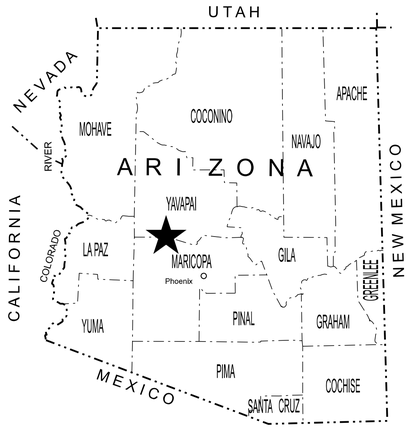
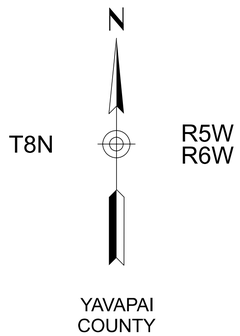


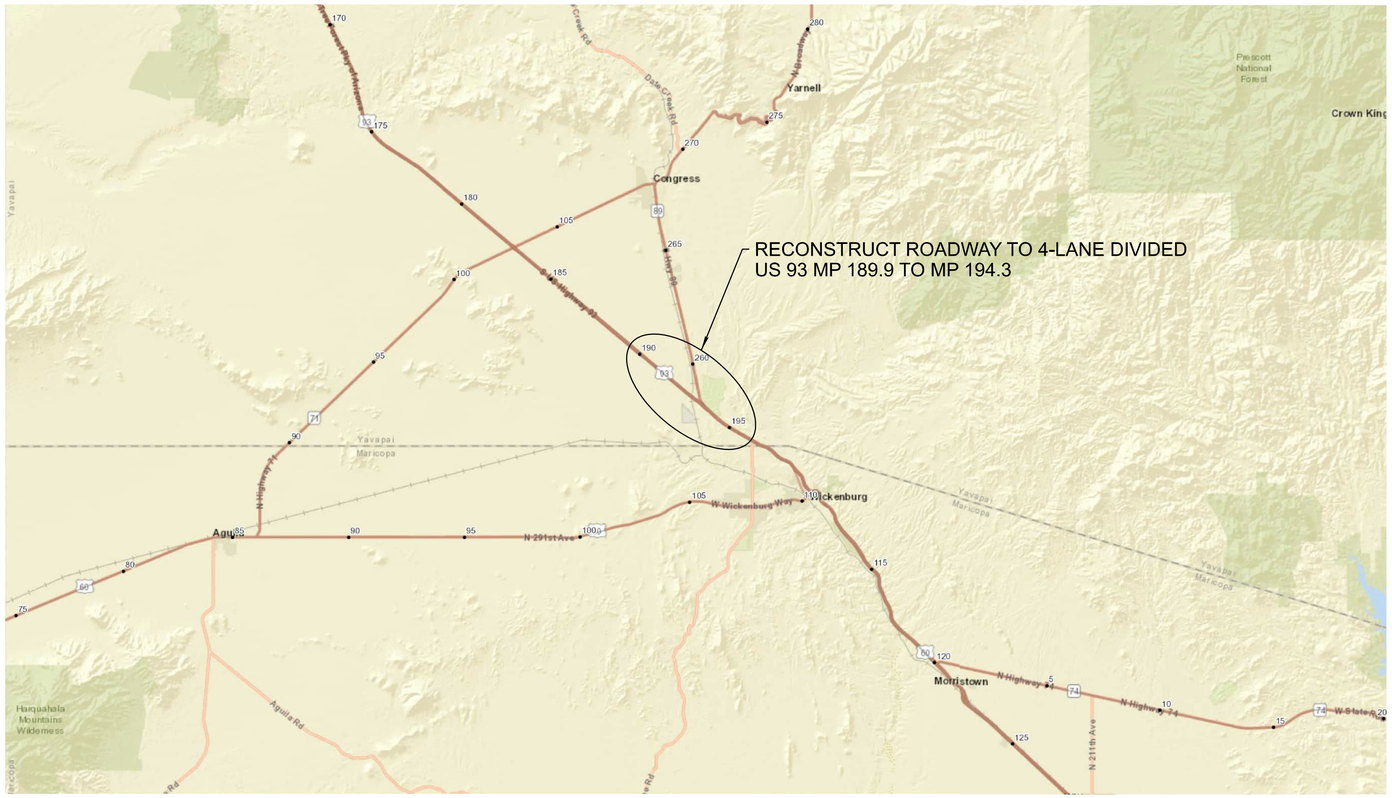


YAVAPAI
COUNTY

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION

PROJECT PLANS

STATE HIGHWAY
KINGMAN-WICKENBURG HIGHWAY
US 93



ARIZONA DEPARTMENT OF TRANSPORTATION

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

WICKENBURG RANCH WAY TO VISTA ROYALE

PROJECT NO. 093 YV 189 F0738 01C
FEDERAL AID NO. 093-B(230)T

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

REC. DWGS. DATA	REC. DWG. DATE	_____ OF _____

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
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

	NAME	DATE
CONSTRUCTION STANDARDS	D WIGGINS	09/30/2025

PROJECT NO. 093 YV 189 F0738 01C — 1A OF 524

RECORD DRAWING DATA — FEDERAL ID NO. 093-B(230)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
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 CROSSOVERS
2/21	M-27 SHT 2	DELINEATION DETAILS FOR MEDIAN CROSSOVERS
6/14	M-29	OFF- MAINLINE REFERENCE MARKER LOCATION DETAIL
6/14	M-30	OFF- MAINLINE REFERENCE MARKER DETAILS
6/14	M-32	BRIDGE AND BARRIER MARKER DETAILS
6/14	M-33	BRIDGE AND BARRIER MARKER PLACEMENT AND INSTALLATION DETAILS
6/14	M-34	GUARDRAIL END TERMINAL DELINEATION DETAILS
6/14	M-35	OBJECT MARKER FOR SAND BARREL CRASH CUSHION

ADOT STANDARD DRAWINGS
REVISION DATES and STANDARD NO.'s REVIEW

	NAME	DATE
SIGNING & MARKING STANDARDS	D WIGGINS	09/30/2025

PROJECT NO. 093 YV 189 F0738 01C — 1B-1 OF 524

RECORD DRAWING DATA | FEDERAL ID NO. 093-B(230)T | REC. DWG. DATE | OF

ADOT STANDARD DRAWINGS

TRAFFIC SIGNING & MARKING STANDARDS
(SHEET 2 OF 2)
EFFECTIVE MAY 2025

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

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

ADOT STANDARD DRAWINGS
REVISION DATES and STANDARD NO.'s REVIEW

	NAME	DATE
SIGNING & MARKING STANDARDS	D WIGGINS	09/30/2025

PROJECT NO. 093 YV 189 F0738 01C — **1B-2** OF 524

RECORD DRAWING DATA — FEDERAL ID NO. 093-B(230)T — REC. DWG. DATE — OF

ADOT STANDARD DRAWINGS

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

REVISION DATE	STANDARD NUMBER	SUBJECT : TRAFFIC SIGNALS AND LIGHTING DETAILS
	T.S. 0	**ABBREVIATIONS, SYMBOLS AND DEFINITIONS**
05/15	0-1	STANDARD ABBREVIATIONS
01/12	0-2 SHT 1	PLAN SYMBOLS
01/12	0-2 SHT 2	PLAN SYMBOLS
01/12	0-2 SHT 3	PLAN SYMBOLS
03/10	0-3 SHT 1	STANDARD DEFINITIONS
03/10	0-3 SHT 2	STANDARD DEFINITIONS
11/22	0-4	REFERENCE DOCUMENTS AND GENERAL REQUIREMENTS
	T.S. 1	**PULL BOXES**
03/15	1-2	HEAVY DUTY NO. 5 AND NO. 7 STRAIGHT BODY WALL PULL BOX DETAILS
09/11	1-3	REPLACEMENT LID SIZING FOR EXISTING NO. 5 AND NO. 7 PULL BOXES
09/11	1-4 SHT 1	TYPICAL PULL BOX INSTALLATION AND WIRING DETAILS
09/11	1-4 SHT 2	TYPICAL PULL BOX INSTALLATION AND WIRING DETAILS
09/11	1-4 SHT 3	TYPICAL PULL BOX INSTALLATION DETAILS
09/11	1-5 SHT 1	ELECTRICAL CONDUIT COVER AND TRENCH REQUIREMENTS
09/11	1-5 SHT 2	CONDUIT EXPANSION COUPLINGS
09/11	1-6	CONDUCTOR REQUIREMENTS
03/10	1-7	TRAFFIC SIGNAL IMSA CABLE COLOR CODES
09/11	1-8 SHT 1	FRONT OF BARRIER JUNCTION BOX
09/11	1-8 SHT 2	BACK OF BARRIER JUNCTION BOX
09/11	1-9	TOP OF BARRIER JUNCTION BOX DETAILS
09/11	1-10	TOP OF BARRIER JUNCTION BOX DETAILS
10/13	1-11 SHT 1	HEAVY DUTY LIGHTING NO. 4 AND NO. 6 PULL BOX
10/13	1-11 SHT 2	HEAVY DUTY LIGHTING NO. 4 AND NO. 6 PULL BOX
03/15	1-11 SHT 3	HEAVY DUTY LIGHTING NO. 4 AND NO. 6 PULL BOX LID
03/15	1-12 SHT 1	PRECAST HEAVY DUTY LIGHTING NO. 4B AND NO. 6B PULL BOX
03/15	1-12 SHT 2	PRECAST HEAVY DUTY LIGHTING NO. 4B AND NO. 6B PULL BOX
	T.S. 2	**FOUNDATIONS**
03/10	2-1	FOUNDATION FOR TYPE II LOAD CENTER CABINET
03/10	2-2	FOUNDATION FOR TYPE IV LOAD CENTER CABINET
03/10	2-3	FOUNDATION FOR TYPE III CONTROL CABINET
03/10	2-4	FOUNDATION FOR TYPE IV AND V CONTROL CABINETS
03/10	2-5	FOUNDATION FOR TYPE 340 CONTROL CABINET
03/10	2-6	METER PEDESTAL CABINET FOUNDATION AND BASE
03/15	2-7	TRAFFIC SIGNAL UPS CABINET FOUNDATION DETAIL
	T.S. 3	**CABINETS**
12/12	3-0	NOTES FOR TYPE II AND IV LOAD CENTER CABINETS
03/10	3-1	TYPE II LOAD CENTER CABINET
03/10	3-2	TYPE IV LOAD CENTER CABINET
03/10	3-3	TYPE II OR IV LOAD CENTER CABINET WIRING DETAILS 240/480 3W W/DISCONNECT
03/10	3-4 SHT 1	PHOTO ELECTRIC CELL MOUNTING DETAILS
03/10	3-4 SHT 2	PHOTO ELECTRIC CELL MOUNTING DETAILS
03/10	3-5 SHT 1	TYPE I AND II METER PEDESTAL CABINET
12/12	3-5 SHT 2	METER PEDESTAL CABINET
03/10	3-6	TYPE III CONTROL CABINET
03/10	3-7	POLE MOUNTED TYPE III CONTROL CABINET
03/10	3-8 SHT 1	POLE MOUNT DETAILS FOR TYPE III CONTROL CABINET
03/10	3-8 SHT 2	POLE MOUNT DETAILS FOR TYPE III CONTROL CABINET
03/10	3-9 SHT 1	TYPE IV AND V CONTROL CABINET NOTES
03/10	3-9 SHT 2	TYPE IV CONTROL CABINET
03/10	3-9 SHT 3	TYPE V CONTROL CABINET
03/10	3-10	CABINET EXTENSION OR ELEVATOR BASE
03/10	3-11	CONTROL CABINET MOUNTED SERVICE ENCLOSURE
03/10	3-12 SHT 1	120/240 OR 240/480 VOLT, SINGLE PHASE UTILITY PULL SECTION AND SERVICE DISCONNECT DETAILS
03/10	3-12 SHT 2	120/240 OR 240/480 VOLT, SINGLE PHASE UTILITY PULL SECTION AND SERVICE DISCONNECT DETAILS
03/10	3-13 SHT 1	TRAFFIC SIGNALS AND LIGHTING MODEL 345 CABINET DETAILS
03/10	3-13 SHT 2	TRAFFIC SIGNALS AND LIGHTING MODEL 345 CABINET DETAILS
03/10	3-13 SHT 3	TRAFFIC SIGNALS AND LIGHTING MODEL 345 CABINET CAGE DETAILS

REVISION DATE	STANDARD NUMBER	SUBJECT : TRAFFIC SIGNALS AND LIGHTING DETAILS
	T-SL. 4	**POLES AND POSTS**
11/22	4.01	TYPE A POLE
11/22	4.02	TYPE S POLE
11/22	4.03	TYPE T POLE
11/22	4.04	TYPE S AND TYPE T STEEL TWIN LUMINAIRE MOUNTING BRACKET AND EXTENSIONS
11/22	4.05	ALUMINUM TYPE S POLE
11/22	4.06	ALUMINUM TYPE T POLE
11/22	4.07	TYPE G POLE
11/22	4.10	ALUMINUM TYPE I POLE
11/22	4.11	GENERAL NOTES FOR TRAFFIC SIGNALS AND LIGHTING POLES WITH MAXIMUM LOADING CASE
04/19	4.12	TYPE J POLES (25-J, 30-J, 35-J, AND 40-J) WITH 25 FT TO 40 FT MAST ARM SPAN LENGTH
04/19	4.13	TYPE Q POLES (25-QL, 30-QL, 35-QL, AND 40-QL) WITH 25 FT TO 40 FT MAST ARM SPAN LENGTH WITH LUMINAIRES
04/19	4.14	TYPE K POLES (45-K, 50-K, AND 55-K) WITH 45 FT TO 55 FT MAST ARM SPAN LENGTH
04/19	4.15	TYPE R POLES (45-RL, 50-RL, AND 55-RL) WITH 45 FT TO 55 FT MAST ARM SPAN LENGTH WITH LUMINAIRES
11/22	4.16	TYPE V POLES (60-V AND 65-V) WITH 60 FT TO 65 FT MAST ARM SPAN LENGTH
11/22	4.17	TYPE W POLES (60-WL AND 65-WL) WITH 60 FT TO 65 FT MAST ARM SPAN LENGTH WITH LUMINAIRES
11/22	4.18	POLE HAND HOLE DETAILS
11/22	4.19	TYPE U POLE (ELLIPTICAL BASE) DETAILS
11/22	4.20	TYPE U POLE (ROUND POLE WITH SQUARE BASE) NOTES
04/19	4.21	TYPE U POLE (ROUND POLE WITH SQUARE BASE) FOUNDATION DETAILS
04/19	4.22	TYPE U POLE (ROUND POLE WITH SQUARE BASE) DEATILS 1
04/19	4.23	TYPE U POLE (ROUND POLE WITH SQUARE BASE) DEATILS 2
04/19	4.24	TYPE U POLE (ROUND POLE WITH SQUARE BASE) PIPE TENON DETAILS
04/19	4.25	TYPE U POLE (ROUND POLE WITH SQUARE BASE) TWIN LUMINAIRE BRACKET DETAILS
04/19	4.26	EQUIPMENT MOUNTING HEIGHT DETAILS
04/19	4.27	PEDESTRIAN PUSH BUTTON POST "TYPE PB POLE"
11/22	4.28	POLE FOUNDATION ANCHOR BOLTS
04/19	4.29	STEEL MAST ARM DETAILS LUMINAIRE AND SIGNAL ARMS TO 20'
04/19	4.30	ALUMINUM TRUSS MAST ARM DETAILS FOR TYPE G, H, AND I POLES
04/19	4.31	SIGNAL MAST ARM TENON DETAIL
04/19	4.32	TYPICAL HIGHWAY LIGHTING OFFSETS IN CUT AND FILL SECTIONS
11/22	4.33	STEEL ADAPTER PLATE FOR 30 FT ALUMINUM TYPE "G" OR TYPE "S" LIGHT POLES
	T.S. 5	**POLE BASES - SPECIAL**
11/24	5-0	TYPE 2 AND 3 CAST ALUMINUM BREAK-AWAY BASES
04/19	5-1	TYPE 2 CAST ALUMINUM BREAK-AWAY BASE
04/19	5-2	TYPE 3 CAST ALUMINUM BREAK-AWAY BASE
05/21	5-3	INSTALLATION DETAILS FOR POLE FOUNDATIONS WITH TYPE 2 AND 3 BREAK-AWAY BASES
	T.S. 6	**HIGHWAY TRAFFIC DATA DETECTORS**
03/10	6-1	TYPE C VEHICLE DETECTOR LOOPS FOR TRAFFIC COUNTERS
03/10	6-2 SHT 1	TYPE SA AND SB SPEED/VEHICLE CLASSIFICATION SYSTEMS
03/10	6-2 SHT 2	TYPE SA SPEED/VEHICLE CLASSIFICATION SYSTEMS
03/10	6-2 SHT 3	TYPE SB SPEED/VEHICLE CLASSIFICATION SYSTEMS
12/12	6-3	PIEZOELECTRIC WEIGHT SENSOR AND LOOP LANE LAYOUT
12/12	6-4 SHT 1	DETECTOR LOOPS AND PIEZOELECTRIC SENSOR DETAILS
12/12	6-4 SHT 2	DETECTOR LOOPS AND PIEZOELECTRIC SENSOR DETAILS
03/15	6-4 SHT 3	DETAIL A PIEZOELECTRIC SENSOR DETAILS
12/12	6-4 SHT 4	DETAIL B DETECTOR LOOP DETAILS
12/12	6-4 SHT 5	DETECTOR LOOPS AND PIEZOELECTRIC SENSOR DETAILS
03/10	6-5	MICROLOOPS FOR SPEED/VEHICLE CLASSIFICATION
03/10	6-6	QUARTZ PIEZOELECTRIC WEIGHT SENSOR AND LOOP LANE LAYOUT
03/10	6-7	TRAFFIC DATA COLLECTION CABINET INSTALLATION DETAILS
03/10	6-8	TYPE MPD CABINET POLE, BASE AND FOUNDATION INSTALLATION DETAILS

ADOT STANDARD DRAWINGS REVISION DATES and STANDARD NO.'s REVIEW		
	NAME	DATE
TRAFFIC SIGNAL & LIGHTING STANDARDS	D WIGGINS	09/30/2025
PROJECT NO. 093 YV 189 F0738 01C	1C-1 OF 524	
RECORD DRAWING DATA	FEDERAL ID NO. 093-B(230)T	REC. DWG. DATE / OF

ADOT STANDARD DRAWINGS

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

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

REVISION DATE	STANDARD NUMBER	SUBJECT : TRAFFIC SIGNALS AND LIGHTING DETAILS
	T.S 15	**SPAN WIRE SIGNALS AND LIGHTING**
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	D WIGGINS	09/30/2025

PROJECT NO.			
093 YV 189 F0738 01C		1C-2 OF 524	
RECORD DRAWING DATA	FEDERAL ID NO. 093-B(230)T	REC. DWG. DATE	OF

ADOT STANDARD DRAWINGS

STRUCTURE DETAIL DRAWINGS
EFFECTIVE NOVEMBER 2024

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

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

ADOT STANDARD DRAWINGS
REVISION DATES and STANDARD NO.'s REVIEW

	NAME	DATE
STRUCTURES STANDARDS	D WIGGINS	09/30/2025

PROJECT NO. 093 YV 189 F0738 01C — 1D OF 524

RECORD DRAWING DATA — FEDERAL ID NO. 093-B(230)T — REC. DWG. DATE — OF

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

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

2. SURFACE WATER POLLUTION PREVENTION – CWA SECTION 402

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

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

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

BIO-3: Burrowing Owls ☑ N/A

BIO-4: Bats ☐ N/A

Refer to Section 104.16 BIO-4 of the specifications for direction.

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

Is Asbestos present? ☑ No ☐ Yes

Is a NESHAP notice required? ☐ No ☒ Yes

If yes, coordination with the ADOT Hazardous Materials Specialist is required and the NESHAP notification shall be submitted at least ten (10) business days prior to initiation of construction activities to: Arizona Department of Environmental Quality Air Quality Division

Is Lead-based paint present? ☐ No ☒ Yes

Is a Lead Based Paint Abatement Plan needed? ☒ No ☐ Yes ☐ Other

Refer to Section 10 of the EPIC Sheet for Lead Based Paint information and contact ADOT Hazardous Materials Specialist.

8. NOISE PROGRAM

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

9. AIR QUALITY PROGRAM

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

10. OTHER ENVIRONMENTAL ISSUES

Project Specific Environmental Commitments: ☐ N/A

- The contractor shall complete a National Standards for Hazardous Air Pollutants (NESHAP) notification for the work associated with concrete box culverts and submit to the Engineer, who shall submit it to the Arizona Department of Transportation environmental planning hazardous material coordinator (602.920.3702 or 602.712.7767) for a five (5) working day review and approval. Upon approval, the contractor shall file the notification with the Arizona Department of Environmental Quality at least ten (10) working days prior to the commencement of work.
- 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.
- The contractor shall not utilize any abrasive tools or methods for the removal of the cattle guards and relocation of painted gates that would disturb the lead-based paint. This includes, but is not limited to, sawing, grinding, sanding, or heating. Woven straps (not linked chains) may be used to lift the cattle guard grate from the frame and relocating the painted gates.
- Prior to the removal of the bridge expansion joint(s) for BNSF Overpass Bridge Northbound (Structure No. 00780), the contractor shall collect the waste (e.g., dirt, paint, debris, etc.) from the bridge expansion joint(s) areas using a HEPA vacuum and sample it for asbestos-containing material (ACM >1%) and lead contamination (lead >HUD/EPA).
- Bats are expected to be present in the project area. The contractor shall not remove, harm, or harass bats present in the project area. Bats found in the project area shall be allowed to depart on their own accord before bat exclusionary methods are installed.
- The contractor shall hire a qualified biologist to complete a preconstruction bat survey and provide results to the Engineer. Based on the survey results, the Engineer will direct installation of exclusionary measures to the expansion joints and other crevices that could potentially be used by bats.
- If no bats are detected, the contractor may install exclusionary measures to the expansion joints and other crevices to preclude use by bats.
- If bats are detected, the qualified biologist shall determine whether bats are using the bridge as a day roost, a night roost, or a maternity roost (pregnant or lactating bats with attached young). Based on the biologist determination, the following may apply:
  - During the breeding period, April 15 to August 31, if bats are roosting on the bridge during the day and a maternity roost is present, no exclusionary measures shall be installed. Any work on or beneath the bridge will require the approval of the Engineer.
  - If bats are detected roosting on the bridge during the day but are not using the bridge as a maternity roost, one-way exclusionary measures may be installed after bats depart for the night.
  - If bats are roosting at night on the bridge but are not using the bridge as a day roost or maternity roost, one-way exclusionary measures can be installed during the day when bats are not present.
- Materials used for bat exclusion may include batting, netting, or other material as approved by the Engineer in consultation with the Arizona Department of Transportation Environmental Planning biologist (928.304.0487).
- The contractor shall inspect all installed exclusionary measures daily. Any exclusionary measures found in disrepair shall be inspected by a qualified biologist to determine whether bats have accessed the area. If no bats are found, the exclusionary measures shall be repaired immediately. If bats are found in previously excluded areas, the contractor shall notify the Engineer immediately.
- The contractor shall employ a qualified biologist to complete pre-construction surveys for Sonoran Desert tortoises within 48 (forty-eight) hours prior to vegetation removal or construction in the areas that will be disturbed. Within 24 (twenty-four) hours of completing each survey, the contractor shall contact the Engineer to provide survey results.
- The contractor shall employ a qualified biologist with necessary scientific collecting permit(s) to conduct a pre-construction survey for the Sonoran Desert tortoise.
- No construction including pre-construction ground disturbing activities shall begin until a qualified biologist has completed a survey for the presence of Sonoran Desert tortoises or potential desert tortoise burrows.
- The contractor shall require all on-site personnel to check under their parked vehicles and equipment before moving or operating them to ensure no Sonoran Desert tortoise is sheltering underneath. If a desert tortoise is found, the tortoise shall be allowed to move out from under the vehicle or equipment on its own or be relocated following current Sonoran desert tortoise handling guidelines before moving the vehicle or equipment.

Arizona Department of Transportation Environmental Planning Standard Template			
Environmental, Permits, Issues, And Commitments (EPIC) Sheet			
Environmental Planner Name	Dena Whitaker	**R.E. Name**	
Environmental Planning Date of Completion	6/10/2026	**R.E. Signature**	
FEDERAL ID NO.	093-B(230)T		
PROJECT NO.	093 YV 189 F0738 01C	With the above signature, the R.E. attests that all EPIC work for this project has been satisfactorily completed.	
REC DWG DATE:		_____ OF _____	**Sheet 1F**

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EROSION CONTROL		
491	E-1.01	Erosion Control Summary (CMIS)
492	E-1.02	Erosion Control Quantity Summary
493-499	E-2.01 - E-2.07	Erosion Detail
500-524	E-3.01 - E-3.25	Erosion Control Plans

Registered Professional Engineer
Certificate No.
26609
DALE WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
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T 602.371.1100
AECOM
www.aecom.com

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

DESIGN SHEET

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	2	524	

MILEPOST 189.9
STRUCTURE NO.
F.H.W.A. Arizona Division
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. G-1.01
TRACS NO. F0738 01C
____ OF ____

MIDPOINT OF PROJECT

Central Zone
State Plane Coordinates

X= 423,878
Y= 1,106,640

DESIGN DATA

US 93 2024 ADT
MP 189.9 -192.1 = 8,326 vpd
MP 192.1-193.6 = 12,307 vpd
MP 193.6-194.3 = 14,264 vpd

US 93 2044 ADT
MP 189.9 -192.1 = 8,572 vpd
MP 192.1-193.6 = 12,670 vpd
MP 193.6-194.3 = 14,685 vpd

SR 89 2040 ADT = 11,703 vpd

US 93 2024 ADT = 2,719 vpd
SR 89 2044 = 3,418 vpd

Mainline	Design Speed
MP 189.9-193.0 SB US 93	= 65 mph
MP 193.0 - 194.3 US 93	= 55 mph
SR 89	= 35 mph
Roundabout	= 25 mph
East Frontage Road	= 30 mph
Crossroads	
Moreton Rd	= 30 mph
Nine Irons Ranch Rd	= 30 mph
Antelope Creek Rd	= 30 mph
Wickenburg Ranch Way	= 35 mph
Matthie Ranch Road	= 35 mph

ABBREVIATIONS

EOP	Edge of Pavements
F/C	Face of curb
NTS	Not to Scale
POB	Point of Beginning
POE	Point of Ending
POVC	Point of Vertical Curvature
UNGD	Underground

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&S-Series) and the pavement marking plans.

For R/W and Survey information not shown, see Right-of-Way project No's. 093 YV 198 F0031, 093 YV 194 F0125, 093 YV 179 H48710R, S089-A-702 and 093 YV 190 F0738/093-B(0)T

Bench markers will be furnished by the State and shall be placed by the Contractor: Std C-21.20 at no additional cost to the Department.

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 AZ811 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 2495'.

New Right of Way and TCE are required for this project.

Changes in location or length of spillway or downdrain installation may be made by the Engineer to improve drainage conditions.

Slope rounding shall be applied per Std C-02 series unless otherwise noted.

The pavement shoulders shall be treated with a rumble strip: see Traffic sheets.

Project plans have been developed utilizing alignment and survey control from Result of Survey Project No. 093 YV 190 F0738 and 093-B(217)Z (093 YV 194 F0125)

LENGTH OF PROJECT

US 93 Med Cst CL
Sta 2103+35.63 to 2160+00.00 =5,664.37'

US 93 Southbound
Sta 178+45.32 to 196+74.95 = 1,829.63'
Sta 196+74.95 to 200+07.75 = 332.80' BNSF Railroad Overpass
Sta 200+07.75 to 354+10.00 = 15,402.25'

Gross & Net Length = 23,229.05' - 4.4 miles
MP 194.3 to MP 189.9

SR 89
Sta 507+62.57 to 514+45.85 (Median CL) = 683.28'
Sta 115+38.52 to 130+87.63 (Cst CL) = 1,549.11'

Gross & Net Length = 2,232.39' - 0.42 miles
MP 258.3 to 258.7

US 93 Northbound
Sta 178+45.12 to 197+82.23 = 1,937.11'
Sta 197+91.51 to 199+31.39 = 139.88' BNSF Railroad Overpass
Sta 199+31.39 to 341+10.07 = 14,178.68'

Gross & Net Length = 21,920.04' - 4.1 miles
MP 194.3 to MP 190.2

REFERENCES

F-035-1(3)	STP-025-1(17)P
F-FG-035-1(4)	U-093-B-505
093-B(215)S	NH-093-B(200)A
STP-035-1(48)P	HSIP-093-B(210)T
STP-035-1(24)P	093-B-NFA

Registered Professional Engineer
26609
DALE WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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

DESIGN SHEET

ROUTE: US 93
MILEPOST: 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	3	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. G-1.02
TRACS NO. F0738 01C
____ OF ____

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	EARTHWORK QUANTITIES (All quantitist shown in cubic yards)																
	Phase 1			Phase 2				Phase 3			Phase 4A		Phase 4B		Phase 5		Totals
	Mainline (US 93/SR 89) Roundabouts	Crossroads	Detours	Mainline	Southbound US 93 Channel	Crossroads	Detours	Mainline Roundabouts	Cross Roads	Detours	Mainline Roundabouts	Detours	Mainline NB US 93	Detours	Mainline NB/SB US 93	Detours	
Roadway Excavation	2,409	92,239	1,770	134,630	0	9,779	592	17,008	65	2	2,730	1,590	300	231	1,081	156	264,582
Shrink (Varies))	-422	-9,224	-310	-28,545	0	-978	-83	-2,975	-7	0	-473	-278	-53	-40	-189	-27	-43,604
Roadway Excavation (Overexcavation)	0	0	0	5,440	0	0	0	0	0	0	0	0	0	0	0	0	5,440
Shrink (Varies))	0	0	0	-544	0	0	0	0	0	0	0	0	0	0	0	0	-544
Structural Excavation	0	0	0	10,099	0	0	0	0	947	0	0	0	0	0	0	0	11,046
Shrink (Varies))	0	0	0	-1,023	0	0	0	0	-95	0	0	0	0	0	0	0	-1,118
Pipe Excavation	0	910	0	2,530	0	0	0	148	0	0	713	0	39	0	0	0	4,340
Shrink (Varies))	0	-91	0	-307	0	0	0	-15	0	0	-110	0	-4	0	0	0	-527
Drainage Excavation	0	22,656	0	4,823	31,191	0	0	492	0	0	238	0	0	0	0	0	59,399
Shrink (Varies))	0	-2,266	0	-534	-3,119	0	0	-86	0	0	-42	0	0	0	0	0	-6,046
Riprap Excavation	0	74	0	26	0	0	0	12	0	0	6	0	0	0	0	0	118
Shrink (Varies))	0	-7	0	-5	0	0	0	-2	0	0	-1	0	0	0	0	0	-15
												0		0			
Total Excavation Available	1,987	104,291	1,460	126,591	28,072	8,801	509	14,581	910	2	3,061	1,312	282	191	892	129	293,071
Haul in (Shrink Applied)				56,608													
			0														
Roadway Embankment	483	44,610	2,392	202,646	0	4,965	1,899	13,801	16	131	789	0	0	0	0	0	271,732
Berm Embankment	0	3,025	0	1,304	0	0	0	0	0	0	0	0	0	0	0	0	4,329
Pipe Trench Backfill	0	0	0	-668	0	0	0	0	0	0	123	0	0	0	0	0	-545
Ground Compaction	0	620	0	1,977	0	515	9	444	7	0	19	0	0	0	0	0	3,591
Total Embankment Required	483	48,255	2,392	205,258	0	5,480	1,908	14,245	23	131	931	0	0	0	0	0	279,107
												0		0		0	
Haul Out (Shrink Applied)			-56,608														
Waste							-7,935			-1,094		-3,442		-473		-1,021	-13,964
Pipe Backfill ③	0	800	0	1,525	0	0	0	0	0	0	0	0	0	0	0	0	2,325
Pipe Bedding ③	0	618	0	1,063	0	0	0	0	0	0	0	0	0	0	0	0	1,681
Structure Backfill ③	0	0	0	5,177	0	0	0	0	401	0	0	0	0	0	0	0	5,578

EARTHWORK FACTORS

Station	Shrink/Swell	Ground Compaction
US 93 Sta 2109+78 to 2125+00	35% Shrink	0.20 Feet
Mathie Ranch Road & Wickenburg Ranch Way	10% Shrink	0.10 Feet
SR 89	17.5% Shrink	0.20 Feet
US 93 Sta 2125+00.00 to 2160+00	17.5% Shrink	0.20 Feet
SB US 93 Sta 178+50.15 to 190+00	17.5% Shrink	0.20 Feet
SB US 93 Sta 190+00 to 354+10	10% Shrink	0.10 Feet

LEGEND:

- *10% Shrink*
- *17.5% Shrink*
- *35% Shrink*

EARTHWORK NOTES

1. *Drainage Excavation Quantity Includes only includes excavation to construct drainage channels.*
2. *The Average AC thickness is assumed to be 8 inches. The cost of AC Removal is not included in Roadway Excavation Item*
3. *These materials are considered to be imported material, and not included in the embankment quantities.*

Registered Professional Engineer — Civil — 26609 — DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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www.aecom.com

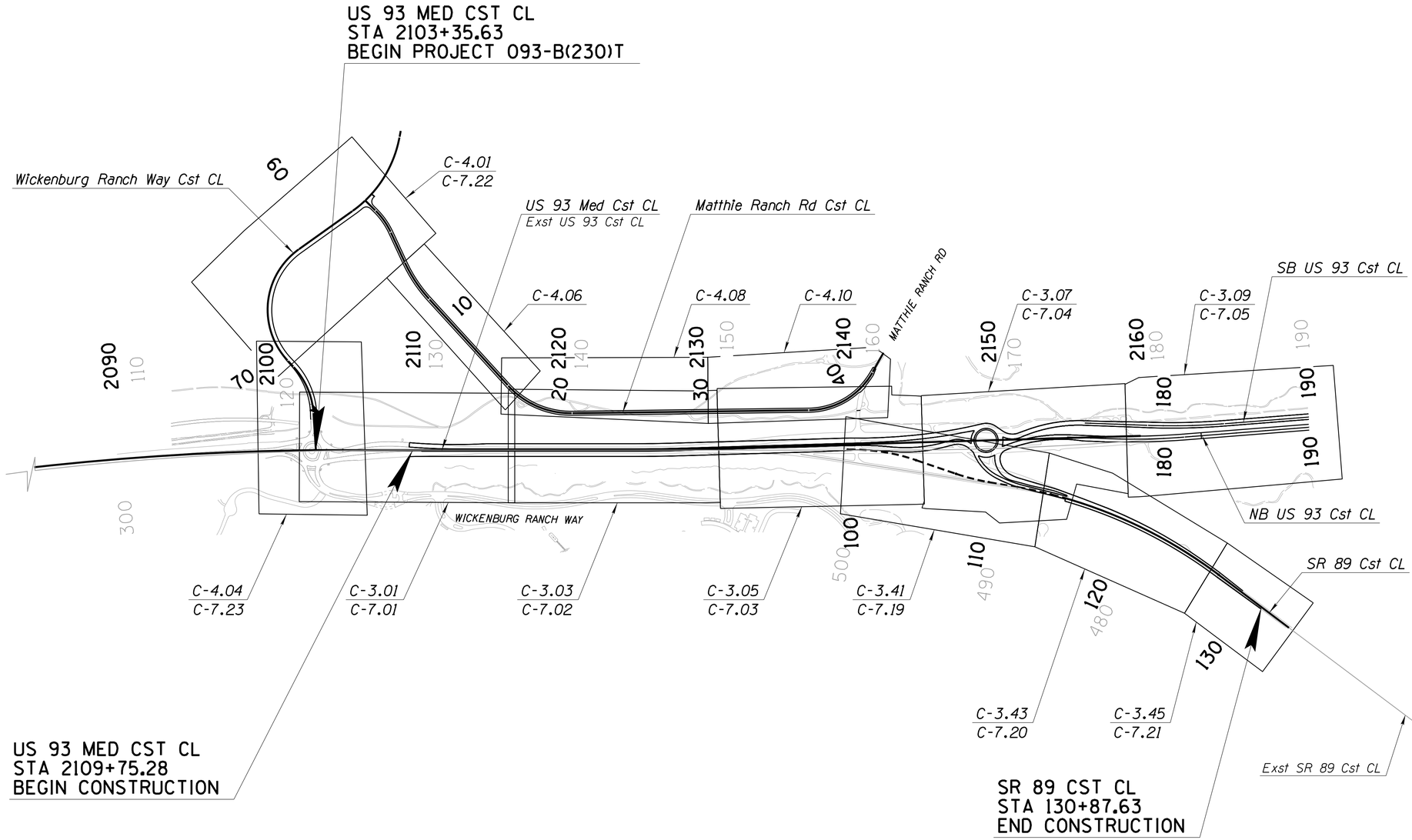
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

EARTHWORK QUANTITIES

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	4	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. G-1.03
	TRACS NO. F0738 01C					____ OF____

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	5	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

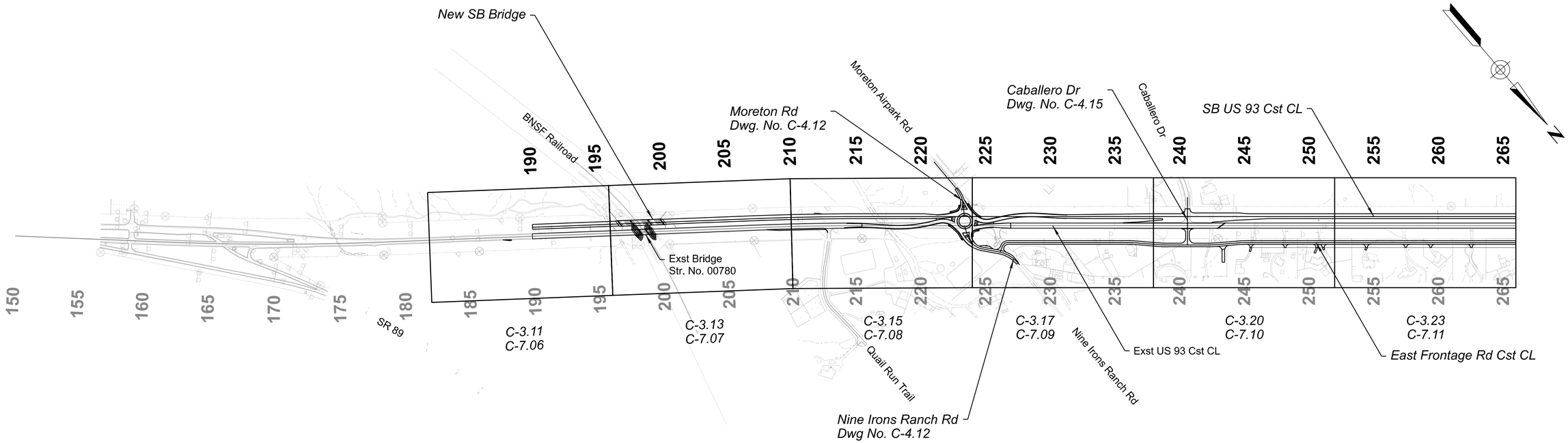
Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

KEY MAP
STA 89+00 TO STA 190+00

Registered Professional Engineer, Civil
46727
DIANA B. KELLY
ARIZONA, U.S.A.
Date Signed 06/26/26

ROUTE	LOCATION	DWG NO. G-2.01
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___



	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

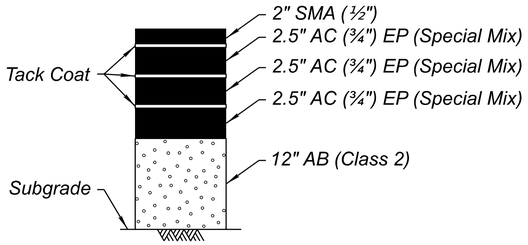
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

KEY MAP
Sta 190+00 to Sta 351+10

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	6	524	
MILEPOST 189.9	F.H.W.A. Arizona Division	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE				DWG No. G-2.02
STRUCTURE NO.		TRACS NO. F0738 01C				____ OF ____

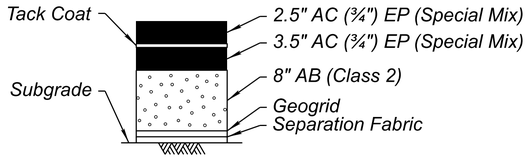
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6/23/2026 @8:04:04 PM jason.heredia
I:\SSW HERE\Dec2025_23193 PM \\pwworking\usaz\dms08894\f0738_km01.dgn \ Model Name: f0738_km01



Total Thickness = 21.5"

SECTION NO. 1

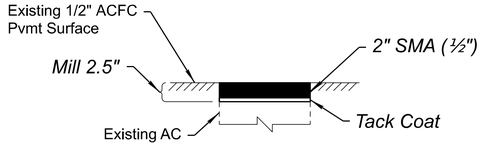
US 93 Travel Lanes
US 93 Shoulders



Total Thickness = 14"

SECTION NO. 2

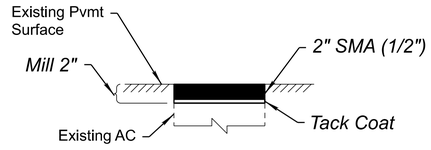
SR 89



Total Thickness = 2"

SECTION NO. 3

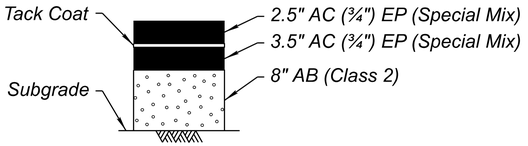
US 93 Exst Pavement Rehab



Total Thickness = 2.5"

SECTION NO. 4

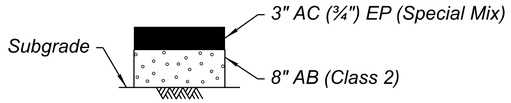
US 93 Exst Shoulder Pavement Rehab



Total Thickness = 14"

SECTION NO. 5

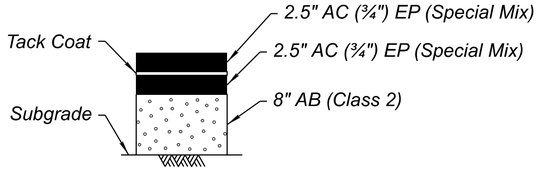
SR 89



Total Thickness = 8"

SECTION NO. 6

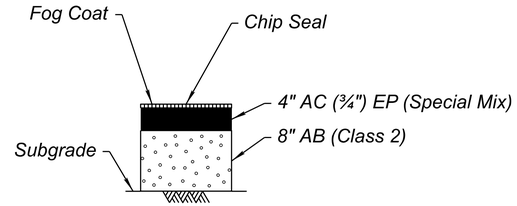
(Outside of ADOT R/W)
Matthie Ranch Rd & Wickenburg Ranch Way



Total Thickness = 13"

SECTION NO. 7

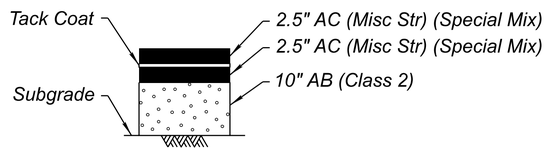
(Inside ADOT R/W)
East Frontage Rd
Moreton Rd
Nine Irons Ranch Rd
Caballero Dr



Total Thickness = 12"

SECTION NO. 8

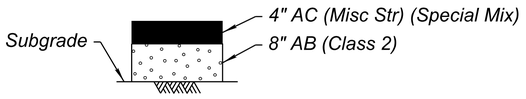
(Outside ADOT R/W)
East Frontage Rd
Moreton Rd
Nine Irons Ranch Rd
Caballero Dr



Total Thickness = 15"

SECTION NO. 9

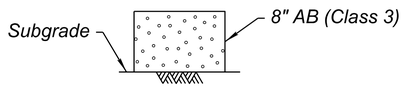
Detours



Total Thickness = 12"

SECTION NO. 10

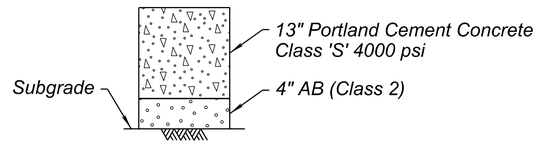
Driveways (Inside R/W)



Total Thickness = 8"

SECTION NO. 11

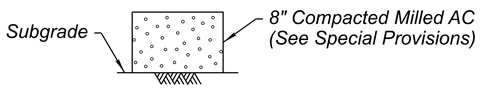
Driveways (Outside R/W)



Total Thickness = 17"

SECTION NO. 12

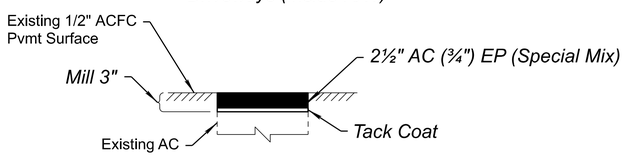
Roundabout Truck Apron



Total Thickness = 8"

SECTION NO. 13

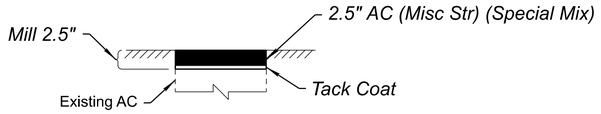
Maintenance & Emergency Vehicles
Median Crossovers



Total Thickness = 2½"

SECTION NO. 14

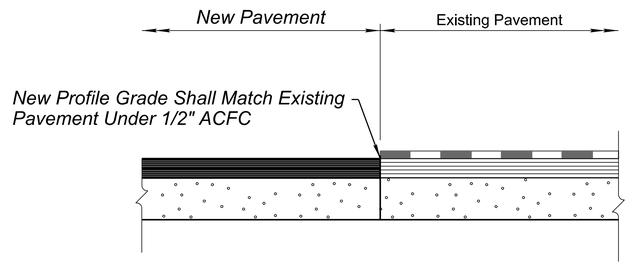
SR 89 Exst Pavement Rehab



Total Thickness = 2½"

SECTION NO. 15

Detour



TREATMENT AT BEGIN/END PROJECT

(SR 89 & US 93)

PAVEMENT STRUCTURAL SECTIONS

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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

DESIGN SHEET

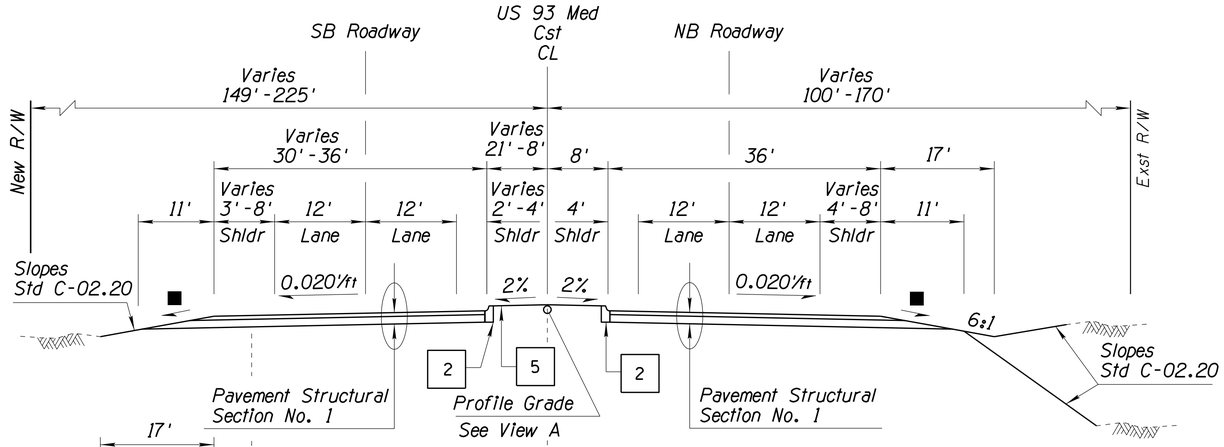
ROUTE: US 93
MILEPOST: 189.9
STRUCTURE NO.:

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	7	524	

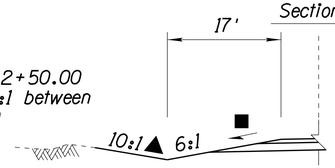
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. G-3.01
TRACS NO. F0738 01C
____ OF ____

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6/23/2026 @5:04:15 PM jason.heredia
PLOTTED: SAVED: 6/23/2026 10:51:10 AM C:\pwworking\usaz\dms08894\f0738_ty05.dgn \ Model Name: f0738_ty05

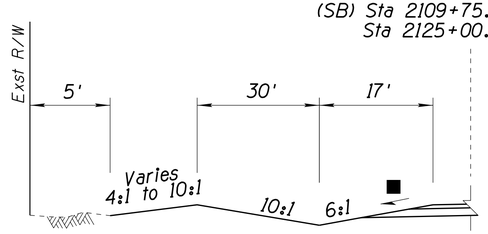
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	8	524	
		093 YV 189			



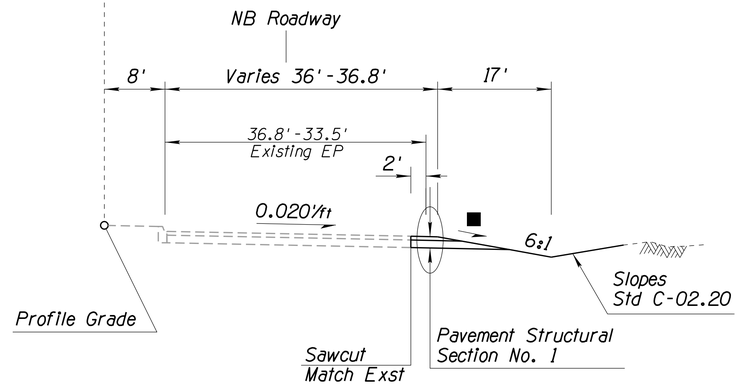
▲ 3:1 Sta 2109+72.28 to Sta 2112+50.00
Transition Slope from 3:1 to 10:1 between
Sta 2112+50.00 to 2113+00.00



(SB) Sta 2109+75.28 to 2116+00.00
Sta 2125+00.00 to 2140+13.07



(SB) Sta 2116+00.00 to 2125+00.00



(NB) Sta 2109+81.40 to 2110+60.00

US 93 TYPICAL SECTION

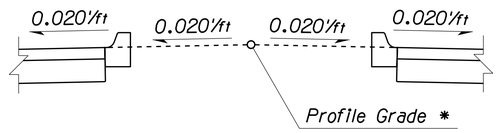
(SB) Sta 2109+75.28 to 2141+06.07 (NB) Sta 2109+81.40 to 2140+37.01

See Staking Plans for Edge of Pavement Location
and Elevation Control Sta 2140+37.01 to 2141+06.07

2 Conc Single Curb, Std C-05.10, Type A1, h=6"

5 Granite Mulch (Item 8030092)

■ Subgrade/Slope Hinge Treatment Detail per Std C-02.20



VIEW A
Cross Slope Projection

* See Staking Plans for Additional Information.

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

TYPICAL SECTIONS

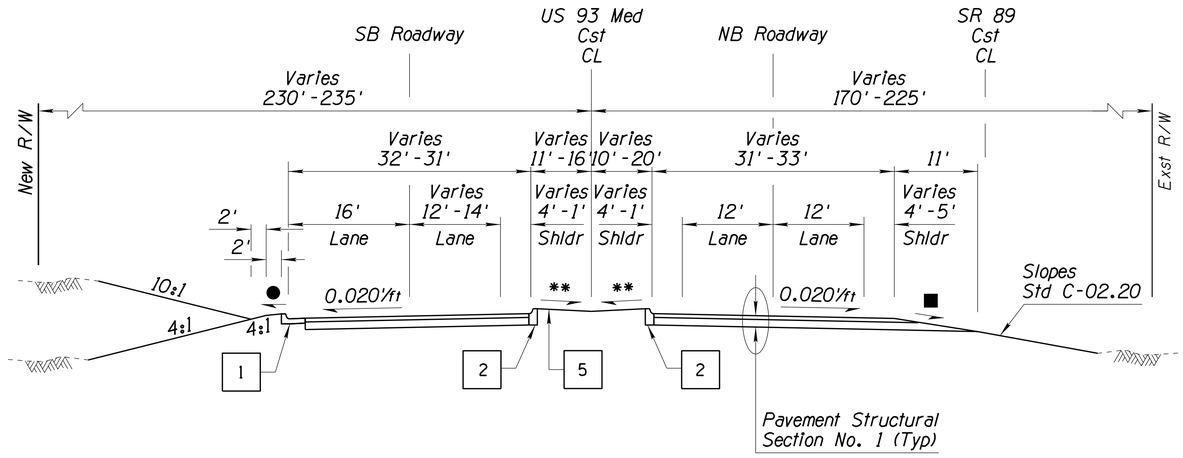
ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. G-3.02

TRACS NO. F0738 01C | 093-B(230)T | ___ OF ___

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 03/27/2026
ARIZONA, U.S.A.

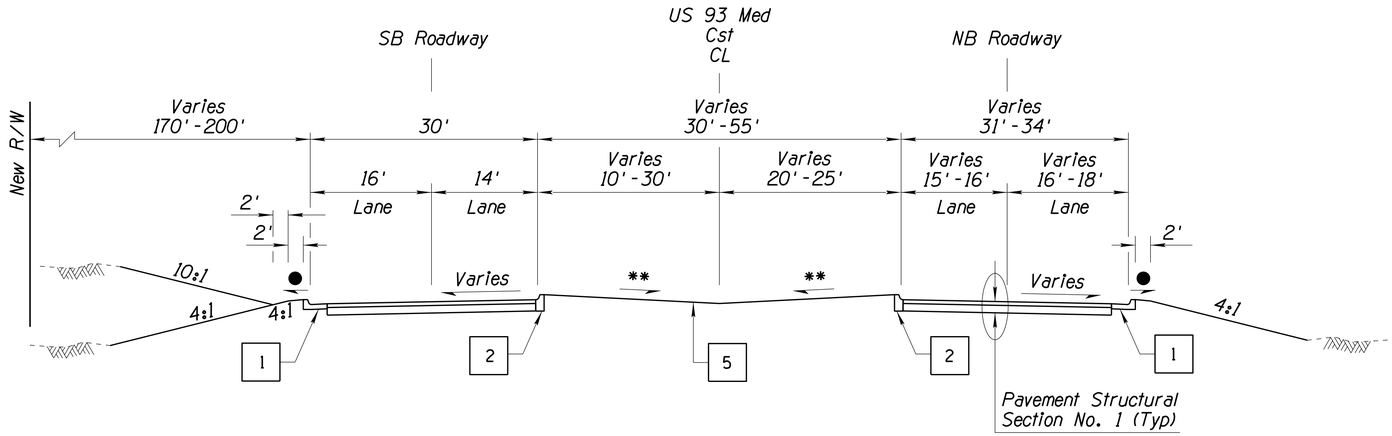
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	9	524	
		093 YV 189			



US 93 TYPICAL SECTION

(SB) Sta 2141+06.07 to 2143+44.82 (NB) Sta 2140+37.01 to 2142+67.32

See Staking Plans for Edge of Pavement Location and Elevation Control



US 93 TYPICAL SECTION

(SB) Sta 2143+44.82 to 2148+32.23 (NB) Sta 2142+67.32 to 2148+32.23

See Staking Plans for Edge of Pavement Location and Elevation Control

1 Conc Curb & Gutter, Std C-05.10, Type D, h=6"

2 Conc Single Curb, Std C-05.10, Type A1, h=6"

5 Granite Mulch (Item 8030092)

■ Subgrade/Slope Hinge Treatment Detail per Std C-02.20

● 10:1

** See Plans for Grading Information.

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

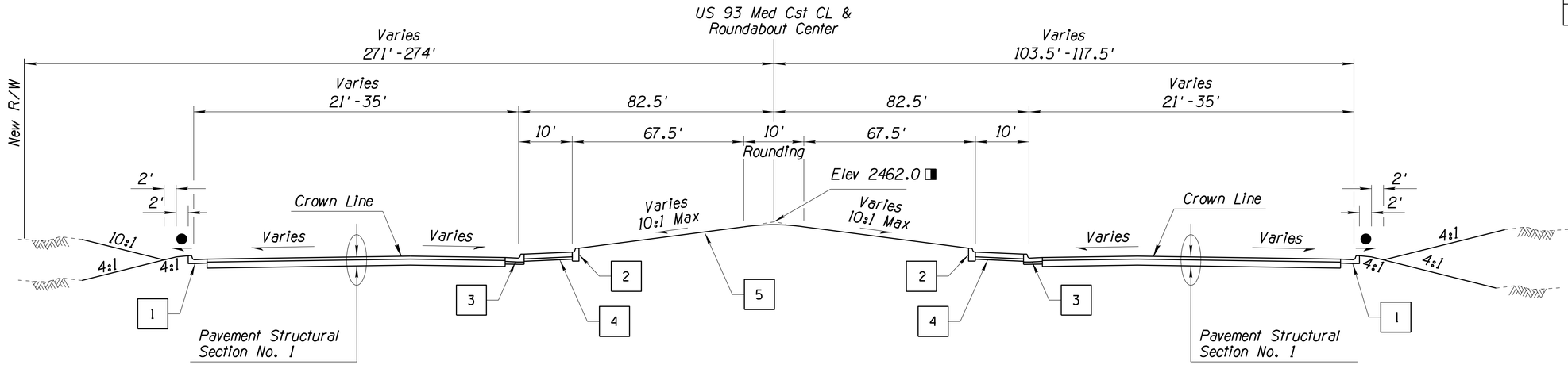
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

TYPICAL SECTIONS

Registered Professional Engineer, State of Arizona
46727
DIANA B. KELLY
Date Signed 6/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. G-3.03
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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		093 YV 189			

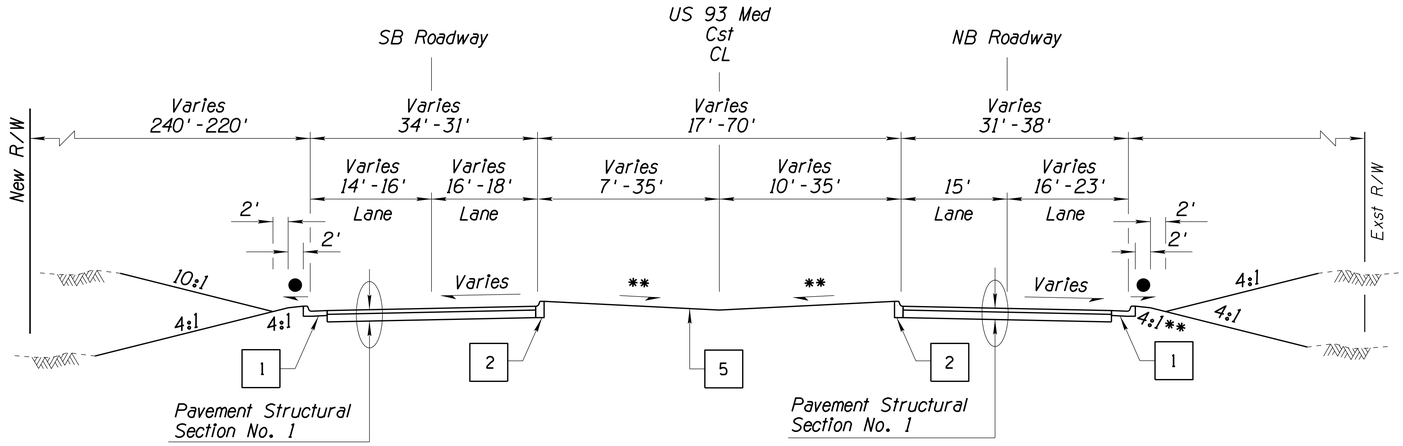


◨ Elevation at Center of Roundabout

US 93 TYPICAL SECTION

Sta 2148+32.23 to 2150+52.23

See Staking Plans for Edge of Pavement Location
and Elevation Control



US 93 TYPICAL SECTION

(SB) Sta 2150+52.23 to 2156+13.43 (NB) Sta 2150+52.23 to 2155+97.66

See Staking Plans for Edge of Pavement Location
and Elevation Control

1. Conc Curb & Gutter, Std C-05.10, Type D, h=6"
2. Conc Single Curb, Std C-05.10, Type A1, h=6"
3. Conc Curb & Gutter, Class S Concrete - 4000 psi Std C-05.10, Type G, h=4"
4. Truck Apron, Detail A
5. Granite Mulch (Item 8030092)

● 10:1

** See Plans for Grading Information.

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

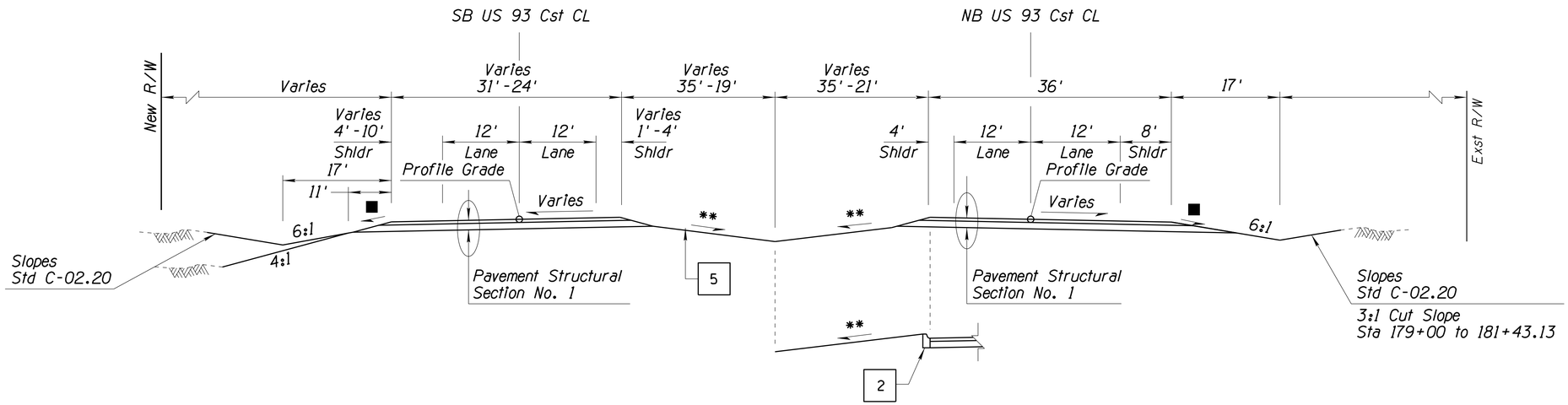
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

TYPICAL SECTIONS

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. G-3.04
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	11	524	
		093 YV 189			

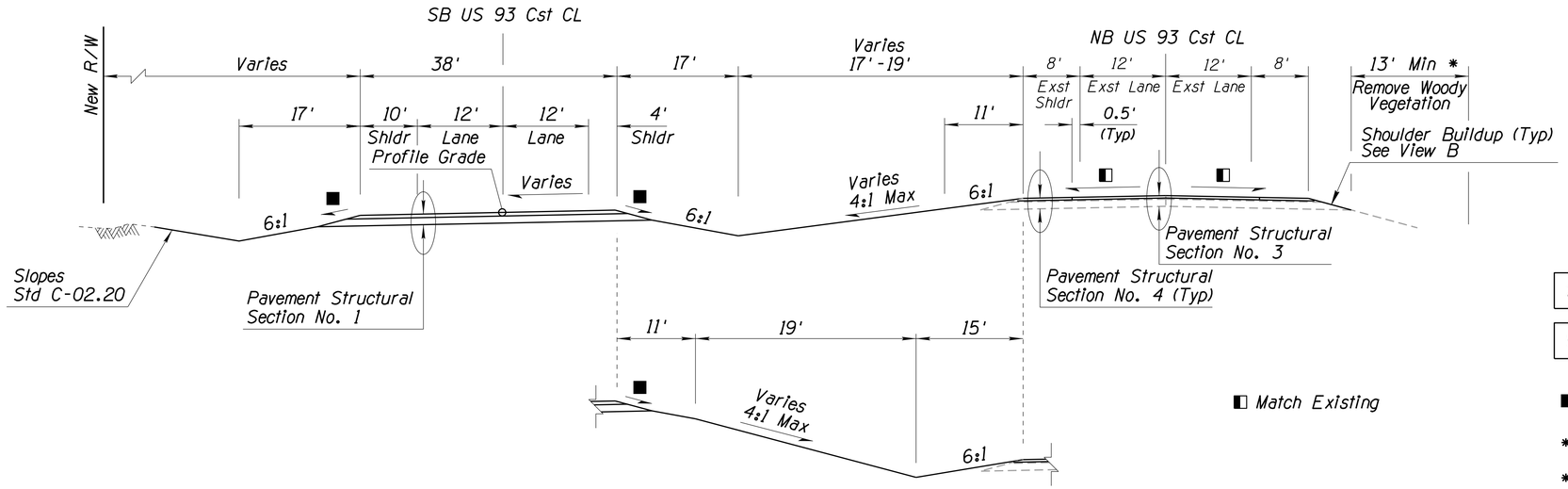


NB US 93 Cst CL Sta 174+43.69 to 175+95.56

US 93 TYPICAL SECTION

SB US 93 Cst CL Sta 174+57.92 to 183+00.00

NB US 93 Cst CL Sta 174+43.69 to 182+58.00



SB US 93 Sta 186+00.00 to 190+00.00

NB US 93 Sta 186+03.28 to 190+00.00

US 93 TYPICAL SECTION

SB US 93 Cst CL Sta 183+00.00 to 190+00.00

NB US 93 Cst CL Sta 182+58.00 to 190+00.00

2 Conc Single Curb, Std C-05.10, Type A1, h=6"

5 Granite Mulch (Item 8030092)

■ Subgrade/Slope Hinge Treatment Detail per Std C-02.20

* 22' Maximum for Areas Without Shoulder Buildup

** See Plans for Grading Information.

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

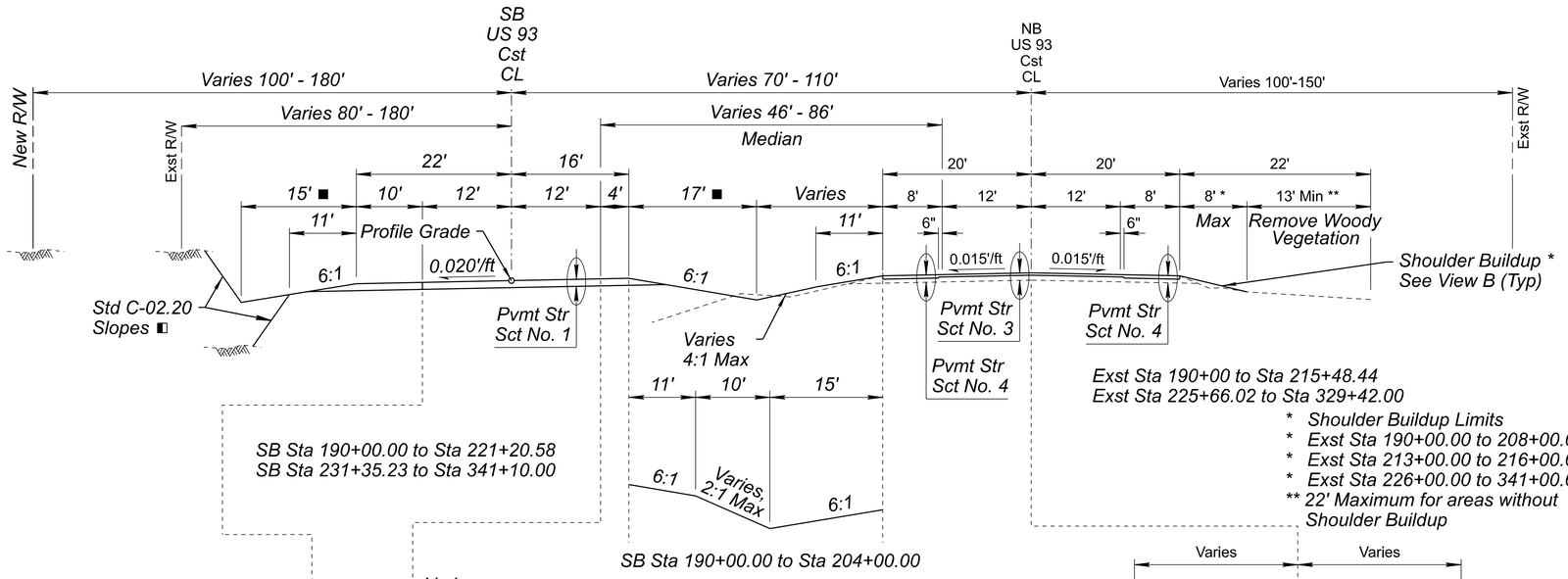
Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

TYPICAL SECTIONS

Registered Professional Engineer, State of Arizona
46727
DIANA B. KELLY
Date Signed 06/30/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. G-3.05
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

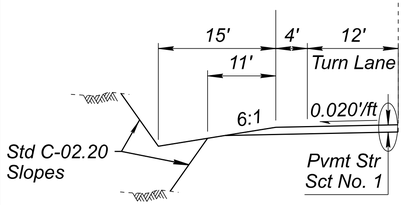


SB Sta 190+00.00 to Sta 221+20.58
SB Sta 231+35.23 to Sta 341+10.00

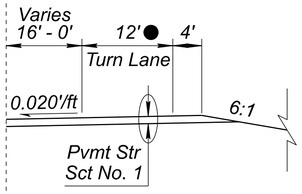
Exst Sta 190+00.00 to Sta 215+48.44
Exst Sta 225+66.02 to Sta 329+42.00

* Shoulder Buildup Limits
* Exst Sta 190+00.00 to Sta 208+00.00
* Exst Sta 213+00.00 to Sta 216+00.00
* Exst Sta 226+00.00 to Sta 341+00.00
** 22' Maximum for areas without Shoulder Buildup

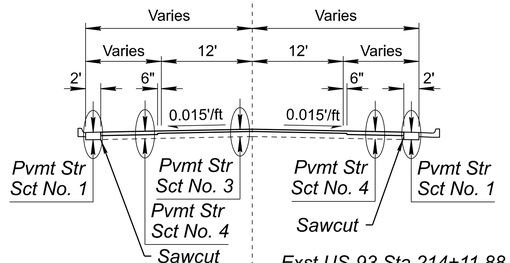
SB Sta 190+00.00 to Sta 204+00.00



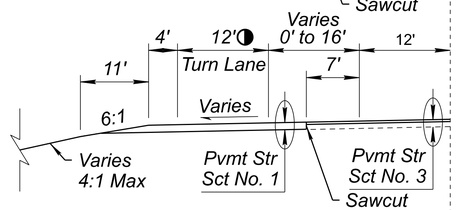
SB Sta 241+11.55 to Sta 246+02.00



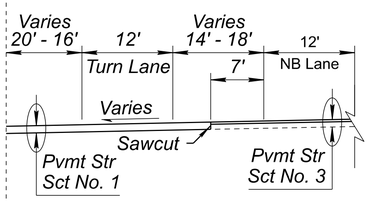
SB Sta 242+54.00 to Sta 246+86.00
SB Sta 275+51.00 to Sta 279+83.00



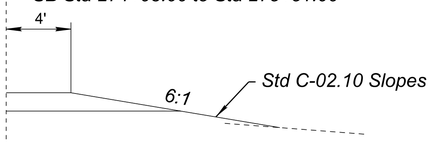
Exst US-93 Sta 214+11.88
to Sta 215+48.44



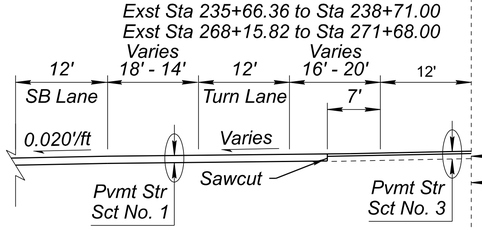
Exst Sta 235+66.36 to Sta 238+71.00
Exst Sta 268+15.82 to Sta 271+68.00



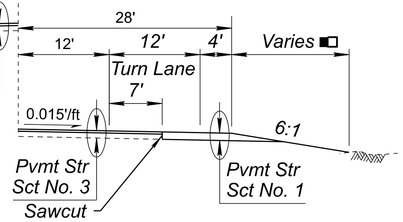
SB Sta 241+06.00 to Sta 242+54.00
SB Sta 274+03.00 to Sta 275+51.00



SB Sta 326+99.94 to Sta 341+10.00



Exst Sta 238+71.00 to Sta 240+19.67
Exst Sta 271+68.00 to Sta 273+16.00



Exst US-93 Sta 208+11.31 to Sta 212+55.66

TYPICAL SECTION
US 93

◧ SLOPE EXCEPTION TABLE

Station	Station	NB/SB	Lt/Rt	Slope Exception
203+90	210+70	SB	Lt	Hold Fill at 10' from Exst R/W
226+77	239+50	SB	Lt	Hold Cut at 15' from Exst R/W
251+20	253+50	SB	Lt	Hold Fill at 10' from Exst R/W
267+80	270+10	SB	Lt	Hold Fill at 10' from Exst R/W
276+50	277+80	SB	Lt	Hold Fill at 10' from Exst R/W
278+60	291+50	SB	Lt	Borrow Ditch; See G-3.02
339+15	339+30	SB	Lt	Hold Fill Behind Drainage Culvert
211+70	212+10	NB	Rt	Transition from 6:1 to 5%
212+10	212+55.66	NB	Rt	5%

■ DITCH WIDTH EXCEPTION TABLE

Station	Station	NB/SB	Side	Ditch Width
204+00	204+99	SB	Rt	Transition from 9' to 17'
220+50	221+21	SB	Rt	Transition from 17' to 9'
225+66	226+96	SB	Rt	Transition from 23' from Exst US 93 Cst CL to 39' from Exst US 93 Cst CL
226+96	231+35	SB	Rt	39' from Exst US 93 Cst CL
231+35	232+78	SB	Rt	Transition from 39' from Exst US 93 Cst CL to 17'
235+70	238+70	SB	Rt	Transition from 17' to 5'
243+00	246+86	SB	Rt	Transition from 26' from Exst US 93 CL to 17'
268+14	271+67	SB	Rt	Transition from 17' to 5'
276+00	279+80	SB	Rt	Transition from 24' from Exst US 93 Cst CL to 17'

● *Varies 12' - 0':*
SB Sta 244+46.00 to Sta 246+85.90
SB Sta 277+42.33 to Sta 279+82.90

◑ *Varies 0' to 12':*
Exst Sta 234+39.10 to Sta 236+79.67
Exst Sta 267+36.10 to Sta 269+76.67

Registered Professional Engineer (Civil)
26609
DALE
WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

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

TYPICAL SECTIONS

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	12	524	

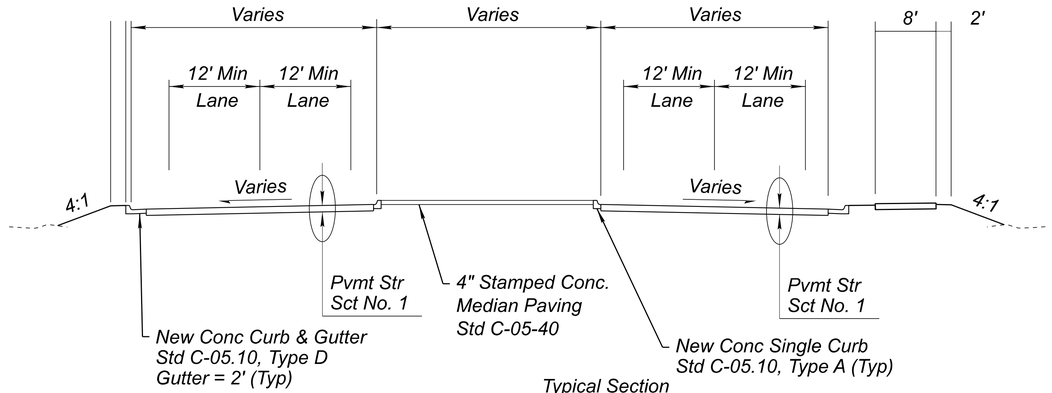
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. G-3.06

TRACS NO. F0738 01C

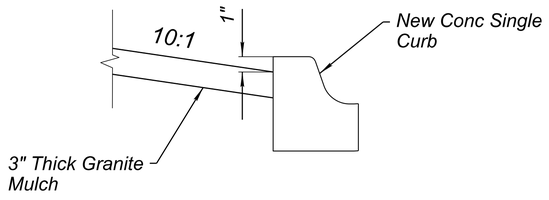
____ OF ____

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6/23/2026 @5:04:24 PM jason.heredia

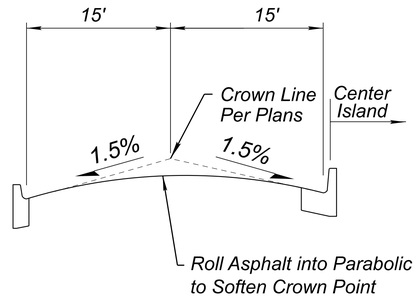


Typical Section
US 93

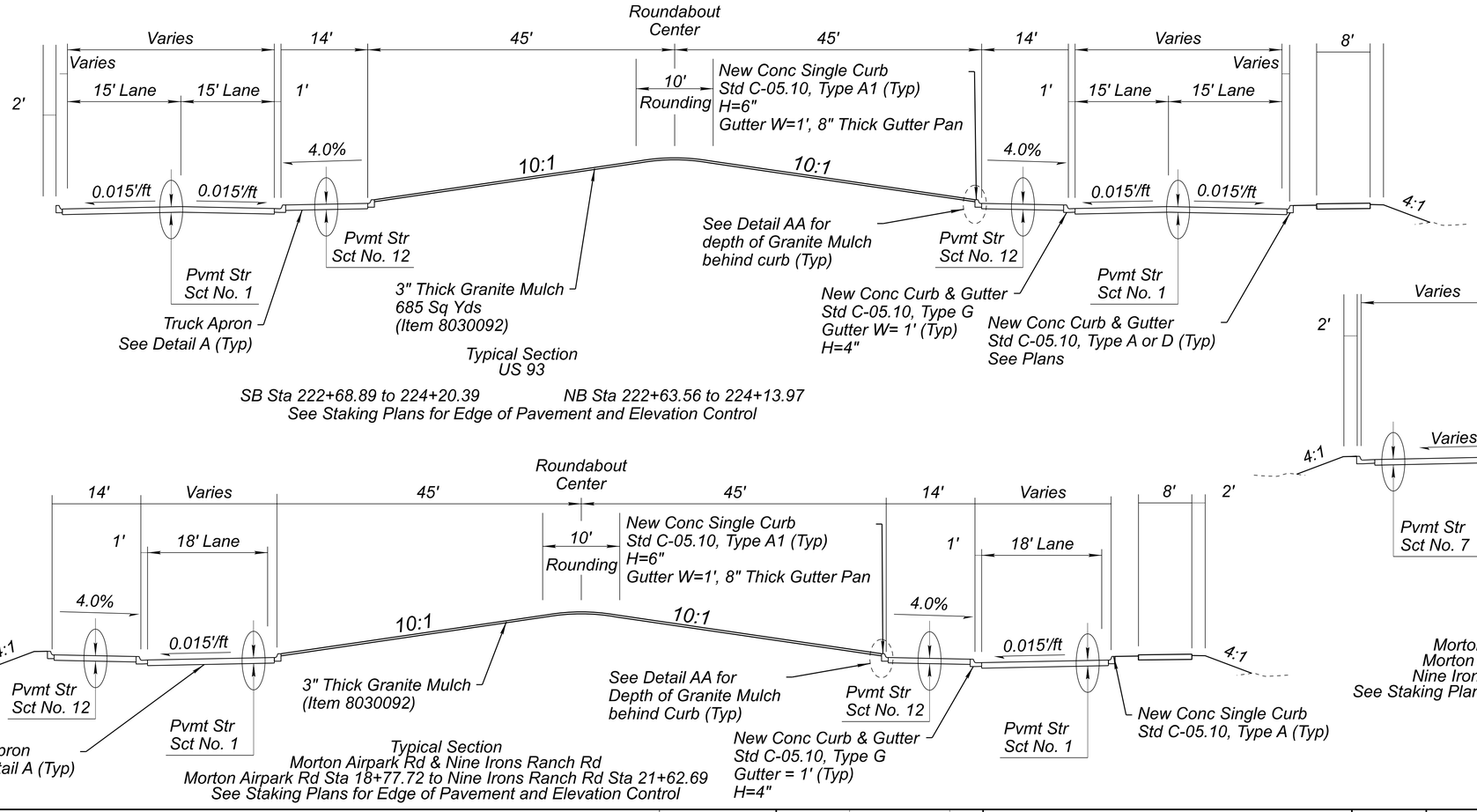
SB Sta 221+20.58 to 222+68.89 NB Sta 215+48.44 to 222+63.56
SB Sta 224+20.39 to 231+35.23 NB Sta 224+13.97 to 225+66.02
See Staking Plans for Edge of Pavement and Elevation Control



Detail AA

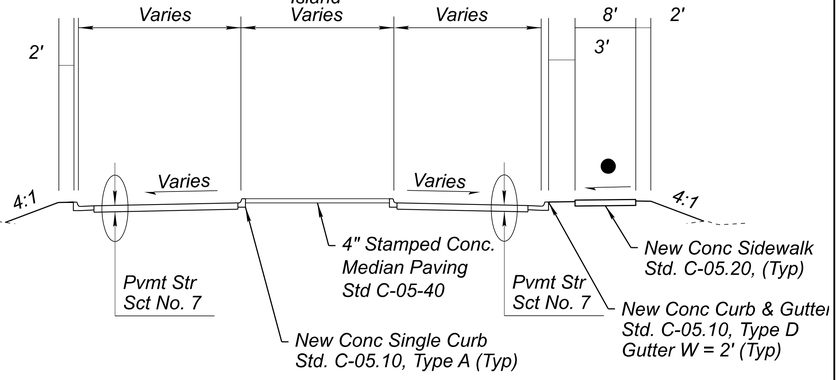


Rounded Crown Within Roundabout



Typical Section
US 93

SB Sta 222+68.89 to 224+20.39 NB Sta 222+63.56 to 224+13.97
See Staking Plans for Edge of Pavement and Elevation Control



Typical Section
Morton Airpark Rd & Nine Irons Ranch Rd
Morton Airpark Rd Sta 18+77.72 to 20+35.13
Nine Irons Ranch Rd Sta 19+63.12 to 21+62.69
See Staking Plans for Edge Of Pavement and Elevation Control

Typical Section
Morton Airpark Rd & Nine Irons Ranch Rd
Morton Airpark Rd Sta 18+77.72 to Nine Irons Ranch Rd Sta 21+62.69
See Staking Plans for Edge of Pavement and Elevation Control

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Professional Engineer 26609 DALE WIGGINS Date Signed 06/26/26 ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

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

TYPICAL SECTIONS

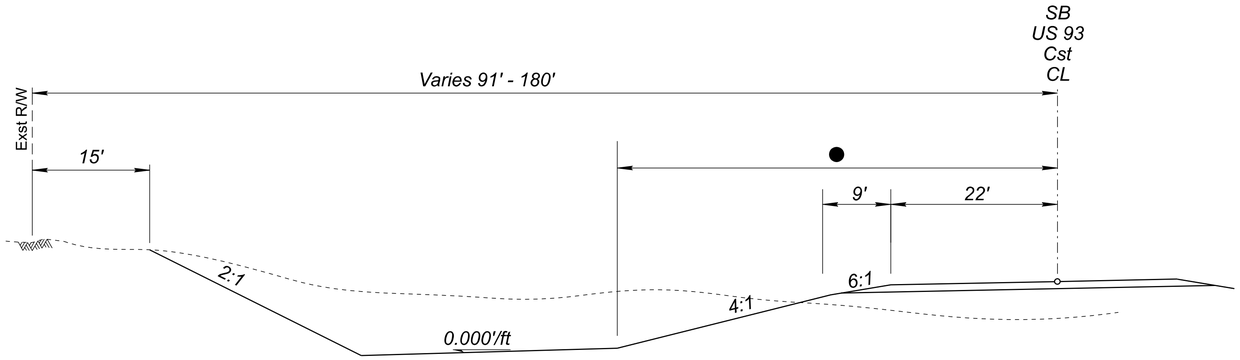
ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	13	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. G-3.07
TRACS NO. F0738 01C
____ OF ____

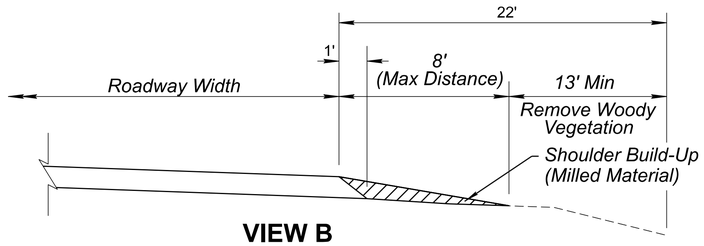
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6/23/2026 @5:04:33 PM jason.heredia



TYPICAL SECTION
CHANNEL

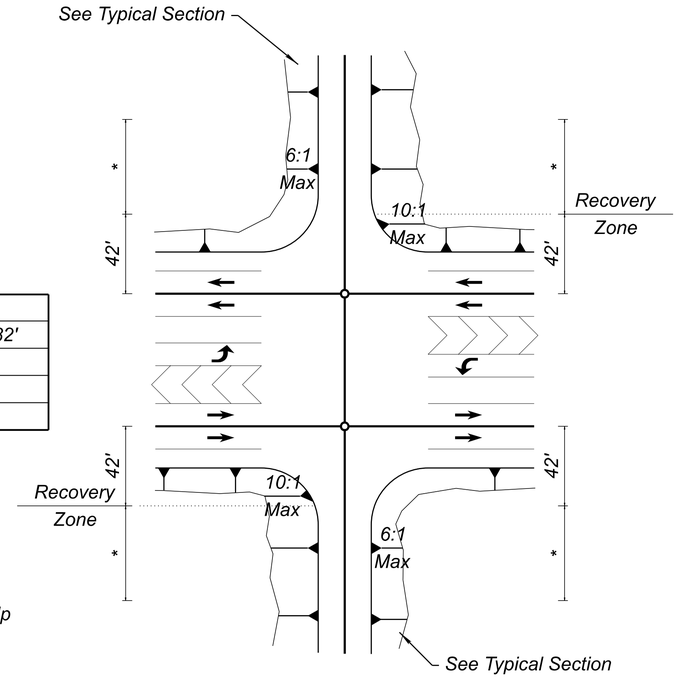
SB Sta 278+60.00 to Sta 285+25.00

Station	to	Station	●
278+60.00	to	282+00.00	Varies 63.4' to 82'
282+00.00	to	285+25.00	82'



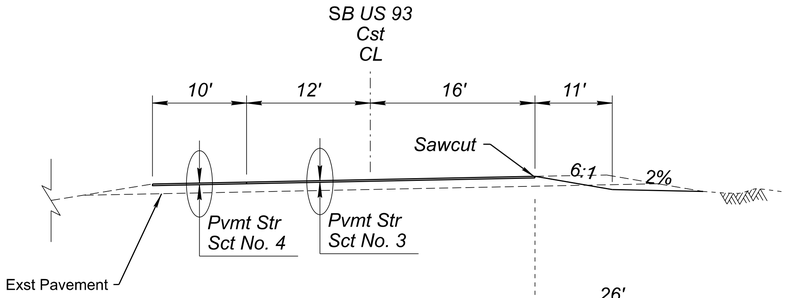
VIEW B
AC SHOULDER BUILD-UP

13,600 linear feet of shoulder build-up is estimated.
Locations will be determined by the Engineer.



