BIS	BIS-0(204)T	13	66					
	DRAWN	TJB		06/26		MILEPOST											
	CHECKED	TJR		06/26		342											
	Kimley»Horn					MODIFIED BARRIER DETAILS								STRUCTURE NO.	LOCATION OLD BISBEE - ERIE STREET		
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Sta 497+44.76
49.19' Rt



New Shared Use Path
(Pvmt Structural Section No. 1)

Bottom of Curb

Curb Flowline

Section A-A

DETAIL C

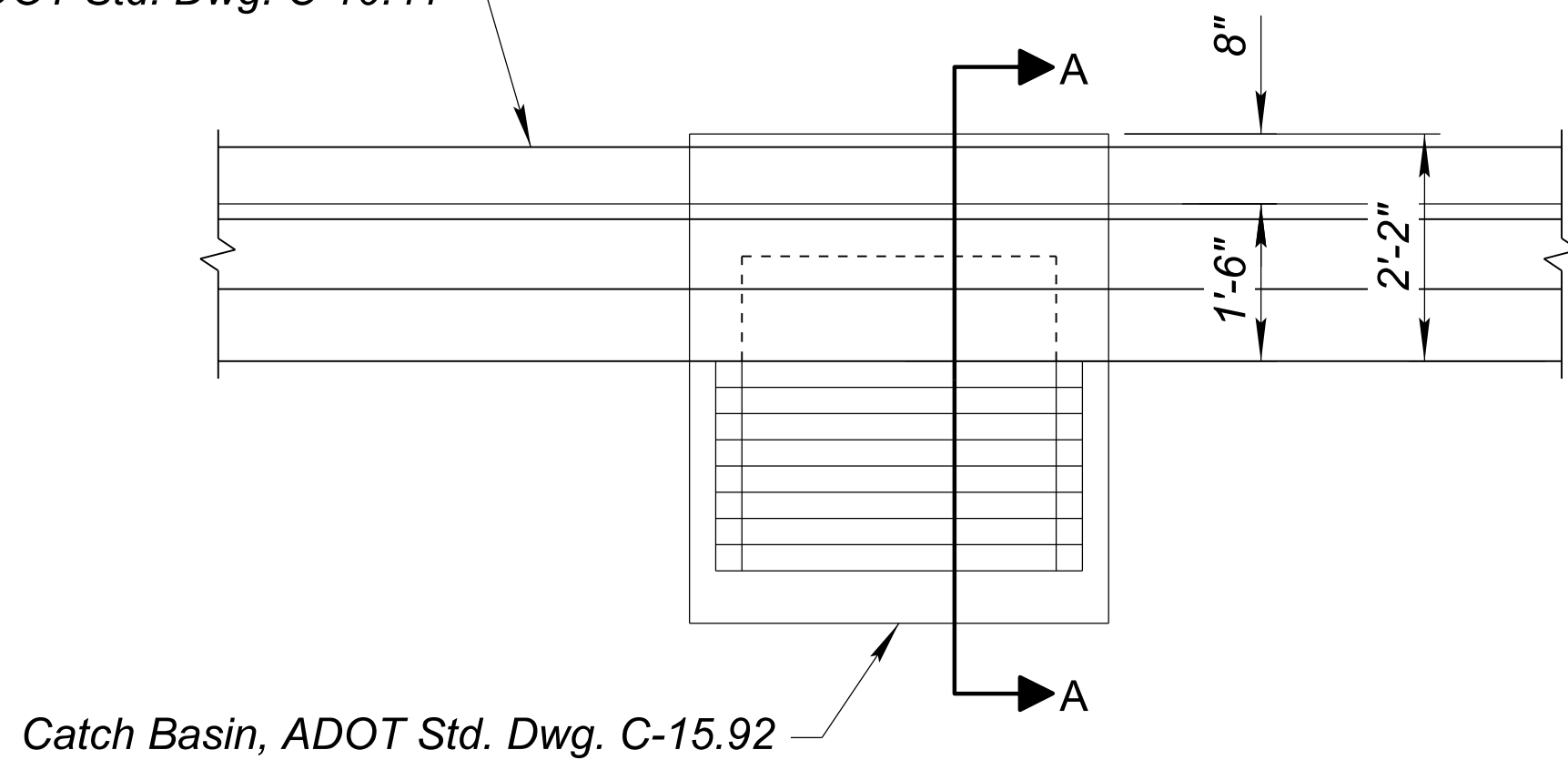
RAMP DETAIL



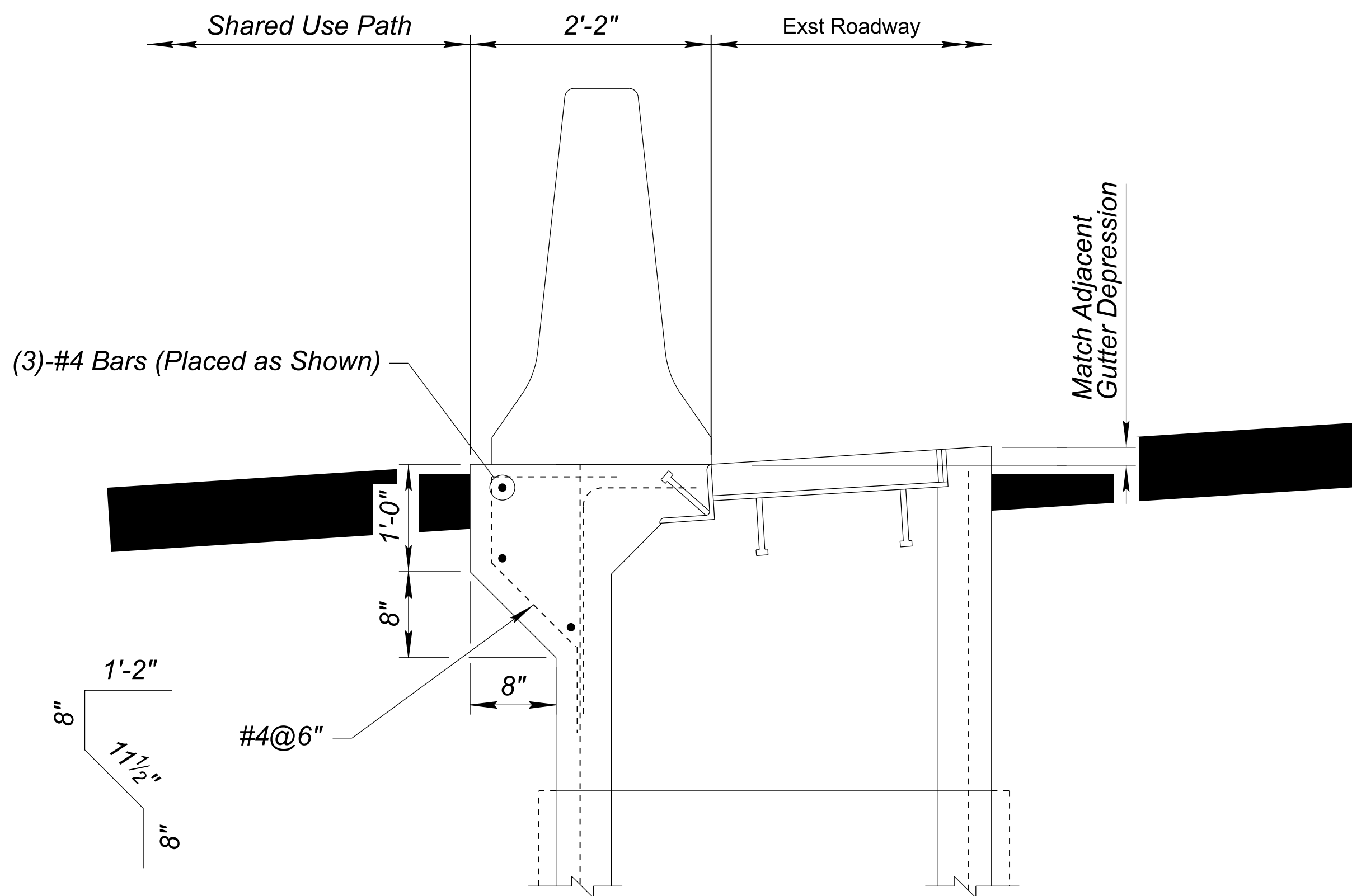
	NAME	DATE
DESIGN	TJB	06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

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Median Barrier, ADOT Std. Dwg. C-10.41



Catch Basin, ADOT Std. Dwg. C-15.92



(3)-#4 Bars (Placed as Shown)

#4@6"

Match Adjacent
Gutter Depression

SECTION A-A: CATCH BASIN WITH C-10.41 BARRIER

GENERAL NOTES

- See ADOT Std. Dwg. No. C-15.91 for catch basin general notes and details.
- Modify back wall of catch basin as shown in this detail to support the median barrier.

DETAIL D

MODIFIED CATCH BASIN DETAIL

CITY OF BISBEE

MODIFIED CATCH BASIN DETAIL

ROUTE
SR 80

MILEPOST
342

STRUCTURE NO.

F.H.W.A. Arizona Division

STATE
ARIZ.

PROJECT NO.
080 CH BIS

FEDERAL ID NO.
BIS-0(204)T

SHEET
NO.
14

TOTAL
SHEETS
66

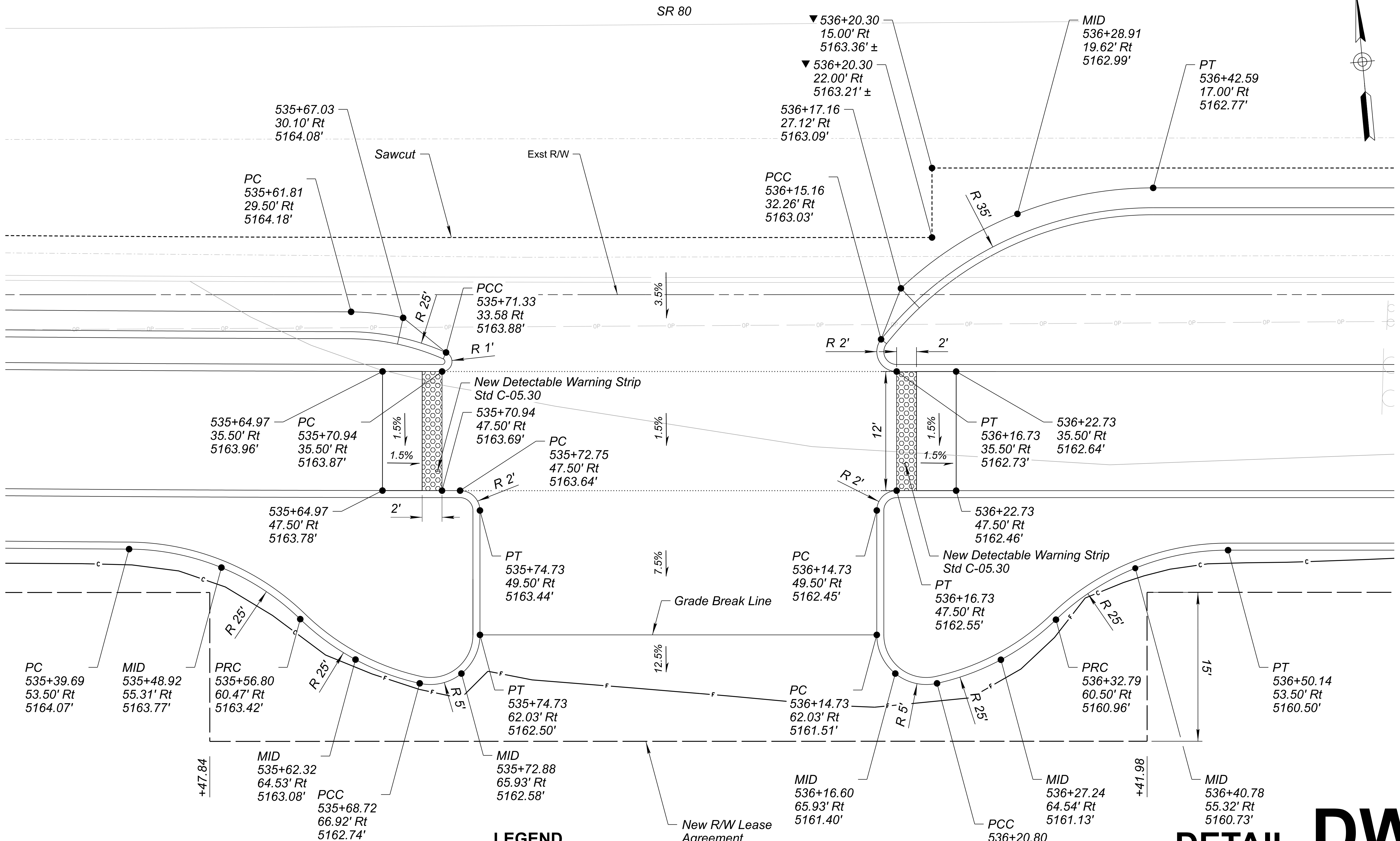
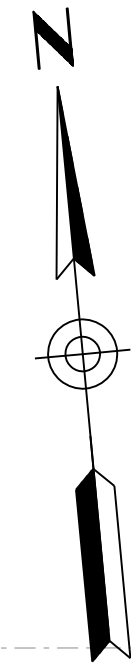
RECORD DRAWING

LOCATION OLD BISBEE - ERIE STREET

TRACS NO. T0413 01C

DWG NO. C-02.03

OF



- NOTES:**
1. All elevations are to the top of Pavement.
 2. Stations and offsets are based on the Exst SR 80 North Cst CL, unless noted otherwise.

LEGEND
▼ Match Exst

DETAIL DW1

DRIVEWAY

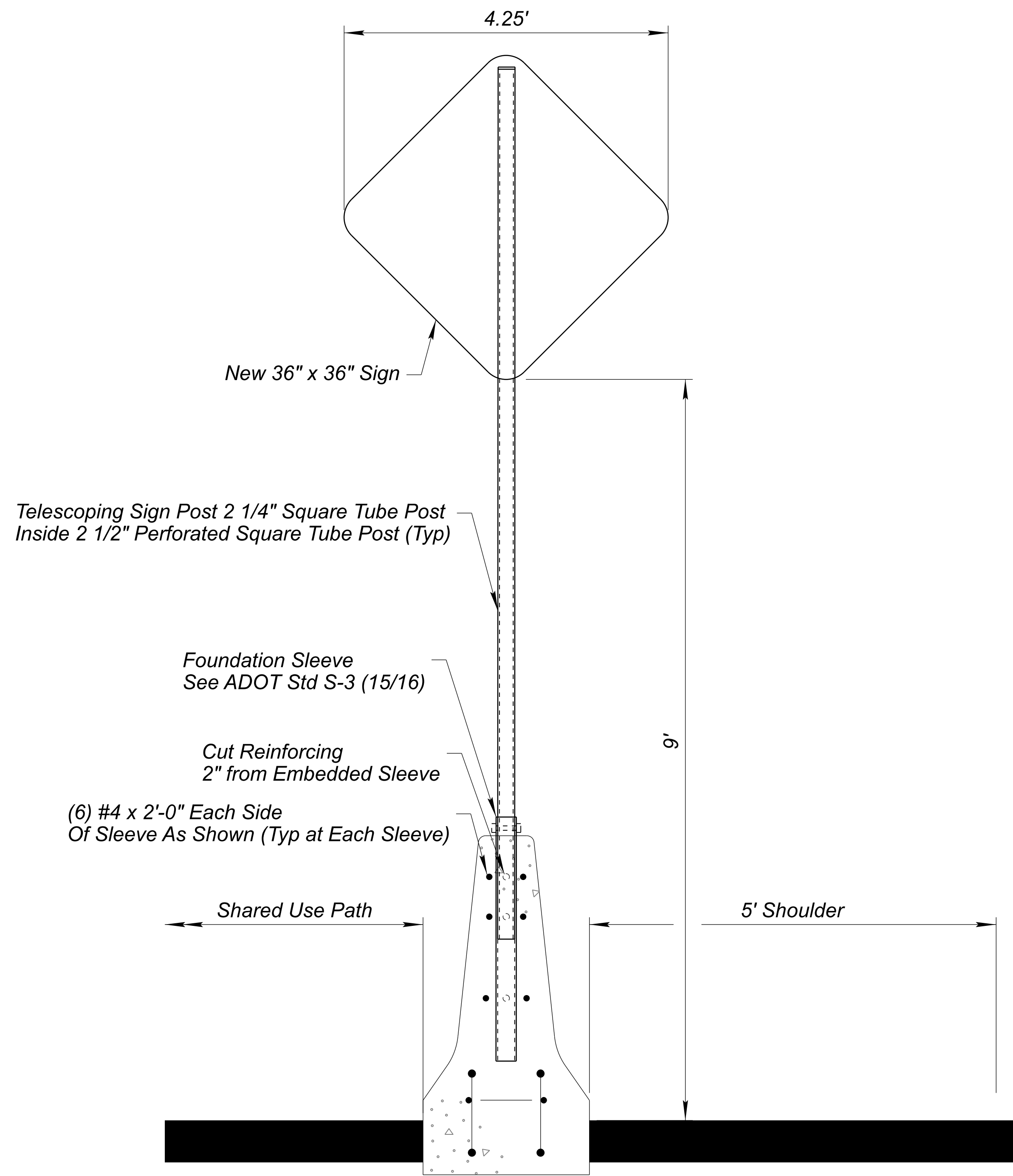


DESIGN	NAME	DATE
TJB		06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

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CITY OF BISBEE
DETAIL DW1 DRIVEWAY

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 15	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET						DWG NO. C-02.04
STRUCTURE NO.	TRACS NO. T0413 01C						OF

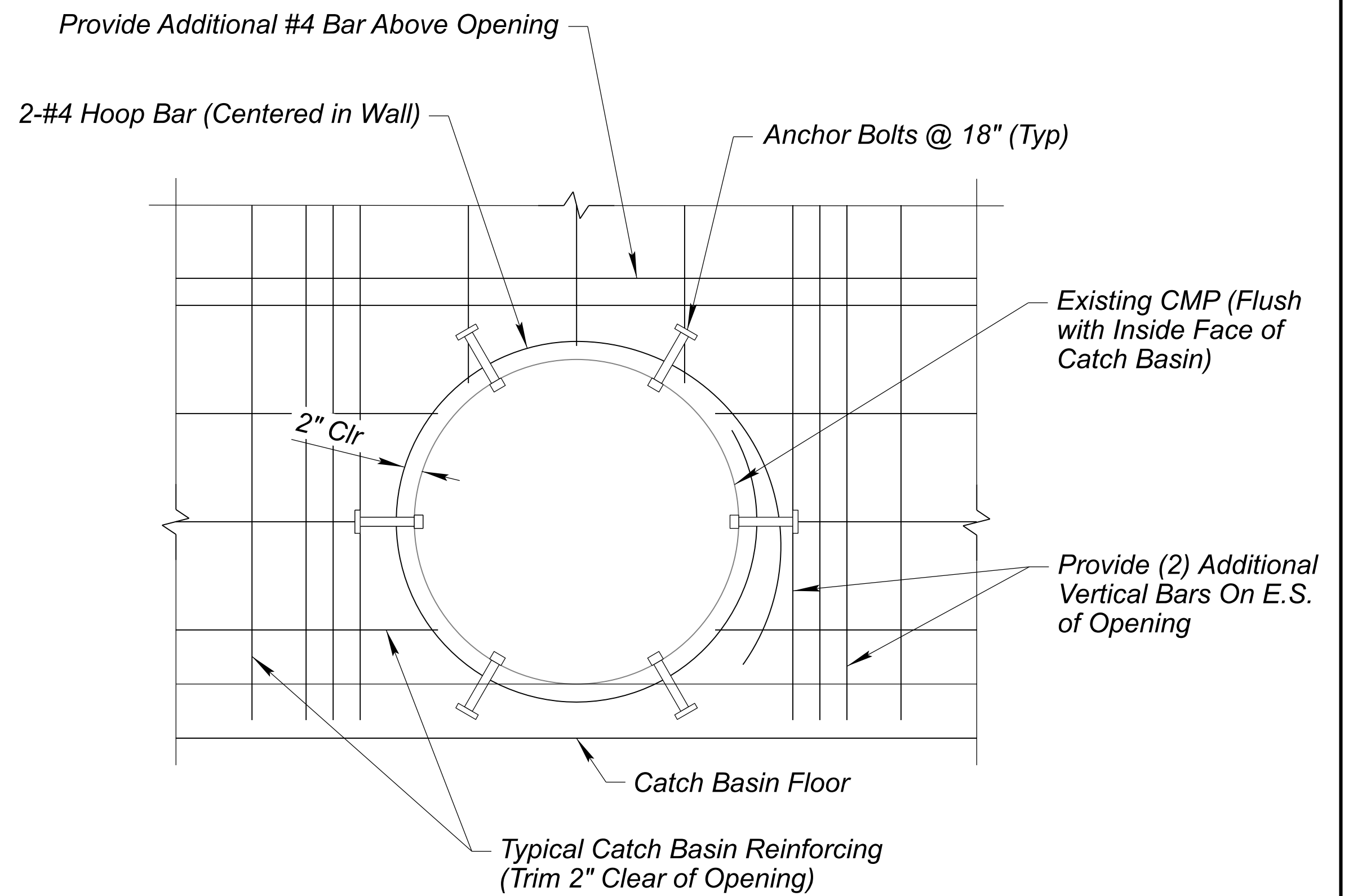
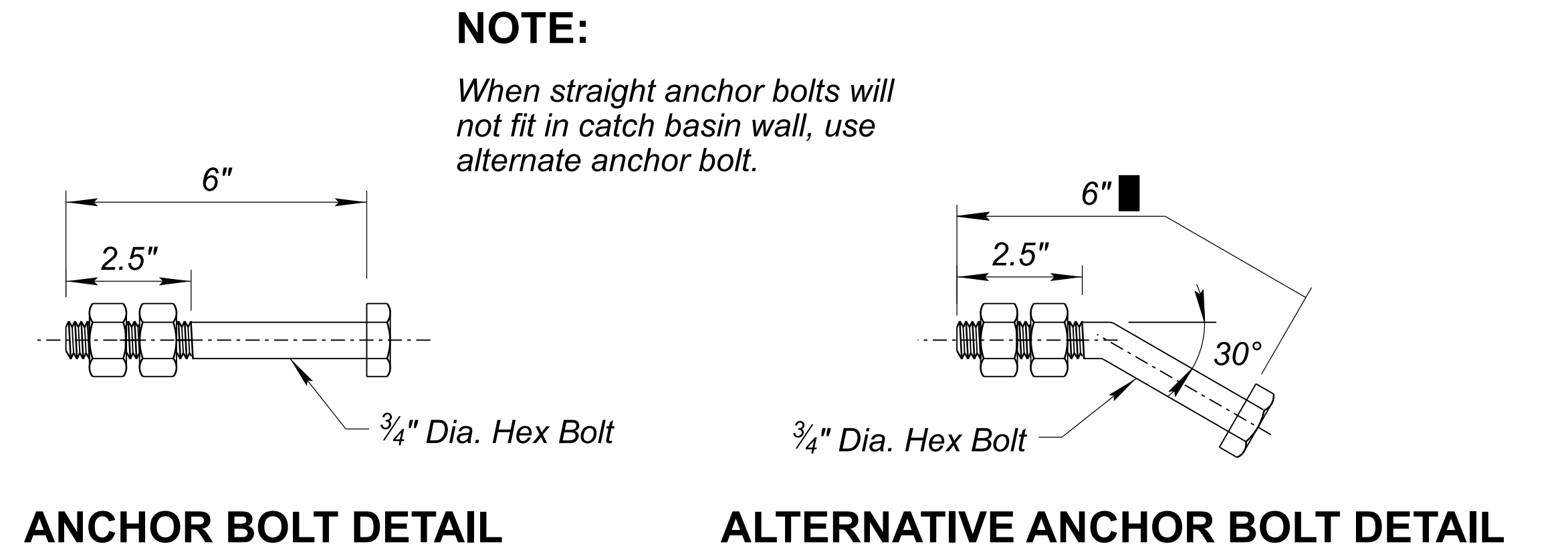


GENERAL NOTES

1. All Bolts and welds shall be galvanized
2. All labor and materials including but not limited to bolts, posts, and welds shall be considered included in bid item 9240119

DETAIL E

BARRIER SIGN MOUNT DETAIL



DETAIL F

CATCH BASIN PIPE PENETRATION DETAIL

	NAME			CITY OF BISBEE		ROUTE	F.H.W.A. Arizona Division		STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	TJB	06/26			SR 80			ARIZ.	080 CH BIS	BIS-0(204)T	16	66	
	DRAWN	TJB	06/26			MILEPOST			LOCATION OLD BISBEE - ERIE STREET					
	CHECKED	TJR	06/26			STRUCTURE NO.			TRACS NO. T0413 01C					DWG NO. C-02.05
				BARRIER SIGN MOUNT DETAIL								____ OF ____		

PRIMARY CONTROL POINTS (OPUS SOLUTION)				
Point	Ground (N)	Ground (E)	Elevation (NAVD88)	Description
101	160330.295	779661.448	5307.940	SET REBAR 5/8" REBAR (OPUS SOLUTION) HELD BM
102	158767.975	783283.942	5162.000	SET 60D NAIL (OPUS SOLUTION)
103	157278.089	785068.454	5093.060	SET 60D NAIL (OPUS SOLUTION)

SECONDARY CONTROL POINTS				
Point	Ground (N)	Ground (E)	Elevation (NAVD88)	Description
603	157941.580	784904.940	5114.870	FOUND BRASS CAP ON HEADWALL
606	157895.370	784836.530	5110.620	FOUND ALUMINUM CAP
610	158736.600	783723.100	5151.660	FOUND BRASS CAP
615	158954.030	782225.370	5197.420	FOUND ALUMINUM CAP
619	159148.430	782040.260	5203.270	FOUND BRASS CAP
627	160134.090	780710.630	5267.820	FOUND BRASS CAP
631	160459.550	779647.980	5313.460	FOUND BRASS CAP
632	160304.120	779863.210	5306.280	FOUND BRASS CAP

GENERAL NOTES

The following parameters were set for the basis of this survey:

System: United States State Plane
Zone: Arizona East Zone
Horizontal Datum: NAD83 (2011)
Vertical Datum: NAVD88
Units: International Feet (1 Foot = 0.3048 Meters exactly)

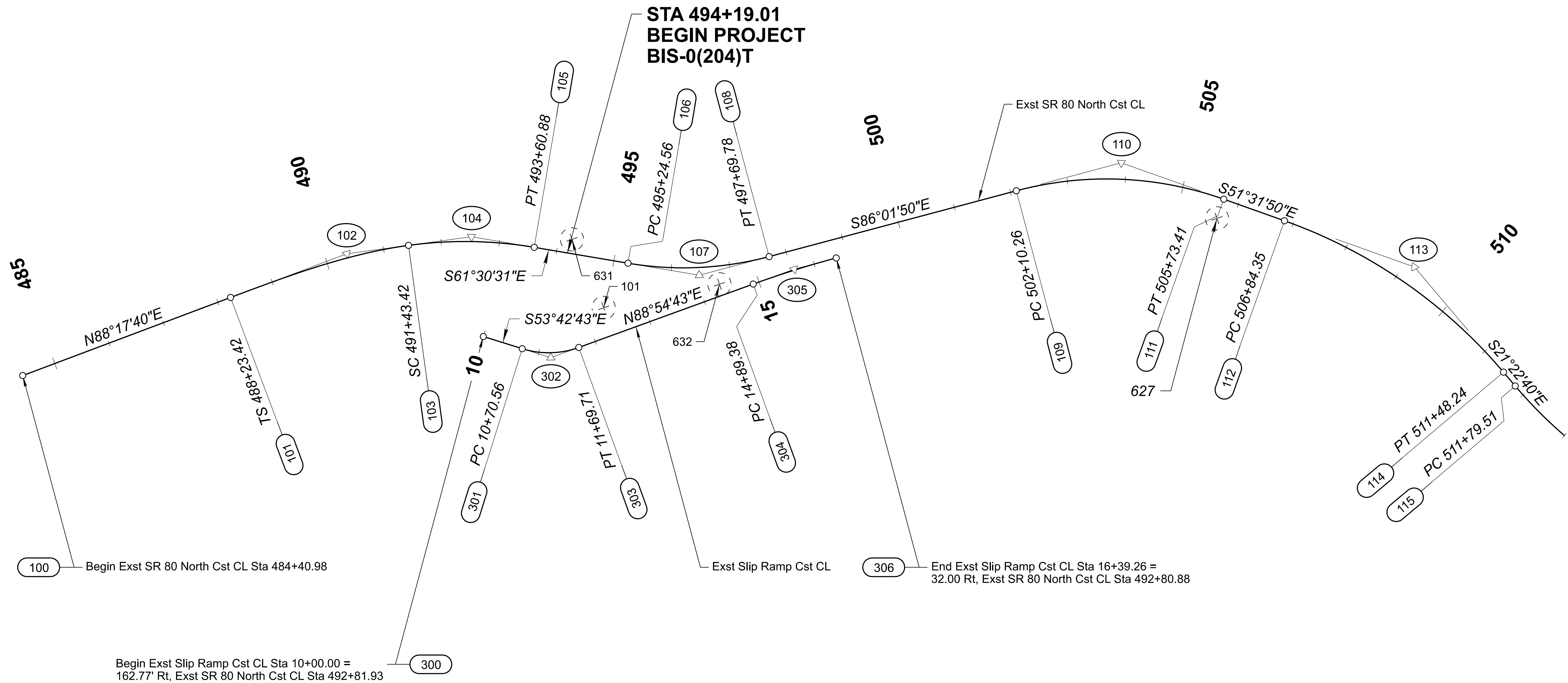
A ground adjustment factor of 1.00034 with a scale of origin point of X=0.0000 and Y=0.0000 was provided by TRACE Consulting, LLC.

Basis of Bearings:
TRACE Consulting, LLC. furnished the coordinates for this project. All coordinates listed are NAD 1983 (2011 Epoch) State Plan ground coordinates Arizona East Zone, Standard Transverse Mercator projection.

Basis of Elevations:
Trace Point #101, a set of 5/8" rebar, with elevation 5307.94 was held as basis of elevation for the project.

The field portion of this survey was performed during April 2024.