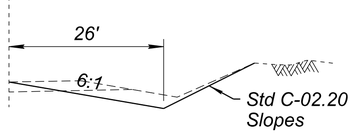
SLOPE TREATMENTS AT
TURNOUTS AND CROSSOVERS

**Slope transitions (From 10:1 or6:1 to Embankment Slope) onTurnouts & Crossovers where possible.*

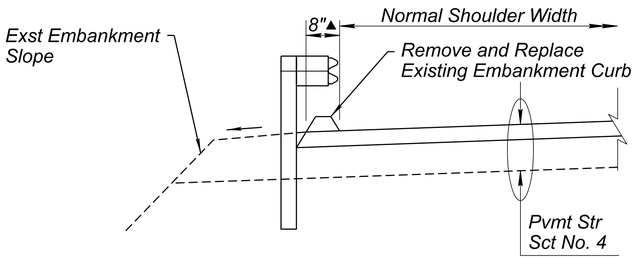


TYPICAL SECTION

SB Sta 341+10.00 to Sta 354+10.00

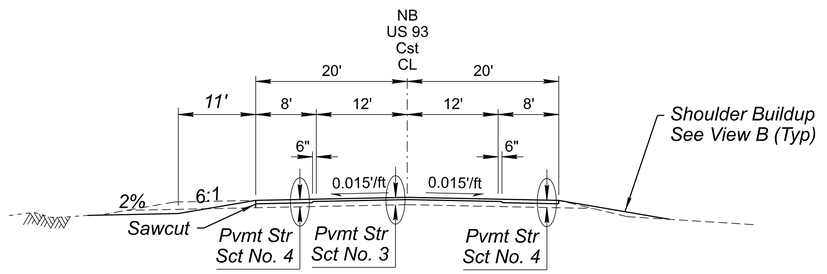


SB Sta 352+80.00 to Sta 354+10.00



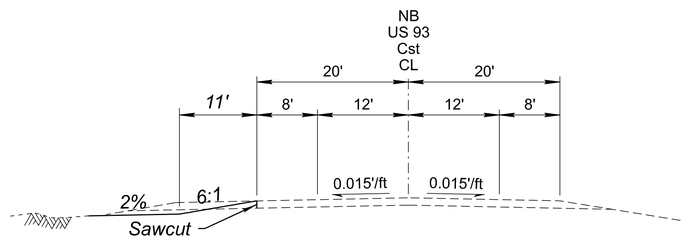
VIEW C
GUARDRAIL ADJACENT TO ASPHALTIC CONCRETE

See Std C-10.01 for details not shown
▲ Extend lift of adjacent AC 2.5"



TYPICAL SECTION

Exst Sta 329+42.00 to Sta 341+10.07



TYPICAL SECTION

Exst Sta 341+10.07 to Sta 342+07.97

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Registered Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
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T 602.371.1100
AECOM
www.aecom.com

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

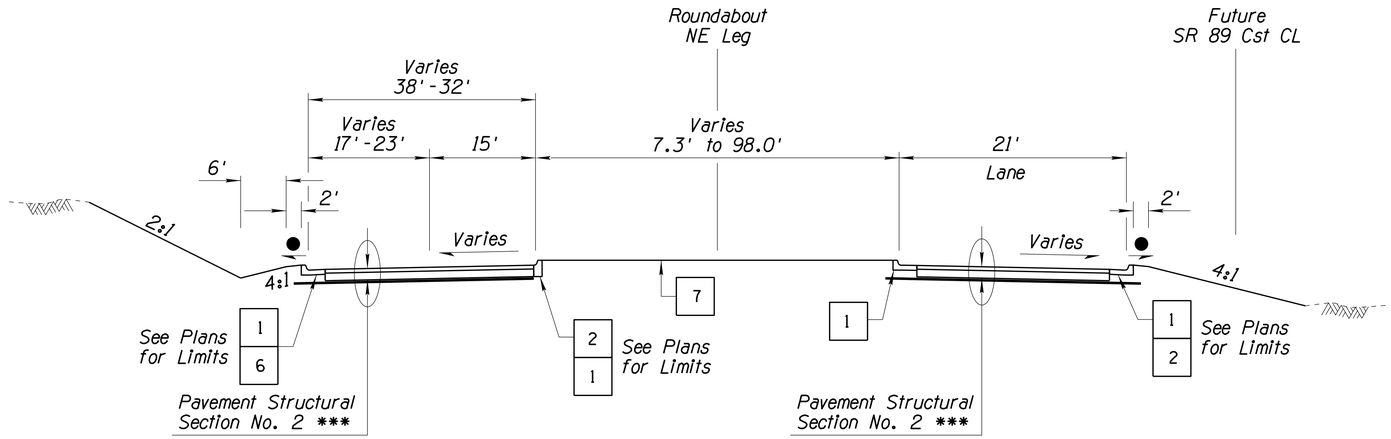
TYPICAL SECTIONS

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	14	524	
MILEPOST 189.9	LOCATION	WICKENBURG RANCH WAY TO VISTA ROYALE				DWG No. G-3.08
STRUCTURE NO.	TRACS NO.	F0738 01C				____ OF ____

F.H.W.A. Arizona Division

c:\pwworking\usaz\dms08894\f0738_ty02.dgn
6/23/2026 BAG EYC 6/23/2026 5:05:31 PM jason.heredia
@5:04:44 PM C:\pwworking\usaz\dms08894\f0738_ty02.dgn \ Model Name: f0738_typ02

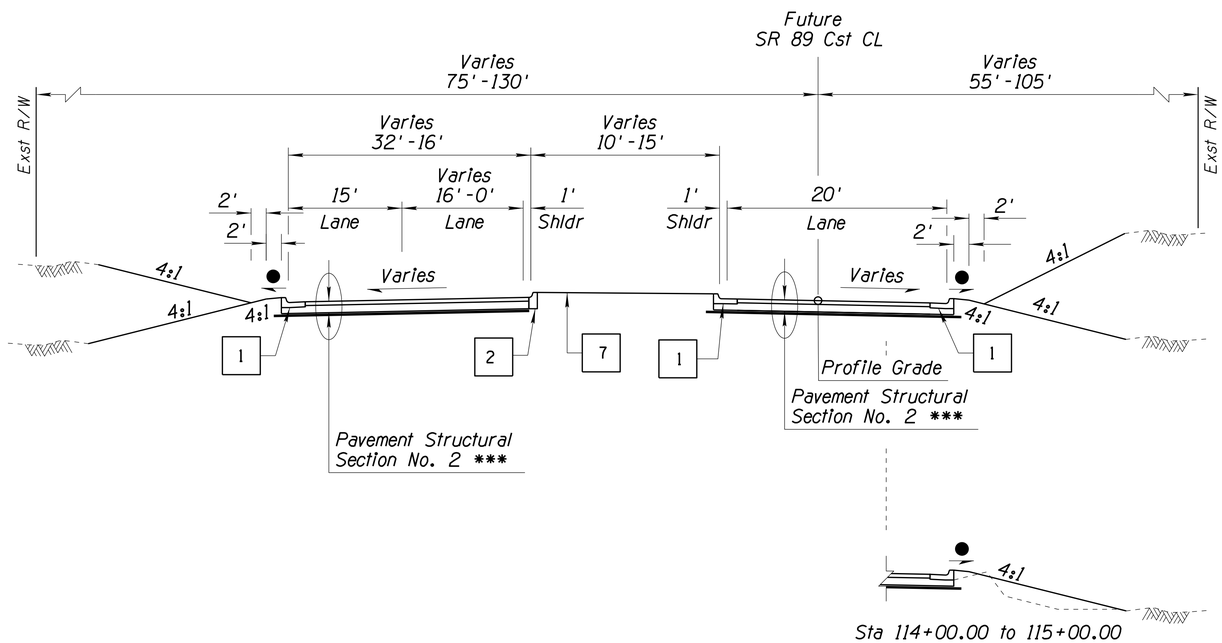
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	15	524	
		093 YV 189			



SR 89 TYPICAL SECTION

Sta 108+46.75 to 111+56.84

See Staking Plans for Edge of Pavement Location and Elevation Control



SR 89 TYPICAL SECTION

Sta 111+56.84 to 115+38.52

See Staking Plans for Edge of Pavement Location and Elevation Control

Sta 114+00.00 to 115+00.00

1	Conc Curb & Gutter, Std C-05.10, Type D, h=6" with AB Class 2 (Sta 108+46.75 to 115+38.52)	
2	Conc Single Curb, Std C-05.10, Type A1, h=6"	
6	Conc Curb & Gutter, Std C-05.10, Type D-3, h=6" with AB Class 2 (Sta 108+46.75 to 115+38.52)	
7	Concrete Median Paving (Stamped), Std C-05.40	
●	10:1	
**	See Plans for Grading Information.	
***	Geogrid and Separation Fabric Placement Detail See Detail B	

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

TYPICAL SECTIONS

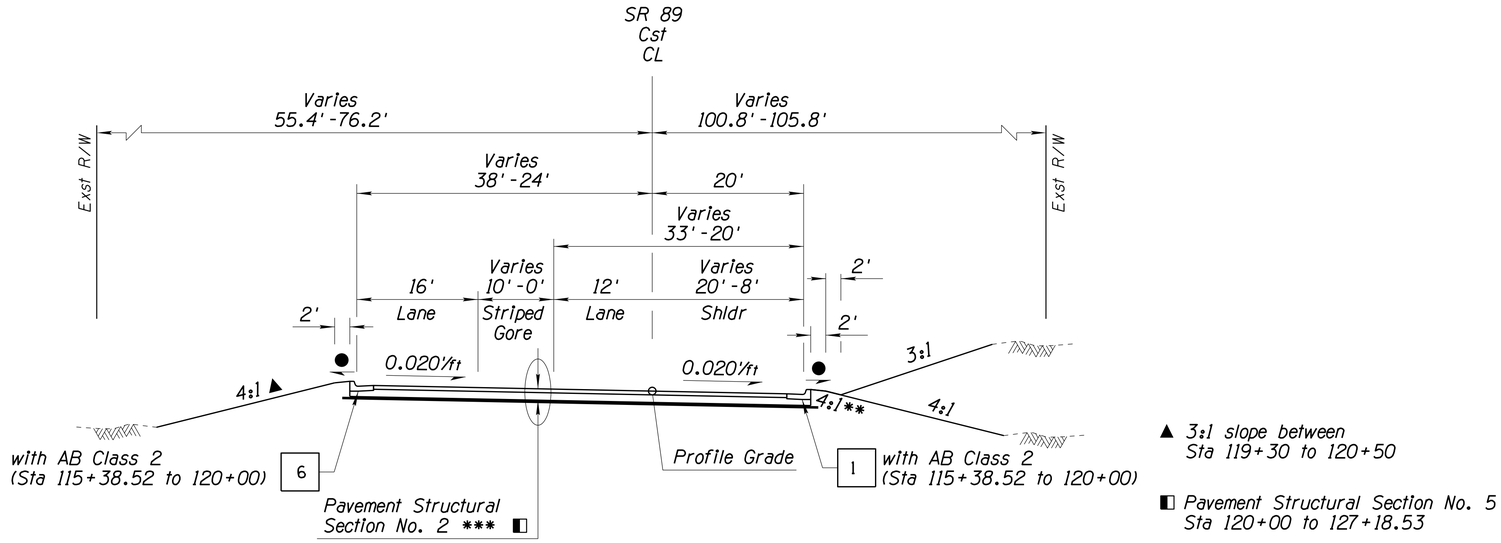
ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

DWG NO. G-3.09

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	16	524	
		093 YV 189			



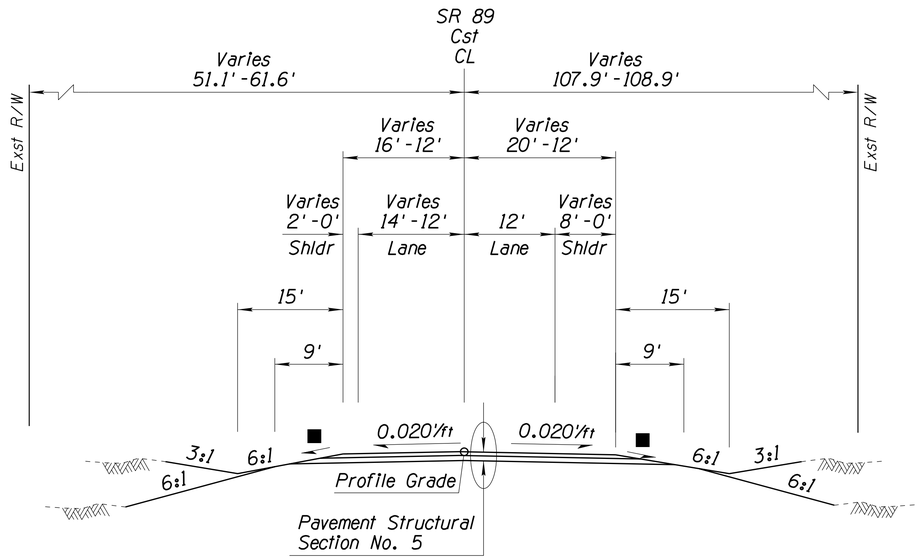
▲ 3:1 slope between
Sta 119+30 to 120+50

◧ Pavement Structural Section No. 5
Sta 120+00 to 127+18.53

SR 89 TYPICAL SECTION

Sta 115+38.52 to 127+18.53

See Staking Plans for Lt Edge of Pavement Location
and Elevation Control Sta 115+38.52 to 118+16.32



SR 89 TYPICAL SECTION

Sta 127+18.53 to Sta 128+30.94

1 Conc Curb & Gutter, Std C-05.10, Type D, h=6"

6 Conc Curb & Gutter, Std C-05.10, Type D-3, h=6"

■ Subgrade/Slope Hinge Treatment Detail Per Std C-02.20

● 10:1

** See Plans for Grading Information.

*** Geogrid and Separation Fabric Placement Detail
See Detail B

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

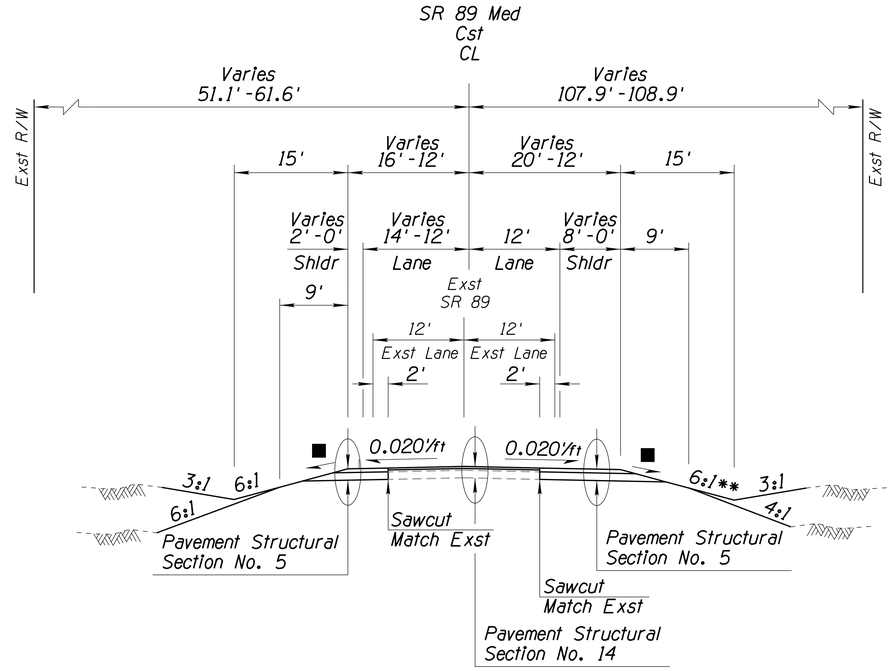
Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

TYPICAL SECTIONS

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 02/05/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. G-3.10
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	17	524	
		093 YV 189			



■ *Subgrade/Slope Hinge Treatment Detail per Std C-02.20*

** *See Plans for Grading Information.*

SR 89 TYPICAL SECTION

Sta 128+30.94 to 130+87.63

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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Phone: (602) 333-2200

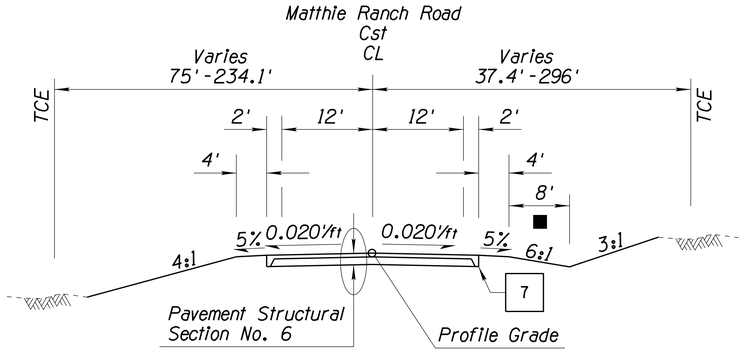
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

TYPICAL SECTIONS

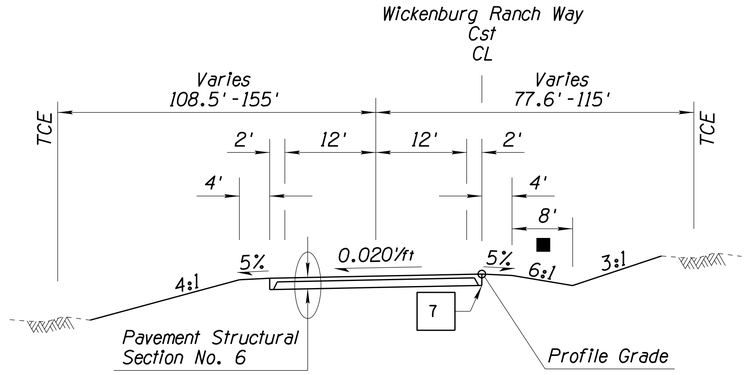
Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. G-3.11
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	18	524	
		093 YV 189			



TYPICAL SECTION
MATTHIE RANCH RD
Sta 0+00.00 to 43+00.00



TYPICAL SECTION
WICKENBURG RANCH WAY
Sta 55+75.00 to 75+25.00

DITCH EXCEPTION TABLE ■			
Location	*Lt/Rt*	*Width*	*Foreslope*
Wickenburg Ranch Way Cst CL			
56+68.80 to 73+93.43	*Lt*	*12'*	*6:1*
Matthie Ranch Rd Cst CL			
9+09.80 to 12+56.95	*Lt*	*24'*	*6:1*
12+56.95 to 33+20	*Lt*	*14.4'*	*4:1*
16+00 to 24+20	*Rt*	*21'*	*6:1*

7 *Thickened Edge, Type A (Typ)*
MAG Dtl 201

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

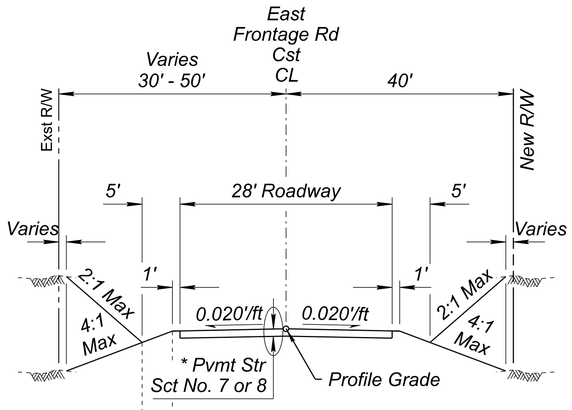
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

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TYPICAL SECTIONS

Registered Professional Engineer (Civil)
46727
DIANA B
KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

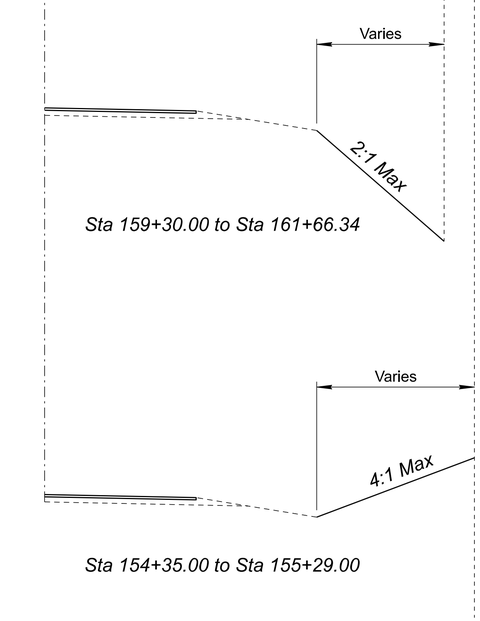
ROUTE	LOCATION	DWG NO. G-3.12
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

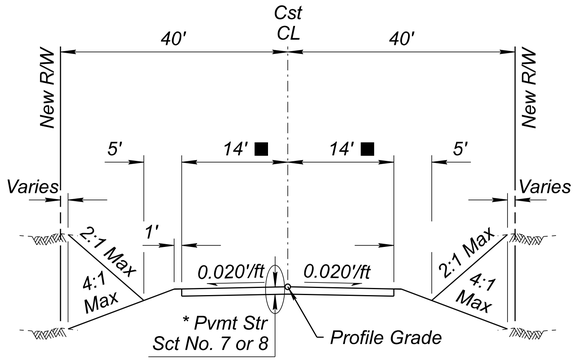


TYPICAL SECTION
EAST FRONTAGE RD

Sta 113+62.31 to Sta 162+45.58

** PSS 8 and Application of Chip Seal*
Sta 113+62.31 to Sta 161+66.62





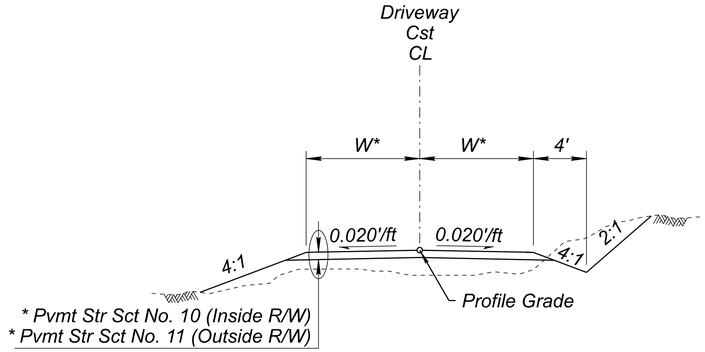
TYPICAL SECTION

Moreton Rd Sta 17+70.00 to Sta 18+77.72
Nine Irons Ranch Rd Sta 21+62.69 to Sta 25+46.59
Caballero Dr Sta 19+40.00 to Sta 19+48.55
Caballero Dr Sta 21+25.43 to Sta 21+66.00

** PSS 8 and Application of Chip Seal*
Nine Irons Ranch Rd Sta 22+09.21 to Sta 24+23.10

■ *Varies, Lt & Rt*
Moreton Rd
See Plans

Varies Lt & Rt
Nine Irons Ranch Rd
See Plans



TYPICAL SECTION
DRIVEWAYS

** See Driveway Plan & Profile Sheet for Driveway Widths*

Professional Engineer
26609
DALE WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

TRANSPORTATION
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www.aecom.com

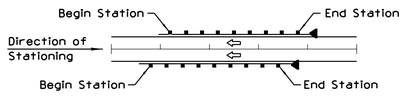
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

TYPICAL SECTIONS

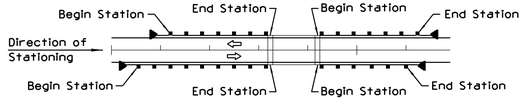
ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	19	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. G-3.13
	TRACS NO. F0738 01C					____ OF ____

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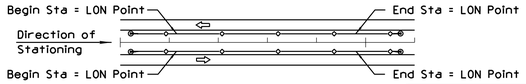
ONE-WAY ROADWAY



TWO-WAY ROADWAY WITH STRUCTURE ◒



DIVIDED ROADWAY WITH HIGH TENSION MEDIAN CABLE BARRIER



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	20	524	
		093 YV 189			

LOCATION		BARRIER																						TRANSITION		END TREATMENT									
		NEW GUARDRAIL								EXISTING GUARDRAIL				CONCRETE BARRIER						CABLE								NEW				EXISTING			
																								RAIL	CONC BARRIER	Each ◪				Action	Each ◪				
Begin / End Station (Approximate) (0)	Plan Reference Number	C-10.01 Guardrail Installation	C-10.03 (Timber Post)	C-10.04 (Steel Post)	Detail	Length (Linear Feet) (0.0)	C-10.06 Long Span	C-10.07 Box Culvert Post (Each)	Shop Curved Guardrail Length (Linear Feet) (0.0)	Reconstruct-Exst Post, Block Length (Linear Feet) (0.0)	Reconstruct-New Post, Block Length (Linear Feet) (0.0)	Remove and Salvage Length (Linear Feet) (0.0)	Construct from Salvage Length (Linear Feet) (0.0)	Remove Length (Linear Feet) (0.0)	Length (Linear Feet) (0.0)	C-10.40 (32" Median)	C-10.41 (42" Median)	C-10.50 (32" Half)	C-10.54 (32" Half at Piers)	C-10.55 (42" Half at Piers)	Detail	Remove Existing Length (Linear Feet) (0.0)	High-Tension Cable Barrier Length (Linear Feet) (0) ●	C-12.30 Chain-Link Cable Barrier Length (Linear Feet) (0.0)	Begin = Treatment at Beginning End = Treatment at End	C-10.30 (Wood Post)	C-10.31 (Steel Post)	C-10.70 32" or C-10.72 42"	C-10.74 42" to 32"	Detail	Tangent C-10.20 thru C-10.24	Flared C-10.26	End Anchor C-10.08 or Detail	High-Tension Cable Terminal	Sand Barrels C-1 or Detail	Attenuator Detail	Reconstruct (See Special Prv)	Remove and Salvage	Construct from Salvage	Remove	Tangent	Flared	End Anchor C-10.08 or Detail	High-Tension Cable Terminal	Sand Barrels C-1 or Detail	Attenuator Detail	BCT (L-12.5)	REMARKS
US 93 Med Cst CL 2130+85, Rt	31												412.0												Begin								X					1								
US 93 Med Cst CL 2135+51, Rt																									End								X						1							
US 93 Med Cst CL 2153+90, Lt	32												422.0												Begin								X					1								
US 93 Med Cst CL 2158+76, Rt																									End								X					1							
US 93 Med Cst CL 2154+60, Rt	33												376.0												Begin								X					1								
US 93 Med Cst CL 2159+00, Rt																									End								X					1							
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THE ZEROS IN PARENTHESES (0.0) INDICATE THE DIMENSIONAL PRECISION FOR THAT COLUMN.

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

◧ NOTE: FOR RECORD DRAWING PREPARATION - CIRCLE END TREATMENT INSTALLED.

◒ SEE BRIDGE SHEETS FOR BRIDGE BARRIER DETAILS AND QUANTITIES.

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

■ ARRAY TYPE AND ANGLE IS NOTED UNDER 'REMARKS'.

REV. DATE: 05/01/2018

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

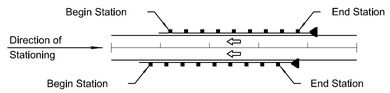
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

BARRIER SUMMARY SHEET

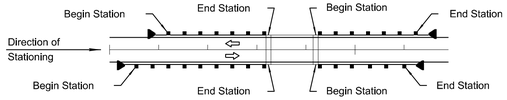
Registered Professional Engineer (Civil) 40727 DIANA B. KELLY Date Signed 06/30/26 ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. G-4.01
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

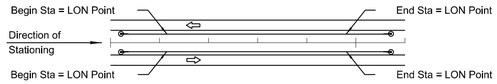
ONE-WAY ROADWAY



TWO-WAY ROADWAY WITH STRUCTURE ◒



DIVIDED ROADWAY WITH HIGH TENSION MEDIAN CABLE BARRIER



| LOCATION | | | | | | BARRIER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TRANSITION | | END TREATMENT | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	22	524	
		093 YV 189			

LOCATION			CURB		MED PAV	CURB AND GUTTER																		SIDEWALK						DRIVEWAY	
						TRANSITIONS (EA) ■																											
		Plan Reference No. XXX	Type A, h=6" (L Ft) Std C-05.10	Type A1, h=6" (L Ft) Std C-05.10	Med Nose Taper (5-Ft) Std C-05.40 (Sq Yd)	Median Paving (Conc) Stamped Std C-05.40 (Sq Yd)	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 5 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	Curb Terminal Std C-05.10	Type B (L Ft) Std C-05.10	Type C, H=3" (L Ft) Std C-05.10	Type D, H=6" (L Ft) Std C-05.10	Type D-3, H=7" (L Ft) Std C-05.10	Type E, Std C-05.10 (Lin Ft)	Type E-1, Std C-05.10 (Lin Ft)	Type G, H=4", Detail A (L Ft)	Sidewalk Ramp, Type B Std C-05.30 (Each)	Sidewalk Ramp, Type C Std C-05.30 (Each)	Sidewalk Ramp, Type E Std C-05.30 (Each)	Sidewalk Ramp, See Remarks (Each)	Sidewalk (Sq Ft) Std C-05.20	Valley Gutter Std C-05.10 (Lin Ft)	Driveway (Sq Ft) Std C-05.20	REMARKS
US 93 Med Cst CL 2109+75.28 to 2147+21.67	RT/LT	90		7400																											
US 93 Med Cst CL 2147+21.67 to 2148+55.92	RT/LT	91	362		3	720																									
US 93 Med Cst CL 2141+06.07 to 2156+14.48	LT	93													2			1545													
US 93 Med Cst CL 2142+67.32 to 2148+72.47	RT	94																667													
US 93 Med Cst CL 2148+53.23 to 2150+18.23	RT/LT	95																				519									See Detail A for AB Class 2 placement
US 93 Med Cst CL 2150+45.73 to 2151+62.64	RT/LT	96	296		3	394																									
US 93 Med Cst CL 2149+93.08 to 2153+77.07	RT	106	509										2																		
US 93 Med Cst CL 2151+57.90 to 2155+97.66	RT	107													1			775													
US 93 Med Cst CL 2151+62.64 to 2157+51.96	RT/LT	108		1057																											
Future SR 89 Cst CL 112+02.68 to 114+32.53	LT	109																277													
SR 89 Cst CL 115+38.52 to 127+18.53	RT	110													2			1172													
US 93 Med Cst CL 2148+72.47 to 2151+02.11	RT	111		294									2																		
Future SR 89 Cst CL 108+86.34 to Sr 89 Cst CL 115+44.13	RT	112			6	1612												923													
SR 89 Cst CL 114+32.53 to 127+18.53	LT	113													1				1297												
Future SR 89 Cst CL 111+56.84 to 115+38.52	RT/LT	115													1			382													
US 93 Med Cst CL 2148+63.23 to 2150+08.23	RT/LT	116		456																											
Sheet Totals:			1167	9207	12	2726												5741	1297			519									

XXX Reference numbers correspond to numbers on Roadway Plans.

■ Transition Lengths are included in Curb & Gutter.

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

CURB & GUTTER SUMMARY SHEET

Registered Professional Engineer (Civil) 46727 DIANA B. KELLY Date Signed 03/31/2026 ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. G-4.03
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

Location		Single Curb			Med Pav		New Curb & Gutter																				New Valley Gutter, Driveways, Sidewalk, Ramps & Slabs										
							Transitions (EA)																														
Begin/End Station	Plan Reference Number	Type 'A', h=6" (L Ft) Std C-05.10	Type 'A1' (L Ft) Std C-05.10	Type 'G', h=3.5" (L Ft) Std C-05.10	Median Nose Taper (5 ft) (Sq Yd) Std C-05.40	Median Paving (Conc) (Sq Yd) Stamped Std C-05.40	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 5 Std C-05.12	Type 6 Std C-05.12	Type 8 Std C-05.12	Type 9 Std C-05.12	Curb Terminal Std C-05.10	Guardrail Terminal w/ Curb Std C-10.77	Type 'B' (L Ft) Std C-05.10	Type 'C-1' (L Ft) Std C-05.10	Type 'D', h=6" (L Ft) Std C-05.10	Type 'D-1' (L Ft) Std C-05.10	Type 'D-2' (L Ft) Std C-05.10	Type 'D-3' (L Ft) Std C-05.10	Type 'E' (L Ft) Std C-05.10	Type 'G', h=4", Std C-05.10,(L Ft) Class S Concrete (f'c = 4000 psi)	Concrete Sidewalk Std C-05.20 (L Ft)	Sidewalk Ramp, Type 'A' Std C-05.30(Each)	Sidewalk Ramp, Type 'B' Std C-05.30(Each)	Sidewalk Ramp, Type 'C' Std C-05.30(Each)	Sidewalk Ramp, Type 'D' Std C-05.30(Each)	Sidewalk Ramp, Type 'E' Std C-05.30(Each)	Sidewalk Ramp, Type 'F' Std C-05.30 (Each)				Remarks
NB 93 214+12, Rt	201													1				1,071						1,075			2							Outside Southeast Curbline
NIRR 21+71, Rt														1																				
NB 93 214+31, Lt	101	1,034			3	210								1																				
SB 93 221+21, Rt														1																				South Splitter Curbline
SB 93 221+21, Lt	204													1				251						608			2							Outside Southwest Curbline
MR 18+78, Rt														1																				
MR 18+78, Lt	104	190			5	104																												
MR 19+47, Lt																																		West Splitter Curbline
MR 18+77, Lt	203													1				865						961			2							Outside Northwest Curbline
SB 93 231+35, Lt														1																				
NB 93 225+66, Lt	102	922			3	224								1																				
SB 93 231+35, Rt														1																				North Splitter Curbline
NIRR 21+72, Lt	202													1				272						454			2							Outside Northeast Curbline
NB 93 225+66, Rt														1																				
NIRR 20+50, Rt	103	273			5	224																												
NIRR 21+59, Rt																																		East Splitter Curbline
SB 93 222+83, Rt	301																						371											
SB 93 224+01, Rt																																		Roundabout Curbline
SB 93 222+97, Rt	105		283																															
SB 93 223+87, Rt																																		Interior Roundabout Curbline See Detail A for AB Class 2 Placement
Sheet Total		2,419	283	0	16	762											0	0	2,459	0	0	0	0	371	3,098	0	0	8	0	0	4				

MR = Moreton Road
NIRR = Nine Irons Ranch Road

Registered Professional Engineer (Civil) — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

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

CURB & GUTTER SUMMARY SHEET

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	23	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. G-4.04
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

c:\pwworking\usaz\dms08894\f0738_cgs01.dgn
6/23/2026 @5:05:25 PM jason.heredia

NOTE:
THE ZEROS IN PARENTHESES (0, 0.0 & 0.00) INDICATE THE DIMENSIONAL PRECISION FOR THAT COLUMN

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

NOTE:
PIPE OPTIONS SELECTED ARE THOSE REQUIRED TO MEET MINIMUM SERVICE LIFE.
ALLOWABLE PIPE OPTIONS ARE INDICATED WITH THE LETTER 'X' IN THE SPACE. BLANK SPACES ARE NOT ALLOWABLE ALTERNATIVES.

CSP - CORRUGATED STEEL PIPE
RCP - REINFORCED CONCRETE PIPE
NRCP - NON-REINFORCED CONCRETE PIPE
NRCIPCP - NON-REINFORCED CAST-IN-PLACE CONCRETE PIPE
CHDPEP - CORRUGATED HIGH-DENSITY POLYETHYLENE PIPE
CPPP - CORRUGATED POLYPROPYLENE PIPE
CAP - CORRUGATED ALUMINUM PIPE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	24	524	
		093 YV 189			

Station	Plan Reference Number	Controlling Fill Height Range	Size, Corrugated In.	Size, Smooth In.	Length (0) Ft.	Skew (0) Degree	DESCRIPTION / CSP / Corrugation	Wall Thickness (0.00)	Zinc Coating	Bituminous Coated Zinc	Aluminum Coating	Bituminous Coated Aluminum	CAP / Corrugation	Wall Thickness (0.00)	Uncoated	Bituminous Coated	Class - Non-Trench	Class - Trench	RCP / Class	Minimum Wall Thickness (0)	AASHTO M-294 Type S	AASHTO M-330 Type S	C-13.20 & C-13.25 Detail	NRCP In.	NRCIPCP In.	CHDPEP In.	CPPP In.	END TREATMENT / Each / End Section	Size, (In) Manhole	Standard or Detail	S-Single / D-Double	Location	H (0.0)	L Wing (0.0)	L 18" Slotted Drain (0)	L 24" Slotted Drain (0)	Type	Catch Basin, Manhole, Headwall & Junction Structure / Ea / Ft. / Grade Elevation (0.00)	Grade Ft. / Inlet Depression C-15.70 In.	Grade Ft. / Inlet Depression C-15.70 Ft.	QUANTITIES / Cubic Yard / Pipe Excavation (0)	Pipe Backfill (0) C-13.15	Drainage Excavation (0)	Berm/Dike Embankment (0)	REMARKS
US 93 Med																																															
Sta 2120+73.60 59' Lt	100	5		24	86											IV			X								C-15.80				3.8				2412.20			85	17			Dwg No. D-3.01
																											SD 6.30																		Riprap Apron Lt, Dtl DA
																																													Two L-Wings, G=3.5'
US 93 Med																																														
Sta 2148+82 116.27' Rt	101	1		24	49										III	III			X	X	1					C-15.20	S		5.4	3.5			2457.83	1	13.5	21	10			Dwg No. D-3.01
																																													Riprap per Dwg No. C-3.07
US 93 Med																																														
Sta 2120+73.60 59' Rt	102	2		24	116										II	I			X	X						C-15.80				3.2				2412.20			85	23			Dwg No. D-3.01
US 93 Med																																														
Sta 2149+16 82.16' Lt	103	2		18	83										II	II	I		X	X						D+I DT				4.0				2455.52	1	10.0	36	13			Dwg No. D-3.01
US 93 Med																																														
Sta 2152+07 28.03' Rt	104	1		18	136										IV	IV			X	X	1					C-15.20	S		4.1	7.5			2452.28	1	17.5	72	21			Dwg No. D-3.02
																																													Riprap Apron Rt, Dtl DA
US 93 Med																																														
Sta 2125+56	105	4	48		150	0	A	0.064	X			B	0.060														SD 6.30		Lt											180	147	590		Dtl D1
																											D+I DW		Rt															Riprap Apron Lt Dtl DA
US 93 Med																																														
Sta 2141+12.50 38' Lt	106																										C-15.20	S		6.3	11.5			2444.30	1	21.5					See PE 5, Dtl D2
US 93 Med																																														
Sta 2141+00.86 1.06' Rt	107																										C-15.80			6.6				2444.90							See PE 5, Dtl D2
																										2													479	231	590		

FILL HEIGHT RANGE TABLE (Ft.)												
RANGE NO.		1	2	3	4	5	6	7	8	9	10	11	12
FILL HEIGHT (Ft.)	>	1	3	5	8	11	15	20	25	30	40	55	70
	≤	3	5	8	11	15	20	25	30	40	55	70	90

◒ SHOULD FIELD CONDITIONS VARY FROM THE RANGE INDICATED. CONTACT DESIGN FOR RE-EVALUATION OF PIPE DESIGN REQUIREMENTS.

PIPE CORRUGATION			
A	2⅔x½	D	6x2
B	3x1	E	3x1 or 9x2½
C	9x2½		

	NAME	DATE
DESIGN	ETW	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

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

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

NEW PIPE SUMMARY SHEET

Registered Professional Engineer, Civil
46727
DIANA B. KELLY
This Sheet Only
ARIZONA, U.S.A.

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG NO. G-4.05
TRACS NO. F0738 01C
093-B(230)T
___ OF ___

NOTE:
THE ZEROS IN PARENTHESES (0, 0.0 & 0.00) INDICATE THE DIMENSIONAL PRECISION FOR THAT COLUMN

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

NOTE:
PIPE OPTIONS SELECTED ARE THOSE REQUIRED TO MEET MINIMUM SERVICE LIFE.
ALLOWABLE PIPE OPTIONS ARE INDICATED WITH THE LETTER 'X' IN THE SPACE. BLANK SPACES ARE NOT ALLOWABLE ALTERNATIVES.

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CHDPEP - CORRUGATED HIGH-DENSITY POLYETHYLENE PIPE
CPPP - CORRUGATED POLYPROPYLENE PIPE
CAP - CORRUGATED ALUMINUM PIPE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	25	524	
		093 YV 189			

Station	Plan Reference Number	Controlling Fill Height Range	Size, Corrugated In.	Size, Smooth In.	Length (0) Ft.	Skew (0) Degree	DESCRIPTION / CSP: Corrugation	Wall Thickness (0.00) In.	Zinc Coating	Bituminous Coated Zinc	Aluminum Coating	Bituminous Coated Aluminum	CAP: Corrugation	Wall Thickness (0.00) In.	Uncoated	Bituminous Coated	RCP: Class - Non-Trench	Class - Trench	Class	Minimum Wall Thickness (0) In.	AASHTO M-294 Type S	AASHTO M-330 Type S	C-13.20 & C-13.25	Detail	Size, (In) Manhole	Standard or Detail	End Section S-Single / D-Double	Location	H (0.0)	L Wing (0.0)	L 18" Slotted Drain (0)	L 24" Slotted Drain (0)	Type	Elevation (0.00)	Grate Depth In.	Grate L (0.0) Ft.	Inlet Depression C-15.70	Pipe Excavation (0)	Pipe Backfill (0) C-13.15	Drainage Excavation (0)	Berm/Dike Embankment (0)	REMARKS
																											Each																
																											End Section Ea	Catch Basin, Manhole, Headwall & Junction Structure															Cubic Yard	
US Med 93																																										
Sta 2149+99 56.02' Lt	111	2		24	76										II	1		X	X	1			D+I DT				5.1					2454.82	1	10.0	45	15			Dwg No. D-3.03
																																									Riprap Apron Rt, D+I DA
US Med 93																																										
Sta 2150+16.55 24.68' Lt	112	2		24	32										II	1		X	X				D+I DT				4.5					2454.44	1	10.0	15	6			Dwg No. D-3.03
																																									Possible Phased Construction
																																								See D+I DT
US Med 93																																									
Sta 2150+20.22 1.44' Lt	113	1		18	20										IV			X	X				D+I DT				4.1					2454.63	1	10.0	5	3			Dwg No. D-3.03
US Med 93																																									
Sta 2155+90 19.92' Rt	114	4		24	44										III			X	X				C-15.20	S			5.0	7.5				2448.63	1	17.5	46	9			Dwg No. D-3.03
																																									See BE1 for Pipe Penetration
US Med 93																																									
Sta 2156+07 113.39' Lt	115	5		18	38										IV			X	X				C-15.20	S			4.5	7.5				2450.04	1	17.5	24	17			Dwg No. D-3.03
																																									See BE1 for Pipe Penetration
US Med 93																																									
Sta 2159+86.02 27.79' Lt	116	3		18	135										II	1		X	X	1			C-15.80				2.5					2443.65			79	22	10		Dwg No. D-3.04
																																									Riprap Apron D+I DA
Future SR 89																																									
Sta 111+02.76, 7.36' Lt	117	2		18	120										II	1		X	X																	78	19			Dwg No. D-3.06
																																									Pipe Plug Std C-13.76
Future SR 89																																									
Sta 114+63 41.62' Lt	118	1		18	36										IV			X	X	1			C-15.20	S			4.0	3.5				2455.15	1	13.5	17	6			Dwg No. D-3.04
																																									Riprap Apron D+I DA
SR 89																																									
Sta 117+52 18' Rt	119	1		18	70										IV			X	X				C-15.20	S			2.6	7.5				2449.76	1	17.5	29	11			Dwg No. D-3.05
																				3																338	108	10		

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

◪ PIPE CORRUGATION			
A	2⅔x½	D	6x2
B	3x1	E	3x1 or 9x2½
C	9x2½		

	NAME	DATE
DESIGN	ETW	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

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

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

NEW PIPE SUMMARY SHEET

Registered Professional Engineer, Civil
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. G-4.06
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

NOTE:
THE ZEROS IN PARENTHESES (0, 0.0 & 0.00) INDICATE THE DIMENSIONAL PRECISION FOR THAT COLUMN

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

NOTE:
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CHDPEP - CORRUGATED HIGH-DENSITY POLYETHYLENE PIPE
CPPP - CORRUGATED POLYPROPYLENE PIPE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	26	524	
		093 YV 189			

Station	Plan Reference Number	Controlling Fill Height Range	Size, Corrugated In.	Size, Smooth In.	Length (0) Ft.	Skew (0) Degree	CSP: Corrugation	CSP: Wall Thickness (0.00) In.	CSP: Coating: Zinc	CSP: Coating: Bituminous Coated Aluminum	CSP: Coating: Bituminous Coated Zinc	CAP: Corrugation	CAP: Wall Thickness (0.00) In.	CAP: Coating: Uncoated	CAP: Coating: Bituminous Coated	RCP: Class - Non-Trench	RCP: Class - Trench	RCP: Class	NRCP: Minimum Wall Thickness (0) In.	NRCIPCP: AASHTO M-294 Type S	CHDPEP: AASHTO M-330 Type S	CPPP: C-13.20 & C-13.25	End Section: Detail	End Section: Size, (In) Manhole	End Section: Standard or Detail	End Section: S-Single / D-Double	Catch Basin, Manhole, Headwall & Junction Structure: Location Ea	H (0.0) Ft.	L Wing (0.0) Ft.	L 18" Slotted Drain (0) Ft.	L 24" Slotted Drain (0) Ft.	Grate: Type	Grate: Elevation (0.00)	Inlet Depression C-15.70: Depth In.	Inlet Depression C-15.70: L (0.0) Ft.	Pipe Excavation (0) Cubic Yard	Pipe Backfill (0) C-13.15 Cubic Yard	Drainage Excavation (0) Cubic Yard	Berm/Dike Embankment (0) Cubic Yard	REMARKS
SR 89																																							
Sta 118+24.88 18' Rt	120	1		24	70											III	3		X	X				C-15.20			3.3						2449.57	1	10.0	42	14			Dwg No. D-3.05
SR 89																																							
Sta 118+98 18' Rt to	121	1		24	69										III	III	3		X	X				D+I DU	S		3.8	7.5					2449.76	1	18.0	41	14			
Sta 119+78 22' Rt	122																							C-15.20			5.1						2451.00							
SR 89																																							
Sta 128+17	122	1	24		87	15 Lt	A	0.064	X														2													51	15	223		D+I D24
																																							New End Section Lt & Rt
																																							Riprap Basin Lt, D+I DR
Future SR 89																																							
Sta 112+26 18.07' Lt to	128	1		24	255											III	3		X	X				C-15.20	S		5.5	3.5					2462.22	1	13.5	189	51			Dwg No. D-3.06
Sta 114+82.77 20.15' Lt	128																					≤36		C-18.10			14.0						2454.95							See PE 1
US 93																																							
Sta 2149+20 113.41' Rt	129	1		18	15										IV				X	X				C-15.20			4.6						2457.58	1	10.0	9	7			
US 93																																							
Sta 2149+03.49 109.87' Rt	130	1		24	13										III		3		X	X				C-15.20			5.1						2457.52	1	10.0	9	6			
Wickenburg Ranch Way																																							
Sta 57+51	131	6	3-48		162	0	A	0.064	X															SD 6.30		Lt										423	383			D+I D26
																								SD 6.30		Rt														Riprap Basin Rt, D+I DR
																																							Total Pipe L=486 LF
																							2		1											764	490	223		

FILL HEIGHT RANGE TABLE (Ft.)												
RANGE NO.		1	2	3	4	5	6	7	8	9	10	11	12
FILL HEIGHT (Ft.)	>	1	3	5	8	11	15	20	25	30	40	55	70
	≤	3	5	8	11	15	20	25	30	40	55	70	90

◒ SHOULD FIELD CONDITIONS VARY FROM THE RANGE INDICATED, CONTACT DESIGN FOR RE-EVALUATION OF PIPE DESIGN REQUIREMENTS.

◪ PIPE CORRUGATION			
A	2⅔x½	D	6x2
B	3x1	E	3x1 or 9x2½
C	9x2½		

	NAME	DATE
DESIGN	ETW	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

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

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

NEW PIPE SUMMARY SHEET

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
This is not a certification
ARIZONA, U.S.A.

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. G-4.07

TRACS NO. F0738 01C | 093-B(230)T | ___ OF ___

NOTE:
THE ZEROS IN PARENTHESES (0, 0.0 & 0.00) INDICATE THE DIMENSIONAL PRECISION FOR THAT COLUMN

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

NOTE:
PIPE OPTIONS SELECTED ARE THOSE REQUIRED TO MEET MINIMUM SERVICE LIFE.
ALLOWABLE PIPE OPTIONS ARE INDICATED WITH THE LETTER 'X' IN THE SPACE. BLANK SPACES ARE NOT ALLOWABLE ALTERNATIVES.

CSP - CORRUGATED STEEL PIPE
RCP - REINFORCED CONCRETE PIPE
NRCP - NON-REINFORCED CONCRETE PIPE
NRCIPCP - NON-REINFORCED CAST-IN-PLACE CONCRETE PIPE
CHDPEP - CORRUGATED HIGH-DENSITY POLYETHYLENE PIPE
CPPP - CORRUGATED POLYPROPYLENE PIPE
CAP - CORRUGATED ALUMINUM PIPE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	27	524	
		093 YV 189			

DESCRIPTION							CSP												CAP			RCP	NRCP	NRCIPCP	CHDPEP	CPPP	END TREATMENT																QUANTITIES				
																											Each	Catch Basin, Manhole, Headwall & Junction Structure																			
																											End Section	Ea					Ft.				Grade			Ft.					Cubic Yard			
Station	Plan Reference Number	Controlling Fill Height Range	Size, Corrugated	Size, Smooth	Length (0)	Skew (0)	Corrugation	Wall Thickness (0.00)	Zinc	Bituminous Coated	Aluminum	Bituminous Coated	Corrugation	Wall Thickness (0.00)	Uncoated	Bituminous Coated	Class - Non-Trench	Class - Trench	Class	Minimum Wall Thickness (0)	AASHTO M-294 Type S	AASHTO M-330 Type S	C-13.20 & C-13.25	Detail	Size, (In) Manhole	Standard or Detail	S-Single / D-Double	Location	H (0.0)	L Wing (0.0)	L 18" Slotted Drain (0)	L 24" Slotted Drain (0)	Type	Elevation (0.00)	Depth	L (0.0)	Inlet Depression C-15.70	Pipe Excavation (0)	Pipe Backfill (0) C-13.15	Drainage Excavation (0)	Berm/Dike Embankment (0)	REMARKS
			In.	In.	Ft.	Degree		In.	Coating					In.																						In.	Ft.									
Matthie Ranch Rd																																															
Sta 2+14	132	4	36		144	0	A	0.064	X								111	111	2								2																101	91			Dtl D27
																																														Riprap Basin Rt, Dtl DR
Matthie Ranch Rd																																														
Sta 4+39	133	3	36		102	0	A	0.064	X								11	11	2								2																64	64			Dtl D28
																																														Riprap Basin Rt, Dtl DR
Matthie Ranch Rd																																														
Sta 8+53	134	1	2-36		90	44 Rt	A	0.064	X								11		2								4																197	113		89	Dtl D29
																																														Riprap Basin Rt, Dtl DR
																																														Total Pipe L=180 LF
Matthie Ranch Rd																																														
Sta 15+93	135	1	2-36		118	57 Rt	A	0.064	X								11	11	1								4																125	149			Dtl D30
																																														Riprap Basin Rt, Dtl DR
																																														Total Pipe L=236 LF
																											12																487	417		89	

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

◪ PIPE CORRUGATION			
A	2⅔x½	D	6x2
B	3x1	E	3x1 or 9x2½
C	9x2½		

	NAME	DATE
DESIGN	ETW	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

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

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

NEW PIPE SUMMARY SHEET

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG NO. G-4.08

TRACS NO. F0738 01C
093-B(230)T
OF

NOTE:
THE ZEROS IN PARENTHESES (0, 0.0 & 0.000) INDICATE THE DIMENSIONAL PRECISION FOR THAT COLUMN

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

NOTE:
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CHDPEP - CORRUGATED HIGH-DENSITY POLYETHYLENE PIPE
CPPP - CORRUGATED POLYPROPYLENE PIPE

DESCRIPTION									CSP						CAP						RCP						NRCP	NRCIPCP	CHDPEP	CPPP	END TREATMENT																		QUANTITIES			
				In.	In.	Ft.	Degree		In.	Coating					In.													In.				Each			Catch Basin, Manhole, Headwall & Junction Structure															Cubic Yard			
Station	Plan Reference Number	Controlling Fill Height Range	Size, Corrugated	Size, Smooth	Length (0)	Skew (0)	Corrugation	Wall Thickness (0.000)	Zinc	Bituminous Coated Zinc	Aluminum	Bituminous Coated Aluminum	Corrugation	Wall Thickness (0.000)	Uncoated	Bituminous Coated	Class - Non-Trench	Class - Trench	Class	Minimum Wall Thickness (0)	AASHTO M-294 Type S	AASHTO M-330 Type S	C-13.20 & C-13.25	C-13.25	Size, (In) Manhole	Standard or Detail	End Section	Ea	S-Single / D-Double	Location	H (0.0)	L Wing (0.0)	Ft. L 18" Slotted Drain (0)	Ft. L 24" Slotted Drain (0)	Type	Grate Elevation (0.00)	Grate Ft. Depth	Grate Ft. In.	Grate Ft. L (0.0)	Inlet Depression C-15.70	Pipe Excavation (0)	Pipe Backfill (0) C-13.15	Drainage Excavation (0)	Berm/Dike Embankment (0)	REMARKS
SB US 93 CL 224+78, 18' Lt	224	1	36		75	0	A	.064	X				B	0.060				V	V		X	X				Dtl DG				4.4					2486.59					97	31			CB-224 to MH-225
NB US 93 CL 224+51, 19'Lt																																													
NB US 93 CL 224+51, 19' Lt	225	2	36		88	37 Rt	A	.064	X				B	0.060				IV	IV		X	X			≤36	C-18.10				8.9					2490.29					104	36			MH-225 to MH-410
NIRR CL 20+82, 52' Lt																																													
SB US 93 CL 294+64, 33' Rt	294	2	42		122	40 Lt	A	.064	X				B	0.060				III	III		X	X				Dtl DI				6.5					2564.57					69	38			CB-294 to L-Headw all, See Dtl D14
SB US 93 CL 293+94, 47' Lt			42		122	40 Lt	A	.064	X				B	0.060				III	III		X	X				SD-6.30	D																		
NIRR CL 20+82, 52' Lt	410	2	36		125	12 Rt	A	.064	X				B	0.060				III	III		X	X			≤36	C-18.10				6.9					2487.27					54	52			MH-410 to Headw all, Dtl DH
NIRR CL 20+91, 67' Rt																																												
NIRR CL 21+23, 44' Lt	415	2	36		115	20 Lt	A	.064	X				B	0.060				III	III		X	X				Dtl DH																		
NIRR CL 20+91, 67' Rt			36		115	20 Lt	A	.064	X				B	0.060				III	III		X	X				Dtl DH															29	36			Headw all to Triple Barrel Headw all
																																												See Dtl DH & Dtl D31
Caballero Dr CL 21+27, 27' Lt	425	2	24		55		A	.064	X				B	0.060										1																	21	16			End Section to End Section
Caballero Dr CL 21+27, 28' Rt																							1																					
E Frontage Rd 113+85, 37' Rt	110	1	24		76		A	.064	X				B	0.060				IV	IV		X	X				C-15.80				4.7					2485.02					36	22			CB-110 to Straight Headw all
E Frontage Rd 113+94, 38' Lt																										SD-06.30																		
Dw y 131+17 CL 10+31, 25' Lt	170	1	18		49		A	.064	X				B	0.060										2																	4	14			End Section to End Section
Dw y 131+17 CL 10+40, 23' Rt																																												
																							0	4	2																413	245			

FILL HEIGHT RANGE TABLE (Ft.)													
RANGE NO.		1	2	3	4	5	6	7	8	9	10	11	12
FILL	>	1	3	5	8	11	15	20	25	30	40	55	70
HEIGHT (Ft.)	≤	3	5	8	11	15	20	25	30	40	55	70	90

◒ SHOULD FIELD CONDITIONS VARY FROM THE RANGE INDICATED, CONTACT DESIGN FOR RE-EVALUATION OF PIPE DESIGN REQUIREMENTS.

◪ PIPE CORRUGATION			
A	2⅔x½	D	6x2
B	3x1	E	3x1 or 9x2½
C	9x2½		

REV. DATE: MAR 2022

Registered Professional Engineer — CERTIFICATE 39264 — BILLIE BENETDALE — 06/26/20 — Not Valid Without Signature — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B BENETDALE	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

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

NEW PIPE SUMMARY SHEET

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	28	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. G-4.09
	TRACS NO. F0738 01C					____ OF ____

NOTE:
THE ZEROS IN PARENTHESES (0, 0.0 & 0.000) INDICATE THE DIMENSIONAL PRECISION FOR THAT COLUMN

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

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CPPP - CORRUGATED POLYPROPYLENE PIPE

DESCRIPTION							CSP									CAP							RCP			NRCP	NRCIPCP	CHDPEP	CPPP	END TREATMENT																QUANTITIES	
			In.	In.	Ft.	Degree	In.	Coating								In.							In.			In.				Each			Catch Basin, Manhole, Headwall & Junction Structure														Cubic Yard	
Station	Plan Reference Number	Controlling Fill Height Range	Size, Corrugated	Size, Smooth	Length (0)	Skew (0)	Corrugation	Wall Thickness (0.000)	Zinc	Bituminous Coated Zinc	Aluminum	Bituminous Coated Aluminum	Corrugation	Wall Thickness (0.000)	Uncoated	Bituminous Coated	Class - Non-Trench	Class - Trench	Class	Minimum Wall Thickness (0)	AASHTO M-294 Type S	AASHTO M-330 Type S	C-13.20 & C-13.25	C-13.25	Size, (In) Manhole	End Section Standard or Detail	Ea	S-Single / D-Double	Location	H (0.0)	L Wing (0.0)	Ft. L 18" Slotted Drain (0)	Ft. L 24" Slotted Drain (0)	Type	Elevation (0.00)	Grate Ft. Depth	Grate Ft. L (0.0)	Inlet Depression C-15.70 Pipe Excavation (0)	Pipe Backfill (0) C-13.15	Drainage Excavation (0)	Berm/Dike Embankment (0)	REMARKS
E Frontage Rd 126+87, 29' Lt	150	1	28 x 20		81	44 Lt	A	.064	X				B	0.060											C-15.90				2.2					2508.81			21	24			CB-115 to End Section
E Frontage Rd 126+36, 32' Rt																							1																			
E Frontage Rd 130+93, 27' Lt	155	1	18		57	1 Lt	A	.064	X				B	0.060				III	III		X	X			C-15.75	D			3.1					2518.18			27	15			Drop Inlet to End Section
E Frontage Rd 130+83, 29' Rt			18		57	1 Lt	A	.064	X				B	0.060				III	III		X	X	2																			
E Frontage Rd 158+63, 27' Rt	160	1	28 x 20		66	27 Lt	A	.064	X				B	0.060											C-15.90				2.2					2533.59			28	27			CB-120 to End Section
E Frontage Rd 158+35, 31' Lt																							1																			
SB US 93 CL 196+06, 21' Lt	501	2	24		87		A	.064	X				B	0.060											C-15.30				4.5					2480.67			7	26			CB-501 to Headw all, Dtl DK
SB US 93 CL 195+59, 97' Lt																																											
SB US 93 CL 200+57, 36' Rt	505	2	24		106		A	.064	X				B	0.060				III	III		X	X			C-15.81				3.5					2480.82			73	31			CB-505 to End Section
SB US 93 CL 200+56, 70' Lt																							1																			
SB US 93 CL 213+41, 33' Rt	507	2	24		88		A	.064	X				B	0.060				III	III		X	X			C-15.80				4.1					2473.45			75	26			CB-507 to End Section
SB US 93 CL 213+41, 56' Lt																							1																			
SB US 93 CL 217+60, 33' Rt	510	2	24		46		A	.064	X				B	0.060				III	III		X	X			C-15.80				6.1					2476.09			22	14			CB-510 to BE-217
SB US 93 CL 217+14, 33' Rt																									Dtl DE																	
NB US 93 CL 225+69, 24' Lt	513	1	24		116		A	.064	X				B	0.060				IV	IV		X	X		≤36	C-18.10				5.0					2489.42			55	34			MH-513 to End Section
NB US 93 CL 225+18, 80' Rt																							1																			
																							5	2	1														308	197			

FILL HEIGHT RANGE TABLE (Ft.)												
RANGE NO.		1	2	3	4	5	6	7	8	9	10	11	12
FILL HEIGHT (Ft.)	>	1	3	5	8	11	15	20	25	30	40	55	70
	≤	3	5	8	11	15	20	25	30	40	55	70	90

◒ SHOULD FIELD CONDITIONS VARY FROM THE RANGE INDICATED, CONTACT DESIGN FOR RE-EVALUATION OF PIPE DESIGN REQUIREMENTS.

◪ PIPE CORRUGATION			
A	2⅔x½	D	6x2
B	3x1	E	3x1 or 9x2½
C	9x2½		

REV. DATE: MAR 2022

Registered Professional Engineer — CERTIFICATE — 36024 — BILLIE BENETDALE — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
NEW PIPE SUMMARY SHEET

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	29	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. G-4.10
TRACS NO. F0738 01C
____ OF ____

NOTE:
THE ZEROS IN PARENTHESES (0, 0.0 & 0.000) INDICATE THE DIMENSIONAL PRECISION FOR THAT COLUMN

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CPPP - CORRUGATED POLYPROPYLENE PIPE

DESCRIPTION							CSP							CAP						RCP						NRCP	NRCIPCP	CHDPEP	CPPP	END TREATMENT																		QUANTITIES			
																														Each	Catch Basin, Manhole, Headwall & Junction Structure																				
																													End Section	Ea						Ft.				Grate		Ft.						Cubic Yard			

NOTE:
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CPPP - CORRUGATED POLYPROPYLENE PIPE

DESCRIPTION							CSP						CAP				RCP									END TREATMENT															QUANTITIES				
				In.	In.	Ft.	Degree	In.	Coating				In.												In.	Each							Ft.		Grate	Ft.						Cubic Yard				
																										Catch Basin, Manhole, Headwall & Junction Structure																		
Station	Plan Reference Number	Controlling Fill Height Range	Size, Corrugated	Size, Smooth	Length (0)	Skew (0)	Corrugation	Wall Thickness (0.000)	Zinc	Bituminous Coated Zinc	Aluminum	Bituminous Coated Aluminum	Corrugation	Wall Thickness (0.000)	Uncoated	Bituminous Coated	Class - Non-Trench	Class - Trench	Class	Minimum Wall Thickness (0)	AASHTO M-294 Type S	AASHTO M-330 Type S	C-13.20 & C-13.25	C-13.25	Size, (In) Manhole	End Section Standard or Detail	Ea S-Single / D-Double	Location	H (0.0)	L Wing (0.0)	L 18" Slotted Drain (0)	L 24" Slotted Drain (0)	Type	Elevation (0.00)	In. Depth	Ft. L (0.0)	Inlet Depression C-15.70	Pipe Excavation (0)	Pipe Backfill (0) C-13.15	Drainage Excavation (0)	Berm/Dike Embankment (0)	REMARKS
SB US 93 CL 318+00, 33' Rt	528	1	28 x 20		10		A	.064	X				B	0.060											C-15.90			3.1					2583.88			6	3			CB-528 to MH-317, Dtl DJ
SB US 93 CL 317+85, 33' Rt																																									
SB US 93 CL 321+86, 33' Rt	529	1	28 x 20		9		A	.064	X				B	0.060											C-15.90			3.1					2585.90			5	3			CB-529 to MH-321, Dtl DJ
SB US 93 CL 321+72, 33' Rt																																									
SB US 93 CL 326+77, 33' Rt	530	2	24		42		A	.064	X				B	0.060				III	III		X	X			Dtl DF			5.0					2588.13			40	12			CB-530 to CBC
SB US 93 CL 326+36, 33' Rt																									Dtl DE																
SB US 93 CL 276+68, 43' Rt	535	2	24		128		A	.064	X				B	0.060				III	III		X	X			C-15.80			4.9					2540.16			153	38			CB-535 to CBC
SB US 93 CL 277+96, 33' Rt																									Dtl DE																
SB US 93 CL 281+83, 33' Rt	540	2	24		107		A	.064	X				B	0.060				III	III		X	X			C-15.80			4.5					2545.01			50	32			CB-540 to End Section
SB US 93 CL 281+84, 75' Lt																							1																		
NB US 93 CL 222+87, 9' Lt	610	1	24		89		A	.064	X				B	0.060				IV	IV		X	X			C-15.30	S		5.2					2485.70			42	26			CB-610 to End Section
NB US 93 CL 222+22, 51' Rt																							1																		
NB US 93 CL 223+37, 26' Rt	615	2	18		58		A	.064	X				B	0.060				III	III		X	X			C-15.30	S		5.3					2486.83			37	17			CB-615 to CB-610
NB US 93 CL 222+87, 9' Lt																																									
SB US 93 CL 224+02, 22' Rt	630	2	24		57		A	.064	X				B	0.060				III	III		X	X			C-15.30	S		6.9					2489.54			61	17			CB-630 to MH-225
NB US 93 CL 224+51, 19' Lt																																									
																							2	0	0																	

FILL HEIGHT RANGE TABLE (Ft.)													
RANGE NO.		1	2	3	4	5	6	7	8	9	10	11	12
FILL	>	1	3	5	8	11	15	20	25	30	40	55	70
HEIGHT (Ft.)	≤	3	5	8	11	15	20	25	30	40	55	70	90

◒ SHOULD FIELD CONDITIONS VARY FROM THE RANGE INDICATED, CONTACT DESIGN FOR RE-EVALUATION OF PIPE DESIGN REQUIREMENTS.

◪ PIPE CORRUGATION			
A	2⅔x½	D	6x2
B	3x1	E	3x1 or 9x2½
C	9x2½		

REV. DATE: MAR 2022

Registered Professional Engineer CERTIFICATE 39264 BILLIE DENETDALE 06/26/26 U.S. Signed ARIZONA, U.S.A.

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

NEW PIPE SUMMARY SHEET

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	31	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. G-4.12
TRACS NO. F0738 01C
____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	32	524	
		093 YV 189			

CSP - CORRUGATED STEEL PIPE

DESCRIPTION											CSP								END TREATMENT															QUANTITIES					
				In.	Ft.	Degree	Each	Ft.			Ft.		In.						Each			Catch Basin, Manhole, Headwall & Junction Structure													Cubic Yard					
																			End Section C-13.25						Ft.			Grade Ft.									
Station	Plan Reference Number (PE)	Controlling Fill Height Range	Size	Length In Place (0.0)	Skew (0)	Remove & Salvage End Section	Remove Headwall	Left (0.0)	Right (0.0)	Remove Existing Pipe Left (0)	Right (0)	Corrugation	Wall Thickness (0.000)	Zinc	Aluminum	Bituminous	Reset Salvaged End Section	New	Detail	Size, (In.) Manhole	Standard or Detail	S-Single / D-Double	Location	H (0.0)	L Wing (0.0)	L 18" Slotted Drain (0)	L 24" Slotted Drain (0)	Type	Elevation (0.00)	Depth In.	Depth Ft.	L (0.0)	Inlet Depression C-15.70	Pipe Excavation (0)	Pipe Backfill (0) C-13.15	Drainage Excavation (0)	Berm Embankment (0)	Dike Embankment (0)	REMARKS
Future SR 89 Sta 114+83	1	4	30	102.9	1° Lt		1	4	1		31	A	0.064	X				1																7	7				Dtl D21, See MH 128. New End Section Lt
																																						Riprap Apron Lt, Dtl DA
SR 89 Sta 119+77	2	1	24	50.1	1° Lt		1	2	2	22	28	A	0.064	X				2																33	24	3			Dtl D22, New End Section Lt & Rt
																																						Riprap Basin Lt, Dtl DR
SR 89 Sta 125+23	3	1	24	57.4	29° Lt		1	2	2	23	31	A	0.064	X				1		SD 6.30		Lt												10	9				Dtl D23, New End Section Rt
																																						Riprap Basin Lt, Dtl DR
SR 89 Sta 130+49	4	1	24	59.7	0		1		1		20	A	0.064	X				1																11	10	6			Dtl D25, New End Section Rt
																																						Riprap Apron Lt, Dtl DA
US 93 Med Sta 2141+01	5	2	24	91.8	19° Rt			8	14		12	A	0.064	X																				9	4				Dtl D2
			30	106.7	19° Rt			3		8		A	0.064	X																									See CB 106 & 107
							4											4																70	54	9			

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

PIPE CORRUGATION			
A	2⅔x½	D	6x2
B	3x1	E	3x1 or 9x2½
C	9x2½		

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

NOTE:
THE ZEROS IN PARENTHESES (0, 0.0 & 0.000) INDICATE
THE DIMENSIONAL PRECISION FOR THAT COLUMN

	NAME	DATE
DESIGN	ETW	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

Stanley Consultants INC.
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

CSP PIPE EXTENSION
SUMMARY SHEET

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C		093-B(230)T

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

DWG NO. G-4.13

OF

CSP - CORRUGATED STEEL PIPE

DESCRIPTION												CSP																END TREATMENT																		QUANTITIES					
				In.	Ft.	Degree	Each	Ft.	Ft.	In.	Each												Catch Basin, Manhole, Headwall & Junction Structure																	Cubic Yard					
								Remove Existing Pipe	Extend		End Section													Ft.			Grate	Ft.																					
											C-13.25																																							
Station	Plan Reference Number	Controlling Fill Height Range	Size	Length In Place (0.0)	Skew (0)	Remove & Salvage End Section	Remove Headwall	Left (0.0)	Right (0.0)	Left (0)	Right (0)	Corrugation	Wall Thickness (0.000)	Zinc	Aluminum	Bituminous	Reset Salvaged End Section	New	Detail	Size, (In.) Manhole	Standard or Detail	S-Single / D-Double	Location	H (0.0)	L Wing (0.0)	L 18" Slotted Drain (0)	L 24" Slotted Drain (0)	Type	Elevation (0.00)	Depth	L (0.0)	Inlet Depression C-15.70	Pipe Excavation (0)	Pipe Backfill (0) C-13.15	Drainage Excavation (0)	Berm Embankment (0)	Dike Embankment (0)	REMARKS
SB US 93 CL 199+18, 22' Rt	198	9	24	167	45 LT			25.0		46.0		A	0.064	X																										83	14				Dtl D9, See MH260, New End Section Lt
SB US 93 CL 198+86, 10' Lt																		1																										Riprap Basin Lt, Dtl DA
NB US 93 CL 208+60	209	2	24	84				14.0		100.0	14.0	A	0.064	X				1			C-15.80	S																	59	34				Dtl D6, See CB208, New End Sections Lt & Rt
																		1																										Riprap Basin Lt, Dtl DA
NB US 93 CL 260+00	261	1	24	85				26.0		103.0		A	0.064	X				1		≤36	C-18.10																			10	4				Dtl D9, See MH260, New End Section Lt
																																												Riprap Basin Lt, Dtl DA
NB US 93 CL 268+75	268	3	42	104				13.0		93.0		A	0.064	X							SD-6.30	S																	55	44				Dtl D10, See CB268, New Headw all Lt
																					Dtl DG																						Riprap Basin Lt, Dtl DA
NB US 93 CL 274+50	274	2	24	91				31.0		137.0		A	0.064	X				1		≤36	C-18.10																			100	41				Dtl D11, See MH274, New End Section Lt
																																												Riprap Basin Lt, Dtl DA
NB US 93 CL 292+11	292	1	24	89				8.0		84.0		A	0.064	X				1		≤36	C-18.10																			18	25				Dtl D13, See MH292, New End Sections Lt
																																												Riprap Basin Lt, Dtl DA
NB US 93 CL 304+61	304	3	36	103				12.0		107.0		A	0.064	X							SD-6.30	D																	78	32				Dtl D15, See CB304, New Headw all Lt
			36	103				12.0		107.0		A	0.064	X							Dtl DI																						Riprap Basin Lt, Dtl DA
NB US 93 CL 315+00, 55' Rt	316	1	42 x 29	86				27.0		108.0		A	0.064	X							SD-6.30	D																	103	34				Dtl D16, See MH 315, New Headw all Lt
			42 x 29	86				27.0		108.0		A	0.064	X							Dtl DJ																						Riprap Basin Lt, Dtl DA
SB US 93 CL 317+85, 55' Rt	318	1	49 x 33	91				27.0		98.0		A	0.064	X							SD-6.30	D																	101	30				Dtl D17, See MH317, New Headw all Lt
SB US 93 CL 317+85, 33 'Rt			49 x 33	91				27.0		98.0		A	0.064	X							Dtl DJ																						Riprap Basin Lt, Dtl DB
					0	0											0	6	0	3											0	0						607	258	0	0	0	

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

◪ PIPE CORRUGATION			
A	2⅔x½	D	6x2
B	3x1	E	3x1 or 9x2½
C	9x2½		

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

NOTE:
THE ZEROS IN PARENTHESES (0, 0.0 & 0.000) INDICATE
THE DIMENSIONAL PRECISION FOR THAT COLUMN

REV. DATE: 10/06/2015

Registered Professional Engineer — CERTIFICATE — Billie Denetdale — Date Signed 06/26/26 — Arizona, U.S.A.

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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AECOM
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
NEW CORRUGATED STEEL PIPE EXTENSIONS SUMMARY SHEET

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	33	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. G-4.14
	TRACS NO. F0738 01C					____ OF ____

KEATON.LEANDER 1/22/2026 9:05:29 AM c:\pwworking\usaz\dms09621\f0738_sp05.dgn \ Model Name: f0738_sp06

CSP - CORRUGATED STEEL PIPE

DESCRIPTION												CSP																END TREATMENT																QUANTITIES	
Station	Plan Reference Number	Controlling Fill Height Range	Size	Length In Place (0.0)	Skew (0)	Remove & Salvage End Section	Remove Headwall	Left (0.0)	Right (0.0)	Left (0)	Right (0)	Corrugation	Wall Thickness (0.000)	Zinc	Aluminum	Bituminous	Reset Salvaged End Section	New	Detail	Size, (In.) Manhole	Standard or Detail	S-Single / D-Double	Location	H (0.0)	L Wing (0.0)	L 18" Slotted Drain (0)	L 24" Slotted Drain (0)	Type	Elevation (0.00)	Depth	L (0.0)	Pipe Excavation (0)	Pipe Backfill (0) C-13.15	Drainage Excavation (0)	Berm Embankment (0)	Dike Embankment (0)	REMARKS
			PE	In.	Ft.	Degree	Each	Ft.	Ft.	In.	Each	Ft.								Each	Ft.	Grate	Ft.	In.	Ft.				Cubic Yard								
								Remove Existing Pipe	Extend		End Section C-13.25	Catch Basin, Manhole, Headwall & Junction Structure																	Inlet Depression C-15.70								
NB US 93 CL 321+72, 55' Rt	322	1	42	101				34.0		94.0		A	0.064	X						SD-6.30	D											104	32				Dtl D18, See MH321, New Headw all Lt
			42	101				34.0		94.0		A	0.064	X						Dtl DJ																	Culvert Outlet Dtl DB

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	35	524	

093 YV 189

DESCRIPTION														END TREATMENT												LENGTH OF BARREL & BARREL EXTENSIONS										APPROXIMATE QUANTITIES									
																WINGS			APRONS			MISCELLANEOUS				Construction ℄				Existing & Construction ℄								Lbs.	Ea.	Cubic Yards							
Plan Reference Number ◯ & (#)	Structure Number	New	Extend	Number of Barrels	Barrel Span (0.0)	Barrel Height (0.0)	Culvert Length (0.0)	Skew (Degree) (0)	SD 6.01 Miscellaneous Details	SD 6.01 Extension Details	◪ Standard or Detail	▼ Location	Inlet Wings	Outlet Wings	◪ Standard or Detail	Apron	◪ Standard or Detail	Scour/Bank Protection	◪ Standard or Detail	Energy Dissipators	Detail	I	II	III	IV	V	V	IV	III	II	I	Linear Feet (0.0) ▲ Left of ℄					▲ Right of ℄					◑ Reinforcing Steel (0)	◑ Place Dowels	◑ Class S Concrete f'c=3,000 PSI	◑ Remove Str Concrete (0)	◑ Structural Excavation (0)	◑ Structure Backfill (0)	Berm Embankment (0)	Dike Embankment (0)	Drainage Excavation (0)	REMARKS
1	N/A		X	2	6	7	309	30° Lt	X	X	SD 6.02	Left		X	SD 6.08	X	SD 6.11				X	DR	48	135													44253	11	279	2	177	385				Detail D3
Station: US 93 Med Sta 2156+28												Right																																		Pipe Penetrations, Detail DE
Existing: 2 - 6' x 7' x 126' RCBC																																	Box Culvert Total							44253	11	279	2	177	385				
												Left																																			
Station:												Right																																			
Existing:																																	Box Culvert Total													
												Left																																			
Station:												Right																																			
Existing:																																	Box Culvert Total													
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Existing:																																	Box Culvert Total													
												Left																																			
Station:												Right																																			
Existing:																																	Box Culvert Total													
																																	Sheet Total							44253	11	279	2	177	385				

NOTE:
THE ZEROS IN PARENTHESES (0, 0.0 & 0.00) INDICATE THE DIMENSIONAL PRECISION FOR THAT COLUMN

◑ TOTALS SHOWN FOR THE BOX CULVERT INCLUDE THE QUANTITIES FOR HEADWALLS, WINGS, APRONS, CURBS, CUT-OFF WALLS AND LAPS AT CONSTRUCTION JOINTS.

NOTE:
FOR STRUCTURAL EXCAVATION, STRUCTURE BACKFILL PLACEMENT AND MEASUREMENT, SEE STRUCTURE DETAIL DRAWING SD 6.01 (4 OF 5)

◪ BRIDGE GROUP STRUCTURE DETAIL DRAWINGS SD 6.01 TO SD 6.11 TO SD 6.20

▲ CONSTRUCTION ℄ LOOKING AHEAD

	NAME	DATE
DESIGN	ETW	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

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Phone: (602) 333-2200

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

REINFORCED CONC BOX CULVERT AND BOX CULVERT EXTENSION SUMMARY SHEET

Registered Professional Engineer (Civil) 46727 DIANA B. KELLY Date Signed 06/26/2026 ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. G-4.16
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

Plan Reference Number	Structure Number	New	Extend	Number of Barrels	Barrel Span (0.0)	Barrel Height (0.0)	Culvert Length (0.0)	Skew (Degree) (0)	SD 6.01 Miscellaneous Details	SD 6.01 Extension Details	Standard or Detail	Location	Inlet Wings	Outlet Wings	Standard or Detail	Apron	Standard or Detail	Scour/Bank Protection	Standard or Detail	Energy Dissipators	Detail	I	II	III	IV	V	V	IV	III	II	I	Reinforcing Steel (0)	Place Dowels	Class S Concrete f'c=3,000 PSI	Remove Str Concrete (0)	Structural Excavation (0)	Structure Backfill (0)	Berm Embankment (0)	Dike Embankment (0)	Drainage Excavation (0)	REMARKS
																						DESCRIPTION																						END TREATMENT																		

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	37	524	
		093 YV 189			

Plan Reference No.	LOCATION						FENCING		GATES				NOTES
	Begin ◑			End ◑			Standard Detail C-12.10						
	Reference	Station	Offset	Reference	Station	Offset	Type 2 BW Fence Std C-12.10 (LF)	Type 2 BW Fence Std C-12.10 (LF)	Flood Gate (LF)	Type 1 Single 14' (Each)	Type 2 Single 14' (Each)	Station / Offset at Gate Center	◑ Stations and offsets are approximate. Reference Standard Details for location.
20	US 93 Med Cst CL	2125+13.33	90' LT	US 93 Med Cst CL	2126+02.93	90' LT			74				Match Exst at Begin and End
30	US 93 Med Cst CL	2133+50.89	179' LT	SB US 93 Cst CL	190+00.00	129' LT	3794						Match Exst at Begin; Match Fence 210 at End
50	Future SR 89 Cst CL	113+32.61	50' RT	SR 89 Cst CL	130+87.74	108' RT	1817						Match Exst at Begin and End
51	SR 89 Cst CL	114+21.50	92' LT	SR 89 Cst CL	115+47.74	61' LT	171						Match Exst at Begin and End
52	SR 89 Cst CL	118+41.90	58' LT	SR 89 Cst CL	121+35.00	57' LT	313						Match Exst at Begin and End
53	SR 89 Cst CL	124+77.77	55' LT	SR 89 Cst CL	125+12.11	54' LT	41						Match Exst at Begin and End
54	SR 89 Cst CL	127+91.51	50' LT	SR 89 Cst CL	128+43.00	50' LT	60						Match Exst at Begin and End
55	SR 89 Cst CL	130+31.85	50' LT	SR 89 Cst CL	130+72.45	51' LT	50						Match Exst at Begin and End
80	Wickenburg Ranch Way	74+63.94	23' LT	Wickenburg Ranch Way	74+64.15	42' LT	20						Match Cattle Guard at Begin; Match Fence 81 at End
81	Wickenburg Ranch Way	74+64.15	42' LT	Wickenburg Ranch Way	74+90.87	48' LT	28						Match Fence 80 at Begin; Match Exst at End
82	Wickenburg Ranch Way	74+64.10	23' RT	Wickenburg Ranch Way	74+64.18	43' RT	20						Match Cattle Guard at Begin; Match Exst at End
						SHEET TOTAL	6,314		74				

NOTE:
See Dwg No. C-7.01 to C-7.05 and C-7.19 to C-7.23 for locations.

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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Phone: (602) 333-2200

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

FENCE SUMMARY SHEET

Registered Professional Engineer (Civil) 46727 DIANA B. KELLY Date Signed 06/30/26 ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. C-4.18
TRACS NO. F0738 01C		093-B(230)T ___ OF ___

Plan Reference No.	LOCATION						FENCING		GATES				NOTES
	From ◑			To ◑					Standard Detail C-12.10				
	Reference	Station	Offset	Reference	Station	Offset	BW Game Fence Detail F	Type 2 BW Fence Std C-12.10	Flood Gate (LF)	Type 1 Single 14' (Each)	Type 2 Single 14' (Each)	Station / Offset @ Gate Center	◑ Stations and offsets are approximate. Use ROW Projects (Tracs Nos. 093 YV 190 F0738/093-B(0)T) for exact locations.
112	NB US 93 Cst CL	217+49	60' Rt	NB US 93 Cst CL	217+38	74' Rt	18'				1	217+34, 80' Rt	
113	NB US 93 Cst CL	217+30	86' Rt	NB US 93 Cst CL	217+17	103' Rt	22'						
115	NB US 93 Cst CL	218+13	52' Rt	NB US 93 Cst CL	219+87	100' Rt	181'						
116	Nine Irons Ranch Rd	20+71	110' Rt	Nine Irons Ranch Rd	21+04	92' Rt		52'					
117	Nine Irons Ranch Rd	21+04	92' Rt	Nine Irons Ranch Rd	21+99	42' Rt		143'					
118	Nine Irons Ranch Rd	21+99	42' Rt	Nine Irons Ranch Rd	21+99	35' Rt		7'		1		21+99, 28' Rt	
119	Nine Irons Ranch Rd	21+99	21' Rt	Nine Irons Ranch Rd	21+99	20' Rt	2'						
121	Nine Irons Ranch Rd	21+99	18' Lt	Nine Irons Ranch Rd	21+99	75' Lt		58'					
122	East Frontage Rd	113+95	172' Lt	East Frontage Rd	128+00	51' Lt		1552'					
124	East Frontage Rd	128+00	50.5' Lt	East Frontage Rd	128+21	60' Lt		23'					
125	East Frontage Rd	128+58	60' Lt	East Frontage Rd	128+80	51' Lt		24'					
126	East Frontage Rd	128+80	50.5' Lt	East Frontage Rd	161+66	31' Lt		3225'					
143	East Frontage Rd	161+66	31' Lt	East Frontage Rd	161+76	19' Lt		16'					
144	East Frontage Rd	161+67	34' Rt	East Frontage Rd	161+76	19' Rt		18'					
145	NB US 93 Cst CL	273+94	99.5' Rt	NB US 93 Cst CL	275+44	100' Rt		150'					
146	NB US 93 Cst CL	276+62	98' Rt	NB US 93 Cst CL	277+38	71' Rt	81'				1	277+45, 69' Rt	
147	NB US 93 Cst CL	277+51	67' Rt	NB US 93 Cst CL	277+89	54' Rt	40'						
149	NB US 93 Cst CL	278+28	54' Rt	NB US 93 Cst CL	279+30	149' Rt	139'						
152	NB US 93 Cst CL	326+19	69' Rt	NB US 93 Cst CL	326+42	55' Rt	27'				1	326+16,73' Rt	
153	NB US 93 Cst CL	327+02	57' Rt	NB US 93 Cst CL	327+50	85' Rt	56'						
						SHEET TOTAL	566'	5266'	0'	1	3		

NOTE:
See Dwg No. C-7.06 to C-7.018 for locations.

Registered Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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

FENCE SUMMARY

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	38	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. G-4.19
TRACS NO. F0738 01C
____ OF ____

c:\pwworking\usaz\dms08894\f0738_fsum01.dgn
6/23/2026 @5:15:02 PM jason.heredia

Plan Reference No.	LOCATION						FENCING		GATES				NOTES
	From ◑			To ◑			BW Game Fence Detail F	Type 2 BW Fence Std C-12.10	Standard Detail C-12.10				◑ Stations and offsets are approximate. Use ROW Projects (Tracs Nos. 093 YV 190 F0738/093-B(0)T) for exact locations.
	Reference	Station	Offset	Reference	Station	Offset			Flood Gate (LF)	Type 1 Single 14' (Each)	Type 2 Single 14' (Each)	Station / Offset @ Gate Center	
210	SB US 93 Cst CL	190+00	130' Lt	SB US 93 Cst CL	194+04	130' Lt	405'						
211	SB US 93 Cst CL	194+04	130' Lt	SB US 93 Cst CL	194+04	180' Lt	50'						
212	SB US 93 Cst CL	194+04	180' Lt	SB US 93 Cst CL	195+64	180' Lt	160'		131'				FLOOD GATE - STA 194+33 TO 195+64
213	SB US 93 Cst CL	194+64	180' Lt	SB US 93 Cst CL	196+15	130' Lt	72'						
214	SB US 93 Cst CL	196+15	130' Lt	SB US 93 Cst CL	196+13	121' Lt	9'				1	196+12, 117' Lt	
215	SB US 93 Cst CL	196+09	108' Lt	SB US 93 Cst CL	196+05	95' Lt	13'						
216	SB US 93 Cst CL	196+05	95' Lt	SB US 93 Cst CL	195+62	104' Lt	45'						
217	SB US 93 Cst CL	194+82	104' Lt	SB US 93 Cst CL	195+12	96' Lt	31'						
218	SB US 93 Cst CL	194+71	141' Lt	SB US 93 Cst CL	194+82	104' Lt	38'				1	194+67, 147' Lt	
219	SB US 93 Cst CL	194+62	151' Lt	SB US 93 Cst CL	194+33	180' Lt	40'						
220	SB US 93 Cst CL	200+39	80.5' Lt	SB US 93 Cst CL	200+40	89' Lt	9'				1	200+41, 96' Lt	
221	SB US 93 Cst CL	200+42	103' Lt	SB US 93 Cst CL	200+42	108' Lt	5'						
222	SB US 93 Cst CL	198+79	130' Lt	SB US 93 Cst CL	201+00	100' Lt	224'						
223	SB US 93 Cst CL	201+00	100' Lt	SB US 93 Cst CL	215+00	100' Lt	1404'						
224	SB US 93 Cst CL	215+00	100' Lt	SB US 93 Cst CL	215+16	92' Lt	18'				1	215+21, 89' Lt	
225	SB US 93 Cst CL	215+29	86' Lt	SB US 93 Cst CL	215+90	58' Lt	67'						
226	SB US 93 Cst CL	215+00	100' Lt	SB US 93 Cst CL	215+00	165' Lt	65'						
227	SB US 93 Cst CL	215+00	165' Lt	SB US 93 Cst CL	217+00	165' Lt	200'		200'				FLOOD GATE - STA 215+00 TO 217+00
228	SB US 93 Cst CL	217+00	165' Lt	SB US 93 Cst CL	217+00	100' Lt	65'						
229	SB US 93 Cst CL	216+37	90' Lt	SB US 93 Cst CL	217+00	100' Lt	63'						
230	SB US 93 Cst CL	217+00	100' Lt	SB US 93 Cst CL	222+64	100' Lt	564'						
231	SB US 93 Cst CL	222+64	100' Lt	SB US 93 Cst CL	222+82	125' Lt	31'						
232	SB US 93 Cst CL	222+82	125' Lt	SB US 93 Cst CL	222+87	127' Lt	5'			1		18+61, 28' Rt Moreton Rd	
233	SB US 93 Cst CL	223+37	143' Lt	SB US 93 Cst CL	223+54	149' Lt	18'						
234	SB US 93 Cst CL	273+91	79' Lt	SB US 93 Cst CL	274+22	79' Lt	31'			1		274+34, 79' Lt	
235	SB US 93 Cst CL	274+46	79' Lt	SB US 93 Cst CL	274+89	79' Lt	43'						
236	SB US 93 Cst CL	276+59	79' Lt	SB US 93 Cst CL	276+65	79' Lt	7'						
237	SB US 93 Cst CL	276+65	79' Lt	SB US 93 Cst CL	276+86	79' Lt	23'				1	276+93, 67' Lt	
238	SB US 93 Cst CL	276+99	64' Lt	SB US 93 Cst CL	277+18	55' Lt	21'						
242	SB US 93 Cst CL	277+69	56.25' Lt	SB US 93 Cst CL	278+52	79' Lt	86'						
243	SB US 93 Cst CL	278+52	79' Lt	SB US 93 Cst CL	279+71	178' Lt	155'						
244	SB US 93 Cst CL	279+71	178' Lt	SB US 93 Cst CL	280+21	178' Lt	48'						
246	SB US 93 Cst CL	323+30	173' Lt	SB US 93 Cst CL	324+34	118' Lt	117'				1	324+40, 116' Lt	
247	SB US 93 Cst CL	324+47	112' Lt	SB US 93 Cst CL	325+61	55' Lt	128'						
249	SB US 93 Cst CL	327+03	169' Lt	SB US 93 Cst CL	326+20	54' Lt	142'						
						Sheet Total	4399'	0'	331'	2	6		
						PROJECT TOTAL	4965'	5266'	331'	3	9		

NOTE:
See Dwg No. C-7.06 to C-7.018 for locations.

Professional Engineer — 26609 — DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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

FENCE SUMMARY

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	39	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. G-4.20
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	40	524	
		093 YV 189			

NOTE:
THE ZEROS IN PARENTHESES (0, 0.0 & 0.000) INDICATE THE DIMENSIONAL PRECISION FOR THAT COLUMN

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

NOTE:
PIPE OPTIONS SELECTED ARE THOSE REQUIRED TO MEET MINIMUM SERVICE LIFE.
ALLOWABLE PIPE OPTIONS ARE INDICATED WITH THE LETTER 'X' IN THE SPACE. BLANK SPACES ARE NOT ALLOWABLE ALTERNATES.

CSP - CORRUGATED STEEL PIPE
CAP - CORRUGATED ALUMINUM PIPE
BSP - BLACK STEEL PIPE
CHDPEP - CORRUGATED HIGH-DENSITY POLYETHYLENE PIPE
CPPP - CORRUGATED POLYPROPYLENE PIPE

DESCRIPTION									CSP				CAP		BSP		CHDPEP	CPPP
				In.	Ft.	Degree			In.	Coating			In.		In.			
Station	Plan Reference Number	◒ Controlling Fill Height Range	C-Corrugated / S-Smooth	Size	Length (0)	Skew (0)	C-16.40 Irrigation Sleeve Detail J	◪ Corrugation	Wall Thickness (0.000)	Zinc	Bituminous Coated Zinc	Aluminum	Bituminous Coated Aluminum	◪ Corrugation	Wall Thickness (0.000)	Uncoated	Bituminous Coated	Size (0)	Wall Thickness (0.000)	AASHTO M-294 Type S	AASHTO M-330 Type S		
US 93 MED CST CL	2	1	C		52		X																
2148+61.37			S	12																	X		
US 93 MED CST CL	3	1	C		49		X																
2149+92.83			S	12																	X		
Wickenburg Ranch Way	4	2	C		80			X															
73+98			S	12																X	X		
Wickenburg Ranch Way	5	5	C		80			X															
74+03			S	12																X	X		
Wickenburg Ranch Way	6	2	C		80			X										18	0.375				
74+09			S	18																			
Wickenburg Ranch Way	7	2	C		80			X										24	0.375				
74+20			S	24																			
Wickenburg Ranch Way	8	2	C		80			X										24	0.375				
74+28			S	24																			
Matthie Ranch Rd	9	3	C		68			X										24	0.375				
25+50			S	24																			
			C																				
			S																				
			C																				
			S																				
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			C																				
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			C																				
			S																				
			C																				
			S																				
Sheet Total					569																		

DESCRIPTION									CSP				CAP		BSP		CHDPEP	CPPP
				In.	Ft.	Degree			In.	Coating			In.		In.			
Station	Plan Reference Number	◒ Controlling Fill Height Range	C-Corrugated / S-Smooth	Size	Length (0)	Skew (0)	C-16.40 Irrigation Sleeve Detail	◪ Corrugation	Wall Thickness (0.000)	Zinc	Bituminous Coated Zinc	Aluminum	Bituminous Coated Aluminum	◪ Corrugation	Wall Thickness (0.000)	Uncoated	Bituminous Coated	Size (0)	Wall Thickness (0.000)	AASHTO M-294 Type S	AASHTO M-330 Type S		
			C																				
			S																				
			C																				
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			C																				
			S																				
Sheet Total																							

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

◪ PIPE CORRUGATION			
A	2⅔x½	D	6x2
B	3x1	E	3x1 or 9x2½
C	9x2½		

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

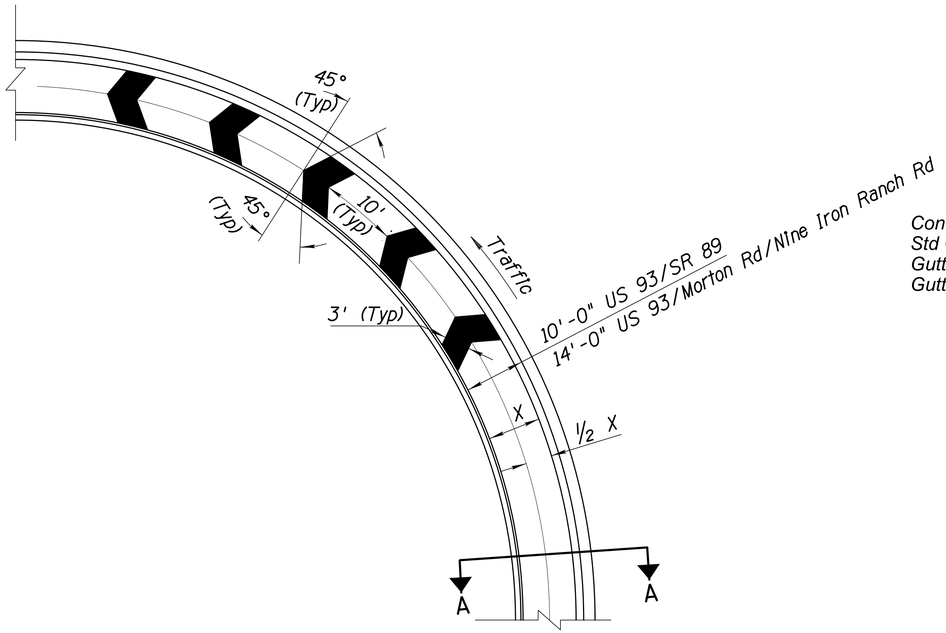
Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

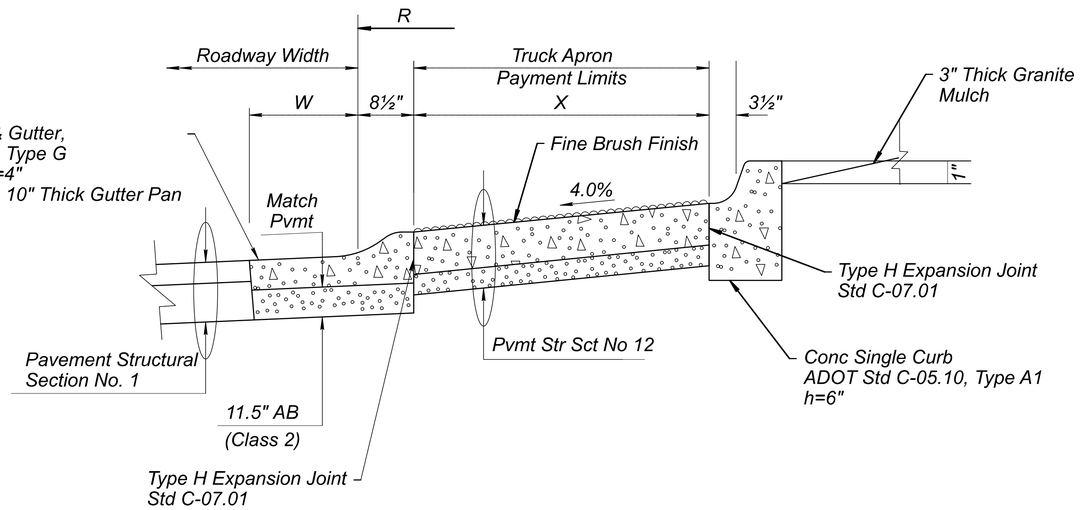
NEW PIPE SLEEVE SUMMARY SHEET

Registered Professional Engineer, Civil
86727
DIANA B. KELLY
This Sheet Approved
ARIZONA, U.S.A.

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG NO. G-4.21
TRACS NO. F0738 01C
093-B(230)T
OF

REV. DATE: 05/03/2010





SECTION A-A

Roundabout Location	Truck Apron Width X	Gutter Width W	R
US 93/SR 89	9.29'	2.0'	82.50'
US 93/ Moreton Rd & Nine Irons Ranch Rd	13.0'	1.0'	59.00'

DETAIL A

TRUCK APRON FOR ROUNDABOUT

NOTES:

1. See Plans for Limits of Roundabout Truck Aprons and Geometric Control.
2. Concrete Curb & Gutter (C-05.10) (Type G) will be Measured and Paid for under Item No. 9080085 and 9080086.
3. Aggregate Base (Class 2) under curb and gutter and apron will be Measured and Paid for under Item No. 3030022.
4. Chevrons are to be Stained Concrete Per Item No. 9080245. No Measurement or direct Payment will be made for Chevrons, the cost being considered as Included in the cost of the truck apron.
5. Truck apron will be measured and paid for under Item No. 9080245.
6. See Dwg C-6.04 for joint types and spacing for both roundabouts at US 93/SR 89 and at US 93/Moreton Rd & Nine Irons Ranch Rd.
7. Concrete for Curb and Gutter, Type G, shall be Class S (f'c = 4000 psi)

Registered Professional Engineer
26609
DALE WIGGINS
Date Signed Electronically
ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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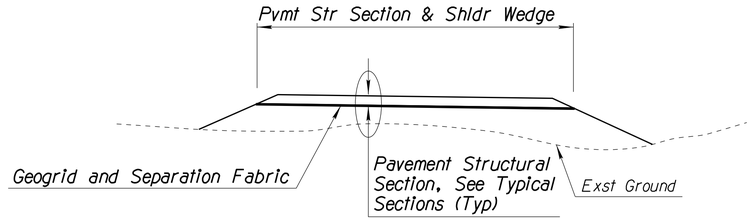
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

DETAIL SHEET
DETAIL A

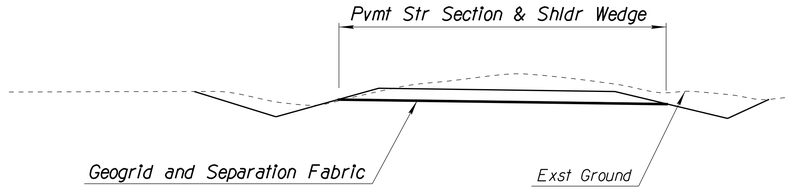
ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	41	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. G-5.01
STRUCTURE NO.	TRACS NO. F0738 01C						___ OF ___

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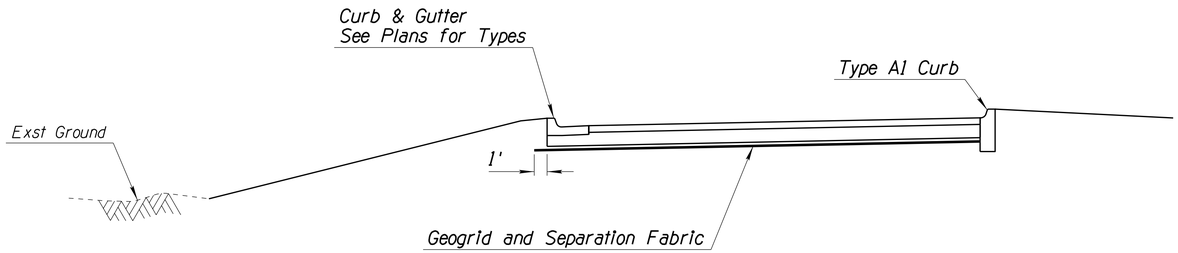
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	42	524	
		093 YV 189			



FILL CONDITION



CUT CONDITION



GEOGRID LIMITS

Scale: NTS

GEOGRID LIMITS TABLE	
Roadway Segment	*Station Limits*
SR 89	*108+46.75 - 120+00*

NOTE:

Geogrid will be Measured and Paid for under Item No. 3060001.
Separation Fabric will be Measured and Paid for under Item No. 2080001.

DETAIL B

GEOGRID & SEPARATION FABRIC LIMITS

	NAME	DATE
DESIGN	MWD	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

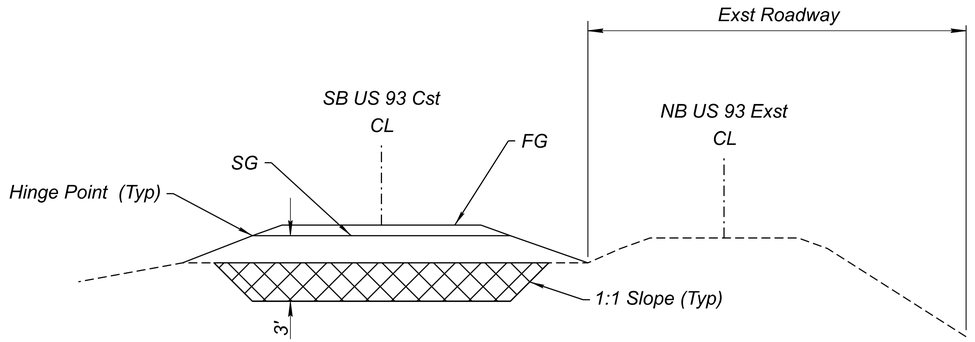
Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

DETAIL SHEET
DETAIL B

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. G-5.02
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

OVER-EXCAVATION LOCATIONS			
	From Station	*To Station*	*Excavation (CY)*
SB US 93 Cst CL	*242+75.00*	*258+75.00*	*1905*
SB US 93 Cst CL	*336+45.00*	*341+10.00*	*584*
		TOTAL:	*2489*



Pay Limits for Over-Excavation of unsuitable pavement subgrade Included in Roadway Excavation

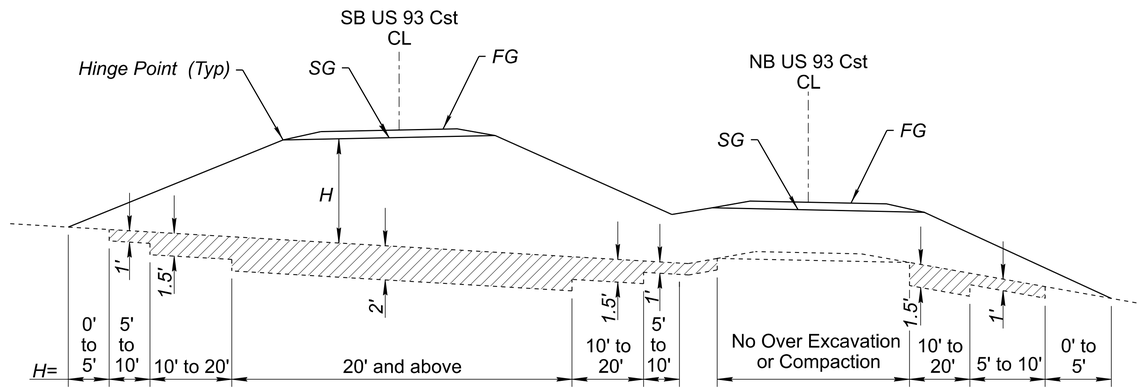
Notes:

1. *Unsuitable pavement subgrade materials may be placed below 3' of finished subgrade in pavement areas, or outside of pavement areas. They do not need to be hauled offsite.*

The following locations shall have the existing material removed and recompacted:

OVER EXCAVATION LOCATIONS				
	From Station	*To Station*	*Estimated Max Height 'H' (Ft)*	*Excavation (CY)*
SB US 93 Cst CL	*192+70.00*	*196+50.00*	*34.84*	*2829*
SB US 93 Cst CL	*200+10.00*	*200+34.00*	*22.47*	*122*
			TOTAL:	*2951*

Pay Limits for Over-Excavation of pavement subgrade Included in Roadway Excavation



Notes:

1. *These materials can be reused as compacted fill.*
2. *These materials may be used in for subgrade if they meet the design R-value.*

DETAIL C
OVER EXCAVATION AREAS

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

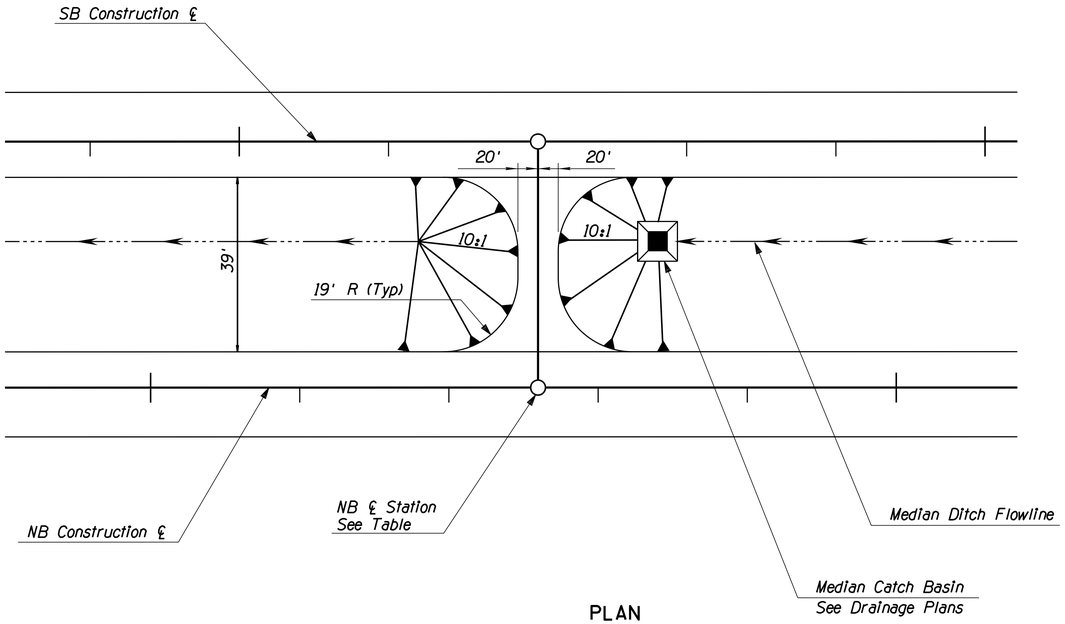
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Registered Professional Engineer — 26609 DALE WIGGINS — Civil — Date Signed 06/26/26 — ARIZONA, U.S.A.

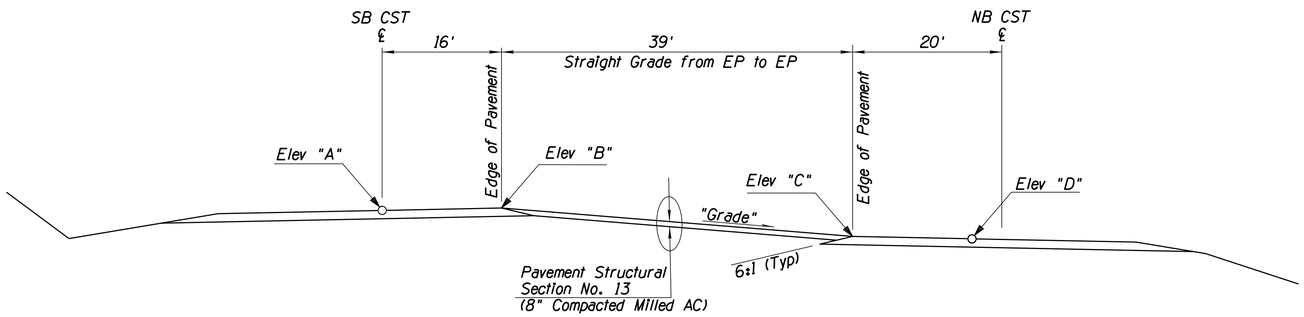
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

DETAIL SHEET
DETAIL C

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	43	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. G-5.03
	TRACS NO. F0738 01C					____ OF____



PLAN



PROFILE

EMERGENCY CROSSOVER GRADE CONTROL						
Station	"Grade"	Elev "A"	Elev "B"	Elev "C"	Elev "D"	8" Compacted Milled AC (SQ YD)
SB 317+52.53	10.9744%	2585.97	2585.54	2581.26	2585.05	113.00

DETAIL D

EMERGENCY CROSSOVER

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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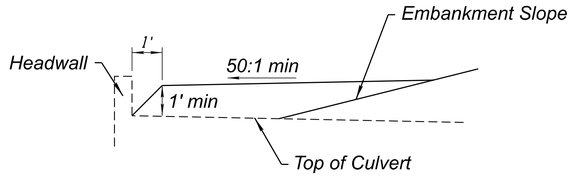
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

DETAIL SHEET
DETAIL D

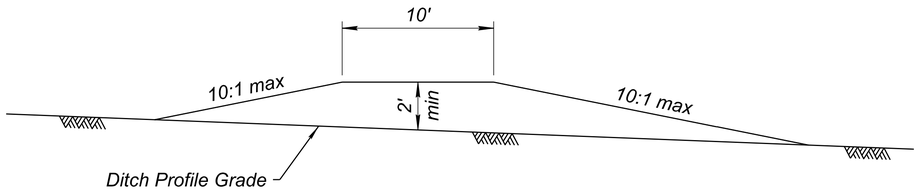
ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	44	524	
MILEPOST 189.9	LOCATION	WICKENBURG RANCH WAY TO VISTA ROYALE				DWG No. G-5.04
STRUCTURE NO.	TRACS NO.	F0738 01C				___ OF___

F.H.W.A. Arizona Division

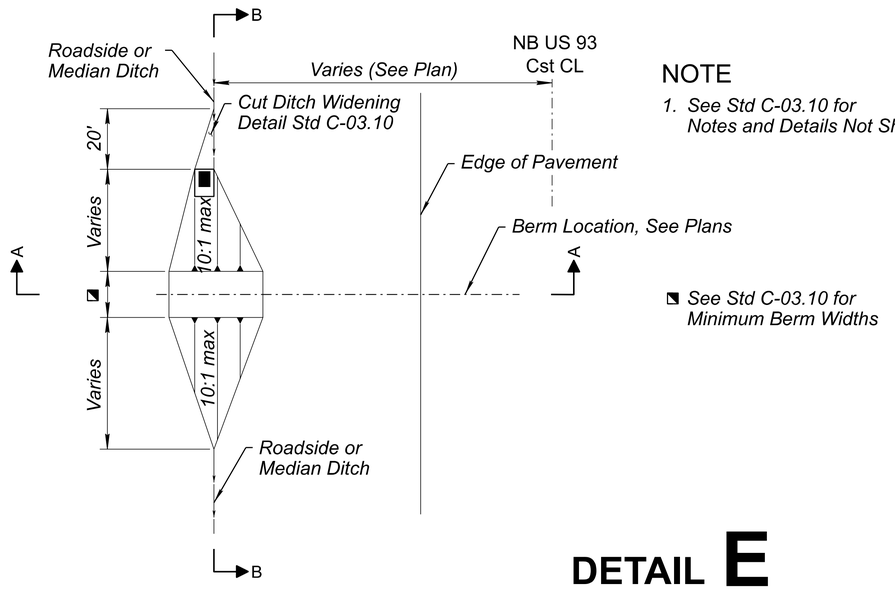
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6/23/2026 @5:09:56 PM jason.heredia



SECTION A-A
(OUTSIDE SLOPES AT BOX CULVERTS)



SECTION B-B
(TRANSVERSE DITCH DIKE)



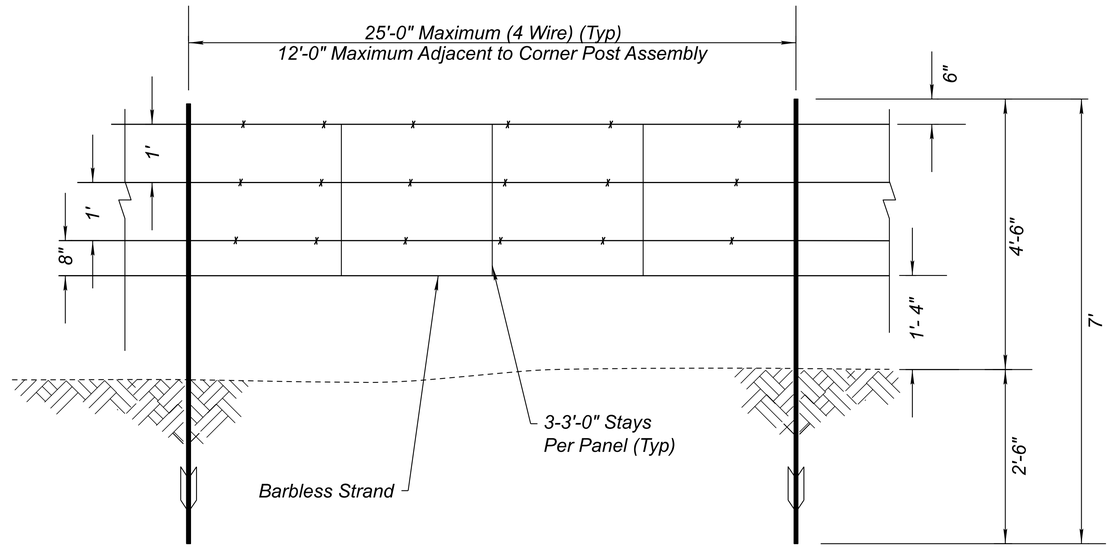
PLAN (MEDIAN)

NOTE

1. *See Std C-03.10 for Notes and Details Not Shown.*

See Std C-03.10 for Minimum Berm Widths

DETAIL E
BERM DETAILS



MODIFIED BW GAME FENCE

GENERAL NOTES

1. *Intermediate Post Assemblues shall be located as show and at Intervals not to exceed 650' , or midway between all braced posts.*
2. *The stays on the fence shall have their ends turned up to prevent injuries to game.*
3. *Fence Wire shall be placed on the side of the line posts away from the main roadway.*
4. *Modified BW Game Fence shall be used at all Flood Gate Fence Crossing.*

DETAIL F
MODIFIED BW GAME FENCE

Registered Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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

DETAIL SHEET
DETAIL E & F

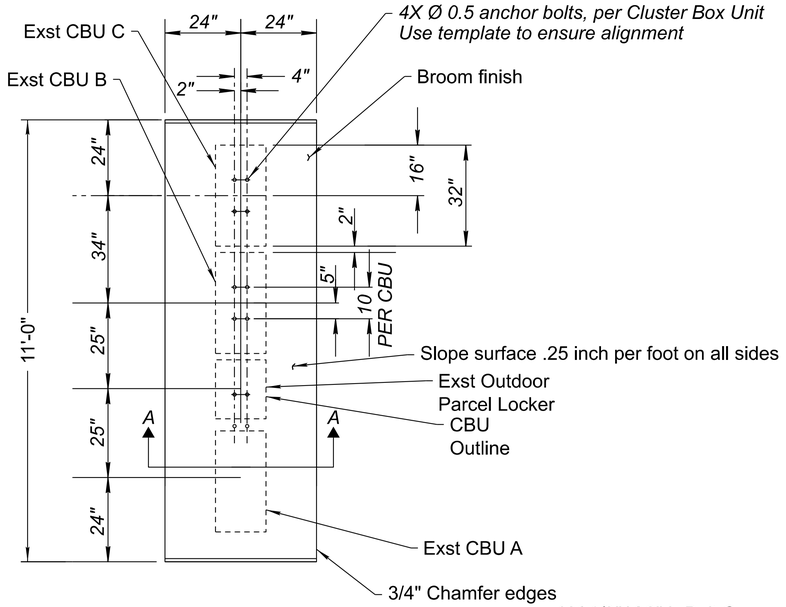
ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

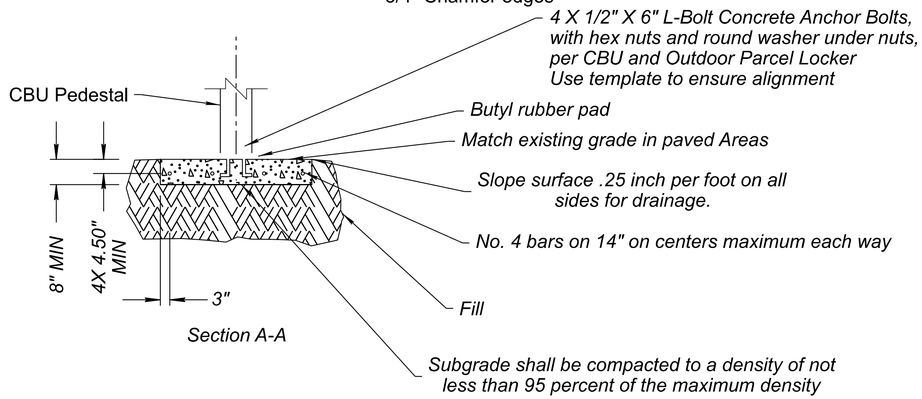
F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	45	524	

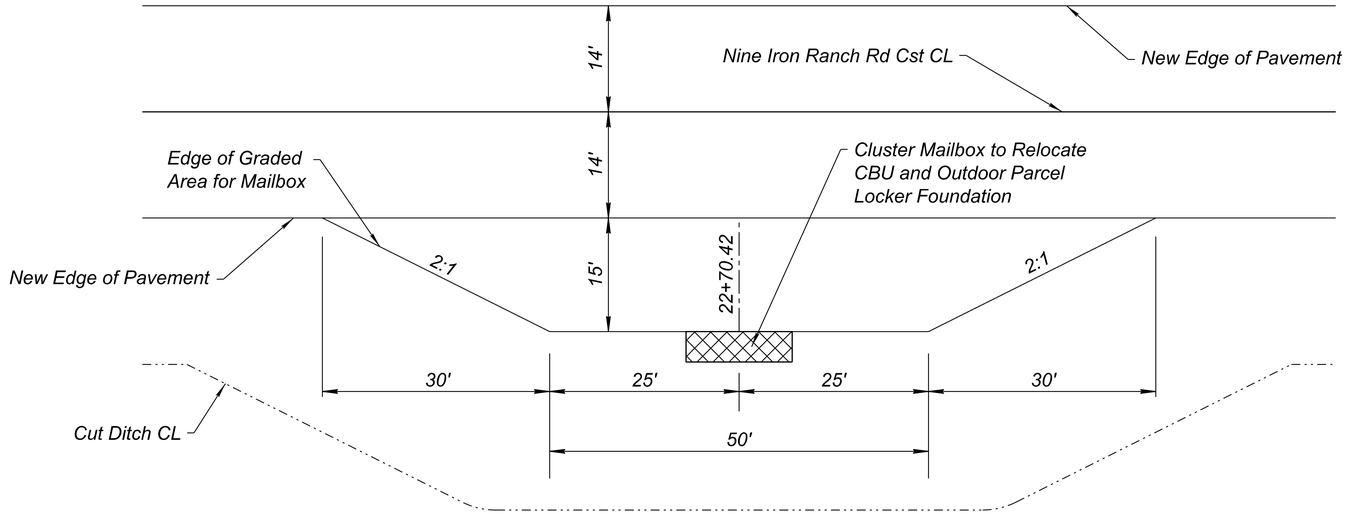
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. G-5.05
TRACS NO. F0738 01C
____ OF ____

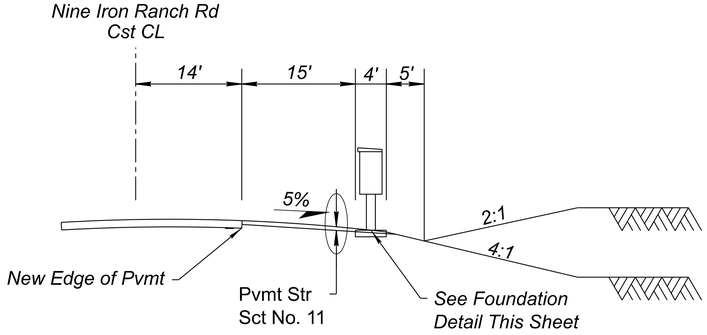
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Foundation Detail





REMOVE AND RELOCATE CLUSTER MAILBOX - 9240121			
Remove Exst US 93 Cst CL		*Relocate Nine Irons Ranch Rd Cst CL*	*Number of Cluster Boxes (CBU)*
Station	*Offset*	Station	
225+75	*92' RT*	*22+70*	*4*

NOTES:

1. *The foundation shall be Class B concrete*
2. *Reinforcing steel bars shall conform to the requirements of Section 1003 of the specifications.*
3. *Anchor bolts, nuts and washers shall be galvenized in accordance with the requirements of ASTM A153. The weight of the coating shall be as specified in ASTM A1 53.*
4. *This work will be paid for under item No. 9240121 Miscellaneous work (remove and relocate cluster mailbox unit)*

DETAIL G

CLUSTER MAILBOX RELOCATION

Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

DETAIL SHEET
DETAIL G

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	46	524	

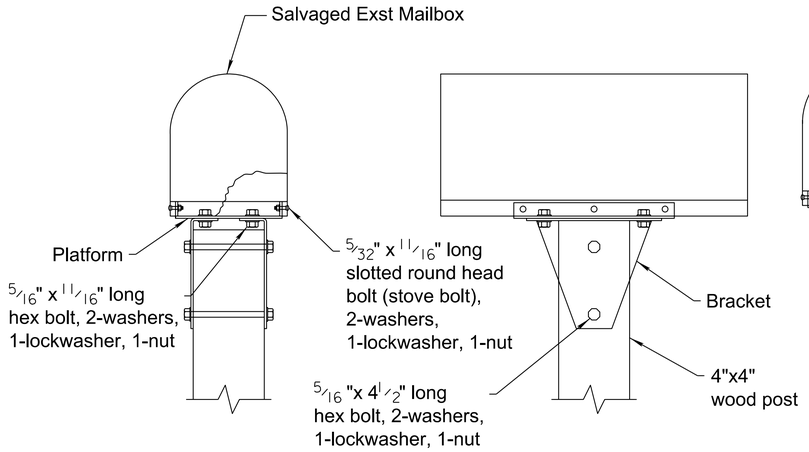
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. G-5.06

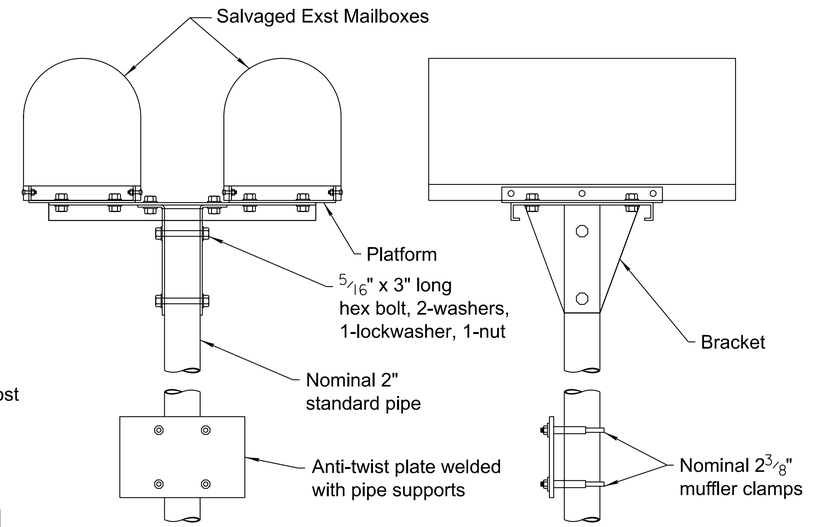
TRACS NO. F0738 01C

____ OF____

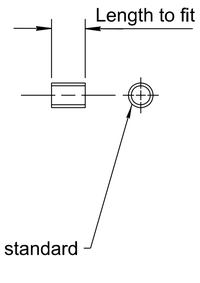
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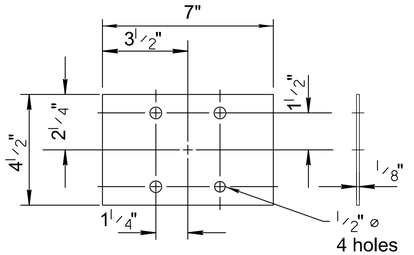


SINGLE MAILBOX INSTALLATION

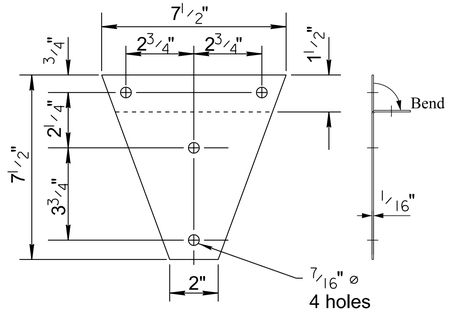


DOUBLE MAILBOX INSTALLATION

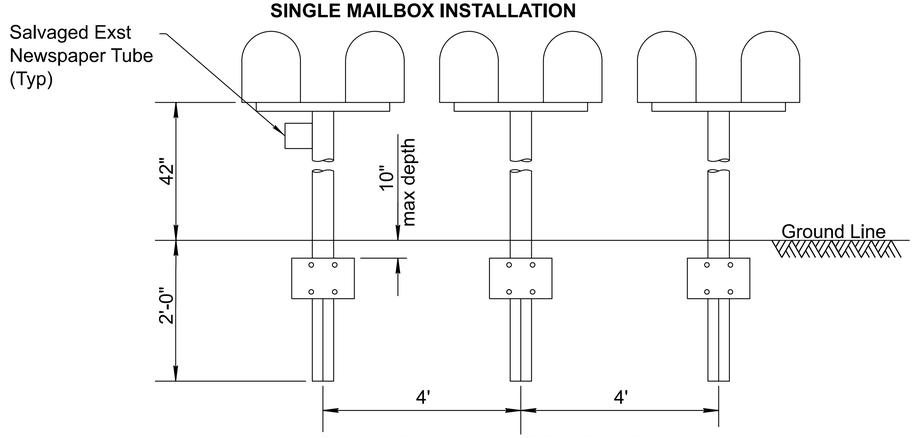




ANTI-TWIST PLATE



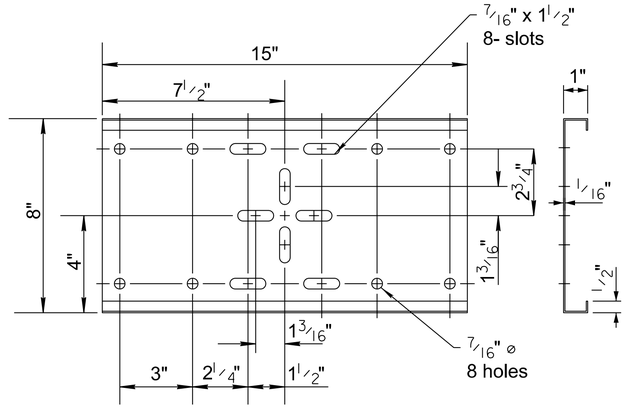
BRACKET



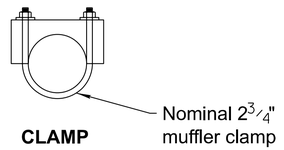
SPACING FOR MULTIPLE POST INSTALLATION

REMOVE AND RELOCATE EXISTING MAILBOXES - 9240122							
EXISTING			*PROPOSED*		*Salvage Existing Steel Post*	*Single Installation with New Wood Post*	*Double Installation with New Steel Post*
Station	*Offset*	*Salvage Number of Boxes*	*Frontage Rd Station*	*Address*			
226+14	*68' RT*	*2*	*24+70, Lt**	*35150 34283*			*X*
242+58	*60' RT*	*1*	*130+25, Rt*	*35395*	*X*		
245+77	*46' RT*	*1*	*133+66, Rt*	*35365*		*X*	
248+04	*61' RT*	*1*	*136+31, Rt*	*35325*		*X*	
250+68	*48' RT*	*1*	*139+27, Rt*		*X*		
257+45	*71' RT*	*4*	*142+60, Rt*	*35265*		*X*	
			145+63, Rt	*35245*		*X*	
			147+56, Rt	*35225*			*X*
266+56	*62' RT*	*1*		*35119*	*X*		
266+56	*60' RT*	*1*		*35111*	*X*		

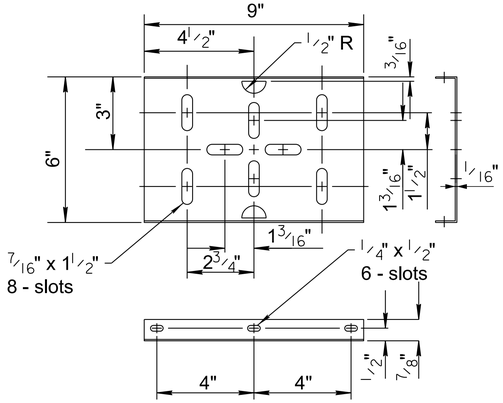
*Nine Iron Ranch



SHELF



CLAMP



PLATFORM

NOTES:

1. *Salvage existing steel posts. If the existing post is wood, install new 4"x4" S4S redwood post. Cost of the post shall be included in the cost to relocate.*
2. *Locate face of mailbox minimum 0.5 feet from edge of pavement or as directed by the Engineer.*
3. *This work shall be paid for under Item 9240122, Miscellaneous Work (Remove and Relocate Mail Boxes)*

DETAIL H
MAILBOX RELOCATION

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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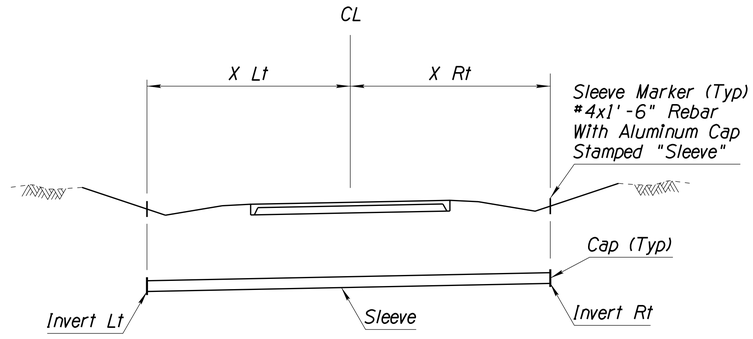
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

DETAIL SHEET
DETAIL H

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	47	524	
MILEPOST 189.9	F.H.W.A. Arizona Division	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE				DWG No. G-5.07
STRUCTURE NO.	TRACS NO. F0738 01C					____ OF____

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T			
		093 YV 189			



SLEEVE UNDER ROAD

NOTES:

1. Sleeves shall be installed in a trench condition. See Std C-13.15.
2. Pipe installation shall conform to Section 501 of Std Specs. See Std C-13.15 for pipe installation information.
3. Materials used for caps or plugs shall be as recommended by the pipe supplier and approved by the Engineer.
4. 12" Pipe Sleeve for PS 4 & 5 will be measured and paid for under Item No. 9240167 - MISCELLANEOUS WORK (PIPE SLEEVE)(12")(PLASTIC). 18" Pipe Sleeve for PS 6 will be measured and paid for under Item No. 9240168 - MISCELLANEOUS WORK (PIPE SLEEVE)(18")(STEEL). 24" Pipe Sleeve for PS 7, 8 & 9 will be measured and paid for under Item No. 9240169 - MISCELLANEOUS WORK (PIPE SLEEVE)(24")(STEEL).

PIPE SLEEVE INSTALLATION DATA

Location	Ref. No.	Size (in)	X Lt	X Rt	Invert Lt	Invert Rt
Wickenburg Ranch Way Cst CL Sta 73+98	PS 4	12	40'	40'	2408.0	2407.8
Wickenburg Ranch Way Cst CL Sta 74+03	PS 5	12	40'	40'	2408.0	2407.8
Wickenburg Ranch Way Cst CL Sta 74+09	PS 6	18	40'	40'	2408.0	2407.8
Wickenburg Ranch Way Cst CL Sta 74+20	PS 7	24	40'	40'	2408.0	2407.8
Wickenburg Ranch Way Cst CL Sta 74+28	PS 8	24	40'	40'	2400.0	2400.4
Matthie Ranch Rd Cst CL Sta 25+50	PS 9	24	34'	34'	2398.0	2397.8

DETAIL J

PIPE SLEEVE

	NAME	DATE
DESIGN	JML	06-26
DRAWN	BAP	06-26
CHECKED	DBK	06-26

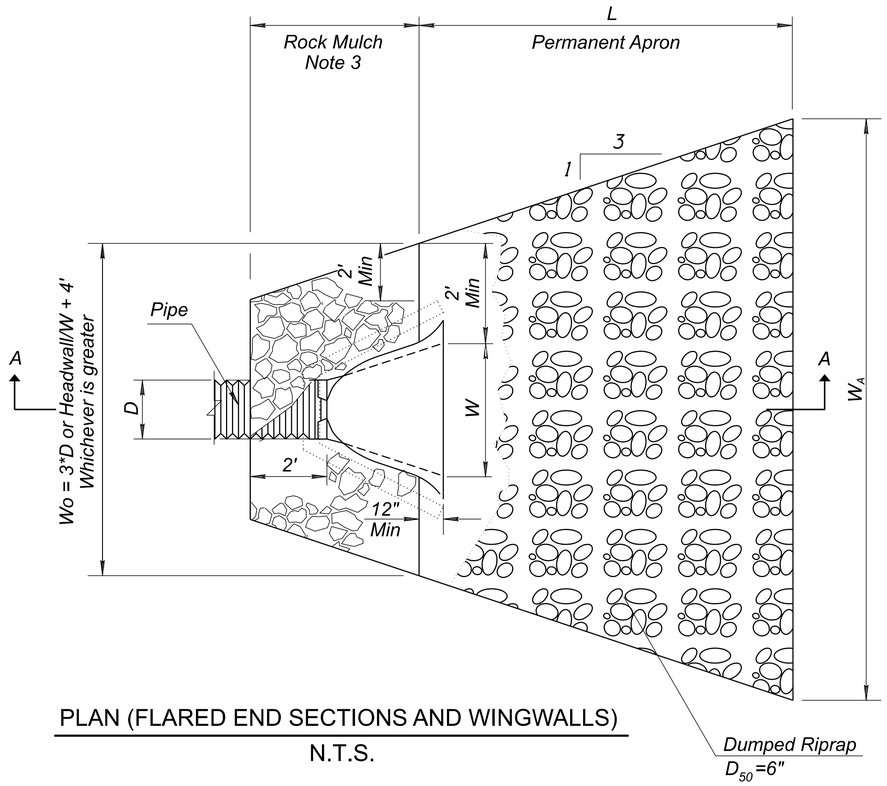
Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

DETAIL SHEET
DETAIL J

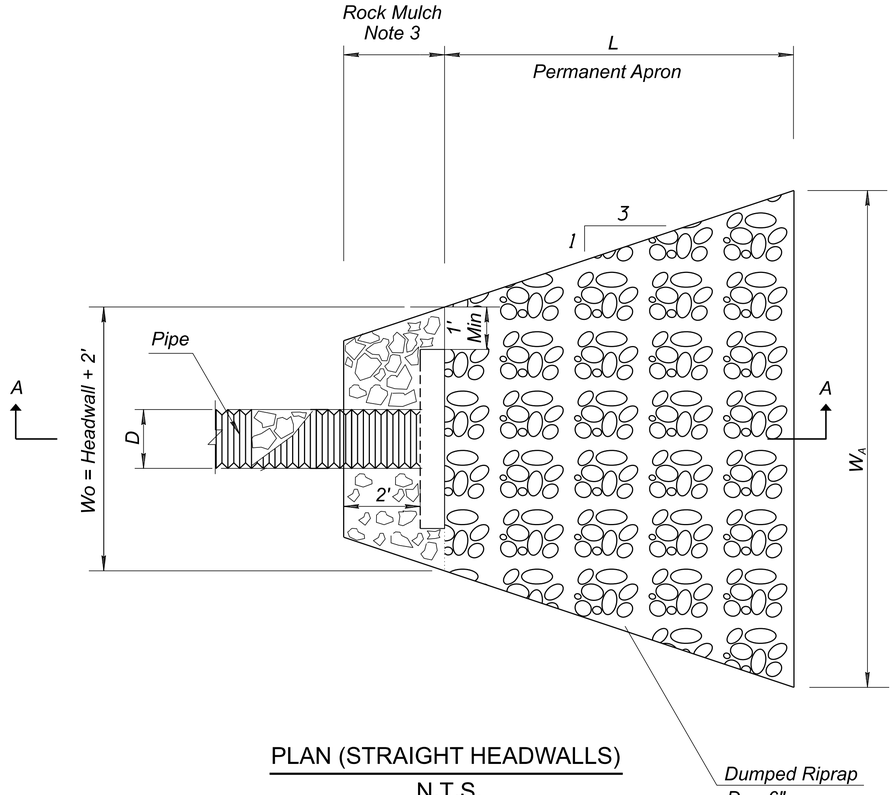
Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. G-5.08
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___



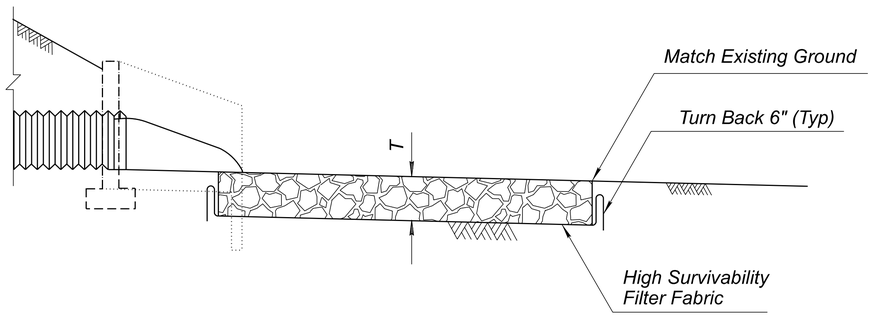
PLAN (FLARED END SECTIONS AND WINGWALLS)

N.T.S.



PLAN (STRAIGHT HEADWALLS)

N.T.S.



SECTION A-A

N.T.S.

NOTES

1. *The geometric shape of the apron may vary to match the existing site conditions as directed by the Engineer.*
2. *L is measured (on pipe alignment) from 1-ft back from end of flared end section to edge of apron farthest from the roadway centerline or from front of straight headwall to edge of apron farthest from the roadway centerline.*
3. *See Erosion Control Plans for rock mulch installation around end sections or headwalls.*
4. *See ADOT Std C-13.25 for measurements of W based on pipe sizes for flared end sections.*
5. *See Detail DR for Riprap Gradation*

DETAIL DA

RIPRAP APRON
SHEET 1 OF 2

Registered Professional Engineer
CERTIFICATE
BILLIE DENETDALE
ARIZONA, U.S.A.

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

DETAIL DA - RIPRAP APRON
SHEET 1 OF 2

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	49	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. D-1.01
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF____

Pipe or Culvert ID	Location	D (IN)	# Barrels	W (FT)[o]	L (FT)	W (FT)[A]	T (FT)	D50=6" 9130051 (CY)
100	US 93 Med Cst Cl Sta 2120+74	24	1	4.2	3.5	4.2	1	1.0
104	US 93 Med Cst Cl Sta 2153+15	18	1	7	6	11	1	2.0
111	US 93 Med Cst Cl Sta 2150+25	24	1	8	6	12	1	3.0
116	US 93 Med Cst Cl Sta 2158+86	18	1	3.5	6	7.5	1	2.0
118	SR 89 Cst CL Sta 114+70	18	1	7	6	11	1	2.0
PE1	Future SR 89 Cst CL Sta 114+83	30	1	8	10	14	1	5.0
PE4	SR 89 Cst CL Sta 114+70	24	1	8	6	12	1	3.0
PE5	US 93 Med Cst Cl Sta 2141+01	24	1	8	6	12	1	3.0
105	US 93 Med Cst Cl Sta 2125+56	48	1	19	16	30	1	15.0
	SB US-93 CST CL							
PE 209	208+60	24	1	8	8	12	1	3.0
PE 261	259+99	24	1	8	8	12	1	3.0
PE 268	268+71	42	1	20	15	29	1	13.6
PE 274	274+38	24	1	8	8	12	1	3.0
PE 292	292+12	24	1	8	8	12	1	3.0
294	294+37	42	2	25	12	33	1	12.9
PE 304	304+47	36	2	22	12	30	1	11.6
PE 316	315+10	42x29	2	25	14	36	1	15.8
PE 322	321+72	42	2	25	14	36	1	15.8
505	200+57	24	1	8	6	12	1	2.2
507	213+41	24	1	8	6	12	1	2.2
520	246+79	24	1	8	6	12	1	2.2
525	252+57	24	1	14	6	17	1	3.4
	NB US-93							
610	222+87	24	1	8	6	12	1	2.2
	NINE IRONS RANCH RD							
410/415	20+93	36	3	27	14	36	1	16.3
	E FRONTAGE RD							
150	126+62	28x20	1	8	8	12	1	3.0
160	158+50	28x20	1	8	8	12	1	3.0
Total:								152.2

DETAIL DA

RIPRAP APRON
SHEET 2 OF 2

Registered Professional Engineer — CERTIFICATE — BILLIE BENETDALE — 46064 — ARIZONA, U.S.A. — Date Signed 06/26/26

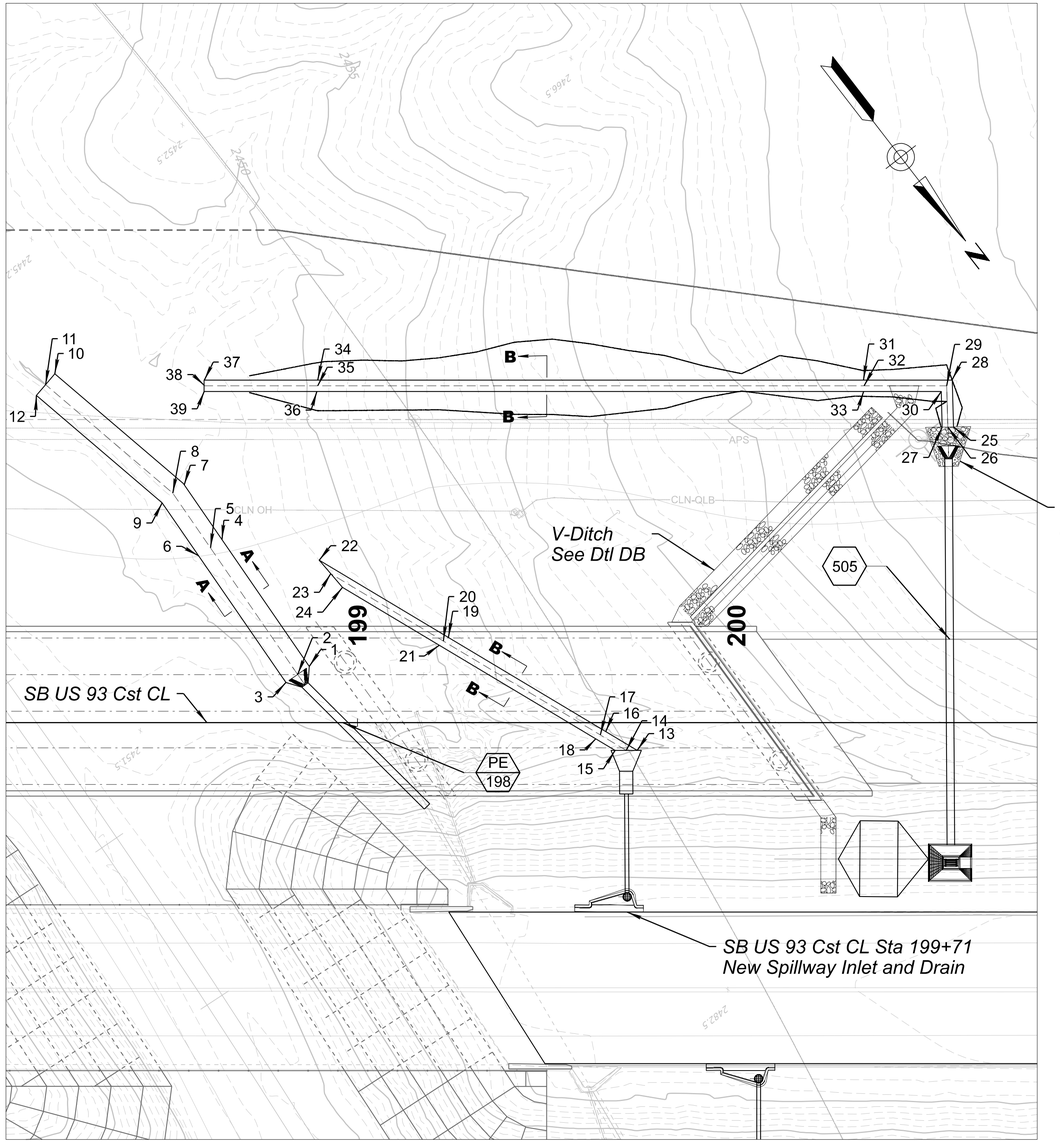
	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

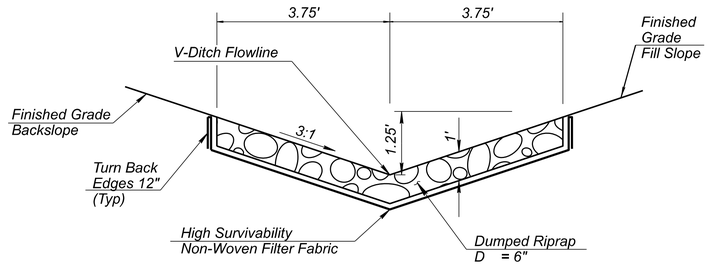
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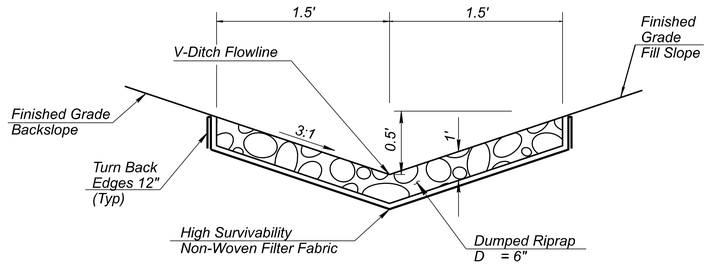
DETAIL DA - RIPRAP APRON
SHEET 2 OF 2

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	50	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. D-1.02
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____





SECTION A-A
N.T.S



SECTION B-B
N.T.S

CHANNEL GRADING CONTROL POINTS			
Point No.	SB US 93 CST CL	Offset Lt	Elev
1	198+87.29	14.83	2447.34
2	198+84.21	12.70	2446.15
3	198+81.12	10.57	2448.09
4	198+64.15	48.40	2446.35
5	198+60.84	46.60	2445.15
6	198+57.80	44.39	2446.70
7	198+54.03	63.07	2446.07
8	198+51.22	60.54	2445.09
9	198+48.42	58.01	2447.00
10	198+20.12	92.05	2445.40
11	198+17.68	89.20	2445.00
12	198+15.25	86.35	2446.84

CHANNEL GRADING CONTROL POINTS				
Point No.	SB US 93 CST CL	Offset Rt	Offset Lt	Elev
13	199+73.84	7.36		2460.09
14	199+70.93	7.37		2459.71
15	199+68.01	7.37		2459.34
16	199+67.47	3.55		2459.81
17	199+66.63	4.80		2457.83
18	199+65.90	6.11		2458.31
19	199+23.28		22.89	2450.98
20	199+22.39		21.67	2449.47
21	199+21.84		20.26	2450.24
22	198+89.89		42.86	2448.01
23	198+92.97		39.28	2447.86
24	198+96.04		35.69	2447.87

CHANNEL GRADING CONTROL POINTS			
Point No.	SB US 93 CST CL	Offset Lt	Elev
25	200+57.34	78.03	2477.63
26	200+55.84	78.01	2476.88
27	200+54.34	77.98	2477.48
28	200+56.98	90.40	2477.99
29	200+55.52	88.91	2476.39
30	200+54.08	87.40	2477.68
31	200+33.46	90.40	2476.65
32	200+33.39	88.87	2475.39
33	200+33.54	87.40	2476.27
34	198+89.69	90.40	2450.46
35	198+89.76	88.66	2448.42
36	198+89.69	87.40	2450.45
37	198+59.53	90.40	2446.36
38	198+59.53	88.62	2446.28
39	198+59.53	87.40	2446.19

RIPRAP QUANTITIES 198		
X Sectional Area	7.49	sq ft
Length	102.22	ft
Volume	28.36	cu yd

RIPRAP QUANTITIES 199+71		
X Sectional Area	3.00	sq ft
Length	90.85	ft
Volume	10.09	cu yd

RIPRAP QUANTITIES 505		
X Sectional Area	3.00	sq ft
Length	206.93	ft
Volume *	22.99	cu yd

Note: See Detail DR for Riprap Gradation

** See Detail DA for Riprap Apron Quantity*

DETAIL DB

(SHEET 1 OF 4)

DUMPED RIPRAP
OUTLET GRADING PLAN
PIPES 198, 199+71, 505

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

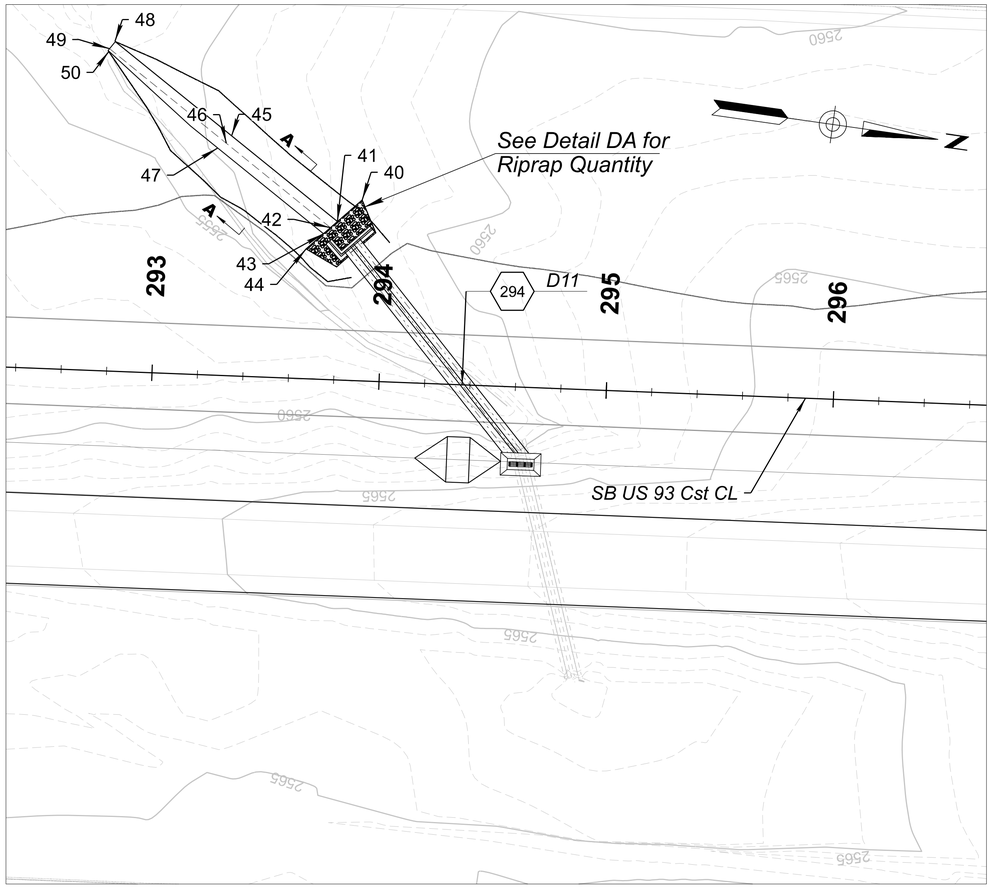
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ROADWAY DESIGN SERVICES

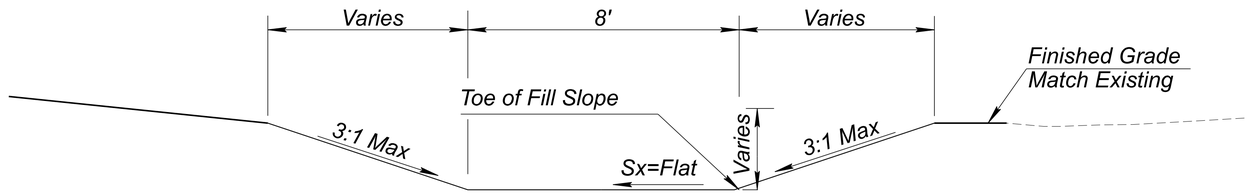
DETAIL DB
OUTLET GRADING PLAN
FOR PIPES 198, 199+71, 505

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	51	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. D-1.03
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

LEANDERB 5/4/2026 1:13:30 PM c:\pwworking\usaz\dms09621\f0738_ddtl02-1.dgn \ Model Name: f0738_ddtl02-1



CHANNEL GRADING CONTROL POINTS			
Point No.	SB US 93 CST CL	Offset Lt	Elev
40	293+89.44	79.52	2557.49
41	293+78.94	69.63	2554.80
42	293+75.98	66.84	2554.64
43	293+73.03	64.06	2554.79
44	293+65.60	57.06	2558.12
45	293+33.40	103.65	2554.01
46	293+31.01	100.44	2553.90
47	293+28.62	97.24	2553.99
48	292+78.04	145.01	2553.02
49	292+75.79	141.70	2553.00
50	292+75.19	140.89	2553.00



SECTION A-A
N.T.S

DETAIL DB
(SHEET 2 OF 4)

DUMPED RIPRAP
OUTLET GRADING PLAN
PIPE 294

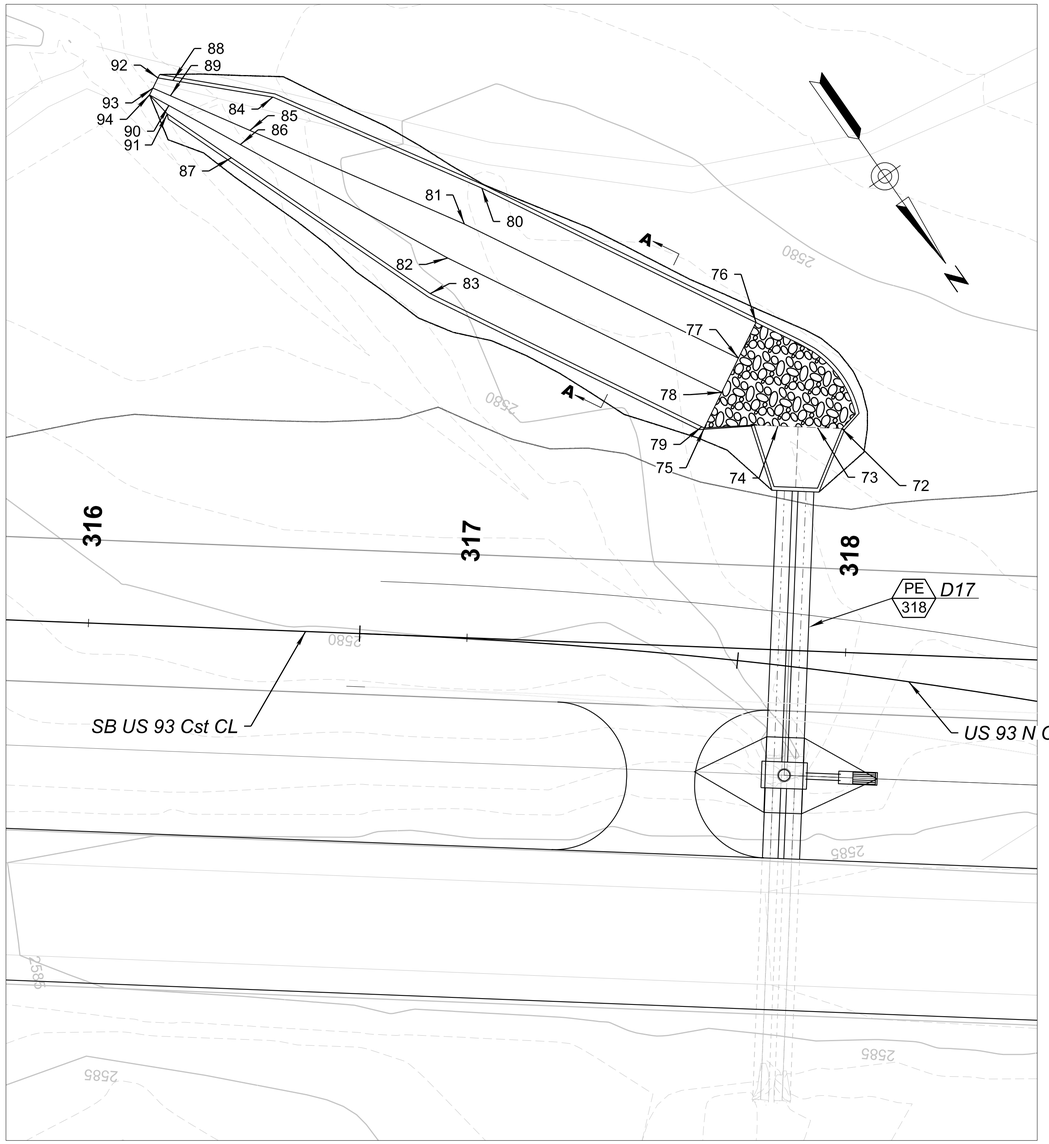
	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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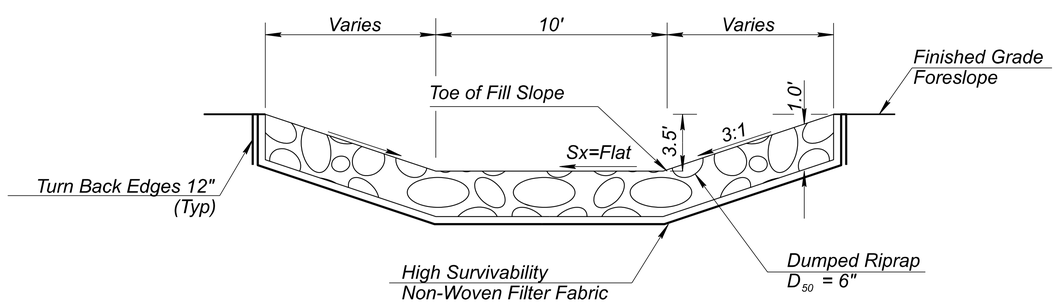
DETAIL DB
OUTLET GRADING PLAN
FOR PIPE 294

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	52	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. D-1.04
	TRACS NO. F0738 01C					____ OF ____



CHANNEL GRADING CONTROL POINTS			
Point No.	SB US 93 CST CL	Offset Lt	Elev
72	317+96.71	59.04	2580.74
73	317+90.26	59.04	2578.59
74	317+79.83	59.04	2578.53
75	317+73.58	59.04	2579.83
76	317+72.97	86.10	2581.87
77	317+68.72	76.50	2578.37
78	317+64.67	67.36	2578.37
79	317+60.42	57.76	2581.87
80	316+99.29	118.73	2581.23
81	316+95.04	109.12	2577.73
82	316+90.99	99.98	2577.73

CHANNEL GRADING CONTROL POINTS			
Point No.	SB US 93 CST CL	Offset Lt	Elev
83	316+86.74	90.38	2581.23
84	316+43.19	140.59	2580.75
85	316+37.53	131.58	2577.25
86	316+35.13	127.76	2577.24
87	316+32.90	124.21	2578.63
88	316+16.71	143.97	2578.38
89	316+16.19	139.91	2577.07
90	316+15.86	137.34	2577.07
91	316+15.57	135.09	2577.79
92	316+12.72	144.48	2578.03
93	316+11.50	141.74	2577.03
94	316+10.69	139.91	2577.03



NOTE: RIPRAP ONLY WHERE SHOWN ON PLAN

SECTION A-A
N.T.S

RIPRAP QUANTITIES 317		
Area	696.72	sq ft
Depth	1.00	ft
Volume	25.80	cu yd

Note: See Detail DR for Riprap Gradation

DETAIL DB

(SHEET 3 OF 4)

DUMPED RIPRAP
OUTLET GRADING PLAN
PIPE EXTENSION 318

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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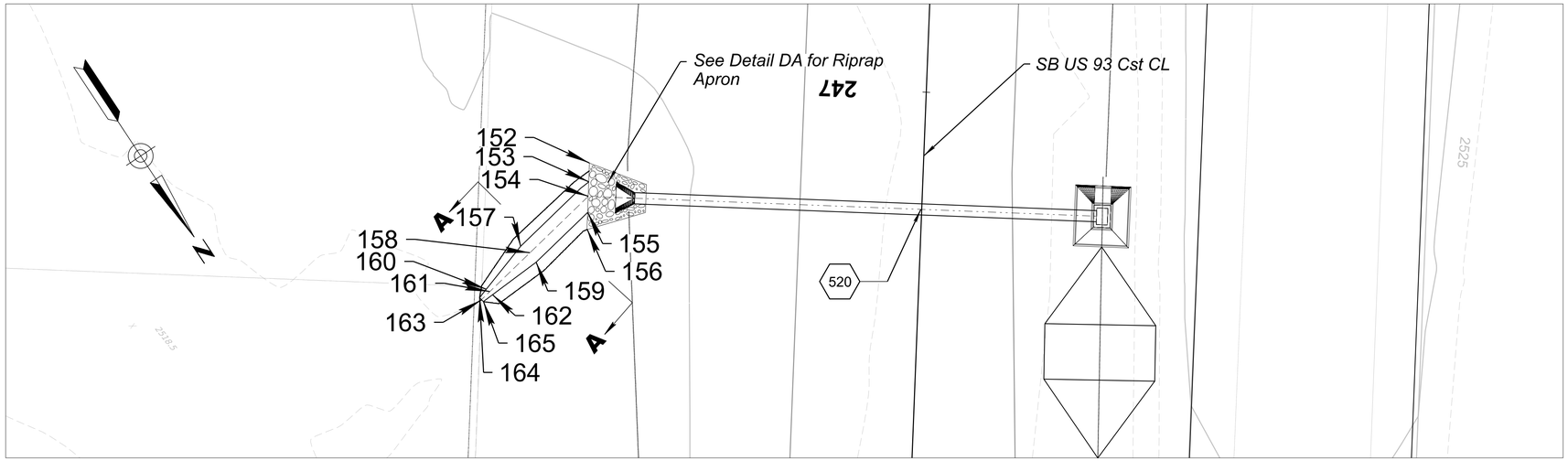
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

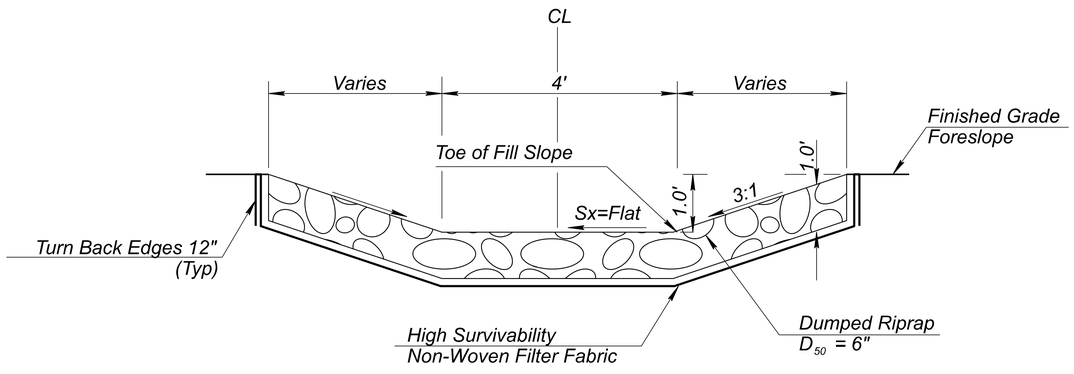
DETAIL DB
OUTLET GRADING PLAN
FOR PIPE EXTENSION 318

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	53	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. D-1.05
TRACS NO. F0738 01C
____ OF ____





SECTION A-A
N.T.S

CHANNEL GRADING CONTROL POINTS			
Point No.	SB US 93 CST CL	Offset Lt	Elev
152	246+84.84	60.20	2519.68
153	246+81.47	60.20	2519.51
154	246+78.85	60.20	2519.07
155	246+75.95	60.20	2519.04
156	246+72.85	60.20	2519.64
157	246+69.37	72.02	2518.87
158	246+67.99	70.57	2518.87
159	246+66.61	69.13	2518.87
160	246+61.27	78.01	2518.74
161	246+60.76	77.48	2518.74
162	246+60.26	76.96	2518.74
163	246+59.83	79.07	2518.72
164	246+59.48	78.70	2518.72
165	246+59.14	78.35	2518.72

RIPRAP QUANTITIES 520		
Area	89.30	sq ft
Depth	1.00	ft
Volume *	3.31	cu yd

Note: See Detail DR for Riprap Gradation
** See Detail DA for Apron Quantity*

DETAIL DB

(SHEET 4 OF 4)

DUMPED RIPRAP
OUTLET GRADING PLAN
PIPE 520

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

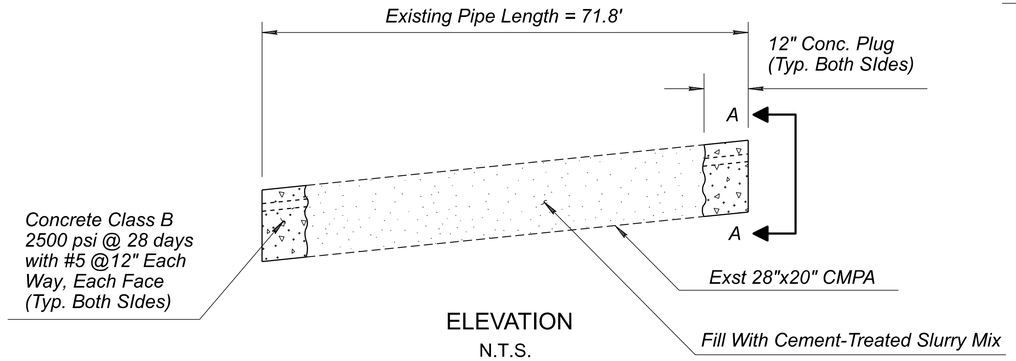
Registered Professional Engineer — 66264 — BILLIE DENETDALE — Date Signed 06/26/26 — ARIZONA, U.S.A.