	DESIGN	TJB	NAME	DATE	CITY OF BISBEE	ROUTE	SR 80	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	080 CH BIS	FEDERAL ID NO.	BIS-0(204)T	SHEET NO.	17	TOTAL SHEETS	66	RECORD DRAWING
	DRAWN	TJB		06/26		MILEPOST	342				LOCATION	OLD BISBEE - ERIE STREET				DWG NO. C-03.01			
	CHECKED	TJR		06/26		STRUCTURE NO.					TRACS NO.	T0413 01C							
	TRACE CONSULTING					SURVEY CONTROL SHEET					____ OF ____								



LEGEND

- XXX Geometric Control Point No.
- Control Point, See Dwg No C-01.01

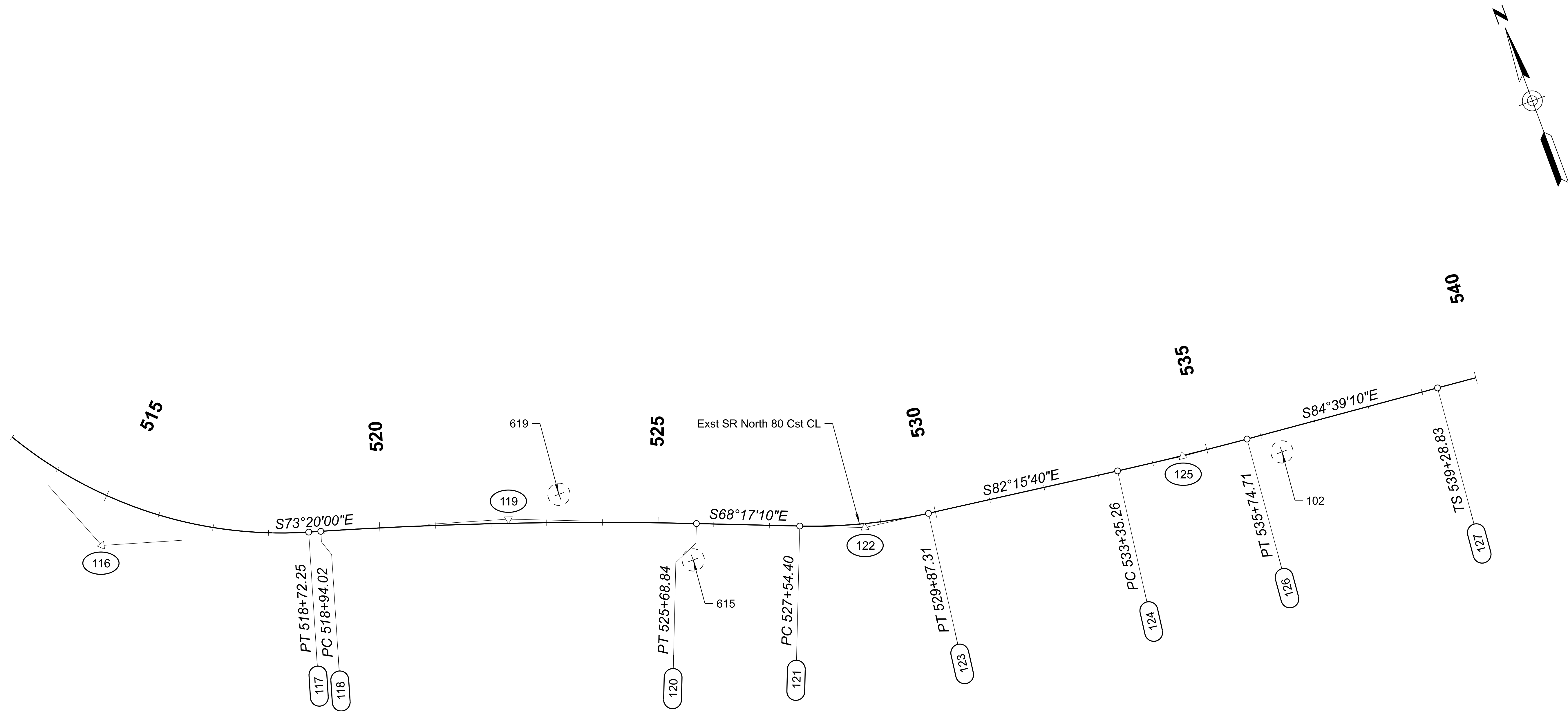


	NAME	DATE
DESIGN	TJB	06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

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CITY OF BISBEE
SR 80 GEOMETRIC LAYOUT SHEET Sta 484+41 to 513+00

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 20	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET					DWG NO. C-03.04	
STRUCTURE NO.	TRACS NO. T0413 01C					OF	



LEGEND

- XXX

XXX

Geometric Control Point No.
- Control Point, See Dwg No C-01.01



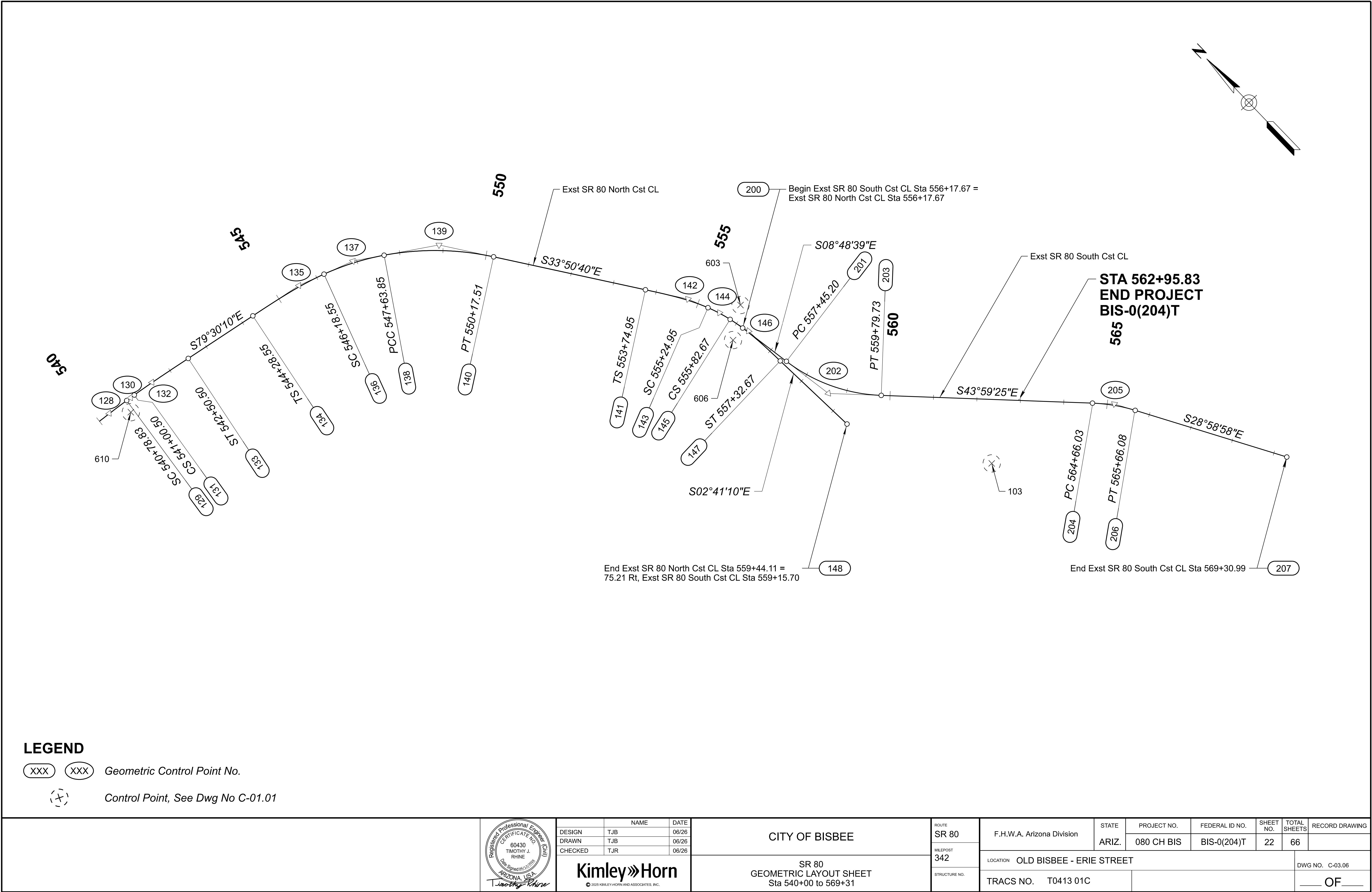
	NAME	DATE
DESIGN	TJB	06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

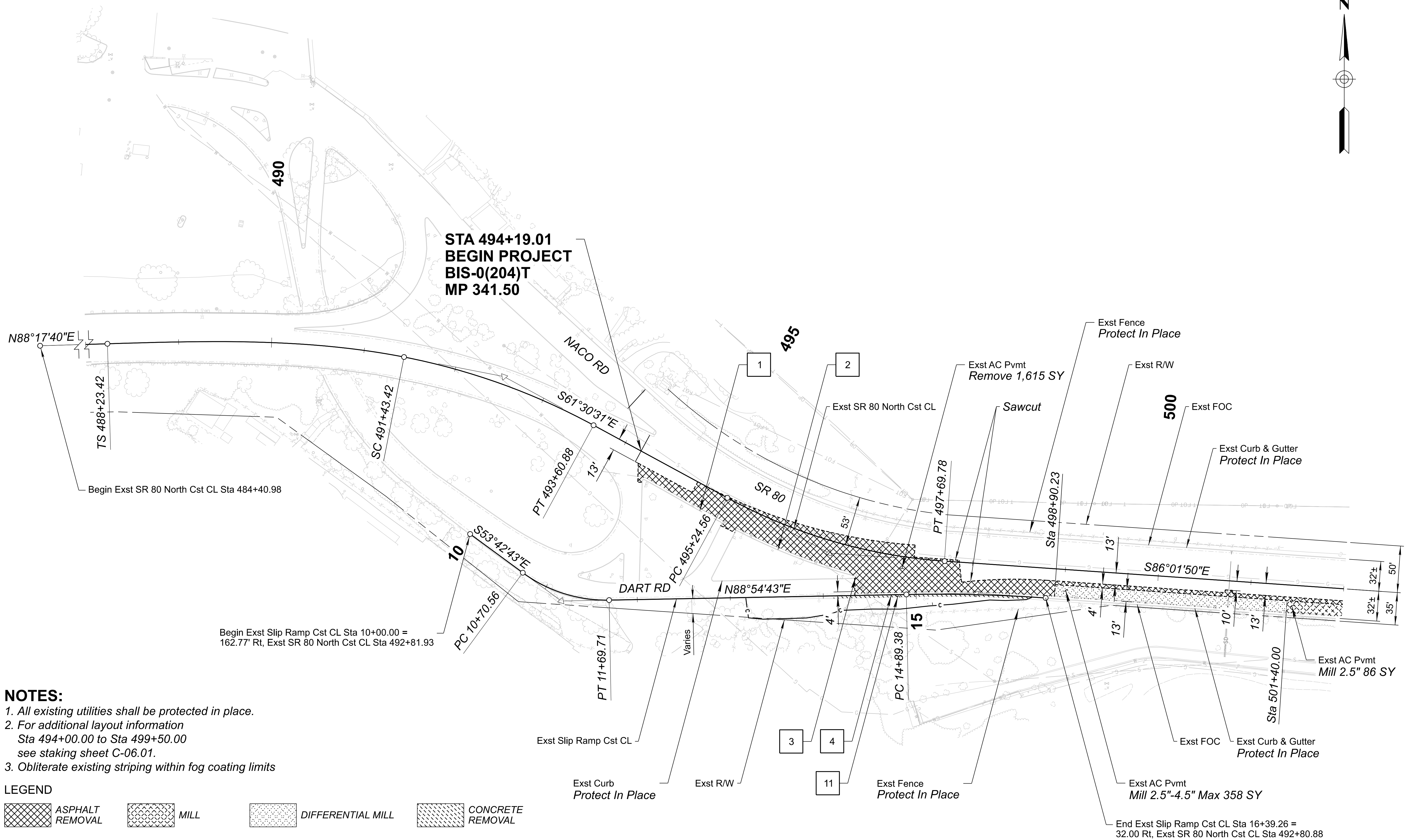
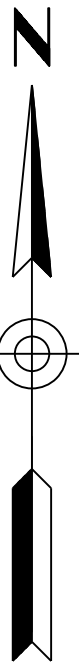
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CITY OF BISBEE
SR 80 GEOMETRIC LAYOUT SHEET Sta 513+00 to 540+00

ROUTE SR 80	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
MILEPOST 342		ARIZ.	080 CH BIS	BIS-0(204)T	21	66	
STRUCTURE NO.	LOCATION OLD BISBEE - ERIE STREET						DWG NO. C-03.05
	TRACS NO. T0413 01C						___ OF ___





- NOTES:**
1. All existing utilities shall be protected in place.
 2. For additional layout information
Sta 494+00.00 to Sta 499+50.00
see staking sheet C-06.01.
 3. Obliterate existing striping within fog coating limits

LEGEND			
	ASPHALT REMOVAL		MILL
	DIFFERENTIAL MILL		CONCRETE REMOVAL

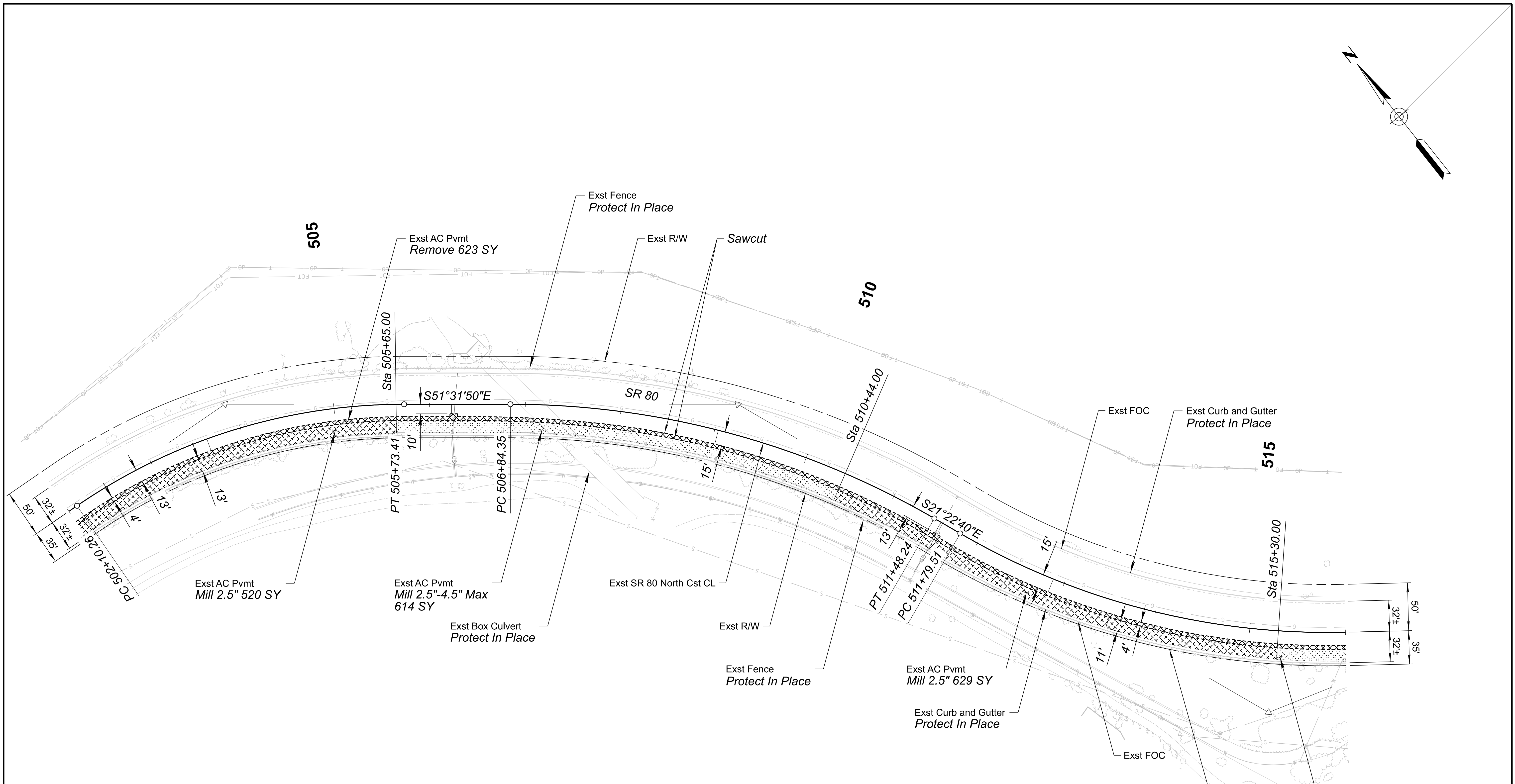


DESIGN	NAME	DATE
TJB	TJB	06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

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CITY OF BISBEE	
SR 80 REMOVAL SHEET STA 488+00 TO 502+00	

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 23	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET					DWG NO. C-04.01	
STRUCTURE NO.	TRACS NO. T0413 01C					____ OF ____	

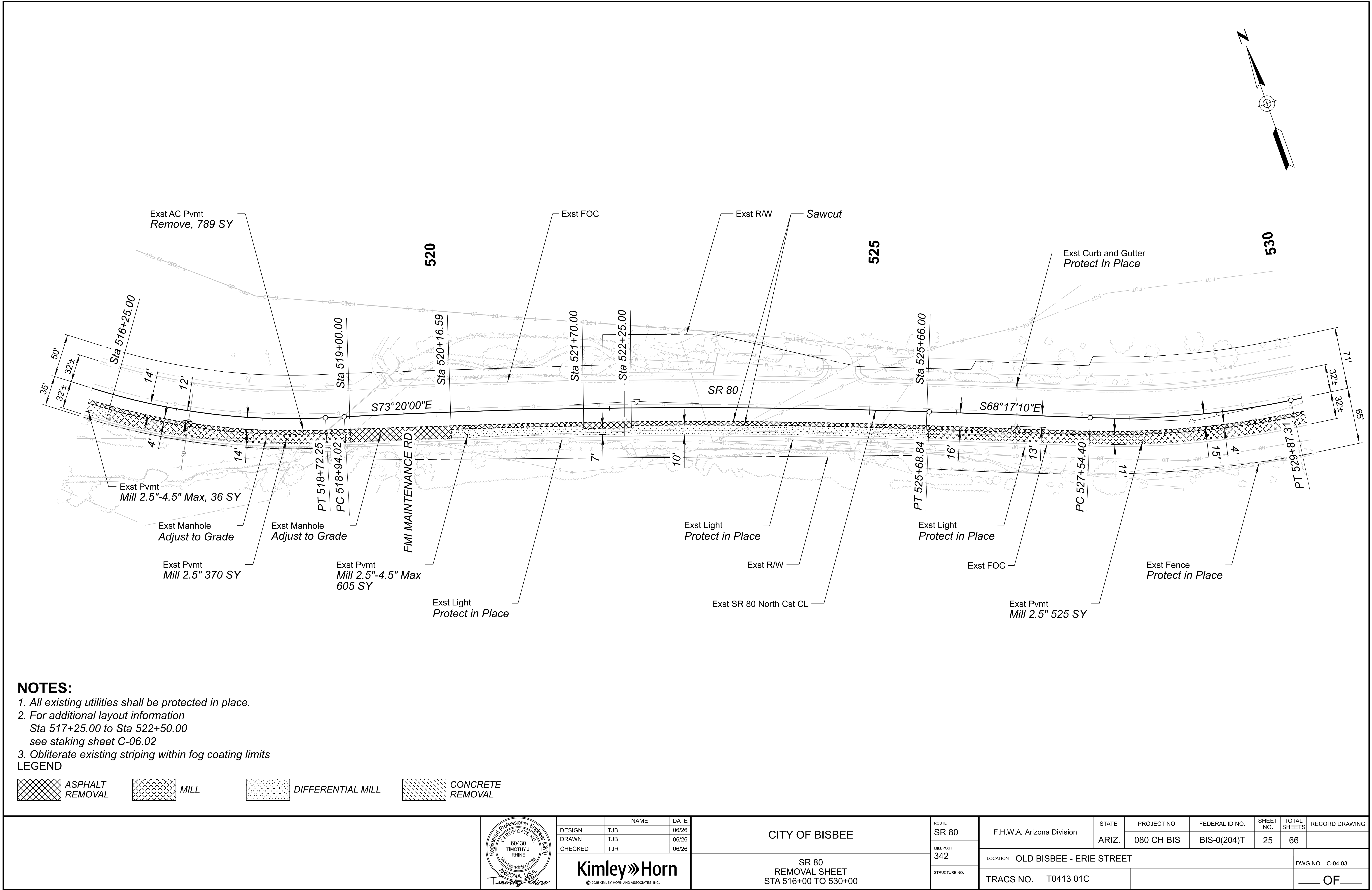


- NOTES:**
- 1. All existing utilities shall be protected in place.
 - 2. Obliterate existing striping within fog coating limits

LEGEND

	ASPHALT REMOVAL		MILL		DIFFERENTIAL MILL		CONCRETE REMOVAL
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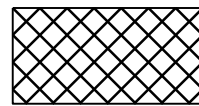
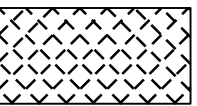
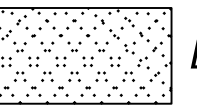
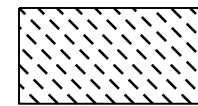
	NAME		DATE	CITY OF BISBEE	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING						
	DESIGN	TJB	06/26		SR 80	342	ARIZ.	080 CH BIS	BIS-0(204)T	24	66							
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	CHECKED	TJR	06/26															
					SR 80 REMOVAL SHEET STA 502+00 TO 516+00													
				LOCATION OLD BISBEE - ERIE STREET									DWG NO. C-04.02					
				TRACS NO. T0413 01C								___ OF ___						



NOTES:

1. All existing utilities shall be protected in place.
2. For additional layout information
Sta 517+25.00 to Sta 522+50.00
see staking sheet C-06.02
3. Obliterate existing striping within fog coating limits

LEGEND

	ASPHALT REMOVAL		MILL		DIFFERENTIAL MILL		CONCRETE REMOVAL
---	--------------------	---	------	---	-------------------	--	---------------------



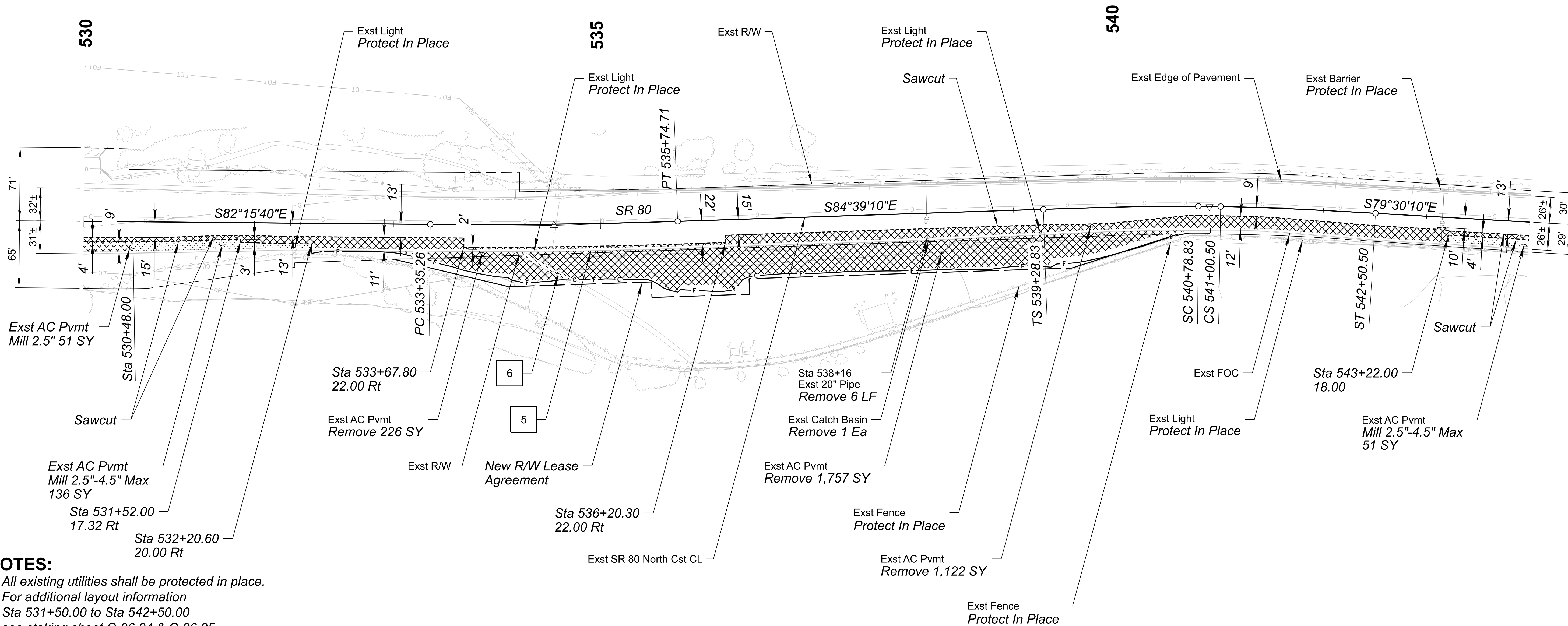
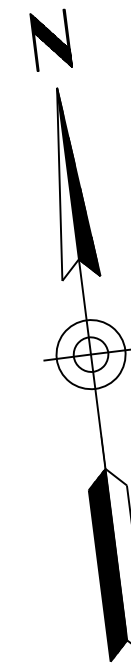
DESIGN	NAME	DATE
DRAWN	TJB	06/26
CHECKED	TJR	06/26

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CITY OF BISBEE
SR 80 REMOVAL SHEET STA 516+00 TO 530+00

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 25	TOTAL SHEETS 66	RECORD DRAWING
LOCATION OLD BISBEE - ERIE STREET	TRACS NO. T0413 01C	DWG NO. C-04.03	OF				



- NOTES:**
1. All existing utilities shall be protected in place.
 2. For additional layout information
Sta 531+50.00 to Sta 542+50.00
see staking sheet C-06.04 & C-06.05.
 3. Obliterate existing striping within fog coating limits

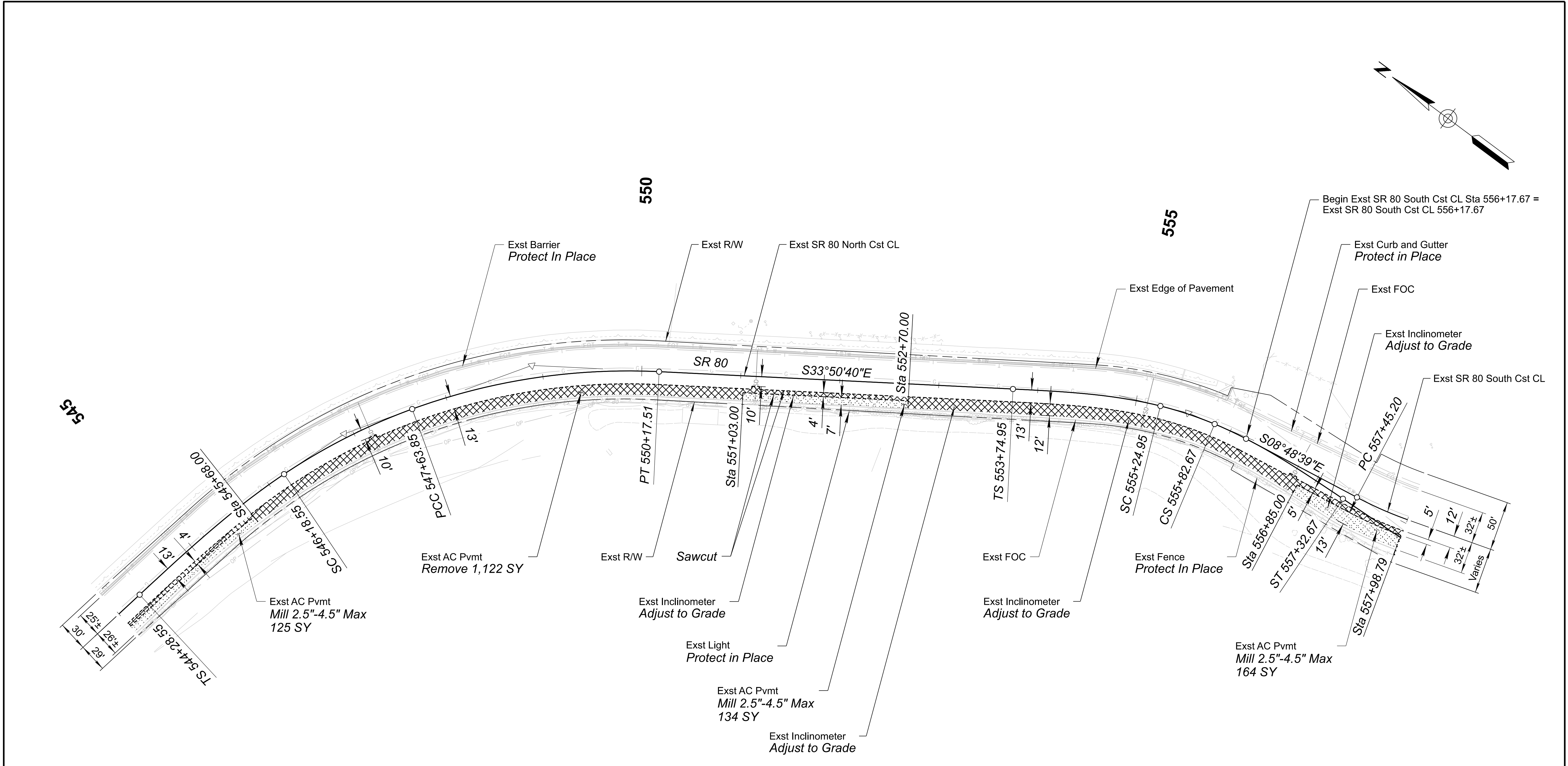
LEGEND			
	ASPHALT REMOVAL		MILL
	DIFFERENTIAL MILL		CONCRETE REMOVAL



			NAME	DATE
DESIGN	TJB			06/26
DRAWN	TJB			06/26
CHECKED	TJR			06/26
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CITY OF BISBEE	
SR 80 REMOVAL SHEET STA 530+00 TO 544+00	

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 26	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET					DWG NO. C-04.04	
STRUCTURE NO.	TRACS NO. T0413 01C					OF	



- NOTES:**
- 1. All existing utilities shall be protected in place.
 - 2. All large equipment should be kept at a minimum of 5-feet away from existing inclinometer vault covers to prevent damage.
 - 3. Obliterate existing striping within fog coating limits

LEGEND			
	ASPHALT REMOVAL		MILL
	DIFFERENTIAL MILL		CONCRETE REMOVAL

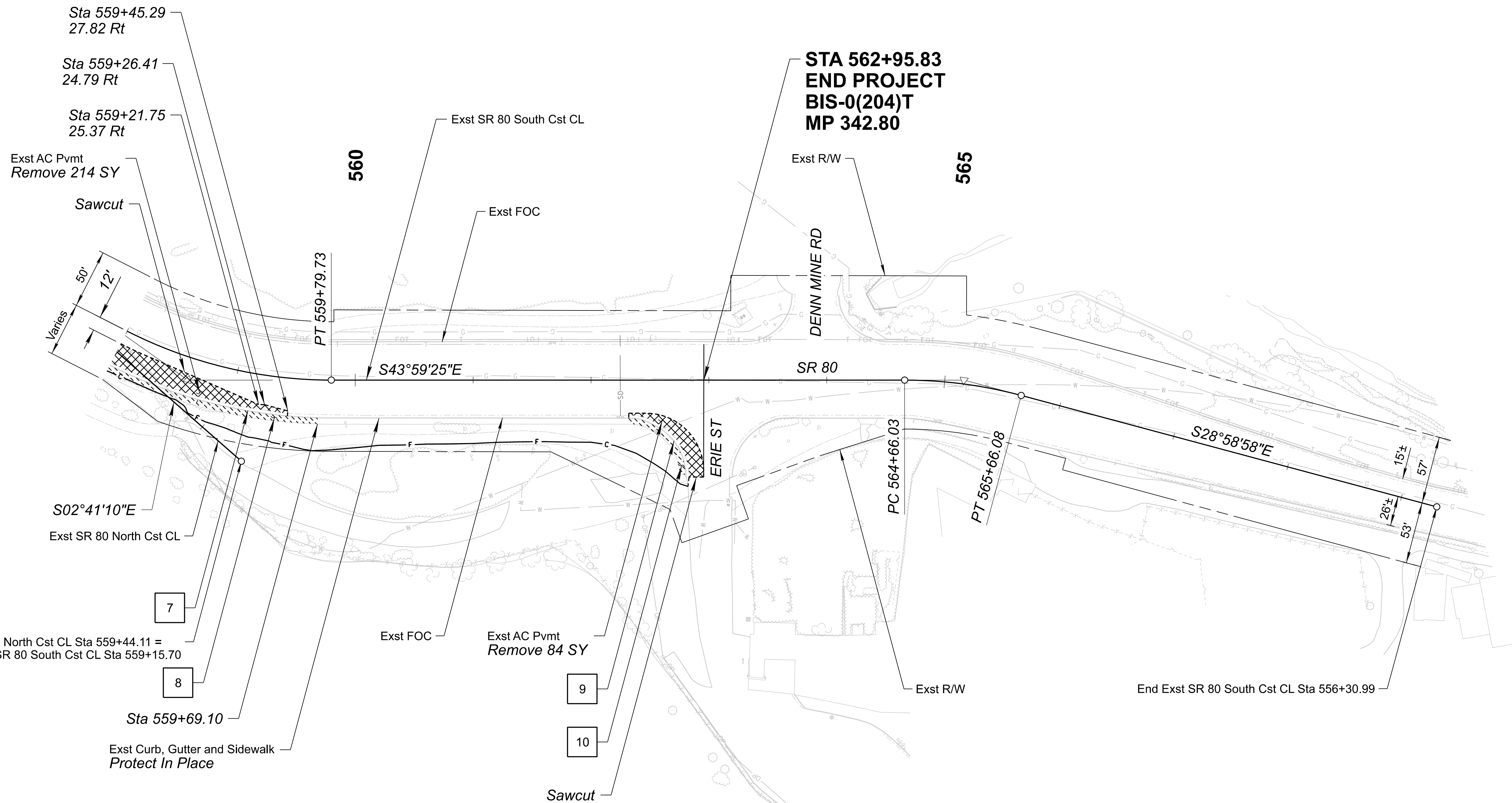


	NAME	DATE
DESIGN	TJB	06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

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CITY OF BISBEE	
SR 80 REMOVAL SHEET STA 544+00 TO 558+00	

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 27	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET					DWG NO. C-04.05	
STRUCTURE NO.	TRACS NO. T0413 01C					____ OF ____	



- NOTES:**
- 1. All existing utilities shall be protected in place.
 - 2. For additional layout information
Sta 557+75.00 to Sta 569+31.00
see staking sheet C-06.05.
 - 3. Obliterate existing striping within fog coating limits

LEGEND			
	ASPHALT REMOVAL		MILL
	DIFFERENTIAL MILL		CONCRETE REMOVAL

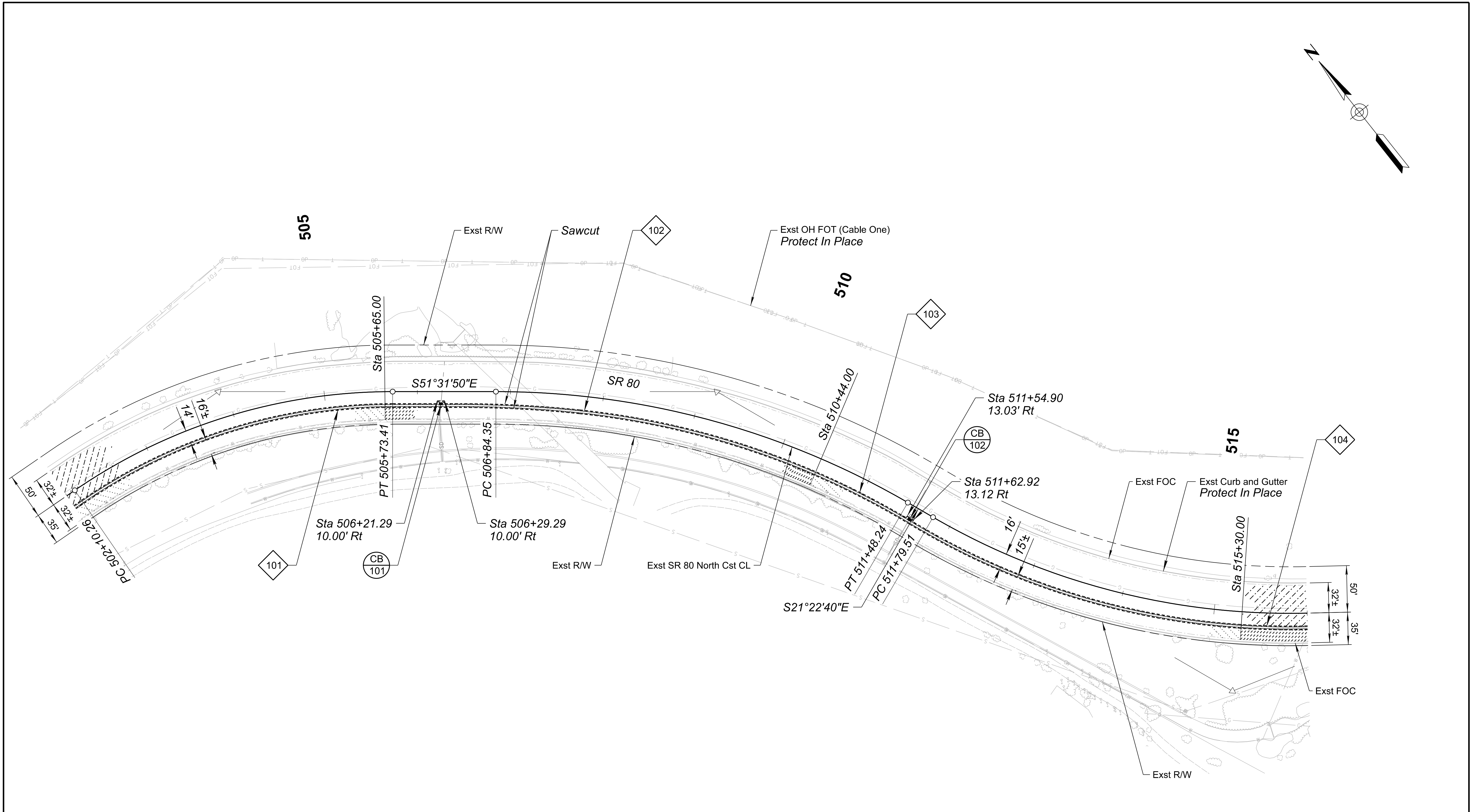


DESIGN	NAME	DATE
TJB		06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

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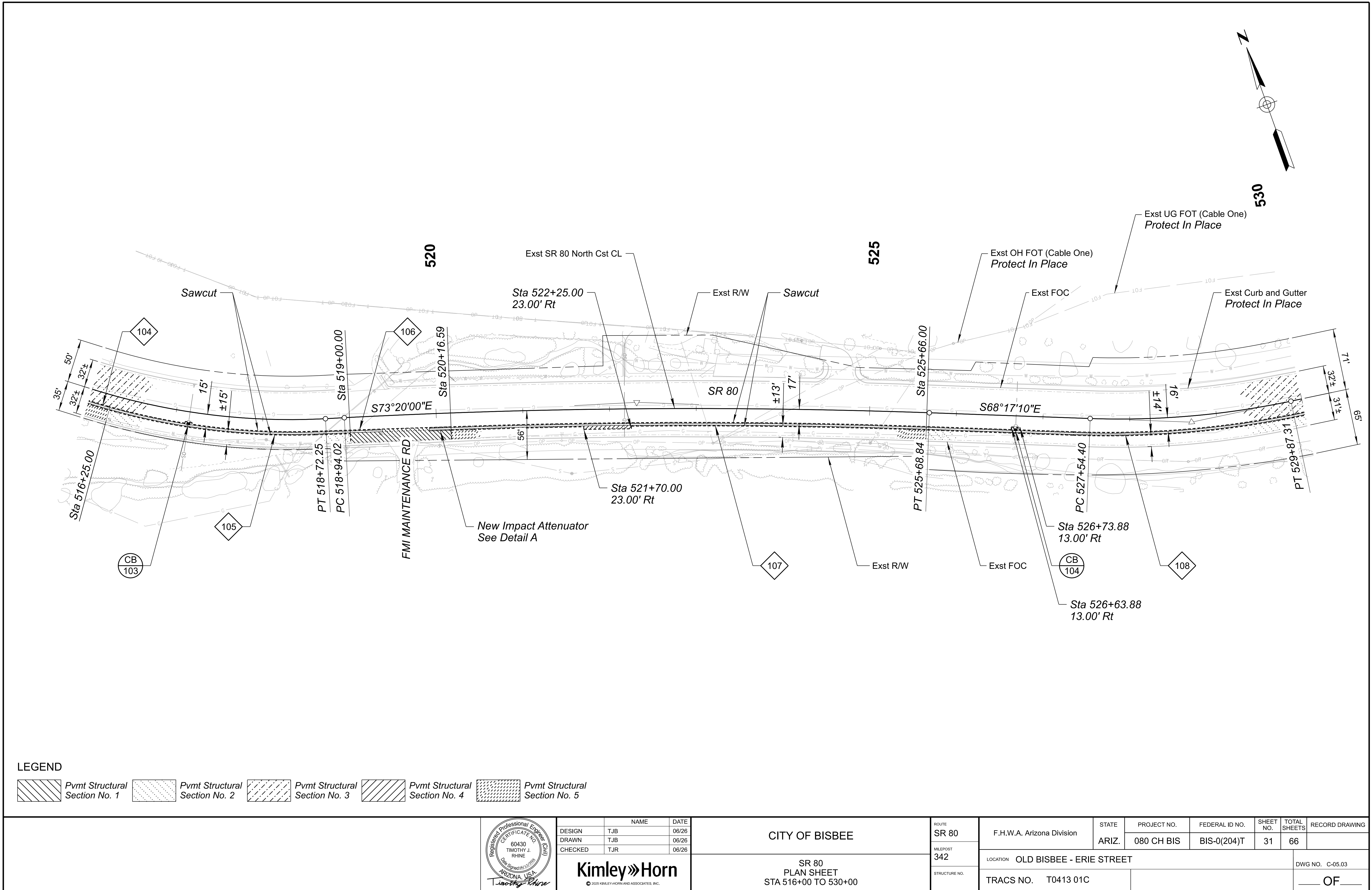
CITY OF BISBEE	
SR 80 REMOVAL SHEET STA 558+00 TO 569+31	

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 28	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET					DWG NO. C-04.06	
STRUCTURE NO.	TRACS NO. T0413 01C					OF	



LEGEND				
	Pvmt Structural Section No. 1		Pvmt Structural Section No. 2	
	Pvmt Structural Section No. 3		Pvmt Structural Section No. 4	
	Pvmt Structural Section No. 5			

		NAME	DATE	CITY OF BISBEE	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	TJB	06/26		SR 80							
	DRAWN	TJB	06/26		MILEPOST							
	CHECKED	TJR	06/26	342	LOCATION	OLD BISBEE - ERIE STREET	DWG NO. C-05.02					
	Kimley»Horn © 2005 KIMLEY-HORN AND ASSOCIATES, INC.			STRUCTURE NO.				TRACS NO. T0413 01C		___ OF ___		
SR 80 PLAN SHEET STA 502+00 TO 516+00												



LEGEND

	Pvmt Structural Section No. 1		Pvmt Structural Section No. 2		Pvmt Structural Section No. 3		Pvmt Structural Section No. 4		Pvmt Structural Section No. 5
--	----------------------------------	--	----------------------------------	--	----------------------------------	--	----------------------------------	--	----------------------------------

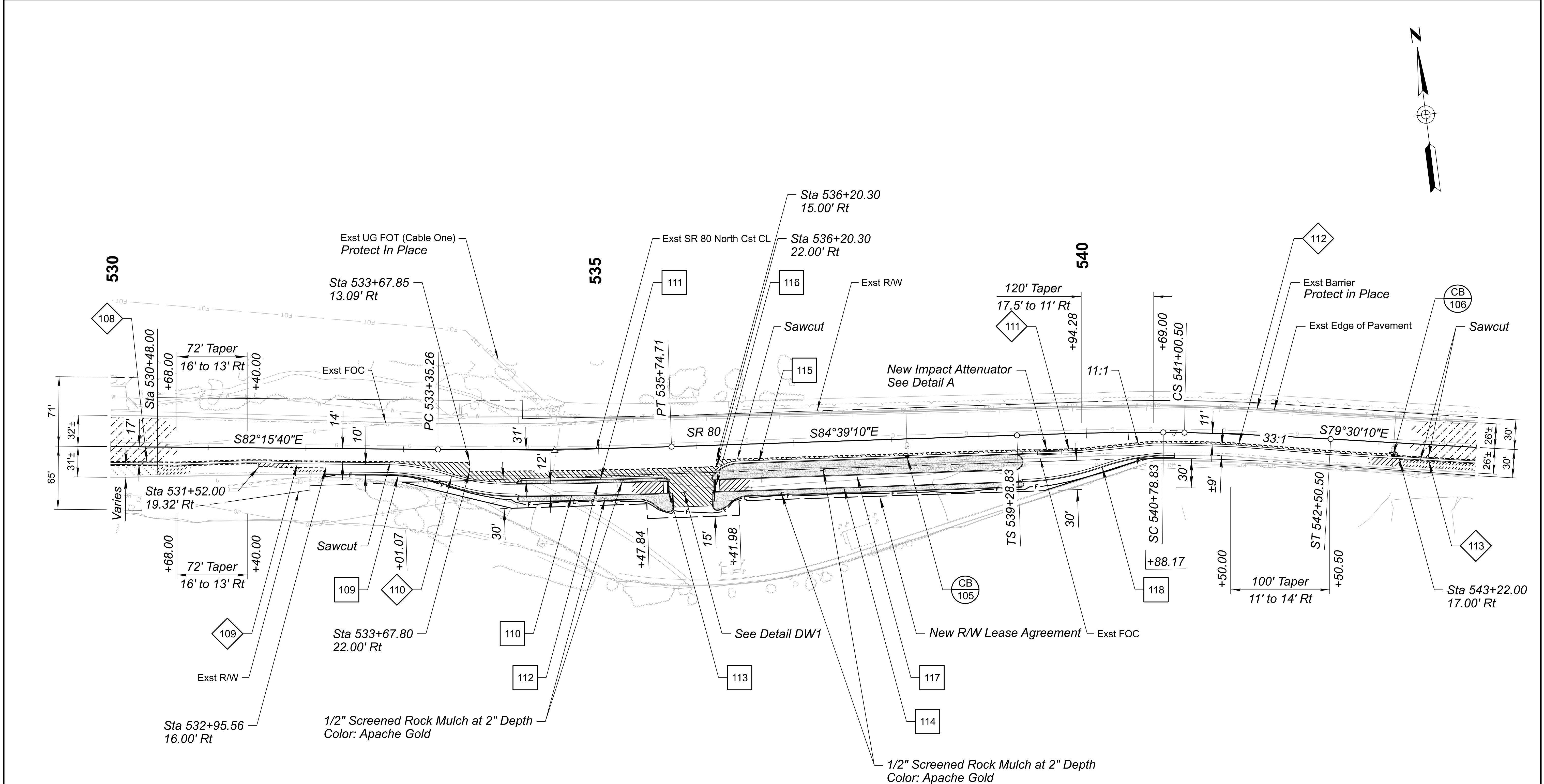


DESIGN	TJB	DATE	06/26
DRAWN	TJB	DATE	06/26
CHECKED	TJR	DATE	06/26

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CITY OF BISBEE
SR 80 PLAN SHEET STA 516+00 TO 530+00

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 31	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET						DWG NO. C-05.03
STRUCTURE NO.	TRACS NO. T0413 01C						OF

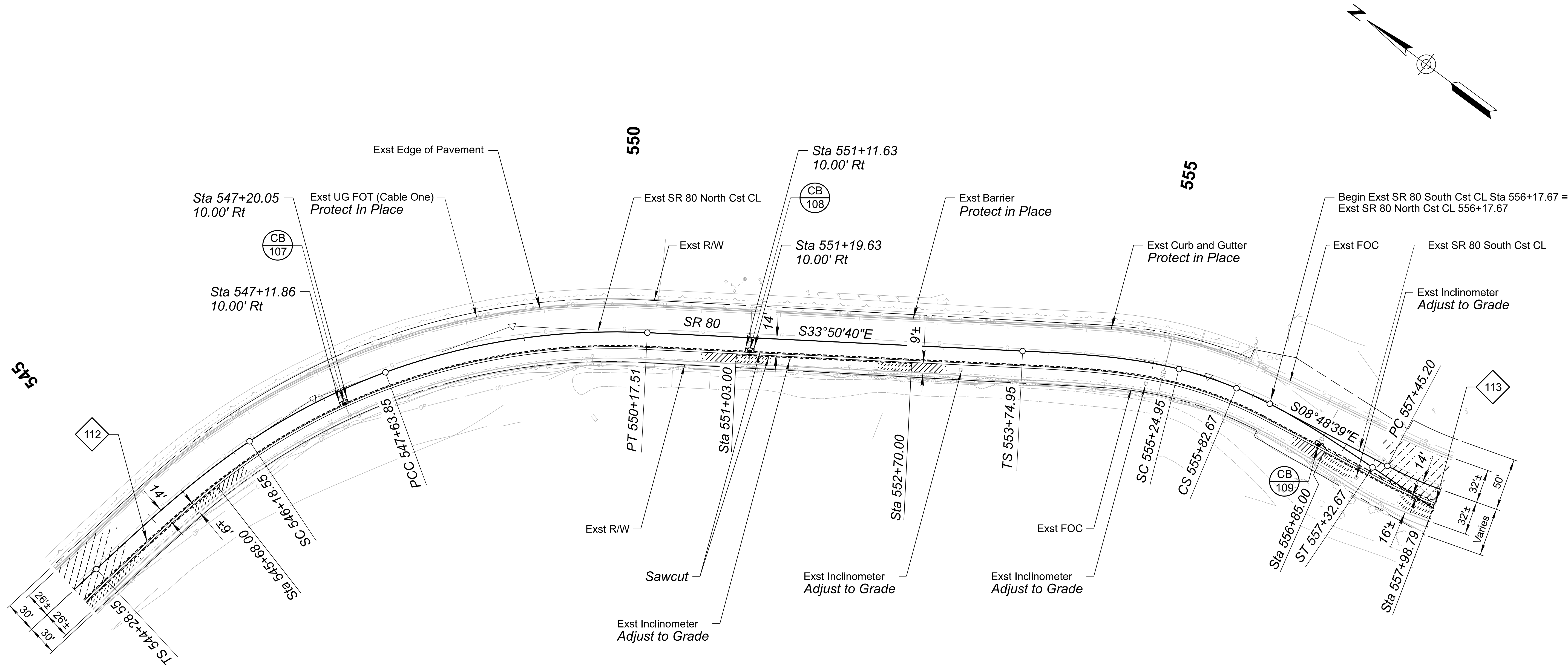


NOTES:
1. For additional layout information
Sta 531+50.00 to Sta 542+50.00
see staking sheet C-06.03 & C-06.04.

LEGEND

	Pvmt Structural Section No. 1		Pvmt Structural Section No. 2		Pvmt Structural Section No. 3		Pvmt Structural Section No. 4		Pvmt Structural Section No. 5
--	-------------------------------	--	-------------------------------	--	-------------------------------	--	-------------------------------	--	-------------------------------

 <i>Timothy Rhine</i>	NAME		DATE	CITY OF BISBEE	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	
	DESIGN	TJB	06/26		SR 80			080 CH BIS	BIS-0(204)T	32	66		
	DRAWN	TJB	06/26		MILEPOST			LOCATION OLD BISBEE - ERIE STREET			DWG NO. C-05.04		
	CHECKED	TJR	06/26		342			TRACS NO. T0413 01C					
					SR 80 PLAN SHEET STA 530+00 TO 544+00			STRUCTURE NO.	____ OF ____				



NOTES:
1. All large equipment should be kept at a minimum of 5-feet away from existing inclinometer vault covers to prevent damage.

Pvmt Structural Section No. 1	Pvmt Structural Section No. 2	Pvmt Structural Section No. 3	Pvmt Structural Section No. 4	Pvmt Structural Section No. 5

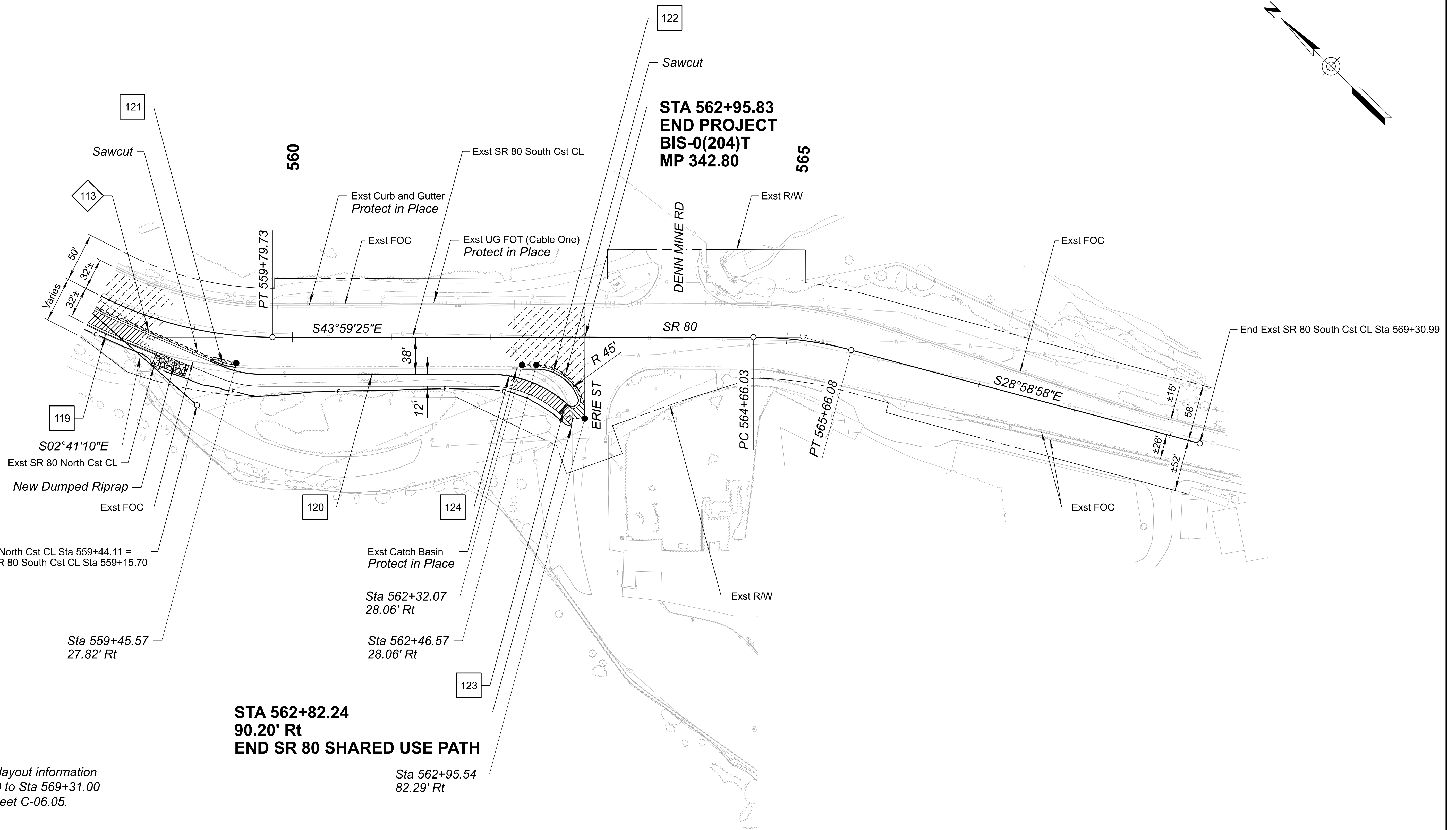


DESIGN	NAME	DATE
TJB		06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

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CITY OF BISBEE
SR 80 PLAN SHEET STA 544+00 TO 558+00

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 33	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET						DWG NO. C-05.05
STRUCTURE NO.	TRACS NO. T0413 01C						OF



NOTES:
1. For additional layout information
Sta 557+75.00 to Sta 569+31.00
see staking sheet C-06.05.

LEGEND

	Pvmt Structural Section No. 1		Pvmt Structural Section No. 2		Pvmt Structural Section No. 3		Pvmt Structural Section No. 4		Pvmt Structural Section No. 5
--	----------------------------------	--	----------------------------------	--	----------------------------------	--	----------------------------------	--	----------------------------------

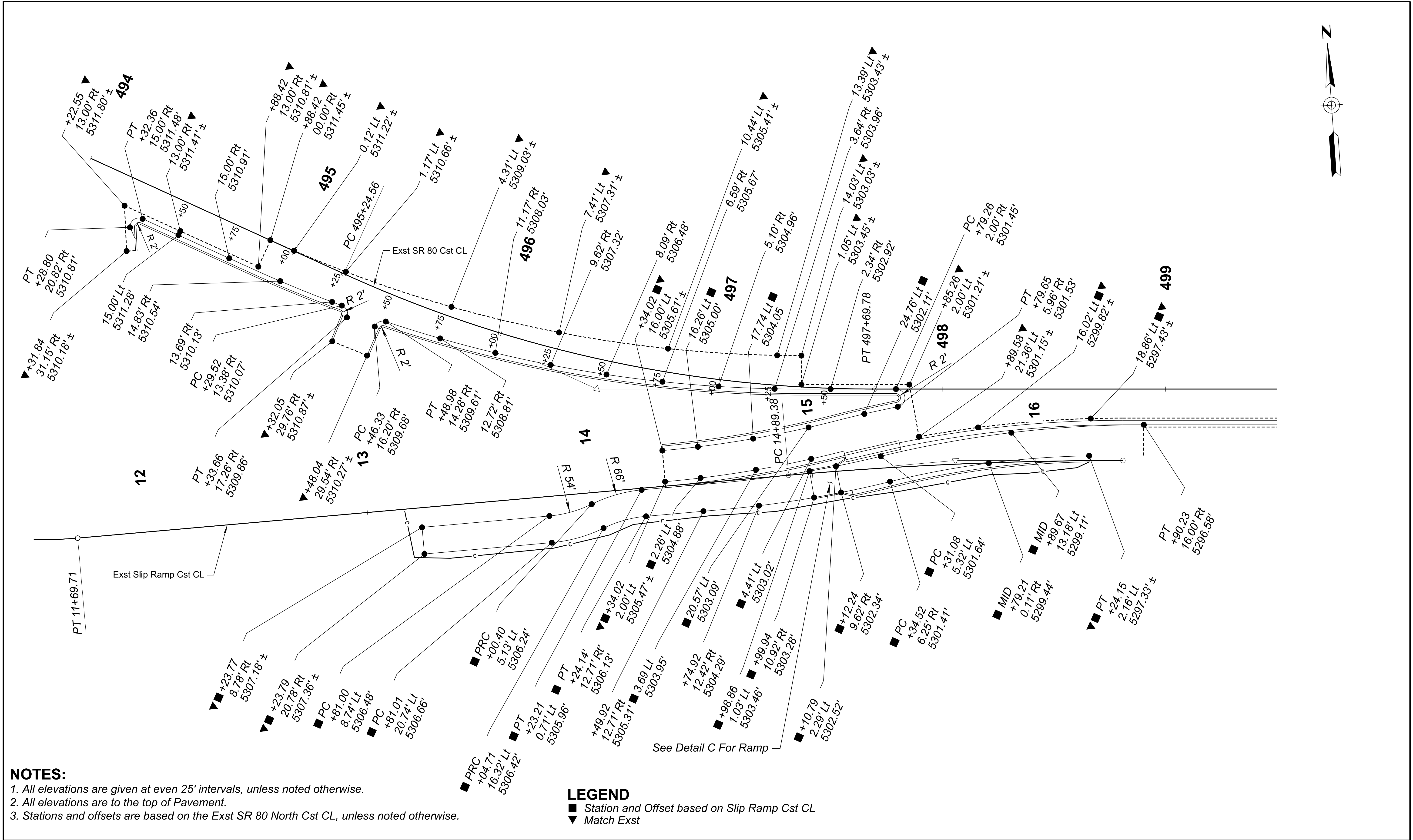


DESIGN	NAME	DATE
TJB	TJB	06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

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CITY OF BISBEE
SR 80 PLAN SHEET STA 558+00 TO 569+31

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 34	TOTAL SHEETS 66	RECORD DRAWING
LOCATION OLD BISBEE - ERIE STREET	TRACS NO. T0413 01C	DWG NO. C-05.06	OF				

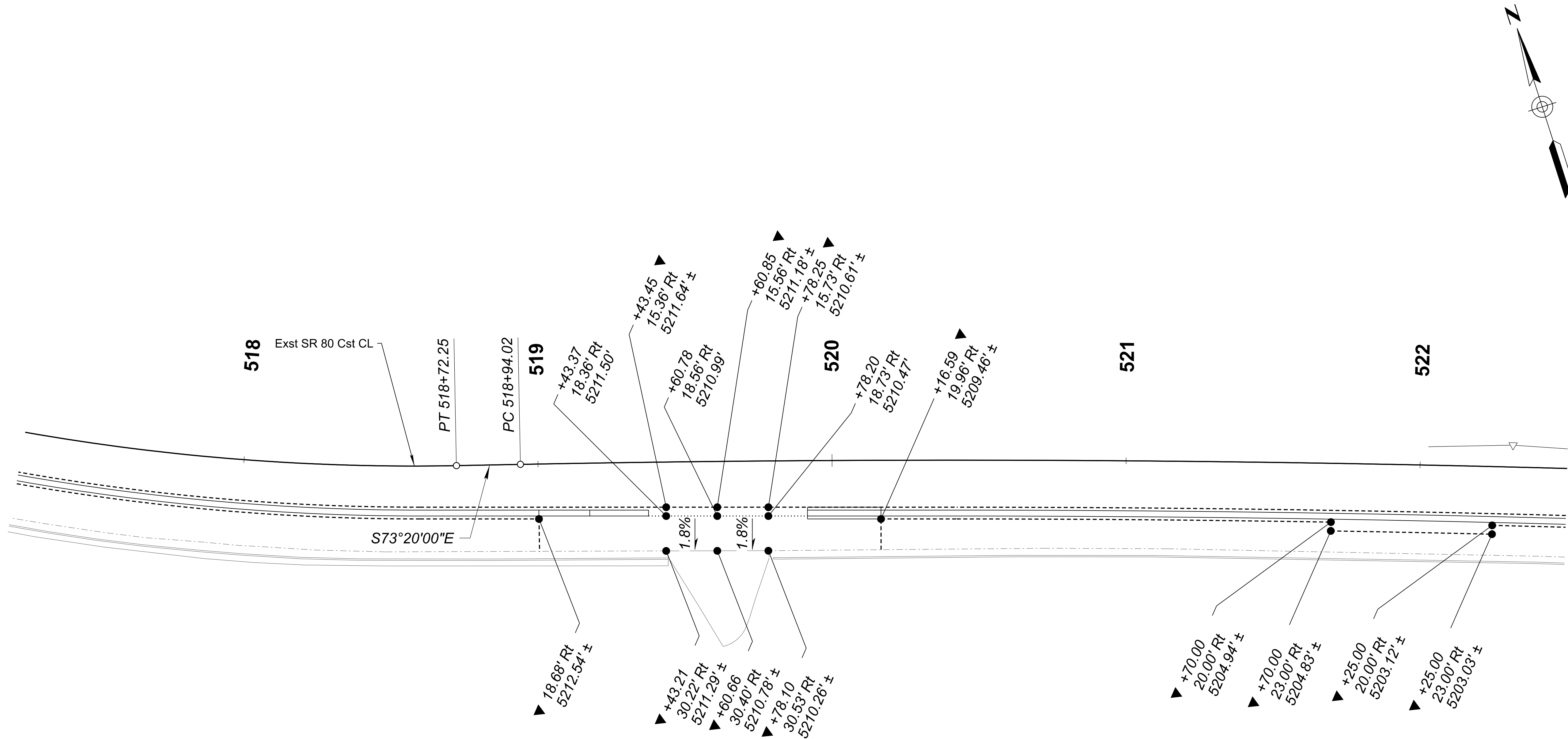


- NOTES:**
1. All elevations are given at even 25' intervals, unless noted otherwise.
 2. All elevations are to the top of Pavement.
 3. Stations and offsets are based on the Exst SR 80 North Cst CL, unless noted otherwise.