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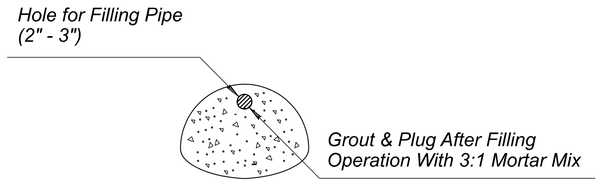
ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

DETAIL DB
OUTLET GRADING PLAN
FOR PIPE 520

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	54	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. D-1.06
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____



ELEVATION
N.T.S.



SECTION A-A

NOTES

1. *Verify cover over plug is 1ft minimum.*
2. *Smooth out any Crushed or Damaged end of pipe prior to mortar placement.*

DETAIL DC

PIPE PLUG DETAIL

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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DETAIL DC - PIPE PLUG DETAIL

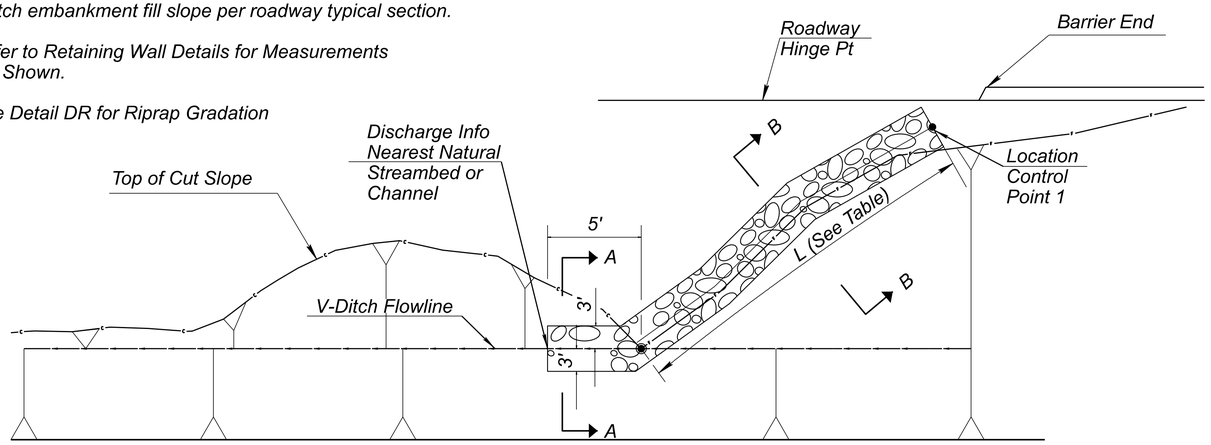
ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	55	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. D-1.07
STRUCTURE NO.	TRACS NO. F0738 01C					____ OF ____

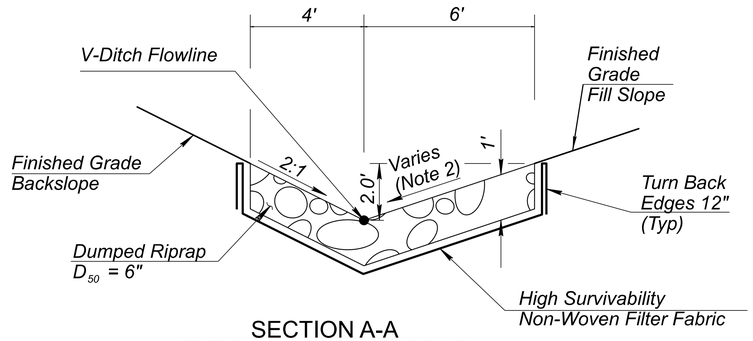
F.H.W.A. Arizona Division

KEATON.LEANDER 6/5/2026 10:09:08 AM c:\pwworking\usaz\dms09621\f0738_ddtl03.dgn \ Model Name: f0738_ddtl03

NOTES

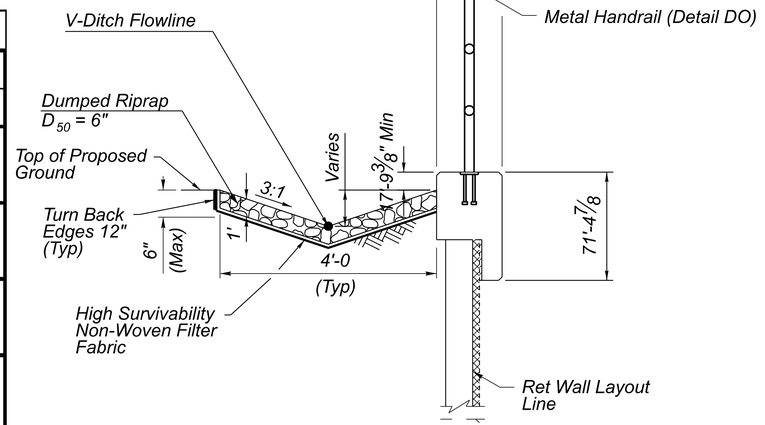
1. *Intercepted drainage locations shall be verified in the field by the Engineer prior to construction.*
2. *Match embankment fill slope per roadway typical section.*
3. *Refer to Retaining Wall Details for Measurements not Shown.*
4. *See Detail DR for Riprap Gradation*



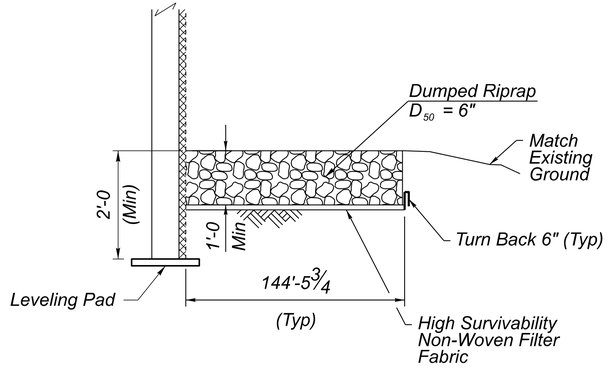


SECTION A-A
TYPE 4 - V-DITCH RIPRAP
N.T.S.

DUMPED RIPRAP DITCHES					
Station	**Offset**	**Side**	**Volume**	**L**	**Type**
(SB US-93 Cst CL)	**(ft)**	**(Lt/Rt)**	**(CY)**	**(ft)**	**1/2/3/4**
196+52.5	25.0	Lt	14	88.0	1
196+00	97.0	Lt			
196+57.5	26.0	Lt	13	90.0	3
196+03	98.0	Lt			
196+45	36.0	Rt	1	5.0	4
196+50	36.0	Rt			
196+50	36.0	Rt	8	28.5	2
196+71	17.1	Rt			
196+92	45.0	Rt	3	22.0	3
199+84	26.0	Lt			
200+39	81.0	Lt	11	77.0	3
199+90	25.0	Lt			
200+46	81.0	Lt	13	85.0	1
200+46	87.0	Lt			
200+23	20.0	Rt	4	24.0	3
200+25	45.0	Rt			



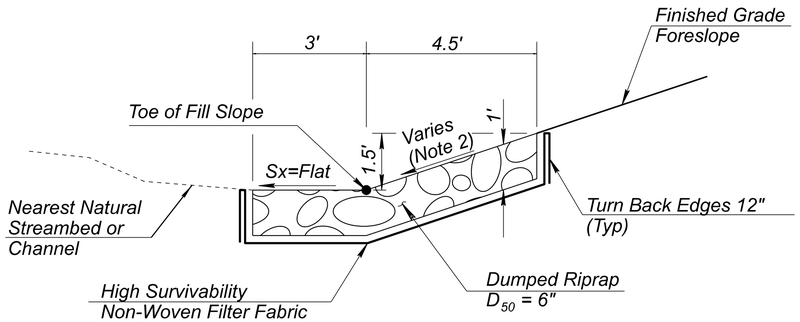
SECTION
TYPE 1 - V-DITCH RIPRAP AGAINST RETAINING WALL
N.T.S.



SECTION
TYPE 3 - RIPRAP AGAINST BOTTOM OF RETAINING WALL
N.T.S.

DETAIL DD

DUMPED RIPRAP CHANNELS & V-DITCHES



SECTION B-B
TYPE 2 - RIPRAP AGAINST FILL SLOPE
N.T.S.

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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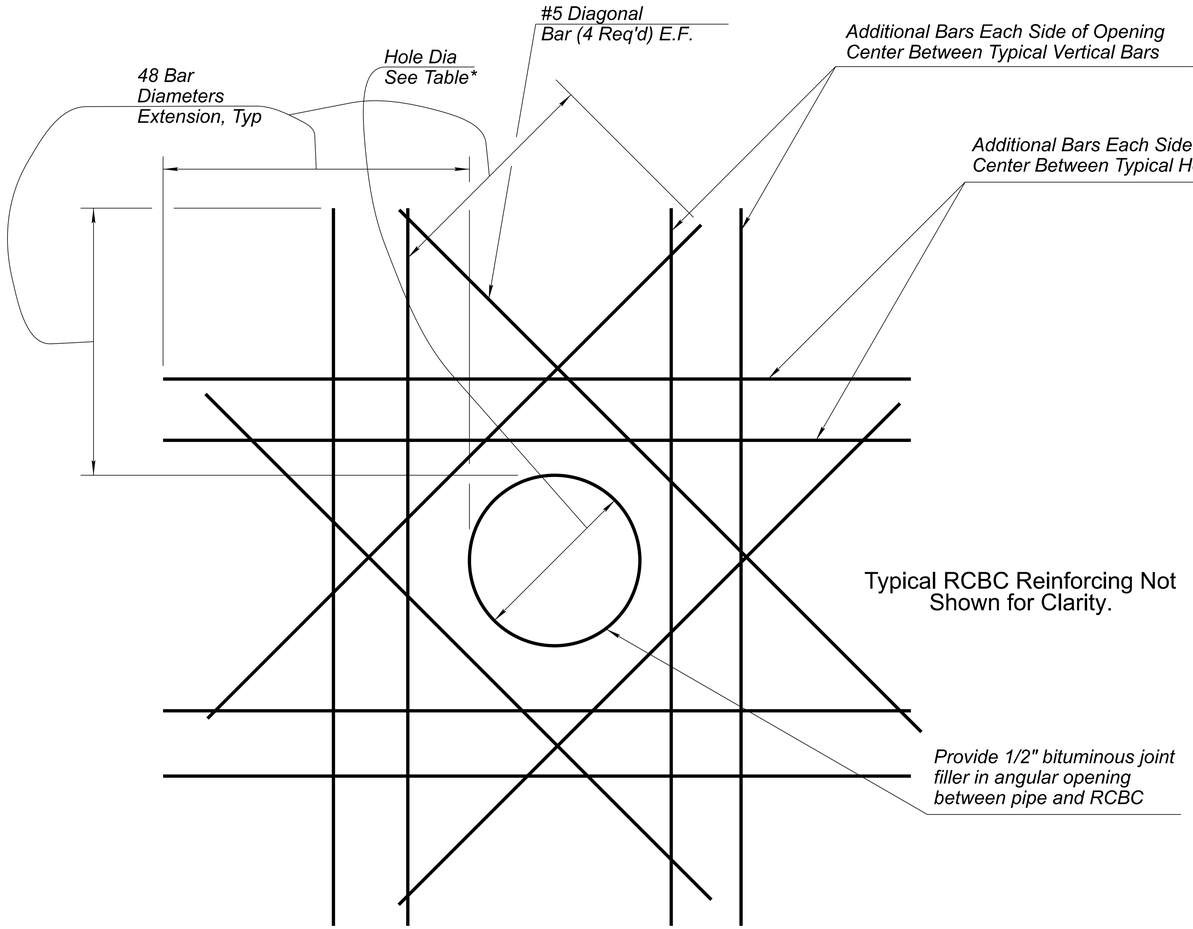
DETAIL DD - DUMPED RIPRAP CHANNELS & V-DITCHES

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	56	524	
MILEPOST 189.9	LOCATION	WICKENBURG RANCH WAY TO VISTA ROYALE			DWG No.	D-1.08
STRUCTURE NO.	TRACS NO.	F0738 01C				____ OF____

F.H.W.A. Arizona Division

NOTES

1. *Reinforcing steel shall conform to the requirements of Section 1003 of the specifications.*
2. *Reinforcing bars shall have 2" clear cover from edge of CBC and around opening unless otherwise noted.*
3. *No separate measurement or payment will be made for constructing the pipe penetration, the cost of this item is considered as included in the box culvert pay items. The cost of this item is considered as included in the junction structure pay items.*
4. *Area of additional bars at each edge of opening in each direction shall match 1/2 of the cross sectional area of the interrupted bars.*
5. *Provide standard ACI hook if straight extension past opening cannot be obtained.*
6. *Place additional reinforcing in the same plane as the reinforcing it is replacing.*
7. *Provide four diagonal bars at opening for each mat of steel. Locate diagnosis as to not affect positioning of mat or minimum clearances required. When typical reinforcing bars are not interrupted by an opening, diagonal bars shall be a minimum requirement if the opening is larger than 4".*
8. *See Drainage Sheets for Pipe Size, Location, and invert Elevations.*
9. *See ADOT Standard Structure Details for Box Culvert details not shown.*



Typical RCBC Reinforcing Not Shown for Clarity.

Pipe No.	Pipe Size (IN)*
114	24
115	18
501	24
510	24
530	24
535	24

* *Opening May Not Be Circular. May be elliptical to allow for pipe skew angle relative the structure wall.*

ADDITIONAL REINF. AT PIPE OPENING IN NEW RCBC OR WINGWALL

N.T.S.

DETAIL DE
PIPE PENETRATION

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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DETAIL DE - PIPE PENETRATION

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

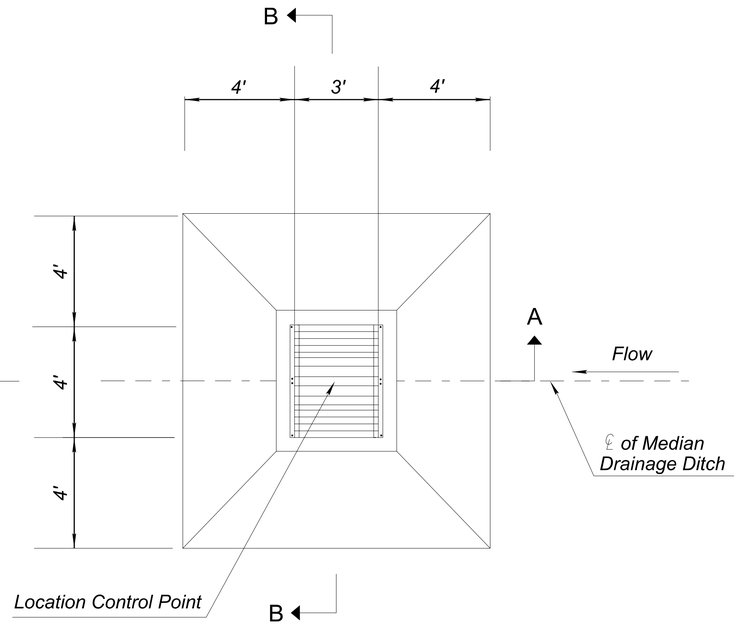
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	57	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

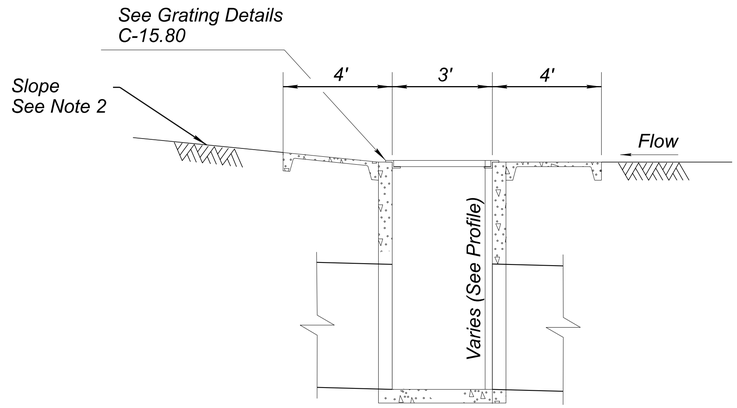
DWG No. D-1.09

TRACS NO. F0738 01C

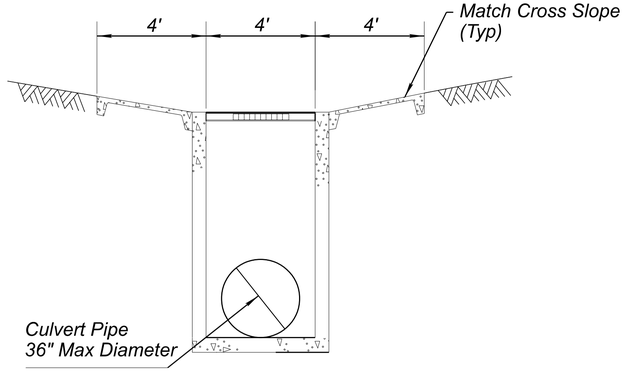
____ OF ____



PLAN



SECTION A-A



SECTION B-B

MODIFIED C-15.80

GENERAL NOTES

1. *See Details C-15.80 and C-15.81 For Wall Thicknesses, Grating And Other Information Not Shown In This Detail.*
2. *Apron Slopes shall match the natural flow line of the ditch, no additional depression will be allowed.*

DETAIL DF

MODIFIED ADOT MEDIAN
CATCH BASIN DOUBLE

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

Registered Professional Engineer — CERTIFICATE 76264 — BILLIE DENETDALE — ARIZONA, U.S.A.

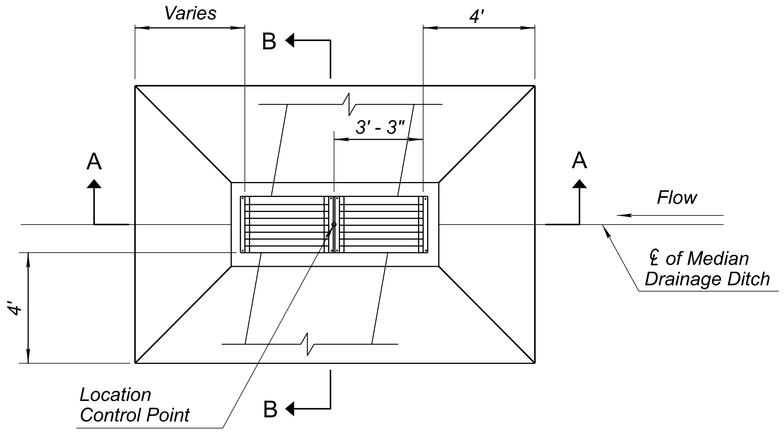
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ROADWAY DESIGN SERVICES

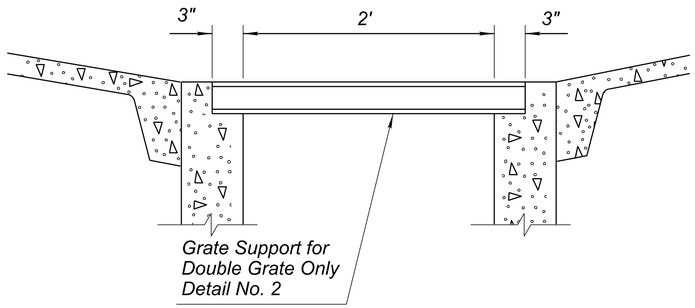
DETAIL DF - MODIFIED ADOT MEDIAN CATCH BASIN DOUBLE

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	58	524	
MILEPOST 189.9	LOCATION	WICKENBURG RANCH WAY TO VISTA ROYALE				DWG No. D-1.10
STRUCTURE NO.	TRACS NO.	F0738 01C				____ OF ____

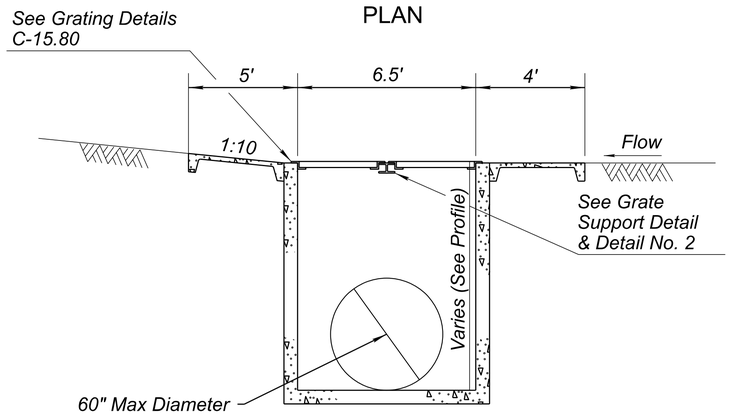
F.H.W.A. Arizona Division



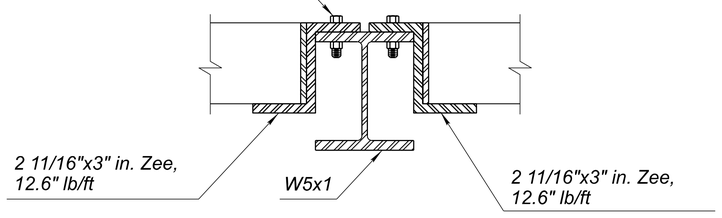
PLAN



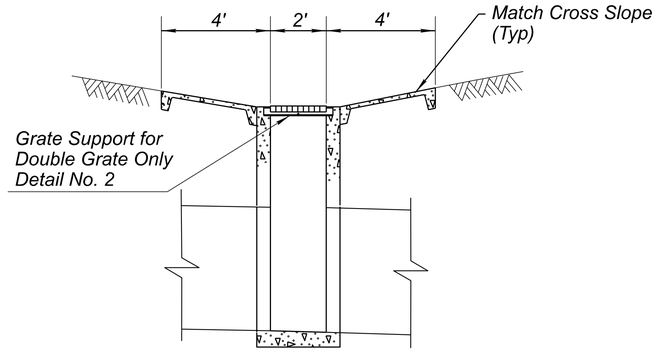
GRATE SUPPORT DETAIL



SECTION A-A



DETAIL NO. 2



SECTION B-B

MODIFIED C-15.80

GENERAL NOTES

1. *See Details C-15.80 and C-15.81 For Wall Thicknesses And Other Information Not Shown In This Detail.*

DETAIL DG

MODIFIED ADOT MEDIAN CATCH BASIN

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

Registered Professional Engineer — Certificate — Billie Denetdale — 06/26/2026 — Arizona, U.S.A.

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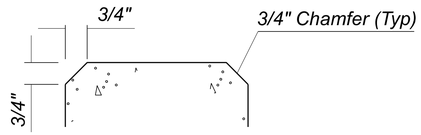
DETAIL DG - MODIFIED ADOT
MEDIAN CATCH BASIN

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

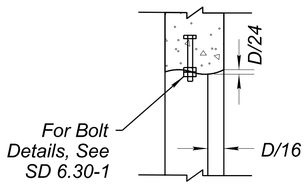
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE — DWG No. D-1.11

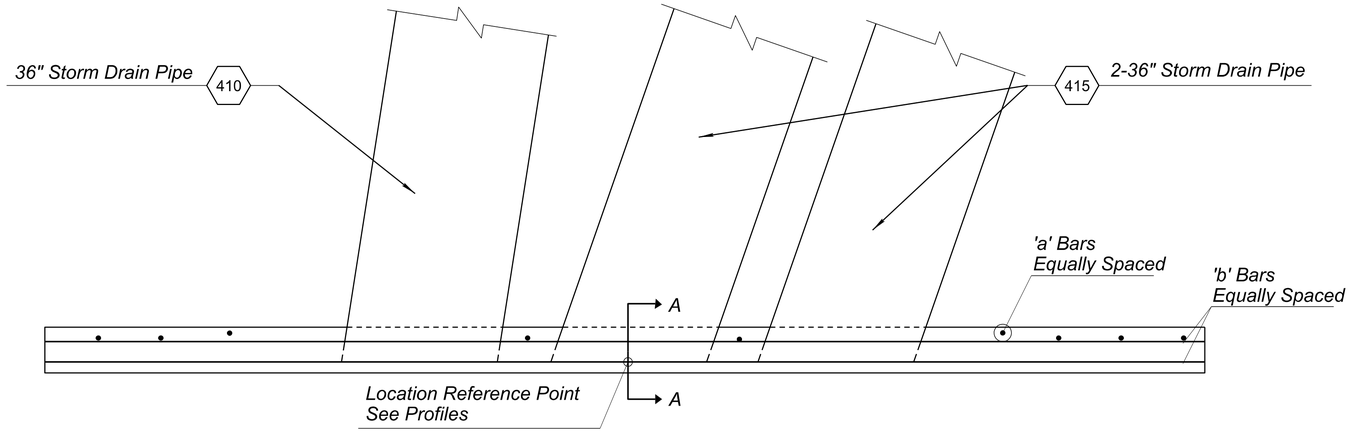
TRACS NO. F0738 01C — ____ OF____



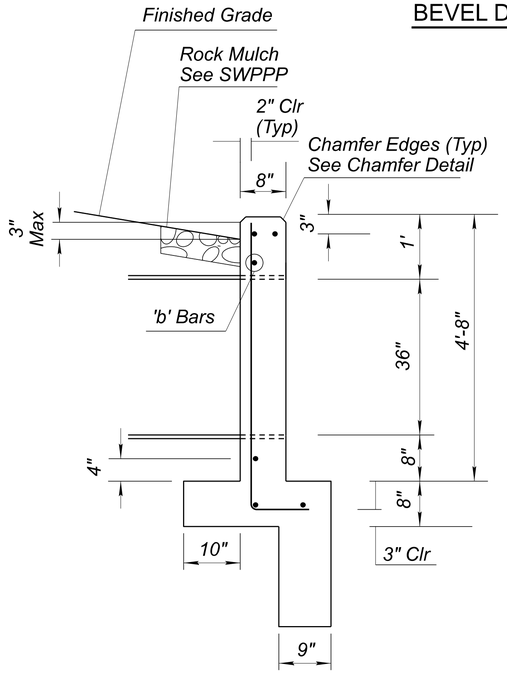
CHAMFER DETAIL



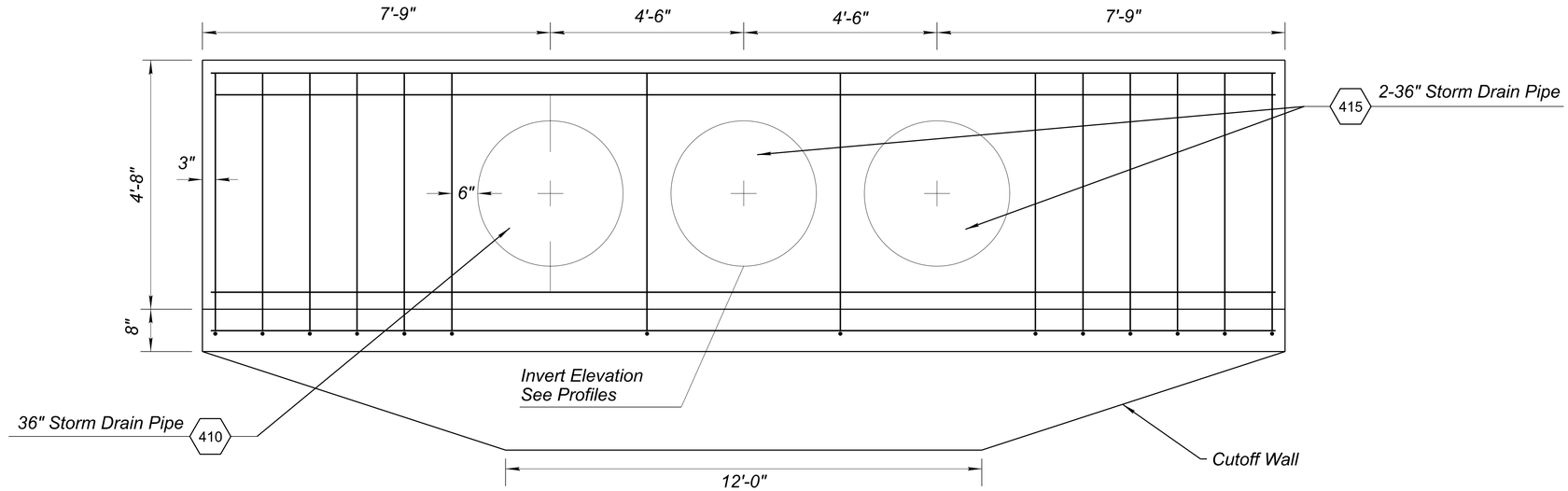
BEVEL DETAIL FOR CMP



PLAN
N.T.S.



SECTION A-A
N.T.S.



ELEVATION
3-BARREL STRAIGHT HEADWALL
N.T.S.



'a' BARS

REINFORCING			
'a' Bars		'b' Bars	
Quantity	Length	Quantity	Length
14	6'-3"	6	24'

NOTES

1. All reinforcing bars are #4
2. All concrete shall be Class S, Fc=3000psi
3. See SD-6.30 (1 of 5) for general notes

DETAIL DH

TRIPLE BARREL
STRAIGHT HEADWALL

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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DETAIL DH - TRIPLE BARREL
STRAIGHT HEADWALL

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

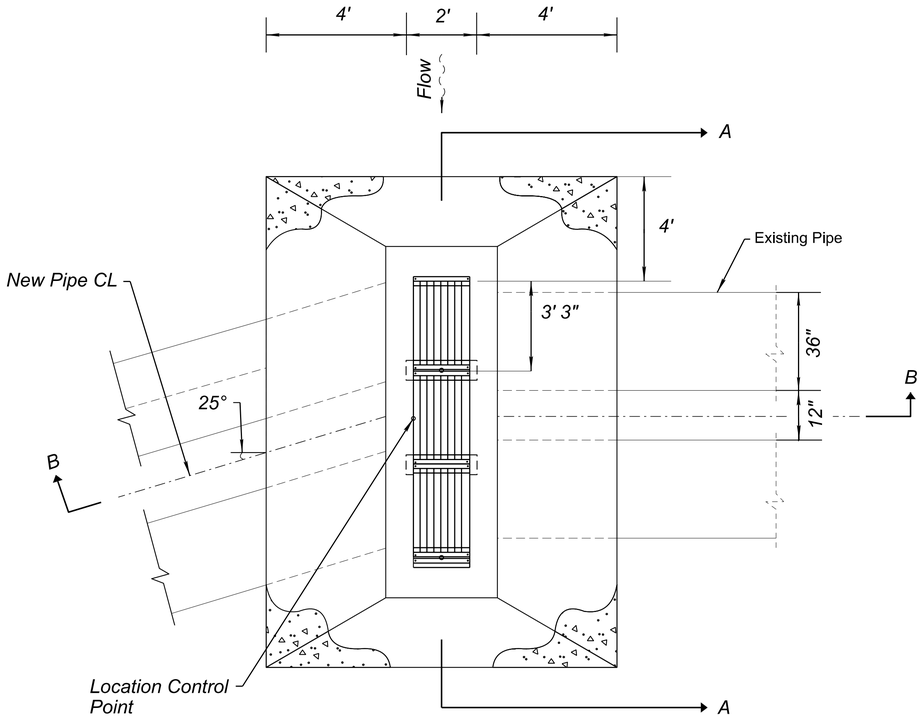
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

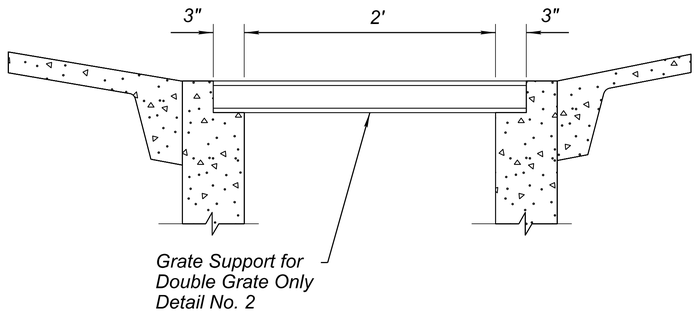
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TRACS NO. F0738 01C

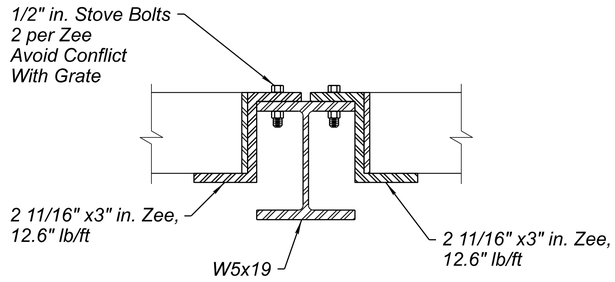
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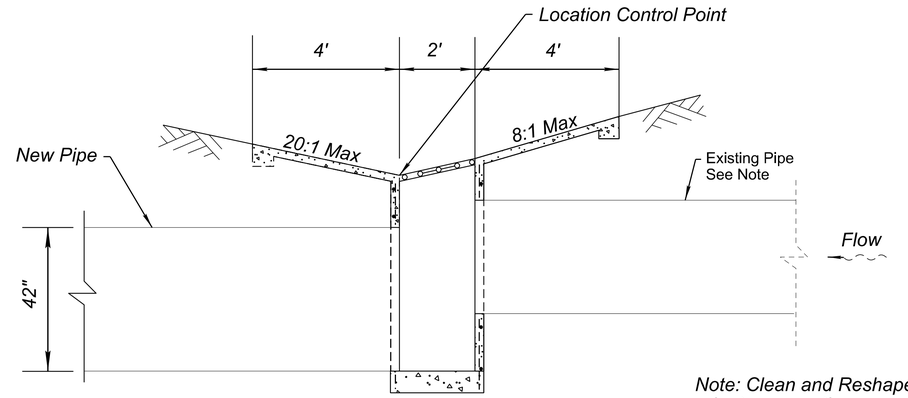
PLAN VIEW
N.T.S.



GRATE SUPPORT DETAIL
N.T.S.

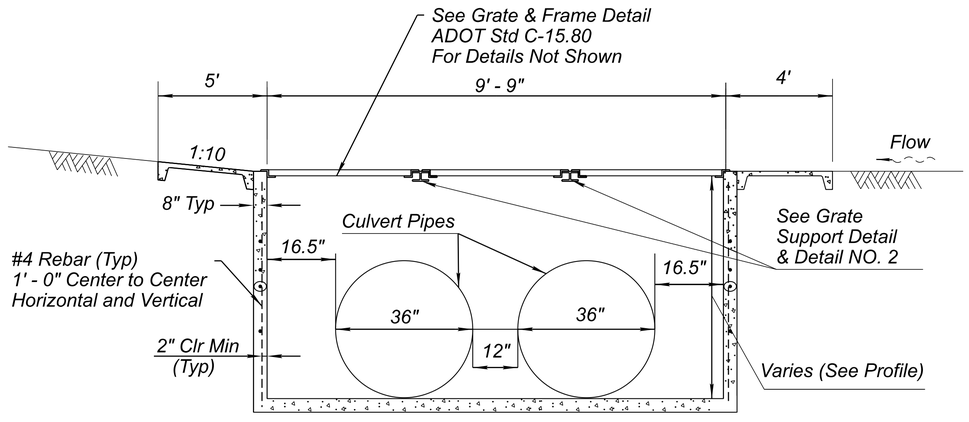


DETAIL NO. 2

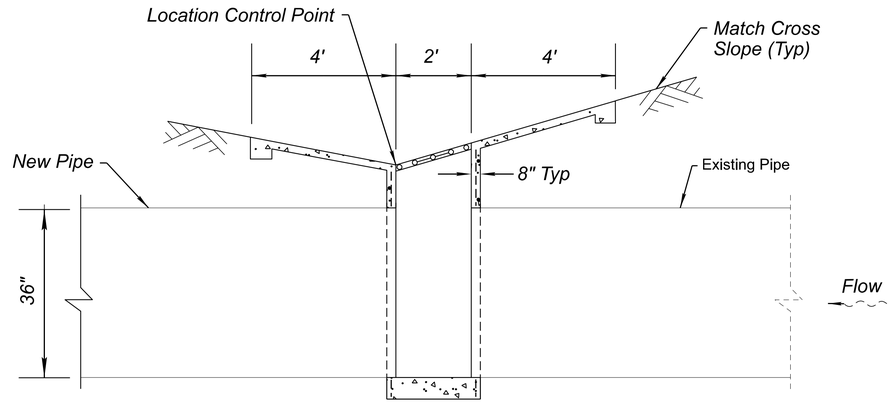


Note: Clean and Reshape existing pipe prior to connection.

SECTION B-B (CB-294)
N.T.S.



SECTION A-A
N.T.S.



SECTION B-B (CB-304)
N.T.S.

DETAIL DI
CONCRETE CATCH BASIN

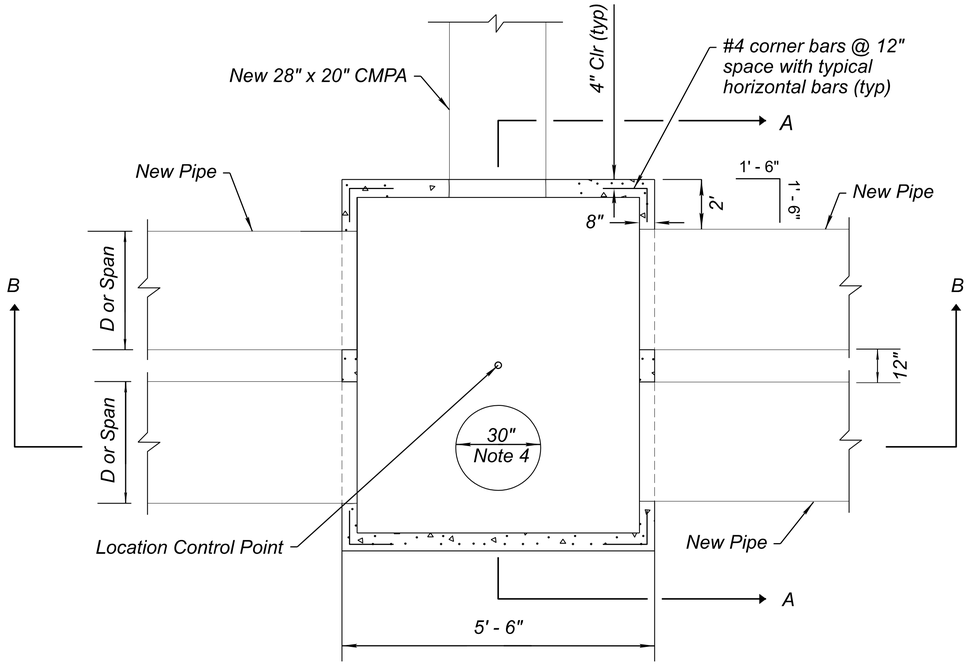
	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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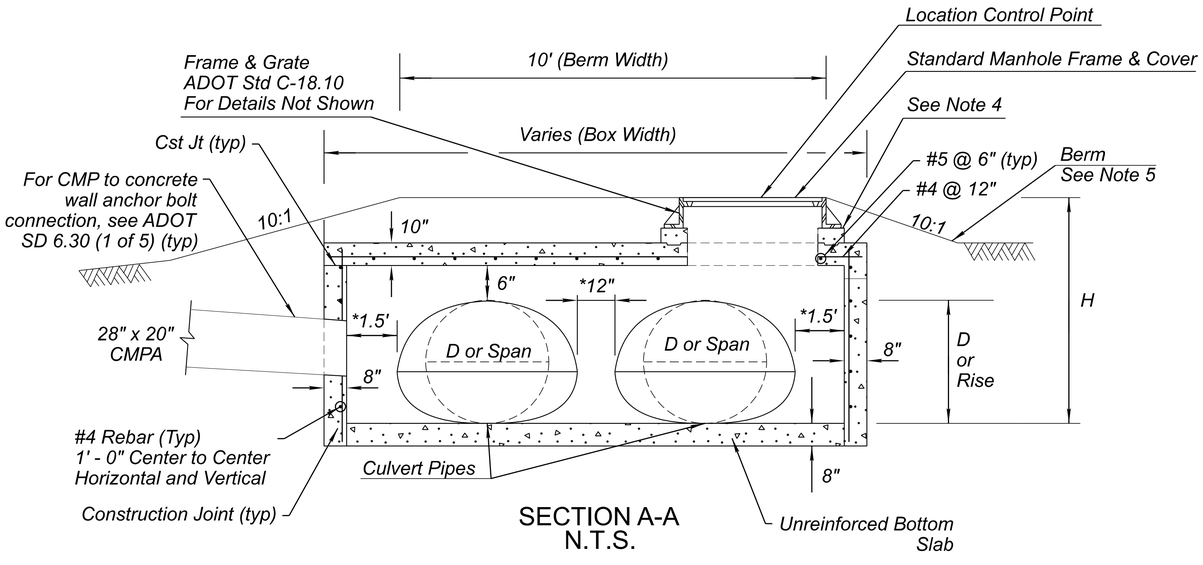
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

DETAIL DI - CONCRETE CATCH BASIN

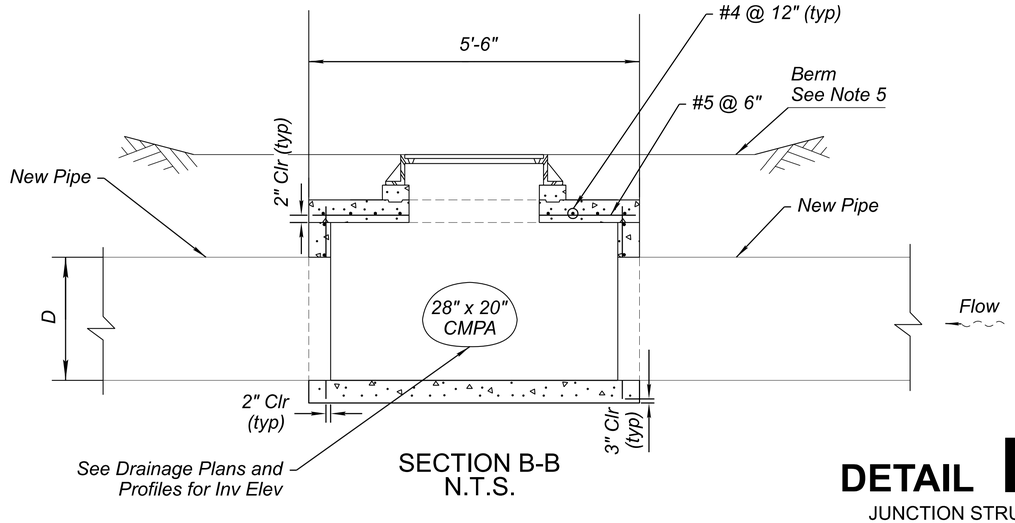
ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	61	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE				DWG No. D-1.13	
	TRACS NO. F0738 01C				____ OF____	



PLAN VIEW
N.T.S.



SECTION A-A
N.T.S.



SECTION B-B
N.T.S.

NOTES

1. *Pipe Sizes & Elevations are shown on Drainage Details.*
2. *Manhole Rim Elevations are shown on Drainage Details.*
3. *All concrete shall be Class 'S' (f'c = 3000 psi). Reinforcing steel shall conform to the requirements of Section 1003 of the specifications.*
4. *4", 6", 8", or 12" Grade Rings, 30" inside diameter grade rings. See ADOT Std C-18.10 for details not shown.*
5. *See Detail E for Berm Details not shown.*
6. *See Detail DE for additional reinforcements at pipe opening.*

* *Spacing between pipes and from outside of pipes to the inside of the box is the same for Circular Pipes and CMPAs.*

DETAIL DJ

JUNCTION STRUCTURE

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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ROADWAY DESIGN SERVICES

DETAIL DJ - JUNCTION STRUCTURE

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

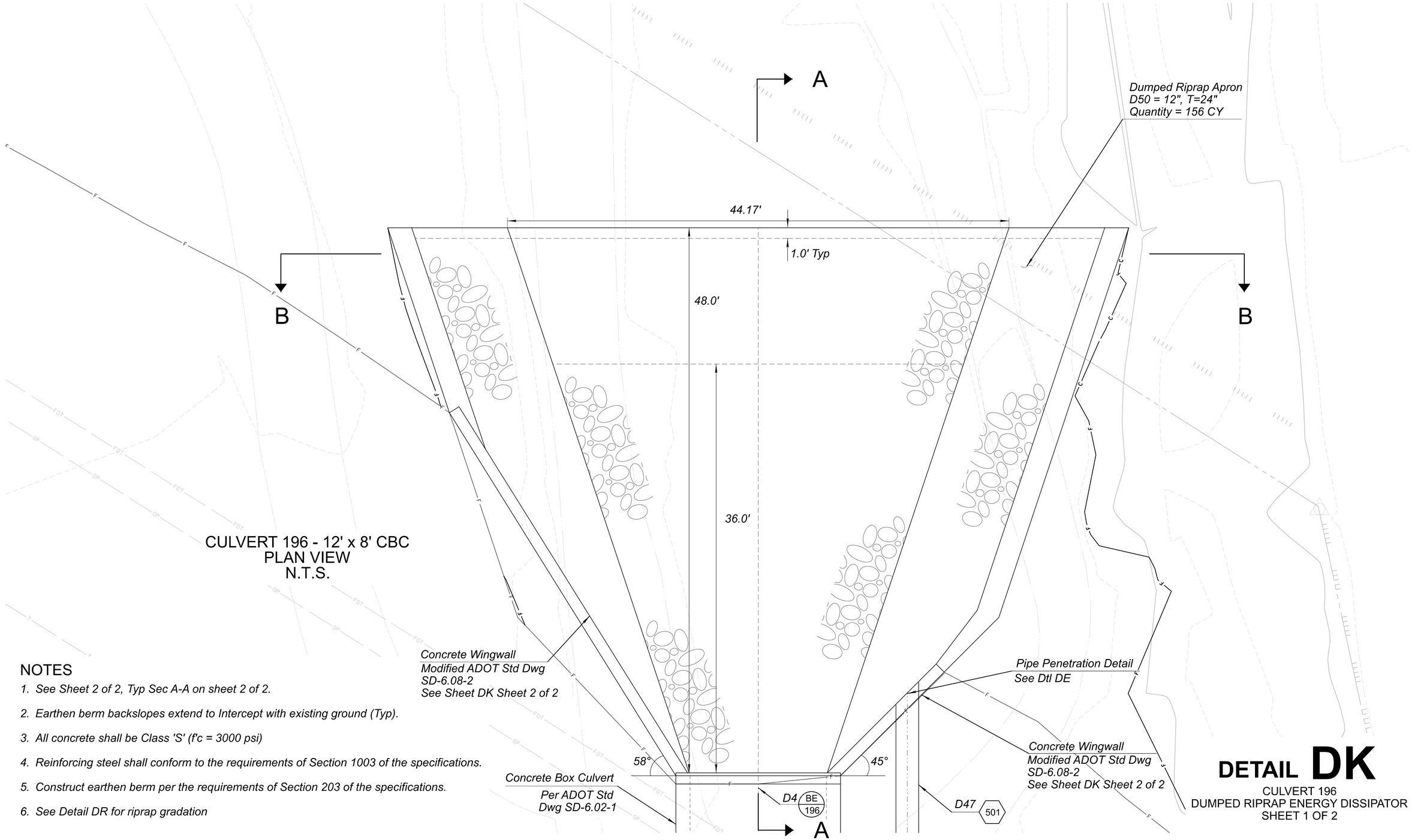
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	62	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. D-1.14

TRACS NO. F0738 01C

____ OF____



CULVERT 196 - 12' x 8' CBC
PLAN VIEW
N.T.S.

NOTES

1. See Sheet 2 of 2, Typ Sec A-A on sheet 2 of 2.
2. Earthen berm backslopes extend to Intercept with existing ground (Typ).
3. All concrete shall be Class 'S' (f'c = 3000 psi)
4. Reinforcing steel shall conform to the requirements of Section 1003 of the specifications.
5. Construct earthen berm per the requirements of Section 203 of the specifications.
6. See Detail DR for riprap gradation

DETAIL DK

CULVERT 196
DUMPED RIPRAP ENERGY DISSIPATOR
SHEET 1 OF 2

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

Registered Professional Engineer — CERTIFICATE 39264 — BILLIE DENETDALE — 06/26/26 — U.S. SIGNED — ARIZONA, U.S.A.

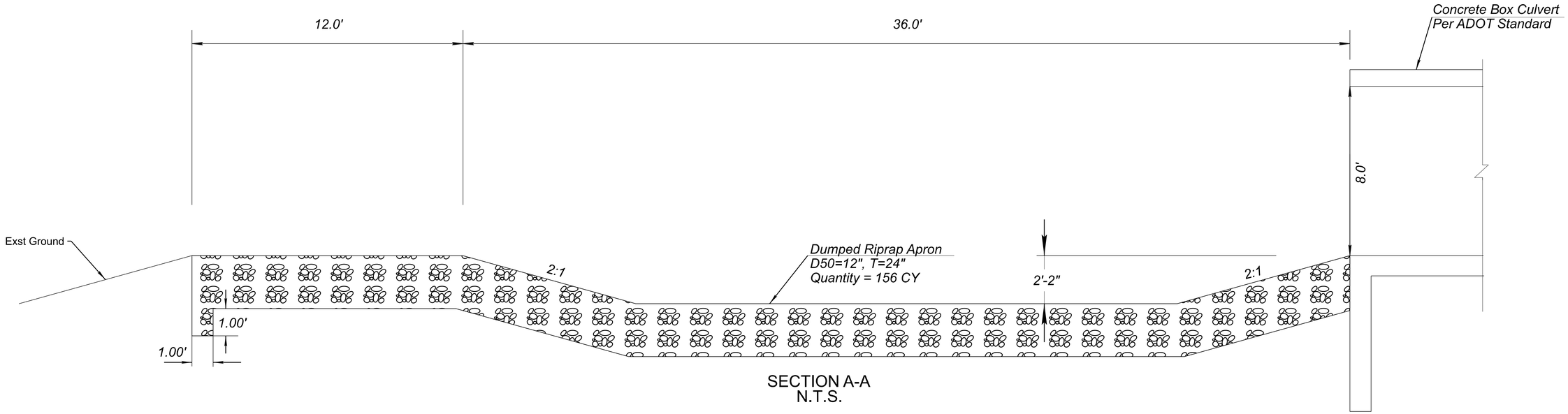
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ROADWAY DESIGN SERVICES
DETAIL DK - CULVERT 196
DUMPED RIPRAP ENERGY DISSIPATOR
SHEET 1 OF 2

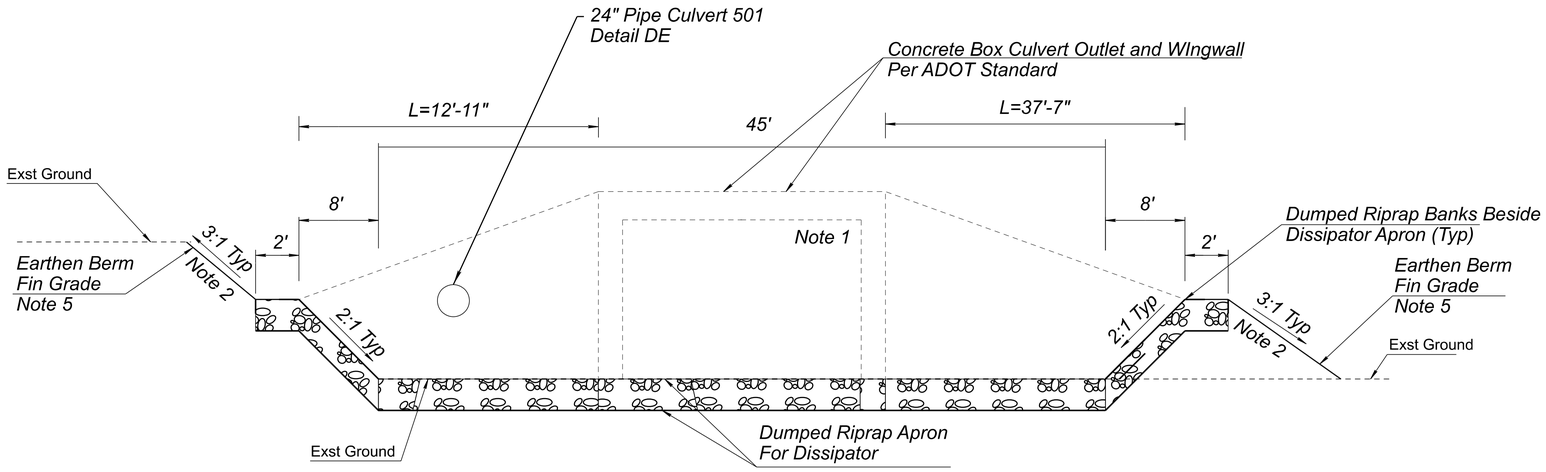
ROUTE: US 93
MILEPOST: 189.9
STRUCTURE NO.:

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	63	524	

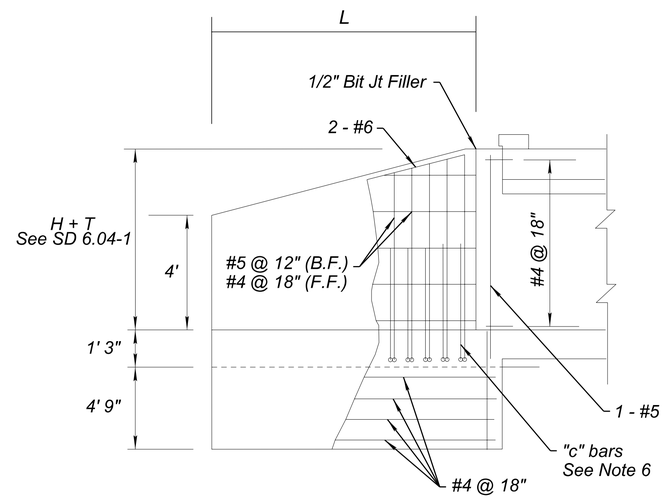
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. D-1.15
TRACS NO. F0738 01C
____ OF ____



SECTION A-A
N.T.S.



SECTION B-B
N.T.S.



MODIFIED CONCRETE WINGWALL
ELEVATION (N.T.S.)

NOTES

1. *See Sheet 1 of 2 for Plan View. See Typ Sec A-A on this sheet for dumped riprap basin dimensions.*
2. *Earthen berm backslopes extend to intercept with existing ground.*
3. *All concrete shall be Class 'S' (f'c = 3000 psi)*
4. *Reinforcing steel shall conform to ASTM Specification A615. All reinforcing shall be furnished as Grade 60.*
5. *Construct earthen berm per ADOT Specification Section 203.*
6. *Refer to ADOT SD-6.08-2 for Embankment slope 2:1 and Skew angle 0° for additional information about wingwall and footer dimension and reinforcement.*

DETAIL DK

CULVERT 196
DUMPED RIPRAP ENERGY DISSIPATOR
SHEET 2 OF 2

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

Registered Professional Engineer
BILLIE DENETDALE
CERTIFICATE NO. 59284
ARIZONA, U.S.A.
Civil Engineering

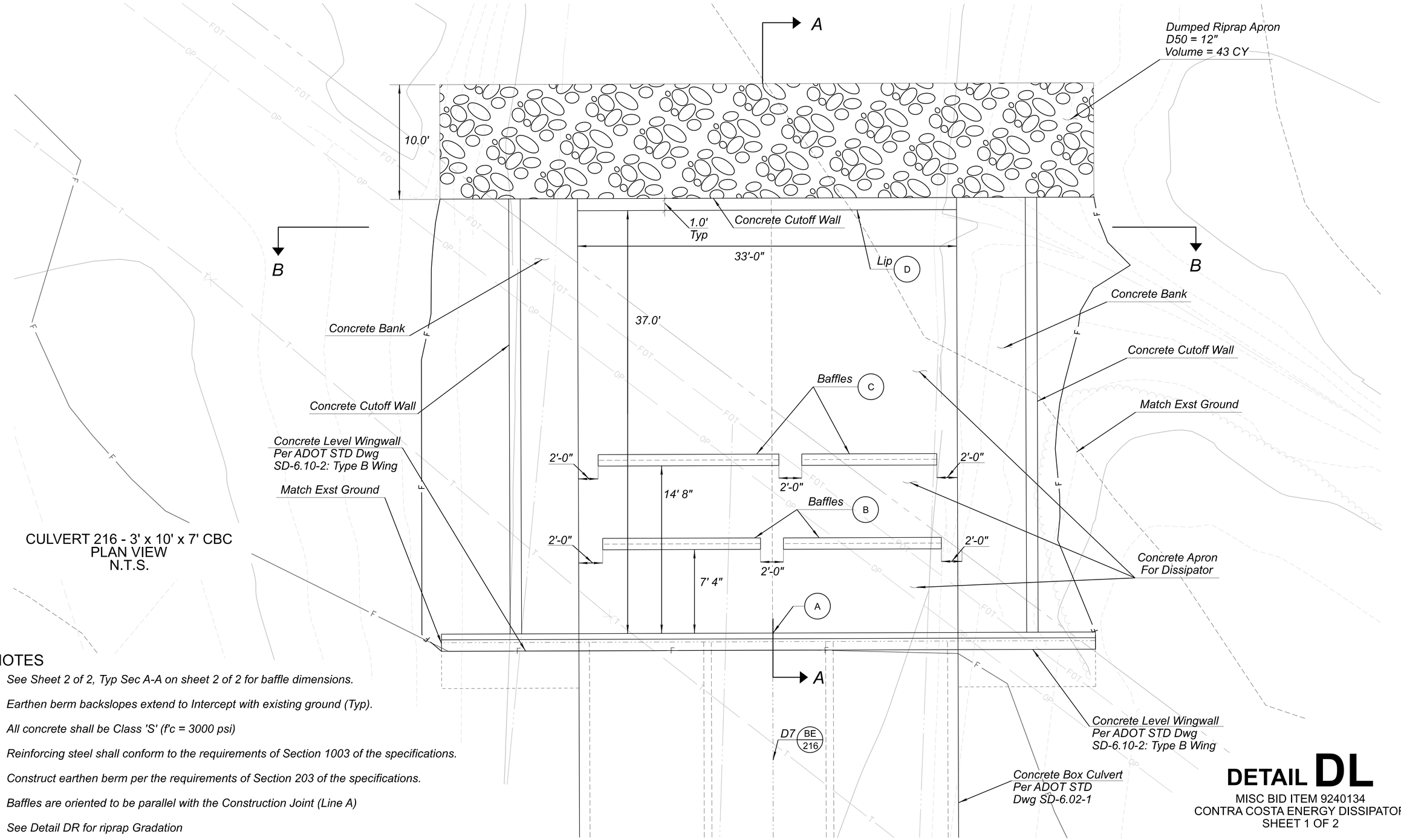
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DETAIL DK - CULVERT 196
DUMPED RIPRAP ENERGY DISSIPATOR
SHEET 2 OF 2

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	64	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. D-1.16
TRACS NO. F0738 01C
____ OF ____



CULVERT 216 - 3' x 10' x 7' CBC
PLAN VIEW
N.T.S.

NOTES

1. See Sheet 2 of 2, Typ Sec A-A on sheet 2 of 2 for baffle dimensions.
2. Earthen berm backslopes extend to Intercept with existing ground (Typ).
3. All concrete shall be Class 'S' (f'c = 3000 psi)
4. Reinforcing steel shall conform to the requirements of Section 1003 of the specifications.
5. Construct earthen berm per the requirements of Section 203 of the specifications.
6. Baffles are oriented to be parallel with the Construction Joint (Line A)
7. See Detail DR for riprap Gradation

DETAIL DL

MISC BID ITEM 9240134
CONTRA COSTA ENERGY DISSIPATOR
SHEET 1 OF 2

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

Registered Professional Engineer
06/26/26
BILLIE DENETDALE
Civil Engineering Specialist
ARIZONA, U.S.A.

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ROADWAY DESIGN SERVICES
DETAIL DL - CULVERT 216
CONTRA COSTA ENERGY DISSIPATOR
SHEET 1 OF 2

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	65	524	
MILEPOST 189.9						
STRUCTURE NO.						

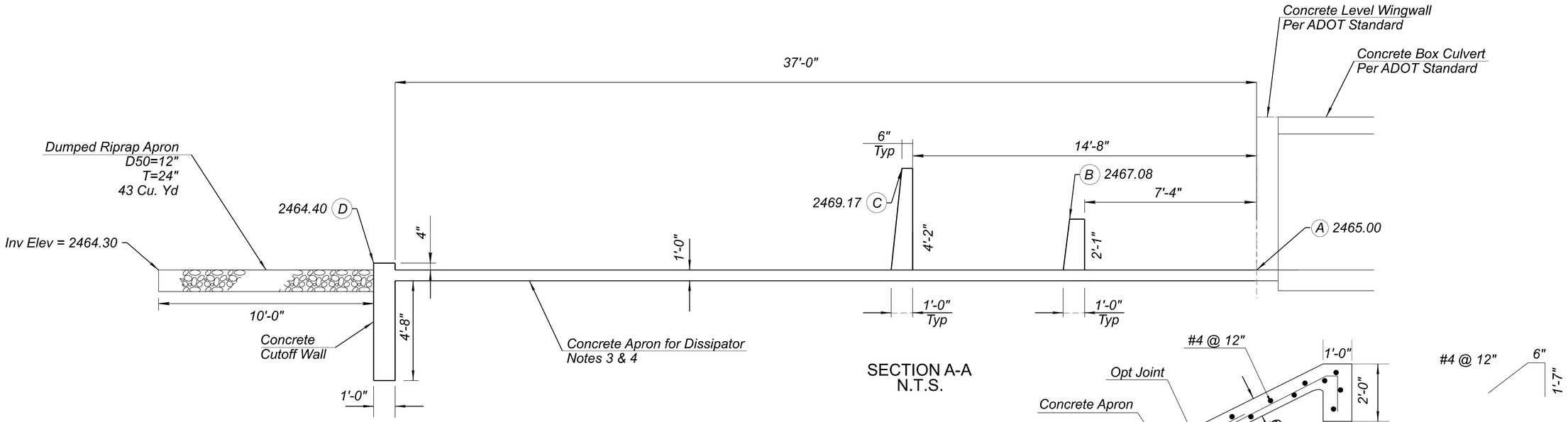
F.H.W.A. Arizona Division

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

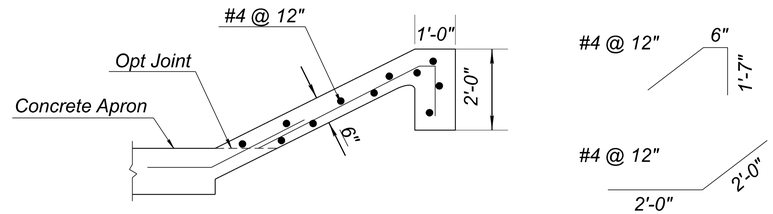
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TRACS NO. F0738 01C

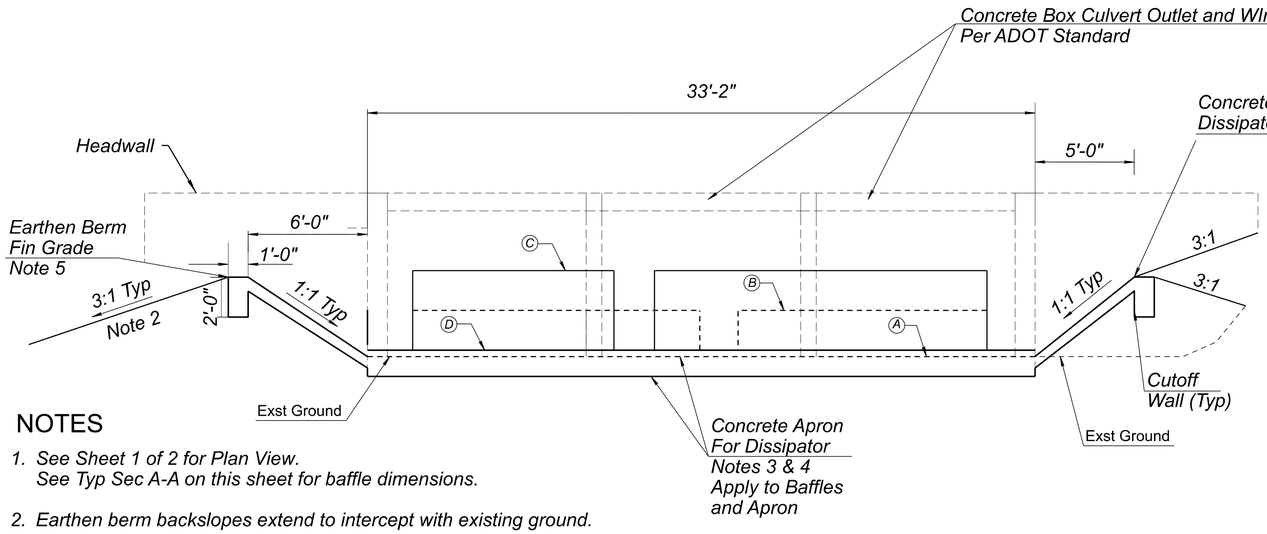
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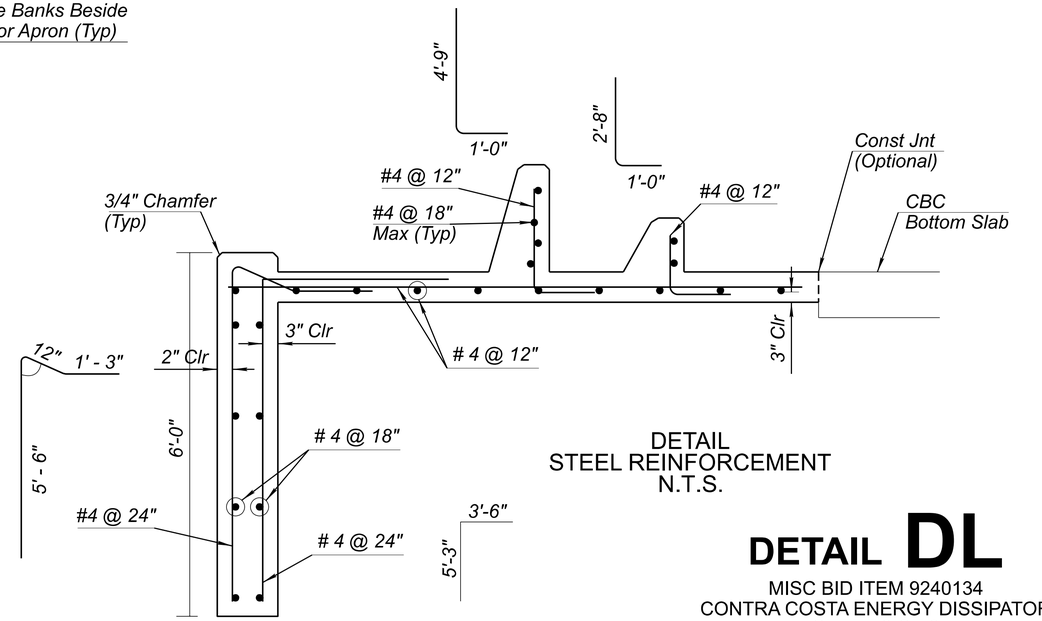
SECTION A-A
N.T.S.



CONCRETE BANK REINFORCEMENT DETAIL
N.T.S.



SECTION B-B
N.T.S.



DETAIL
STEEL REINFORCEMENT
N.T.S.

NOTES

1. *See Sheet 1 of 2 for Plan View.*
   See Typ Sec A-A on this sheet for baffle dimensions.
2. *Earthen berm backslopes extend to intercept with existing ground.*
3. *All concrete shall be Class 'S' (f'c = 3000 psi)*
4. *Reinforcing steel shall conform to ASTM Specification A615.*
   All reinforcing shall be furnished as Grade 60.
5. *Construct earthen berm per ADOT Specification Section 203.*
6. *Dumped Riprap Apron will be paid for separately under pay item 9130053*

DETAIL DL

MISC BID ITEM 9240134
CONTRA COSTA ENERGY DISSIPATOR
SHEET 2 OF 2

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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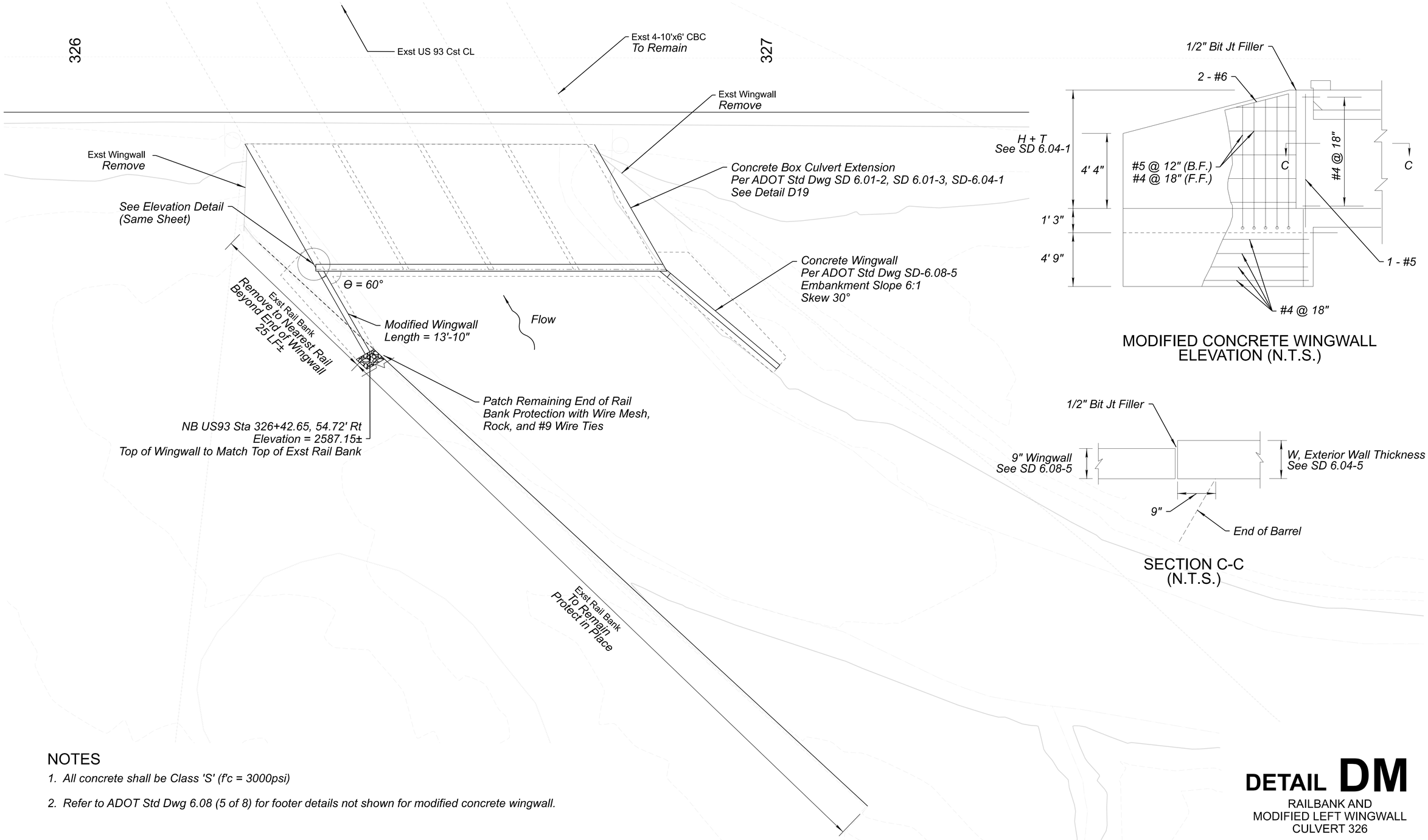
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
DETAIL DL - CULVERT 216
CONTRA COSTA ENERGY DISSIPATOR
SHEET 2 OF 2

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	66	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. D-1.18
TRACS NO. F0738 01C
____ OF ____



MODIFIED CONCRETE WINGWALL
ELEVATION (N.T.S.)

SECTION C-C
(N.T.S.)

NOTES

1. *All concrete shall be Class 'S' (f'c = 3000psi)*
2. *Refer to ADOT Std Dwg 6.08 (5 of 8) for footer details not shown for modified concrete wingwall.*

DETAIL DM

RAILBANK AND
MODIFIED LEFT WINGWALL
CULVERT 326

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

DETAIL DM - RAIL BANK AND
MODIFIED LEFT WINGWALL

ROUTE	STRUCTURE NO.
US 93	
MILEPOST	
189.9	

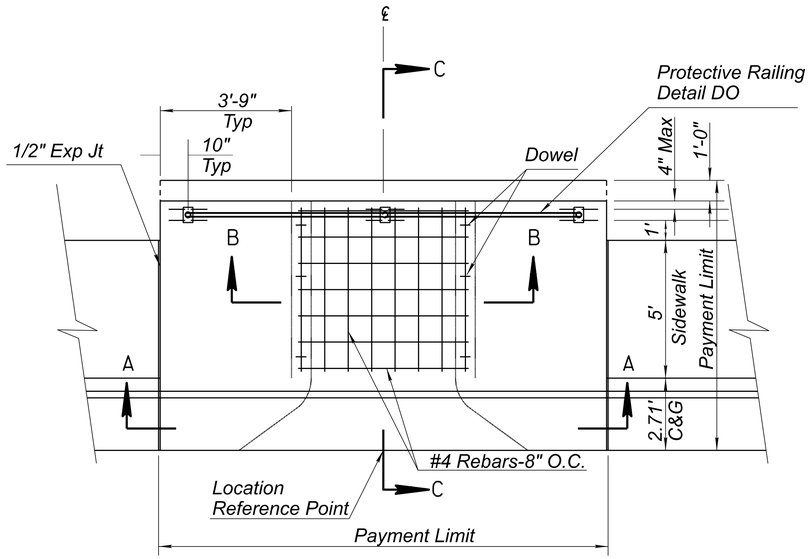
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	67	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

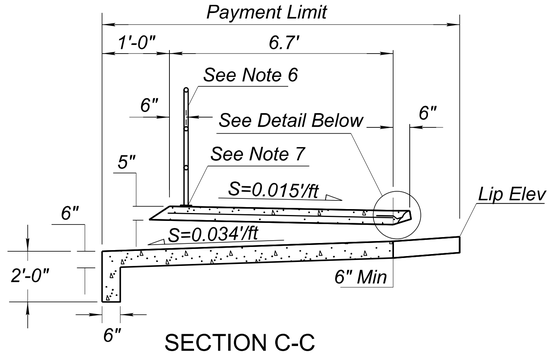
TRACS NO. F0738 01C

DWG No. D-1.19

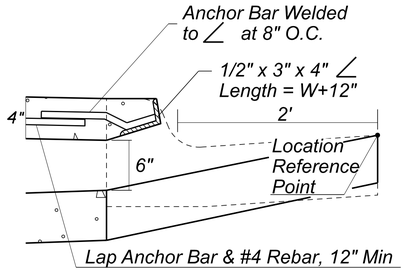
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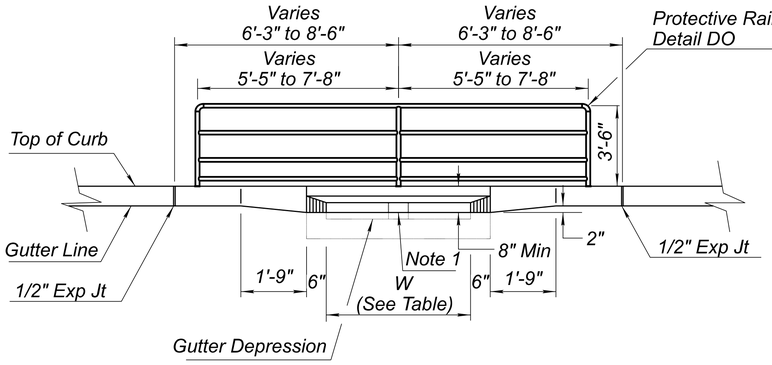


SCUPPER PLAN VIEW
N.T.S.

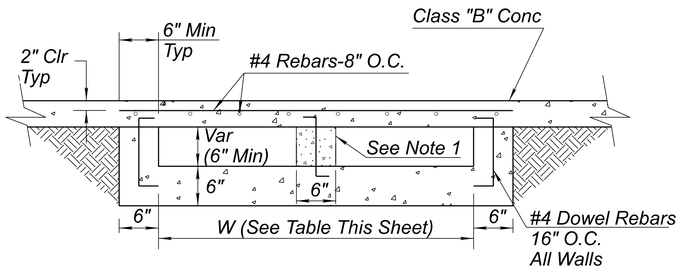


SECTION C-C
N.T.S.





SECTION A-A
N.T.S.



SECTION B-B
N.T.S.

NOTES

1. 6" Conc Walls Shall Be Constructed Between Each Barrel of Multi-cell Scuppers.
2. Expansion Joint Filler Shall Be 1/2" Bituminous Type Performed Expansion Joint Filler, ASTM D-1751.
3. Concrete shall be Class B in accordance with Section 1006 of the Specifications.
4. Payment for Protective Railing will be at the Contract Unit Price Per Linear Foot. Item 6110200.
5. Protective Rail shall be continuous between the scupper exterior.
6. Use welded plates for protective rail anchors located in the 5" thick concrete (see Detail DO).
7. Construct spillway with straight flowline slope between scupper flowline and toe of embankment slope.

US 93 Cst CL Station	No. of Barrels*	W (Ft)	Spillway Length Rock Mulch L_1(Ft)	Item 8101016 Rock Mulch (CY)
221+87.89	1	3	9.57	3
221+84.91	1	3	6.23	3
224+97.00	1	3	20.09	4
224+85.00	1	3	13.14	3

DETAIL DN

CONCRETE SCUPPER
SHEET 1 OF 3

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

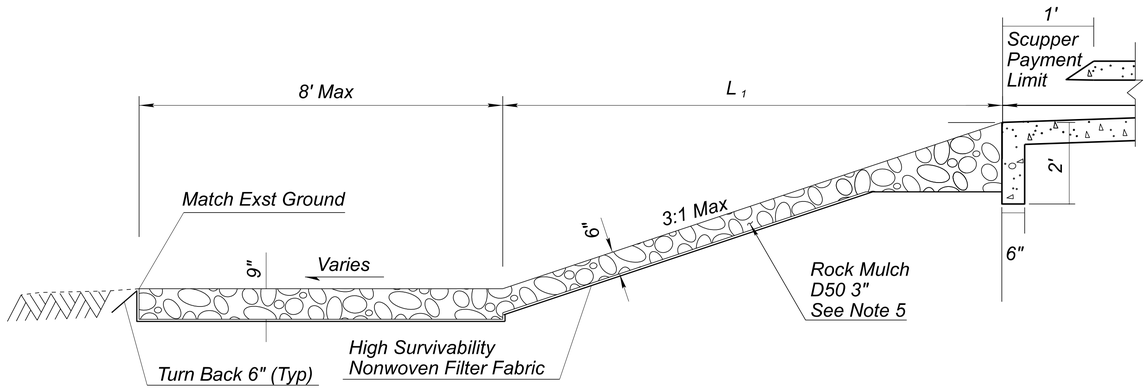
TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100

AECOM
www.aecom.com

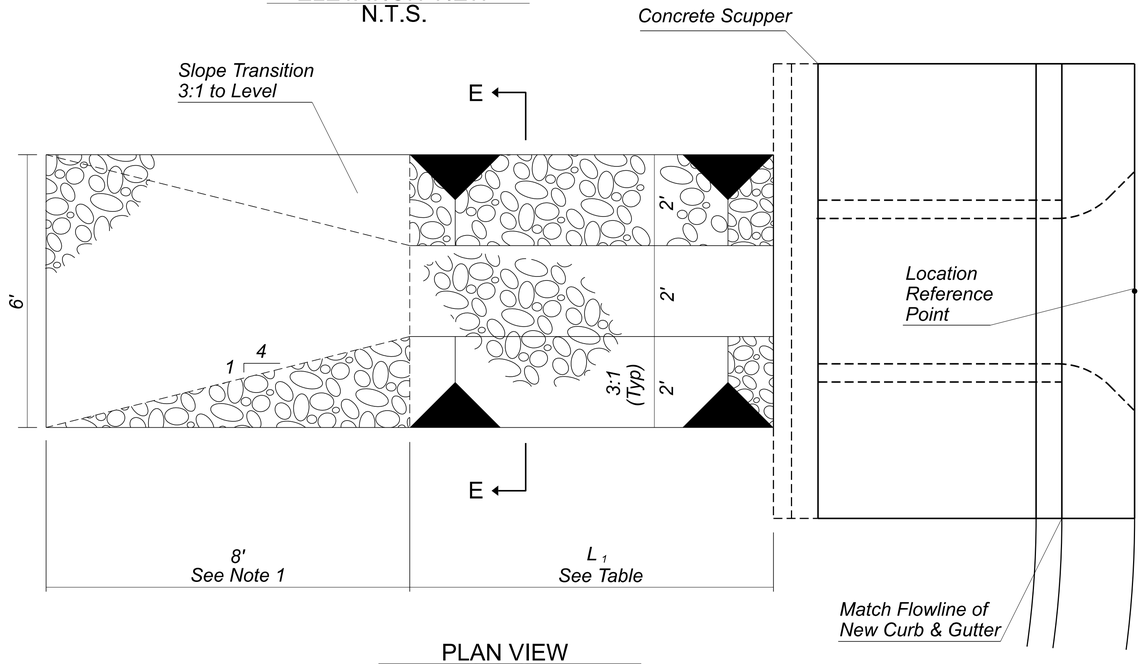
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

DETAIL DN - CONCRETE SCUPPER
SHEET 1 OF 3

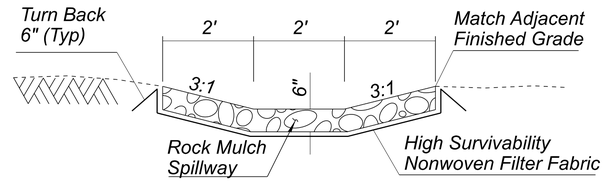
ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	68	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. D-1.20
	TRACS NO. F0738 01C					____ OF ____



ELEVATION VIEW
N.T.S.