LEGEND

- Station and Offset based on Slip Ramp Cst CL
- ▼ Match Exst

Registered Professional Engineer CERTIFICATE NO. 60430 TIMOTHY J. RHINE Date Signed 09/12/2025 ARIZONA, U.S.A. <i>Timothy Rhine</i> Kimley»Horn © 2025 KIMLEY-HORN AND ASSOCIATES, INC.	DESIGN	TJB	NAME	DATE	CITY OF BISBEE	ROUTE	SR 80	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	
	DRAWN	TJB		06/26						080 CH BIS	BIS-0(204)T	35	66		
	CHECKED	TJR		06/26											
	SR 80 STAKING SHEET Sta 494+00 to 499+50									LOCATION OLD BISBEE - ERIE STREET					DWG NO. C-06.01
										TRACS NO. T0413 01C					___ OF ___



NOTES:

- 1. All elevations are given at even 25' intervals, unless noted otherwise.
- 2. All elevations are to the top of Pavement.
- 3. Stations and offsets are based on the Exst SR 80 North Cst CL, unless noted otherwise.

LEGEND

▼ Match Exst

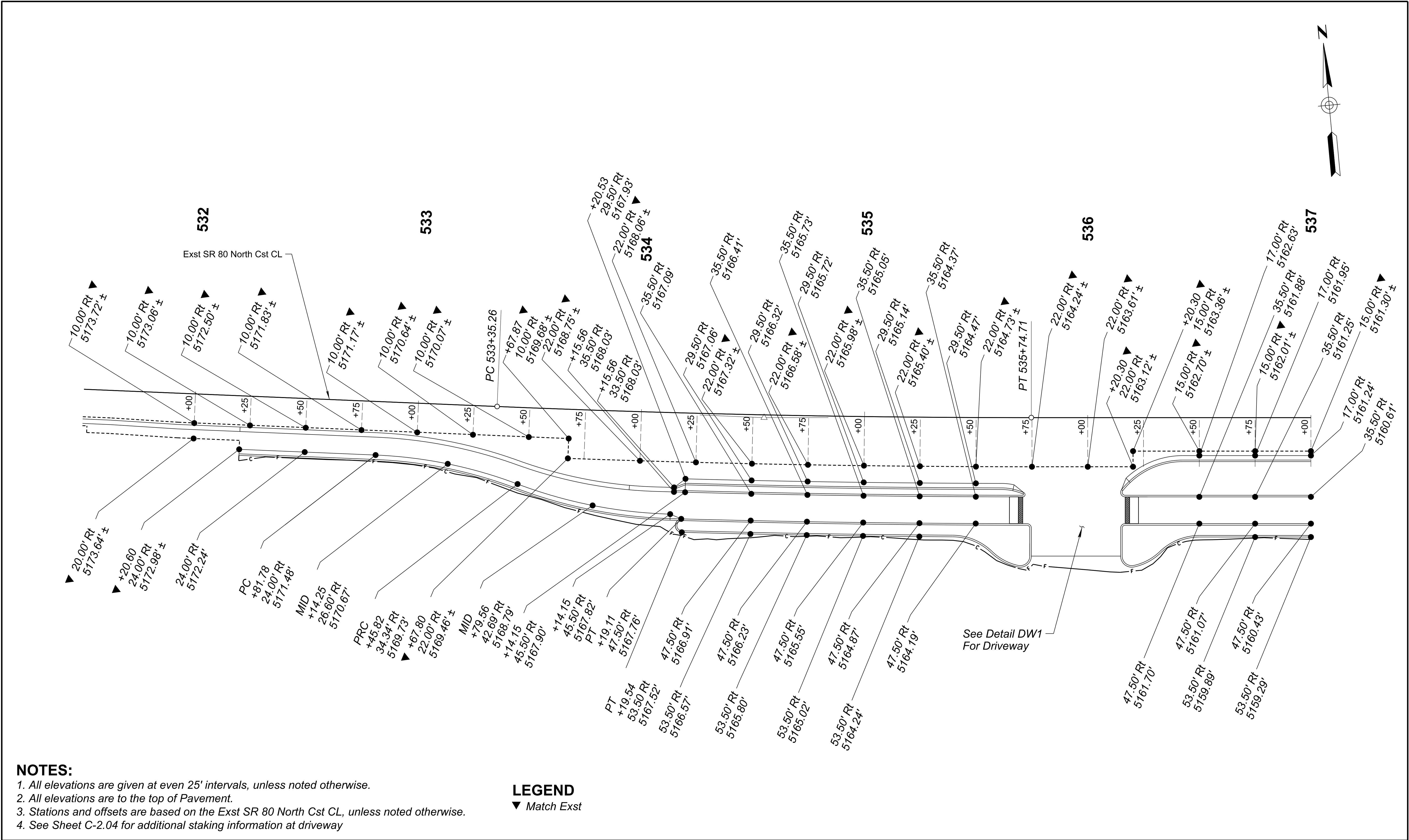


	NAME	DATE
DESIGN	TJB	06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

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CITY OF BISBEE
SR 80 STAKING SHEET Sta 517+25 to 522+50

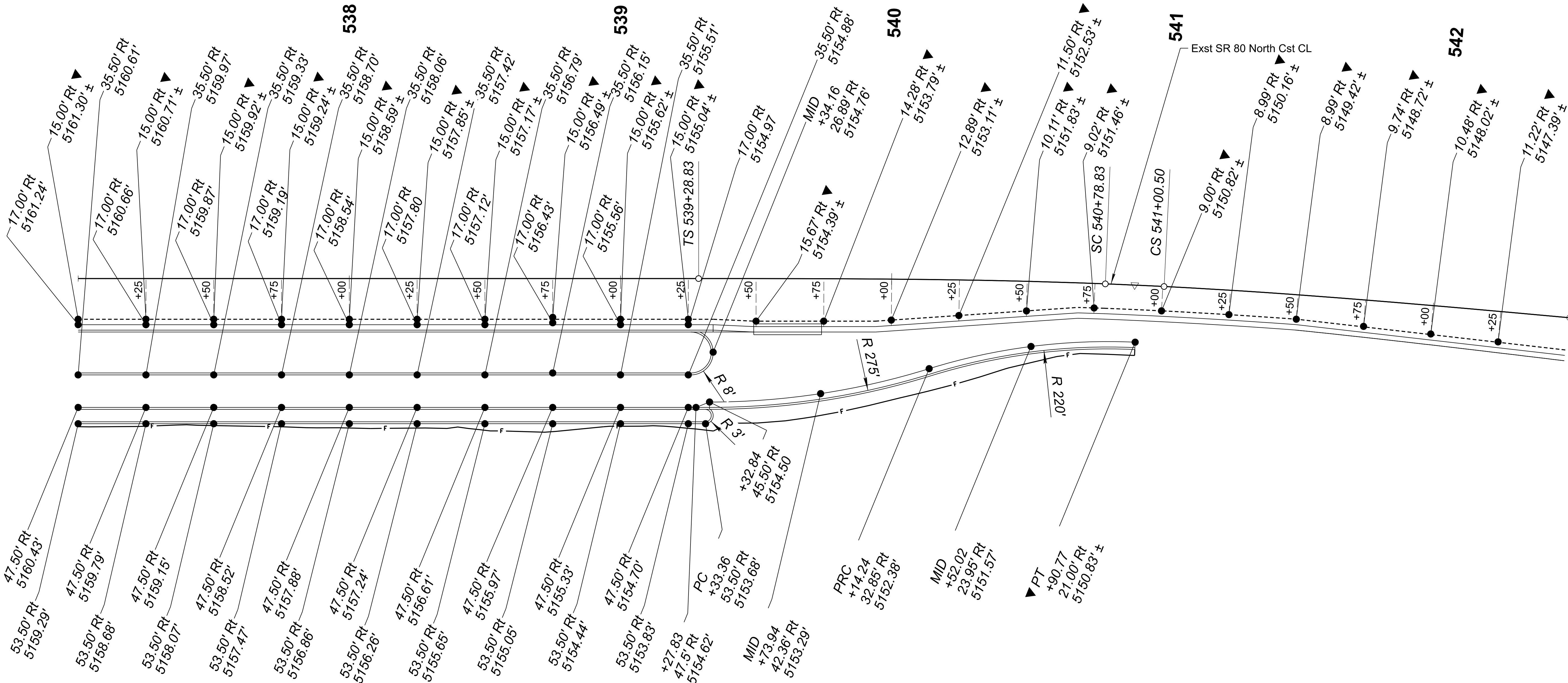
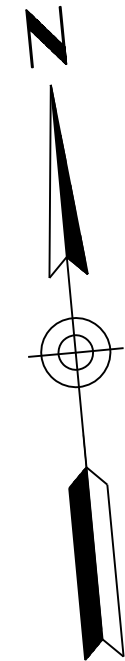
ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 36	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET					DWG NO. C-06.02	
STRUCTURE NO.	TRACS NO. T0413 01C					____ OF ____	



- NOTES:**
- 1. All elevations are given at even 25' intervals, unless noted otherwise.
 - 2. All elevations are to the top of Pavement.
 - 3. Stations and offsets are based on the Exst SR 80 North Cst CL, unless noted otherwise.
 - 4. See Sheet C-2.04 for additional staking information at driveway

LEGEND
▼ Match Exst

 <i>Timothy Rhine</i>	DESIGN			TJB	NAME	DATE	CITY OF BISBEE	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	
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	CHECKED			TJR		06/26										
	Kimley»Horn © 2005 KIMLEY-HORN AND ASSOCIATES, INC.							SR 80 STAKING SHEET Sta 531+50 to 537+00	MILEPOST	LOCATION OLD BISBEE - ERIE STREET						
									342	DWG NO. C-06.03						
								STRUCTURE NO.	TRACS NO. T0413 01C		____ OF ____					



NOTES:

1. All elevations are given at even 25' intervals, unless noted otherwise.
2. All elevations are to the top of Pavement.
3. Stations and offsets are based on the Exst SR 80 North Cst CL, unless noted otherwise.

LEGEND

▼ Match Exst

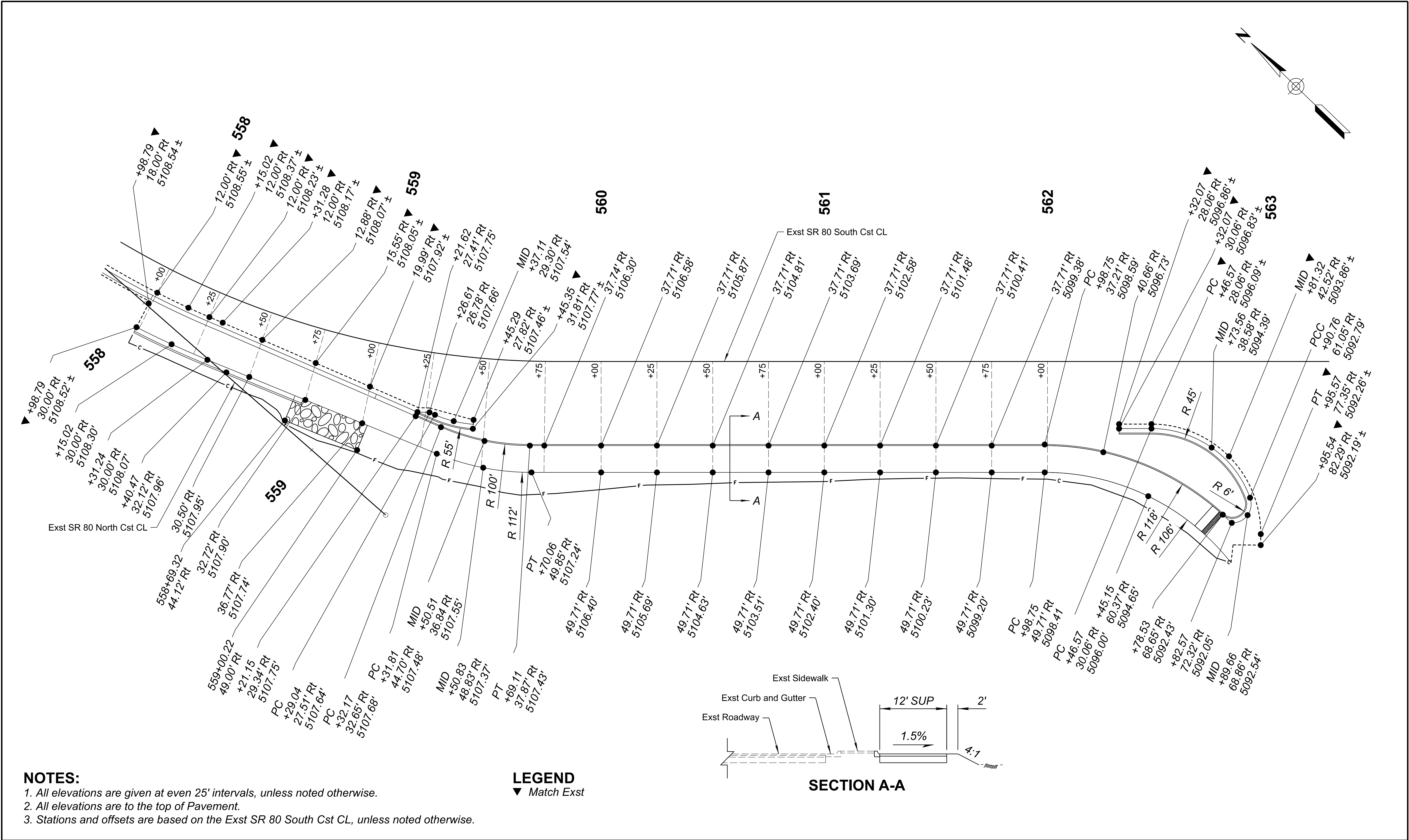


DESIGN	NAME	DATE
TJB	TJB	06/26
DRAWN	TJB	06/26
CHECKED	TJR	06/26

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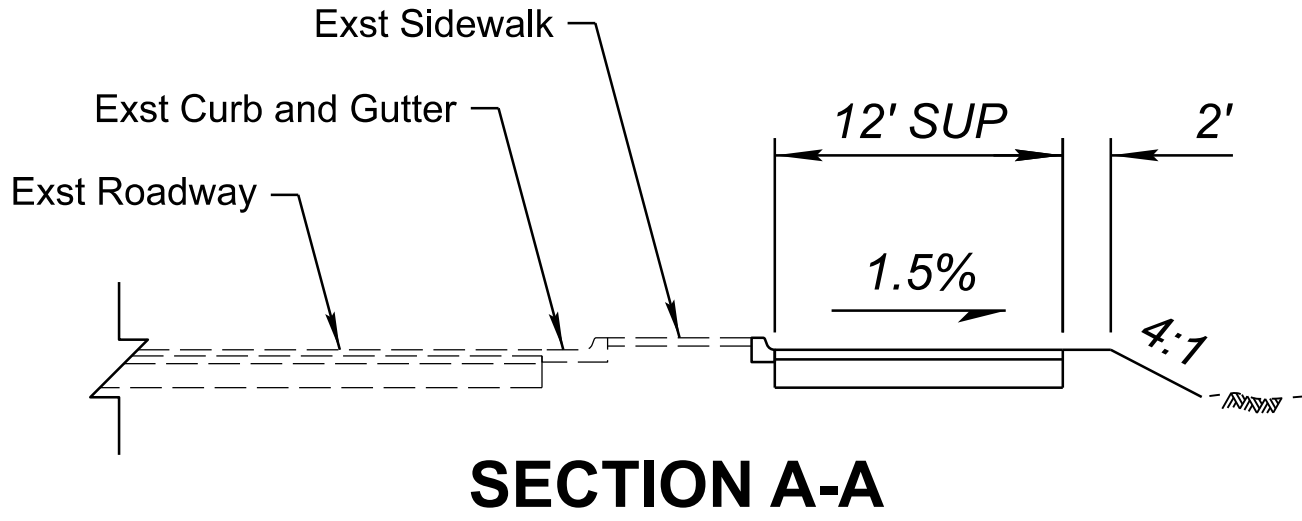
CITY OF BISBEE
SR 80 STAKING SHEET Sta 537+00 to 542+50

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 38	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET					DWG NO. C-06.04	
STRUCTURE NO.	TRACS NO. T0413 01C					____ OF ____	



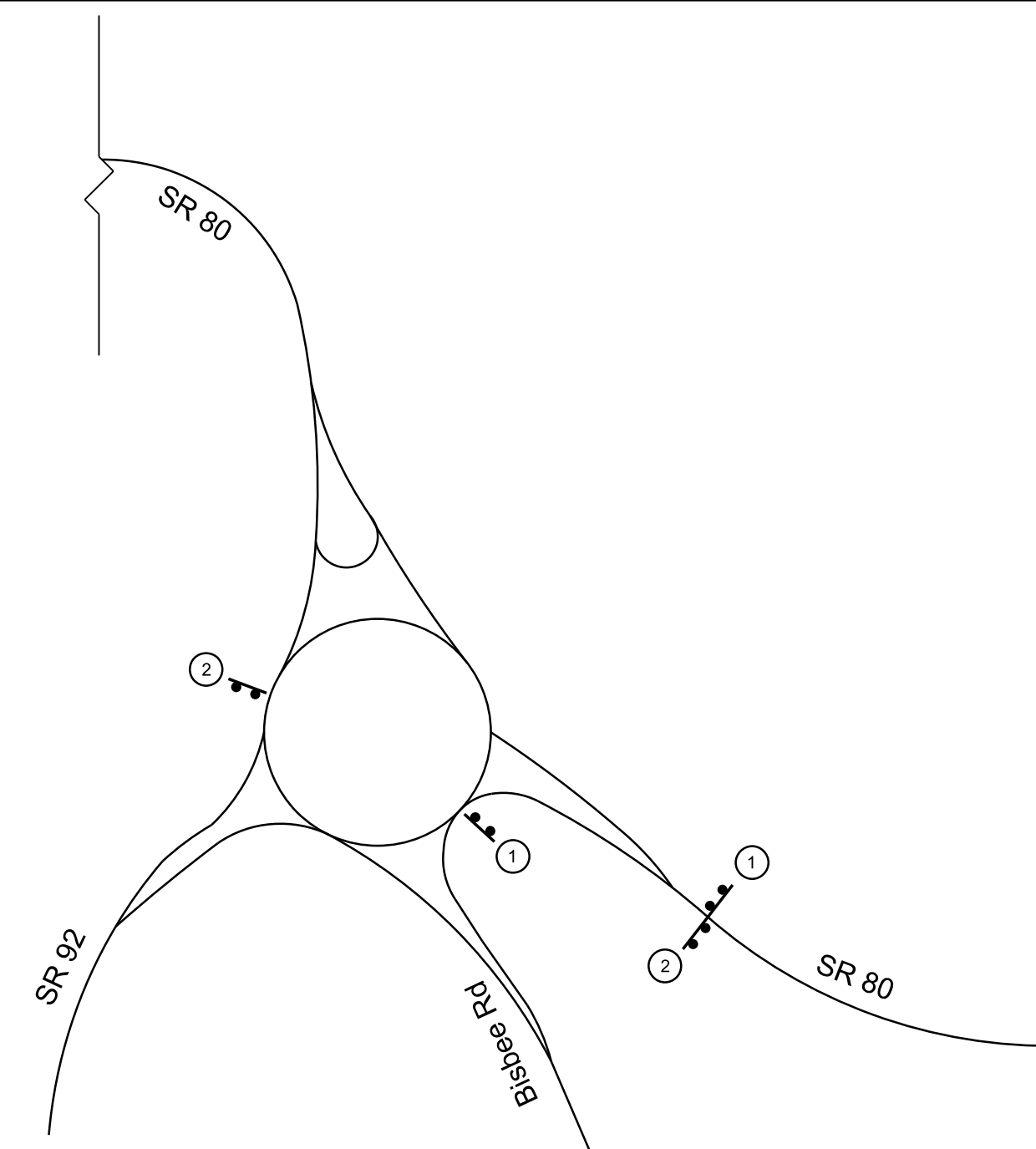
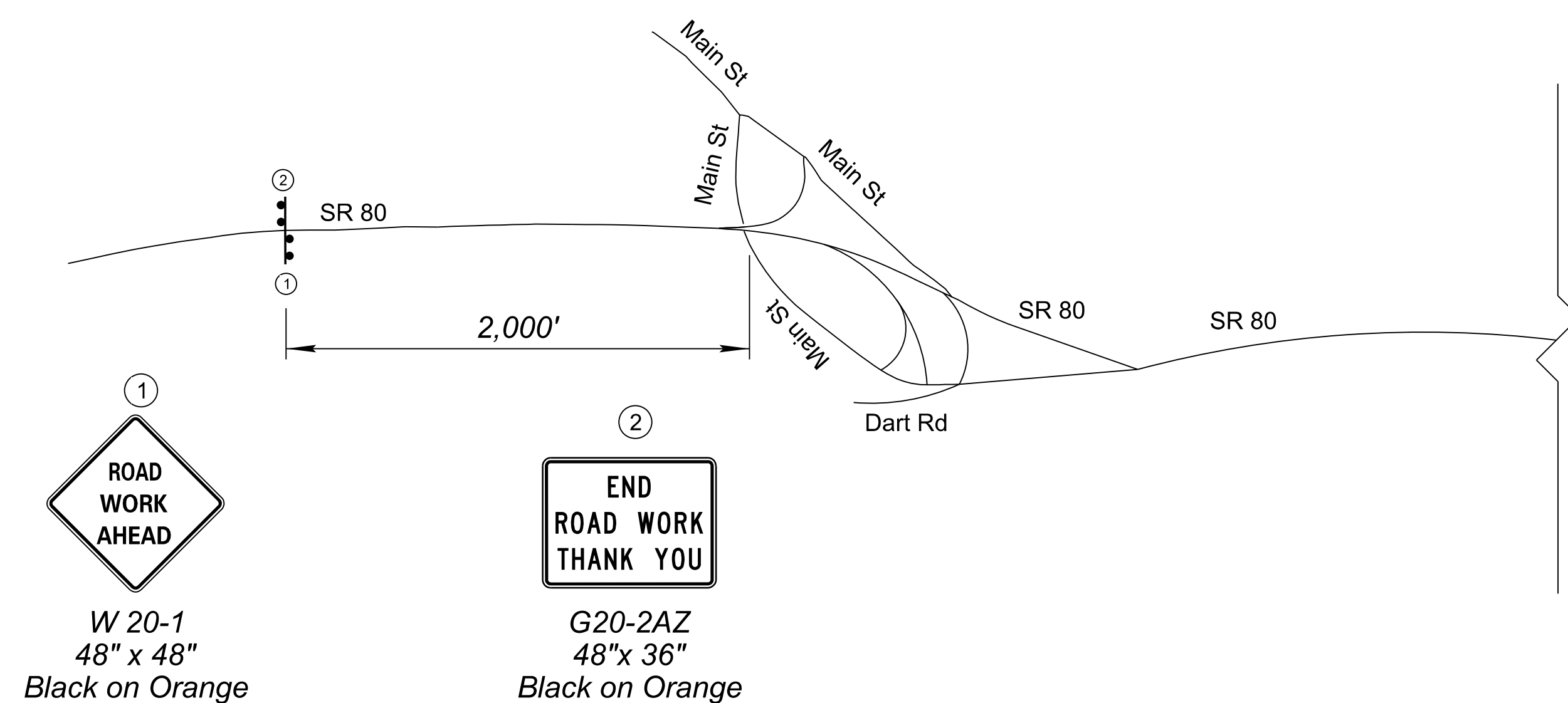
NOTES:
1. All elevations are given at even 25' intervals, unless noted otherwise.
2. All elevations are to the top of Pavement.
3. Stations and offsets are based on the Exst SR 80 South Cst CL, unless noted otherwise.

LEGEND
▼ Match Exst



	DESIGN	TJB	DATE	06/26	CITY OF BISBEE	ROUTE	SR 80	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	080 CH BIS	FEDERAL ID NO.	BIS-0(204)T	SHEET NO.	39	TOTAL SHEETS	66	RECORD DRAWING
	DRAWN	TJB		06/26		MILEPOST	342				LOCATION OLD BISBEE - ERIE STREET								
	CHECKED	TJR		06/26		STRUCTURE NO.					TRACS NO. T0413 01C								
						SR 80 STAKING SHEET Sta 557+75 to 569+31													

MAINTENANCE AND PROTECTION OF TRAFFIC				
CONSTRUCTION ACTIVITY		DURATION	TRAFFIC CONTROL	REMARKS
1	Mobilization and Install Advance Warning Signs	5 Working Days	Maintain all traffic in existing lanes per Detail TC-A. Close shoulders similar to Figure SA-15 of the ADOT TCDG	Changeable Message Boards shall be installed at least 7 calendar days prior to traffic control implementation
2	Construct EB SR 80 On-Ramp at Dart Rd	11 Working Days	Maintain one lane of EB and WB traffic on SR 80 per Detail TC-B. Close one lane of WB SR 80 east of Main St. Interchange per Figure SA-5(R) of the ADOT TCDG. Close EB on-ramp from Dart Rd to SR 80.	Refer to the specifications for lane closure restrictions.
3	Reconstruct Dart Rd Interchange Pavement	9 Working Days	Maintain one lane of EB and WB traffic on SR 80 using a temporary traffic signal per Detail TC-C	Refer to the specification for lane closure restrictions.
4	Mill and Pave EB SR 80, Construct Median Barrier and Shared Use Path. Construct New Pavement and Curb at Overlook. Construct Curb at Erie St.	49 Working Days	Maintain one lane of EB and WB traffic on SR 80 per Detail TC-D. Close Erie St from SR 80 to gas station parking area. Detour Erie St to turnaround north of roundabout.	Refer to the specifications for lane closure restrictions.
5	Fogcoating	4 Working Days	Maintain one lane of EB and WB traffic on SR 80 similar to Figure 6H-32 in the MUTCD.	Refer to the specifications for lane closure restrictions.
6	Initial Pavement Markings	2 Working Days	Maintain one lane of EB and WB traffic on SR 80 using mobile operations similar to Figure SA-19B of the ADOT TCDG.	
7	Final Pavement Markings	3 Working Days	Maintain one lane of EB and WB traffic on SR 80 using mobile operations similar to Figure SA-19B of the ADOT TCDG.	

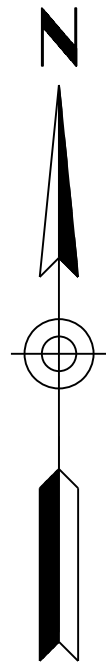


DETAIL TC-A

Advance Warning Sign Placement

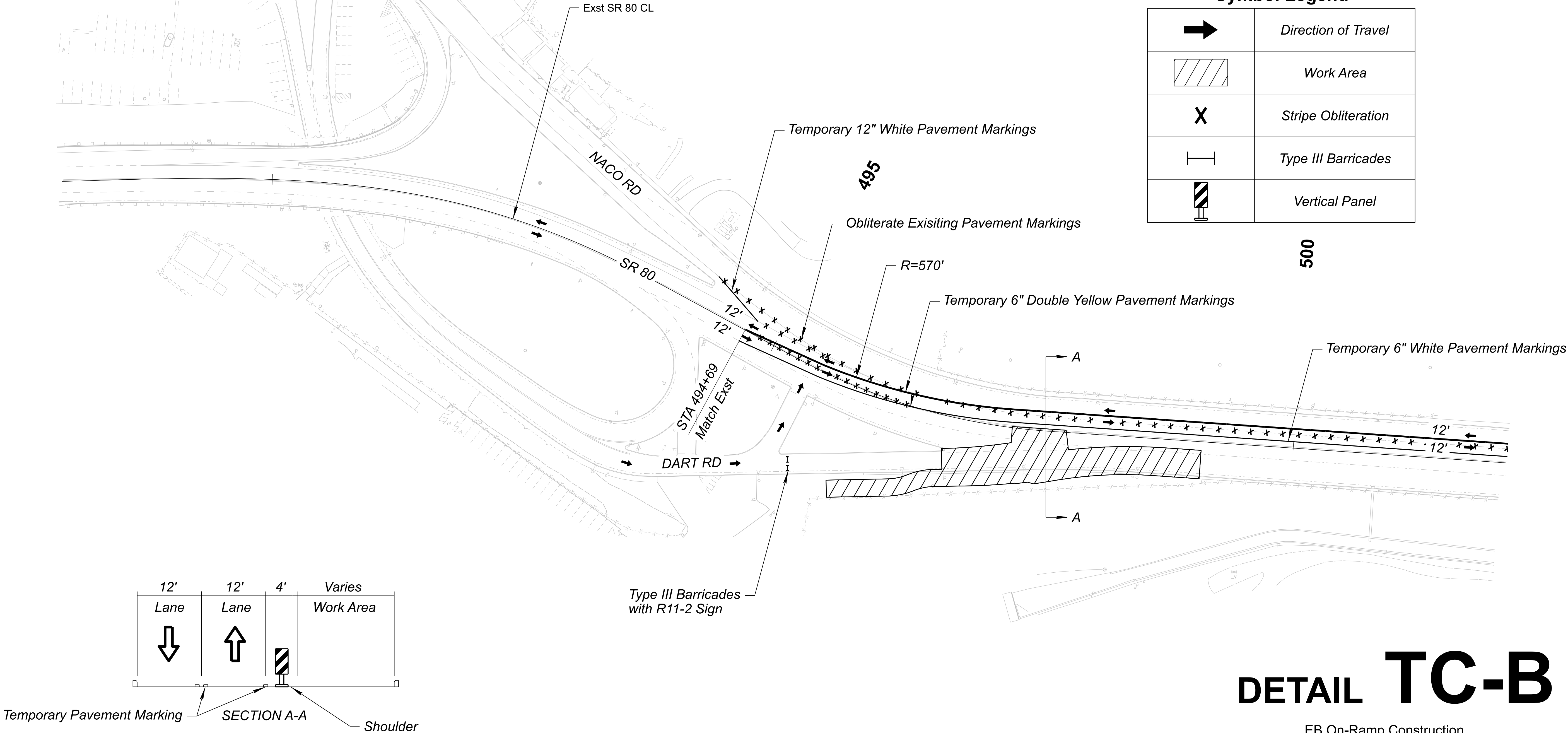
	<table border="1"> <thead> <tr> <th></th> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DESIGN</td> <td>EGK</td> <td>06/26</td> </tr> <tr> <td>DRAWN</td> <td>AN</td> <td>06/26</td> </tr> <tr> <td>CHECKED</td> <td>EGK</td> <td>06/26</td> </tr> </tbody> </table>		NAME	DATE	DESIGN	EGK	06/26	DRAWN	AN	06/26	CHECKED	EGK	06/26	<table border="1"> <tr> <td rowspan="3">CITY OF BISBEE</td> <td>ROUTE</td> <td>F.H.W.A. Arizona Division</td> <td>STATE</td> <td>ARIZ.</td> <td>PROJECT NO.</td> <td>080 CH BIS</td> <td>FEDERAL ID NO.</td> <td>BIS-0(204)T</td> <td>SHEET NO.</td> <td>40</td> <td>TOTAL SHEETS</td> <td>66</td> <td>RECORD DRAWING</td> </tr> <tr> <td>MILEPOST</td> <td>342</td> <td colspan="10"></td> </tr> <tr> <td>STRUCTURE NO.</td> <td colspan="10"></td> </tr> </table>	CITY OF BISBEE	ROUTE	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	080 CH BIS	FEDERAL ID NO.	BIS-0(204)T	SHEET NO.	40	TOTAL SHEETS	66	RECORD DRAWING	MILEPOST	342											STRUCTURE NO.										
		NAME	DATE																																																
	DESIGN	EGK	06/26																																																
	DRAWN	AN	06/26																																																
CHECKED	EGK	06/26																																																	
CITY OF BISBEE	ROUTE	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	080 CH BIS	FEDERAL ID NO.	BIS-0(204)T	SHEET NO.	40	TOTAL SHEETS	66	RECORD DRAWING																																						
	MILEPOST	342																																																	
	STRUCTURE NO.																																																		
	<table border="1"> <tr> <td rowspan="3">MAINTENANCE OF TRAFFIC</td> <td>LOCATION</td> <td colspan="10">OLD BISBEE - ERIE STREET</td> <td>DWG NO.</td> <td>T-01.01</td> </tr> <tr> <td>TRACS NO.</td> <td colspan="10">T0413 01C</td> <td colspan="2">___ OF ___</td> </tr> <tr> <td colspan="12"></td> </tr> </table>	MAINTENANCE OF TRAFFIC	LOCATION	OLD BISBEE - ERIE STREET										DWG NO.	T-01.01	TRACS NO.	T0413 01C										___ OF ___																								
MAINTENANCE OF TRAFFIC	LOCATION		OLD BISBEE - ERIE STREET										DWG NO.	T-01.01																																					
	TRACS NO.		T0413 01C										___ OF ___																																						

CONSTRUCTION ACTIVITY	TRAFFIC CONTROL	REMARKS
Construct EB SR 80 On-Ramp at Dart Rd	Maintain one lane of EB and WB traffic on SR 80 per Detail TC-B. Close one lane of WB SR 80 east of Main St. Interchange per Figure SA-5(R) of the ADOT TCDG. Close EB on-ramp from Dart Rd to SR 80.	Refer to the specifications for lane closure restrictions.



Symbol Legend

	Direction of Travel
	Work Area
	Stripe Obliteration
	Type III Barricades
	Vertical Panel

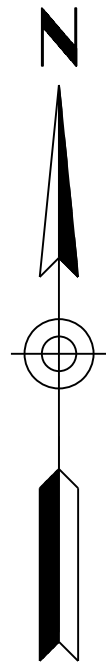


DETAIL TC-B

EB On-Ramp Construction

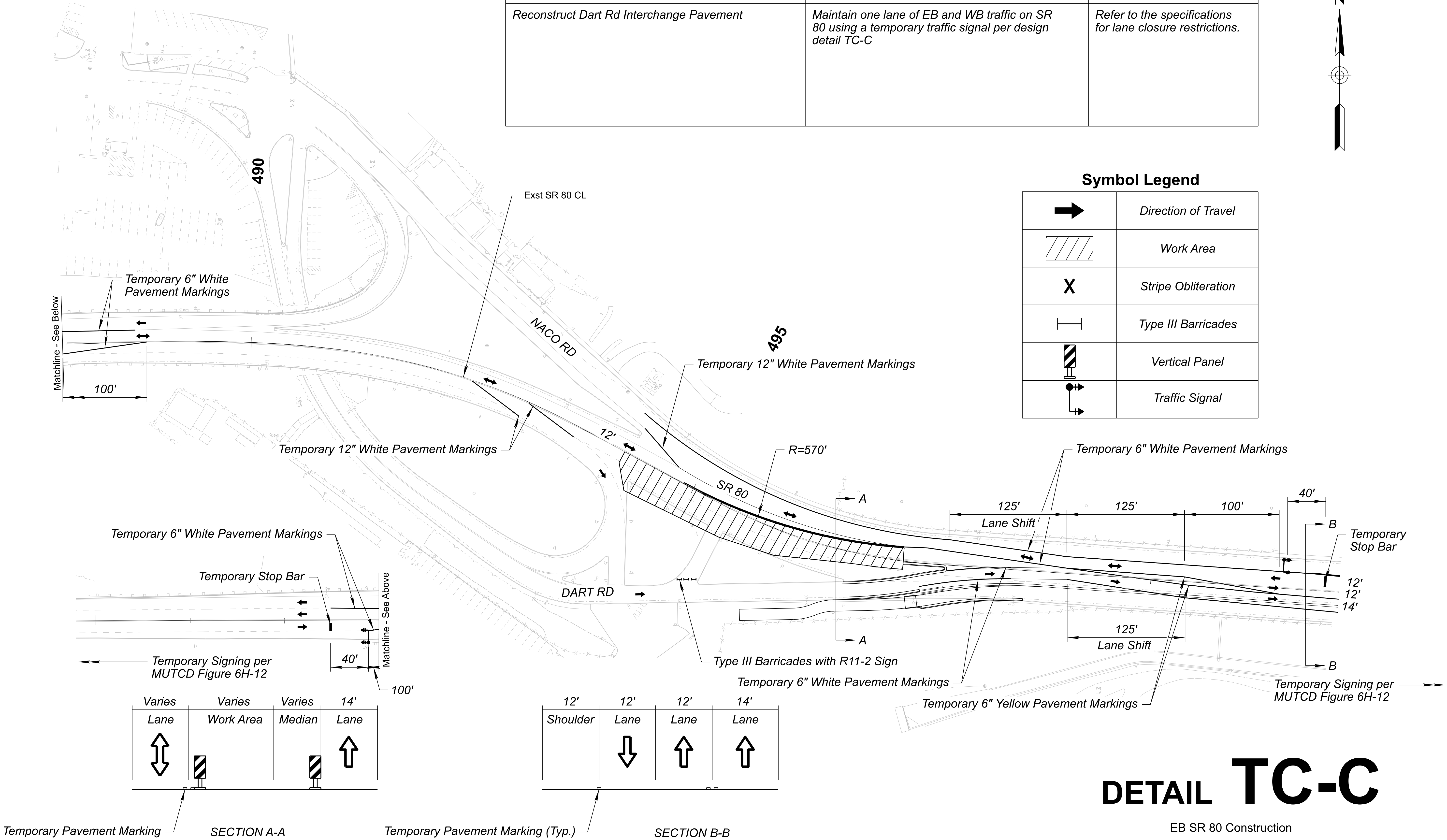
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	CHECKED	EGK		06/26										
	Kimley»Horn					CONSTRUCTION PHASING ACTIVITY 2 EB ON-RAMP CONSTRUCTION								
						MILEPOST	342	LOCATION OLD BISBEE - ERIE STREET						DWG NO. T-02.01
						STRUCTURE NO.		TRACS NO. T0413 01C		OF				

CONSTRUCTION ACTIVITY	TRAFFIC CONTROL	REMARKS
Reconstruct Dart Rd Interchange Pavement	Maintain one lane of EB and WB traffic on SR 80 using a temporary traffic signal per design detail TC-C	Refer to the specifications for lane closure restrictions.



Symbol Legend

	Direction of Travel
	Work Area
	Stripe Obliteration
	Type III Barricades
	Vertical Panel
	Traffic Signal

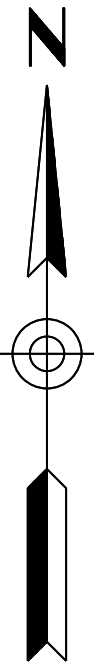


DETAIL TC-C

EB SR 80 Construction

	DESIGN	EGK	DATE	06/26	CITY OF BISBEE	ROUTE	SR 80	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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	CHECKED	EGK	06/26			STRUCTURE NO.				OLD BISBEE - ERIE STREET			DWG NO. T-02.02	
						CONSTRUCTION PHASING ACTIVITY 3 EB SR 80 CONSTRUCTION				TRACS NO. T0413 01C			____ OF ____	

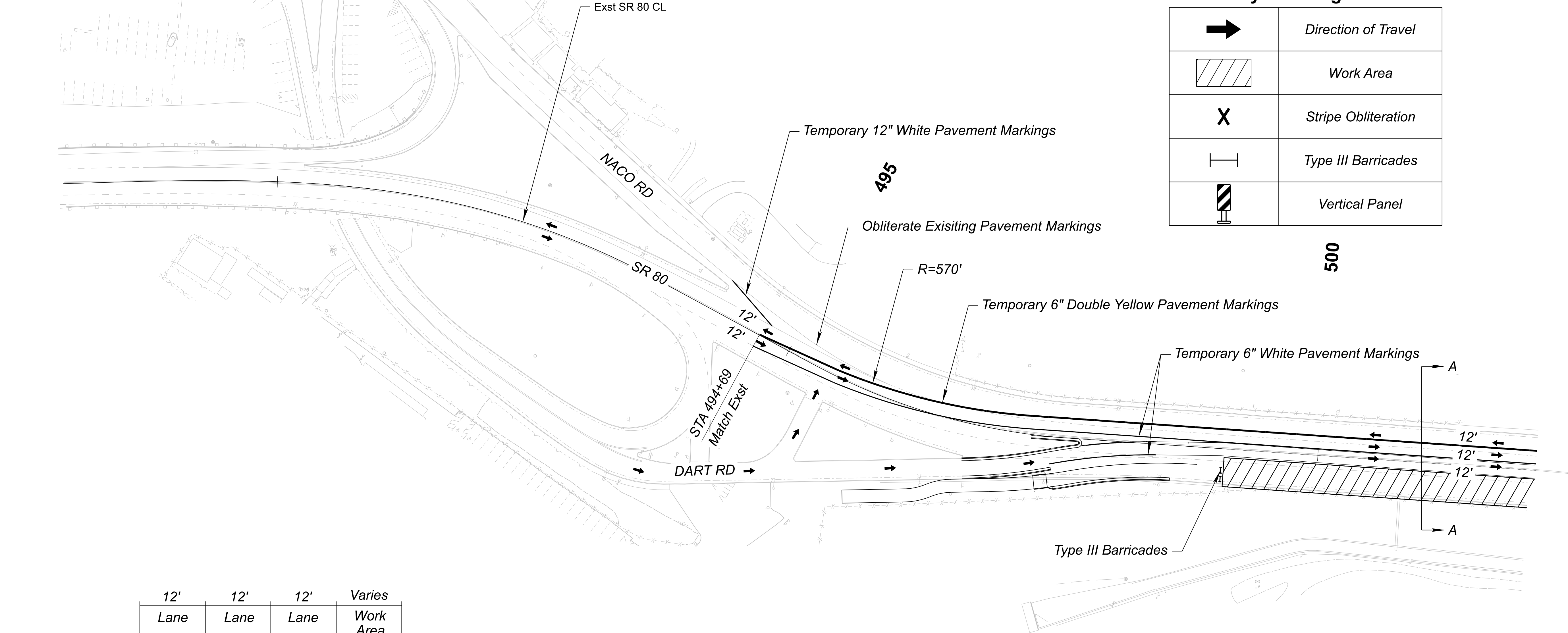
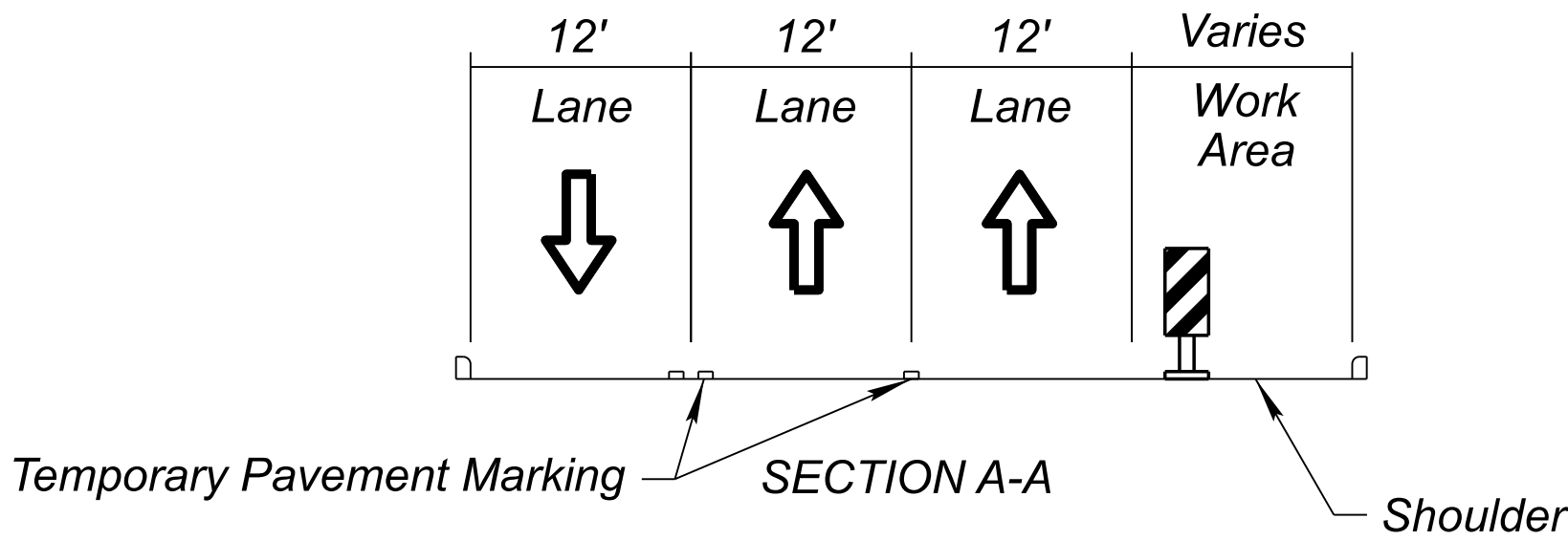
CONSTRUCTION ACTIVITY	TRAFFIC CONTROL	REMARKS
Mill and Pave EB SR 80. Construct Median Barrier and Shared Use Path	Maintain one lane of EB and WB traffic on SR 80 per Detail TC-D.	Refer to the specifications for lane closure restrictions.
Construct New Pavement and Curb at Overlook	Close Erie St. from SR 80 to gas station parking area. Detour Erie St. to turnaround noth of roundabout	
Construct Curb at Erie St.		



Symbol Legend

	Direction of Travel
	Work Area
	Stripe Obliteration
	Type III Barricades
	Vertical Panel

500



DETAIL TC-D

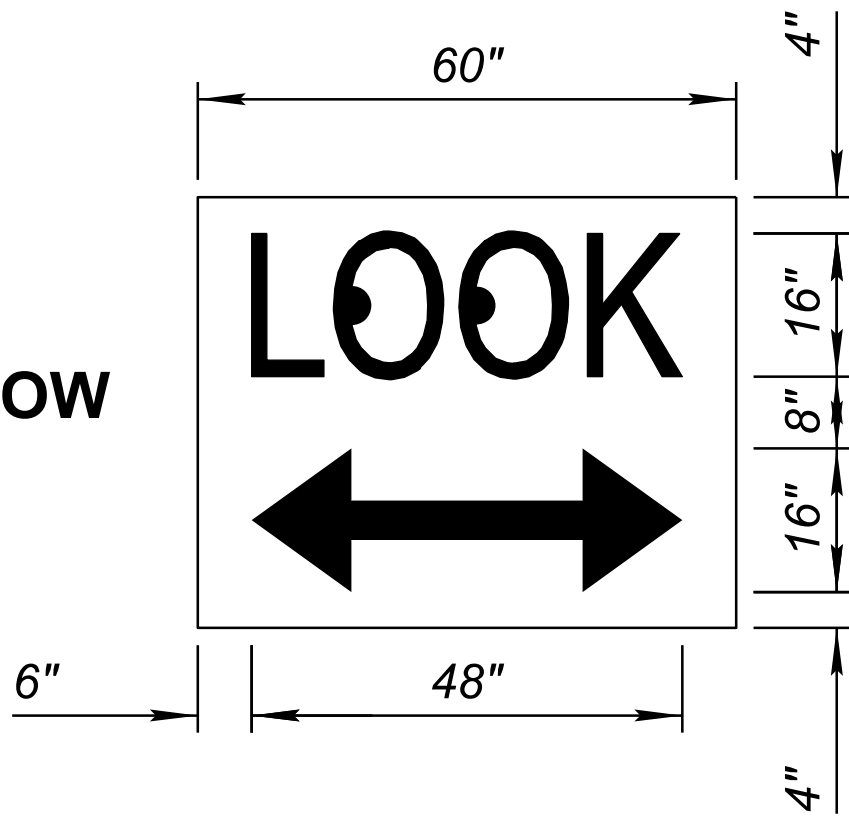
SUP Construction

	NAME		DATE	CITY OF BISBEE	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	EGK	06/26		SR 80	ARIZ.	080 CH BIS	BIS-0(204)T	43	66		
	DRAWN	AN	06/26									
	CHECKED	EGK	06/26									
	Kimley»Horn			CONSTRUCTION PHASING	MILEPOST	LOCATION OLD BISBEE - ERIE STREET						DWG NO. T-02.03
© 2025 KIMLEY-HORN AND ASSOCIATES, INC.			ACTIVITY 4	342	TRACS NO. T0413 01C						___ OF ___	
			SUP Construction	STRUCTURE NO.								

PAVEMENT MARKING GENERAL NOTES

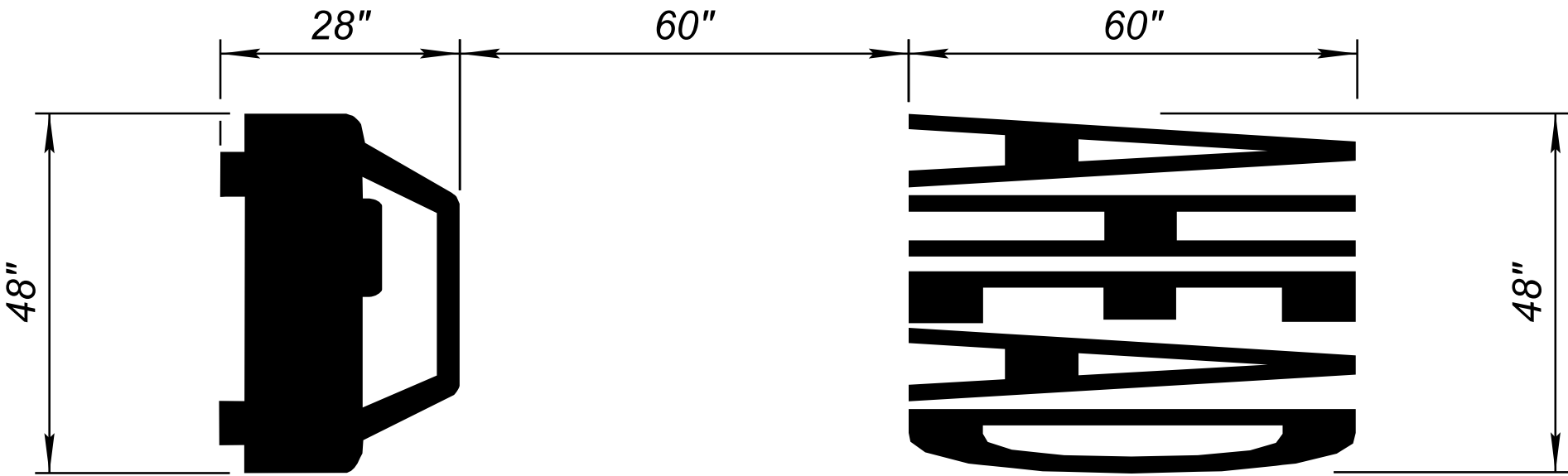
1. Final striping shall be 90 mil (0.090 inches) thick alkyd extruded thermoplastic reflectorized striping placed over the existing striping, placed at a minimum of 30 calendar days after the initial striping. All other markings shall be applied at the same time.
2. The contractor shall clean the roadway surface to the satisfaction of the Engineer, by sweeping and air-jet blowing, immediately prior to the placement of all pavement markings. The roadway surface shall be dry and the air and pavement temperatures shall be a minimum of 55 degree F and rising for the placement of thermoplastic striping.
3. Single arrow, "ONLY" and "SLOW" legends shall be installed in accordance with ADOT Standard Drawings M-6, M-7, M-8, M-10 and M-11.
4. All final stop bars, pavement arrows and "ONLY" shall be 90 mil (0.090 inch) thick, extruded thermoplastic reflectorized markings.
5. It is the contractor's responsibility to ensure that the final surface course is placed so that the striping is offset one foot clear of any construction joint, unless otherwise directed by the Engineer.
6. The contractor shall be responsible for the layout and installation of permanent pavement markings on the final surface course following control points that have been set no more than 50 feet apart along the lines to be striped.
7. The contractor shall break the center lines and edge lines adjacent to turnouts across any intersections with dedicated roadways or as otherwise directed by the Engineer. In addition, the contractor shall not place any center lines within 10 feet of the nearest edge of pavement of the intersecting roadway.
8. When stripe obliteration is necessary, it shall be accomplished by an approved method. Painting over striping, removal of pavement, and overlaying pavement do not constitute stripe obliteration.
9. Layout of traffic markings will be part of the work included in item 9250001-Construction Surveying and Layout.
10. The pavement marking drawings are schematic only and not to scale. The contractor shall follow all dimensions and details when installing pavement markings.
11. Bicycle green pavement markings shall be preformed thermoplastic.
12. "LOOK WITH ARROW" will be paid for under item 7050019, each separately.
13. The Bicycle and Pedestrian Symbols from the "BICYCLE, PEDESTRAIN, AND ARROW DETAIL" will be paid for under item 7050028, each separately. The Arrow in this detail will be paid under item 7050023.
14. The Vehicle Symbol from the "VEHICLE AHEAD DETAIL" will be paid for under item 7050028. "AHEAD" in this detail will be paid under item 7040074.
15. The Pedestrian Symbol from the "PEDESTRIAN, KEEP RIGHT, AND ARROW DETAIL" will be paid for under item 7050028. "KEEP" and "RIGHT" in this detail will be paid under item 7040074, each separately. The Arrow in this detail will be paid under item 7050023.
16. Wrong way arrow shall be installed in accordance with ADOT Standard Drawing M-12 to quantities to be paid for under item 7040005.

LOOK WITH ARROW
DETAIL

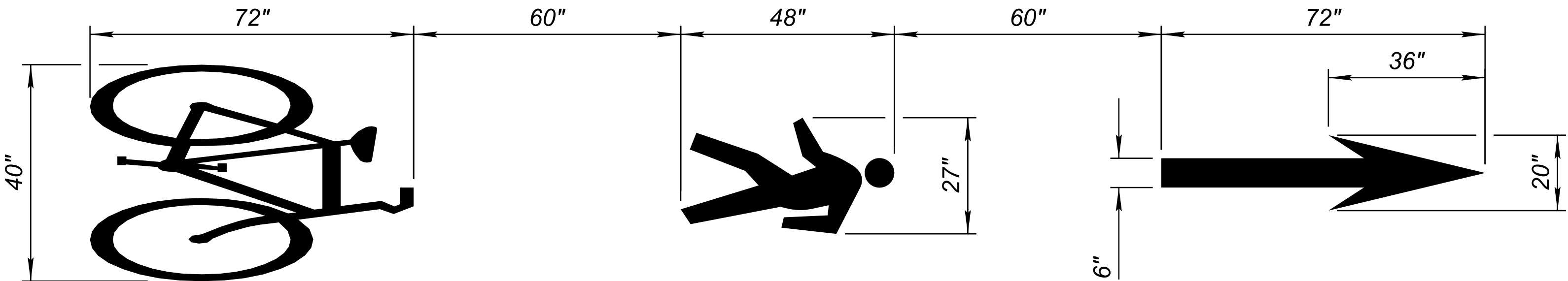


PAVEMENT MARKING QUANTITIES

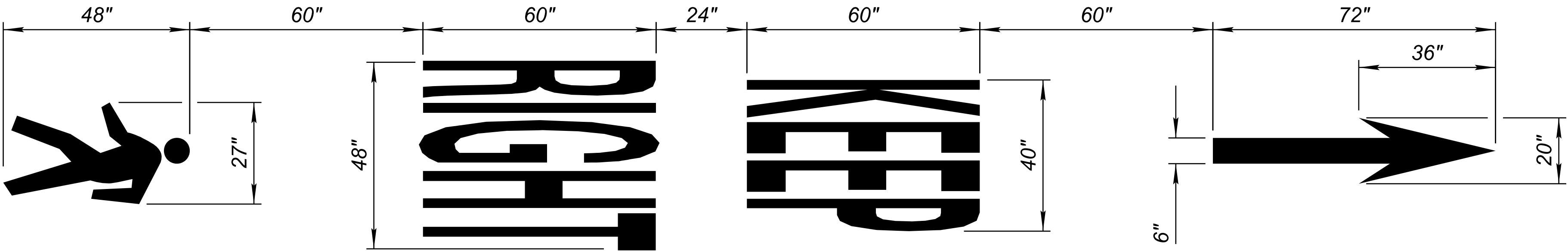
Bid Item No.	Item Description	Unit	Quantities
7015052	Obliterate Pavement Marking (Stripe)	L.FT.	19,172
7040005	Pavement Marking (White Extruded Thermoplastic) (0.090")	L.FT.	16,535
7040006	Pavement Marking (Yellow Extruded Thermoplastic) (0.090")	L.FT.	16,270
7040072	Pavement Marking (Transverse) (Thermoplastic) (ALKYD) (0.090")	L.FT.	180
7040073	Pavement Legend (Extruded Thermoplastic) (ALKYD) (0.090")	EA	2
7040074	Pavement Symbol (Extruded Thermoplastic) (ALKYD) (0.090")	EA	8
7050019	Pavement Marking, Preformed, Legend, Type I	EA	10
7050023	Pavement Marking, Preformed, Single Arrow, Type I	EA	14
7050028	Pavement Marking, Preformed, Symbol, Type I	EA	28
7080201	Waterborne - Type I Pavement Marking (Painted) (White)	L.FT.	16,715
7080202	Waterborne - Type I Pavement Marking (Painted) (Yellow)	L.FT.	16,270
7080206	Waterborne - Type I Pavement Marking (Painted Symbol) (Arrow)	EA	8
7080208	Waterborne - Type I Pavement Marking (Painted Legend) (ONLY)	EA	2
7080301	Paint Bull Nose	EA	2
9240181	Miscellaneous Work (Portland Green Preformed Thermoplastic) (0.120")	SQ.YD.	57



VEHICLE AHEAD DETAIL



BICYCLE, PEDESTRAIN, AND ARROW DETAIL



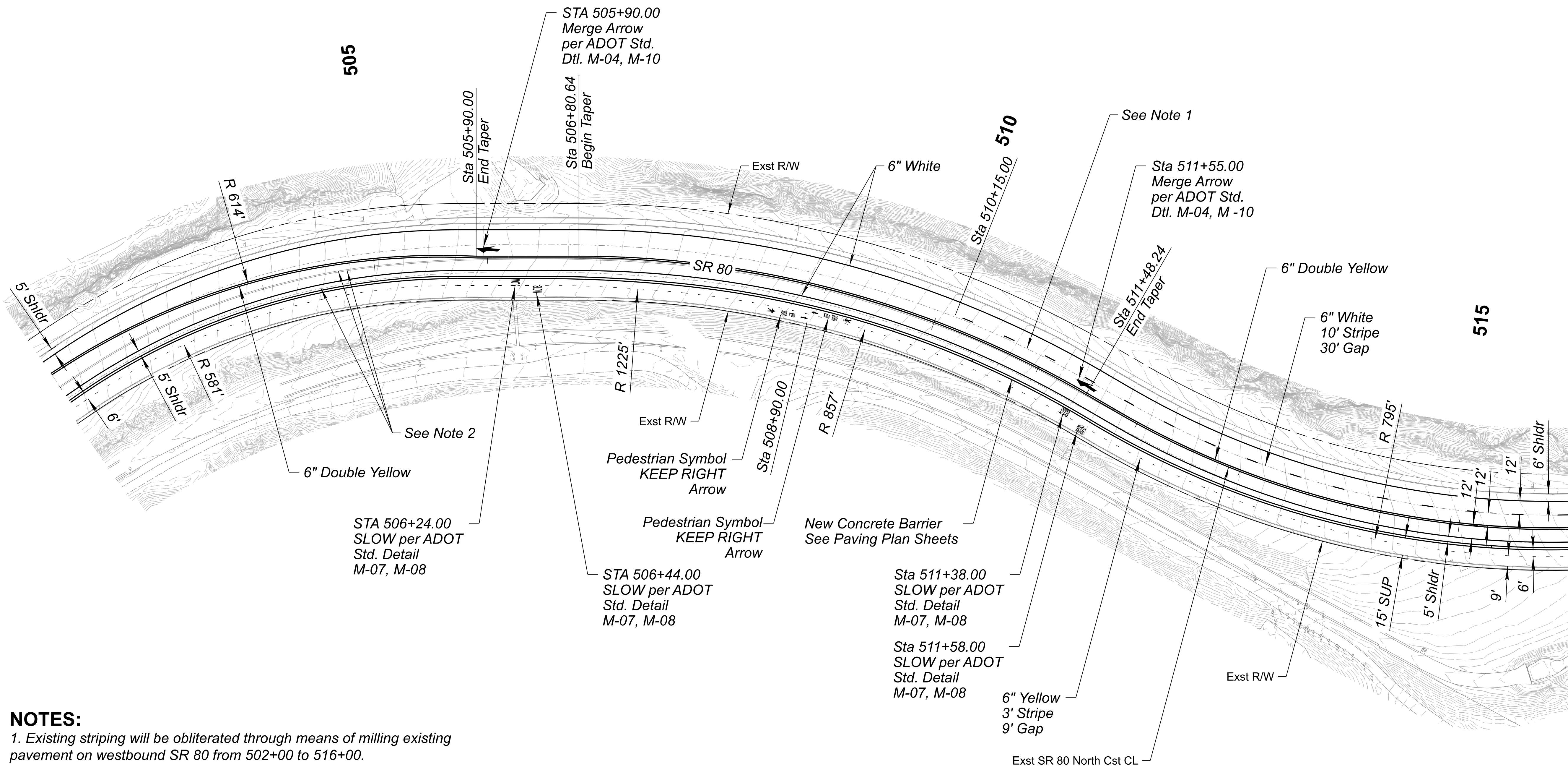
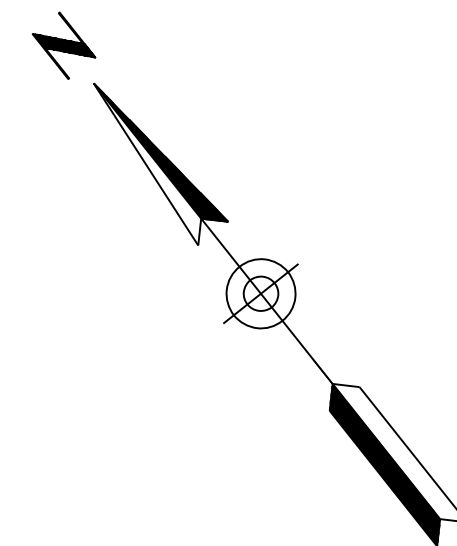
PEDESTRIAN, KEEP RIGHT, AND ARROW DETAIL



DESIGN	CJS	DATE	06/26
DRAWN	TJB		06/26
CHECKED	TJR		06/26
Kimley»Horn			
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CITY OF BISBEE	
SR 80 PAVEMENT MARKING AND SIGNING GENERAL NOTES	

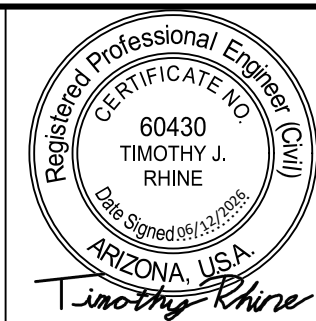
ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 44	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET					DWG NO. T-03.01	
STRUCTURE NO.	TRACS NO. T0413 01C					____ OF ____	



NOTES:

1. Existing striping will be obliterated through means of milling existing pavement on westbound SR 80 from 502+00 to 516+00.

2. Existing striping will be obliterated through means of milling existing pavement on eastbound SR 80 from 502+00 to 516+00.