PLAN VIEW
N.T.S.



SECTION E-E
N.T.S.

NOTES

1. *The Geometric Shape of the Apron May Vary to Match the Existing Site Conditions as Directed by the Engineer.*
2. *High Survivability Nonwoven Filter Fabric Shall be in Accordance with Section 1014 of the Specifications.*
3. *All new concrete shall be Class B, in Accordance with Section 1006 of the Specifications.*
4. *Install Rock Mulch such that top of surface matches adjacent finished grade.*
5. *Rock Mulch shall be in accordance with Section 810-2 of the Specifications, and shall be Gradation C.*

DETAIL DN

CONCRETE SCUPPER
SHEET 2 OF 3

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

Registered Professional Engineer
CERTIFICATE NO. 36824
BILLIE DENETDALE
Date Signed 06/26/26
ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
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Phoenix, Arizona 85020
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DETAIL DN - CONCRETE SCUPPER
SHEET 2 OF 3

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	69	524	
MILEPOST 189.9						
STRUCTURE NO.						

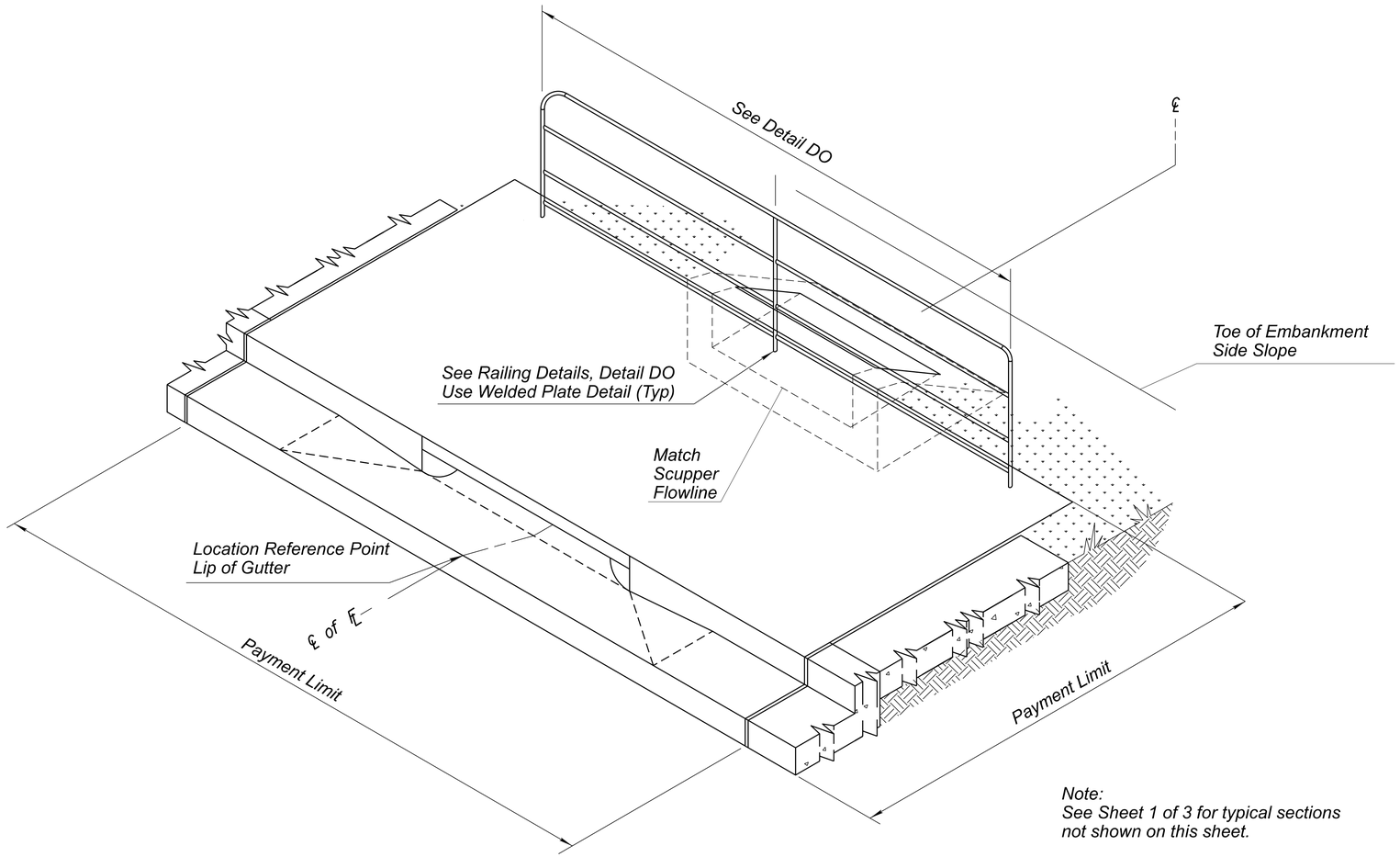
F.H.W.A. Arizona Division

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. D-1.21

TRACS NO. F0738 01C

____ OF____



Note:
See Sheet 1 of 3 for typical sections not shown on this sheet.

DETAIL DN

CONCRETE SCUPPER
SHEET 3 OF 3

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

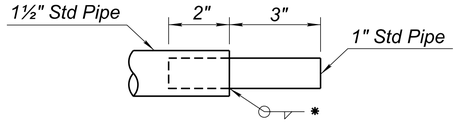
DETAIL DN - CONCRETE SCUPPER
SHEET 3 OF 3

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

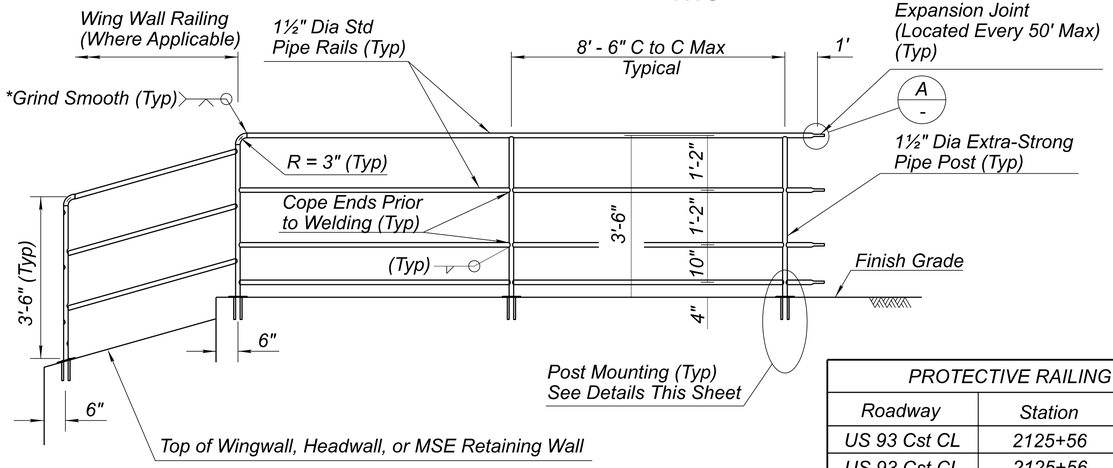
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	70	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE — DWG No. D-1.22

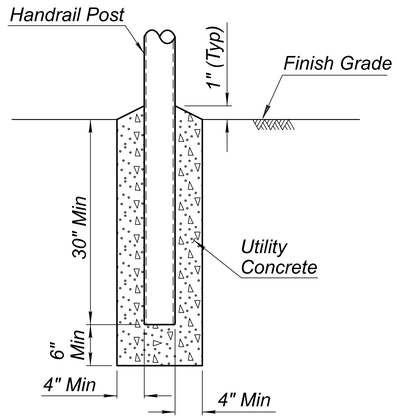
TRACS NO. F0738 01C — ____ OF ____



DETAIL A
NTS



PROTECTIVE RAILING
NTS



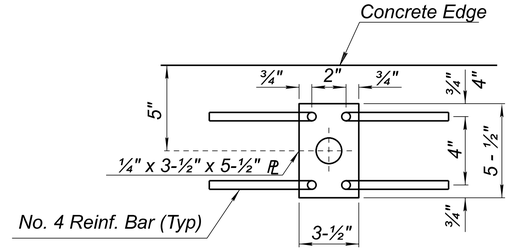
POST MOUNTING DETAIL
GROUND INSTALLATION DETAIL
NTS

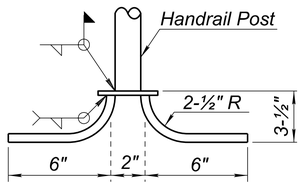
NOTES

1. *All welding shall be in accordance with Section 604-3.06 of the Specifications.*
2. *Posts shall be installed vertically. Railings shall be installed so that they are parallel to the Sidewalk or top of wall.*
3. *Pipe Shall be in Accordance With the Requirements of ASTM A 53, Type E or S, Grade B (Fy=35ksi).*
4. *Railing Assemblies Shall be Galvanized After Fabrication in Accordance With ASTM A 123.*
5. *Vertical Posts To Be Evenly Spaced.*
6. *Remove All Sharp Edges.*
7. *The Embedment for Anchor Types 1 and 2 Shall Be Located Inside the Wall Reinforcement Cage.*

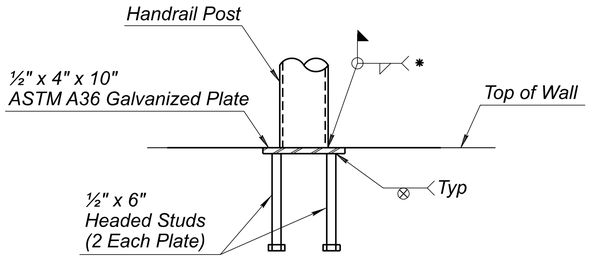
PROTECTIVE RAILING QUANTITIES			
Roadway	Station	Side	Length (LF)
US 93 Cst CL	2125+56	Lt	40'
US 93 Cst CL	2125+56	Rt	29'
Wickenburg Ranch Way	57+51	Lt	41'
Wickenburg Ranch Way	57+51	Rt	50'
Abut 1 Wall	*		
Abut 2 Wall	*		
SB US 93	221+89	Rt	11'
SB US 93	221+86	Lt	11'
SB US 93	224+98	Rt	11'
SB US 93	224+88	Lt	11'

**See Bridge Plans for Retaining Wall Handrail Quantities*



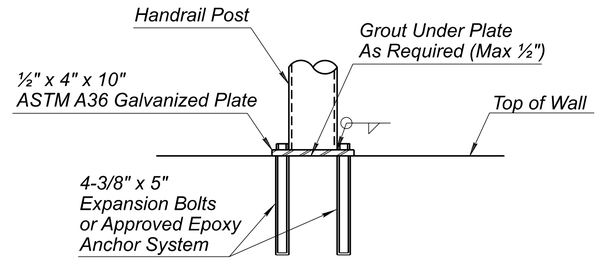


SCUPPER MOUNTING DETAIL
WELDED PLATE DETAIL
NTS



WALL MOUNTING DETAIL OPTION 1
ANCHOR PLATE DETAIL
NTS

**Coat After Welding With an Approved Organic Zinc Rich Coating Intended for Repair of Galvanized Steel Surfaces.*



WALL MOUNTING DETAIL OPTION 2
EXPANSION BOLT DETAIL
NTS

DETAIL DO

METAL HANDRAIL

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
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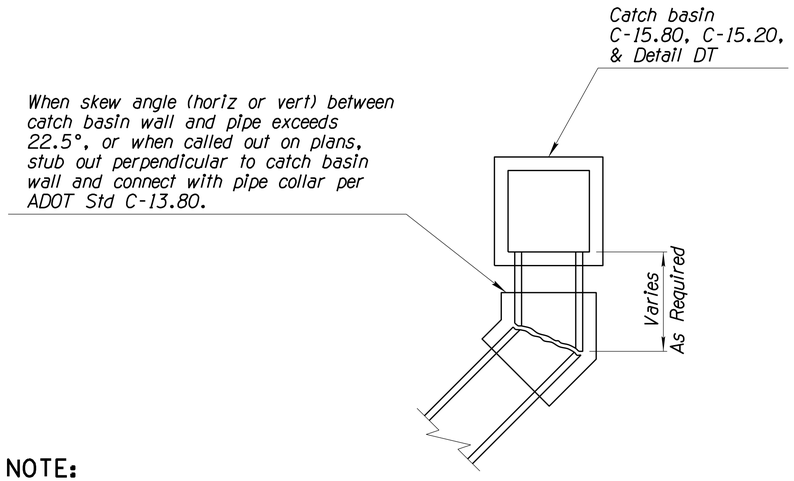
DETAIL DO - METAL HANDRAIL

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	71	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. D-1.23
TRACS NO. F0738 01C
____ OF____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	72	524	
		093 YV 189			



NOTE:
No measurement or direct payment will be made for the pipe connection or pipe collar, the cost being considered as included in the cost of the pipe.

PLAN VIEW
PIPE CONNECTION DETAIL
N.T.S.

DETAIL DP

	NAME	DATE
DESIGN	JML	06-26
DRAWN	EM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

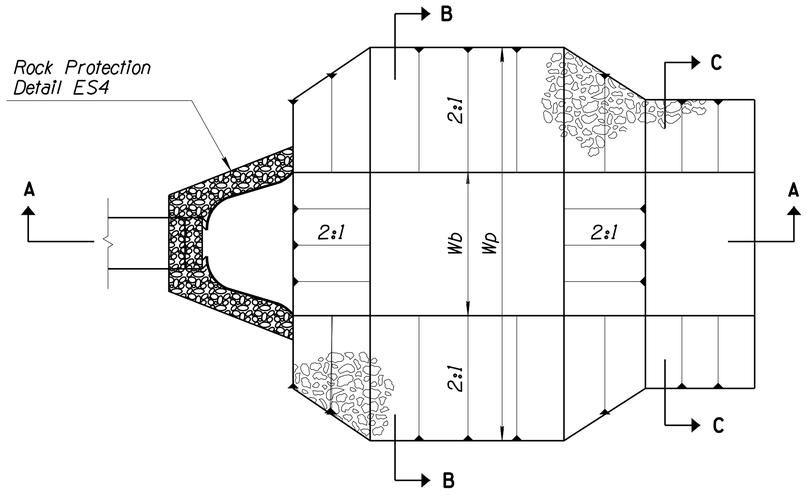
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

DETAIL DP
PIPE CONNECTION DETAILS

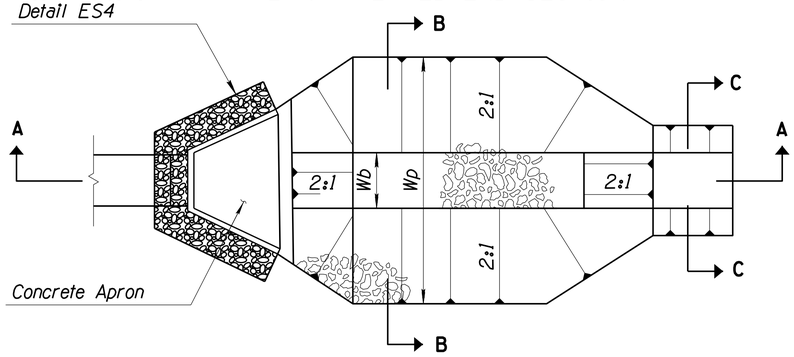
Registered Professional Engineer, Civil
86727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. D-1.24
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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		093 YV 189			



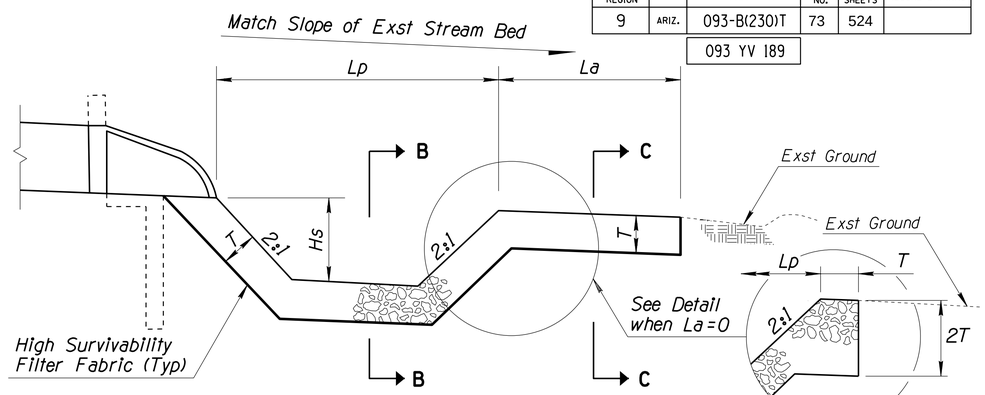
PLAN - FLARED END SECTION



PLAN - HEADWALL

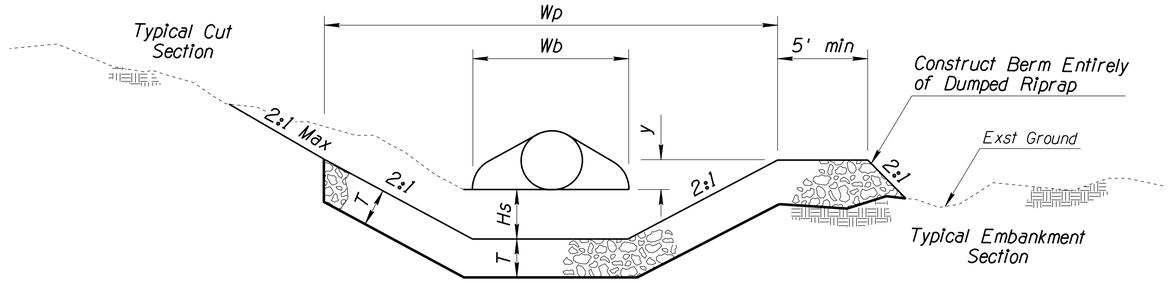
DESIGN GRADATION FOR RIPRAP CLASSIFICATION (D_{50})

Gradation		D_{50} (in)	D_{50} (in)	D_{50} (in)
% Passing	Size	6	9	12
100-90	2.0 D_{50}	12	18	24
85-70	1.5 D_{50}	9	12	18
50-30	1.0 D_{50}	6	9	12
15-5	0.67 D_{50}	4	6	8
5-0	0.33 D_{50}	2	3	4

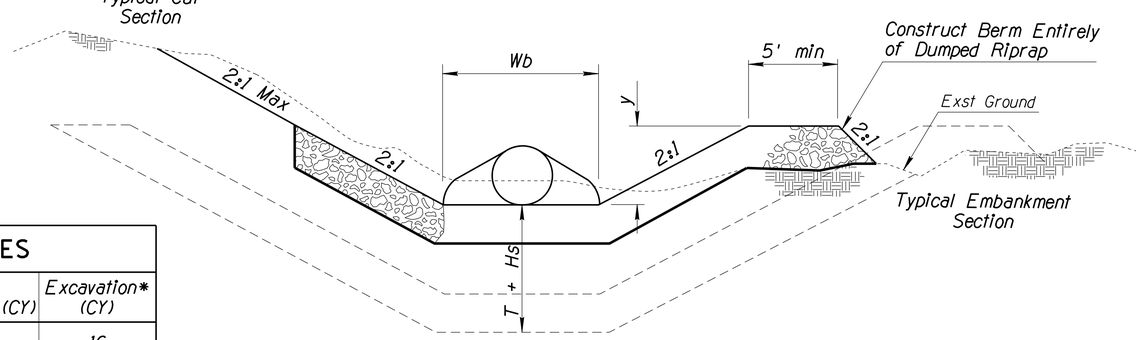


SECTION A-A

DETAIL



SECTION B-B



SECTION C-C

NOTES:

1. Align basin within existing wash so that the culvert discharges into the plunge pool and the downstream edge of the apron is perpendicular to the flow line of the existing channel.
2. Warp basin to conform to natural stream channel. Top of riprap in floor of basin should be at the same elevation or lower than natural channel bottom.

RIPRAP BASIN TABLE											QUANTITIES		
Ref No.	Detail	Location Station	D_{50} (in)	T (in)	Hs (ft)	y (ft)	Lp (ft)	La (ft)	Wp (ft)	Wb (ft)	Vol of Riprap (CY)	Drainage Excavation (CY)	Excavation* (CY)
131	D26	57+51	6	12	0.5	1.5	12	4	38	30	16	35	16
132	D27	2+14	12	24	0.5	1.0	9	3	15	9	8	7	8
133	D28	4+39	12	24	0.5	1.0	9	3	15	9	8	7	8
134	D29	8+53	12	24	0.5	1.0	9	3	20	14	12	10	12
135	D30	15+93	12	24	0.5	1.0	9	3	20	14	12	10	12
PE 2	D22	119+77	12	24	0.5	1.0	5	0	11.7	5.7	4	3	4
PE 3	D23	125+23	6	12	0.5	1.0	5	0	11.7	5.7	2	3	2
BE 1	D3	2156+28	6	12	1.8	4.0	18	8.8	32	14	26	85	26
									TOTAL:		88	160	88

* Riprap Excavation is for Information Only

DETAIL DR

RIPRAP BASIN

	NAME	DATE
DESIGN	JML	06-26
DRAWN	EM	06-26
CHECKED	DBK	06-26

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3133 East Camelback Road, Suite 100
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Phone: (602) 333-2200

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ROADWAY DESIGN SERVICES

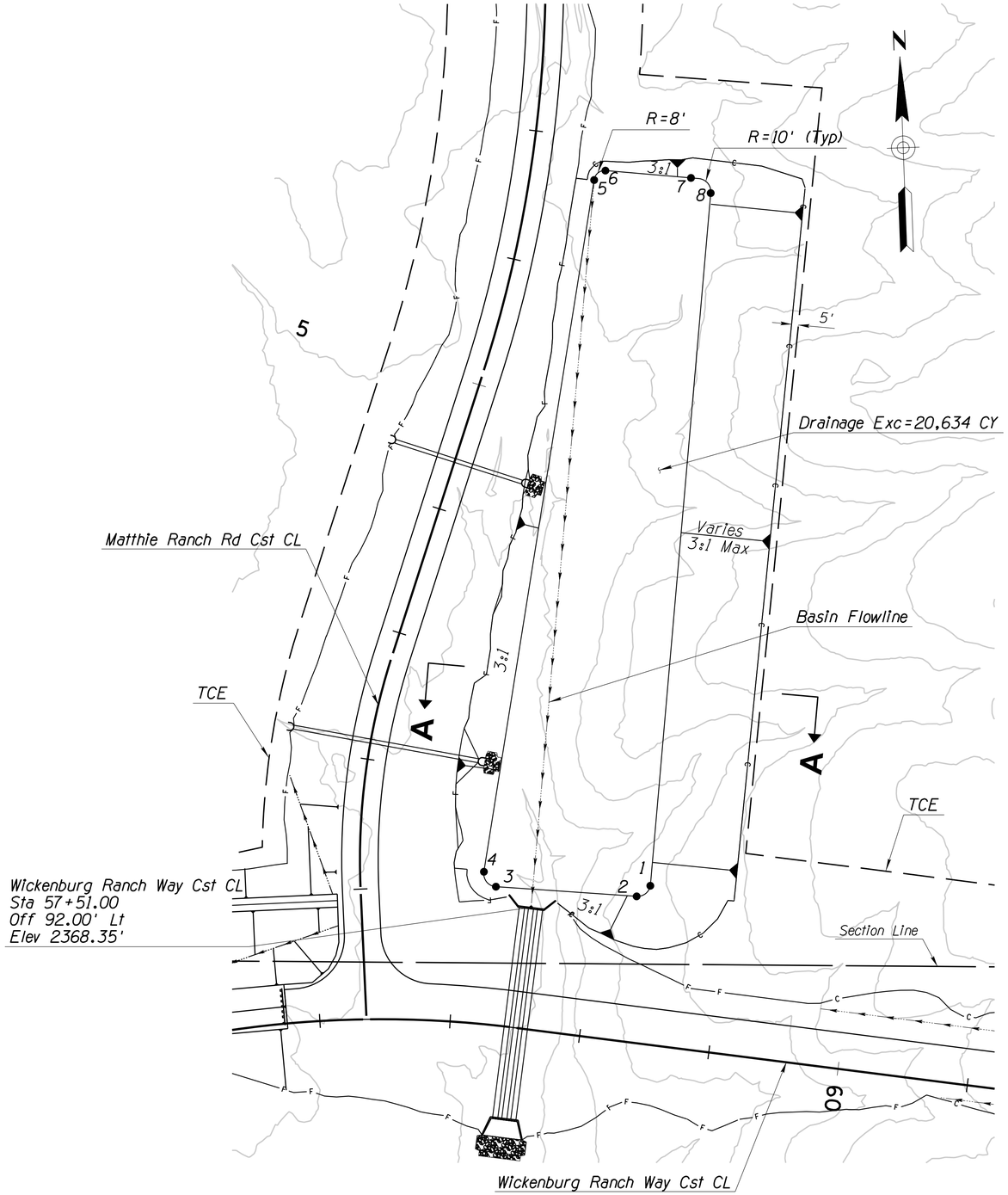
DETAIL DR
RIPRAP BASIN

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

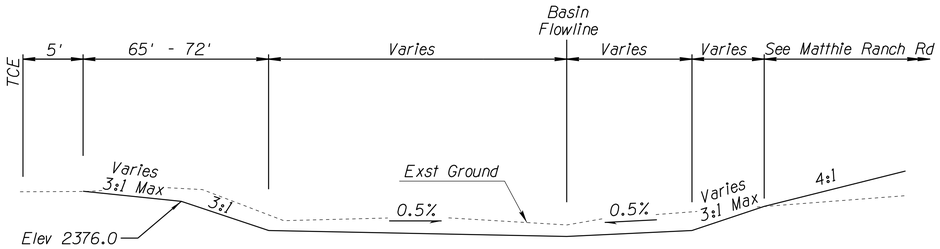
ROUTE	LOCATION	DWG NO. D-1.25
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	74	524	
		093 YV 189			



BASIN GEOMETRIC DATA			
PT. NO	NORTHING	EASTING	ELEV
1	431771.98	1097964.48	2369.32
2	431761.46	1097956.35	2369.26
3	431653.45	1097963.78	2368.62
4	431644.24	1097975.23	2368.72
5	431728.85	1098505.91	2379.14
6	431737.50	1098513.19	2379.19
7	431809.24	1098507.04	2379.57
8	431818.31	1098495.87	2379.45



SECTION A-A
Not to Scale

DETAIL DS

	NAME	DATE
DESIGN	JML	06-26
DRAWN	EM	06-26
CHECKED	DBK	06-26

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3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

DETAIL DS
BASIN DETAIL

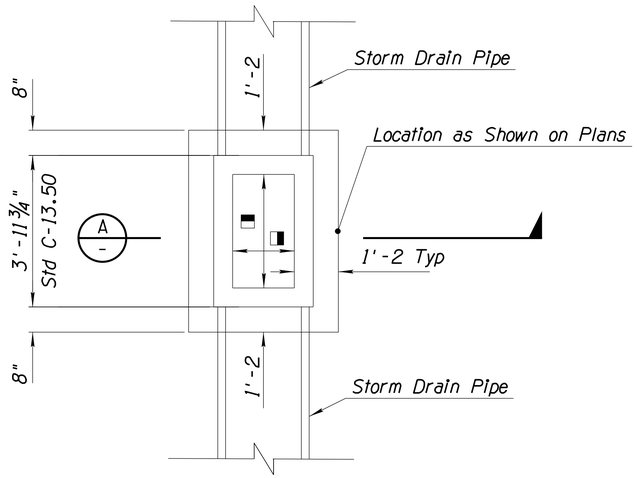
Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 04/28/26
ARIZONA, U.S.A.

ROUTE	LOCATION		
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE		DWG NO. D-1.26
TRACS NO. F0738 01C		093-B(230)T	___ OF ___

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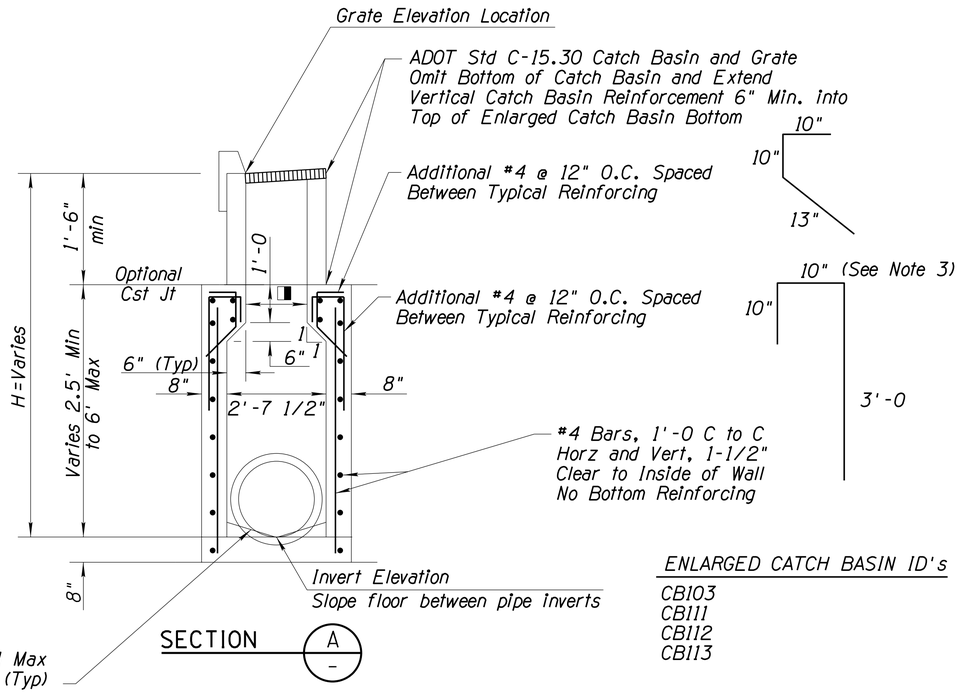
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	75	524	
		093 YV 189			

NOTE:
For Catch Basin Grates Reinforcement, Dimensions, and Notes Not Shown See Detail C-15.30.



PLAN

◨ *Dimension between inside walls of corbels shall match the inside dimension of catch basin.*



ENLARGED CATCH BASIN DETAIL

ENLARGED CATCH BASIN ID's

CB103
CB111
CB112
CB113

For phased construction of CB 112, the contractor shall drill and epoxy a #5 dowel at Optional Construction Joint. See Doweling Notes.

NOTES:
1. *Catch basin materials per ADOT Std C-15.30.*
2. *See C-15.30 for details, dimensions, reinforcing, and items not shown.*
3. *Catch Basin will be measured and paid for under Item 5030606 - Concrete Catch Basin (Detail DT)*
4. *No measurement or direct payment will be made for the doweling (drill & epoxy), the cost being considered as included in the cost of the catch basin.*

DOWELING NOTES:
Diamond Core 1 inch diameter hole minimum 8 inches deep for #5 Dowel. Epoxy dowel in hole with an approved epoxy adhesive. Epoxy anchorage shall develop a tensile strength of 18 kips for dowels.

Details of the anchorage system shall be submitted to the Engineer for approval prior to installation.

DETAIL DT

	NAME	DATE
DESIGN	JML	06-26
DRAWN	EM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
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Phone: (602) 333-2200

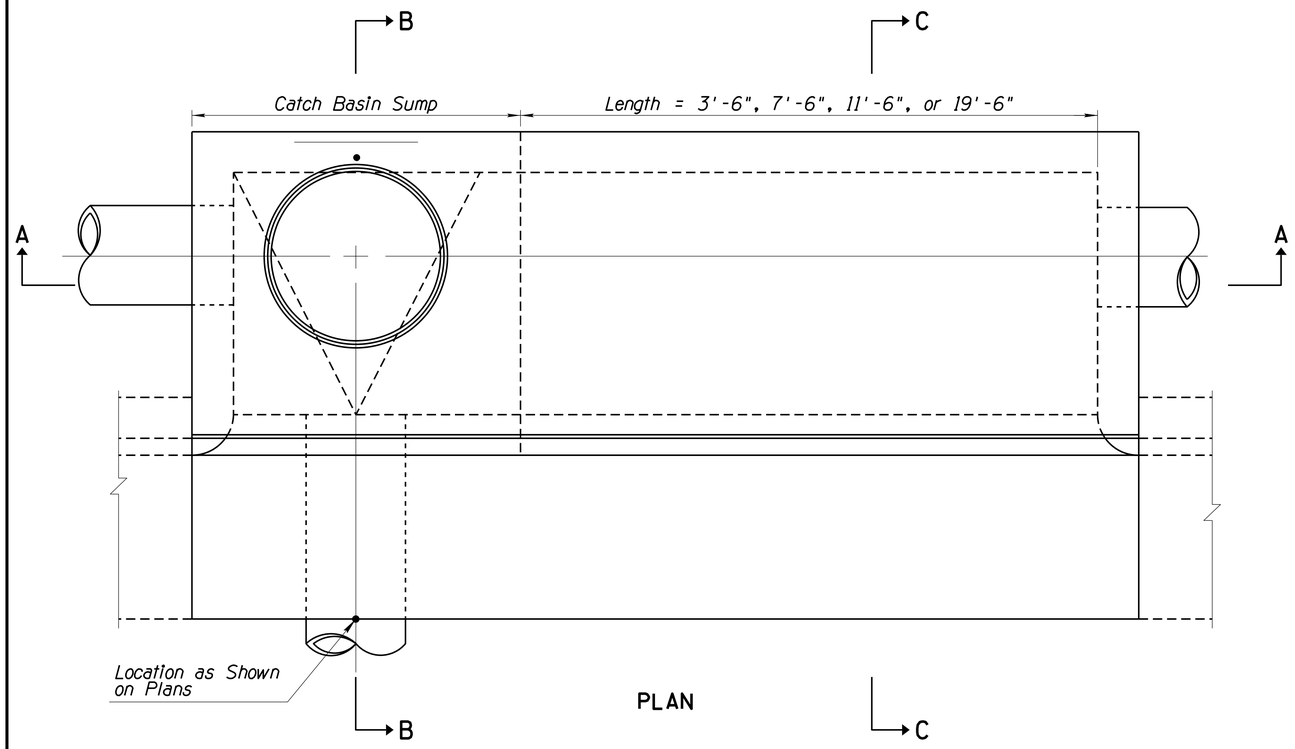
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

DETAIL DT
ENLARGED CATCH BASIN

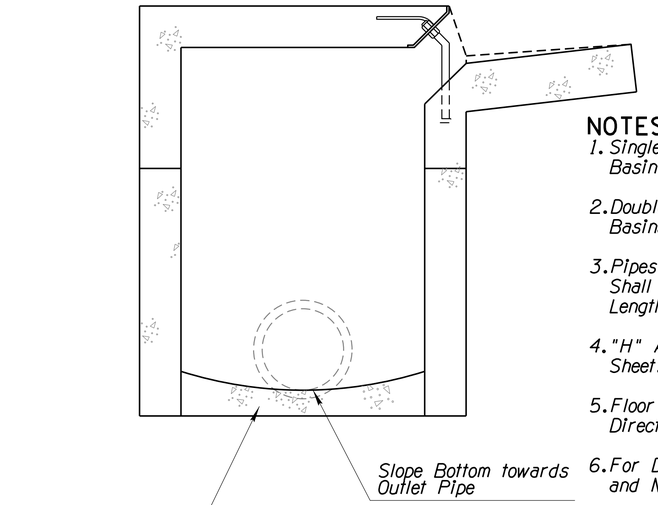
Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. D-1.27
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	76	524	
		093 YV 189			



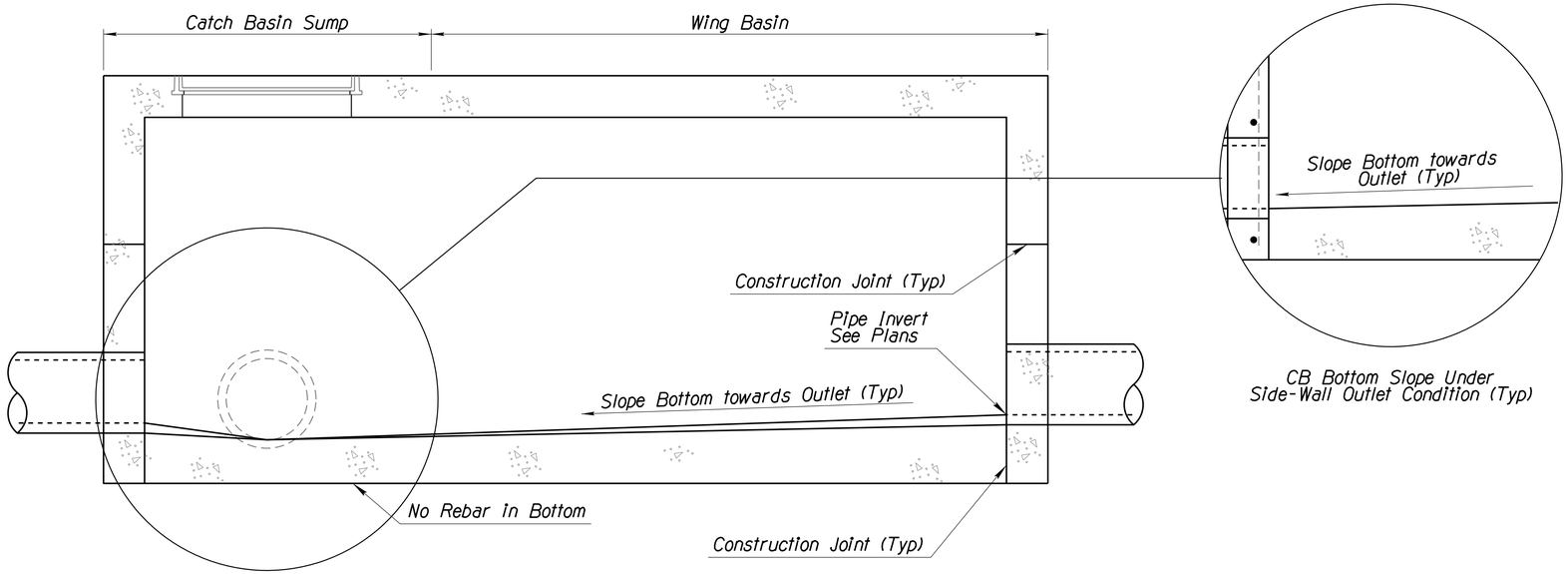
PLAN



SECTION C-C

NOTES:

1. Single CB (Illustrated), Sump With Wing Basin Upstream.
2. Double CB Sump With Symmetrical Wing Basins Each Side.
3. Pipes Can Be Placed In Any Wall. Pipe Shall Be Trimmed To Final Shape And Length Before Concrete Is Placed.
4. "H" As Indicated on Pipe Summary Sheet.
5. Floor of Basin Shall Slope from All Directions to the Outlet.
6. For Dimensions, Reinforcement, Details, and Notes, See Std C-15.20.
7. Catch Basin will be measured and paid for under Item 5030610 - Concrete Catch Basin (Detail DU).



SECTION A-A

CB Bottom Slope Under Side-Wall Outlet Condition (Typ)

DETAIL DU

	NAME	DATE
DESIGN	JML	06-26
DRAWN	EM	06-26
CHECKED	DBK	06-26

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

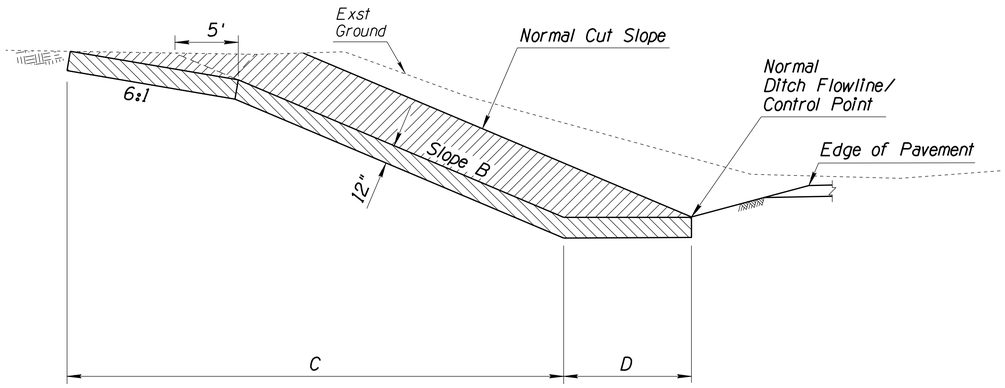
Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

DETEAIL DU
MODIFIED CATCH BASIN

Registered Professional Engineer (Civil)
46727
DIANA B KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. D-1.28
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

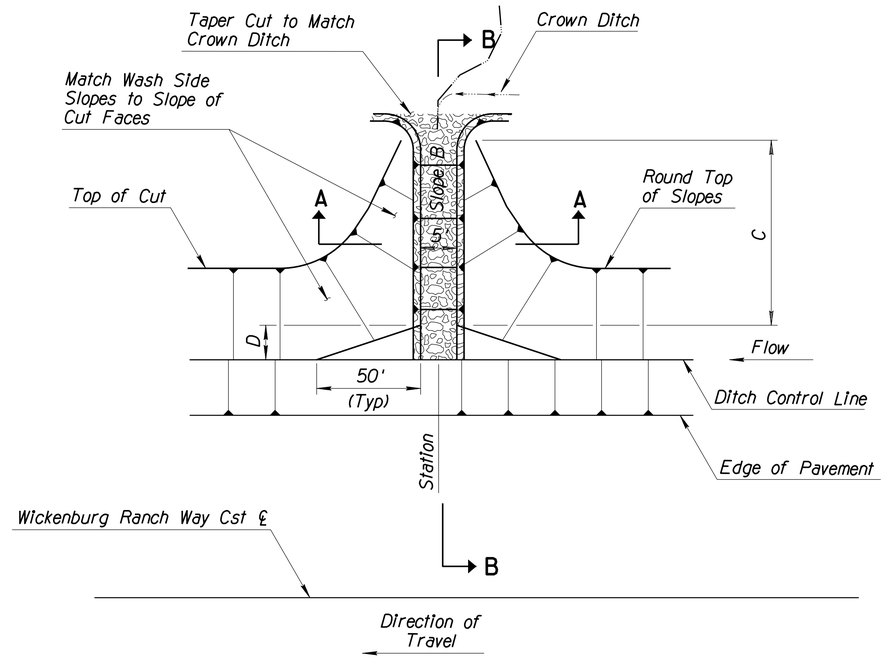
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	77	524	
		093 YV 189			



Drainage Excavation Limits

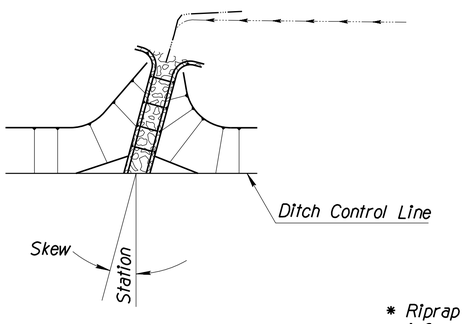
Riprap Excavation Limits

SECTION B-B

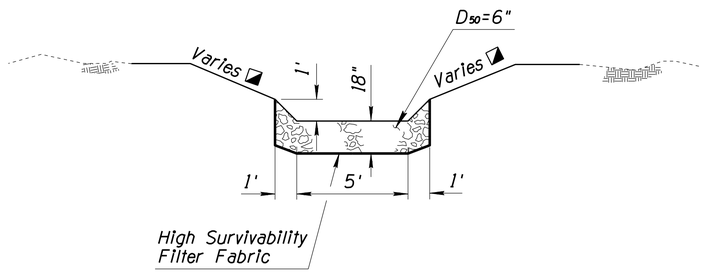


PLAN

INTERCEPTED DRAINAGE							
Location	Skew (degrees)	B	C (ft)	D (ft)	Riprap Volume (CY) D_{50}=6"	Riprap Excavation* (CY)	Drainage Excavation** (CY)
Wickenburg Ranch Way Cst ℄ Sta 68+29	45	6:1	63	6	18	18	15



DETAIL SKEW



SECTION A-A

◪ Slope Varies from Roadway Cut Slope to 6:1

* Riprap Excavation is for Information Only.

** Drainage Excavation is based on Additional Excavation Beyond the Typical Cut Slope called out in Plans.

NOTES:

1. Intercepted drainage locations shall be verified in the field by the Engineer prior to construction.
2. See Detail DR for Riprap Gradations.

DETAIL DV

	NAME	DATE
DESIGN	JML	06-26
DRAWN	EM	06-26
CHECKED	DBK	06-26

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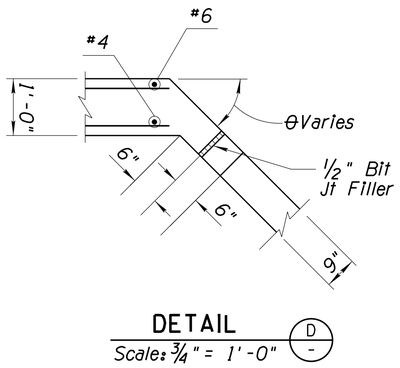
DETAIL DV
INTERCEPTED DRAINAGE

Registered Professional Engineer — 46727 DIANA B. KELLY — Date Signed 06/30/26 — ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. D-1.29
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

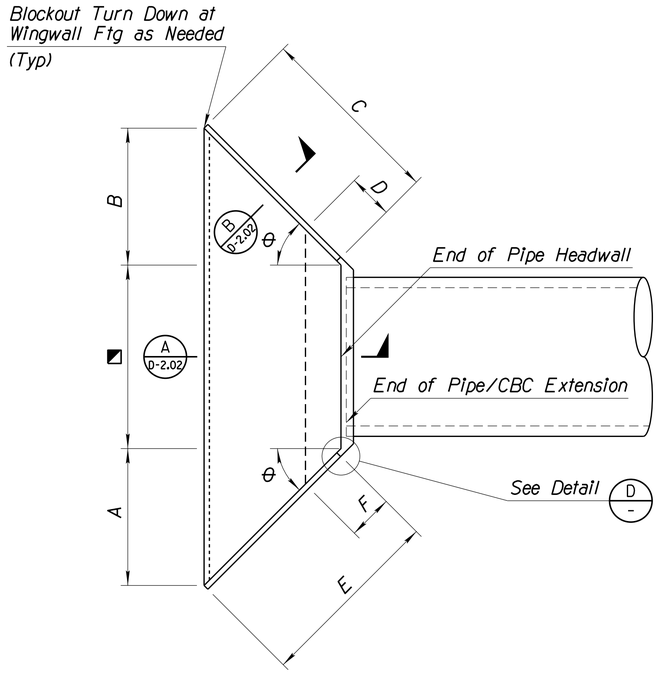
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	78	524	
		093 YV 189			



DETAIL D
Scale: 3/4" = 1'-0"

DIMENSIONS										
			NORTH WINGWALL			SOUTH WINGWALL				
Plan Reference	A	B	θ (Degrees)	C	D	θ (Degrees)	E	F	G
105	11'-4"	11'-4"	45	10'-10"	2'-10"	45	10'-10"	2'-10"	5'-3"



◩ See Std Dwg No. SD 6.30 for Details and Dimensions not shown.

INLET PLAN VIEW
NTS

ELEVATIONS					
Plan Reference	H	J	K	L	M
105	2406.93	2408.75	2409.75	2412.43	2404.93

GENERAL NOTES:

1. Construction Specifications - Arizona Department of Transportation Standard Specifications for Road & Bridge Construction, 2021 Edition.
2. Design Specifications - AASHTO Standard Specifications for Highway Bridges, 17th Edition, 2002.
3. Dead Load - Weight of backfill = 120 pcf
   Angle of internal friction = 33.25°
4. All concrete shall be Class 'S' unless noted otherwise.
5. Reinforcing steel shall conform to ASTM Specification A615. All reinforcing shall be furnished as Grade 60.
6. All bends & hooks shall meet the requirements of AASHTO Article 8.23. All bend dimensions for reinforcing steel shall be out-to-out of bars. All placement dimensions for reinforcing steel shall be to center of bars unless noted otherwise.
7. All reinforcing steel shall have 2 inch clear cover unless noted otherwise.
8. Stresses:
   Class 'S' Concrete..... f'_c = 3,000 psi
   Grade 60 reinforcement..... f_s = 24,000 psi
9. Chamfer all exposed corners 3/4" unless noted otherwise.
10. Dimensions shall not be scaled from drawings.
11. Depressed inlet will be measured and paid for under Item No. 6016099 - Headwall (48") (Detail DW).

DETAIL DW

Sheet 1 of 2

HEADWALL

	NAME	DATE
DESIGN	DK	06-26
DRAWN	DK	06-26
CHECKED	MEW	06-26

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

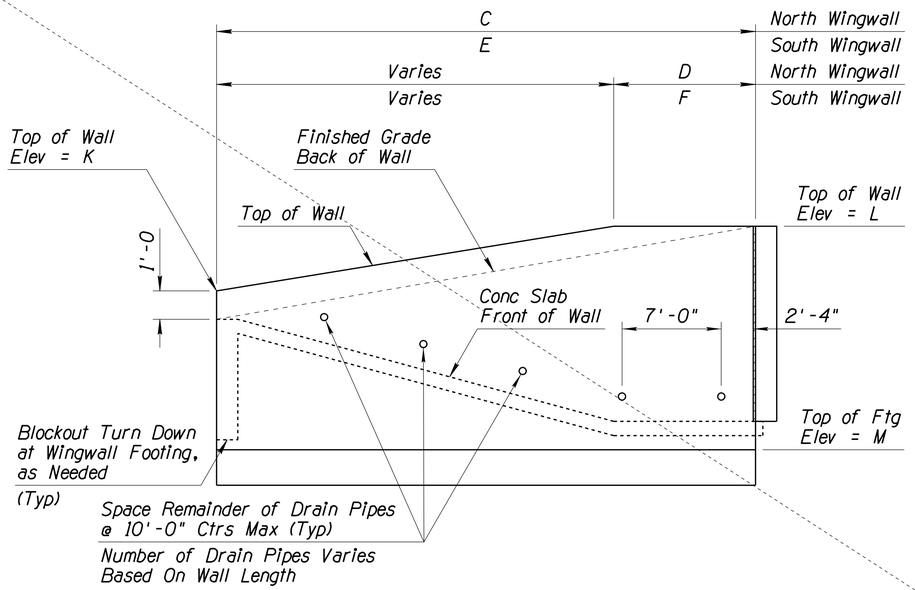
Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

DETAIL DW
HEADWALL

Registered Professional Engineer, Civil
86727
DIANA B. KELLY
Date Signed 12/31/26
ARIZONA, U.S.A.

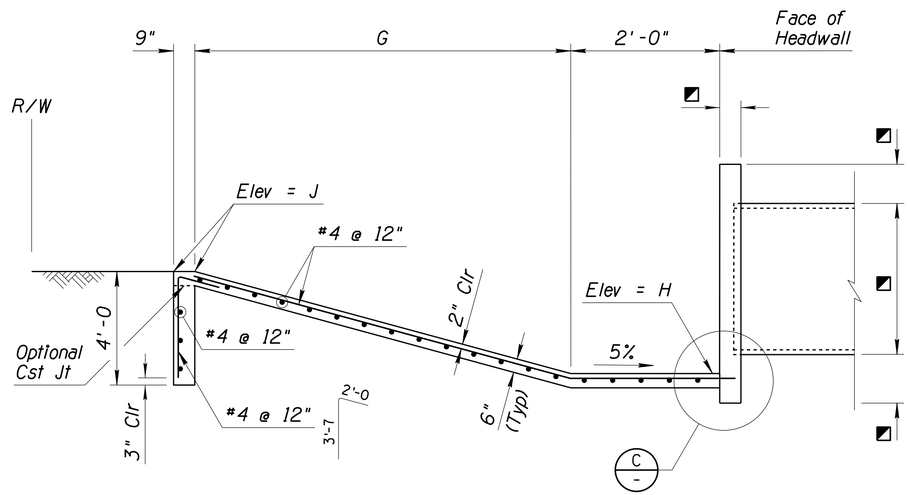
ROUTE	LOCATION	DWG NO.
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	D-1.30
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	79	524	
		093 YV 189			



WINGWALL ELEVATION

Scale: 3/8" = 1'-0"

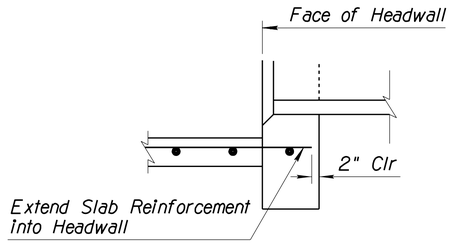


SECTION

No Scale

A
D-1.31

◩ See Std SD 6.30 for details and dimensions not shown.



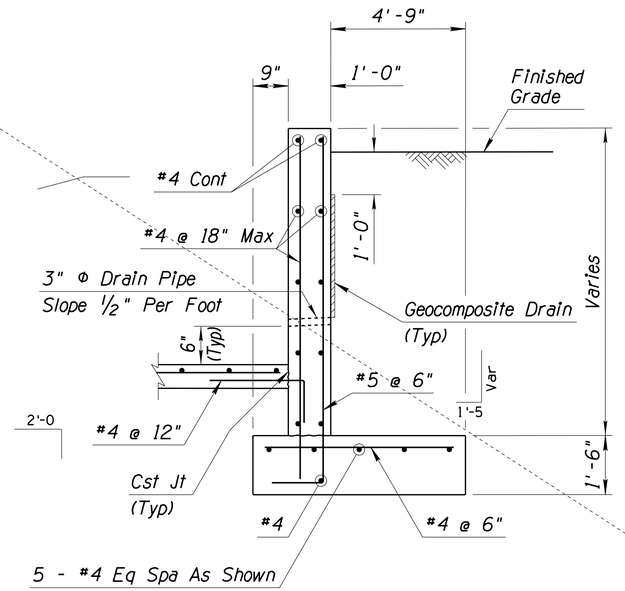
See Std SD 6.30 for additional reinforcement, dimensions, and details not shown

PIPE DETAIL

DETAIL

NTS

C
-



SECTION

NTS

B
D-1.31

DETAIL DW

Sheet 2 of 2

HEADWALL

	NAME	DATE
DESIGN	DK	06-26
DRAWN	DK	06-26
CHECKED	M.E.W	06-26

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Phone: (602) 333-2200

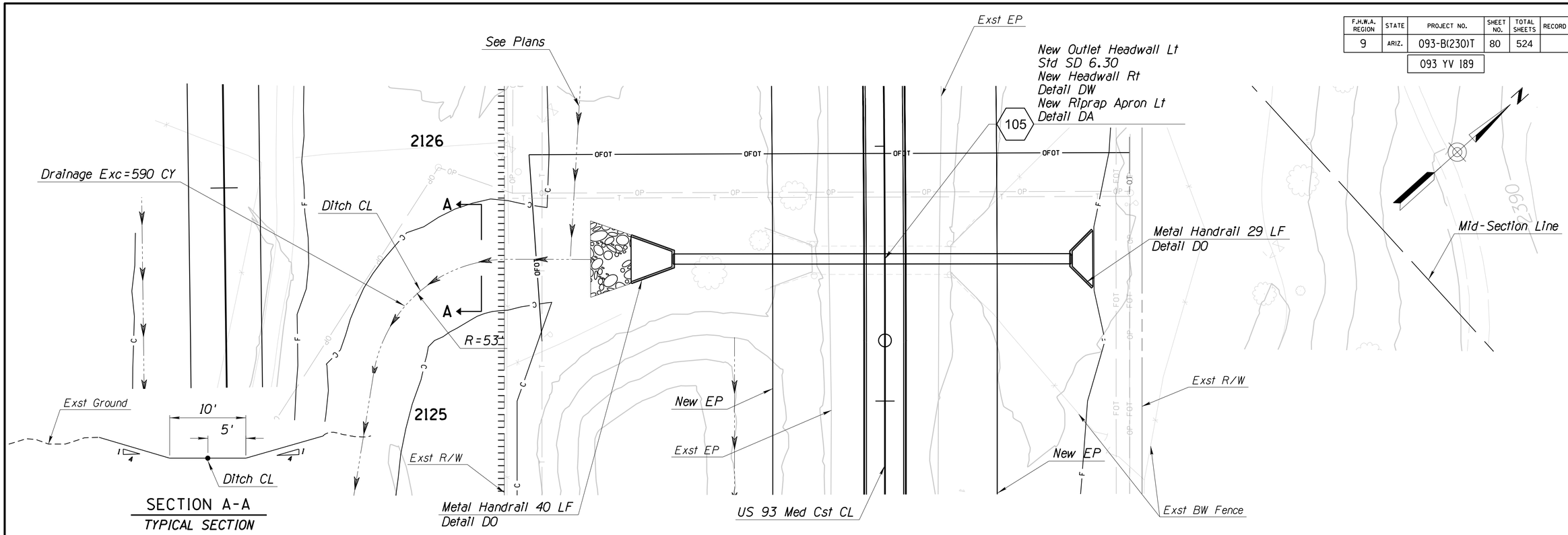
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

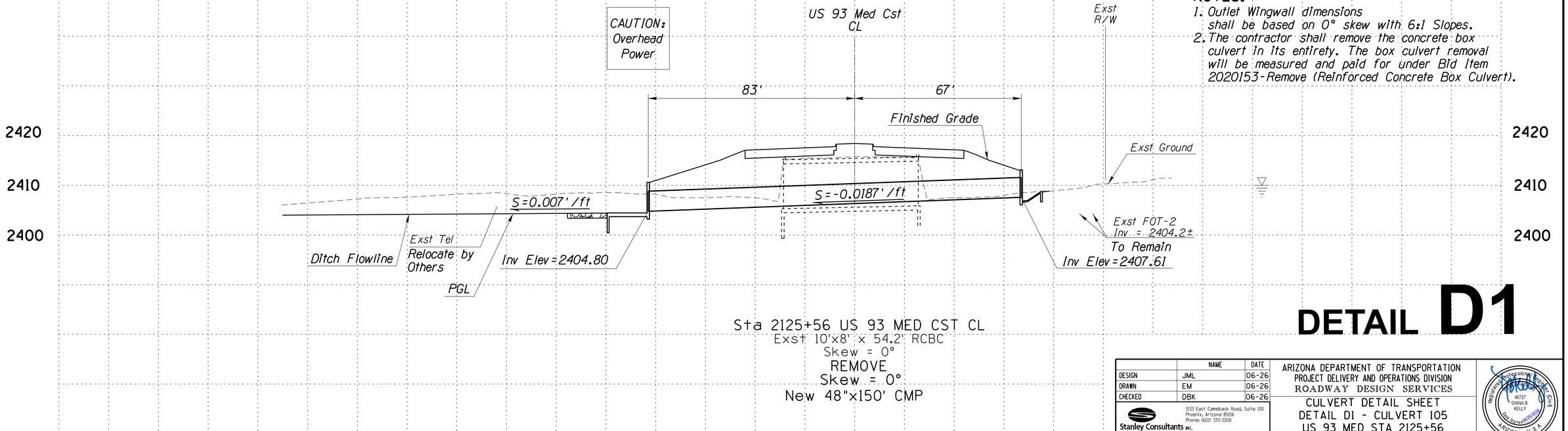
DETAIL DW
HEADWALL

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 12/31/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. D-1.31
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	80	524	
		093 YV 189			





NOTES:

1. Outlet Wingwall dimensions shall be based on 0° skew with 6:1 Slopes.
2. The contractor shall remove the concrete box culvert in its entirety. The box culvert removal will be measured and paid for under Bid Item 2020153-Remove (Reinforced Concrete Box Culvert).

Sta 2125+56 US 93 MED CST CL
Exst 10'x8' x 54.2' RCBC
Skew = 0°
REMOVE
Skew = 0°
New 48"x150' CMP

DETAIL D1

	NAME	DATE
DESIGN	JML	06-26
DRAWN	EM	06-26
CHECKED	DBK	06-26

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Phone: (602) 333-2200

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

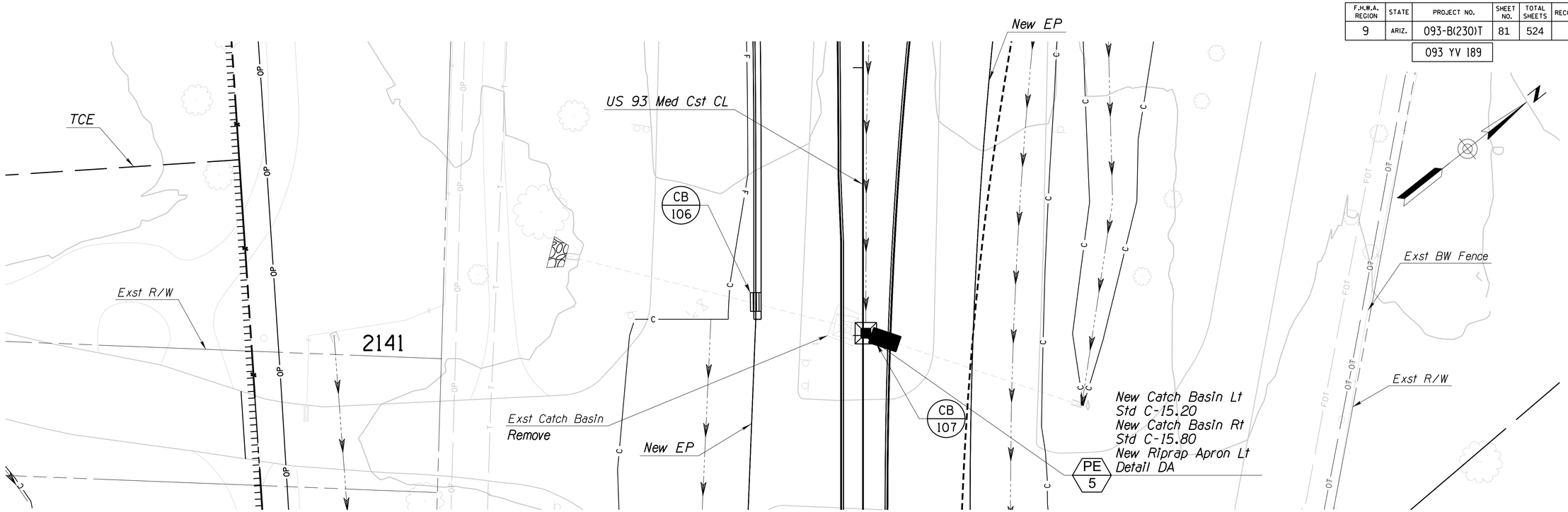
CULVERT DETAIL SHEET
DETAIL D1 - CULVERT 105
US 93 MED STA 2125+56

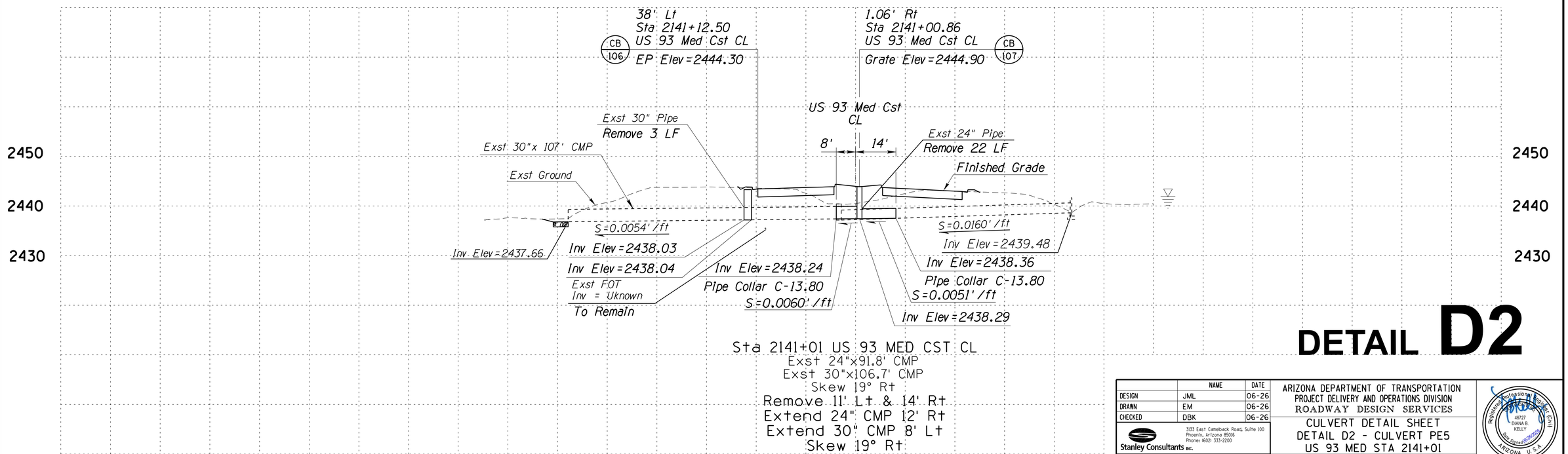
Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 6/22/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. D-2.01
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	81	524	
		093 YV 189			





Sta 2141+01 US 93 MED CST CL
Exst 24"x91.8' CMP
Exst 30"x106.7' CMP
Skew 19° Rt
Remove 11' Lt & 14' Rt
Extend 24" CMP 12' Rt
Extend 30" CMP 8' Lt
Skew 19° Rt

DETAIL D2

	NAME	DATE
DESIGN	JML	06-26
DRAWN	EM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

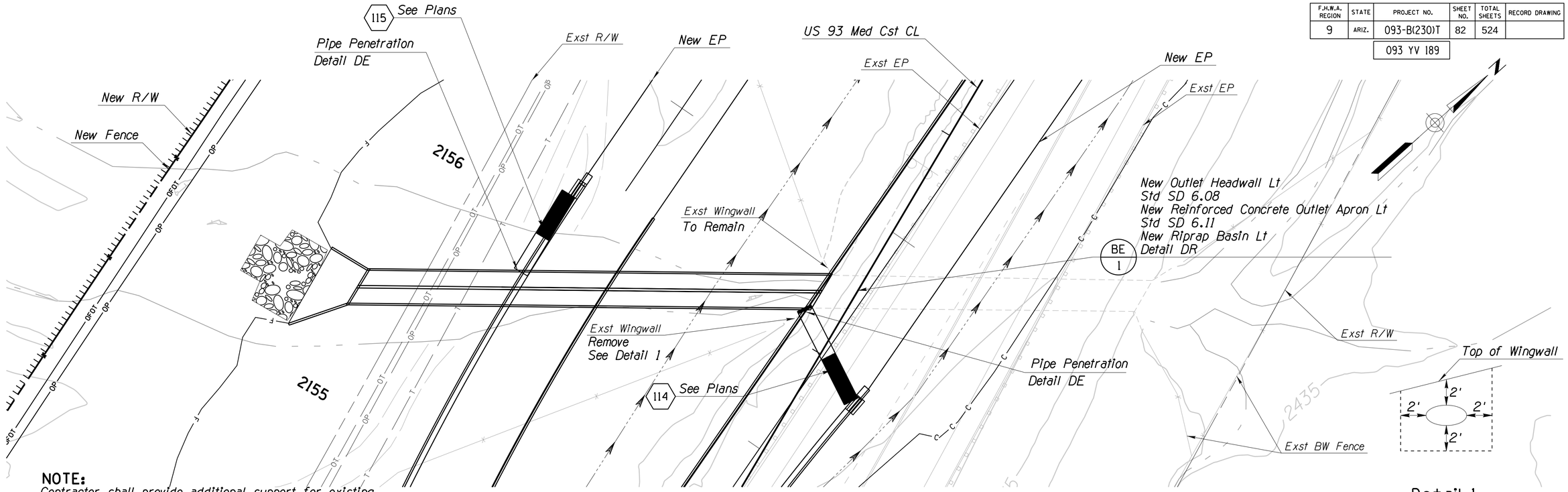
CULVERT DETAIL SHEET
DETAIL D2 - CULVERT PE5
US 93 MED STA 2141+01

Registered Professional Engineer Civil
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. D-2.02
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

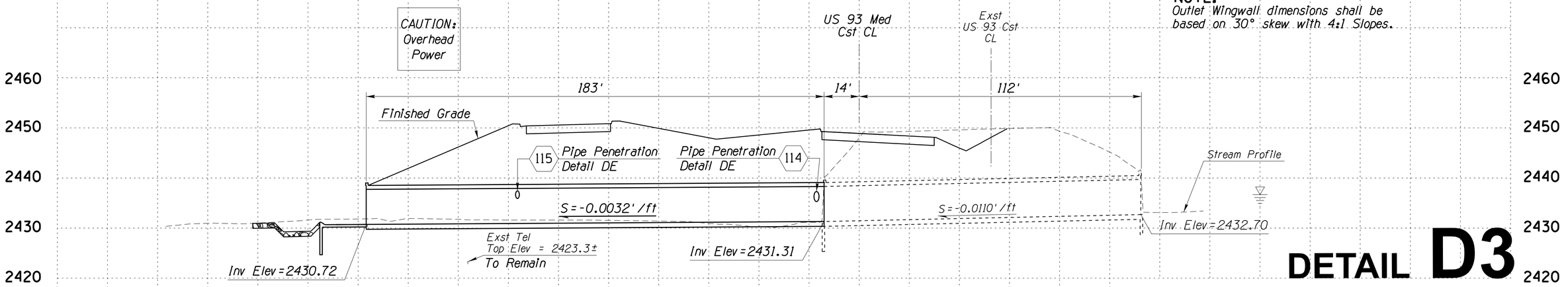
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	82	524	
		093 YV 189			



NOTE:
Contractor shall provide additional support for existing wingwall to remain in place during construction of the CBC extension.

Detail 1
Wingwall Removal



NOTE:
Outlet Wingwall dimensions shall be based on 30° skew with 4:1 Slopes.

DETAIL D3

Sta 2156+28 US 93 MED CST CL
Exst 2-6'x7' x 126' RCBC
Skew 30° Lt
Remove Exst Wingwall Lt
Extend 183' Lt

	NAME	DATE
DESIGN	JML	06-26
DRAWN	EM	06-26
CHECKED	DBK	06-26

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3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

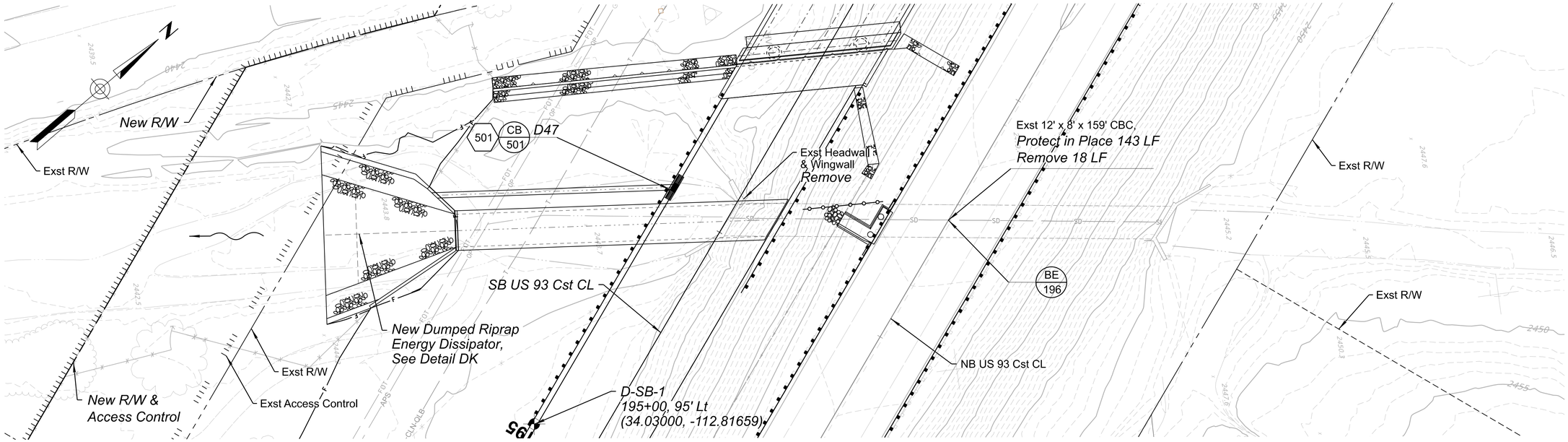
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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

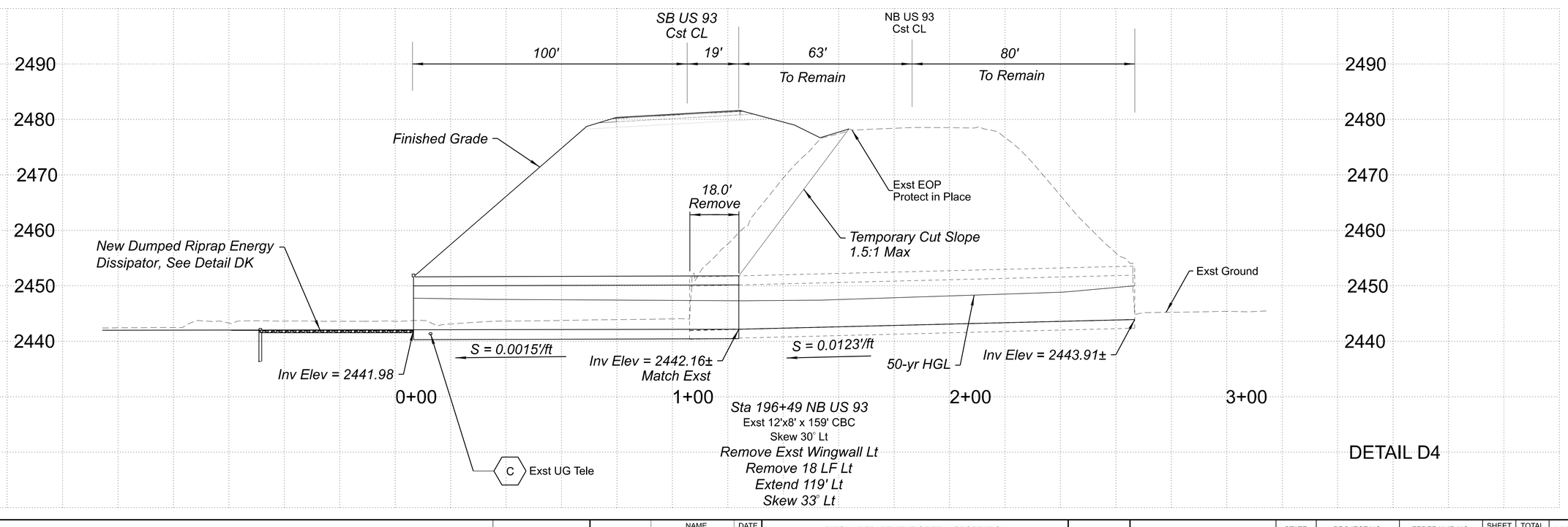
CULVERT DETAIL SHEET
DETAIL D3 - CULVERT BEI
US 93 MED STA 2156+28

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. D-2.03
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

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UTILITY DISPOSITION LEGEND

- A — To Remain In Service - Protect in Place
- B — Contractor to Relocate, Remove or Reset
- C — To Be Relocated or Removed By Others
- D — To Be Constructed By Others

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

Registered Professional Engineer — BILLIE DENETDALE — 38064 — ARIZONA, U.S.A. — Date Signed 6/26/26

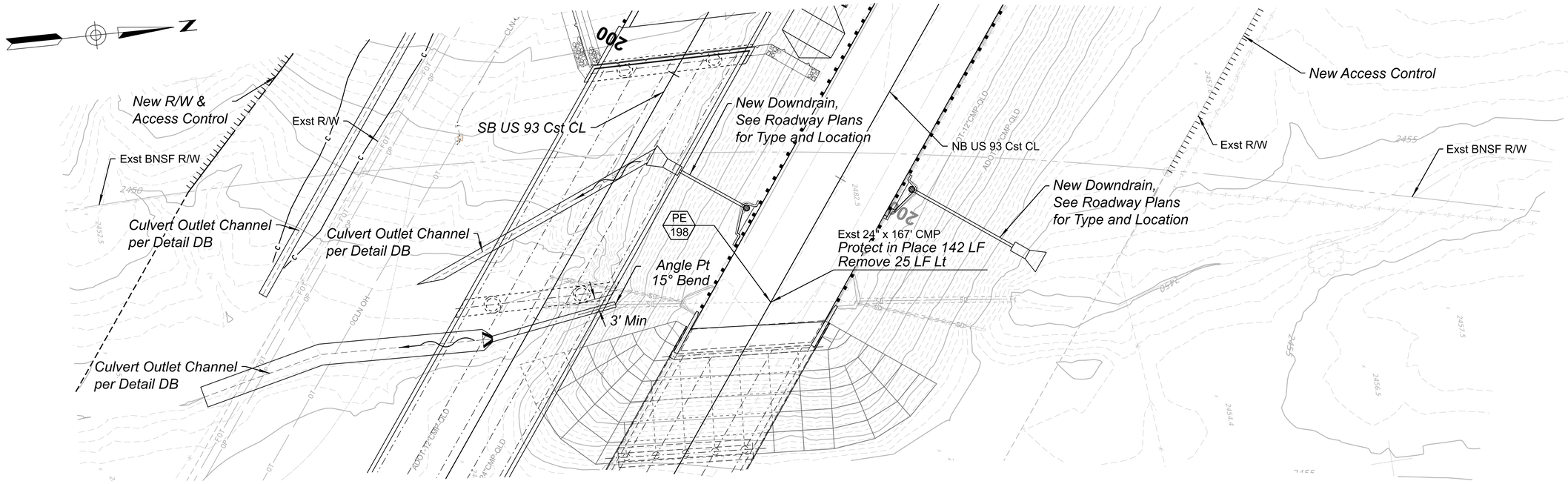
TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

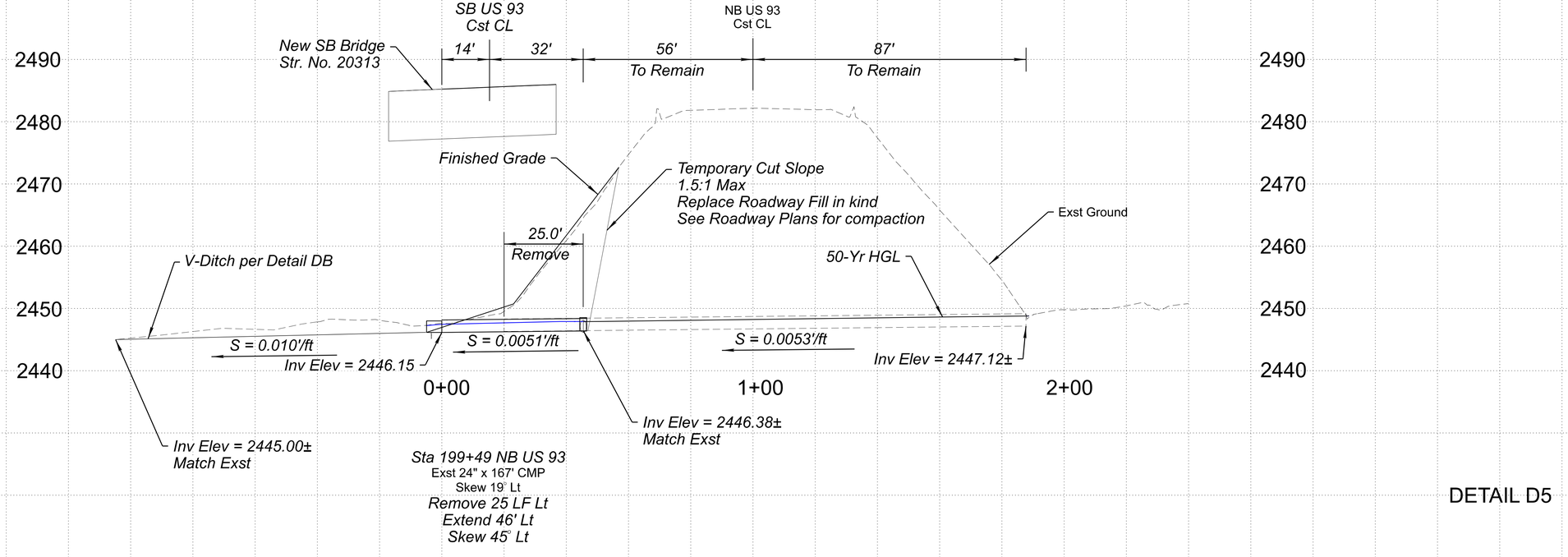
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
CULVERT DETAIL SHEET
DETAIL D4 - CULVERT BE 196
US 93 NB STA 196+49

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	83	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. D-2.04
TRACS NO. F0738 01C
____ OF ____





DETAIL D5

UTILITY DISPOSITION LEGEND

- A — *To Remain In Service - Protect in Place*
- B — *Contractor to Relocate, Remove or Reset*
- C — *To Be Relocated or Removed By Others*
- D — *To Be Constructed By Others*

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

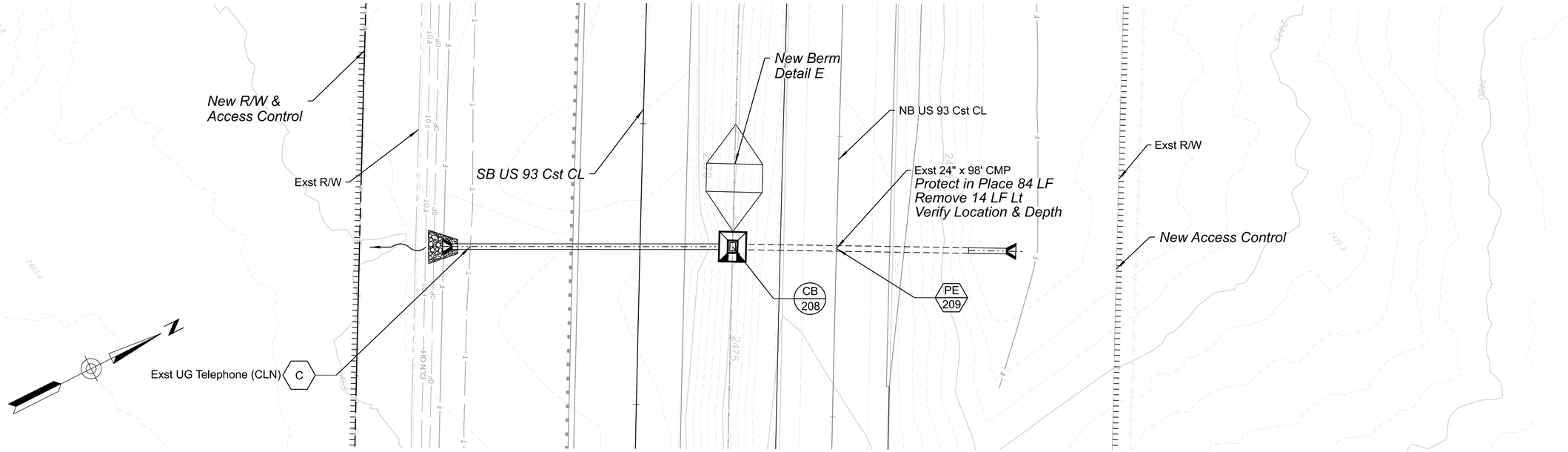
TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
www.aecom.com

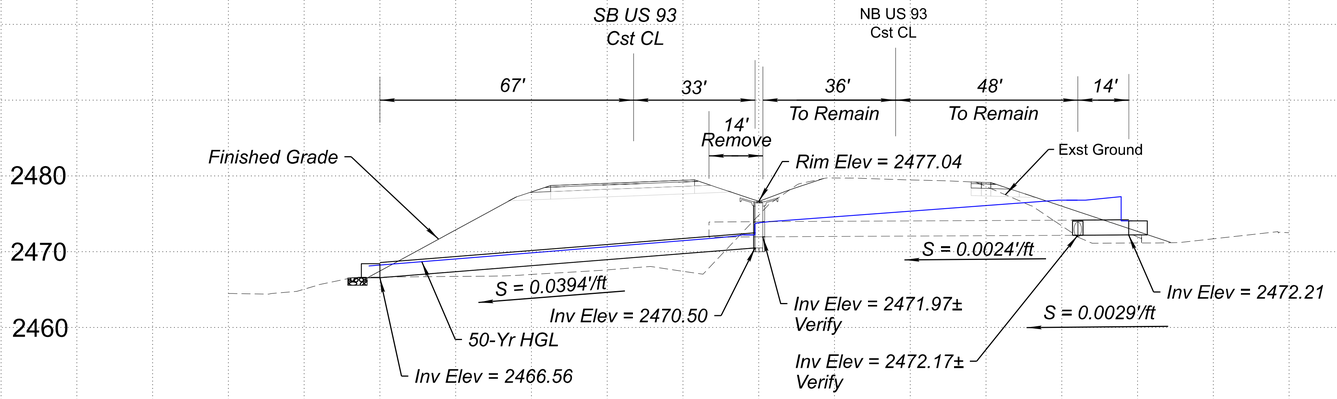
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
CULVERT DETAIL SHEET
DETAIL D5 - CULVERT PE 198
NB US 93 STA 199+49

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	84	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. D-2.05
TRACS NO. F0738 01C
____ OF ____





Sta 208+60 NB US 93
Exst 24" x 98' CMP
Skew 1° Rt
Remove 14 LF Lt
Extend 14 LF Rt & 100 LF Lt
Skew 1° Rt

DETAIL D6

UTILITY DISPOSITION LEGEND

- A — *To Remain In Service - Protect in Place*
- B — *Contractor to Relocate, Remove or Reset*
- C — *To Be Relocated or Removed By Others*
- D — *To Be Constructed By Others*

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

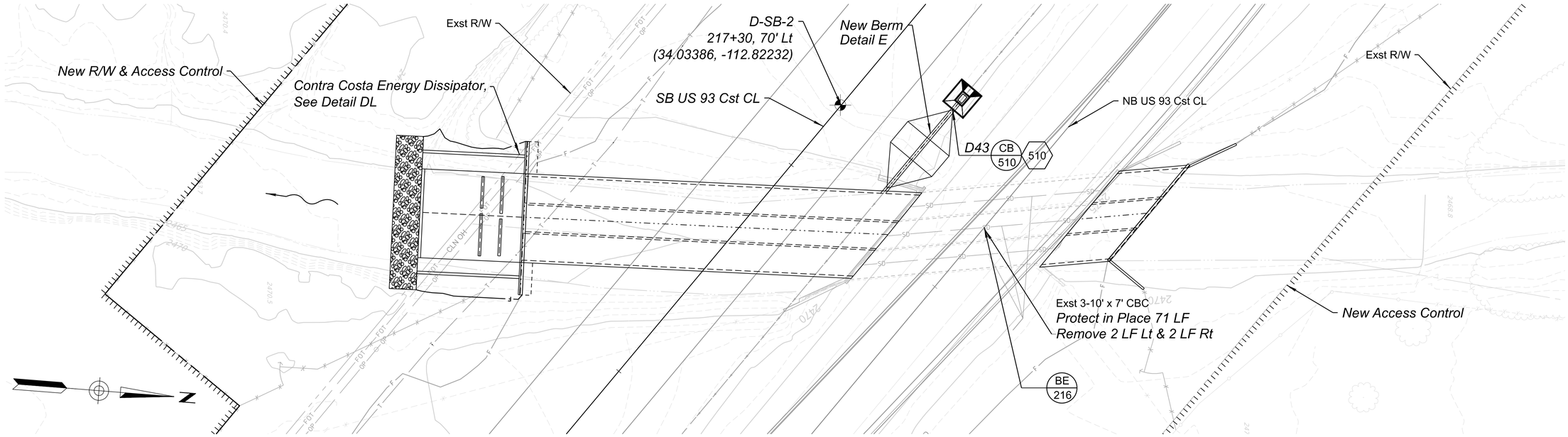
TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

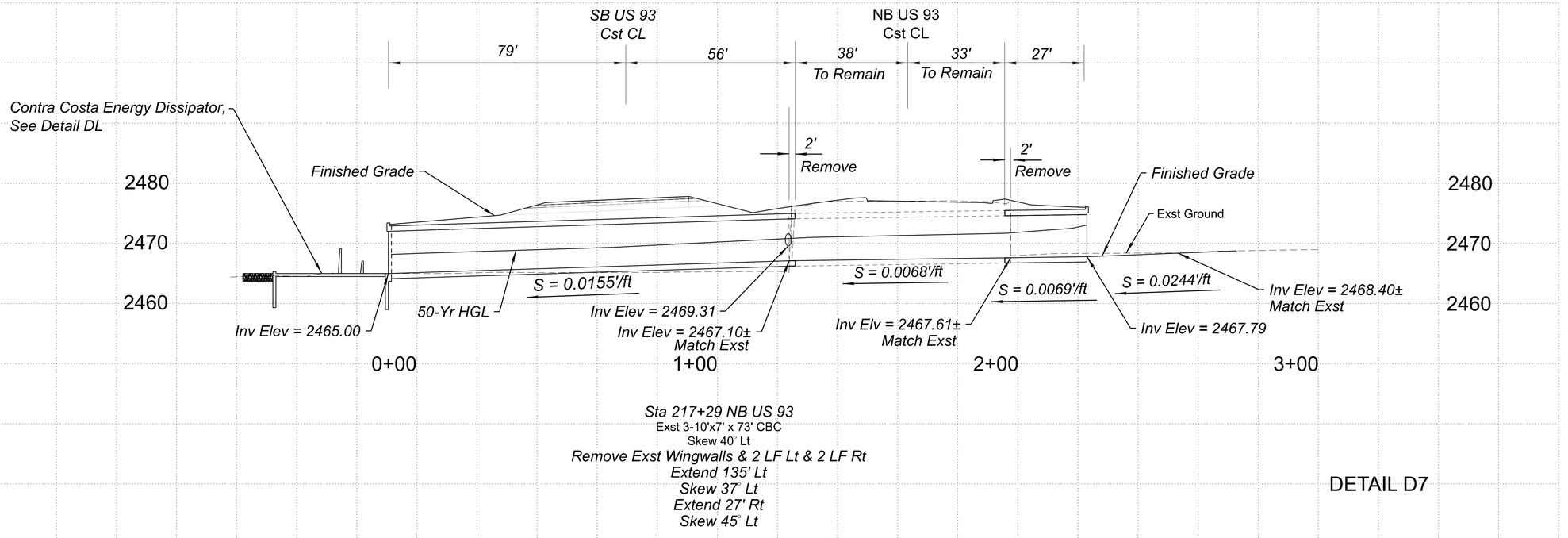
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
CULVERT DETAIL SHEET
DETAIL D6 - CULVERT PE 209
NB US 93 STA 208+60

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	85	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. D-2.06
TRACS NO. F0738 01C
____ OF ____





Sta 217+29 NB US 93
Exst 3-10'x7' x 73' CBC
Skew 40° Lt
Remove Exst Wingwalls & 2 LF Lt & 2 LF Rt
Extend 135' Lt
Skew 37° Lt
Extend 27' Rt
Skew 45° Lt

DETAIL D7

UTILITY DISPOSITION LEGEND

- A — *To Remain In Service - Protect in Place*
- B — *Contractor to Relocate, Remove or Reset*
- C — *To Be Relocated or Removed By Others*
- D — *To Be Constructed By Others*

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

CERTIFICATE NO. 36064 BILLIE DENETDALE — Registered Professional Engineer — ARIZONA, U.S.A.

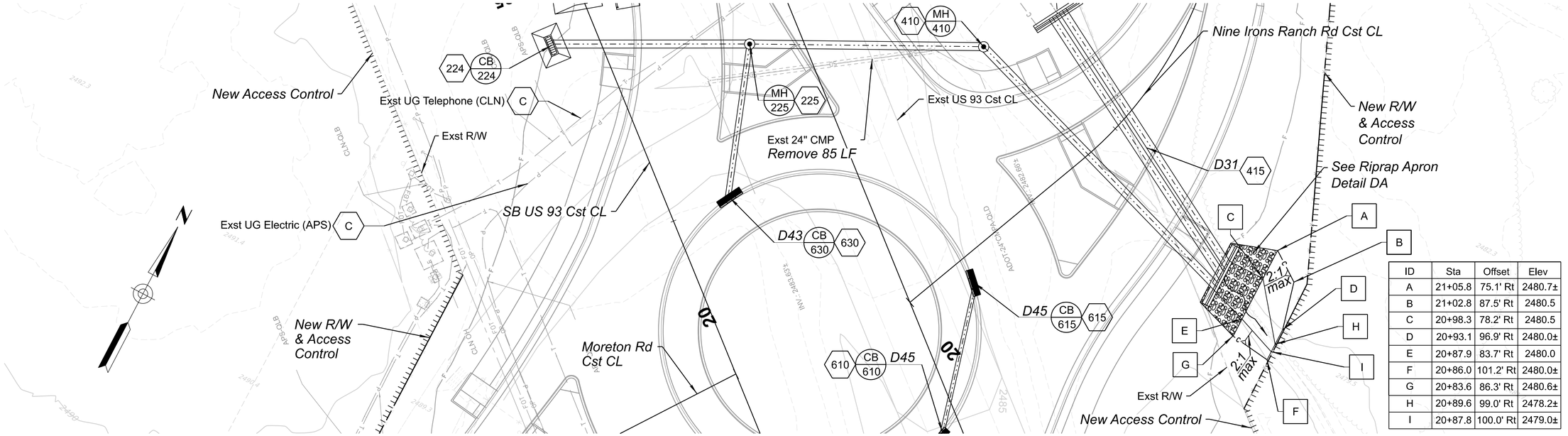
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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
CULVERT DETAIL SHEET
DETAIL D7 - CULVERT BE 216
NB US 93 STA 217+29

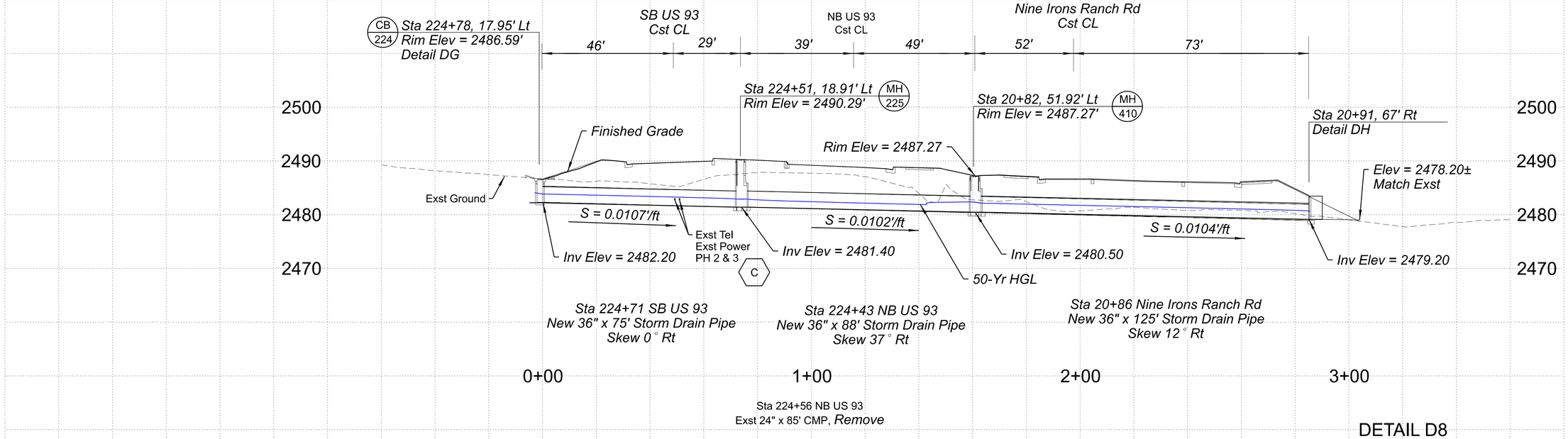
ROUTE US 93
MILEPOST 189.9
STRUCTURE NO. 05004

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	86	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. D-2.07
TRACS NO. F0738 01C
____ OF ____



ID	Sta	Offset	Elev
A	21+05.8	75.1' Rt	2480.7±
B	21+02.8	87.5' Rt	2480.5
C	20+98.3	78.2' Rt	2480.5
D	20+93.1	96.9' Rt	2480.0±
E	20+87.9	83.7' Rt	2480.0
F	20+86.0	101.2' Rt	2480.0±
G	20+83.6	86.3' Rt	2480.6±
H	20+89.6	99.0' Rt	2478.2±
I	20+87.8	100.0' Rt	2479.0±



DETAIL D8

UTILITY DISPOSITION LEGEND

- A — To Remain In Service - Protect in Place
- B — Contractor to Relocate, Remove or Reset
- C — To Be Relocated or Removed By Others
- D — To Be Constructed By Others

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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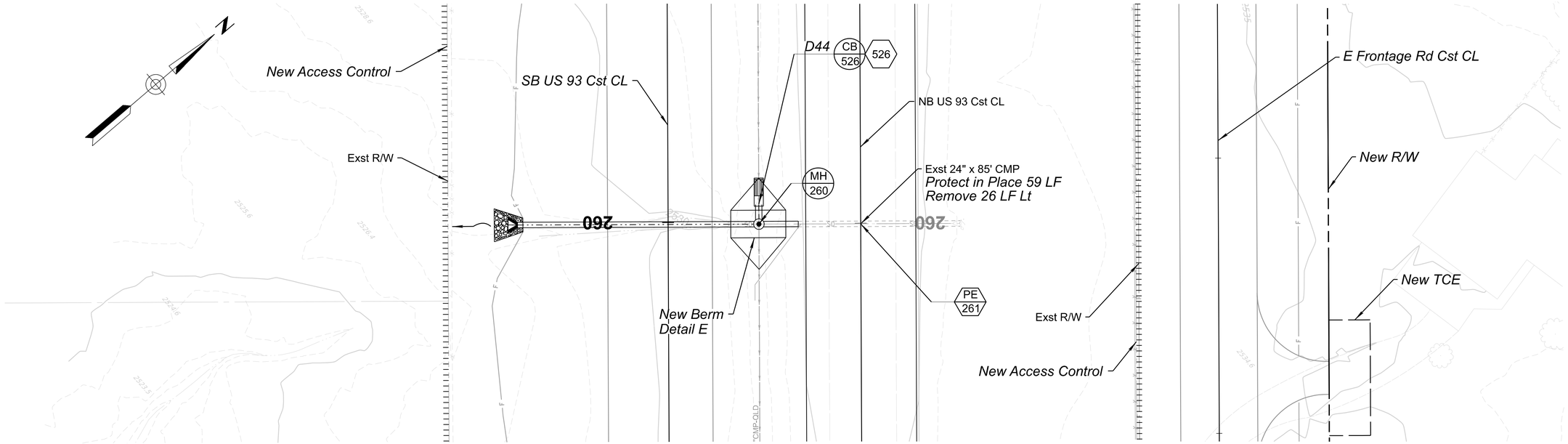
ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES
PIPE DETAIL SHEET
DETAIL D8 - PIPES 224, 225, 410
SB US 93 STA 224+71

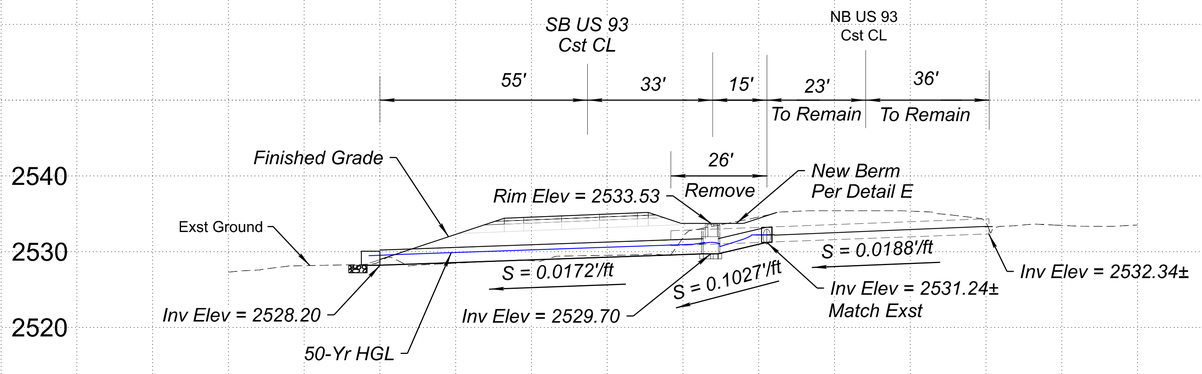
ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	87	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. D-2.08
TRACS NO. F0738 01C
____ OF ____





Sta 260+00 NB US 93
Exst 24" x 85' CMP
Skew 0°
Remove 26 LF Lt
Extend 103' Lt
Skew 0°

DETAIL D9

UTILITY DISPOSITION LEGEND

- A — *To Remain In Service - Protect in Place*
- B — *Contractor to Relocate, Remove or Reset*
- C — *To Be Relocated or Removed By Others*
- D — *To Be Constructed By Others*

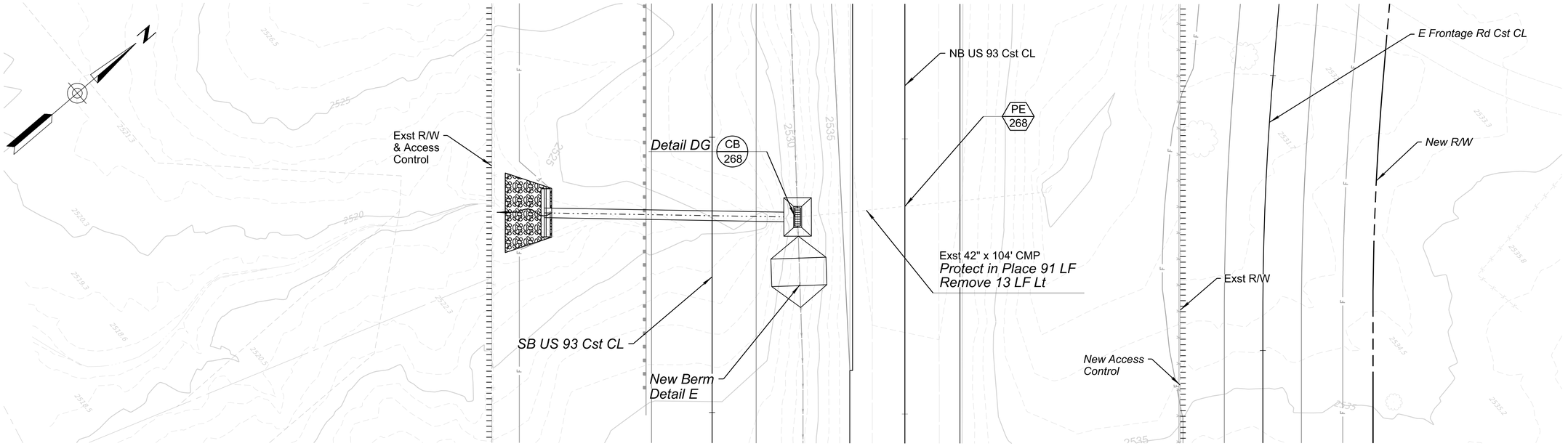
	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

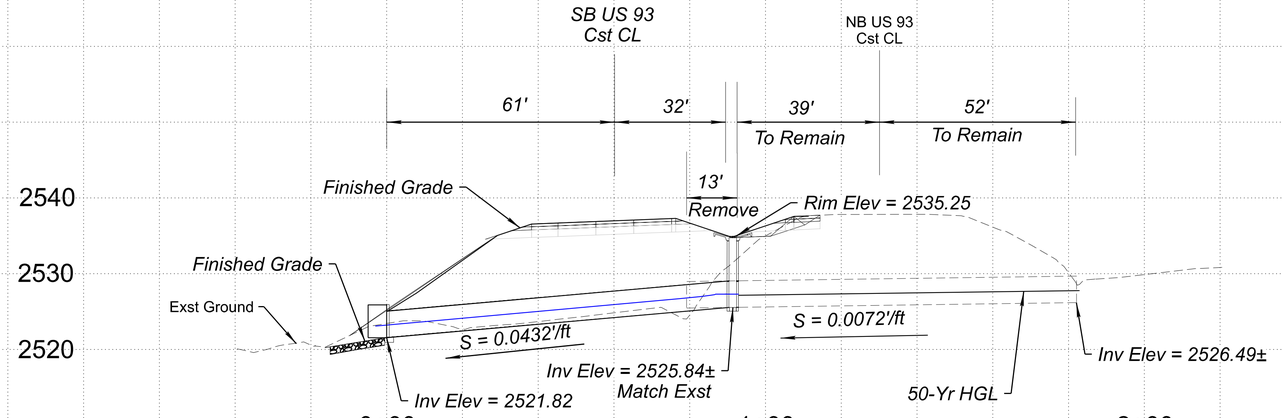
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CULVERT DETAIL SHEET
DETAIL D9 - CULVERT PE 261
NB US 93 STA 260+00

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	88	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. D-2.09
	TRACS NO. F0738 01C					____ OF____

KEATON.LEANDER 2026 10:29:07 AM c:\pwworking\usaz\dms09621\f0738_drpp06.dgn \ Model Name: Culvert_260+00





Sta 268+75 NB US 93
Exst 42" x 103' CMP
Skew 6° Lt
Remove 13 LF Lt
Extend 93' Lt
Skew 1° Rt

DETAIL D10

UTILITY DISPOSITION LEGEND

- A — *To Remain In Service - Protect in Place*
- B — *Contractor to Relocate, Remove or Reset*
- C — *To Be Relocated or Removed By Others*
- D — *To Be Constructed By Others*

Registered Professional Engineer — BILLIE BENETDALE — 66264 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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CULVERT DETAIL SHEET
DETAIL D10 - CULVERT PE 268
NB US 93 STA 268+75

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

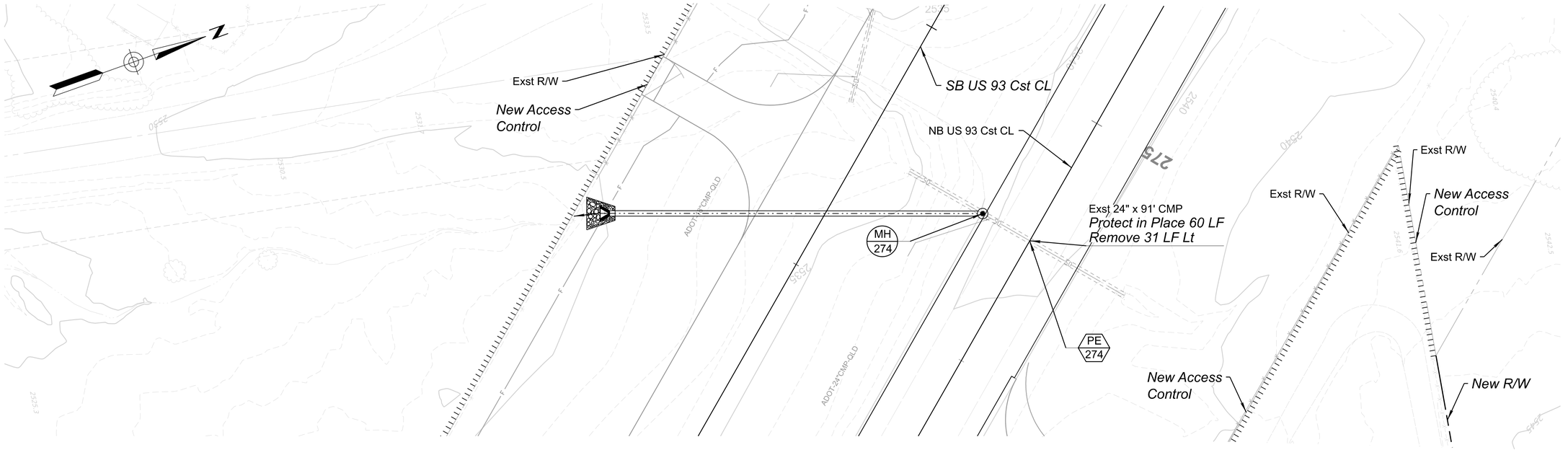
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	89	524	

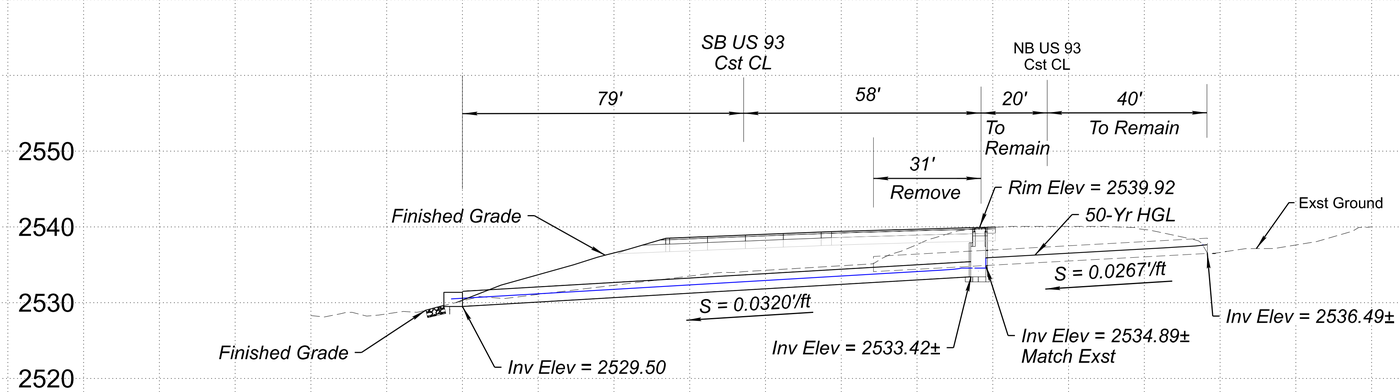
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. D-2.10

____ OF ____





Sta 274+50 NB US 93
Exst 24" x 91' CMP
Skew 0° Rt
Remove 31 LF Lt
Extend 137' Lt
Skew 2° Lt

DETAIL D11

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

Registered Professional Engineer — 36084 — BILLIE DENETDALE — Civil Engineering — ARIZONA, U.S.A.

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ROADWAY DESIGN SERVICES
CULVERT DETAIL SHEET
DETAIL D11 - CULVERT PE 274
NB US 93 STA 274+50

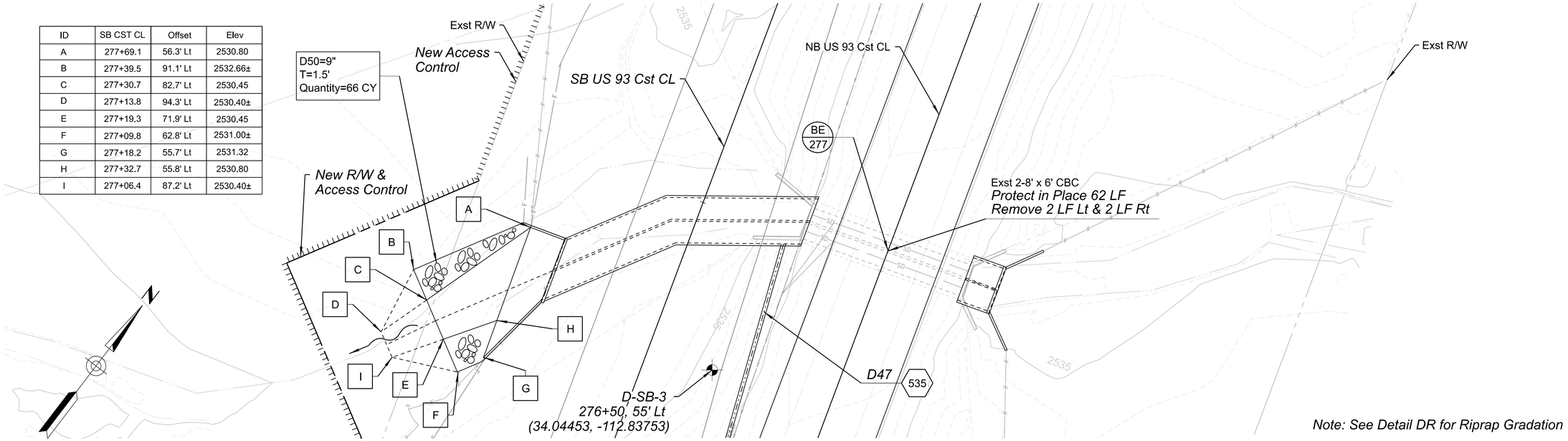
ROUTE: US 93
MILEPOST: 189.9
STRUCTURE NO.:

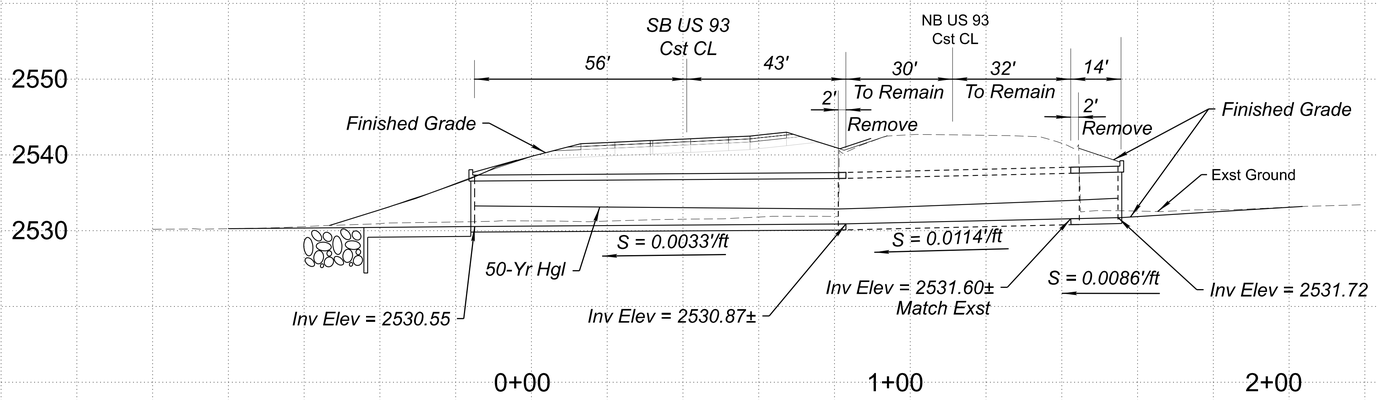
F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	90	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
TRACS NO. F0738 01C
DWG No. D-2.11
____ OF ____

ID	SB CST CL	Offset	Elev
A	277+69.1	56.3' Lt	2530.80
B	277+39.5	91.1' Lt	2532.66±
C	277+30.7	82.7' Lt	2530.45
D	277+13.8	94.3' Lt	2530.40±
E	277+19.3	71.9' Lt	2530.45
F	277+09.8	62.8' Lt	2531.00±
G	277+18.2	55.7' Lt	2531.32
H	277+32.7	55.8' Lt	2530.80
I	277+06.4	87.2' Lt	2530.40±





Sta 278+08 NB US 93
Exst 2-8'x6' x 65' CBC
Skew 1° Rt
Remove Exst Lt Wingwall & 2 LF Lt & 2 LF Rt
Extend 99' Lt
Skew 17° Lt
Extend 14' Rt
Skew 1° Rt

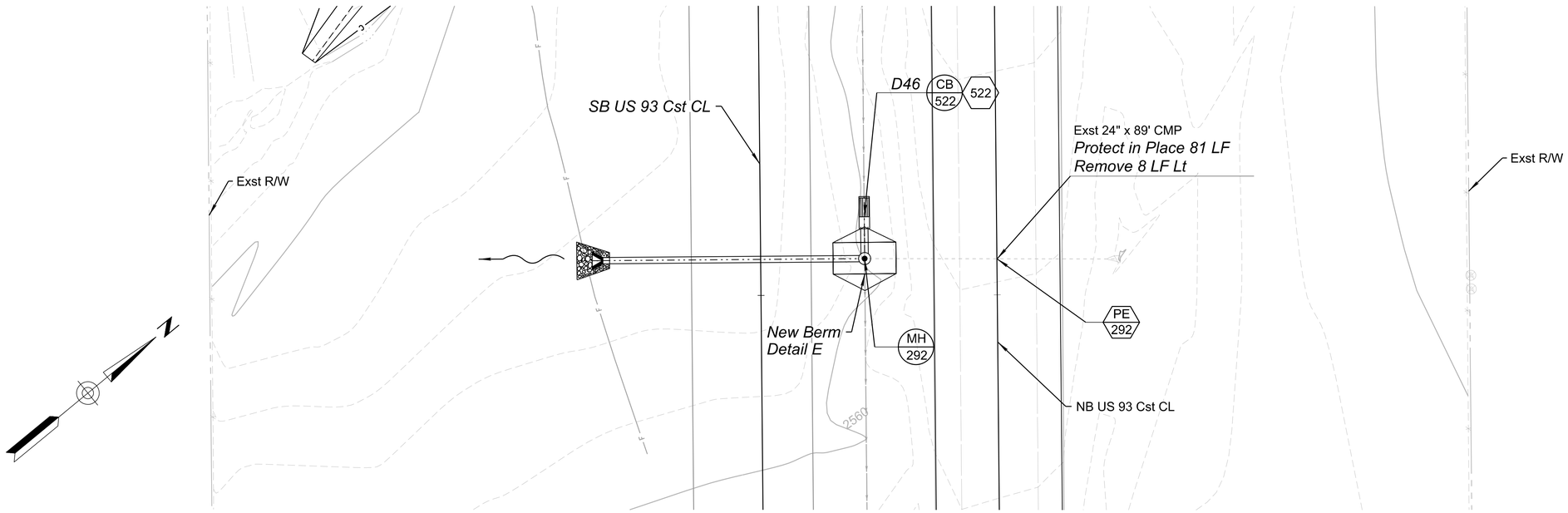
DETAIL D12

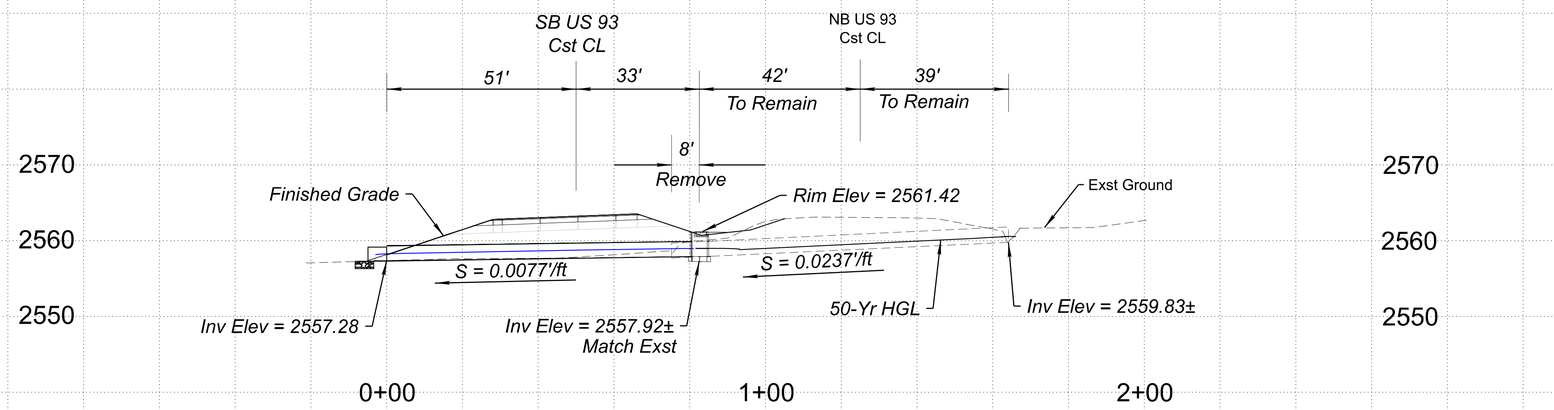
	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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CULVERT DETAIL SHEET
DETAIL D12 - CULVERT BE 277
NB US 93 STA 278+08

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	91	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. D-2.12
	TRACS NO. F0738 01C					____ OF____





Sta 292+11 NB US 93
Exst 24" x 89' CMP
Remove 8 LF Lt
Extend 84' Lt

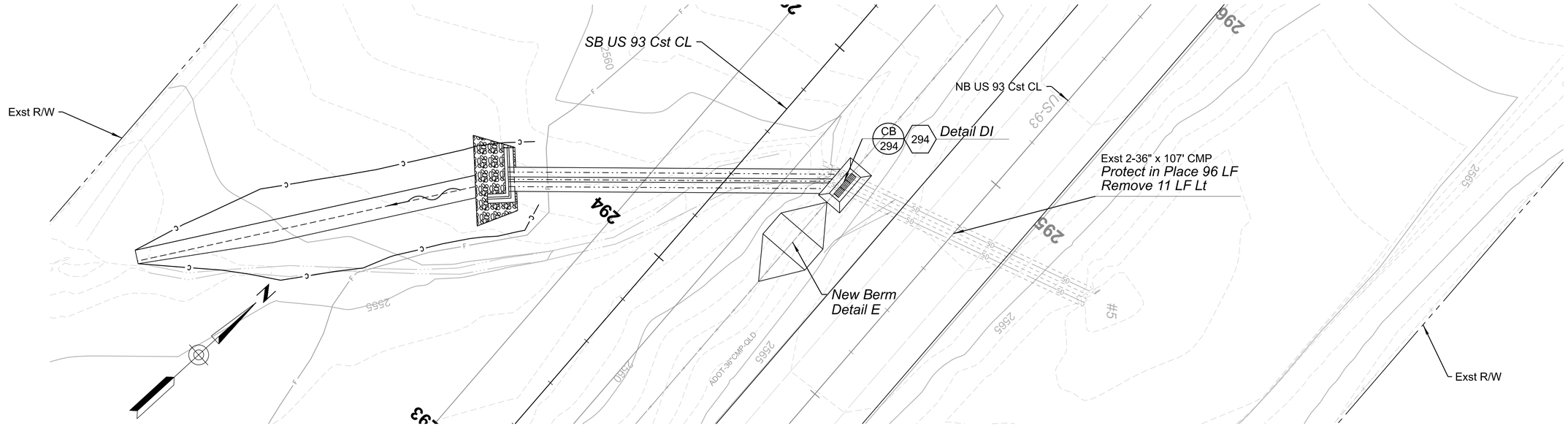
DETAIL D13

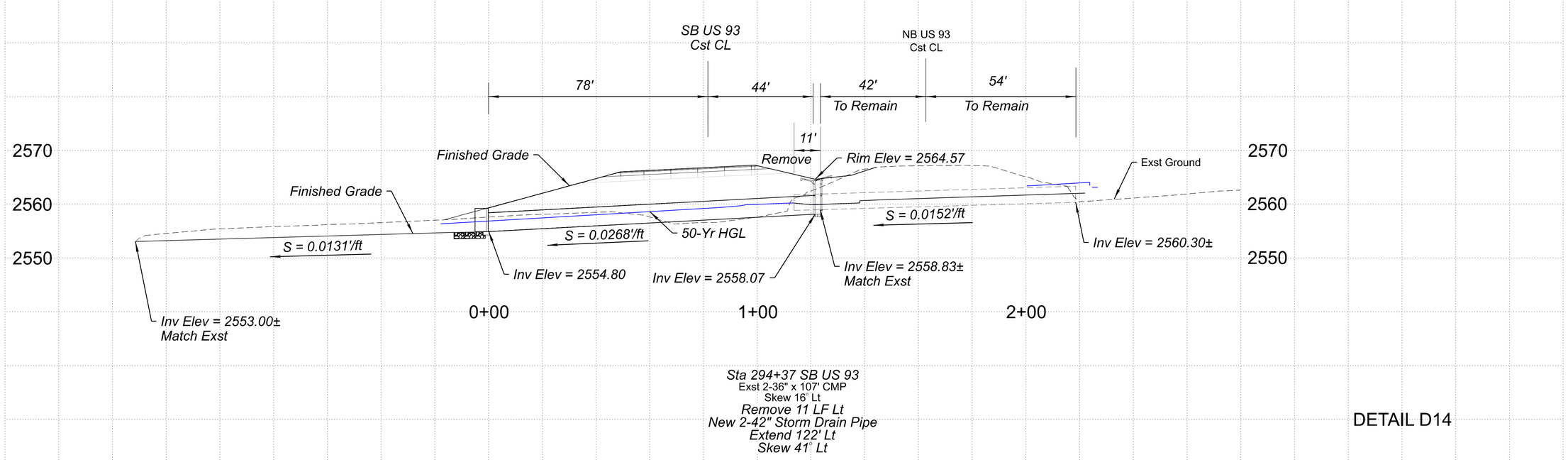
	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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CULVERT DETAIL SHEET
DETAIL D13 - CULVERT PE 292
NB US 93 STA 292+11

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	92	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. D-2.13
	TRACS NO. F0738 01C					____ OF ____





Sta 294+37 SB US 93
Exst 2-36" x 107' CMP
Skew 16° Lt
Remove 11 LF Lt
New 2-42" Storm Drain Pipe
Extend 122' Lt
Skew 41° Lt

DETAIL D14

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

Registered Professional Engineer — Civil — 86264 — BILLIE DENETDALE — Date Signed 06/26/26 — Arizona, U.S.A.

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ROADWAY DESIGN SERVICES
PIPE DETAIL SHEET
DETAIL D14 - PIPE 294
SB US 93 STA 294+37

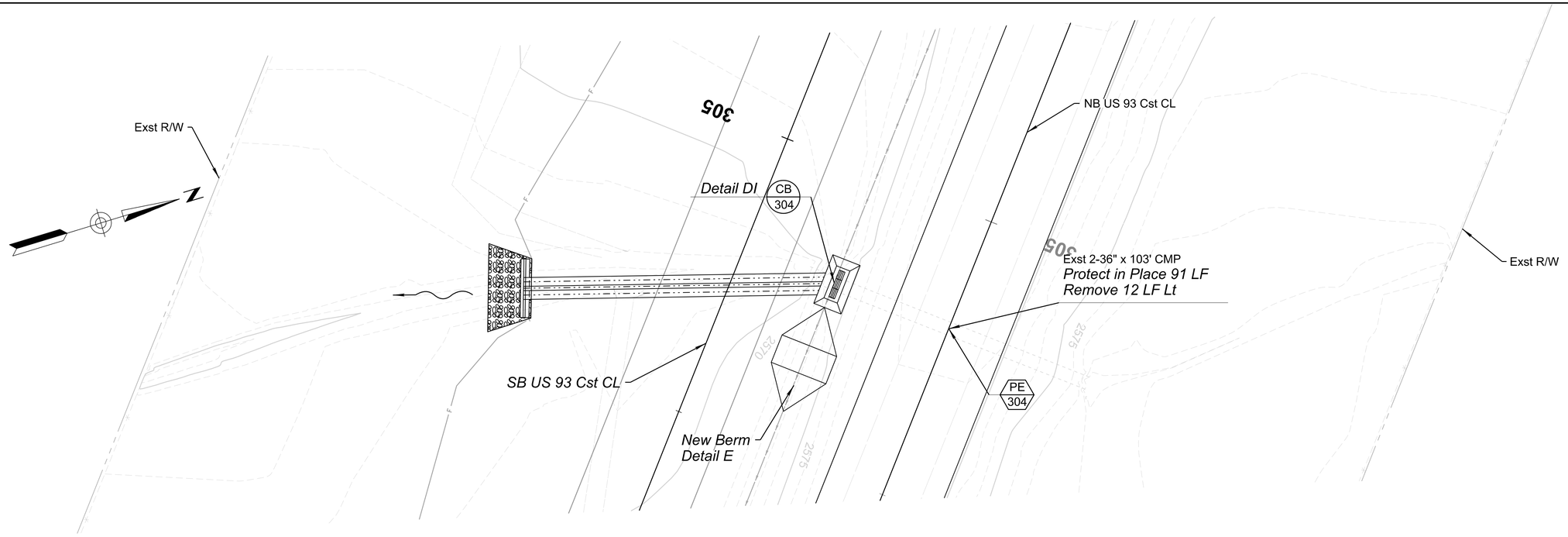
ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

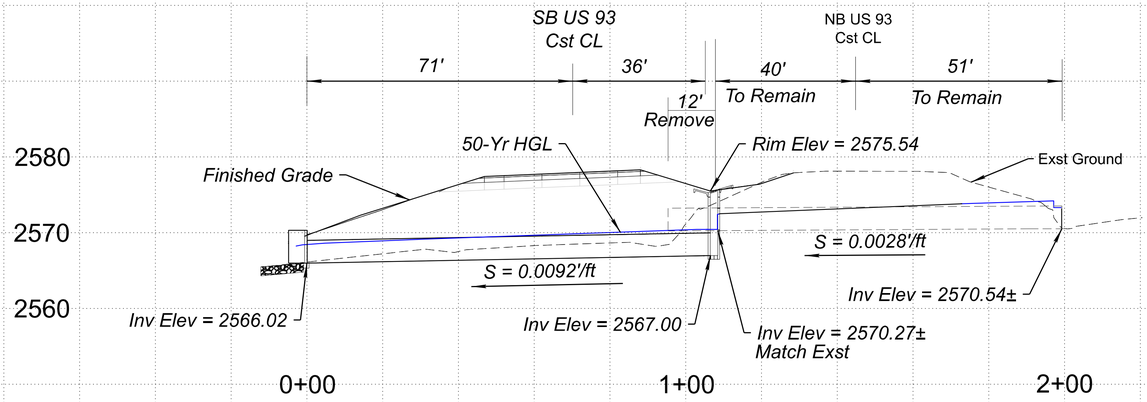
F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	93	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. D-2.14
TRACS NO. F0738 01C
____ OF ____

KEATON.LEANDER 5/7/2026 3:03:47 PM c:\pwworking\usaz\dms09621\f0738_drpp11.dgn \ Model Name: Culvert_2_294+00





Sta 304+61 NB US 93
Exst 2-36" x 103' CMP
Skew 0°
Remove 12 LF Lt
Extend 107' Lt
Skew 24° Lt

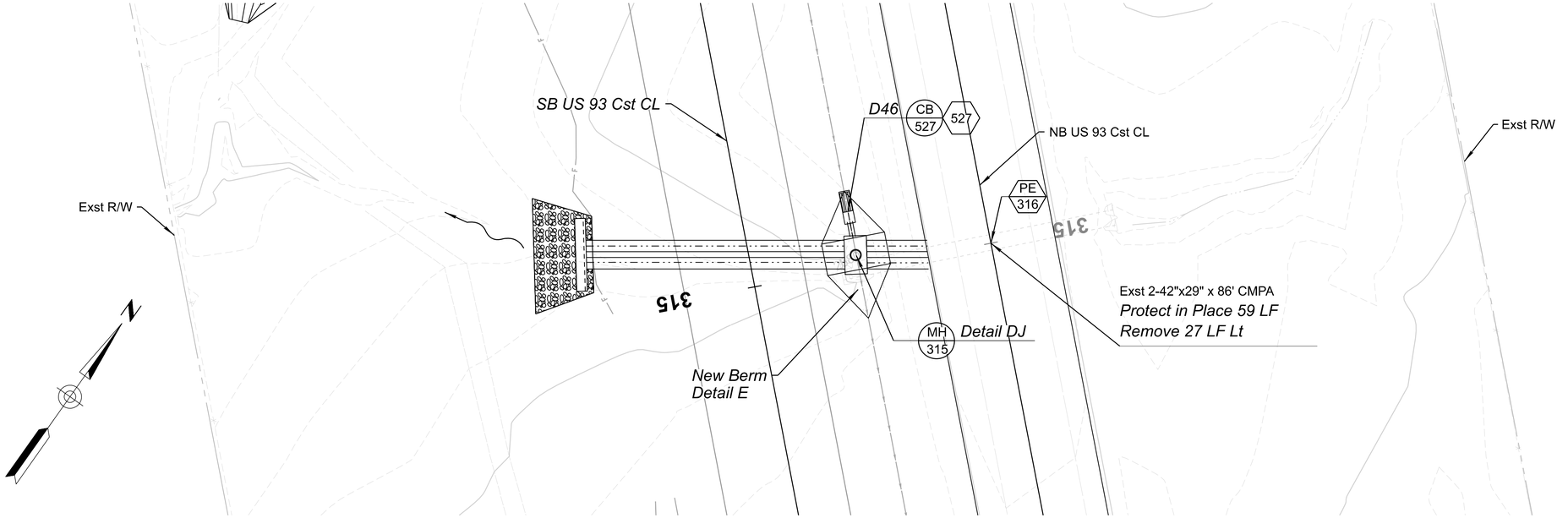
DETAIL D15

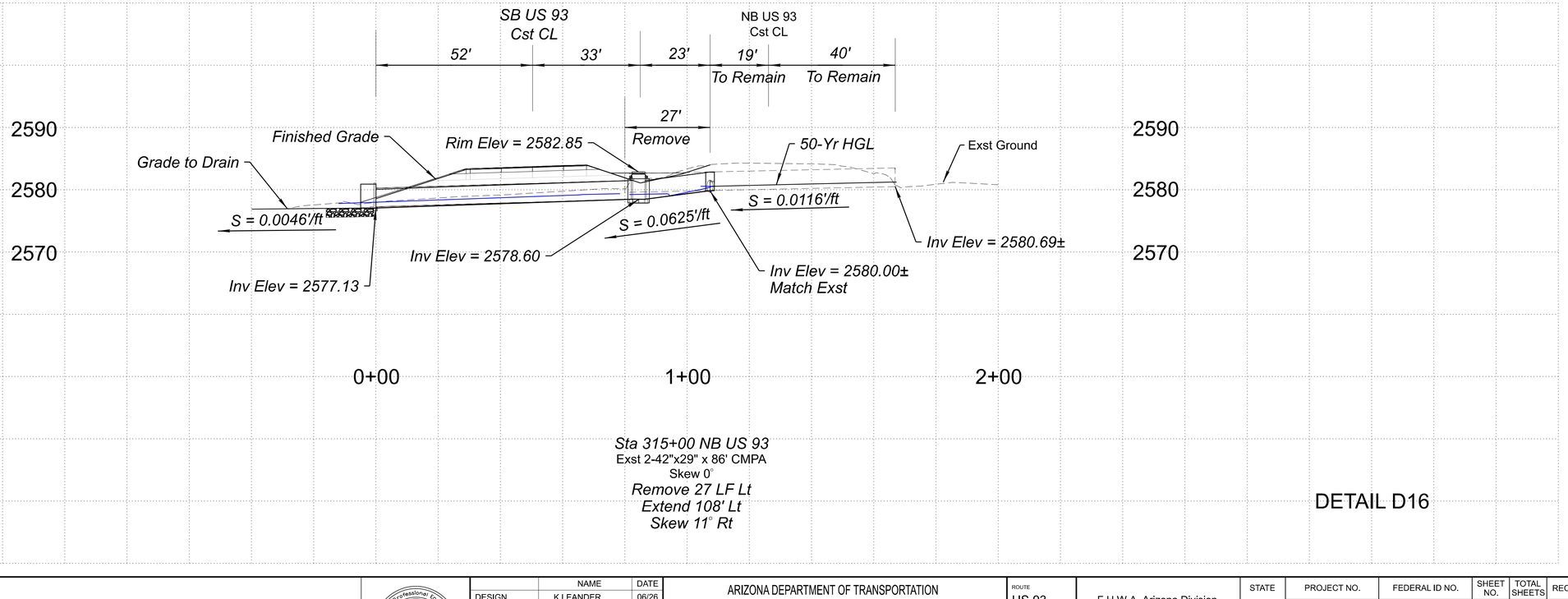
	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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CULVERT DETAIL SHEET
DETAIL D15 - CULVERT PE 304
NB US 93 STA 304+61

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	94	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. D-2.15
	TRACS NO. F0738 01C					____ OF____





Sta 315+00 NB US 93
Exst 2-42"x29" x 86' CMPA
Skew 0°
Remove 27 LF Lt
Extend 108' Lt
Skew 11° Rt

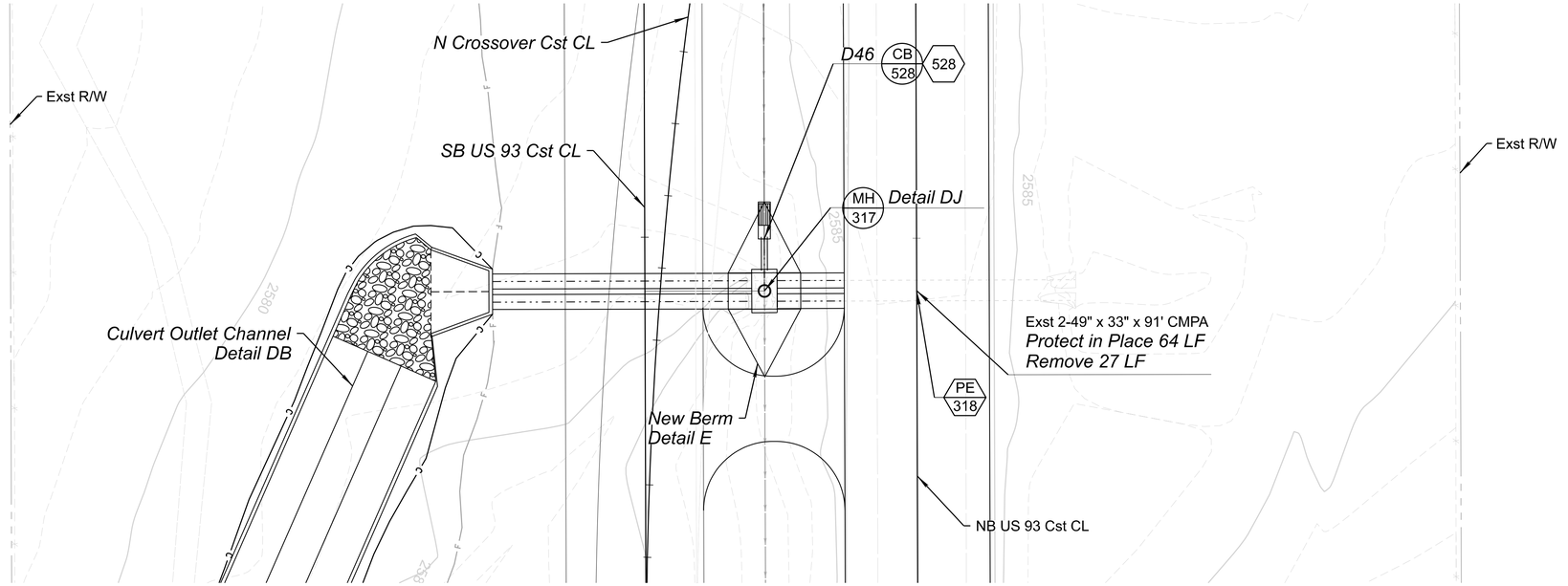
DETAIL D16

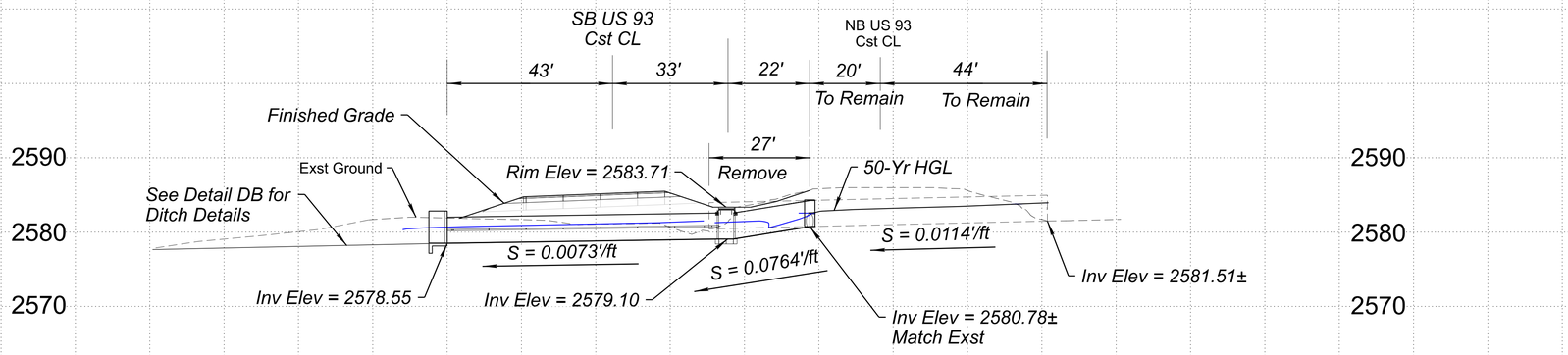
	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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CULVERT DETAIL SHEET
DETAIL D16 - CULVERT PE 316
NB US 93 STA 315+00

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	95	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. D-2.16
	TRACS NO. F0738 01C					____ OF ____





Sta 317+86 NB US 93
Exst 2-49"x33" x 91' CMPA
Skew 0°
Remove 27 LF Lt
Extend 98' Lt
Skew 0°

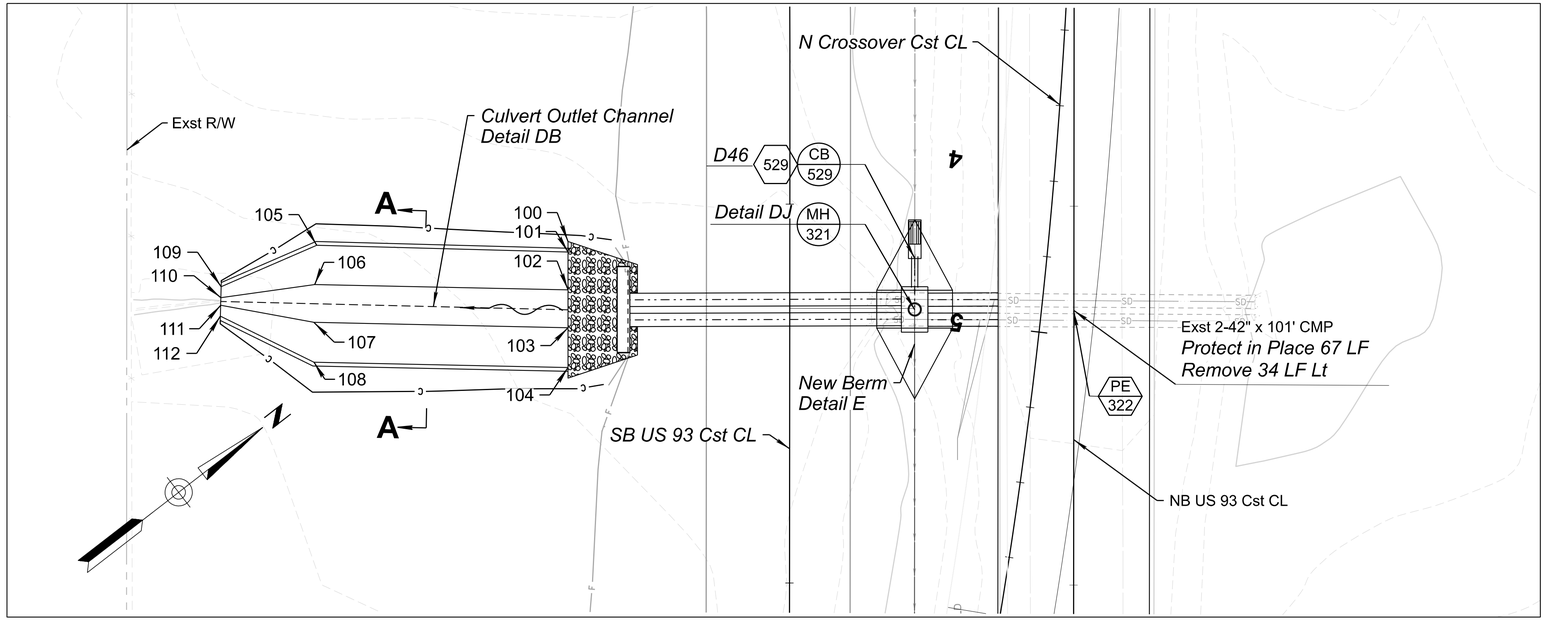
DETAIL D17

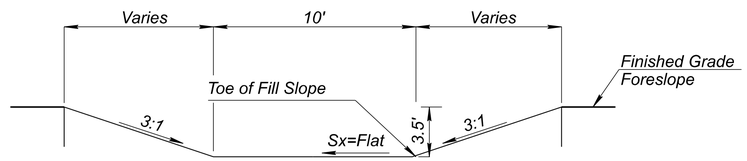
	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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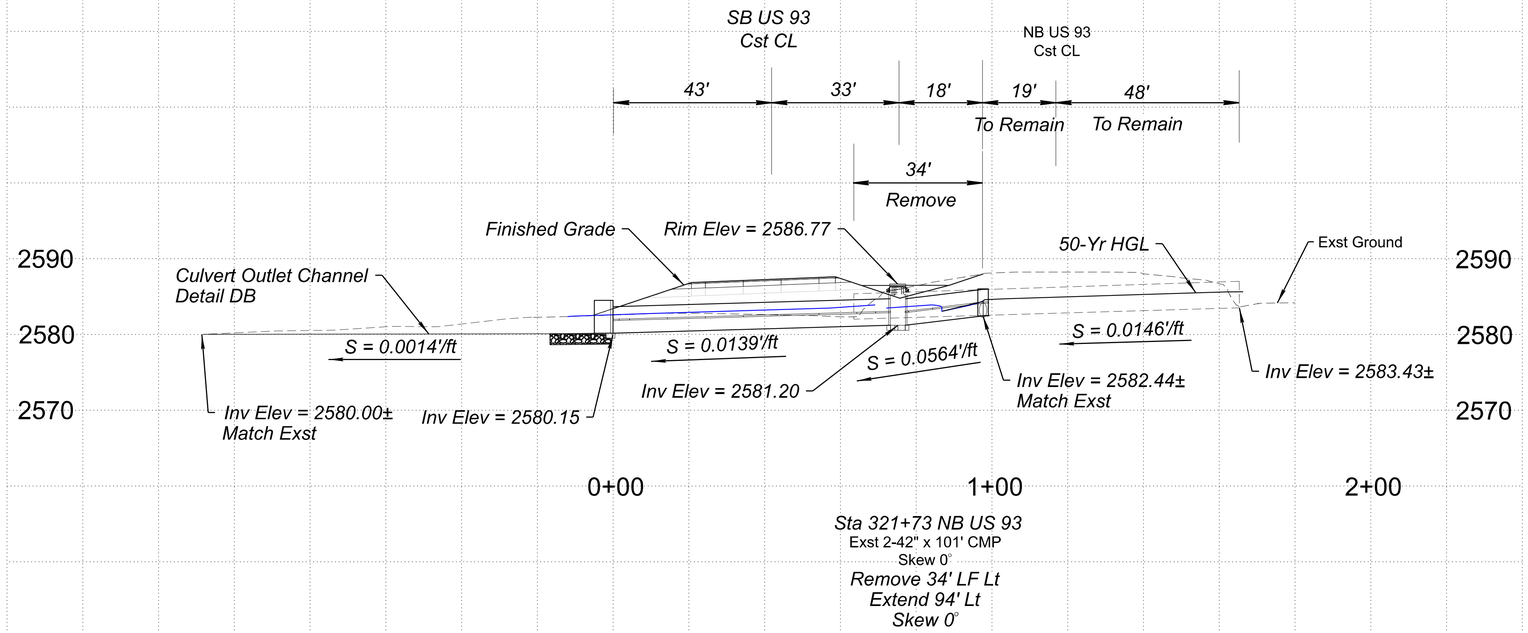
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ROADWAY DESIGN SERVICES
CULVERT DETAIL SHEET
DETAIL D17 - CULVERT PE 318
NB US 93 STA 317+86

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	96	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. D-2.17
	TRACS NO. F0738 01C					____ OF____





SECTION A-A
N.T.S



CHANNEL GRADING CONTROL POINTS			
Point No.	SB US 93 CST CL	Offset Lt	Elev
100	321+90.10	58.52	2582.59
101	321+87.30	58.52	2582.49
102	321+77.32	58.52	2582.35
103	321+67.32	58.52	2582.24
104	321+56.82	58.52	2582.13
105	321+89.03	124.88	2581.81
106	321+78.68	125.40	2581.43
107	321+68.68	125.60	2581.45
108	321+58.18	125.60	2581.30
109	321+78.08	150.10	2580.71
110	321+75.19	150.17	2580.50
111	321+73.19	150.21	2580.54
112	321+70.29	150.28	2580.63

DETAIL D18

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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Phoenix, Arizona 85020
T 602.371.1100
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
CULVERT DETAIL SHEET
DETAIL D18 - CULVERT PE 322
NB US 93 STA 321+73

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

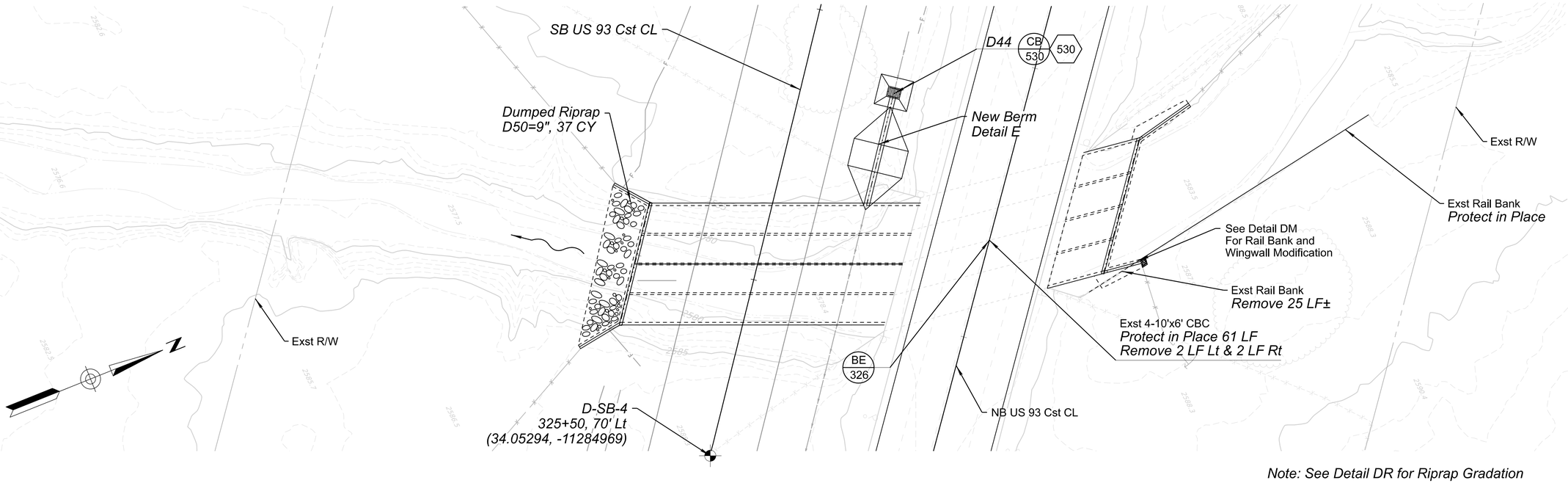
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	97	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

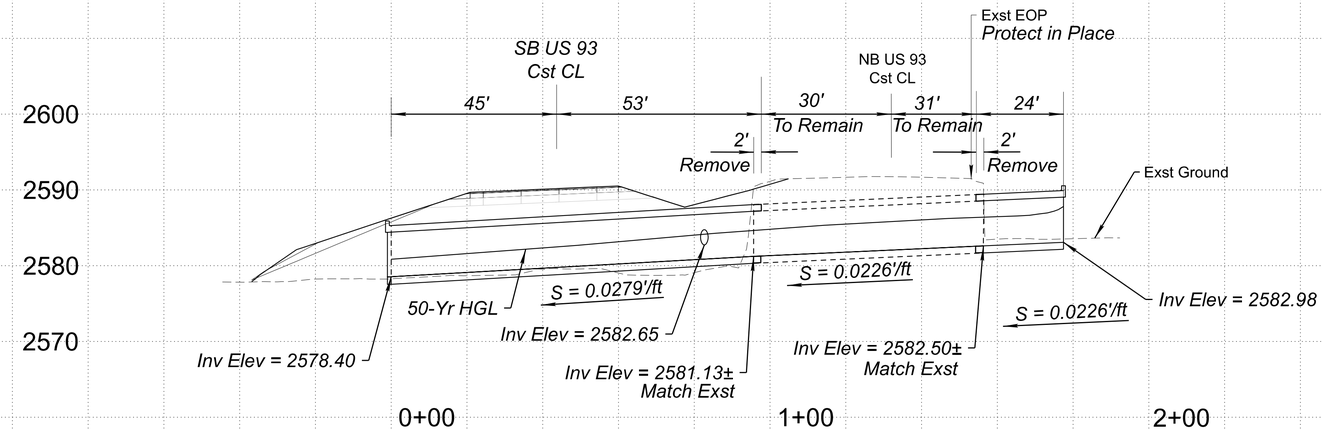
DWG No. D-2.18

TRACS NO. F0738 01C

____ OF ____



Note: See Detail DR for Riprap Gradation



Sta 326+36 NB US 93
Exst 4-10'x6' x 63' CBC
Skew 30° Lt
Remove Exst Lt Wingwall & 2 LF Lt & 2 LF Rt
Extend 98' Lt
Skew 15° Lt
Extend 24' Rt
Skew 30 Lt

DETAIL D19

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

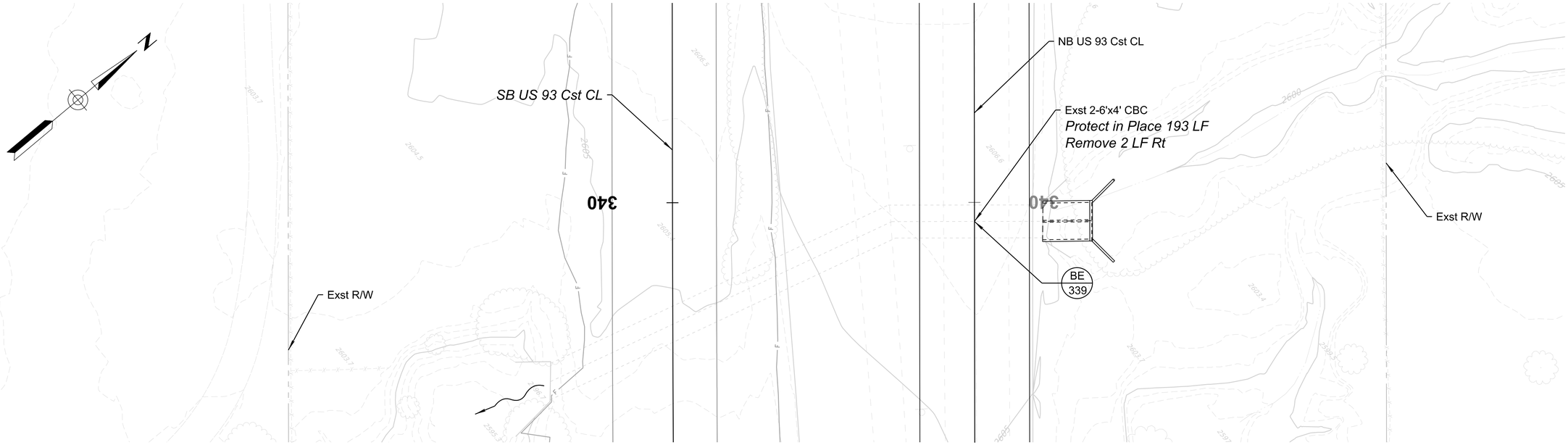
TRANSPORTATION
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Phoenix, Arizona 85020
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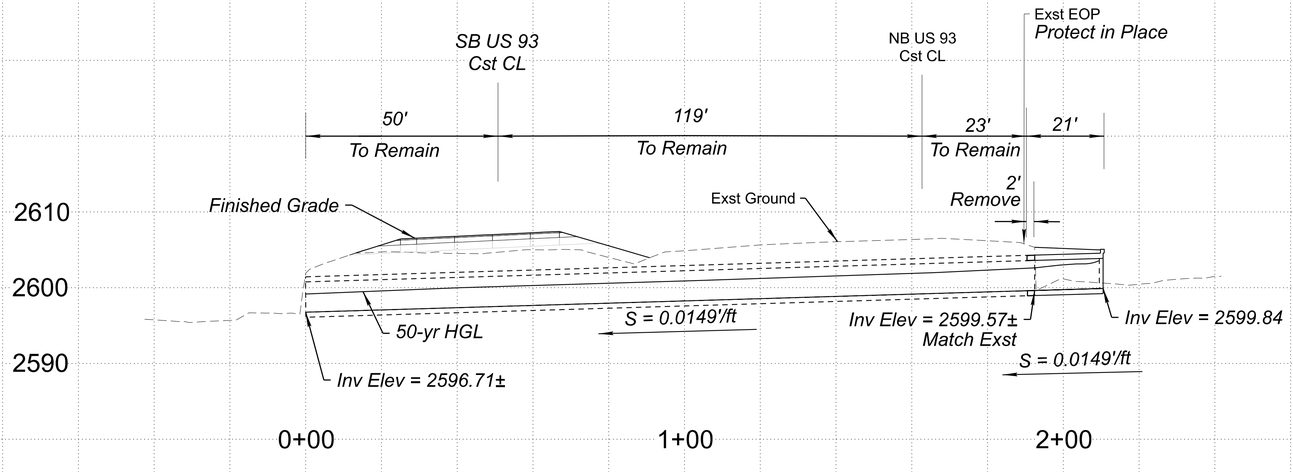
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
CULVERT DETAIL SHEET
DETAIL D19 - CULVERT BE 326
NB US 93 STA 326+36

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	05003

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	98	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. D-2.19
TRACS NO. F0738 01C
____ OF____





Sta 339+93 NB US 93
Exst 2-6'x4' x 195' CBC
Skew 25° Lt
Remove Exst Rt Wingwall & 2 LF Rt
Extend 21' Rt

DETAIL D20

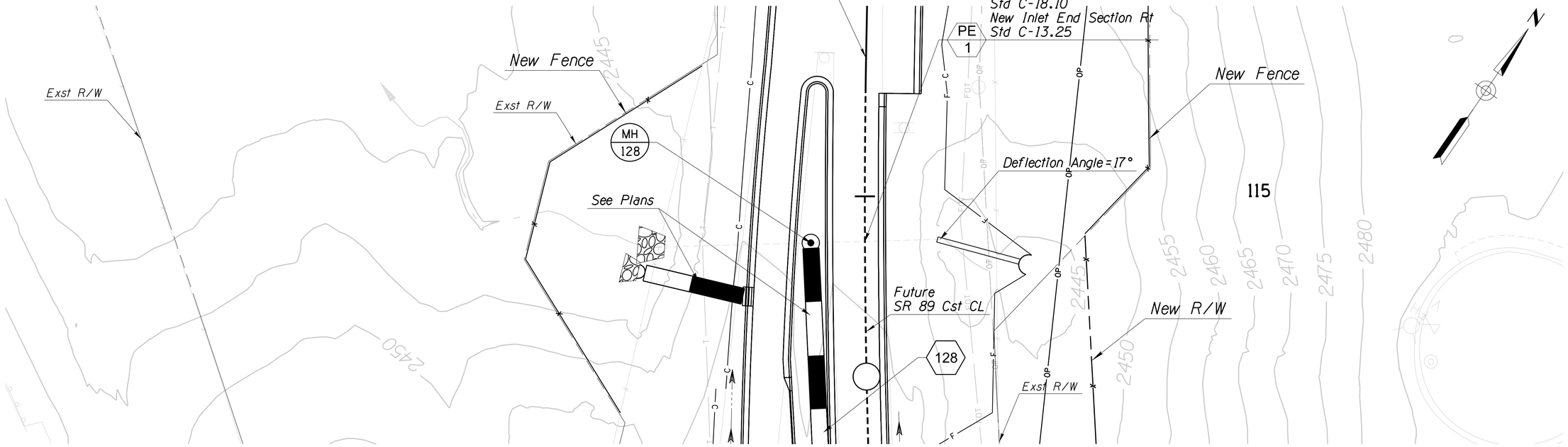
	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

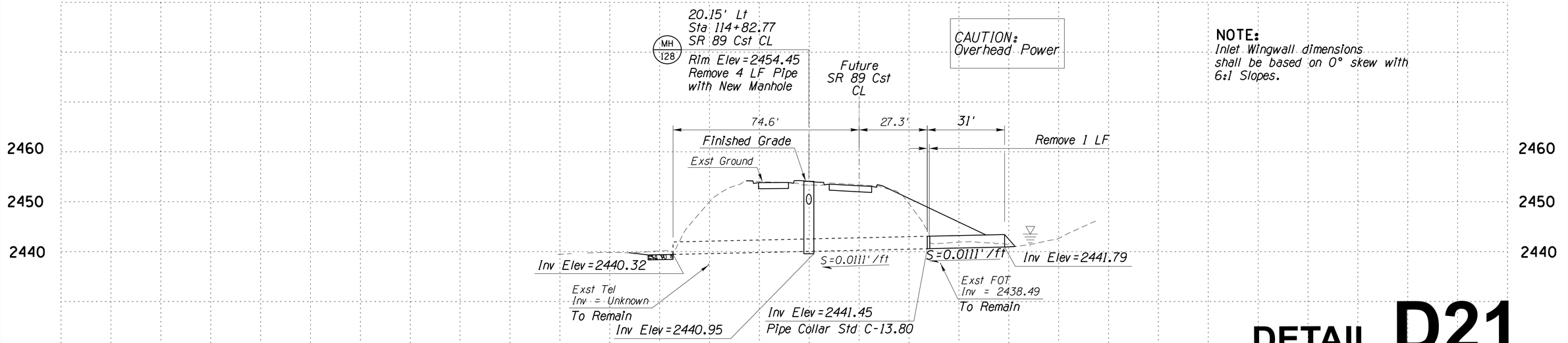
TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
CULVERT DETAIL SHEET
DETAIL D20 - CULVERT BE 339
NB US 93 STA 339+93

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	99	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. D-2.20
	TRACS NO. F0738 01C					____ OF____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	100	524	
		093 YV 189			





NOTE:
Inlet Wingwall dimensions shall be based on 0° skew with 6:1 Slopes.