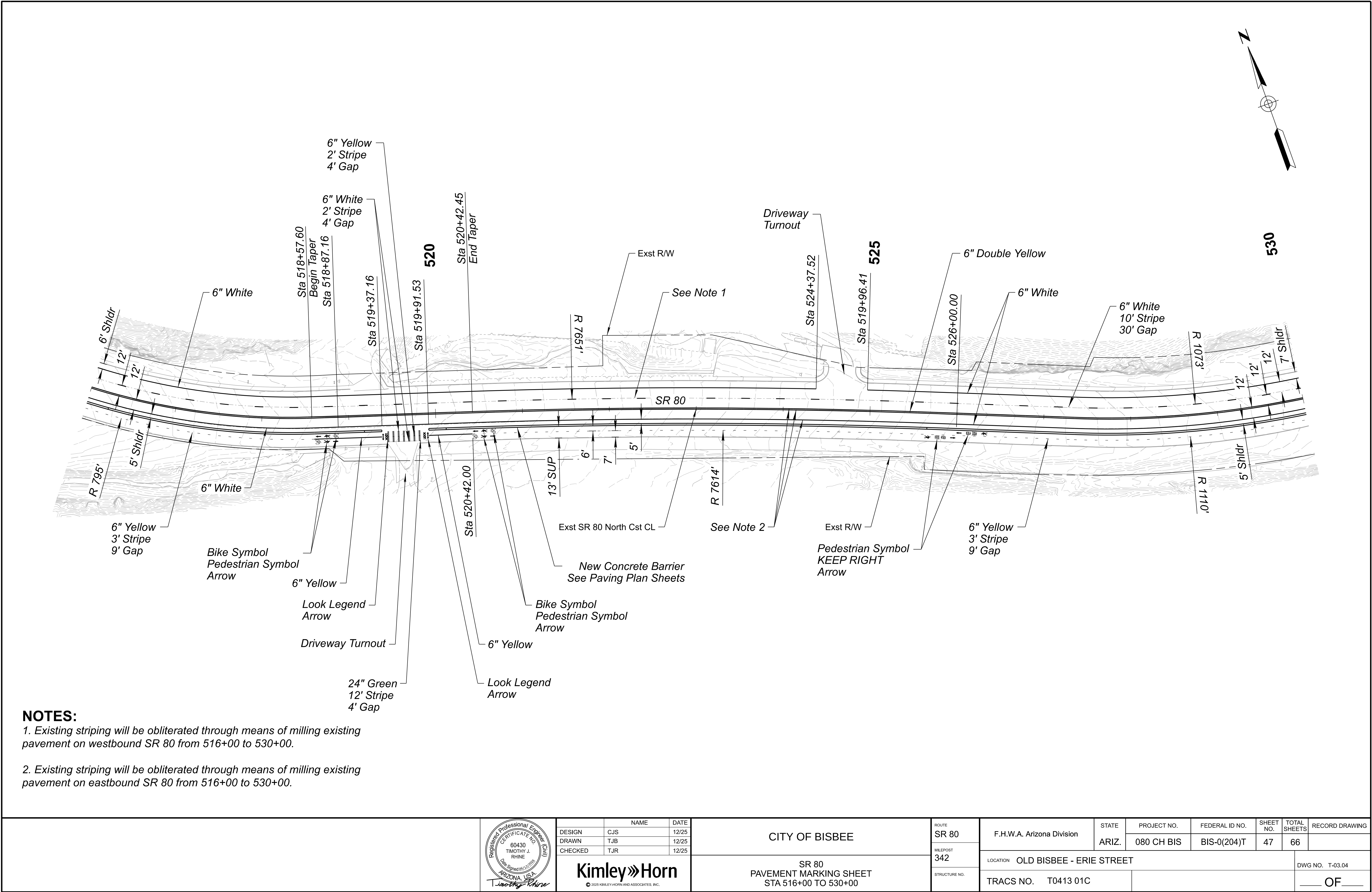


	NAME	DATE
DESIGN	CJS	12/25
DRAWN	TJB	12/25
CHECKED	TJR	12/25

Kimley»Horn
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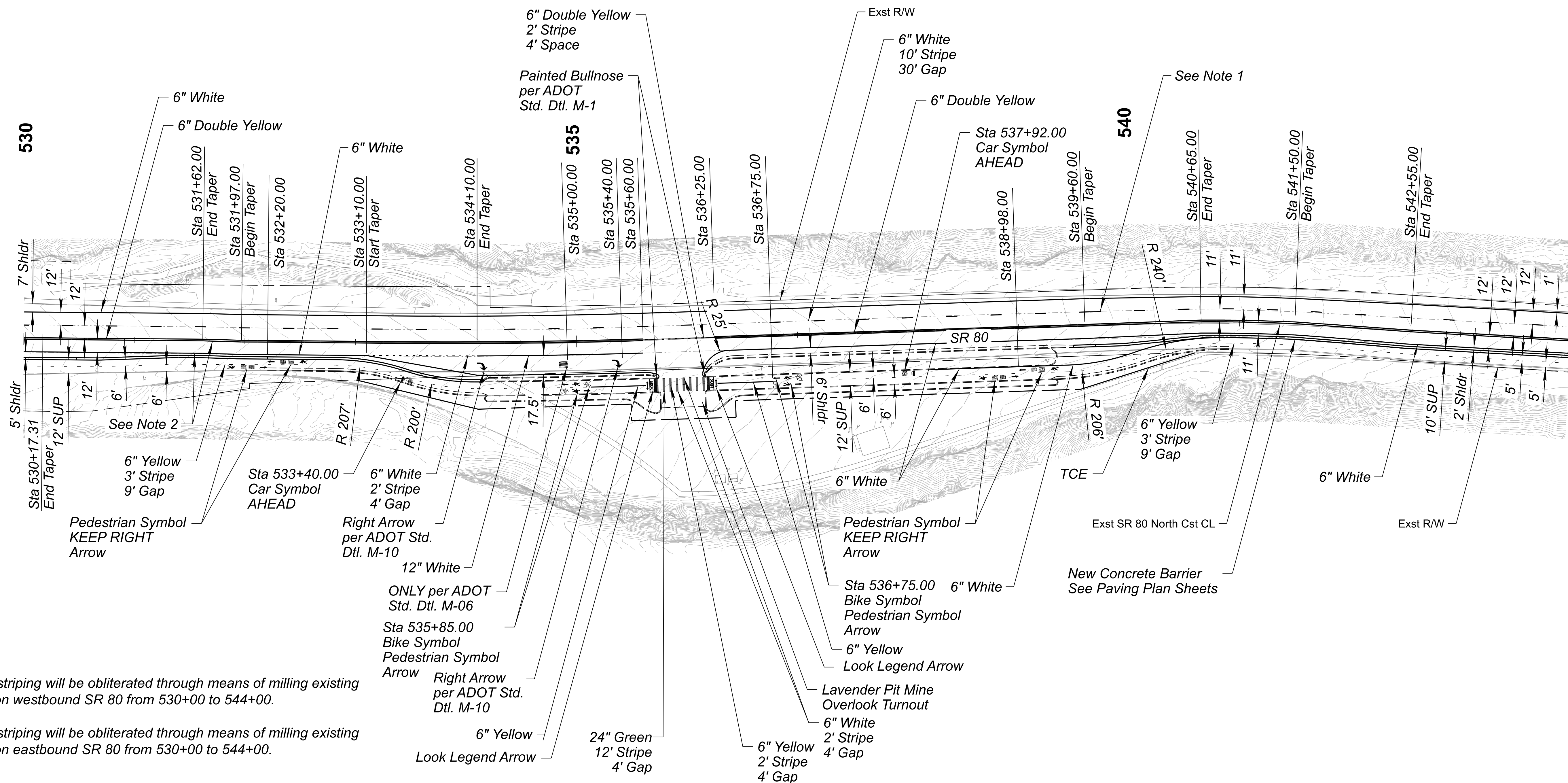
CITY OF BISBEE
SR 80 PAVEMENT MARKING SHEET STA 502+00 TO 516+00

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 46	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET					DWG NO. T-03.03	
STRUCTURE NO.	TRACS NO. T0413 01C					___ OF ___	



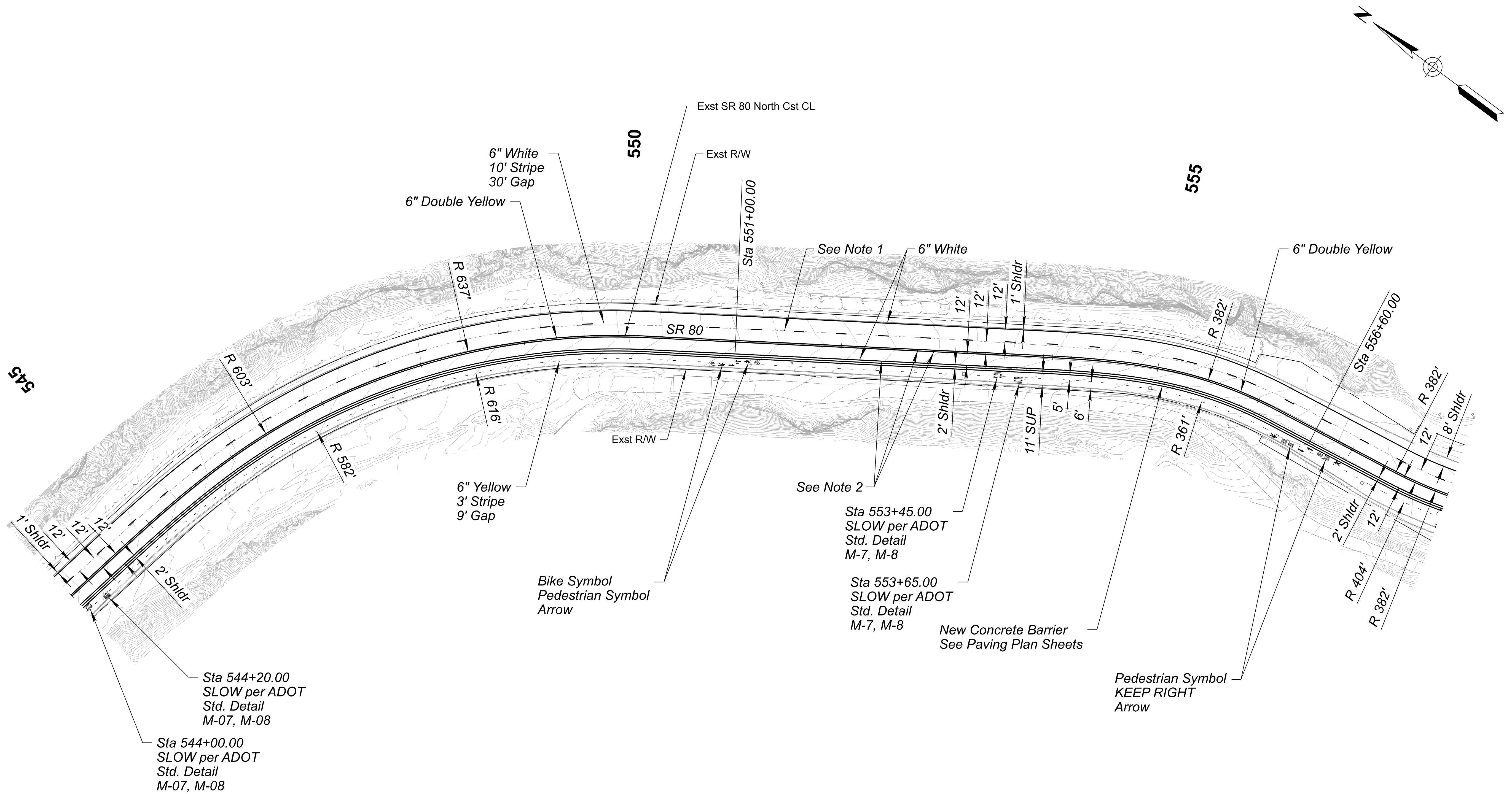
NOTES:
1. Existing striping will be obliterated through means of milling existing pavement on westbound SR 80 from 516+00 to 530+00.
2. Existing striping will be obliterated through means of milling existing pavement on eastbound SR 80 from 516+00 to 530+00.

	NAME		DATE	CITY OF BISBEE	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	
	DESIGN	CJS	12/25		SR 80			MILEPOST 342	080 CH BIS	BIS-0(204)T	47	66	
	DRAWN	TJB	12/25										
	CHECKED	TJR	12/25	SR 80 PAVEMENT MARKING SHEET STA 516+00 TO 530+00	STRUCTURE NO.	LOCATION OLD BISBEE - ERIE STREET					DWG NO. T-03.04		
						TRACS NO. T0413 01C					___ OF ___		



2. Existing striping will be obliterated through means of milling existing pavement on eastbound SR 80 from 530+00 to 544+00.

ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 48	TOTAL SHEETS 66	RECORD DRAWING
MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET						DWG NO. T-03.05
STRUCTURE NO.	TRACS NO. T0413 01C					____ OF ____	



- NOTES:**
1. Existing striping will be obliterated through means of milling existing pavement on westbound SR 80 from 544+00 to 558+00.
2. Existing striping will be obliterated through means of milling existing pavement on eastbound SR 80 from 544+00 to 558+00.

	NAME		DATE	CITY OF BISBEE	ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	CJS	12/25					080 CH BIS	BIS-0(204)T	49	66	
	DRAWN	TJB	12/25									
	CHECKED	TJR	12/25									
												
					STRUCTURE NO.	TRACS NO. T0413 01C				___ OF ___		

SIGNING GENERAL NOTES

1.

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

The Engineer may modify the signing plans.
3.

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. Please contact David Lee, Southern Region Traffic Engineering, 520-255-1490, for verification.
4.

The bottom of each ground mounted sign assembly shall be at least 7 feet above the nearest edge of pavement and at least 7 feet above the ground under the sign.
5.

Normal offset for all signs is 12 feet from the near edge of sign to the edge of pavement or back of curb. Signs behind concrete barrier, guard rail, or vertical curb shall have a minimum offset of two feet from back of barrier or back of guardrail to the near edge of the sign unless otherwise noted in the sign summary of the plan sheets.
6.

Offsets for all signs shall be measured from the edge of the roadway to the nearest edge of the sign as shown in ADOT Std. Dwg. S-3.
7.

The retroreflective sheeting on all new signs shall meet criteria established in Section 1007 of the Specifications and in Section 380 of ADOT's Traffic Engineering Guidelines and Processes. All yellow signs shall have fluorescent sheeting.
8.

All work shall be performed within ADOT right of way.
9.

The contractor shall remove existing signing where indicated on the plans and in the sign summary.
10.

Foundations of existing signs that are to be removed or relocated shall be removed a minimum of two feet below finished grade.
11.

Existing signs not indicated in the sign summary that do not need to be removed or relocated, shall remain. If construction activities require a sign assembly removal not noted in the plan, the sign assembly shall be replaced as new and placed as near as possible to the existing location as directed by the Engineer. The removal or replacement of sign assemblies for any construction activity shall be included in the cost of that activity. No further compensation shall be made.
12.

The contractor shall preserve all existing roadway sign panels, sign posts, object markers, milepost markers and foundations for sign posts to remain. The contractor shall replace any signs, sign supports, and markers damaged as a result of the construction at the contractor's expense.
13.

The contractor shall inventory all signs to be removed and reinstalled or covered, and note damaged signs to the Engineer at the time of covering or removal. All signs damaged by covering, removal, or reinstallation shall be replaced by the contractor at the contractor's expense.
14.

All new ground-mounted signs shall be installed with two nuts per bolt. All bolts shall have hex heads, not slotted heads. Only cadmium plated or zinc plated steel washers shall be used between each bolt head and the face of the panel. The bolts and washers shall not be painted unless the bolt and washer coincides with the sign legend.
15.

All new signs shall be fabricated with aluminum extrusions or flat sheet aluminum with direct applied copy or screen printed legend as indicated in Section 608 of the Specifications.
16.

All new signs shall be installed on new posts with foundations as indicated in the ADOT Standard Drawings. Slip bases shall be installed in accordance with ADOT Std. Dwg. S-3 (Sht. 16 of 16).
17.

Shop Drawings will be required for all signs.
18.

Upon installation of each finished sign, the contractor shall place information on the back of the sign as shown on the sign identification details in ADOT Std. Dwg. S-13.
19.

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

SIGNING QUANTITIES

Bid Item No.	Item Description	Unit	Quantities
2020155	Remove (Sign Assembly)	EACH	18
6070038	Slip Base	EACH	28
6070054	Sign Post (Perforated) (2S)	L.FT.	10
6070055	Sign Post (Perforated) (2½S)	L.FT.	288
6070057	Sign Post (Perforated) (2½T)	L.FT.	159
6070060	Foundation for Sign Post (Concrete)	EACH	36
6071001	Sign Post (Perforated) (Barrier Sign Mount Detail E)	EACH	1
6080005	Regulatory, Warning, or Marker Sign Panel	SQ.FT.	209
6080025	Flat Sheet Aluminum Sign Panel	SQ.FT.	47
6080110	Remove and Reinstall Sign	EACH	4
6080120	Sign (Temporary EDA Sign)	EACH	2
9240121	Miscellaneous Work (Relocate Bisbee Sign)	EACH	1
9240122	Miscellaneous Work (Dynamic Speed Feedback Sign Assembly)	EACH	1



HIGH QUALITY IMAGE TO BE PROVIDED TO THE CONTRACTOR FOR FABRICATION

CUSTOM REGULATORY
LOOK BOTH WAYS
(24"X32")
STA 519+80
STA 536+20



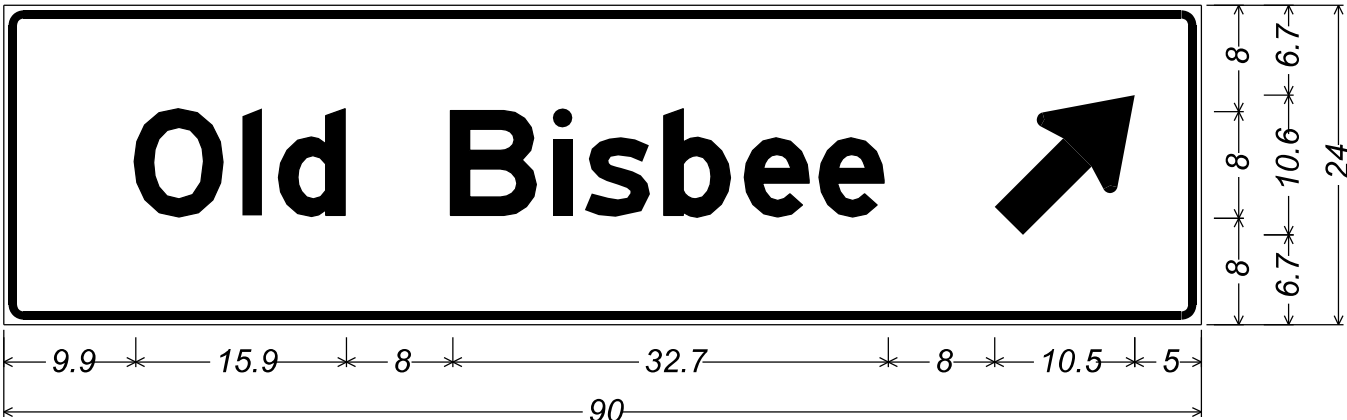
EDA

U.S. DEPARTMENT OF COMMERCE ECONOMIC DEVELOPMENT ADMINISTRATION

In partnership with

CITY OF BISBEE
& BISBEE BIKEWAYS

EDA PROJECT SIGN
(96"X48")
STA 495+90
STA 562+48



1.5" Radius, 0.6" Border, 0.4" Indent, White on Brown;
"Old Bisbee", E 2K; Standard Arrow Custom 13.4" X 8.1" 45°;

OLD BISBEE ADVANCED EXIT SIGN
(90"X24")
STA 499+38



	NAME	DATE
DESIGN	CJS	12/25
DRAWN	TJB	12/25
CHECKED	TJR	12/25

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CITY OF BISBEE	ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 51	TOTAL SHEETS 66	RECORD DRAWING
	MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET						DWG NO. T-04.01
	STRUCTURE NO.	TRACS NO. T0413 01C						____ OF ____
SR 80 SIGNING GENERAL NOTES								

Plan Sht No.	Sign Number	MOAS Code	Sign	Work					New	Replace Panel	Relocate Panel	Relocate Structure	Remove	To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel						Ground Mounted				Overhead		Remarks																			
				Existing														Foundations	Post		Stringer		Structure Type	Number of Lights																									
				Width (in)	Height (in)	Area (sq. ft)	Type	Bid Item Number											Type	Total length (ft)	New Slabases	Type			Total length (ft)																								
Legend	Width (in)	Height (in)	Area (sq. ft)	Type	Bid Item Number	Foundations	Type	Total length (ft)	New Slabases	Type	Total length (ft)	Structure Type	Number of Lights	Remarks																																			
T-05.01	Sta 418+00	R2-1												X				SPEED LIMIT (45)																															
T-05.01	Sta 483+35	W3-5	X											12	7	YL		SPEED REDUCED AHEAD (35)	36	36	9.0	RWM	6080005	1	2 1/2T	13	1																						
T-05.01	Sta 489+00	R2-1	X											12	7	WH		SPEED LIMIT (35)	30	36	7.5	RWM	6080005								MOUNT BEHIND GUARDRAIL																		
	+	W13-20	X													YL		SPEED FEEDBACK SIGN	30	36			9240122								ON TYPE A POLE																		
T-05.01	Sta 491+60	W13-6												X				EXIT ADVISORY SPEED (270 DEGREE ARROW) (15)																															
T-05.01	Sta 492+59	D5-1z												X				ARIZONA TOURIST INFO (1 MILE)																															
T-05.01	Sta 493+10	W1-15												X				270 DEGREE LOOP																															
	+	W13-1P												X				ADVISORY SPEED (15)																															
T-05.01	Sta 493+67	D1-1												X				OLD BISBEE																															
T-05.01	Sta 493+95	CUSTOM												X				80 WEST (ARROW) / OLD BISBEE (RIGHT ARROW)																															
T-05.01	Sta 494+00	R5-1												X				DO NOT ENTER																															
T-05.01	Sta 494+26	W12-2												X				13'-5" CLEARANCE SYMBOL																															
T-05.01	Sta 494+34	R4-7												X				KEEP RIGHT SYMBOL																															
	+	OM1-2												X				TYPE 1 OBJECT MARKER																															
T-05.01	Sta 494+34	W1-8												X				CHEVRON																															
T-05.01	Sta 494+41	R5-1												X				DO NOT ENTER																															
T-05.01	Sta 494+41	W1-8												X				CHEVRON																															
T-05.01	Sta 494+49	R6-1												X				ONE WAY (IN ARROW)																															
T-05.01	Sta 494+56	W1-8												X				CHEVRON																															
T-05.01	Sta 494+59	W1-8												X				CHEVRON																															
T-05.01	Sta 494+65	R1-1	X											12	7	WH		STOP	36	36	9.0	RWM	6080005	1	2 1/2T	12	1																						
T-05.01	Sta 494+86	W1-1L		X												YL		LEFT TURN	36	36	9.0	RWM	6080005	1	2 1/2T	13	1																						
	+	W13-1P										X						SPEED ADVISORY (35)					2020155																										
T-05.01	Sta 494+86	R5-1												X				DO NOT ENTER																															
T-05.01	Sta 495+26	R5-1												X				DO NOT ENTER																															
T-05.01	Sta 495+43	M3-4												X				WEST																															
	+	M3-2												X				EAST																															
	+	M1-5a												X				STATE ROUTE MARKER (80)																															
	+	M1-5a												X				STATE ROUTE MARKER (80)																															
	+	M6-3												X				LEFT ARROW																															
	+	M6-1												X				STRAIGHT ARROW																															
NOTES: 1. The Contractor shall verify post lengths and elevations. 2. The Engineer may shift a sign in order to achieve a more desirable location. 3. Quantities are approximate and for the Contractor's information only.																		PANEL TYPES: RWM: Regulatory, Warning, or Marker F-DA: Flat-sheet aluminum F-Dem: Flat-sheet aluminum with demountable characters Ext: Aluminum extrusions Incr: Aluminum sheet increment Over: Overhead (New overlaid extrusions)						COLORS: BK: Black BL: Blue BR: Brown GR: Green RD: Red WH: White YL: Fluorescent Yellow						STRINGER TYPES: P: Square-tube Post T: T-section (WT 3x6)				POST TYPES: S: Single perforate T: Telescoping perforated															
																		DESIGN		CJS		DATE		12/25		CITY OF BISBEE						ROUTE		SR 80		F.H.W.A. Arizona Division		STATE		PROJECT NO.		FEDERAL ID NO.		SHEET NO.		TOTAL SHEETS		RECORD DRAWING	
																		DRAWN		TJB		12/25		MILEPOST								342																	
																		CHECKED		TJR		12/25		SIGN SUMMARY SHEETS						STRUCTURE NO.				LOCATION: OLD BISBEE - ERIE STREET						DWG NO. T-05.01									
																																				TRACS NO. T0413 01C						____ OF ____							

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6/1/2026

Casey.Schneider

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Plan Sht No.	Sign Number	MOAS Code	Sign	Work					Offset (ft)	Mounting Height (ft)	Background Color	Panel					Ground Mounted					Overhead		Remarks												
				Existing													Post		Stringer			Structure Type	Number of Lights													
				New	Replace Panel	Relocate Panel	Relocate Structure	Remove				To Remain	Type	Total length (ft)	New Signbases	Type	Total length (ft)	Foundations	Type	Total length (ft)	Structure Type				Number of Lights											
	+	M6-1					X					Legend STRAIGHT ARROW																								
T-05.01	Sta 495+47	R1-1	X					12	7	WH		STOP	36	36	9.0	RWM	6080005	1	2 1/2T	12	1															
T-05.01	Sta 495+50	R1-1	X					12	7	WH		STOP	36	36	9.0	RWM	6080005	1	2 1/2T	12	1															
T-05.01	Sta 495+90	CUSTOM	X					12	7			EDA - CITY OF BISBEE					6080120							SEE SPECIFICATIONS FOR FOUNDATION AND SIGN DETAILS												
T-05.01	Sta 496+05	D5-1z					X					ARIZONA TOURIST INFO (1 MILE)																								
T-05.01	Sta 496+17	W4-3					X					ADDED LANE					2020155																			
T-05.01	Sta 496+85	R5-1		X				12	7	WH		DO NOT ENTER					6080110	1	2 1/2T	12	1															
	-	W4-3					X					ADDED LANE					2020155																			
T-05.01	Sta 497+25	W4-1R	X							YL		Merge	36	36	9.0	RWM	6080005	1	2 1/2T	12	1															
T-05.01	Sta 498+56	R8-5					X					NO STOPPING ON PAVEMENT																								
T-05.01	Sta 499+18	W1-4		X				12	7	YL		REVERSE CURVE					6080110							INSTALL ON BARRIER PER DETAIL E												
	+	W13-1P					X					ADVISORY SPEED (35)					2020155																			
T-05.01	Sta 499+38	D1-107a					X					SR 80 WEST / LEFT LANE					2020155																			
	+	D1-1					X					OLD BISBEE RIGHT LANE					2020155																			
T-05.01	Sta 499+38	D1-1	X					12	7	BR		Arrow DESTINATION	90	24	15.0	F-DA	6080025	2	2 1/2T	24	1	P	5													
T-05.01	Sta 500+15	W1-1R					X					RIGHT TURN																								
	+	W13-1P					X					ADVISORY SPEED (30)																								
T-05.02	Sta 503+95	W9-101					X					THRU TRAFFIC MERGE LEFT					2020155																			
T-05.02	Sta 504+95	M3-4					X					WEST																								
	+	M1-5a					X					STATE ROUTE MARKER (80)																								
	+	M1-4h					X					US 80																								
	+	R3-5bP					X					LEFT LANE					2020155																			
T-05.02	Sta 511+55	W4-2L	X					12	7	OR		LEFT LANE ENDS	36	36	9.0	RWM	6080005	1	2 1/2T	12	1															
T-05.02	Sta 515+64	W8-5					X					Slippery When Wet Symbol																								
	+	W13-P					X					ADVISORY SPEED (35)					2020155																			
T-05.03	Sta 517+82	CUSTOM					X					OLD BISBEE HISTORIC DISTRICT NEXT RIGHT																								
	+	D9-3a					X					Trailer Symbol																								
	+	M6-3					X					STRAIGHT ARROW																								
T-05.03	Sta 518+84	R2-1					X					SPEED LIMIT (45)					2020155																			
T-05.03	Sta 518+84	R2-1	X					12	7	WH		SPEED LIMIT (35)	30	36	7.5	RWM	6080005	1	2 1/2S	12																
T-05.03	Sta 518+86	D5-1z					X					ARIZONA TOURIST INFO (1/2 MILE)																								
T-05.03	Sta 518+90	D10-3					X					MILE (342)																								
NOTES: 1. The Contractor shall verify post lengths and elevations. 2. The Engineer may shift a sign in order to achieve a more desirable location. 3. Quantities are approximate and for the Contractor's information only.												PANEL TYPES: RWM: Regulatory, Warning, or Marker F-DA: Flat-sheet aluminum F-Dem: Flat-sheet aluminum with demountable characters Ext: Aluminum extrusions Incr: Aluminum sheet increment Over: Overhead (New overlaid extrusions)					COLORS: BK: Black BL: Blue BR: Brown GR: Green RD: Red WH: White YL: Fluorescent Yellow					STRINGER TYPES: P: Square-tube Post T: T-section (WT 3x6)			POST TYPES: S: Single perforate T: Telescoping perforated											
												DESIGN		CJS	12/25	CITY OF BISBEE				ROUTE		SR 80	F.H.W.A. Arizona Division		STATE		ARIZ.	PROJECT NO.	080 CH BIS	FEDERAL ID NO.	BIS-0(204)T	SHEET NO.	53	TOTAL SHEETS	66	RECORD DRAWING
												DRAWN		TJB	12/25					MILEPOST		342					LOCATION					OLD BISBEE - ERIE STREET				
												CHECKED		TJR	12/25	SIGN SUMMARY SHEETS				STRUCTURE NO.		TRACS NO. T0413 01C					____ OF ____									

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6/1/2026

Casey.Schneider

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Plan Sht No.	Sign Number	MOAS Code	Sign	Work						Offset (ft)	Mounting Height (ft)	Background Color	Panel					Ground Mounted					Overhead		
				Existing					Foundations									Post		Stringer			Structure Type	Number of Lights	
				New	Replace Panel	Relocate Panel	Relocate Structure	Remove					To Remain	Type	Type	Total length (ft)	New Slipbases	Type	Total length (ft)						
Legend	Width (in)	Height (in)	Area (sq. ft)	Type	Bid Item Number																		Remarks		
T-05.03	Sta 518+90	D10-3					X						MILE (342)												
T-05.03	Sta 518+95	D10-3					X						MILE (342)												
T-05.03	Sta 519+21	D5-1s					X						SCENIC VIEW (1/2 MILE)												
T-05.03	Sta 519+80 +	R1-1 CUSTOM	X X					12	7	WH WH			STOP LOOK BOTH WAYS FOR BIKES	36 24	36 32	9.0 5.3	RWM RWM	6080005 6080005	2	2 1/2S	29	2			
T-05.03	Sta 520+04 +	W8-5 W13-P					X X						SLIPPERY WHEN WET ADVISORY SPEED (30)												
T-05.03	Sta 523+19 +	W9-1 W16-102P	X X					12	7	YL YL			LEFT LANE ENDS ¼ MILE AHEAD	36 36	36 18	9.0 4.5	RWM RWM	6080005 6080005	2	2 1/2S	28	2	P	3	
T-05.03	Sta 524+19 +	W1-4 W13-P					X						REVERSE CURVE ADVISORY SPEED (35)					2020155							
T-05.04	Sta 531+10	W3-5aAZ				X							SPEED REDUCED AHEAD					2020155							
T-05.04	Sta 532+28	D2-2					X						JCT SR 90 9 / TOMBSTONE 27												
T-05.04	Sta 532+50	D5-2as	X					12	7	BL			SCENIC VIEW	48	48	16.0	F-DA	6080025	2	2 1/2S	22	2			
T-05.04	Sta 532+97	R2-1				X							SPEED LIMIT (45)					2020155							
T-05.04	Sta 532+97	R2-1	X					12	7	WH			SPEED LIMIT (35)	30	36	7.5	RWM	6080005	1	2 1/2S	12			INSTALL ON EXISTING POSTS	
T-05.04	Sta 534+25 +	R3-5R R3-5fP	X X					12	7	WH WH			Right Turn Arrow ONLY RIGHT LANE	30 30	36 12	7.5 2.5	RWM RWM	6080005 6080005	2	2 1/2S	38	2			MOUNT ABOVE R3-5R
T-05.04	Sta 535+60	R10-15R	X					12	7	WH			TURNING TRAFFIC MUST YIELD TO PEDESTRIANS, BICYCLES	30	36	7.5	RWM	6080005	1	2 1/2S	12				
T-05.04	Sta 535+63	R10-15L	X							WH			TURNING TRAFFIC MUST YIELD TO PEDESTRIANS, BICYCLES	30	36	7.5	RWM	6080005	1	2 1/2S	12			MOUNT ANGLED TO WB TRAFFIC	
T-05.04	Sta 536+20 +	R1-1 CUSTOM	X X					12	7	WH WH			STOP LOOK BOTH WAYS FOR BIKES	36 24	36 32	9.0 5.3	RWM RWM	6080005 6080005	2	2 1/2S	29	2			
T-05.04	Sta 536+65	CUSTOM			X			12	7				TOWN OF BISBEE					9240121							
T-05.04	Sta 536+65 +	D5-2as D5-2as				X X							SCENIC VIEW SCENIC VIEW					2020155 2020155							
T-05.04	Sta 539+00	D5-2as	X					12	7	BL			SCENIC VIEW	48	48	16.0	F-DA	6080025	2	2 1/2S	22	2			
T-05.04	Sta 539+25	R1-1				X							STOP					2020155							
T-05.04	Sta 539+85	R2-1	X					12	7	WH			SPEED LIMIT (35)	30	36	7.5	RWM	6080005	1	2 1/2S	12				
T-05.03	Sta 540+10	R2-1				X							SPEED LIMIT (30)					2020155							

NOTES:

1. The Contractor shall verify post lengths and elevations.
2. The Engineer may shift a sign in order to achieve a more desirable location.
3. Quantities are approximate and for the Contractor's information only.