DETAIL D21

Sta 114+83 FUTURE SR 89 CST CL
Exst 30"x102.9' CMP
Skew 1° Lt
Remove Exst Headwall Rt
Remove 4' Lt & 1' Rt
Extend 31' Rt

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	DBK	06-26

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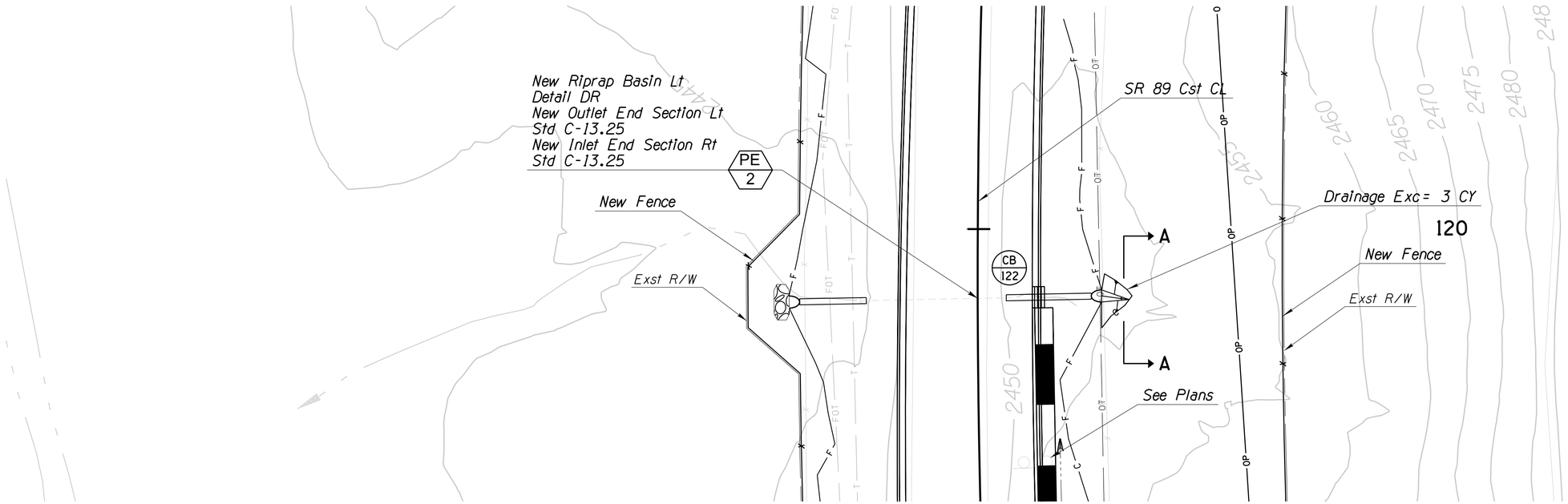
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

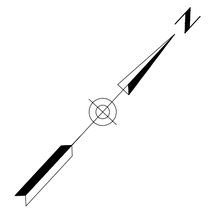
CULVERT DETAIL SHEET
DETAIL D21 - CULVERT PE1
SR 89 STA 114+83

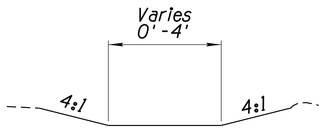
Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 05/05/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. D-2.21
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

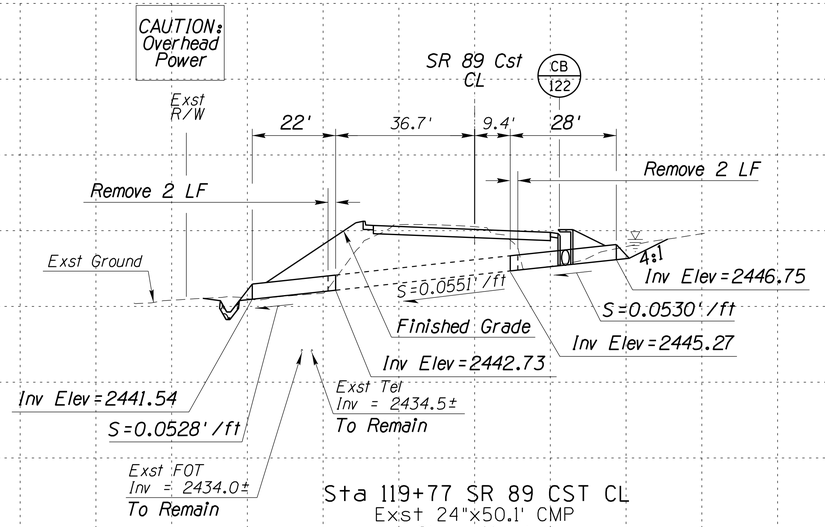
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	101	524	
		093 YV 189			







SECTION A-A



2450
2440
2430

2450
2440
2430

Sta 119+77 SR 89 CST CL
Exst 24"x50.1' CMP
Skew 1° Lt
Remove 2' Lt & Rt
Remove Exst Headwall Rt
Extend 22' Lt & 28' Rt
Skew 1° Lt

DETAIL D22

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	DBK	06-26

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3133 East Camelback Road, Suite 100
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Phone: (602) 333-2200

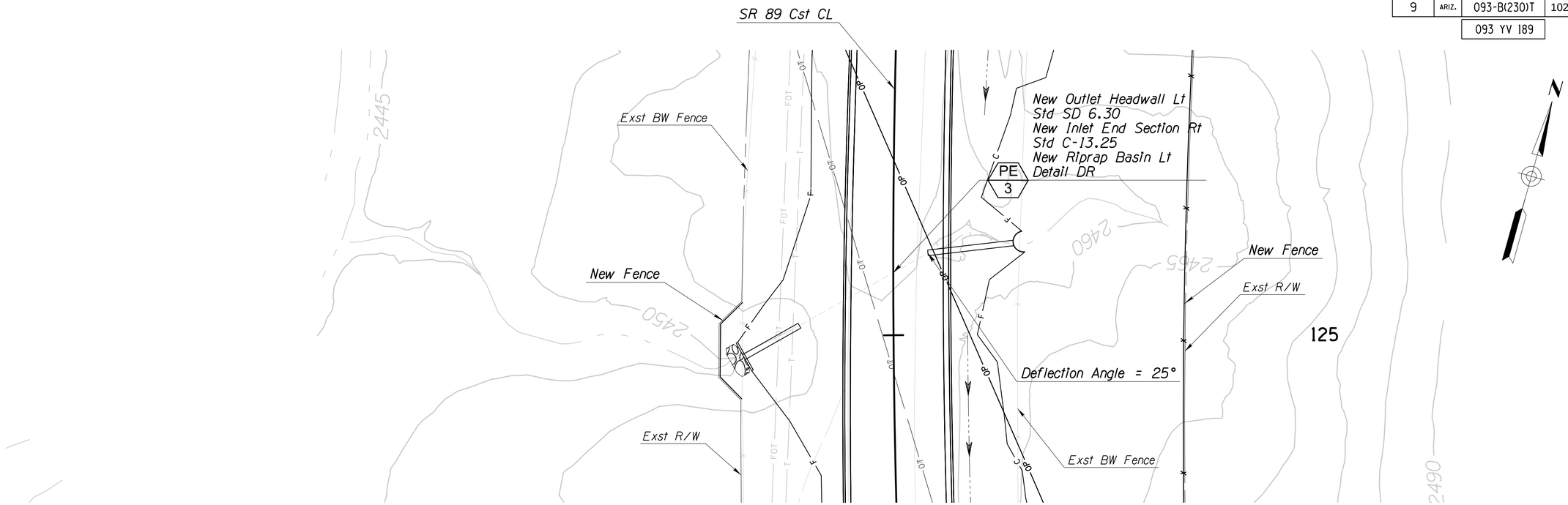
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

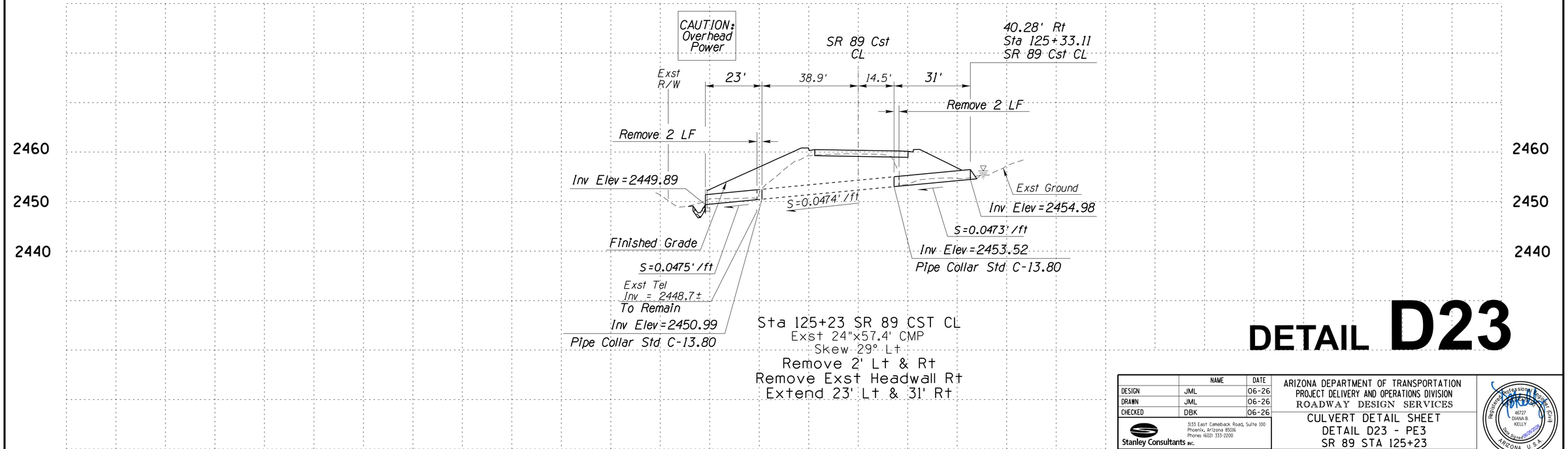
CULVERT DETAIL SHEET
DETAIL D22 - CULVERT PE2
SR 89 STA 119+77

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. D-2.22
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	102	524	
		093 YV 189			





Sta 125+23 SR 89 CST CL
Exst 24"x57.4' CMP
Skew 29° Lt
Remove 2' Lt & Rt
Remove Exst Headwall Rt
Extend 23' Lt & 31' Rt

DETAIL D23

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	DBK	06-26

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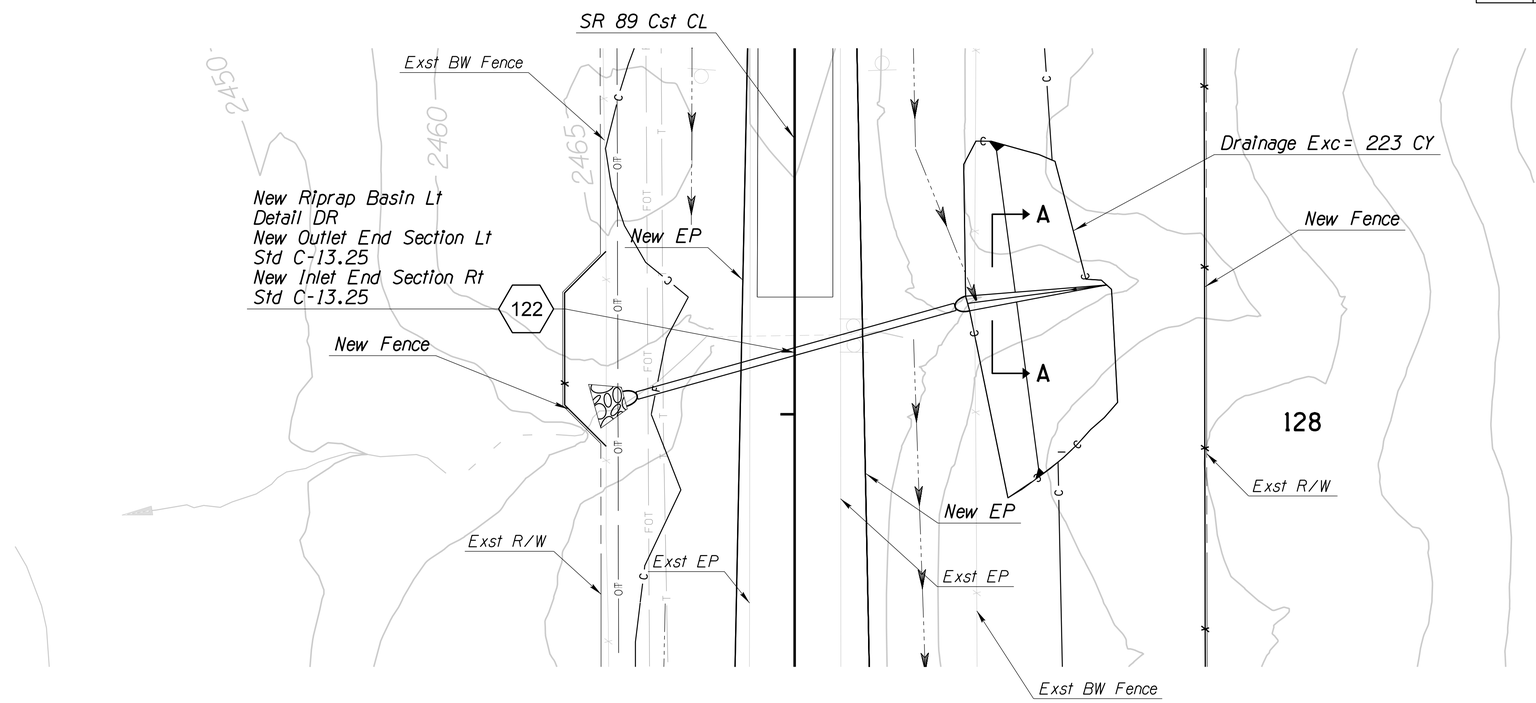
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

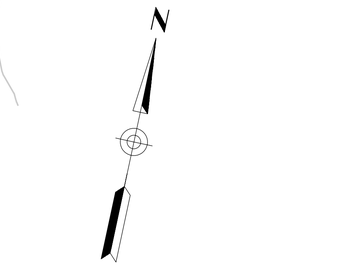
CULVERT DETAIL SHEET
DETAIL D23 - PE3
SR 89 STA 125+23

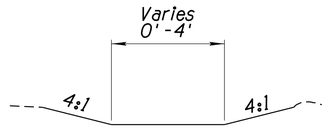
Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. D-2.23
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

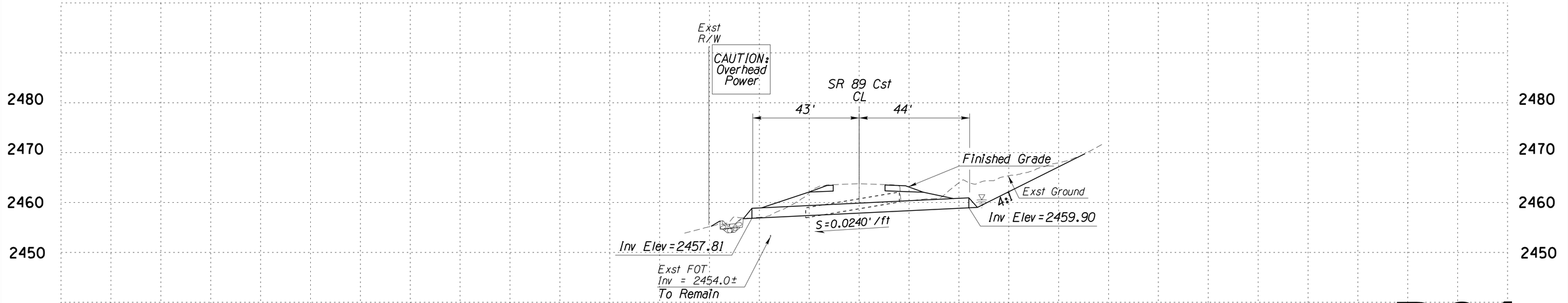
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	103	524	
		093 YV 189			







SECTION A-A



Sta 128+17 SR 89 CST CL
Exst 24"x38' CMP
Remove
Remove Exst Headwall LT & RT
New 24"X87' CMP
Skew 15° Lt

DETAIL D24

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	DBK	06-26

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Phone: (602) 333-2200

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

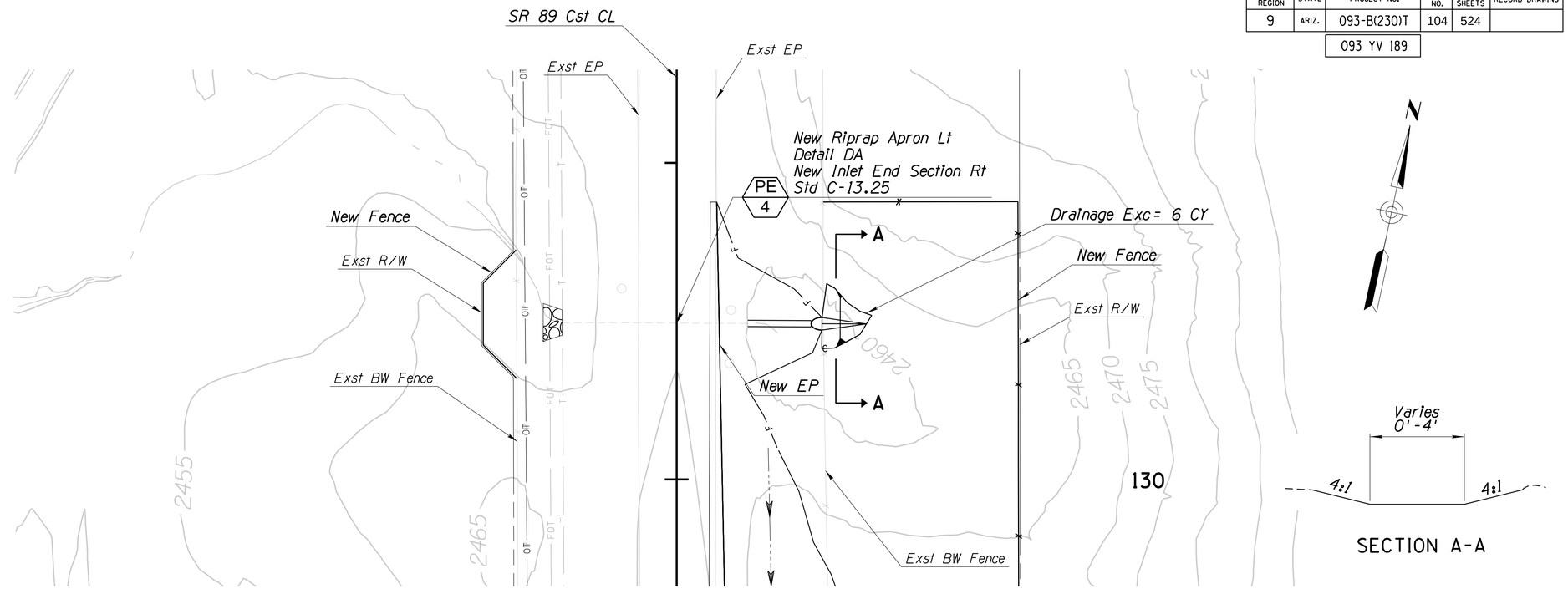
CULVERT DETAIL SHEET
DETAIL D24 - CULVERT 122
SR 89 STA 128+17

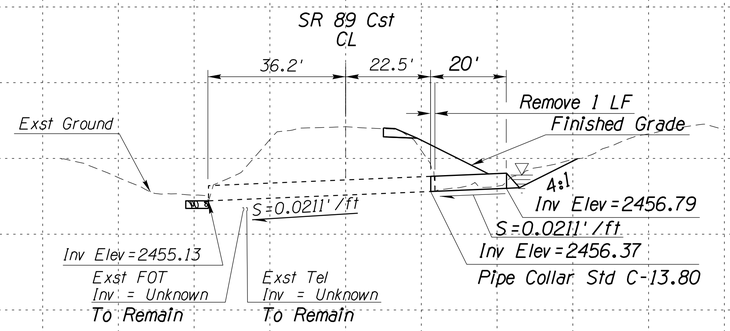
Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. D-2.24
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	104	524	
		093 YV 189			





Sta 130+49 SR 89 CST CL
Exst 24"x59.7' CMP
Skew 0°
Remove Headwall Rt
Remove 1' Rt
Extend 20' Rt
Skew 0°

DETAIL D25

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	DBK	06-26

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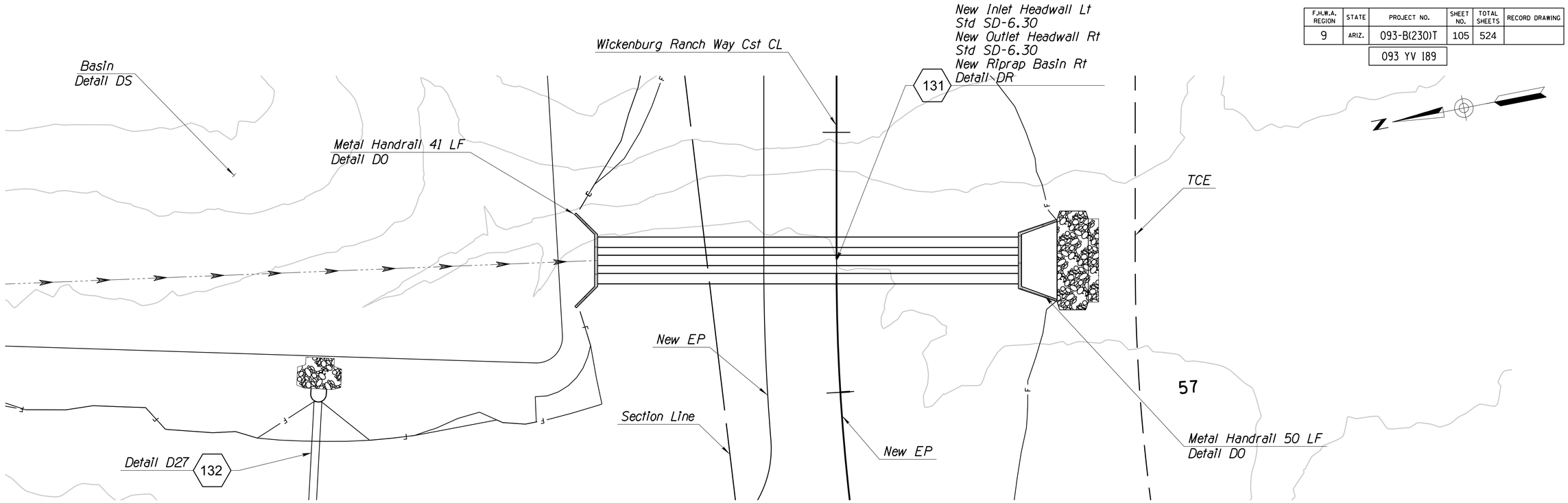
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

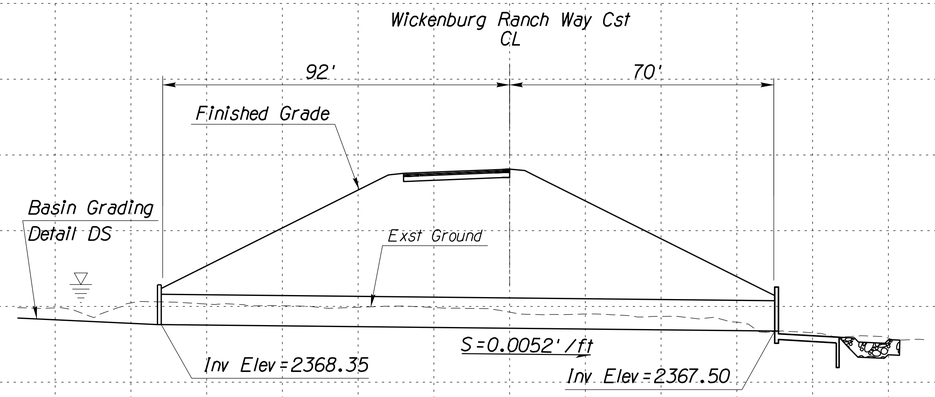
CULVERT DETAIL SHEET
DETAIL D25 - CULVERT PE4
SR 89 STA 130+49

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. D-2.25
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	105	524	
		093 YV 189			





NOTE:
Inlet & Outlet Wingwall dimensions shall be based on 0° skew with 4:1 Slopes.

Sta 57+51 WICKENBURG RANCH WAY CST CL
Skew 0°
New 3-48"x 162' CMP

DETAIL D26

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	DBK	06-26

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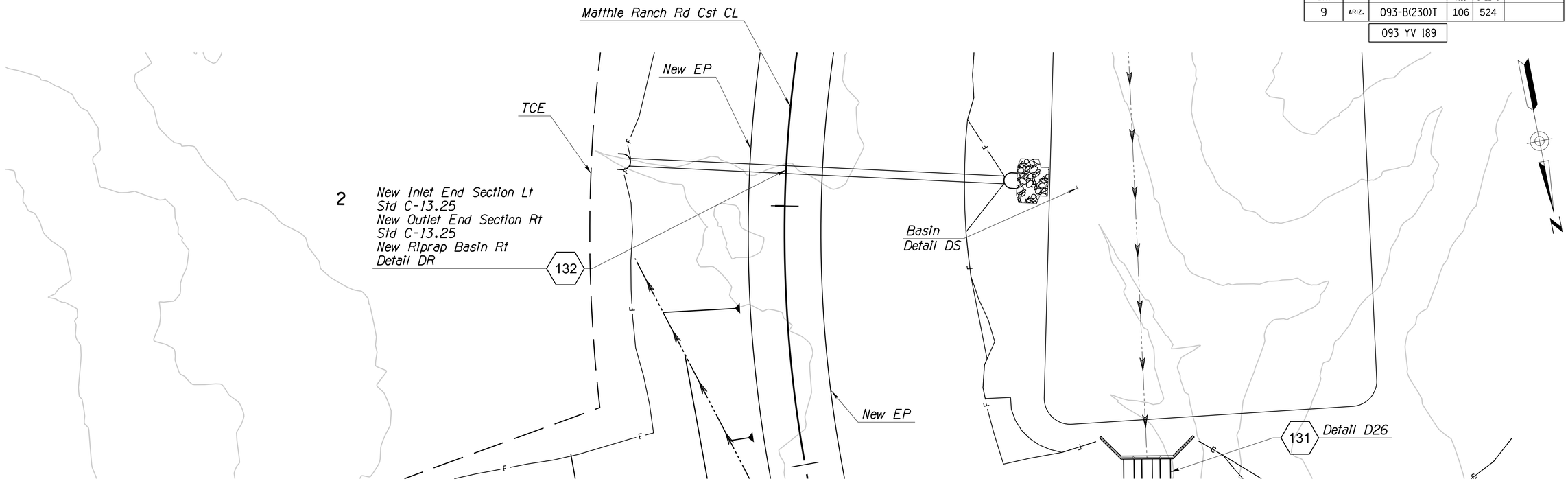
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

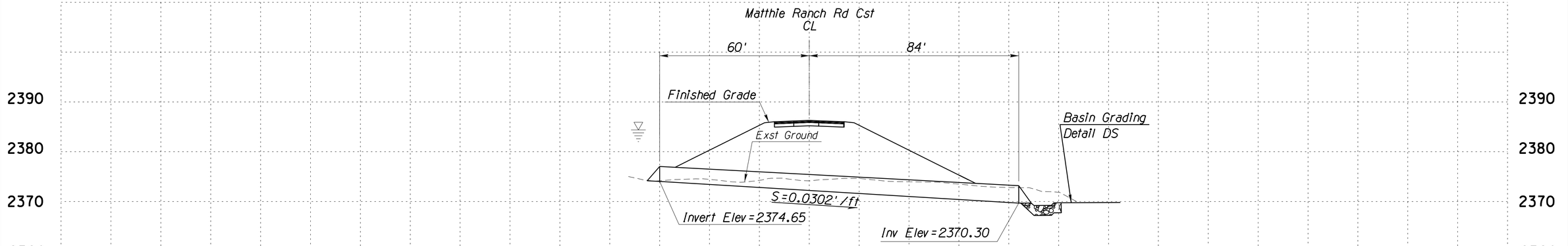
CULVERT DETAIL SHEET
DETAIL D26 - CULVERT 131
WICKENBURG RANCH WAY STA 57+51

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. D-2.26
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	106	524	
		093 YV 189			





Sta 2+14 MATTHIE RANCH RD CST CL
Skew 0° Rt
New 36"x 144' PIPE CULVERT

DETAIL D27

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	DBK	06-26

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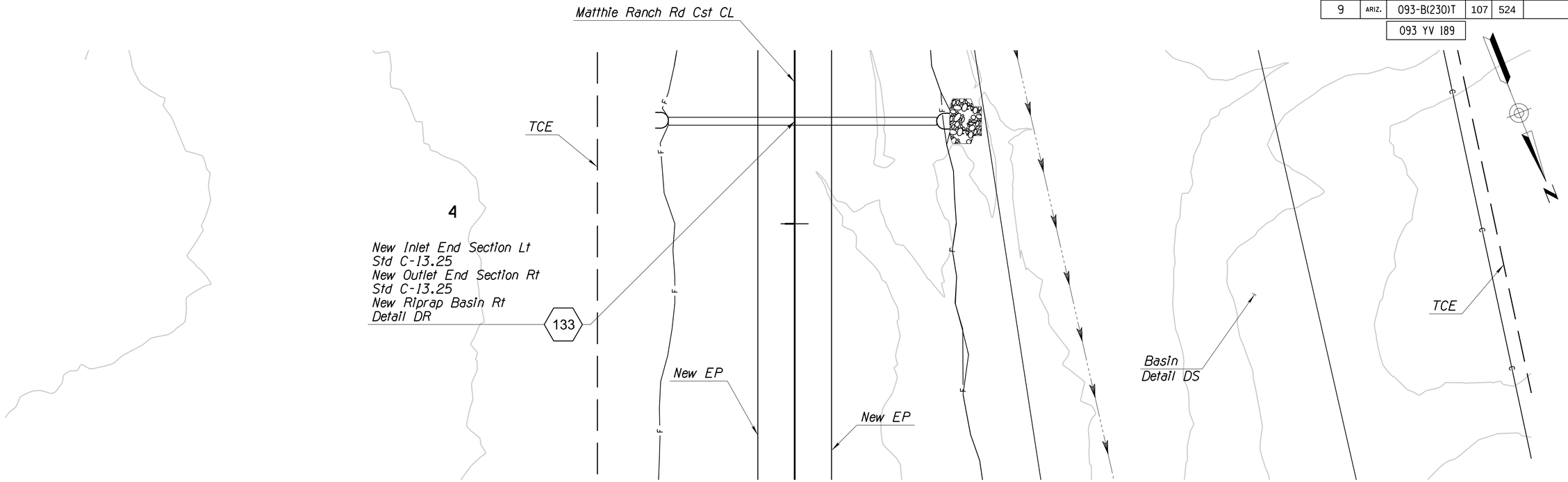
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

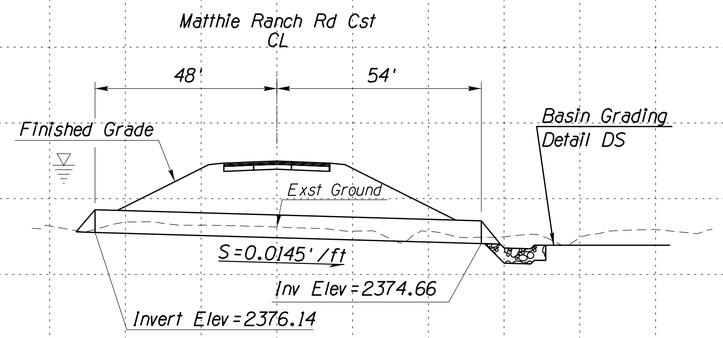
CULVERT DETAIL SHEET
DETAIL D27 - CULVERT 132
MATTHIE RANCH RD STA 1+89

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. D-2.27
TRACS NO. F0738 01C		093-B(230)T ___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	107	524	
		093 YV 189			





Sta 4+39 MATTHIE RANCH RD CST CL
Skew 0° Rt
New 36"x 102' PIPE CULVERT

2390
2380
2370
2360

DETAIL D28

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	DBK	06-26

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Phone: (602) 333-2200

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

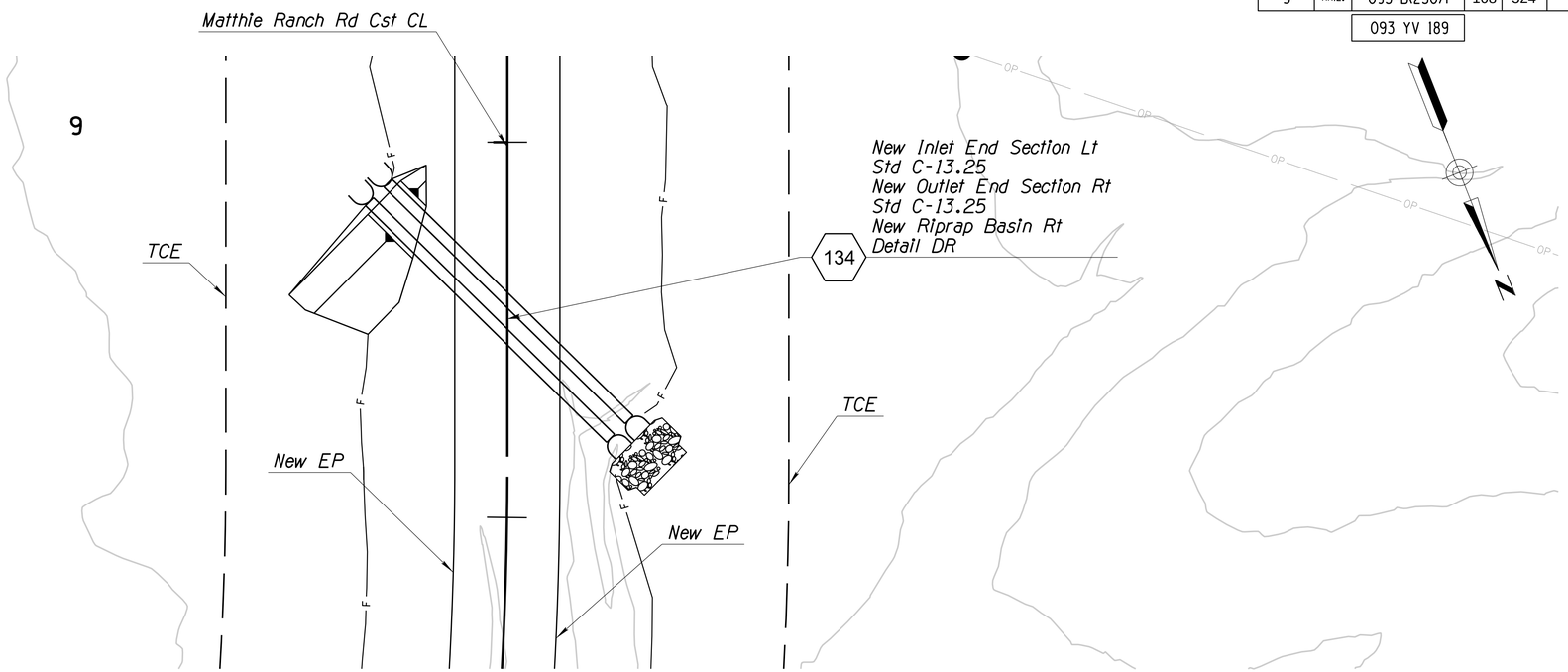
CULVERT DETAIL SHEET
DETAIL D28 - CULVERT 133
MATTHIE RANCH RD STA 3+96

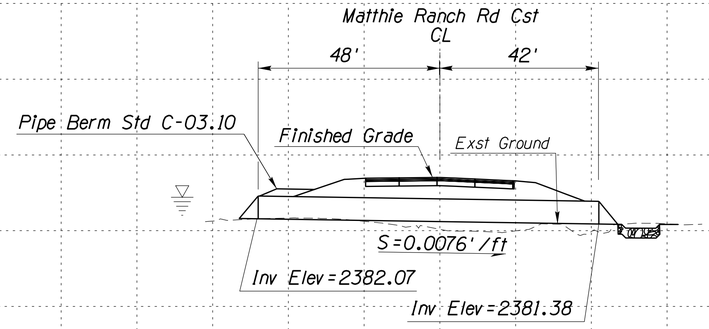
Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. D-2.28
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	108	524	
		093 YV 189			





Sta 8+53 MATTHIE RANCH RD CST CL
Skew 44° Rt
New 2-36"x 90' PIPE CULVERT

DETAIL D29

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

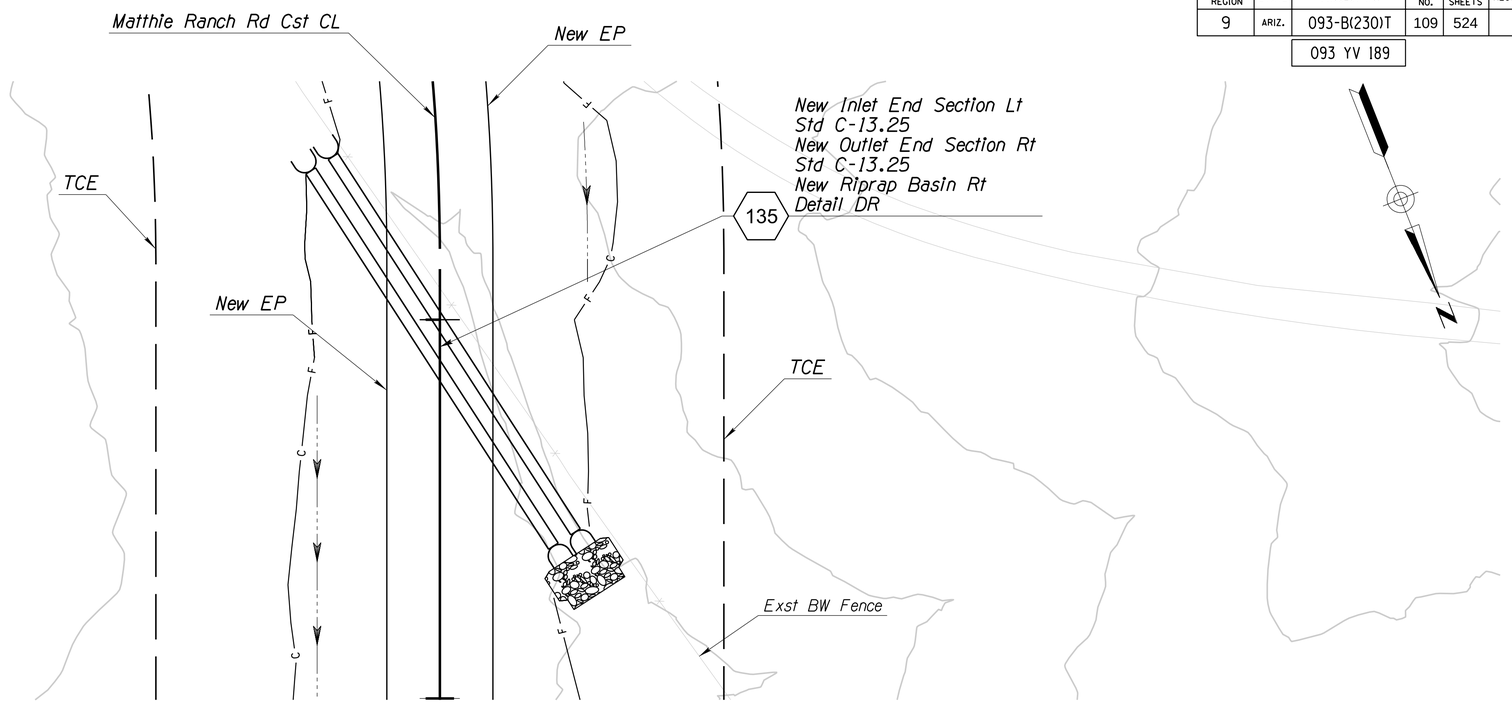
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

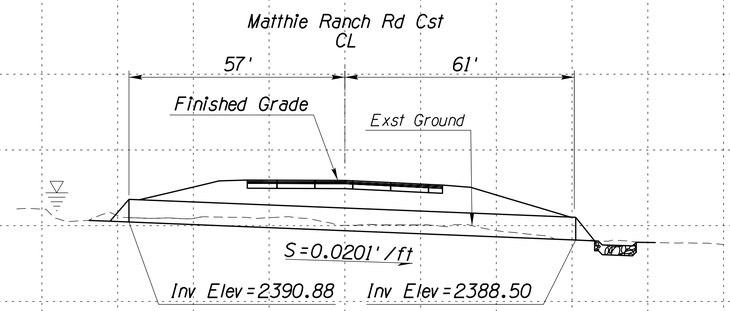
CULVERT DETAIL SHEET
DETAIL D29 - CULVERT 134
MATTHIE RANCH RD STA 8+53

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. D-2.29
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	109	524	
		093 YV 189			





2400
2390
2380
2370

Sta 15+93 MATTHIE RANCH RD CST CL
Skew 57° Rt
New 2-36"x 118' PIPE CULVERT

DETAIL D30

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	DBK	06-26

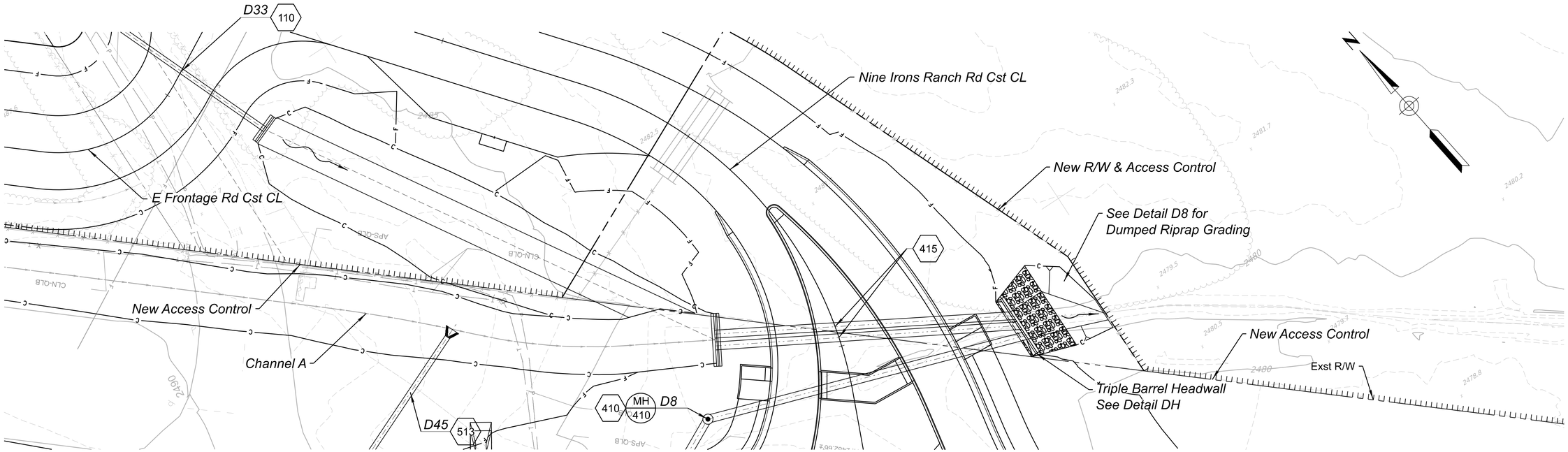
Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

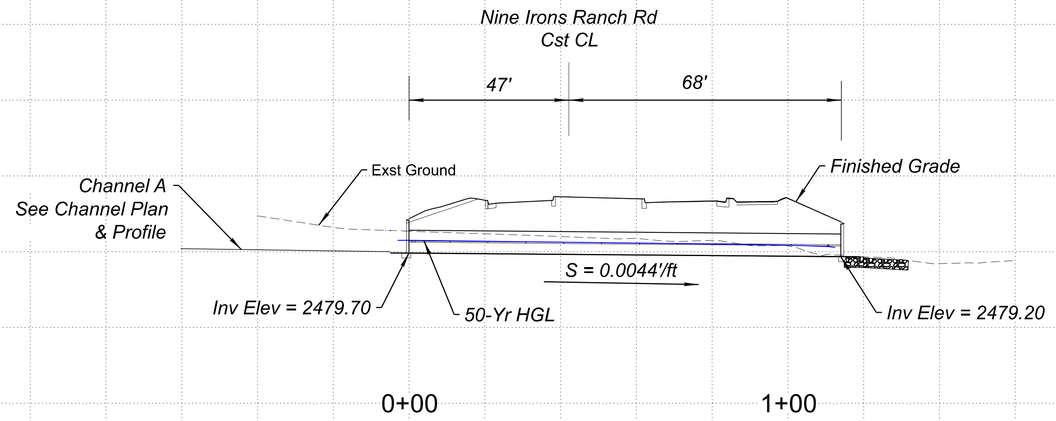
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

CULVERT DETAIL SHEET
DETAIL D30 - CULVERT 135
MATTHIE RANCH RD STA 15+93

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. D-2.30
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___





Sta 21+06 Nine Irons Ranch Rd
New 2-36" x 115' Storm Drain Pipe
Skew 20° Lt

DETAIL D31

UTILITY DISPOSITION LEGEND

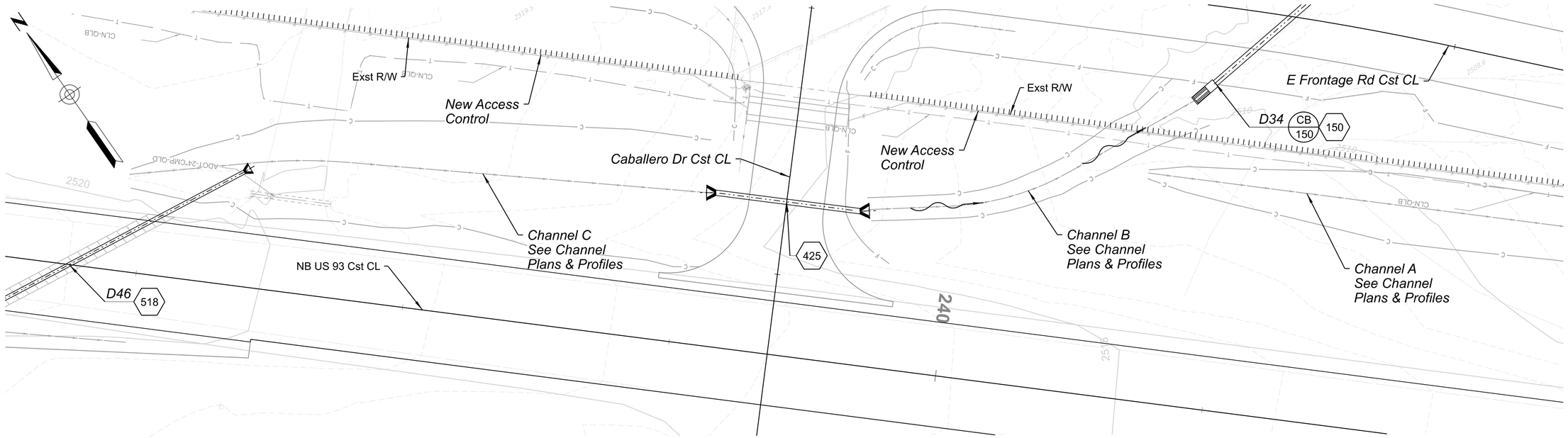
- A — To Remain In Service - Protect in Place
- B — Contractor to Relocate, Remove or Reset
- C — To Be Relocated or Removed By Others
- D — To Be Constructed By Others

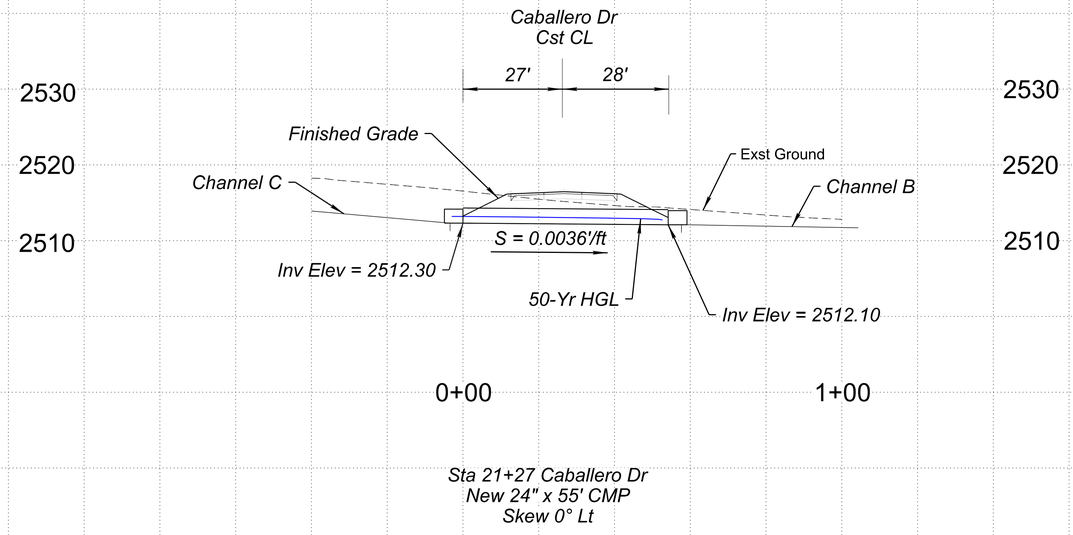
	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

TRANSPORTATION
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Phoenix, Arizona 85020
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AECOM
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
PIPE DETAIL SHEET
DETAIL D31 - PIPE 415
NINE IRONS RANCH RD STA 21+06

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	110	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. D-2.31
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF____





Sta 21+27 Caballero Dr
New 24" x 55' CMP
Skew 0° Lt

DETAIL D32

UTILITY DISPOSITION LEGEND

- A — *To Remain In Service - Protect in Place*
- B — *Contractor to Relocate, Remove or Reset*
- C — *To Be Relocated or Removed By Others*
- D — *To Be Constructed By Others*

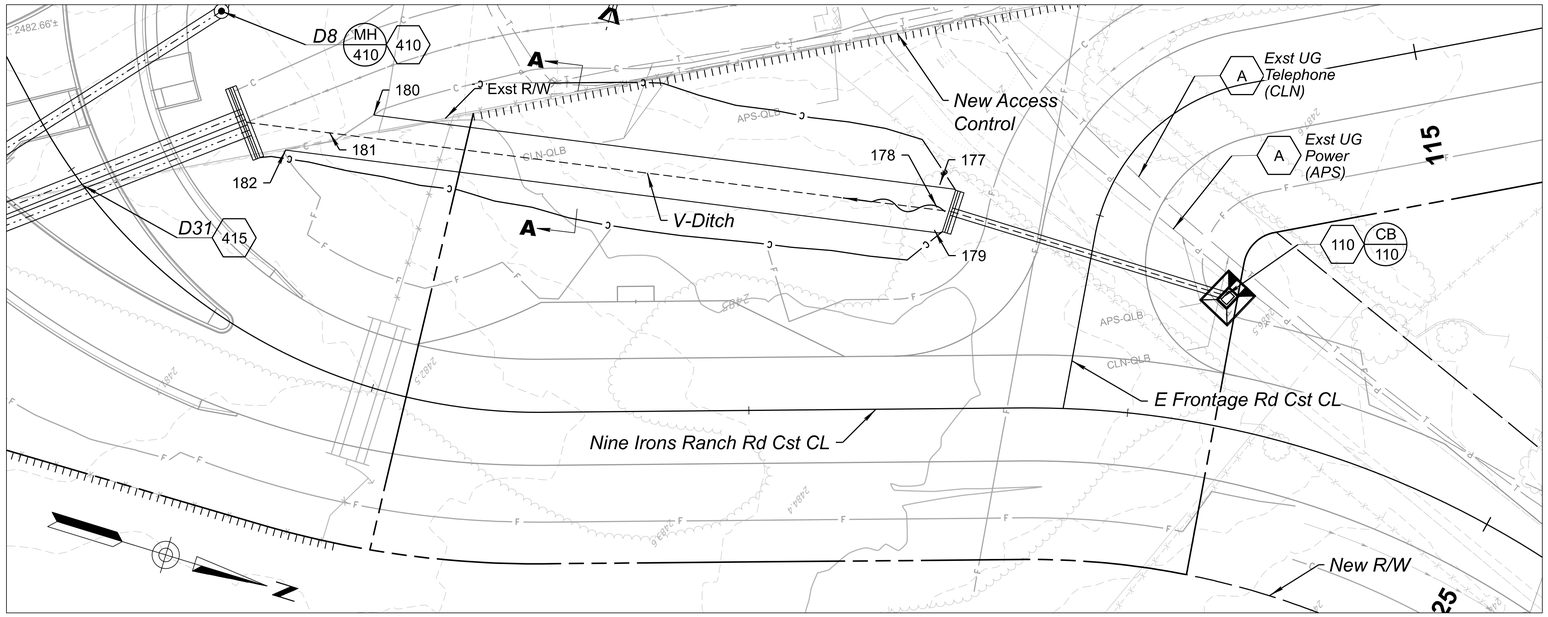
	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
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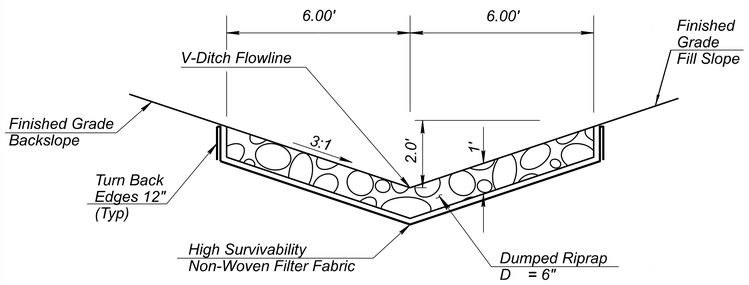
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
PIPE DETAIL SHEET
DETAIL D32 - PIPE 425
CABALLERO DR STA 21+27

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	111	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. D-2.32
	TRACS NO. F0738 01C					____ OF ____



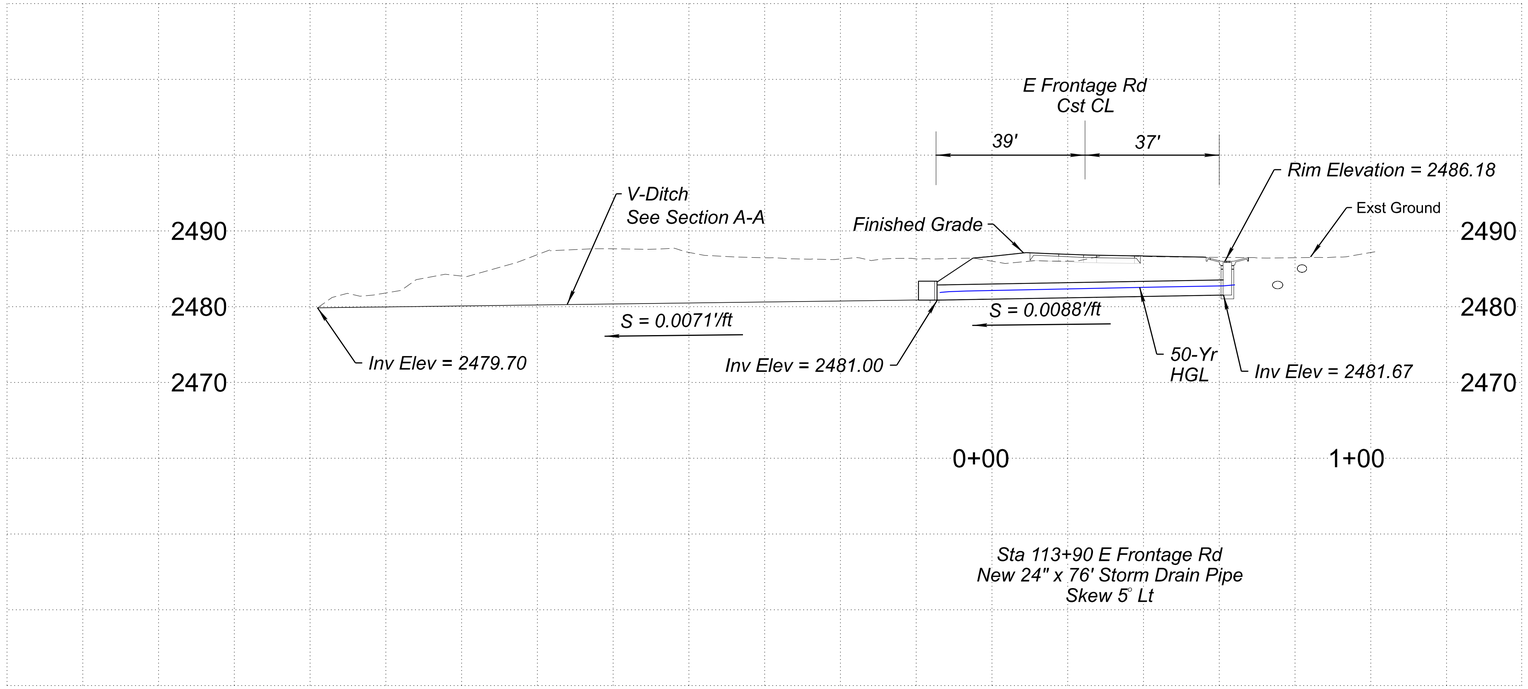
RIPRAP QUANTITIES 110		
X Sectional Area	11.99	sq ft
Length	184.51	ft
Volume	81.94	cu yd

Note: See Detail DR for Riprap Gradation



SECTION A-A

N.T.S



Sta 113+90 E Frontage Rd
New 24" x 76' Storm Drain Pipe
Skew 5° Lt

CHANNEL GRADING CONTROL POINTS			
Point No.	**Nine Irons Ranch Rd Cst CL**	**Offset Lt**	**Elev**
177	23+50.91	59.10	2486.23
178	23+50.13	53.15	2480.00
179	23+49.34	47.20	2486.21
180	21+62.78	66.45	2485.57
181	21+50.52	56.15	2479.74
182	21+40.74	45.35	2485.90

DETAIL D33

UTILITY DISPOSITION LEGEND
- A — *To Remain In Service - Protect in Place*
- B — *Contractor to Relocate, Remove or Reset*
- C — *To Be Relocated or Removed By Others*
- D — *To Be Constructed By Others*

Registered Professional Engineer — 39644 — BILLIE BENETDALE — Civil — Engineering Specialist — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
PIPE DETAIL SHEET
DETAIL D33 - PIPE 110
E FRONTAGE RD STA 113+90

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division

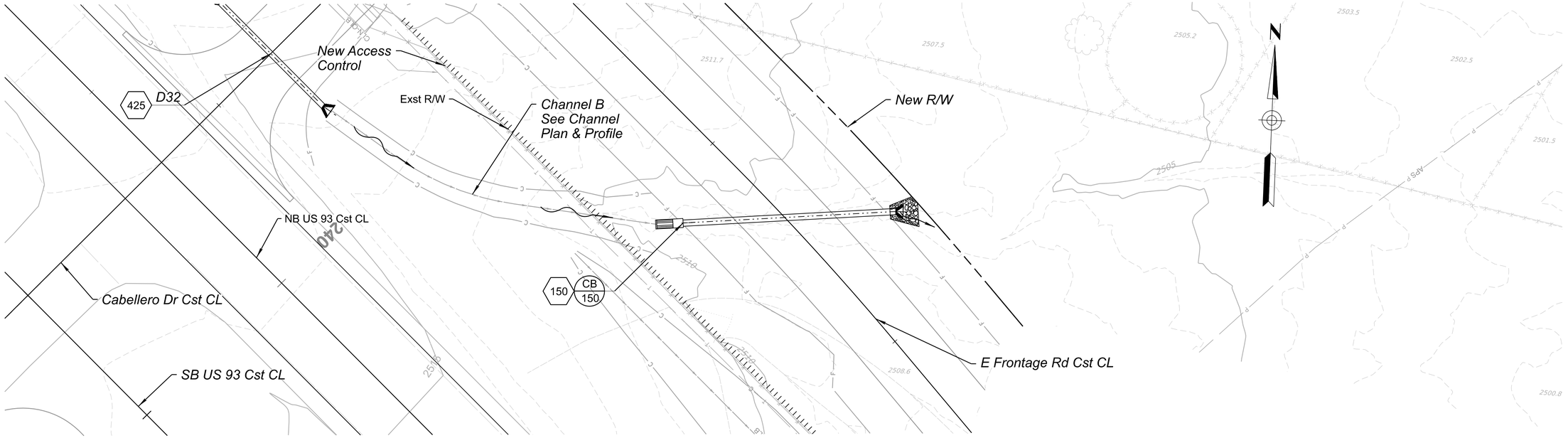
STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	112	524	

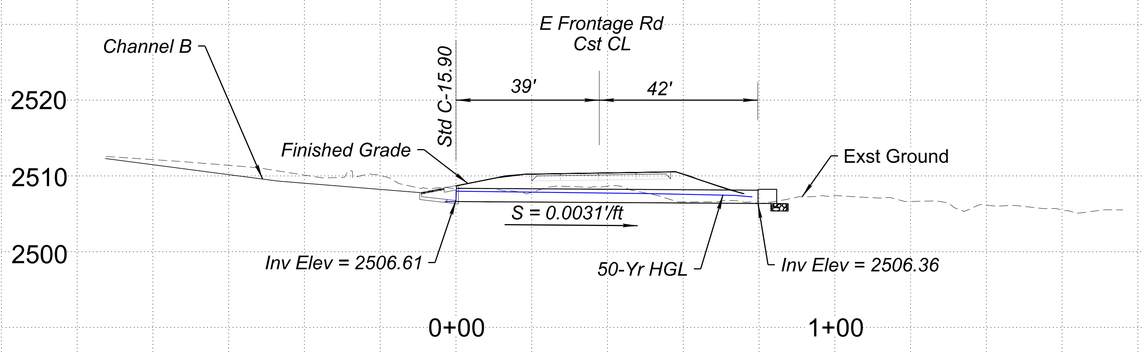
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. D-2.33

TRACS NO. F0738 01C

____ OF ____





Sta 126+62 E Frontage Rd
New 28"x20" x 81' CMPA
Skew 44° Lt

DETAIL D34

UTILITY DISPOSITION LEGEND

- A — *To Remain In Service - Protect in Place*
- B — *Contractor to Relocate, Remove or Reset*
- C — *To Be Relocated or Removed By Others*
- D — *To Be Constructed By Others*

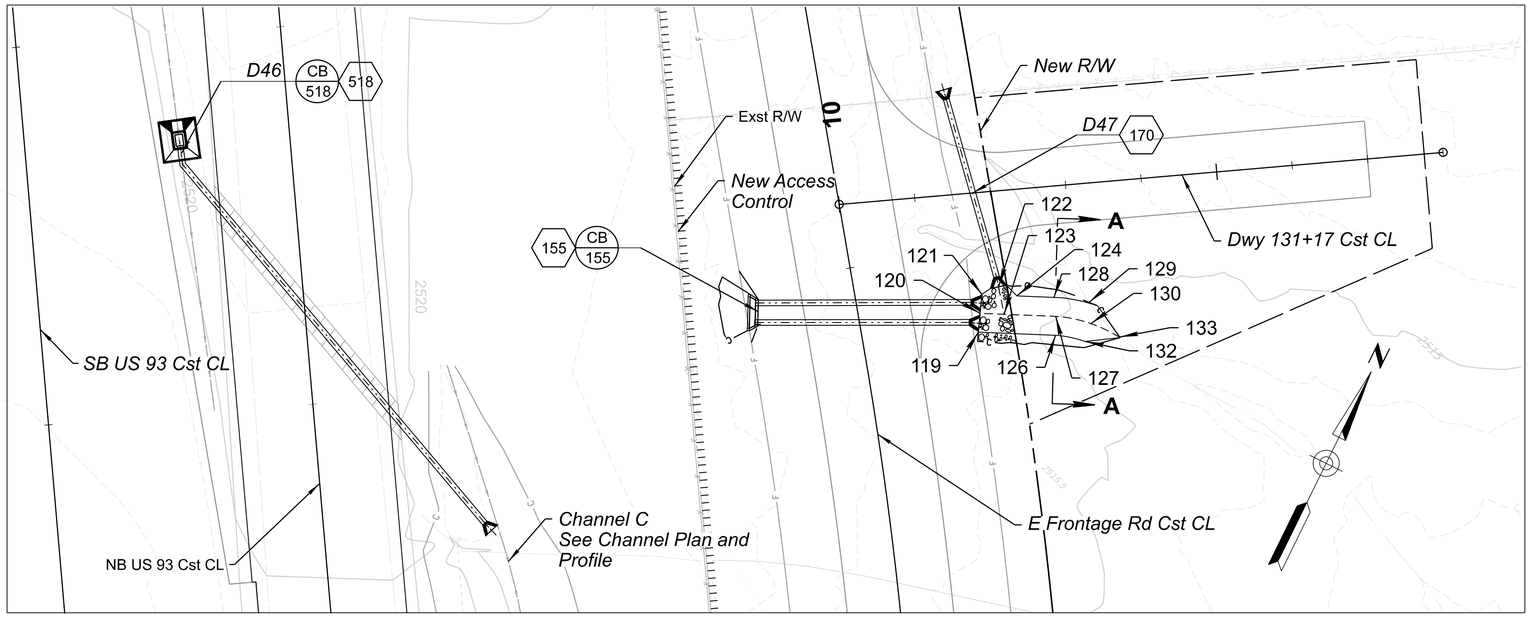
Registered Professional Engineer — CERTIFICATE — 46624 — BILLIE BENETDALE — Civil — Expires 06/30/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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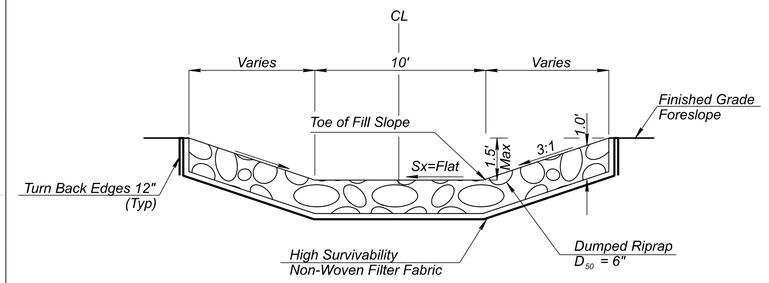
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
PIPE DETAIL SHEET
DETAIL D34 - PIPE 150
E FRONTAGE RD STA 126+62

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	113	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. D-2.34
	TRACS NO. F0738 01C					____ OF____



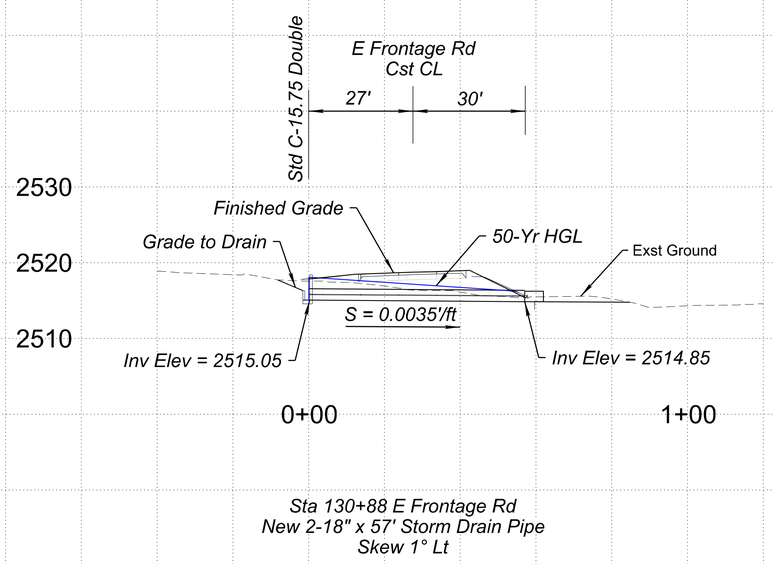
RIPRAP QUANTITIES 155/170		
Area	122.78	sq ft
Depth	1.00	ft
Volume	4.55	cu yd

Note: See Detail DR for Riprap Gradation



NOTE: RIPRAP ONLY WHERE SHOWN ON PLAN

SECTION A-A
N.T.S



Sta 130+88 E Frontage Rd
New 2-18" x 57' Storm Drain Pipe
Skew 1° Lt

CHANNEL GRADING CONTROL POINTS			
Point No.	**East Frontage Rd Cst CL**	**Offset Rt**	**Elev**
119	130+77.56	30.48	2514.85
120	130+82.40	31.79	2514.85
121	130+87.23	33.10	2514.85
122	130+88.47	37.78	2515.00
123	130+81.06	37.99	2514.83
124	130+85.29	42.14	2514.64
126	130+73.49	50.27	2514.41
127	130+78.22	51.31	2514.41
128	130+83.10	52.36	2514.41
129	130+79.09	62.71	2514.18+/-
130	130+74.85	60.29	2514.19
132	130+70.70	57.88	2514.19
133	130+70.25	67.17	2514.00+/-

DETAIL D35

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
PIPE DETAIL SHEET
DETAIL D35 - PIPE 155
E FRONTAGE RD STA 130+88

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	114	524	
MILEPOST 189.9						
STRUCTURE NO.						

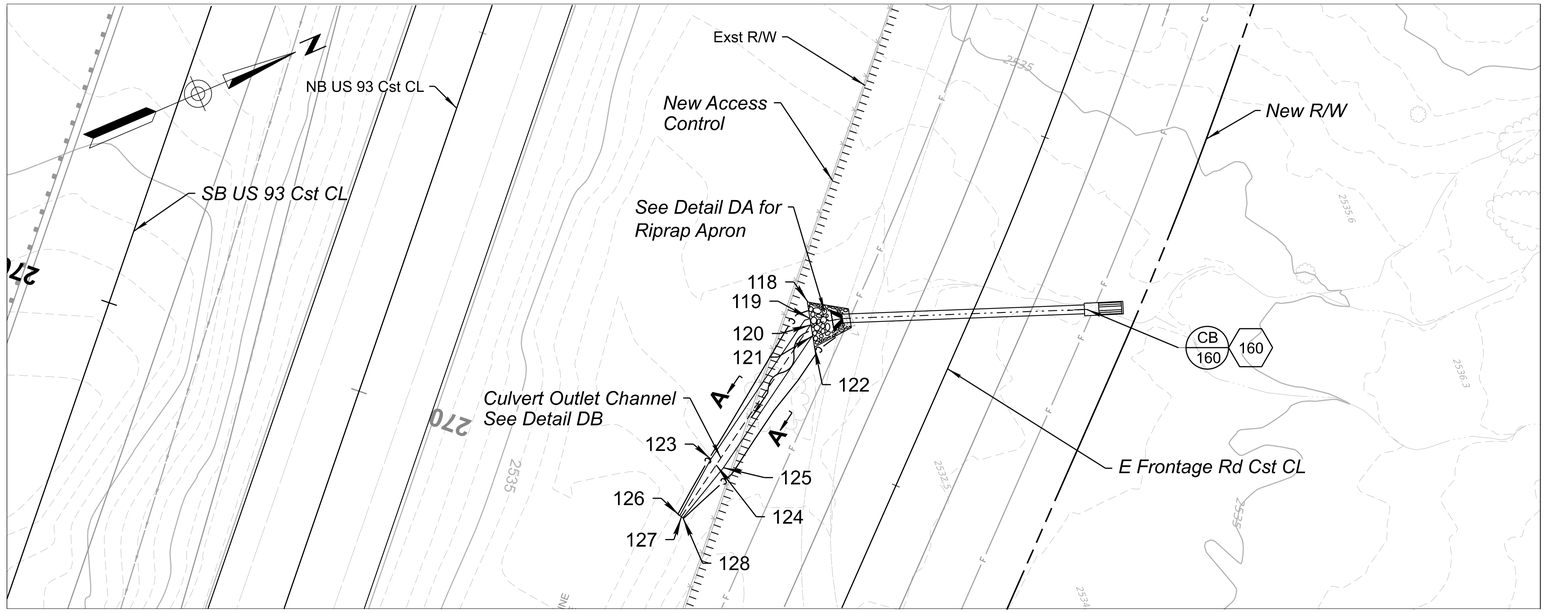
F.H.W.A. Arizona Division

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

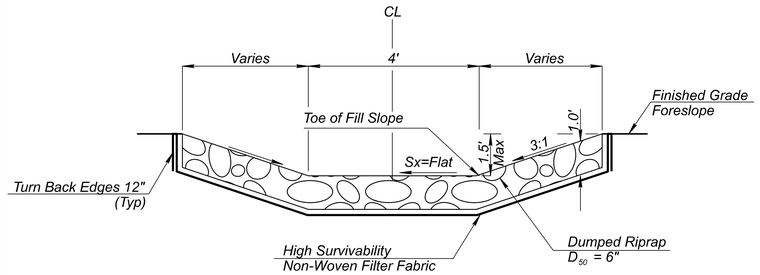
DWG No. D-2.35

____ OF ____

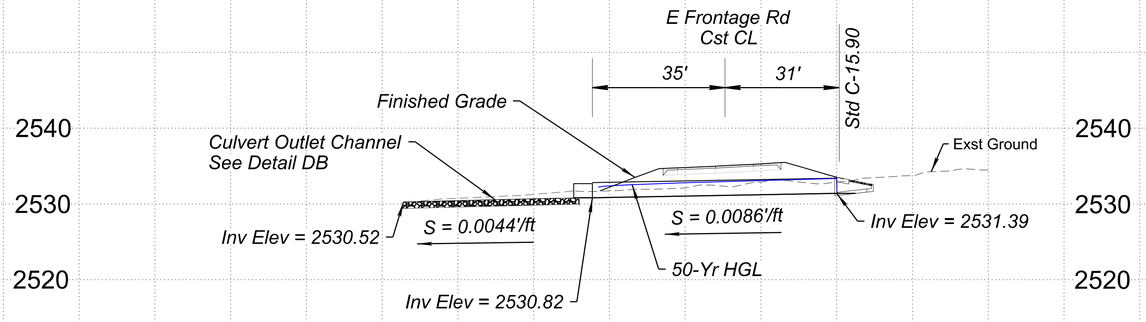


RIPRAP QUANTITIES 160		
Area	218.34	sq ft
Depth	1.00	ft
Volume *	8.09	cu yd

Note: See Detail DR for Riprap Gradation
** See Detail DA for Apron Quantity*



SECTION A-A
N.T.S



Sta 158+50 E Frontage Rd
New 28"x20" x 66' CMPA
Skew 27° Lt

CHANNEL GRADING CONTROL POINTS			
Point No.	**East Frontage Rd Cst CL**	**Offset Lt**	**Elev**
118	158+34.86	40.99	2531.70
119	158+31.12	38.56	2531.77
120	158+29.83	37.72	2530.79
121	158+27.38	36.13	2531.86
122	158+24.80	34.45	2531.90
123	157+86.64	47.49	2530.76
124	157+86.28	45.52	2530.60
125	157+85.93	43.55	2531.22
126	157+69.68	49.00	2530.61
127	157+69.59	48.51	2530.52
128	157+69.50	48.02	2530.58

DETAIL D36

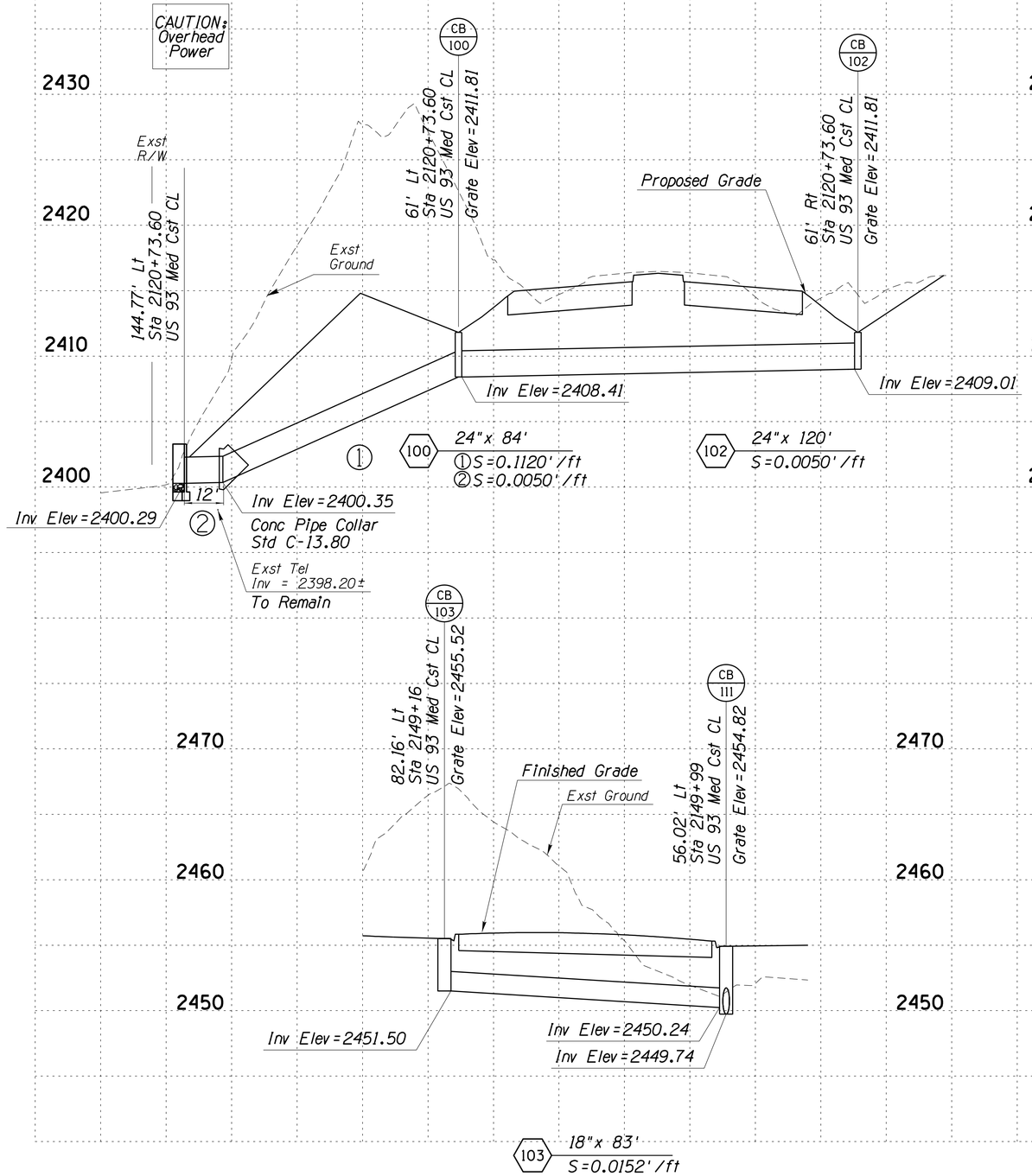
	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

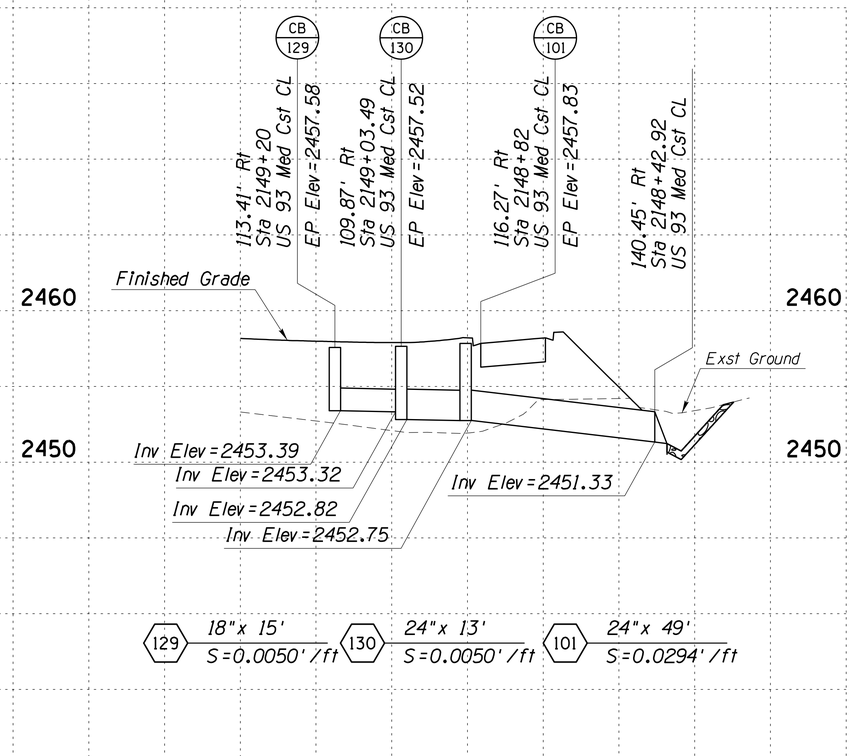
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T 602.371.1100
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
PIPE DETAIL SHEET
DETAIL D36 - PIPE 160
E FRONTAGE RD STA 158+50

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	115	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. D-2.36
	TRACS NO. F0738 01C					____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	116	524	
		093 YV 189			





	NAME	DATE
DESIGN	JML	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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3133 East Camelback Road, Suite 100
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Phone: (602) 333-2200

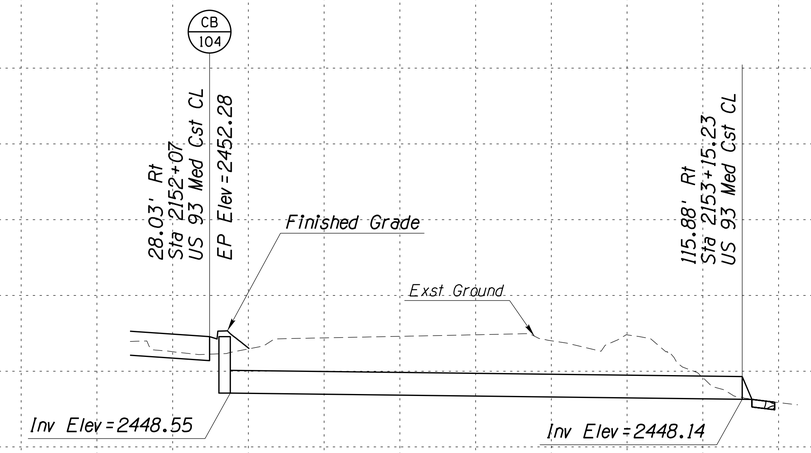
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

STORM DRAIN PROFILE

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 04/08/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. D-3.01
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	117	524	
		093 YV 189			



	NAME	DATE
DESIGN	JML	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

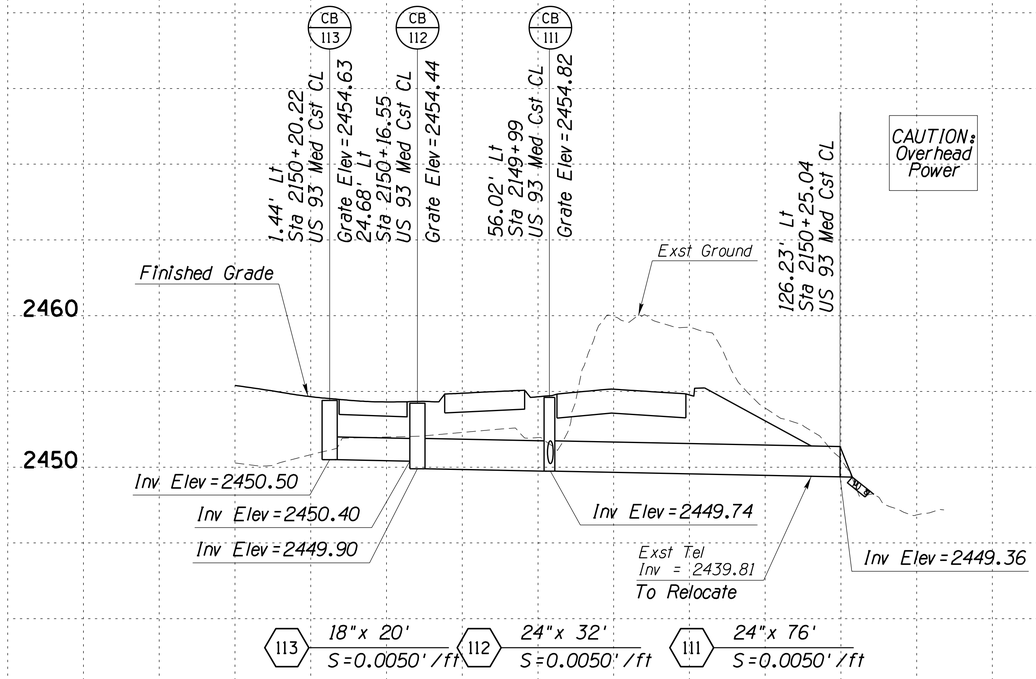
STORM DRAIN PROFILE

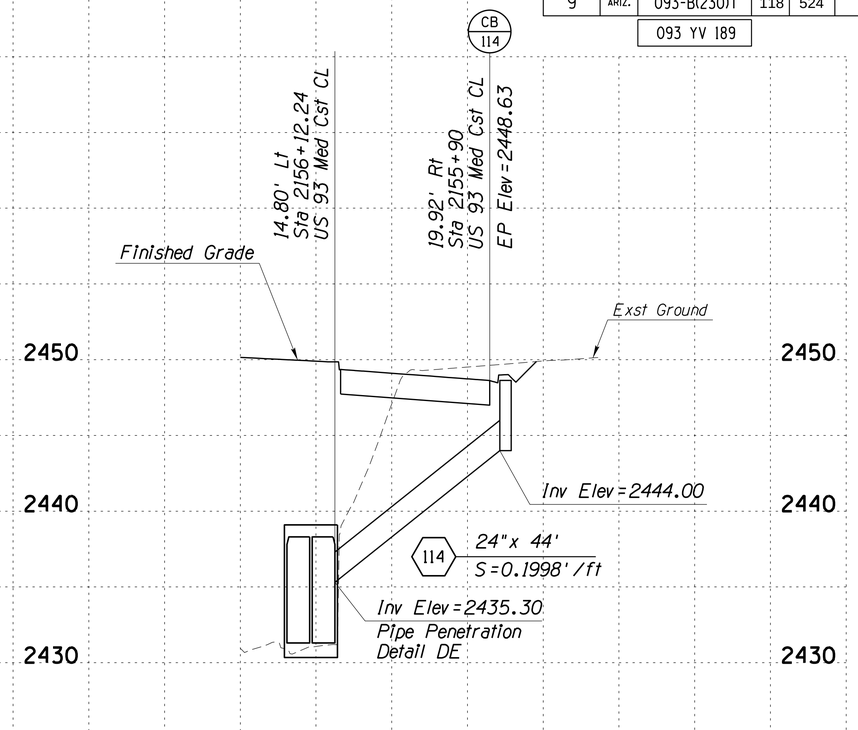
Registered Professional Engineer (Civil)
46727
DIANA B
KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

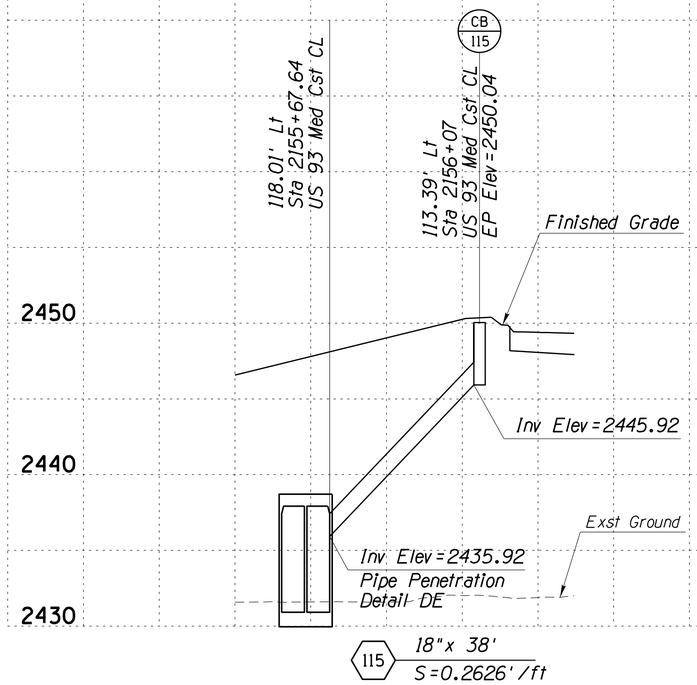
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US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	118	524	
		093 YV 189			







	NAME	DATE
DESIGN	JML	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

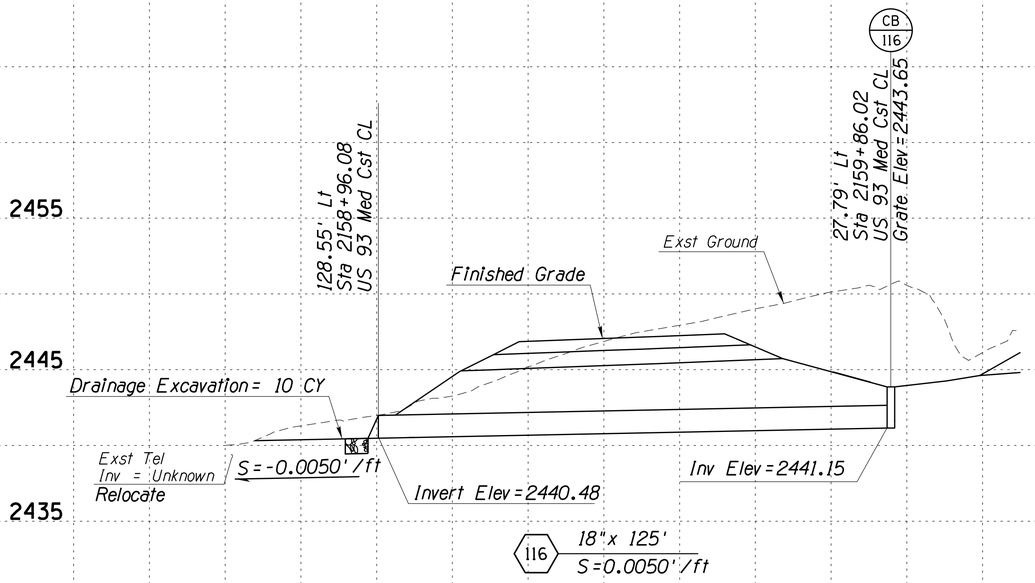
Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

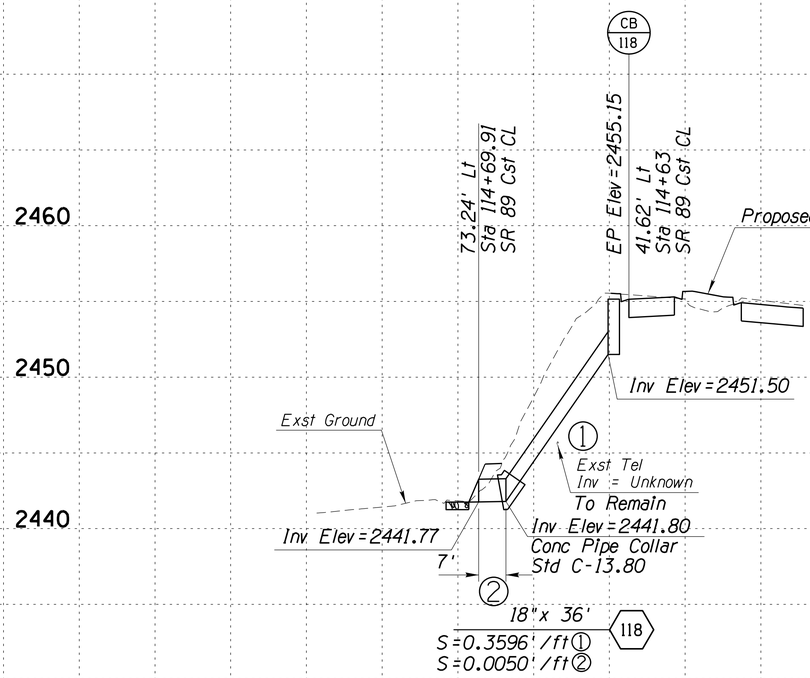
STORM DRAIN PROFILE

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. D-3.03
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	119	524	
		093 YV 189			





	NAME	DATE
DESIGN	JML	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

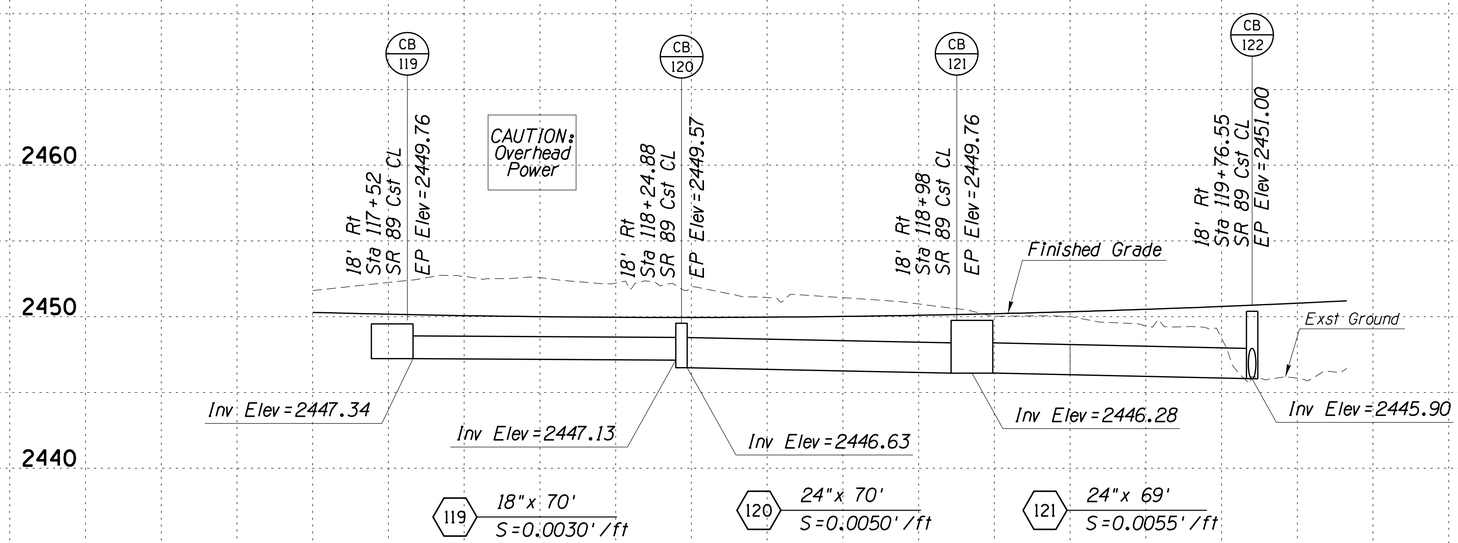
Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

STORM DRAIN PROFILE

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 6/30/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. D-3.04
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	120	524	
		093 YV 189			



	NAME	DATE
DESIGN	JML	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

STORM DRAIN PROFILE

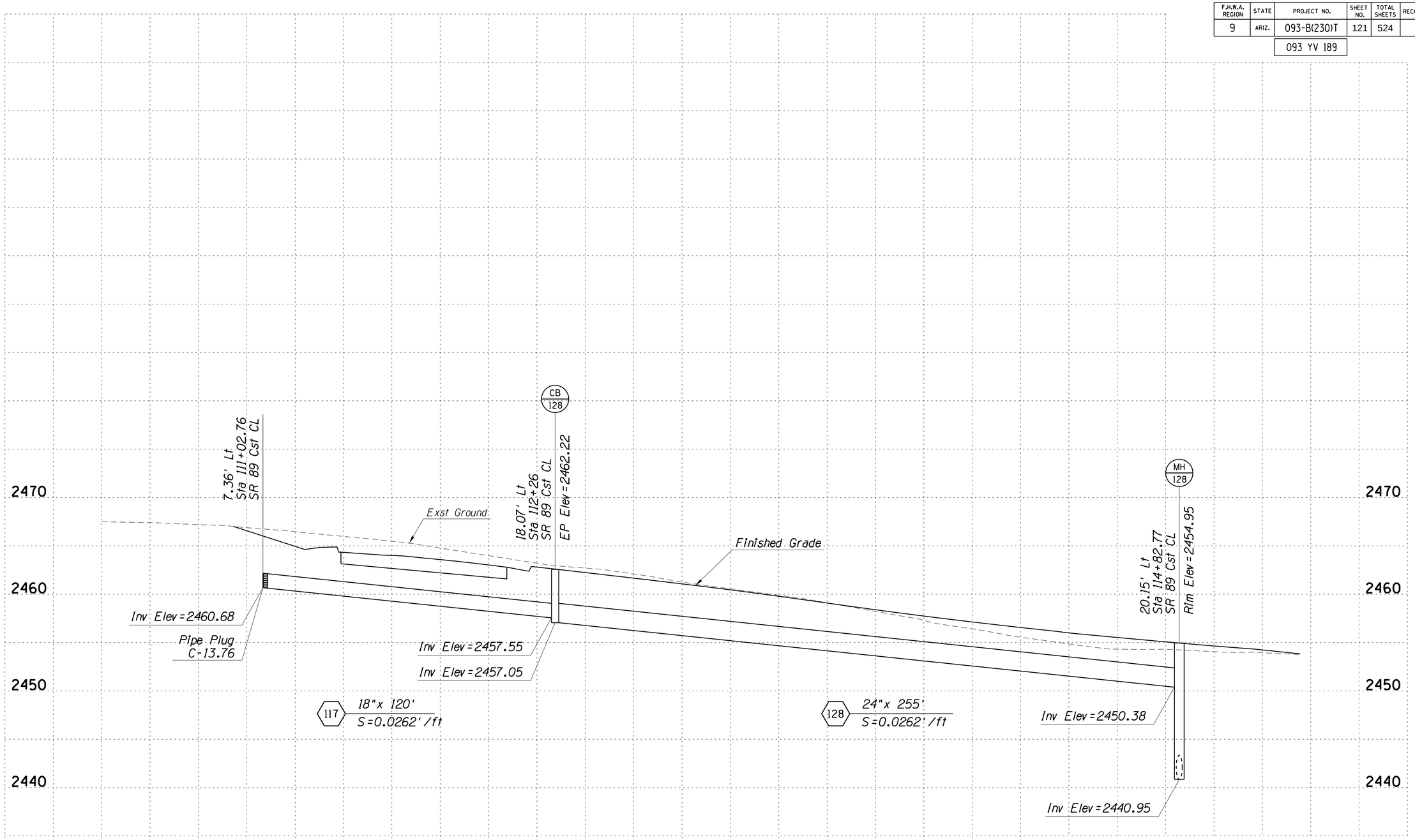
Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/2026
ARIZONA, U.S.A.