PANEL TYPES:

RWM: Regulatory, Warning, or Marker
F-DA: Flat-sheet aluminum
F-Dem: Flat-sheet aluminum with demountable characters
Ext: Aluminum extrusions
Incr: Aluminum sheet increment
Over: Overhead (New overlaid extrusions)

COLORS:

BK: Black
BL: Blue
BR: Brown
GR: Green
RD: Red
WH: White
YL: Fluorescent Yellow

STRINGER TYPES:

P: Square-tube Post
T: T-section (WT 3x6)

POST TYPES:

S: Single perforate
T: Telescoping perforated

 <i>Timothy Rhine</i>	<table><tr><th></th><th>NAME</th><th>DATE</th></tr><tr><td>DESIGN</td><td>CJS</td><td>12/25</td></tr><tr><td>DRAWN</td><td>TJB</td><td>12/25</td></tr><tr><td>CHECKED</td><td>TJR</td><td>12/25</td></tr></table>		NAME	DATE	DESIGN	CJS	12/25	DRAWN	TJB	12/25	CHECKED	TJR	12/25	CITY OF BISBEE	<table><tr><td>ROUTE</td><td>SR 80</td><td rowspan="2">STATE</td><td>F.H.W.A. Arizona Division</td><td>ARIZ.</td><td>PROJECT NO.</td><td>080 CH BIS</td><td>FEDERAL ID NO.</td><td>BIS-0(204)T</td><td>SHEET NO.</td><td>54</td><td>TOTAL SHEETS</td><td>66</td><td>RECORD DRAWING</td></tr><tr><td>MILEPOST</td><td>342</td></tr><tr><td rowspan="2">STRUCTURE NO.</td><td colspan="10">LOCATION OLD BISBEE - ERIE STREET</td><td colspan="2">DWG NO. T-05.03</td></tr><tr><td colspan="2">TRACS NO. T0413 01C</td><td colspan="8"></td><td colspan="2">___ OF ___</td></tr></table>	ROUTE	SR 80	STATE	F.H.W.A. Arizona Division	ARIZ.	PROJECT NO.	080 CH BIS	FEDERAL ID NO.	BIS-0(204)T	SHEET NO.	54	TOTAL SHEETS	66	RECORD DRAWING	MILEPOST	342	STRUCTURE NO.	LOCATION OLD BISBEE - ERIE STREET										DWG NO. T-05.03		TRACS NO. T0413 01C										___ OF ___	
		NAME	DATE																																																					
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Kimley»Horn © 2025 KIMLEY-HORN AND ASSOCIATES, INC.	SIGN SUMMARY SHEETS																																																							

Plan Sht No.	Sign Number	MOAS Code	Sign	Work					Offset (ft)	Mounting Height (ft)	Background Color	Panel	Ground Mounted						Overhead		Remarks				
				New	Existing								Foundations	Post		Stringer		Structure Type	Number of Lights						
					Replace Panel	Relocate Panel	Relocate Structure	Remove						To Remain	Type	Total length (ft)	New Slipbases			Type		Total length (ft)			
T-05.03	Sta 540+10	R2-1					X					Legend	Width (in)	Height (in)	Area (sq. ft)	Type	Bid Item Number								
												SPEED LIMIT (30)					2020155								
T-05.06	Sta 559+60	R3-5fP	X					12	7	WH		RIGHT LANE	30	12	2.5	RWM	6080005	2	2 1/2S	26	2				MOUNT ABOVE R3-5R
	+	R3-5R	X							WH		Right Turn Arrow ONLY	30	36	7.5	RWM	6080005								
T-05.06	Sta 559+92	R7-1			X			12	7	WH		NO PARKING ANY TIME DUAL ARROW					6080110	1	2S	10					
T-05.06	Sta 560+48	CUSTOM						X				ON CONSIGNMENT IN BISBEE													
T-05.06	Sta 560+93	W4-2L					X					Lane Ends					2020155								
T-05.06	Sta 561+50	CUSTOM						X				BISBEE BREAKFAST CLUB SIGN													
T-05.06	Sta 562+18	W12-2			X			12	7	YL		14'-7" CLEARANCE SYMBOL					6080110	2	2 1/2S	22	2				
T-05.06	Sta 562+48	CUSTOM	X					12	7			EDA - CITY OF BISBEE					6080120								SEE SPECIFICATIONS FOR FOUNDATION AND SIGN DETAILS
T-05.06	Sta 562+50	R4-16	X					12	7	WH		KEEP RIGHT EXCEPT TO PASS	24	30	5.0	RWM	6080005	1	2 1/2S	11					
T-05.06	Sta 563+23	R1-1	X					12	7	WH		STOP	36	36	9.0	RWM	6080005	1	2 1/2T	12	1				
T-05.06	Sta 563+55	R1-1	X					12	7	WH		STOP	36	36	9.0	RWM	6080005	1	2 1/2T	12	1				
T-05.06	Sta 563+94	M2-1						X				JCT													
	+	M1-5a						X				STATE ROUTE MARKER (92)													
	+	M5-101						X				¼ MILE													
T-05.06	Sta 564+74	W11-2						X				PEDESTRIAN CROSSING SYMBOL													
	+	W16-9P						X				AHEAD													
T-05.06	Sta 565+50	R1-1	X					12	7	WH		STOP	36	36	9.0	RWM	6080005	1	2 1/2T	12	1				
T-05.06	Sta 565+51	R16-101						X				BUCKLE UP IT'S THE LAW													
	+	D10-3						X				MILE (343)													
	+	D10-3						X				MILE (343)													
T-05.06	Sta 566+58	W2-6										ROUNDAABOUT													
	+	W16-101P										900 FEET AHEAD													
T-05.06	Sta 566+94	R2-1						X				SPEED LIMIT (25)													
T-05.06	Sta 566+95	R2-1	X							WH		SPEED LIMIT (35)	30	36	7.5	RWM	6080005								MOUNT ON EXISTING POSTS
T-05.06	Sta 566+95	R2-1					X					SPEED LIMIT (30)					2020155								
T-05.06	Sta 567+42	R7-1						X				NO PARKING ANY TIME DUAL ARROW													
T-05.06	Sta 568+65	R7-1						X				NO PARKING ANY TIME DUAL ARROW													

NOTES:

1. The Contractor shall verify post lengths and elevations.
2. The Engineer may shift a sign in order to achieve a more desirable location.
3. Quantities are approximate and for the Contractor's information only.

PANEL TYPES:

RWM: Regulatory, Warning, or Marker
F-DA: Flat-sheet aluminum
F-Dem: Flat-sheet aluminum with demountable characters
Ext: Aluminum extrusions
Incr: Aluminum sheet increment
Over: Overhead (New overlaid extrusions)

COLORS:

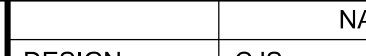
BK: Black
BL: Blue
BR: Brown
GR: Green
RD: Red
WH: White
YL: Fluorescent Yellow

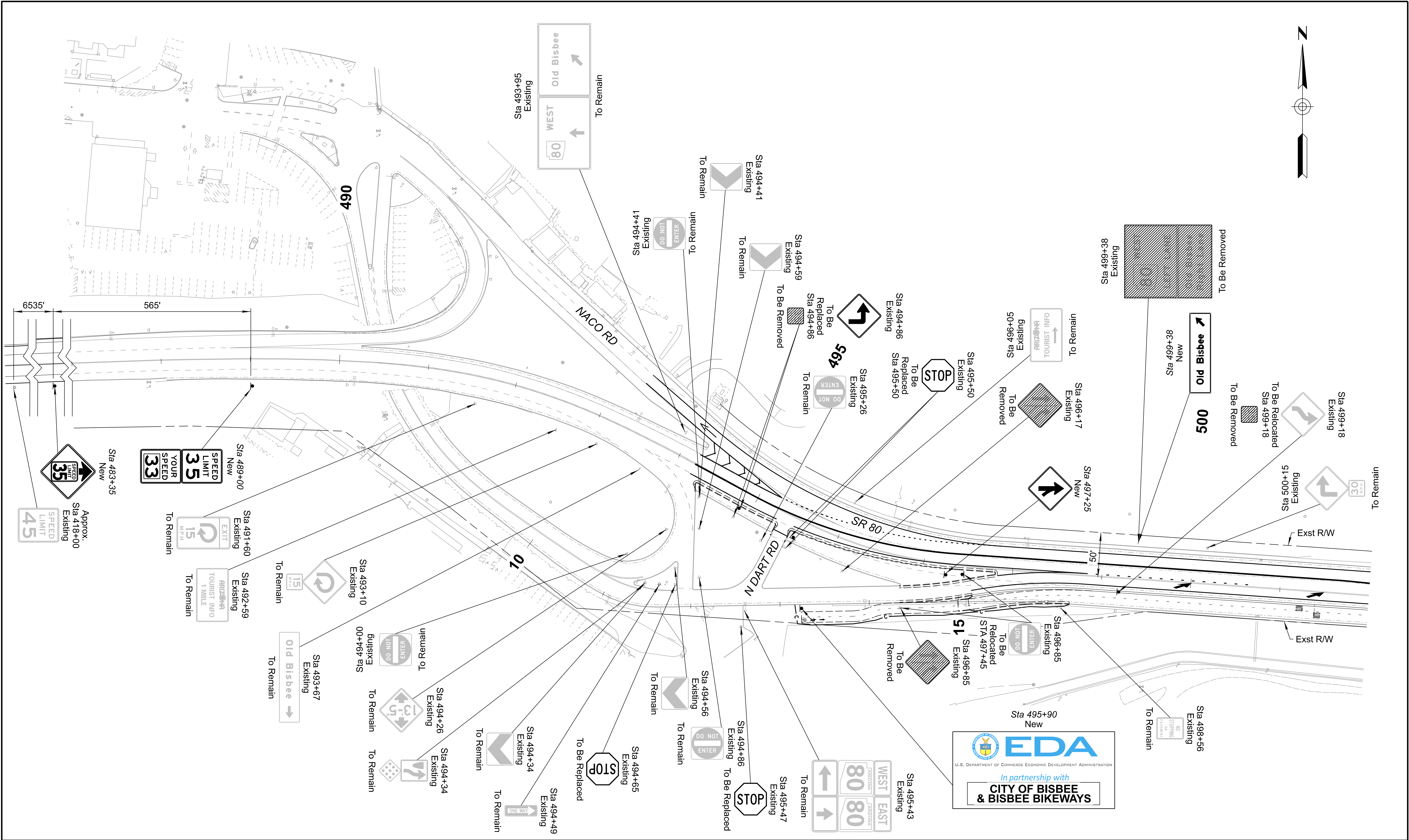
STRINGER TYPES:

P: Square-tube Post
T: T-section (WT 3x6)

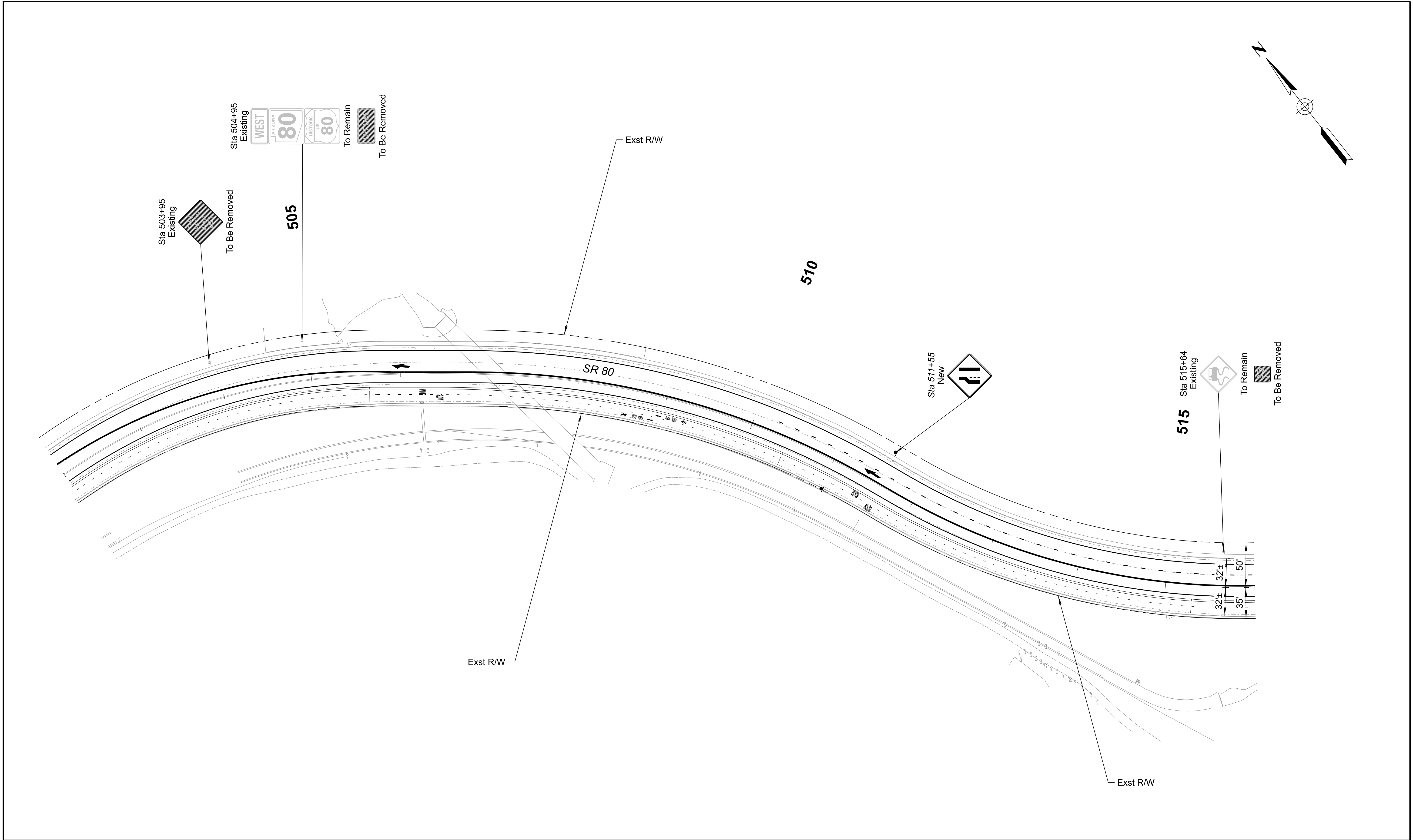
POST TYPES:

S: Single perforate
T: Telescoping perforated

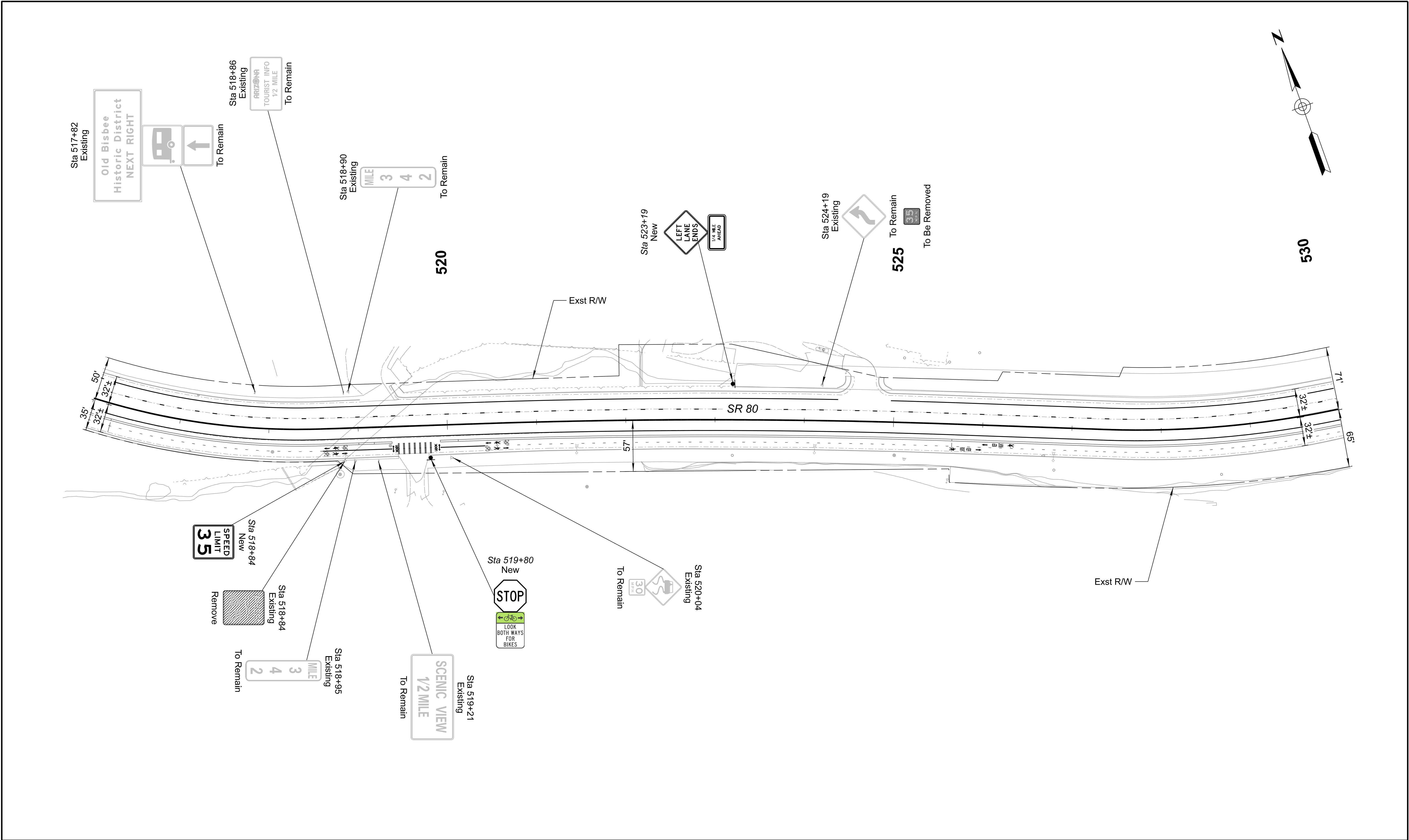
 <i>Timothy Rhine</i>	DESIGN	CJS	NAME	DATE	CITY OF BISBEE	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DRAWN	TJB		12/25		SIGN SUMMARY SHEETS	MILEPOST	ARIZ.	080 CH BIS	BIS-0(204)T	55	66	
	CHECKED	TJR		12/25			342						
	 © 2025 KIMLEY-HORN AND ASSOCIATES, INC.					STRUCTURE NO.	LOCATION OLD BISBEE - ERIE STREET						DWG NO. T-05.03
						TRACS NO. T0413 01C						___ OF ___	



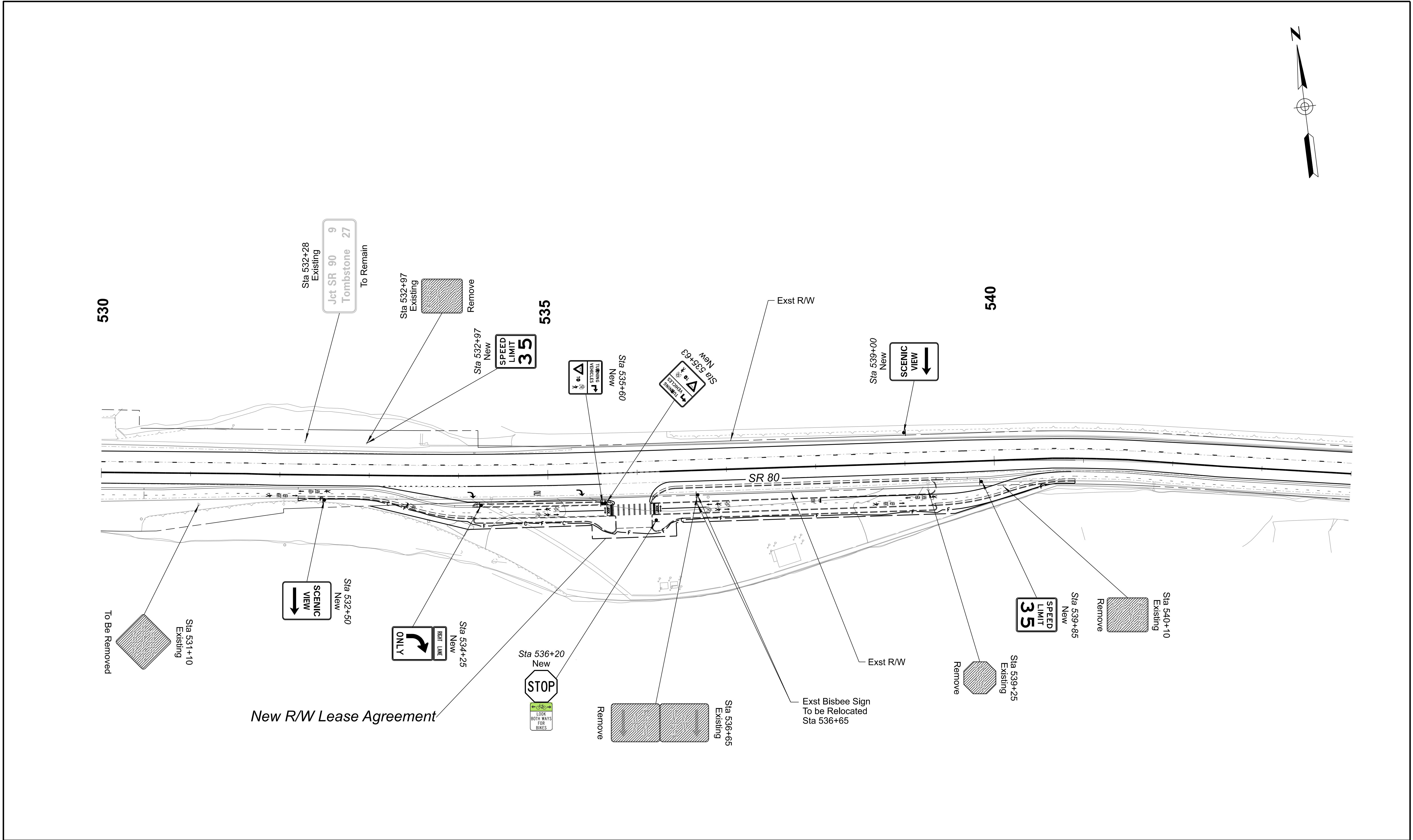
		NAME	DATE	CITY OF BISBEE	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	CJS	12/25		SR 80	SR 80	ARIZ.	080 CH BIS	BIS-0(204)T	56	66	
	DRAWN	TJB	12/25									
	CHECKED	TJR	12/25									
		Kimley»Horn			SR 80 SIGNING SHEET STA 488+00 TO 502+00	MILEPOST	LOCATION OLD BISBEE - ERIE STREET					
	© 2025 KIMLEY-HORN AND ASSOCIATES, INC.				342	DWG NO. T-05.01						
					STRUCTURE NO.	TRACS NO. T0413 01C		OF				



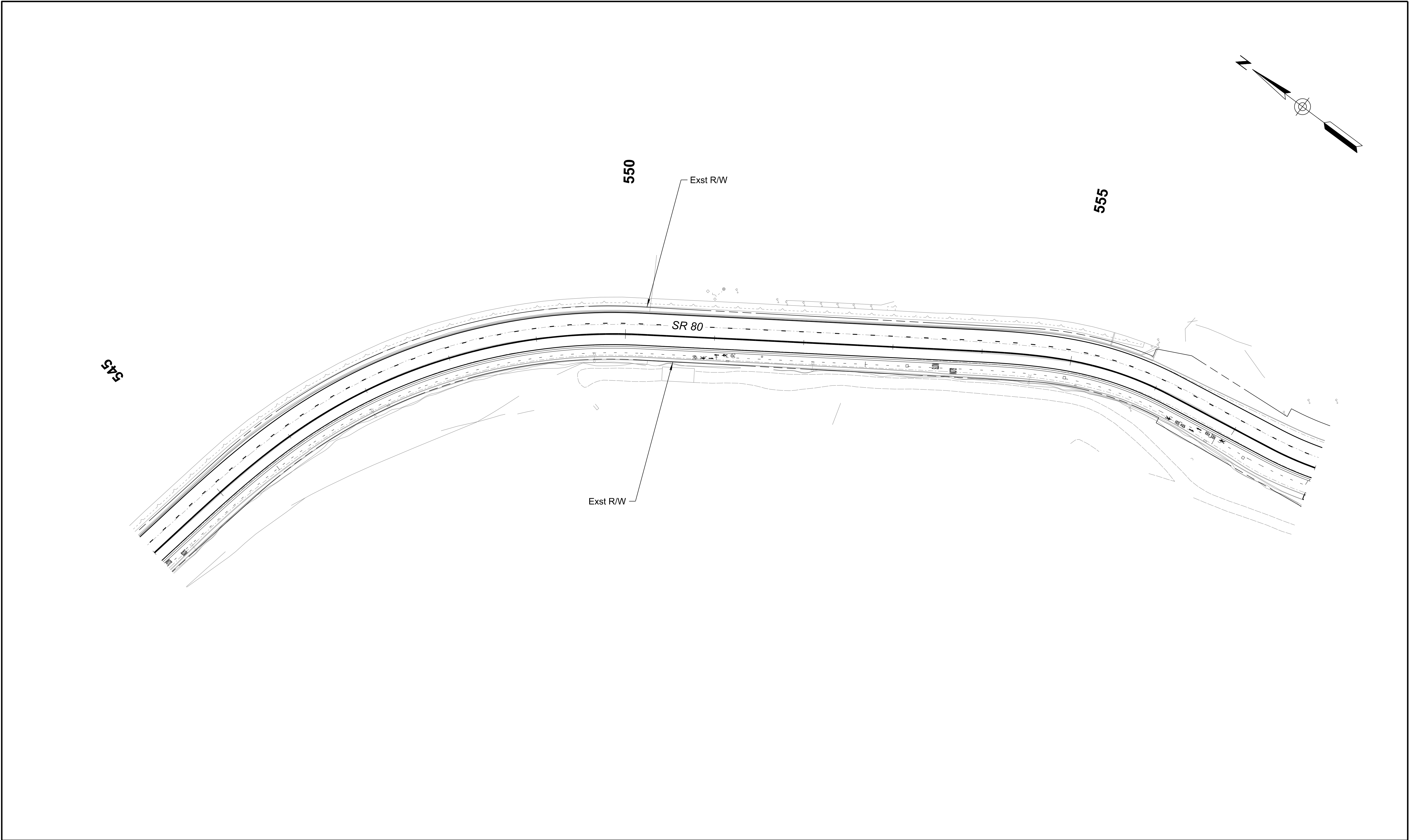
Registered Professional Engineer CERTIFICATE NO. 60430 TIMOTHY J. RHINE Date Signed 09/12/2025 ARIZONA, U.S.A. <i>Timothy Rhine</i> DESIGN CJS 12/25 DRAWN TJB 12/25 CHECKED TJR 12/25	NAME DATE		CITY OF BISBEE	ROUTE	F.H.W.A. Arizona Division	ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING		
				SR 80			080 CH BIS	BIS-0(204)T	57	66			
				MILEPOST									
				342									
			STRUCTURE NO.										
	Kimley»Horn © 2025 KIMLEY-HORN AND ASSOCIATES, INC.		SR 80 SIGNING SHEET STA 502+00 TO 516+00		LOCATION OLD BISBEE - ERIE STREET							DWG NO. T-05.02	
					TRACS NO. T0413 01C		OF						



	DESIGN	CJS	12/25	CITY OF BISBEE	ROUTE	SR 80	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DRAWN	TJB	12/25		MILEPOST	342			080 CH BIS	BIS-0(204)T	58	66	
	CHECKED	TJR	12/25		SR 80 SIGNING SHEET STA 516+00 TO 530+00	STRUCTURE NO.		LOCATION OLD BISBEE - ERIE STREET				DWG NO. T-05.03	
	Kimley»Horn © 2005 KIMLEY-HORN AND ASSOCIATES, INC.					TRACS NO. T0413 01C				___ OF ___			



		NAME	DATE	CITY OF BISBEE	ROUTE	SR 80	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	CJS	12/25			080 CH BIS				BIS-0(204)T	59	66		
	DRAWN	TJB	12/25											
	CHECKED	TJR	12/25											
	Kimley»Horn				SR 80 SIGNING SHEET STA 530+00 TO 544+00									
© 2025 KIMLEY-HORN AND ASSOCIATES, INC.								LOCATION OLD BISBEE - ERIE STREET				DWG NO. T-05.04		
								TRACS NO. T0413 01C				___ OF ___		



	DESIGN	CJS	12/25	CITY OF BISBEE	ROUTE	SR 80	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	080 CH BIS	FEDERAL ID NO.	BIS-0(204)T	SHEET NO.	60	TOTAL SHEETS	66	RECORD DRAWING
	DRAWN	TJB	12/25		MILEPOST	342		LOCATION	OLD BISBEE - ERIE STREET						DWG NO.	T-05.05		
	CHECKED	TJR	12/25		STRUCTURE NO.			TRACS NO.	T0413 01C						____ OF ____			
	Kimley»Horn © 2005 KIMLEY-HORN AND ASSOCIATES, INC.				SR 80 SIGNING SHEET STA 544+00 TO 558+00													

LIGHTING GENERAL NOTES:

1.

ALL WORK SHALL CONFORM TO THE ARIZONA DEPARTMENT OF TRANSPORTATION (ADOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION 2021, ADOT ITD TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS, AND THE SPECIAL PROVISIONS INCLUDING SUBSEQUENT ADDENDA PRIOR TO BID DATE.
2.

THE LOCATION OF UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE, PER SECTION 730-6 OF THE SPECIFICATIONS FOR CONTACTING ALL UTILITIES (INCLUDING BLUE STAKE CENTER) FOR THE EXACT LOCATIONS PRIOR TO ANY CONSTRUCTION ACTIVITY. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PROPER CLEARANCES AS REQUIRED BY THE UTILITY COMPANY AND ADHERING TO THE REQUIREMENTS STIPULATED IN PERMITS. THE CONTRACTOR SHALL COORDINATE ALL CONDUIT, PULL BOX, AND FOUNDATION INSTALLATIONS WITH OTHER CONTRACTORS WORKING WITHIN THE PROJECT LIMITS.
3.

THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION WORK REQUIREMENTS OF THE LIGHTING PLANS WITH THE CONSTRUCTION WORK REQUIREMENTS OF THE TOTAL PROJECT PLAN SET(S). THE CONTRACTOR'S WORK SHALL BE INSTALLED IN A TIMELY AND COORDINATED BASIS WITH THE OTHER CONTRACTORS WORKING WITHIN THE PROJECT LIMITS.
4.

THE PLANS SHOW THE GENERAL PATH AND LOCATION OF THE CONDUIT IN RELATION TO MAJOR PHYSICAL FEATURES. THE LOCATIONS OF OTHER UTILITIES AND OTHER OBJECTS ALONG THE CONDUIT PATH MAY NOT BE SHOWN IN THE PLANS BUT SHALL BE IDENTIFIED BY THE CONTRACTOR AS THE CONDUIT ROUTE IS MARKED JUST PRIOR TO INSTALLATION. THE INFORMATION ON THE DRAWINGS CONCERNING THE TYPE AND LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES IS APPROXIMATE AND HAS NOT BEEN INDEPENDENTLY VERIFIED BY THE ENGINEER OR THE ENGINEER'S AGENT. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT RESULT FROM THE CONTRACTOR'S FAILURE TO LOCATE AND PRESERVE ANY AND ALL UNDERGROUND AND OVERHEAD UTILITIES. REPAIRING UTILITY FACILITIES DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND AT NO ADDITIONAL COST TO THE DEPARTMENT.
5.

THE CONTRACTOR SHALL STAKE ALL POLE FOUNDATION, PULL BOX, AND CONDUIT LOCATIONS AND OBTAIN APPROVAL FROM THE ENGINEER PRIOR TO ANY EXCAVATION OR TRENCHING ACTIVITIES.
6.

THE CONTRACTOR SHALL SUBMIT A REQUEST IN WRITING TO THE ENGINEER WHEN FIELD ADJUSTMENTS ARE NECESSARY TO AVOID CONFLICT WITH UTILITIES OR CONSTRUCTION.
7.

TOP OF PULL BOXES SHALL BE FLUSH WITH SURROUNDING FINAL GRADE ELEVATION(S).
8.

ONCE INSTALLED, ALL LUMINAIRES SHALL BE ENERGIZED FOR 48 HOURS BEFORE FINAL ACCEPTANCE IN ACCORDANCE WITH SUBSECTION 732-3.02 OF THE SPECIFICATIONS.
9.

THE CONTRACTOR SHALL PLACE WARNING TAPE IN ALL TRENCHES IN WHICH NEW CONDUIT IS PLACED PER SUBSECTIONS 732-2.02 AND 732-3.01 IN THE SPECIFICATIONS. THE COST OF THE WARNING TAPE AND INSTALLATION SHALL BE INCLUDED IN THE COST OF THE CONDUIT AND NOT PAID FOR SEPARATELY.
10.

MATERIAL AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT STANDARDS AND RECOMMENDATIONS OF THE NATIONAL ELECTRICAL CODE, THE NATIONAL ELECTRICAL SAFETY CODE, AND WITH LOCAL CODES WHICH APPLY. WHERE DISCREPANCIES ARISE BETWEEN CODES, THE MOST RESTRICTIVE REGULATION SHALL APPLY.
11.

ALL ROADWAY LUMINAIRES SHALL BE INSTALLED WITH LUMINAIRES ORIENTED PERPENDICULAR TO THE ROADWAY CENTERLINE REFERENCED ON THE POLE SCHEDULE, EXCEPT FOR HIGH MAST LIGHTING. LUMINAIRES SHALL BE INSTALLED LEVEL; AND BE FREE OF DUST, DIRT, AND DEBRIS.
12.

THE CONTRACTOR SHALL WARRANTY ALL WORK IN COMPLIANCE WITH SUBSECTION 106.13 OF THE SPECIFICATIONS FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEER, AGAINST DEFECTS IN WORKMANSHIP, FAILURE, MALFUNCTION OF MATERIALS AND/OR EQUIPMENT. THIS WARRANTY SHALL BE IN WRITING AT THE TIME OF ISSUING FINAL ACCEPTANCE. MATERIALS AND WORKMANSHIP FOUND TO BE DEFECTIVE WITHIN THIS WARRANTY PERIOD SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
13.

THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY FOR COORDINATION OF TRENCH AND THE INSTALLATION OF CONDUIT. EACH CONDUIT SHALL TERMINATE IN EACH PULL BOX AND/OR POLE FOUNDATION.
14.

ADOT NO. 4B AND NO. 6B PULL BOXES SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR AT LOCATIONS AS INDICATED IN THE ROADWAY LIGHTING PLANS. MODIFY ADOT T.S. 1-11 COVER LETTERING FROM "ADOT ELECTRICAL HIGH VOLTAGE" TO "ELECTRICAL".
15.

THE CONTRACTOR SHALL RESTORE ALL PROPERTY, LANDSCAPING, PAVING, AND DRIVEWAYS THAT ARE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION IN CONFORMANCE WITH SUBSECTION 107.11 OF THE SPECIFICATIONS.
16.

PRIOR TO ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHALL VERIFY DIMENSIONS AT THE SITE AND IMMEDIATELY REPORT ANY DISCREPANCIES TO THE ENGINEER. THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK UNTIL THE ENGINEER RENDERS A DECISION. NO EXTRA CHANGES OR COMPENSATION WILL BE ALLOWED FOR THE DIFFERENCES IN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.
17.

THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LICENSING REQUIREMENTS SET FORTH BY THE STATE REGISTRAR OF CONTRACTOR'S OFFICE TO PERFORM WORK RELATING TO STREET LIGHT INSTALLATION IN THE PROJECT RIGHT-OF-WAY.
18.

ALL CONDUIT WHICH WILL NOT HAVE CIRCUIT WIRE OR CABLE PULLED INTO IT DURING CONSTRUCTION SHALL HAVE DETECTABLE MULE TAPE PULL WIRE INSTALLED IN IT AND THE ENDS SEALED IN A UTILITY COMPANY APPROVED MANNER TO KEEP ALL MOISTURE AND FOREIGN MATTER OUT OF THE CONDUIT.
19.

ALL LUMINAIRES SHALL BE MARKED WITH THEIR LAMP WATTAGE ("25L" FOR 250W LED EQUIVALENT) AND BE YELLOW IN COLOR FOR LED LAMPS. THESE MARKINGS SHALL BE CLEARLY VISIBLE FROM THE GROUND.
20.

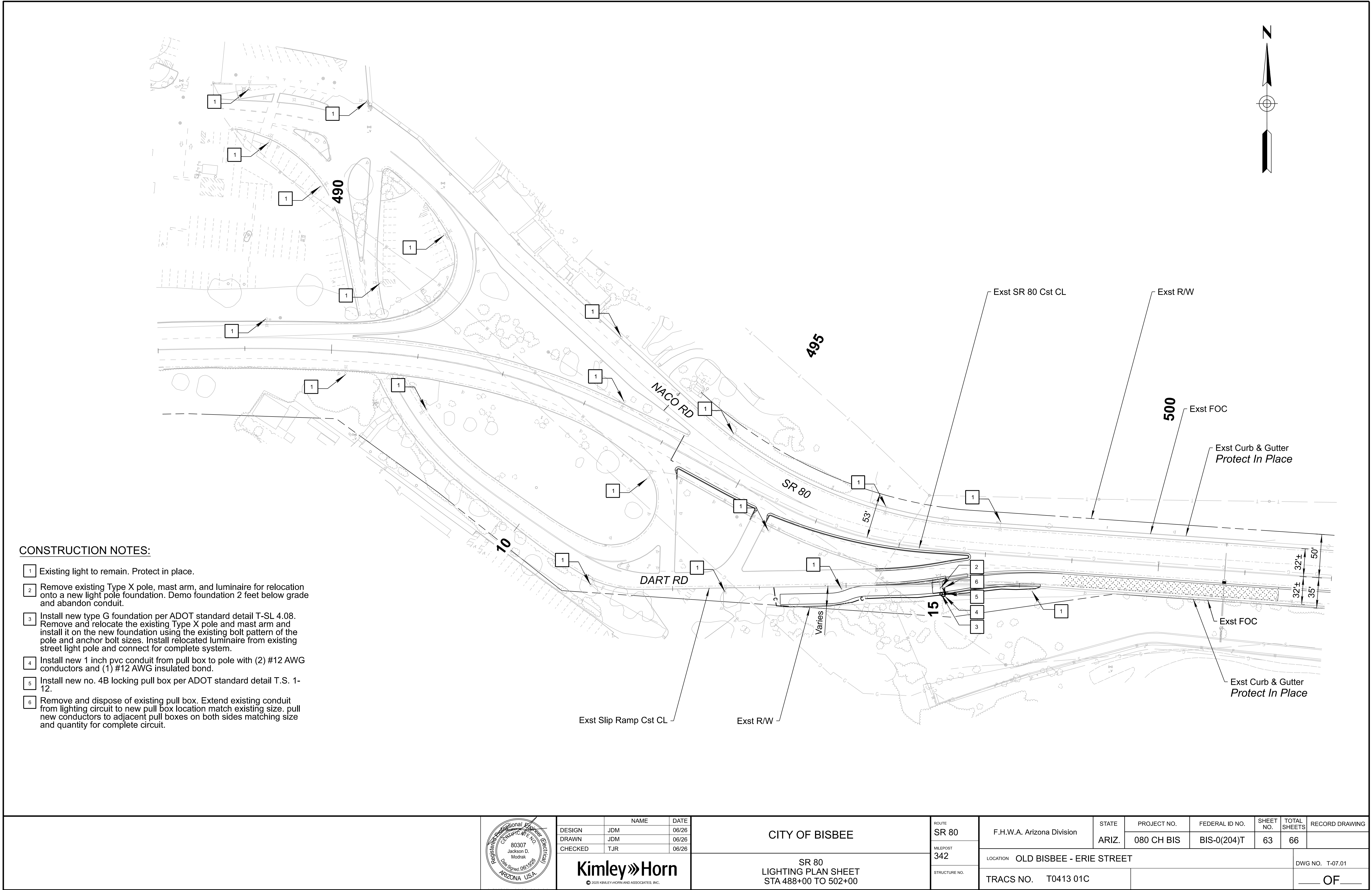
RECORD DRAWING REQUIREMENTS SHALL CONSIST OF RECORDING, BY THE CONTRACTOR, ANY CHANGE OR DEVIATION ON A SET OF APPROVED PLANS. PLANS SHALL BE FURNISHED TO THE ENGINEER AT THE COMPLETION OF THE PROJECT. FINAL PAYMENT SHALL NOT BE MADE UNTIL THE AS BUILT PRINTS ARE ACCEPTED BY THE ENGINEER.
21.

THE CONTRACTOR SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH THEY WILL OPERATE.
22.

ALL WORK SHOWN IS NEW AND SHALL BE INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
23.

ALL LIGHTING CONDUIT SHALL BE BURIED A MINIMUM DEPTH OF 36 INCHES BELOW FINISHED GRADE.

	DESIGN	JDM	NAME	JDM	DATE	06/26	CITY OF BISBEE	ROUTE	SR 80	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	080 CH BIS	FEDERAL ID NO.	BIS-0(204)T	SHEET NO.	62	TOTAL SHEETS	66	RECORD DRAWING
	DRAWN	JDM	DATE	06/26	MILEPOST	342		LOCATION	OLD BISBEE - ERIE STREET					DWG NO.	T-06.01						
	CHECKED	TJR	DATE	06/26	STRUCTURE NO.			TRACS NO.	T0413 01C					OF							
	Kimley»Horn © 2005 KIMLEY-HORN AND ASSOCIATES, INC.							SR 80 LIGHTING GENERAL NOTES													

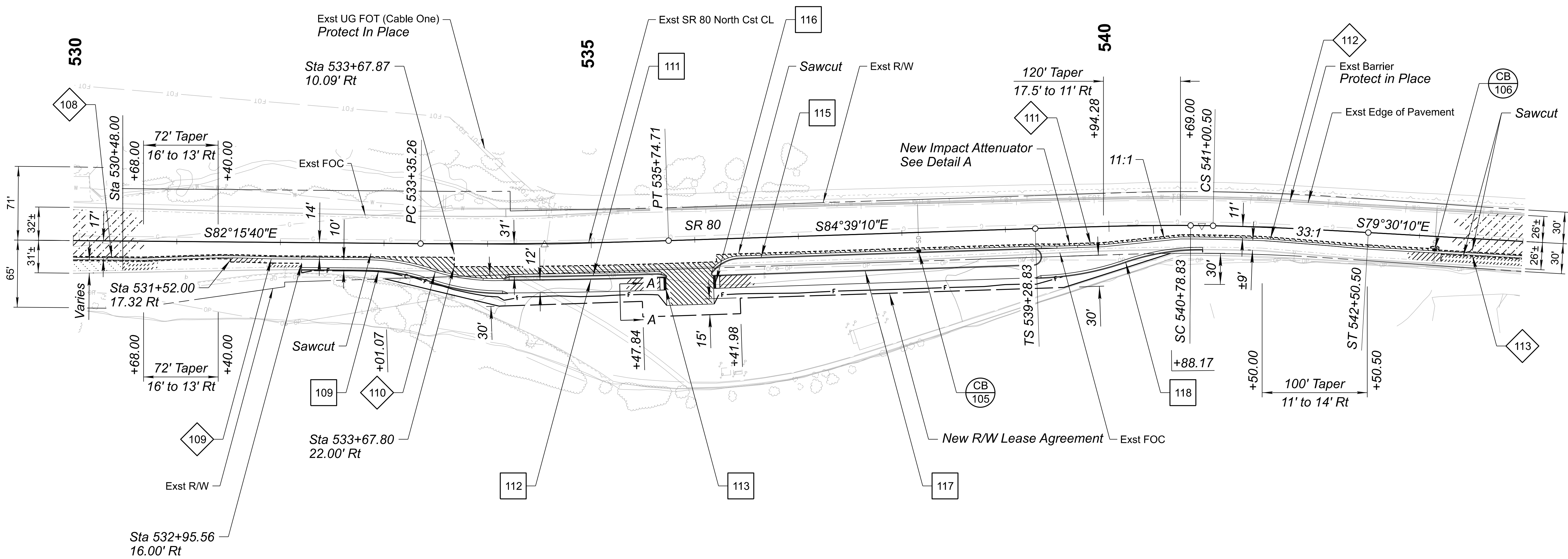
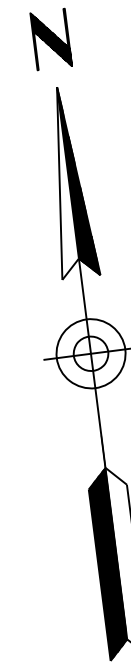


CONSTRUCTION NOTES:

- 1 Existing light to remain. Protect in place.
- 2 Remove existing Type X pole, mast arm, and luminaire for relocation onto a new light pole foundation. Demo foundation 2 feet below grade and abandon conduit.
- 3 Install new type G foundation per ADOT standard detail T-SL 4.08. Remove and relocate the existing Type X pole and mast arm and install it on the new foundation using the existing bolt pattern of the pole and anchor bolt sizes. Install relocated luminaire from existing street light pole and connect for complete system.
- 4 Install new 1 inch pvc conduit from pull box to pole with (2) #12 AWG conductors and (1) #12 AWG insulated bond.
- 5 Install new no. 4B locking pull box per ADOT standard detail T.S. 1-12.
- 6 Remove and dispose of existing pull box. Extend existing conduit from lighting circuit to new pull box location match existing size, pull new conductors to adjacent pull boxes on both sides matching size and quantity for complete circuit.

	DESIGN	JDM	NAME	JDM	DATE	06/26	CITY OF BISBEE	ROUTE	SR 80	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DRAWN	JDM		JDM		06/26		MILEPOST	342			080 CH BIS	BIS-0(204)T	63	66	
	CHECKED	TJR		TJR		06/26		STRUCTURE NO.			LOCATION OLD BISBEE - ERIE STREET					DWG NO. T-07.01
							SR 80 LIGHTING PLAN SHEET STA 488+00 TO 502+00		TRACS NO. T0413 01C					___ OF ___		

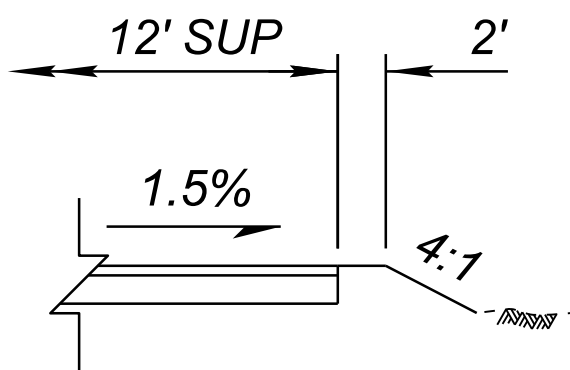
BID DEDUCT 1



NOTES:
1. For additional layout information
Sta 531+50.00 to Sta 542+50.00
see staking sheet C-06.03 & C-06.04.

LEGEND

	Pvmt Structural Section No. 1		Pvmt Structural Section No. 2		Pvmt Structural Section No. 3		Pvmt Structural Section No. 4		Pvmt Structural Section No. 5
--	----------------------------------	--	----------------------------------	--	----------------------------------	--	----------------------------------	--	----------------------------------



SECTION A-A



DESIGN	TJB	DATE	06/26
DRAWN	TJB		06/26
CHECKED	TJR		06/26

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CITY OF BISBEE		ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 64	TOTAL SHEETS 66	RECORD DRAWING
SR 80 BID DEDUCT 1 STA 530+00 TO 544+00		MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET						DWG NO. C-07.01
		STRUCTURE NO.	TRACS NO. T0413 01C						OF

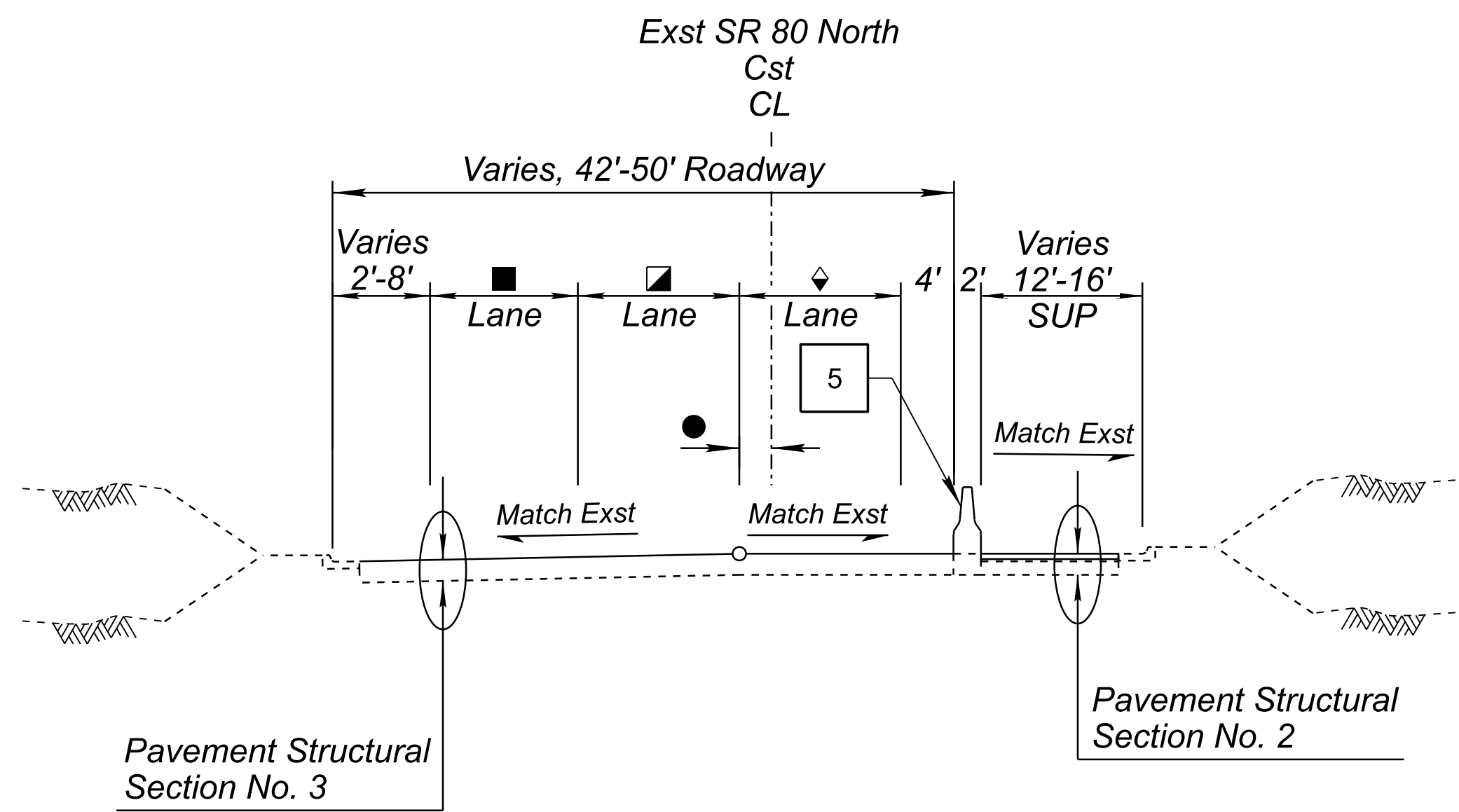
BID DEDUCT 2

This Bid Deduct replaces the following items:

- 1. Contractor shall replace all 42" tall Concrete Barrier (C-10.41) with 32" tall Concrete Barrier (C-10.40)
- 2. Contractor shall replace all 42" tall Concrete Barrier with Variable Height Sides (C-10.44) with 32" tall Concrete Barrier with Variable Height Sides (Modified C-10.44). Contractor to scale reinforcement spacing and upper barrier height to match C-10.40

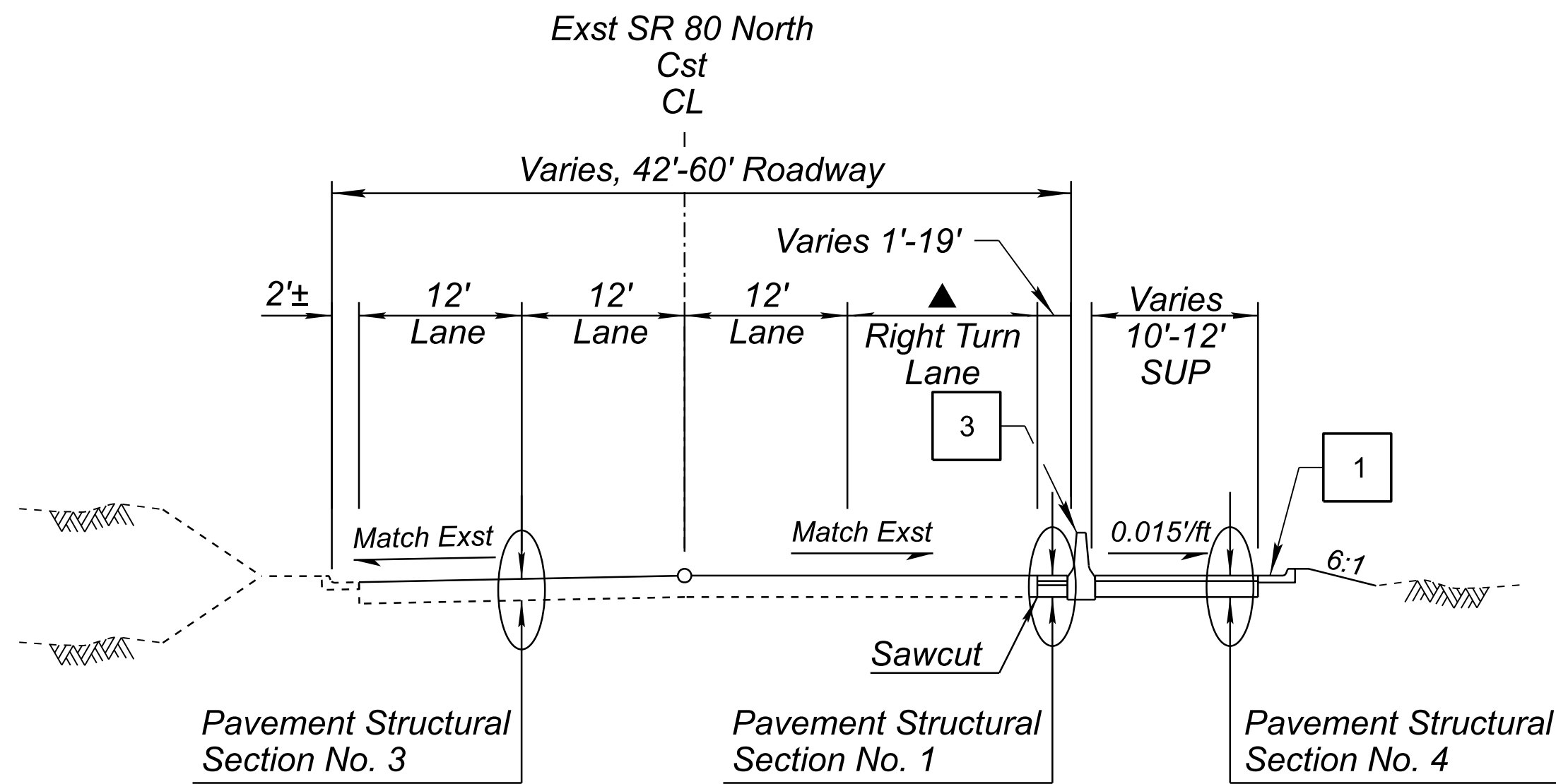
	DESIGN	TJB	06/26	CITY OF BISBEE	ROUTE	SR 80	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	080 CH BIS	FEDERAL ID NO.	BIS-0(204)T	SHEET NO.	65	TOTAL SHEETS	66	RECORD DRAWING
	DRAWN	TJB	06/26		MILEPOST	342				LOCATION	OLD BISBEE - ERIE STREET					DWG NO.	C-07.02	
	CHECKED	TJR	06/26		STRUCTURE NO.	TRACS NO. T0413 01C					____ OF ____							
				BID DEDUCT 2 NOTES														

BID DEDUCT 3



- Sta 501+40.00 to 505+65.00, Varies 12'-23'
- Sta 510+44.00 to 515+30.00, 12'
- Sta 516+25.00 to 519+00.00, 12'
- Sta 525+66.00 to 530+48.00, 12'
- Sta 501+40.00 to 505+65.00, 0'
- Sta 510+44.00 to 515+30.00, 12'
- Sta 516+25.00 to 519+00.00, 12'
- Sta 525+66.00 to 530+48.00, 12'
- ◆ Sta 501+40.00 to 505+65.00, Varies 24'-12.69'
- Sta 510+44.00 to 515+30.00, 12'
- Sta 516+25.00 to 519+00.00, 12'
- Sta 525+66.00 to 530+48.00, 12'
- Sta 501+40.00 to 505+65.00, Varies 15.02'-3.69'
- Sta 510+44.00 to 515+30.00, 2
- Sta 516+25.00 to 519+00.00, Varies 2'-1.33'
- Sta 525+66.00 to 530+48.00, Varies 0'-0.68'

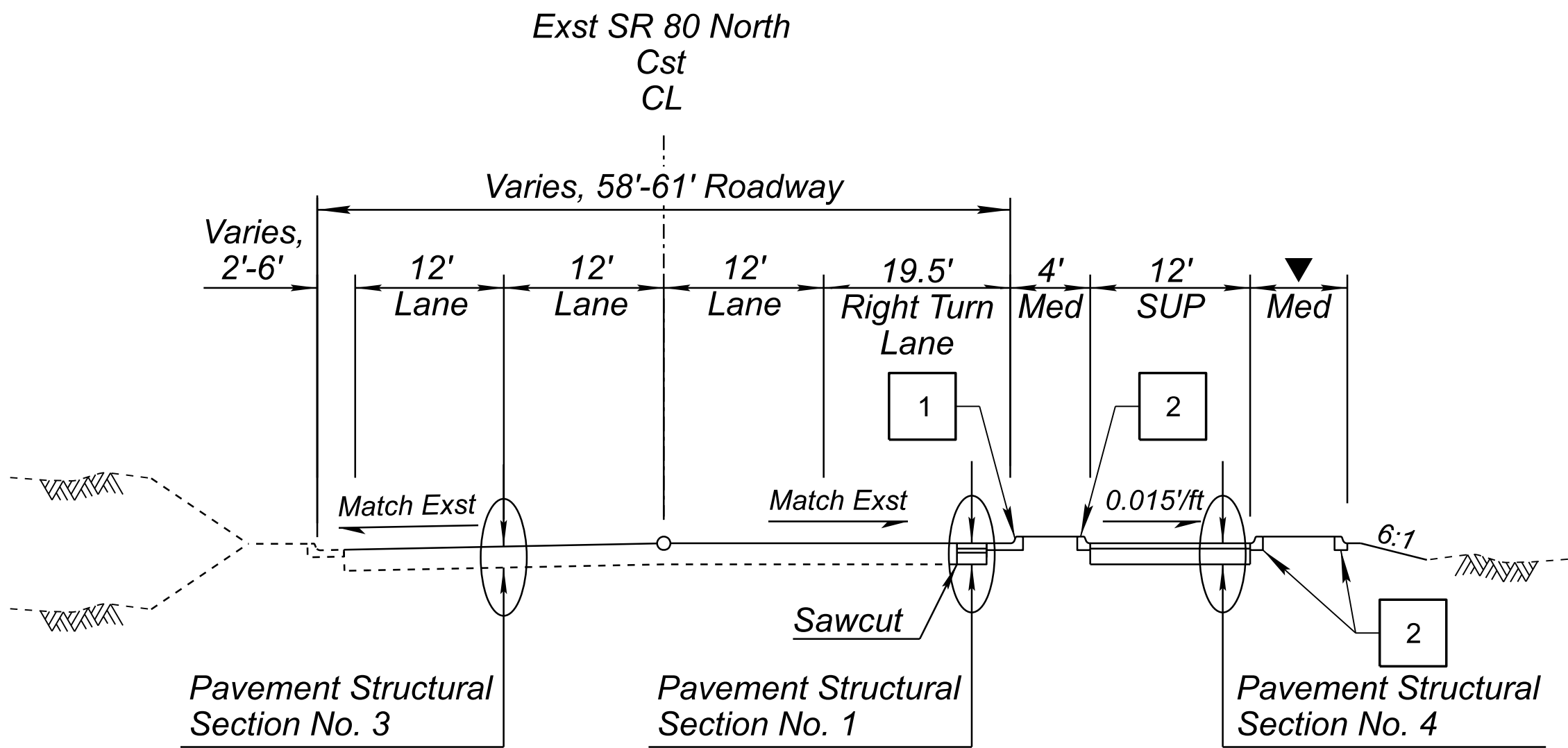
Sta 501+40.00 to 505+65.00
Sta 510+44.00 to 515+30.00
Sta 516+25.00 to 519+00.00
Sta 525+66.00 to 530+48.00



- 1 New Conc Curb & Gutter
Std C-05.10, Type D
- 2 New Conc Curb
Std C-05.10, Type A
- 3 New Concrete Barrier
Std C-10.40
- 4 New Variable Height Conc Barrier
Modified Std C-10.44, 32" Height
- 5 New Pinned Precast Barrier
Signing and Marking Std C-3
Pinned to Modified Std C-10.44

Sta 532+20.60 to 534+15.56

▲ Sta 533+10.00 to 534+10.00, Varies 0' to 17.5'
Sta 534+00.00 to 534+15.56, 17.5'



Sta 534+15.56 to 536+14.73

▼ Sta 534+15.56 to 535+39.69, 6'
Sta 535+39.69 to 535+68.72, Varies 6'-20'
Sta 535+68.72 to 536+14.73, 20'



DESIGN	TJB	NAME	DATE
DRAWN	TJB		06/26
CHECKED	TJR		06/26

Kimley»Horn
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CITY OF BISBEE	ROUTE SR 80	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 080 CH BIS	FEDERAL ID NO. BIS-0(204)T	SHEET NO. 66	TOTAL SHEETS 66	RECORD DRAWING
BID DEDUCT 3 TYPICAL SECTIONS SR 80	MILEPOST 342	LOCATION OLD BISBEE - ERIE STREET						DWG NO. C-07.03
	STRUCTURE NO.	TRACS NO. T0413 01C						OF