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. D-3.05

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	121	524	
		093 YV 189			



	NAME	DATE
DESIGN	JML	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

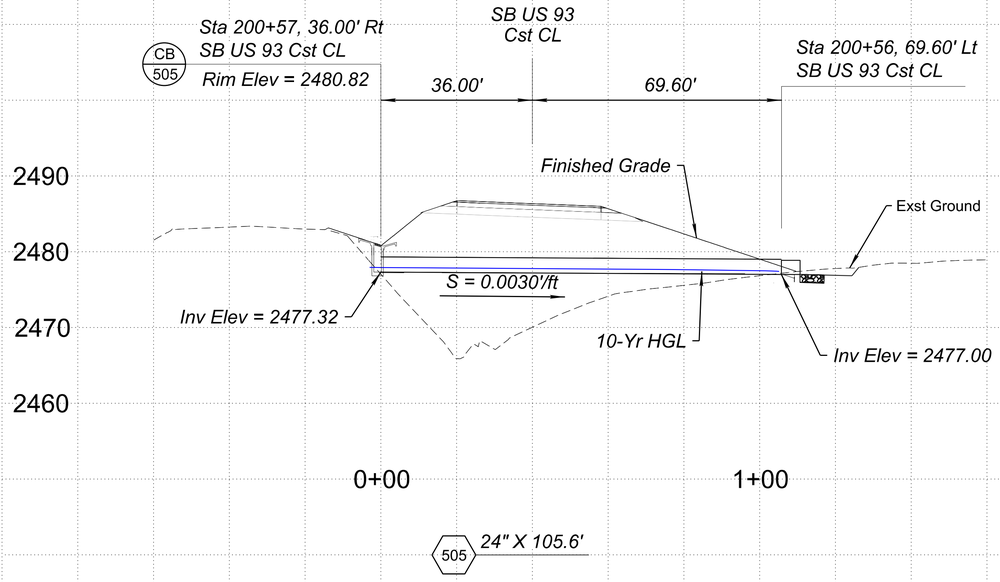
Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

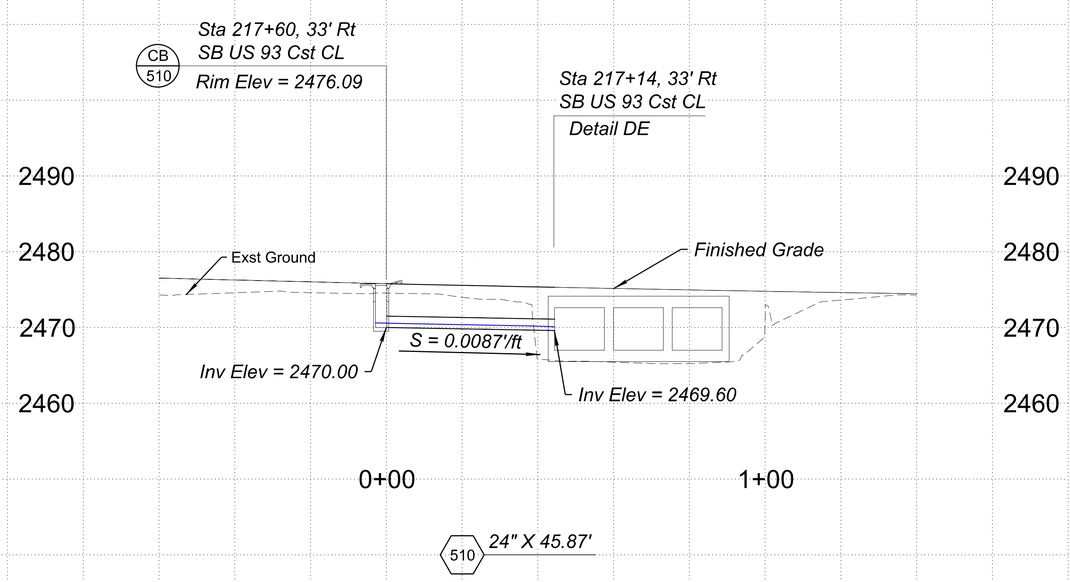
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

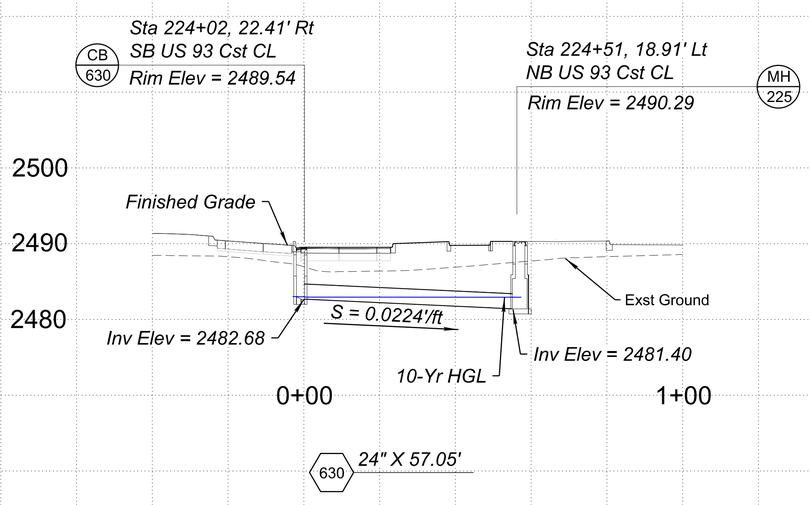
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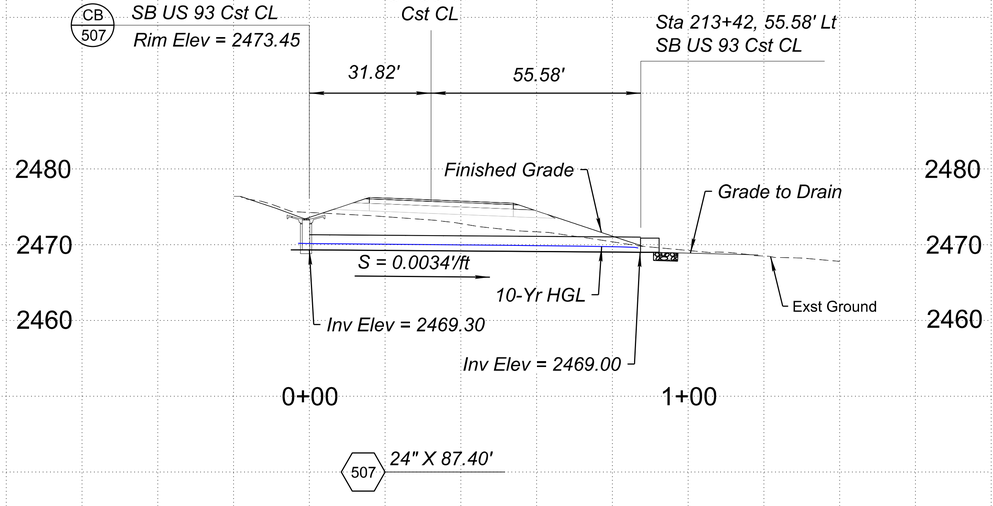
Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/26/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. D-3.06
TRACS NO. F0738 01C	093-B(230)T	___ OF ___









DETAIL D43

505 507 510 630

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PROFILE SHEET
DETAIL D43

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division

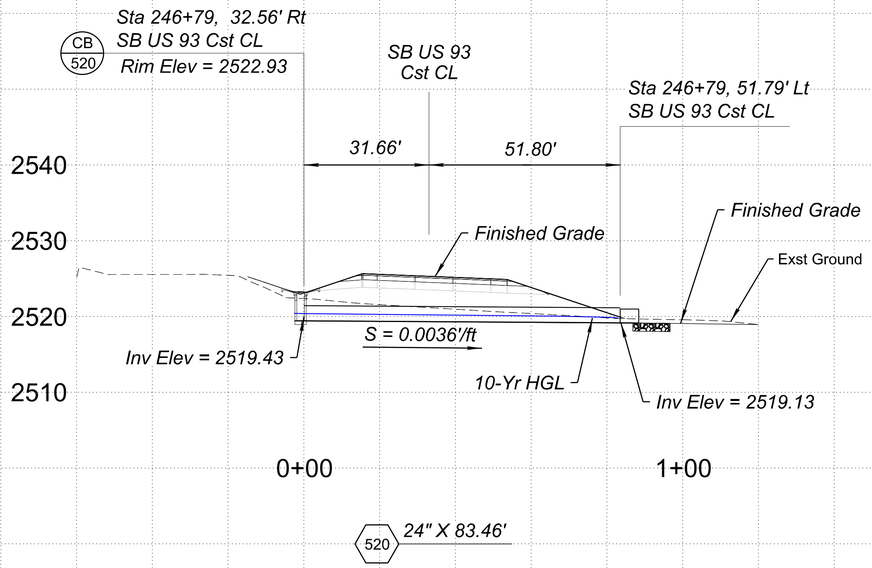
STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	122	524	

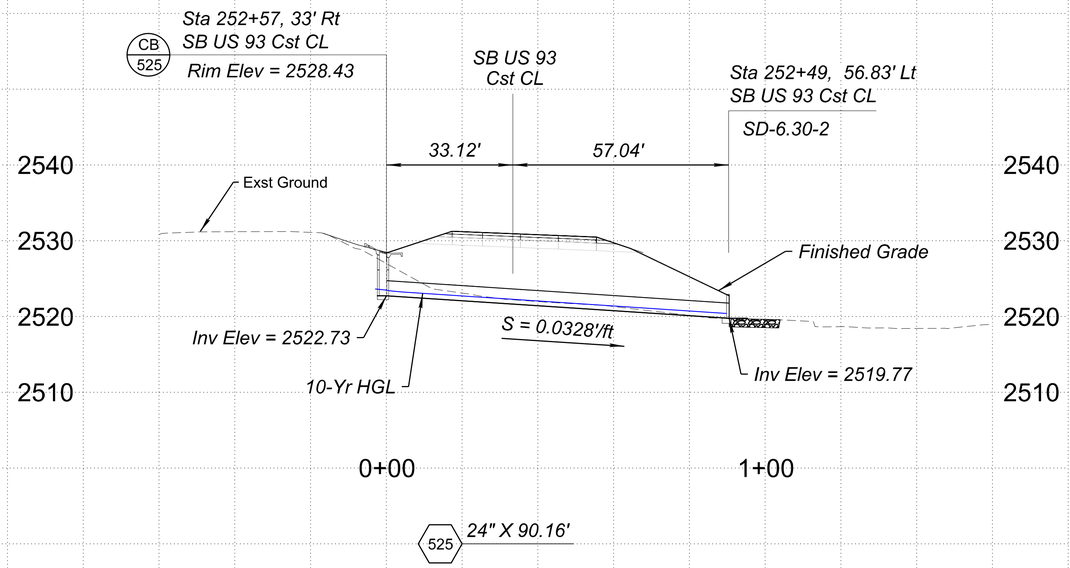
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

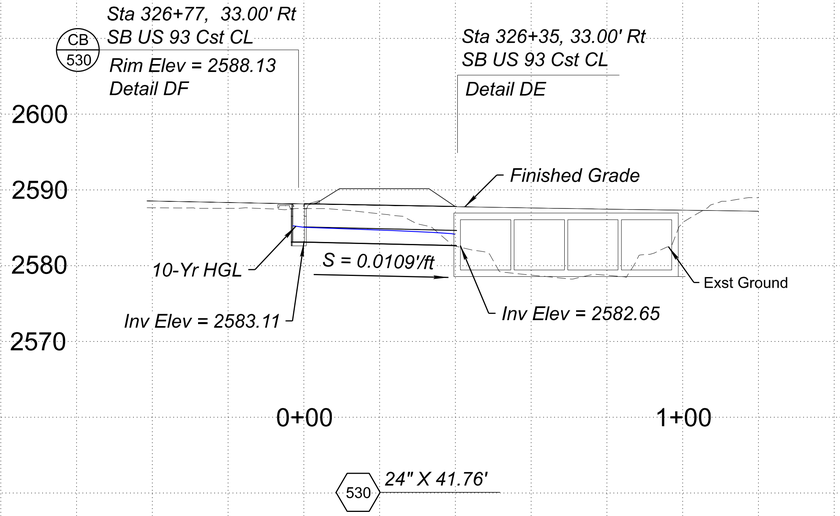
DWG No. D-3.07

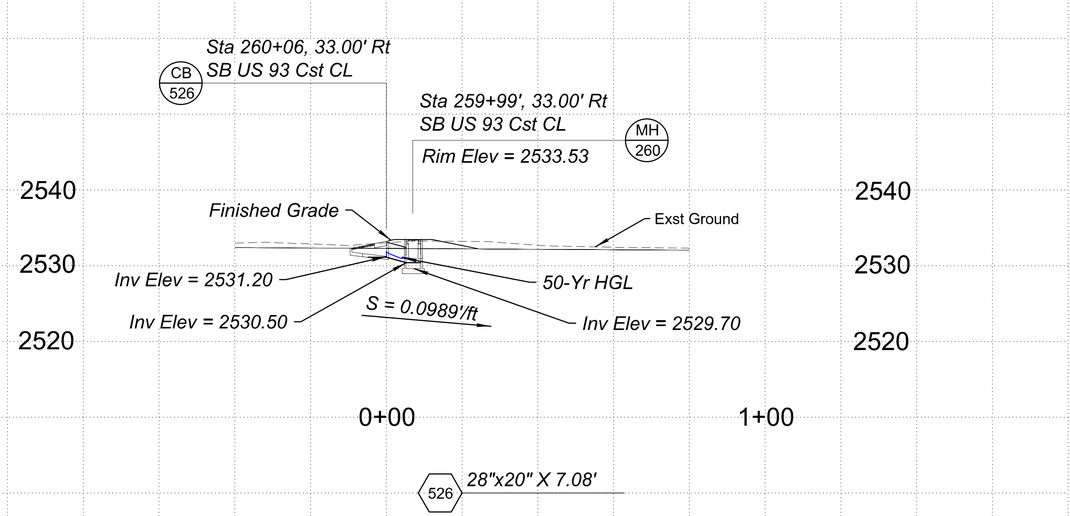
TRACS NO. F0738 01C

____ OF ____









DETAIL D44

520 525 526 530

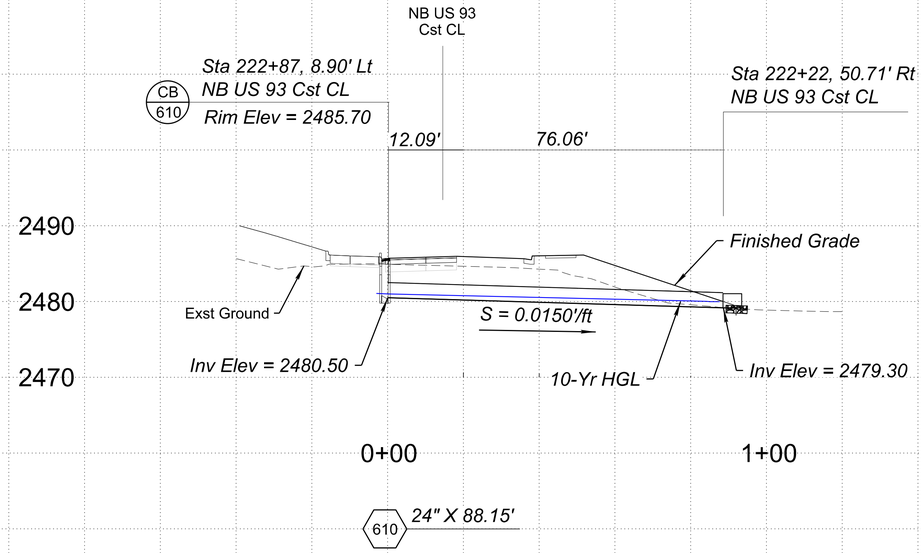
	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

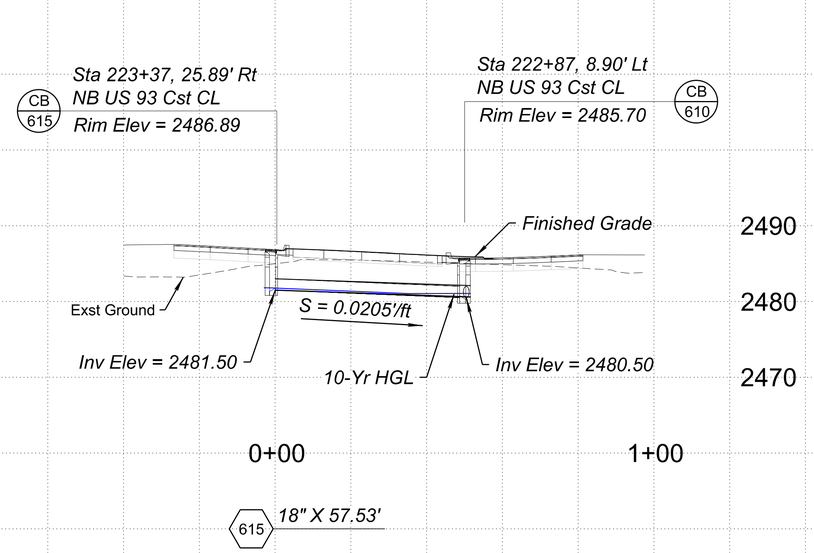
TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
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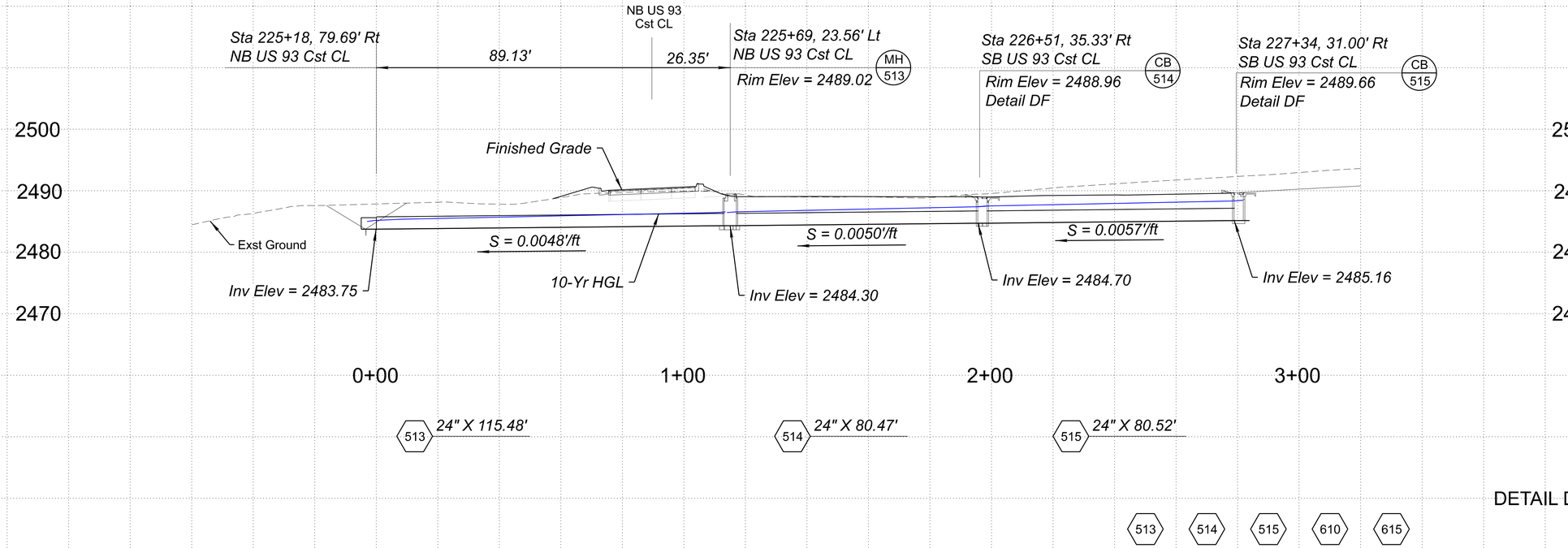
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PROFILE SHEET
DETAIL D44

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	123	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. D-3.08	
STRUCTURE NO.	TRACS NO. F0738 01C					____ OF ____	







	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

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7720 N. 16th St., Suite 100
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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PROFILE SHEET
DETAIL D45

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

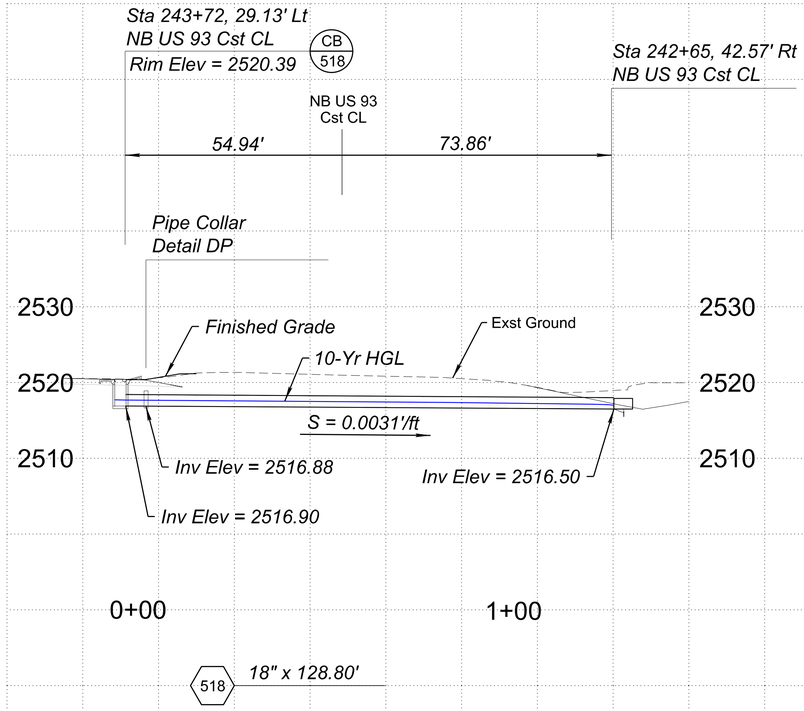
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	124	524	

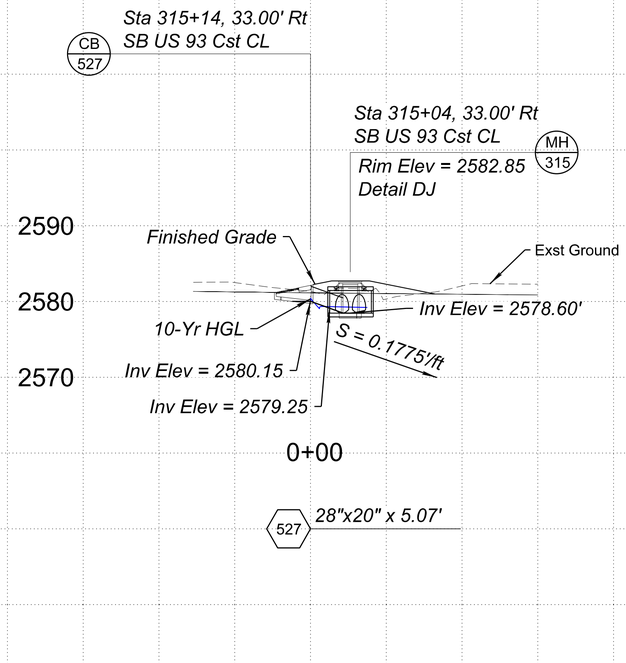
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

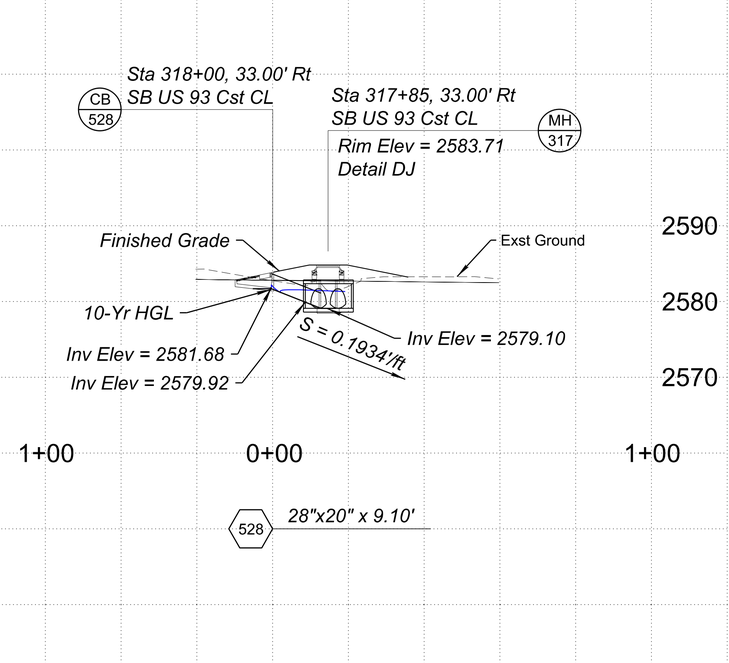
TRACS NO. F0738 01C

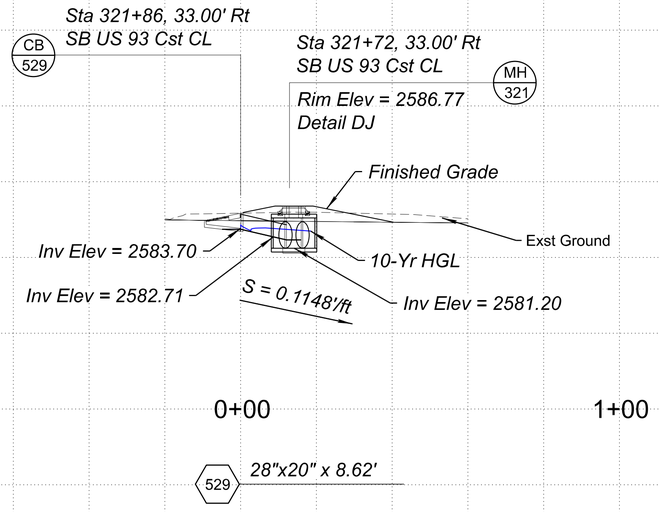
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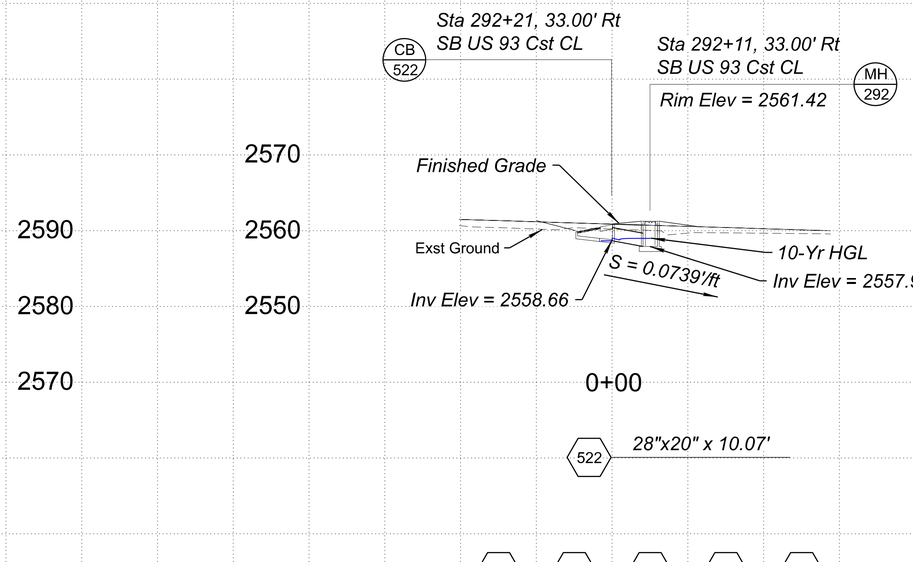
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DETAIL D46

518 522 527 528 529

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

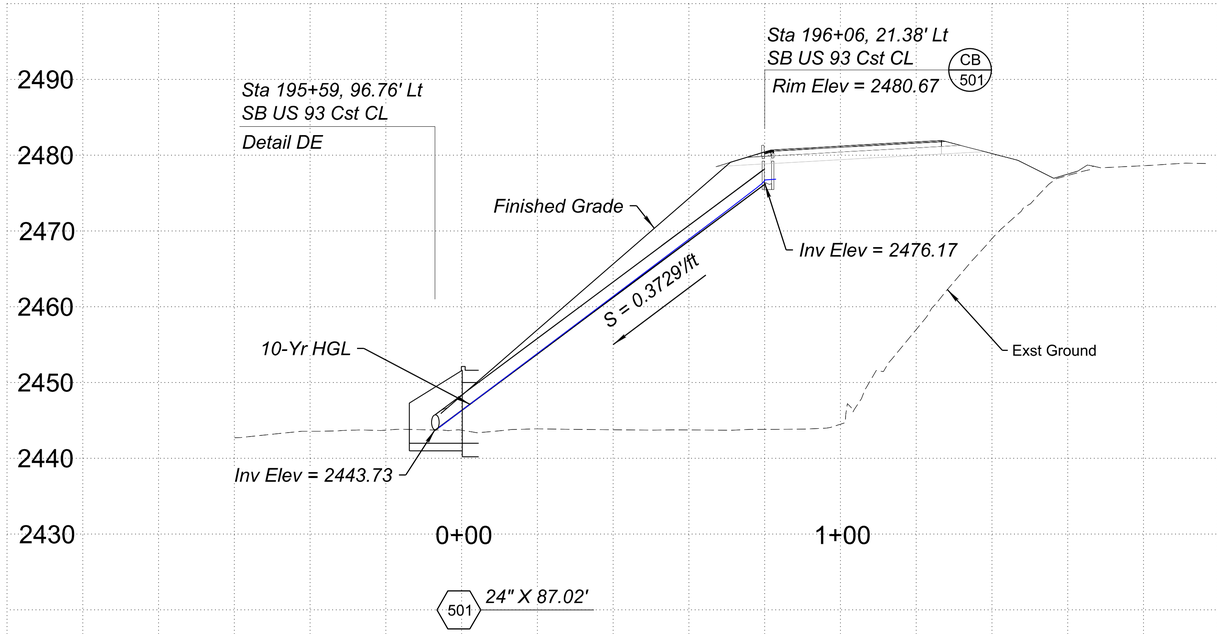
TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100

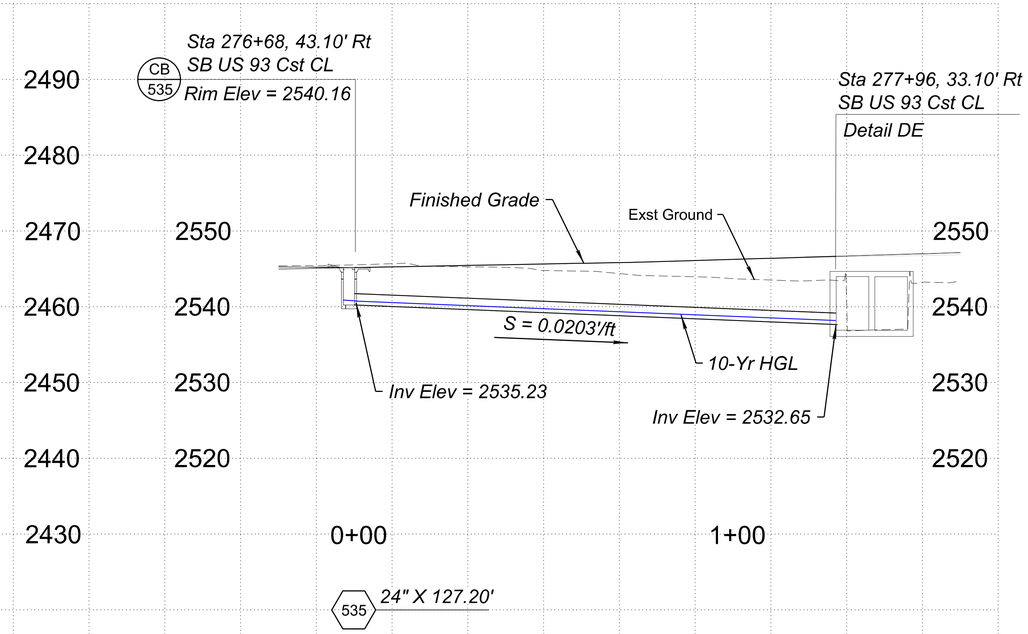
AECOM
www.aecom.com

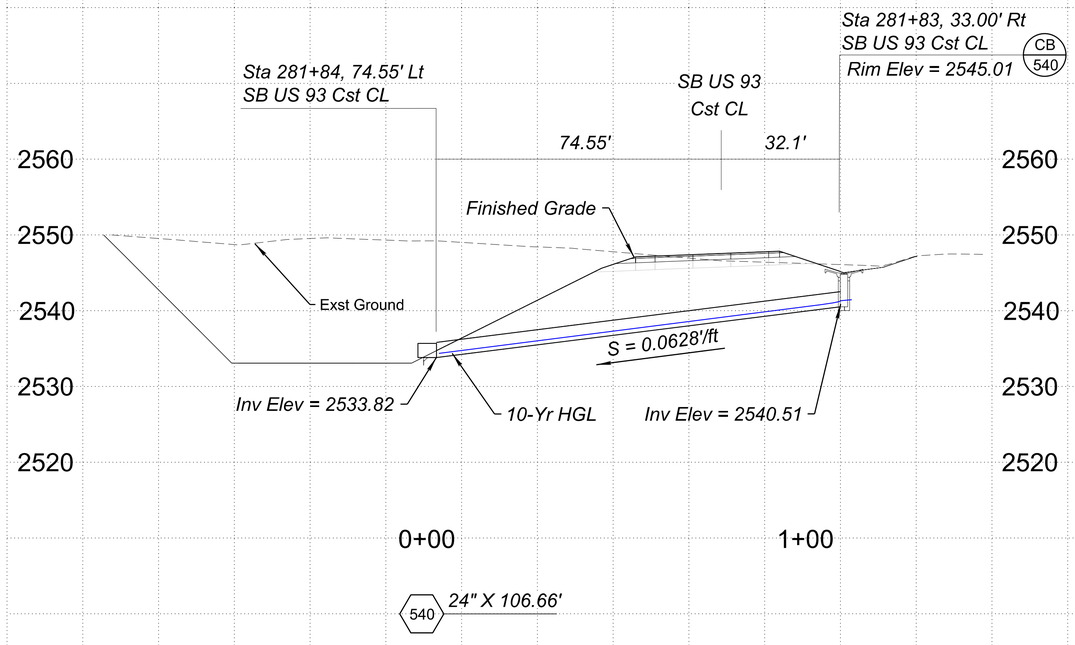
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

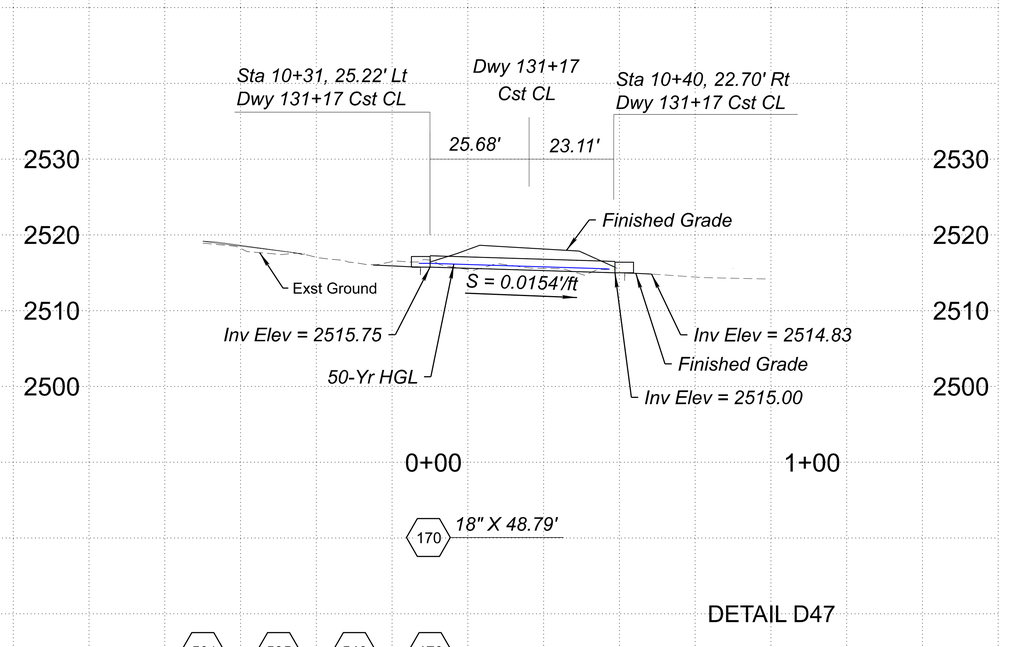
PROFILE SHEET
DETAIL D46

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	125	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. D-3.10
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____









DETAIL D47

501 535 540 170

	NAME	DATE
DESIGN	K LEANDER	06/26
DRAWN	B LEANDER	06/26
CHECKED	B DENETDALE	06/26

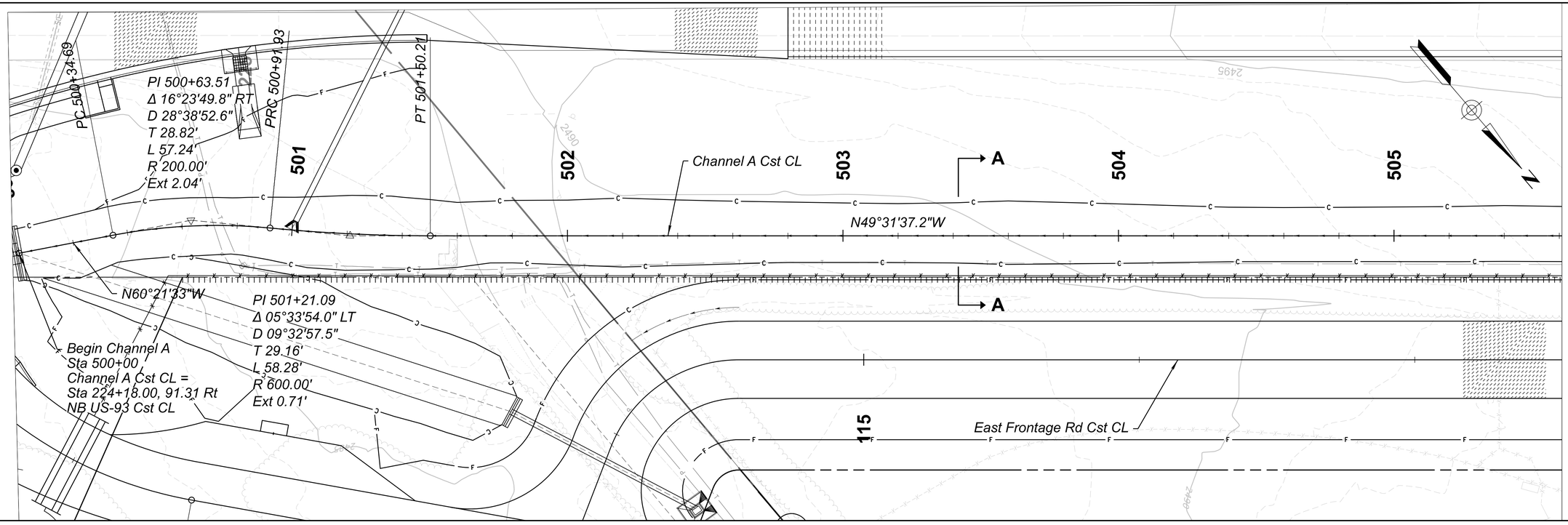
TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100

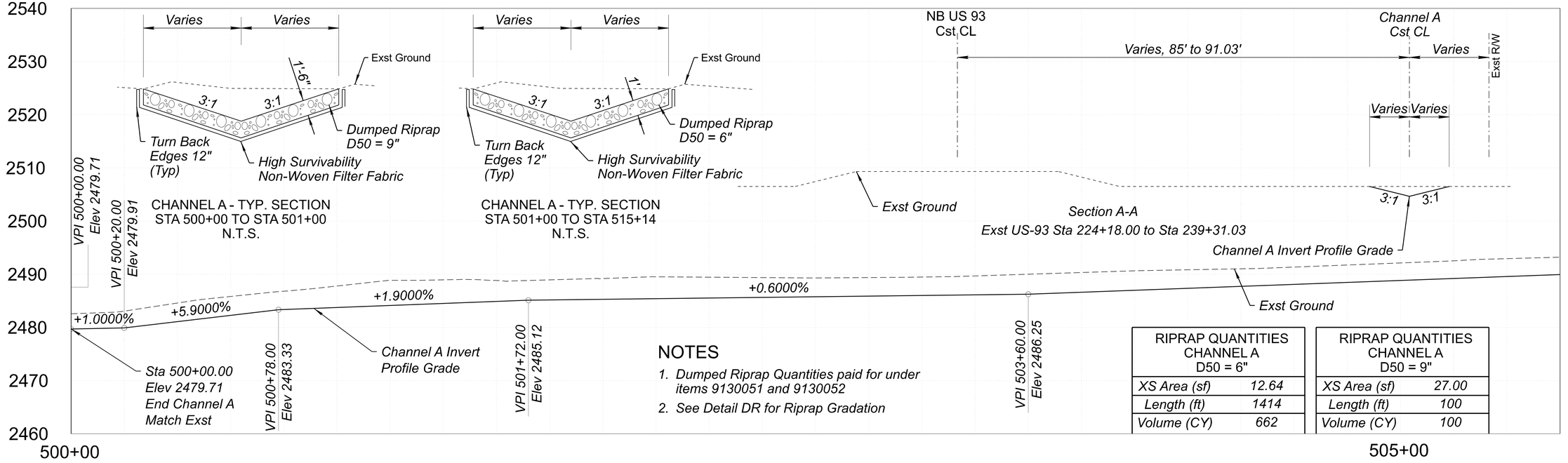
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PROFILE SHEET
DETAIL D47

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	126	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. D-3.11
	TRACS NO. F0738 01C					____ OF ____





NOTES

1. Dumped Riprap Quantities paid for under items 9130051 and 9130052
2. See Detail DR for Riprap Gradation

RIPRAP QUANTITIES CHANNEL A D50 = 6"	
XS Area (sf)	12.64
Length (ft)	1414
Volume (CY)	662

RIPRAP QUANTITIES CHANNEL A D50 = 9"	
XS Area (sf)	27.00
Length (ft)	100
Volume (CY)	100

	NAME	DATE
DESIGN	S Mutesi	06/26
DRAWN	C VALENZUELA	06/26
CHECKED	D WIGGINS	06/26

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PLAN & PROFILE SHEET
CHANNEL A

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	127	524	

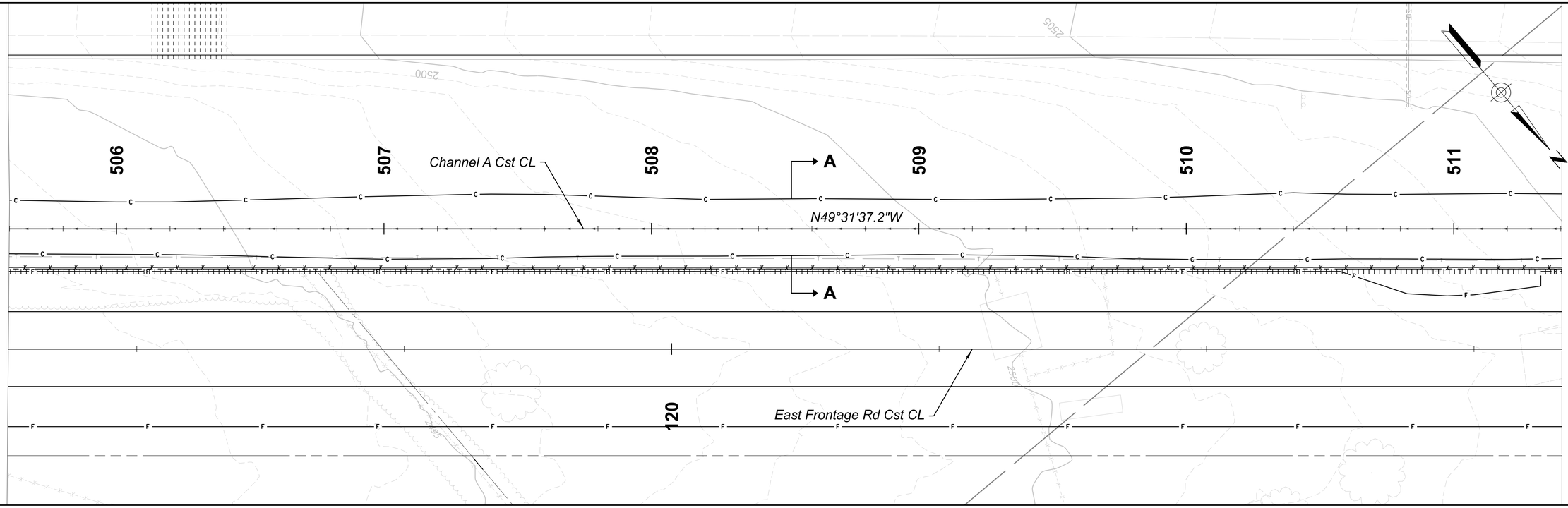
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

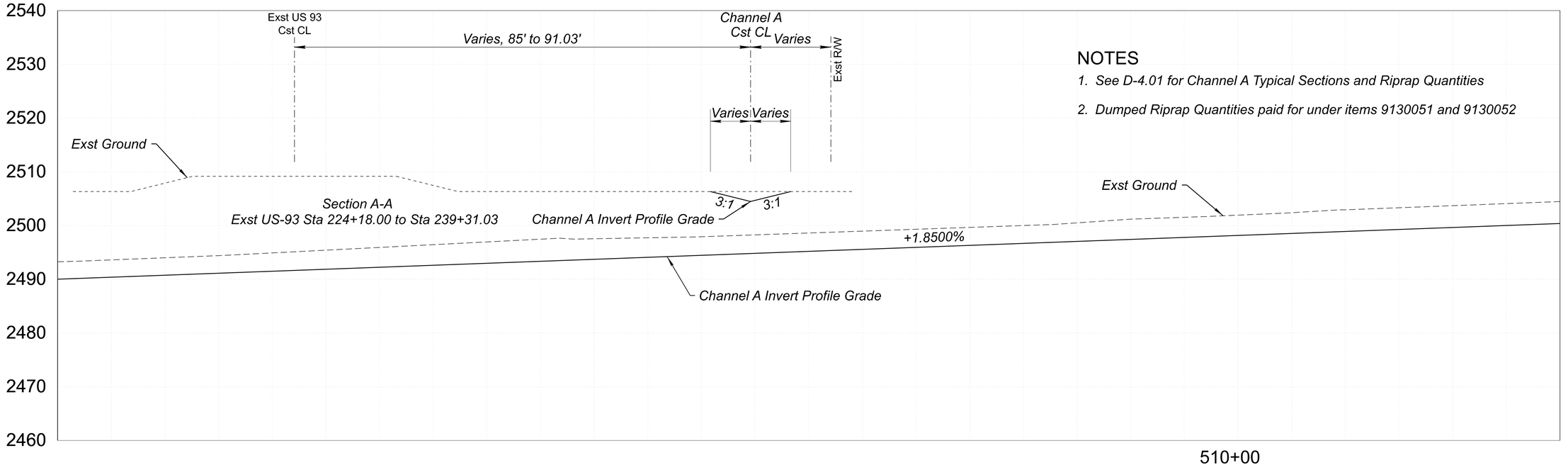
DWG No. D-4.01

TRACS NO. F0738 01C

____ OF ____

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NOTES

1. See D-4.01 for Channel A Typical Sections and Riprap Quantities
2. Dumped Riprap Quantities paid for under items 9130051 and 9130052

	NAME	DATE
DESIGN	S Mutesi	06/26
DRAWN	C VALENZUELA	06/26
CHECKED	D WIGGINS	06/26

Registered Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A. — CIVIL

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PLAN & PROFILE SHEET
CHANNEL A

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	128	524	

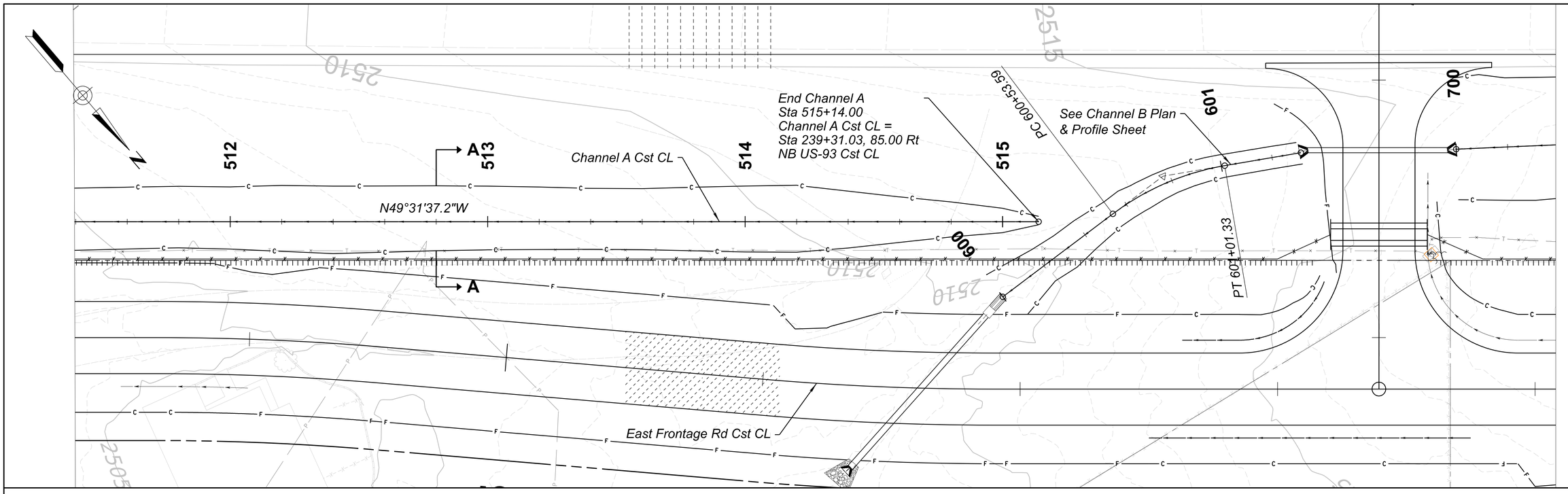
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

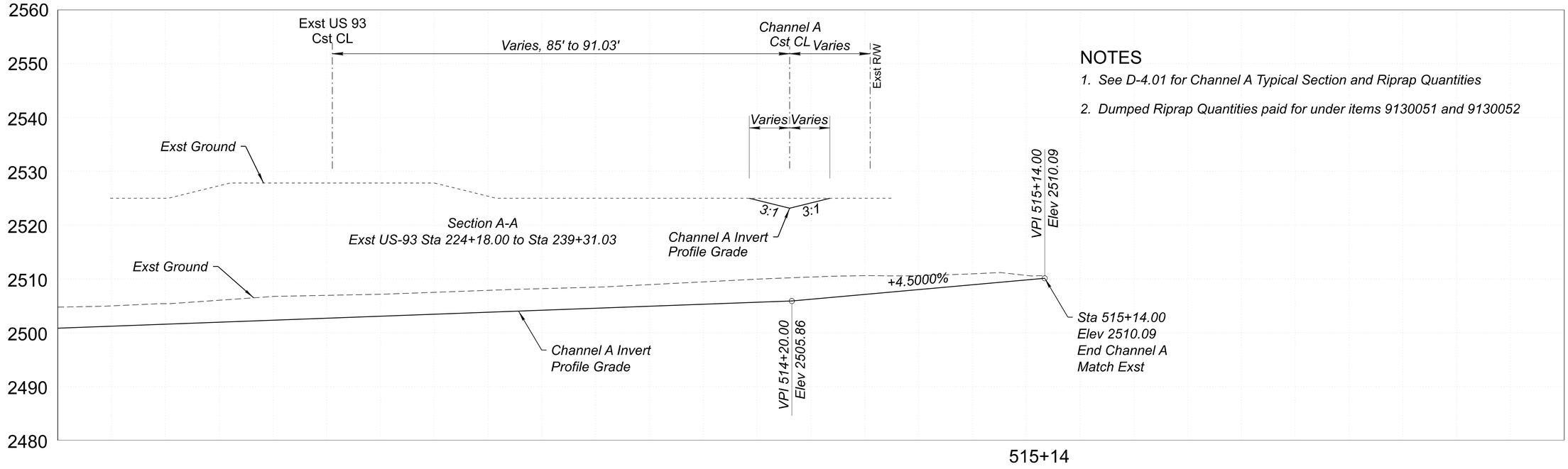
DWG No. D-4.02

TRACS NO. F0738 01C

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NOTES

1. See D-4.01 for Channel A Typical Section and Riprap Quantities
2. Dumped Riprap Quantities paid for under items 9130051 and 9130052

	NAME	DATE
DESIGN	S Mutesi	06/26
DRAWN	C VALENZUELA	06/26
CHECKED	D WIGGINS	06/26

TRANSPORTATION
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7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PLAN & PROFILE SHEET
CHANNEL A

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	129	524	

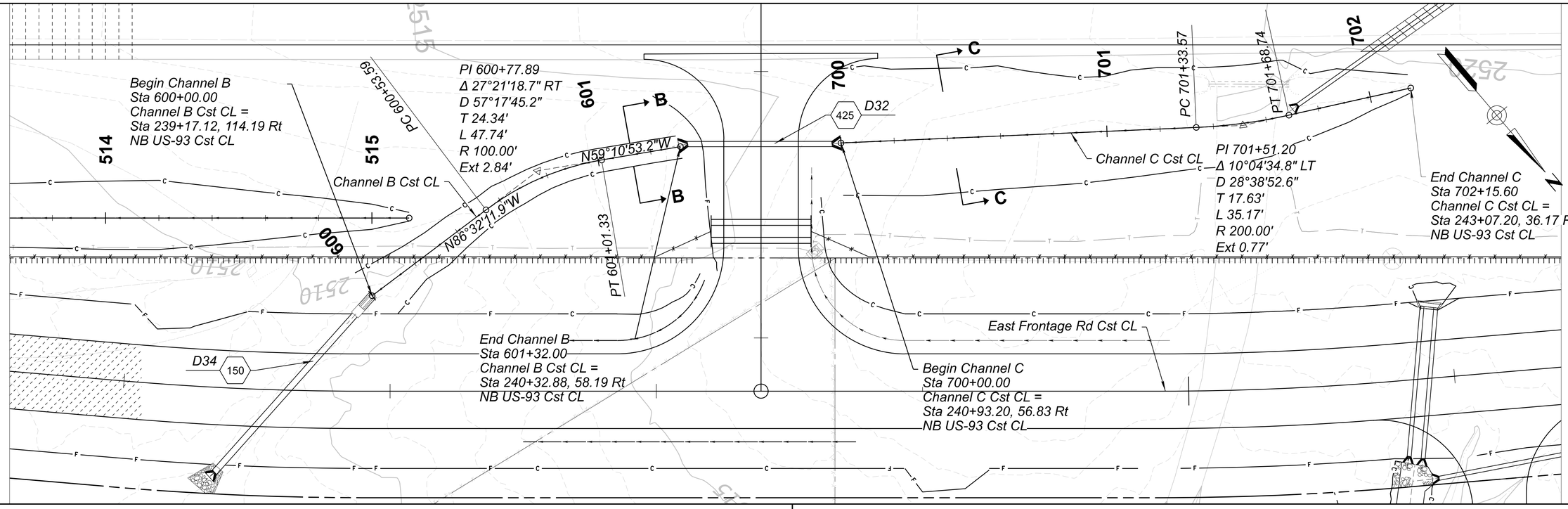
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

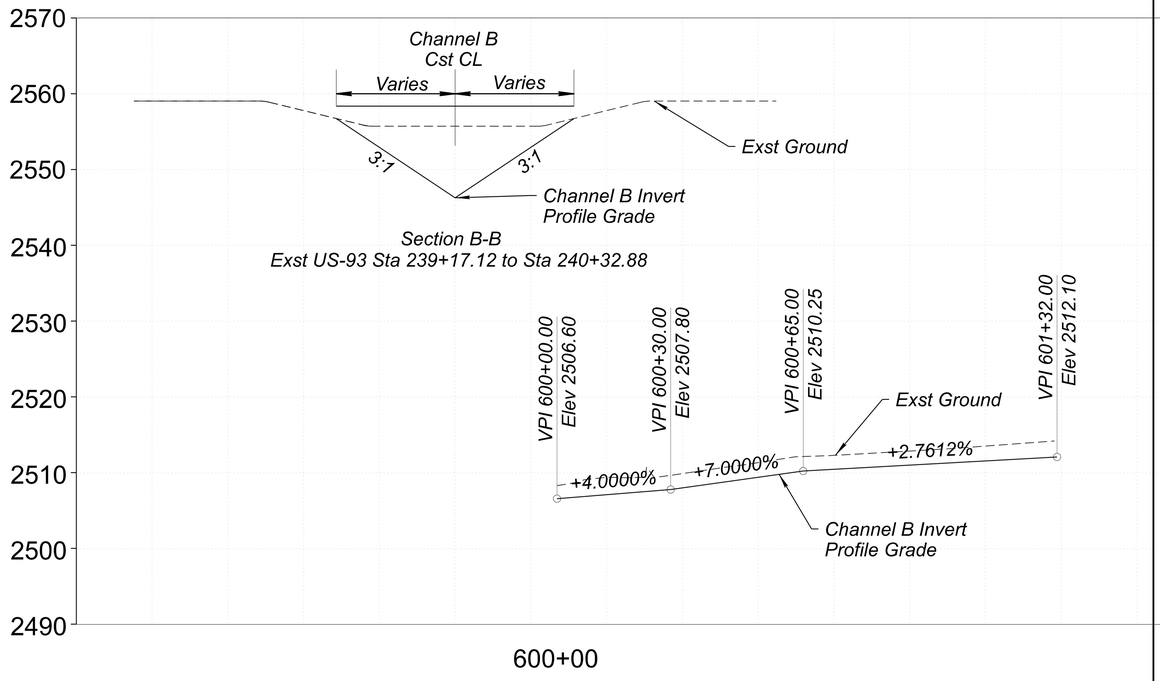
TRACS NO. F0738 01C

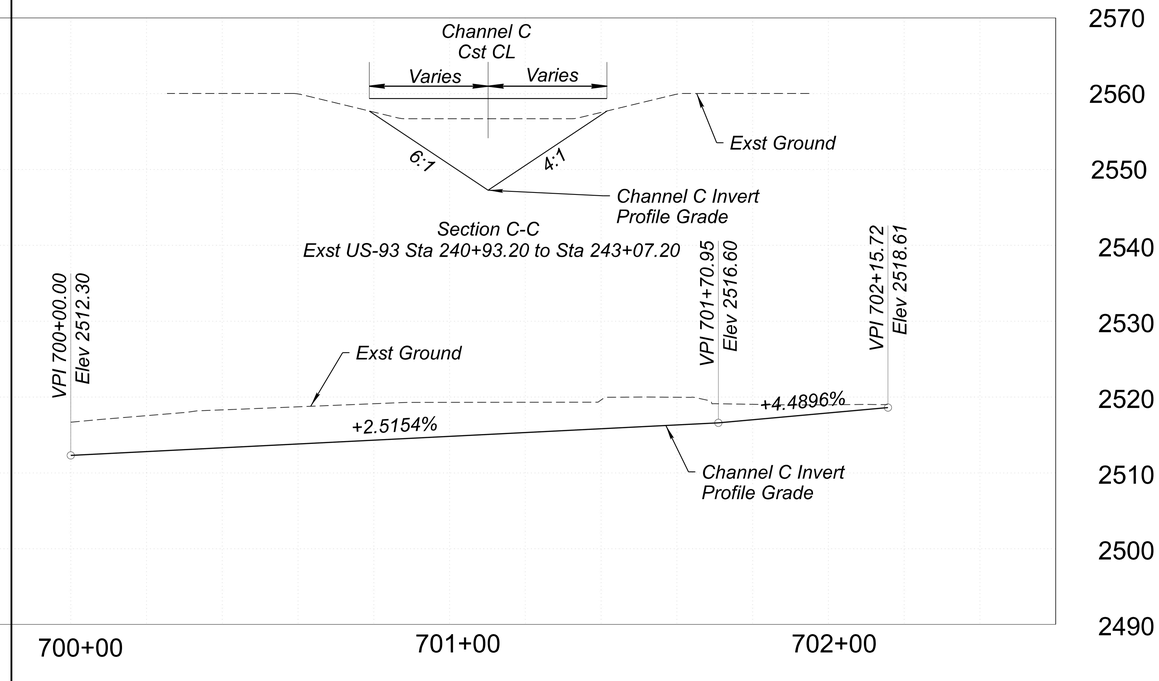
DWG No. D-4.03

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	NAME	DATE
DESIGN	S Mutesi	06/26
DRAWN	C VALENZUELA	06/26
CHECKED	D WIGGINS	06/26

Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PLAN & PROFILE SHEET
CHANNEL B & C

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	130	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. D-4.04
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

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6/26/2026 @9:20:11 AM jason.heredia

PRIMARY / ADOT ESS JOB No. LS1470 CONTROL POINTS				
POINT ID	NORTHING	EASTING	ELEVATION	DESCRIPTION
SOL *	1124287.301	403479.046	2699.253	NGS ET0973
BALONEY *	1121209.003	407058.865	2682.096	5/8" REBAR
93 190 05	1113358.719	415681.853	2613.258	NGS ET0971
MP 190.56 **	1111597.494	417758.890	2579.734	5/8" REBAR
5543	1110073.909	420141.201	2566.016	3" AHD BC 19_
S 25	1111089.523	427020.709	2532.788	NGS ET0377
MP 192 **	1106774.505	423594.847	2519.547	5/8" REBAR
1126	1103853.386	427041.859	2455.535	3" AHD BC, POT 199+18.68
93 193 35	1102199.739	429504.806	2492.609	NGS ET0970
WHY **	1101889.490	429848.157	2455.759	5/8" REBAR

GENERAL NOTES

THE FOLLOWING PARAMETERS WERE SET FOR THE BASIS OF THIS SURVEY:

SYSTEM: UNITED STATES STATE PLANE 1983 (2011)
ZONE: ARIZONA CENTRAL ZONE 0202
DATUMS:
- HORIZONTAL: NORTH AMERICAN DATUM 1983 NAD83/2011
  (G.A.F.= 1.000125268)
- VERTICAL: NORTH AMERICAN VERTICAL DATUM 1988
  NAVD88

GEOID MODEL: GEOID12A
UNITS = INTERNATIONAL FEET (1 FOOT = 0.3048 METERS EXACTLY)

* FROM F0031 (P&M 2902)
** FROM OPUS - VERIFIED WITH RTK GPS

GENERAL NOTES (Continued)

BASIS OF ELEVATIONS:
ADOT ENGINEERING SURVEY SERVICES (ESS) PROVIDED THE PRIMARY CONTROL ELEVATIONS PER ADOT JOB No. LS1470 TO BE USED AS A CONTROL FOR THIS PROJECT. THE FOLLOWING ADOT PROVIDED MONUMENTS WERE USED FOR BASIS OF ELEVATIONS FOR THIS PROJECT: BALONEY.

Registered Professional Engineer — Certificate No. 26609 — DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
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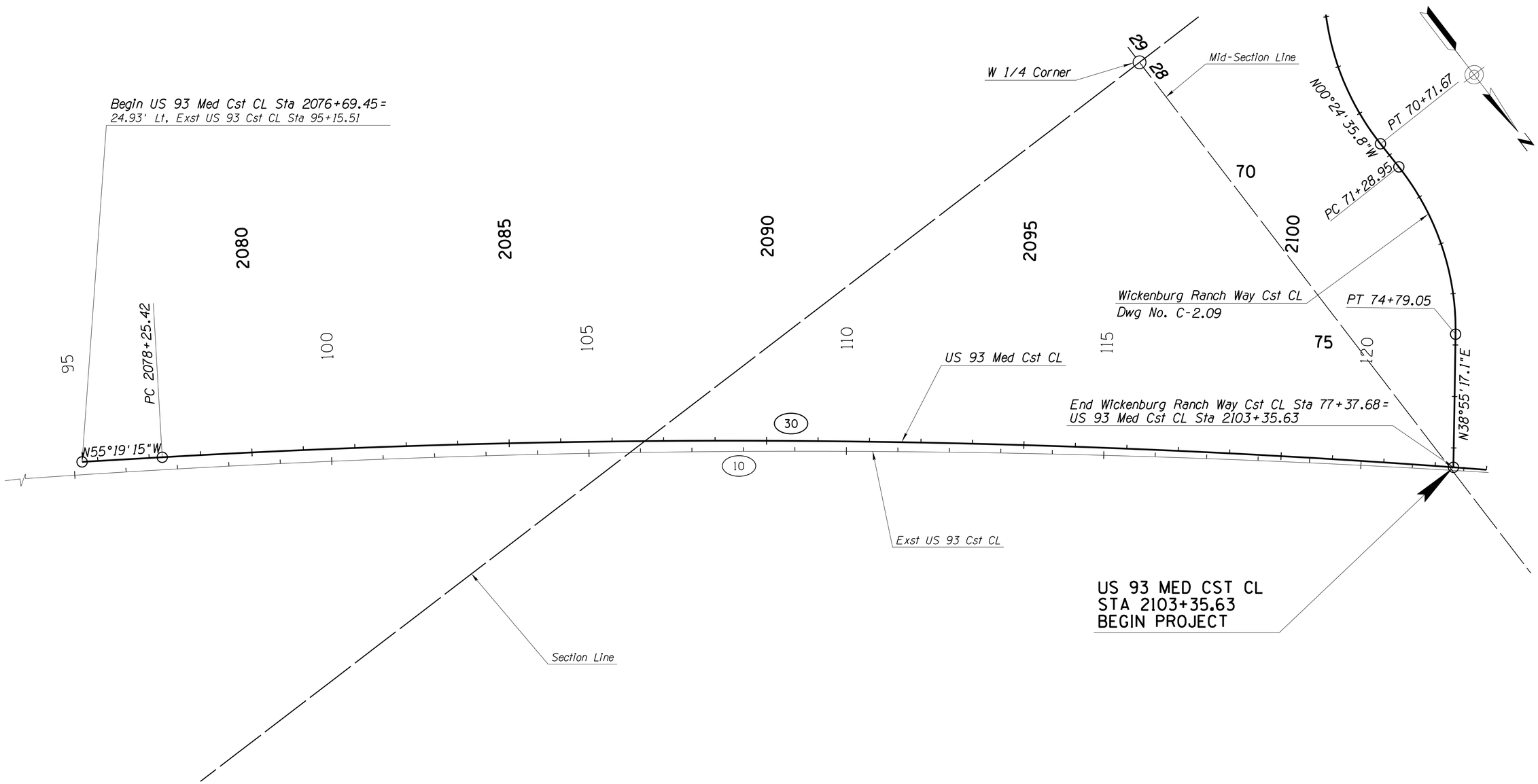
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

SURVEY CONTROL SHEET

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	131	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. C-1.01
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF____

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6/23/2026 JWILSIS 6/18/2026 2:09:39 PM J:\pwworking\usaz\dms08894\f0738_cs01.dgn \ Model Name: f0738_ds01
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	132	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

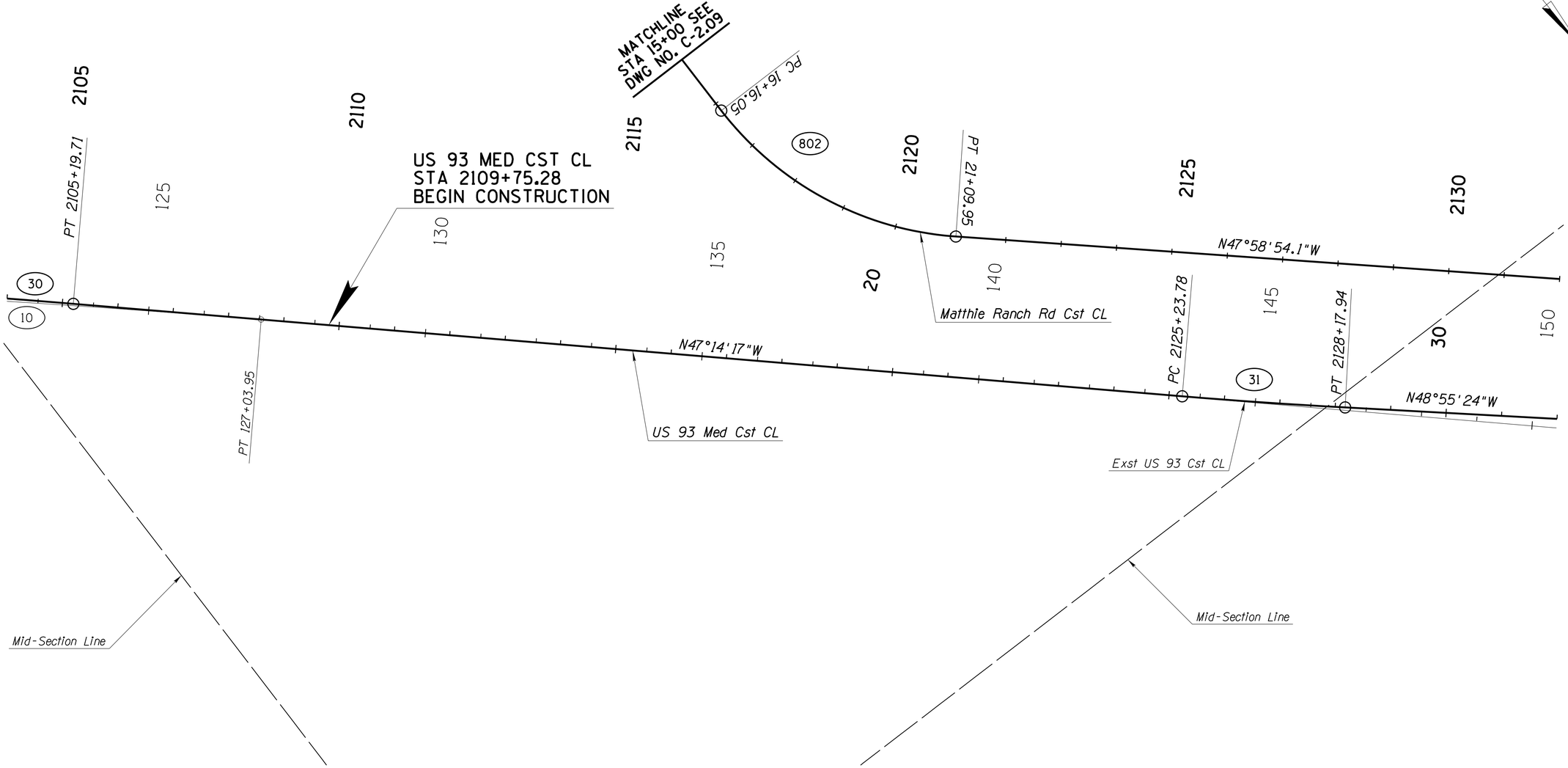
US 93
GEOMETRIC LAYOUT PLAN
STA 2026+69.45 TO STA 2104+00

Registered Professional Engineer (Civil)
Not Valid Without Signature
50727
DIANA B. KELLY
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-2.01
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	133	524	

093 YV 189



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

US 93
GEOMETRIC LAYOUT PLAN
STA 2104+00 TO STA 2132+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/26/2026
ARIZONA, U.S.A.

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. C-2.02

TRACS NO. F0738 01C | 093-B(230)T | ___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	134	524	
		093 YV 189			

PT 42+67.10

PC 37+54.06

Matthie Ranch Rd Cst CL

S72°08'03.1"W

POE 44+23.53

803

Begin SB US 93 Cst CL Sta 174+57.92=
98.96' Lt, US 93 Med Cst CL Sta 2156+13.43

US 93 Med Cst CL

PC 161+54.34

Begin NB US 93 Cst CL Sta 173+34.42=
6.28' Lt, US 93 Med Cst CL Sta 2154+90.20

SB US 93 Cst CL

PT 178+46.13

PC 178+92.92

N48°55'24"W

N45°09'50"W

N44°54'45"W

900

11

600

Exst US 93 Cst CL

PC 175+95.56

NB US 93 Cst CL

End Exst SR 89 Cst CL Sta 503+92.04=
48.00' Lt, US 93 Med Cst CL Sta 3139+84.89

N28°26'07"W

901

End US 93 Med Cst CL Sta 2160+00.00=
73.56' Lt, SB US 93 Cst CL Sta 178+45.32=
22.66' Rt, NB US 93 Cst CL Sta 178+45.12

Begin Future SR 89 Cst CL Sta 100+00.00=
36.00' Rt, US 93 Med Cst CL Sta 2139+84.89

PT 104+77.88

PC 107+66.91

N37°22'24"W

902

PT 109+99.04

PC 111+99.04

PT 488+57.21

PCC 114+32.84

20

SR 89 Cst CL

903

Future SR 89 Cst CL

Exst SR 89 Cst CL

Section Line

Section Line

2135 2140 2145 2150 2155 2160

35 40 105 110 115 120

155 160 165 170 175 180

100 500 495 490 485 480

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

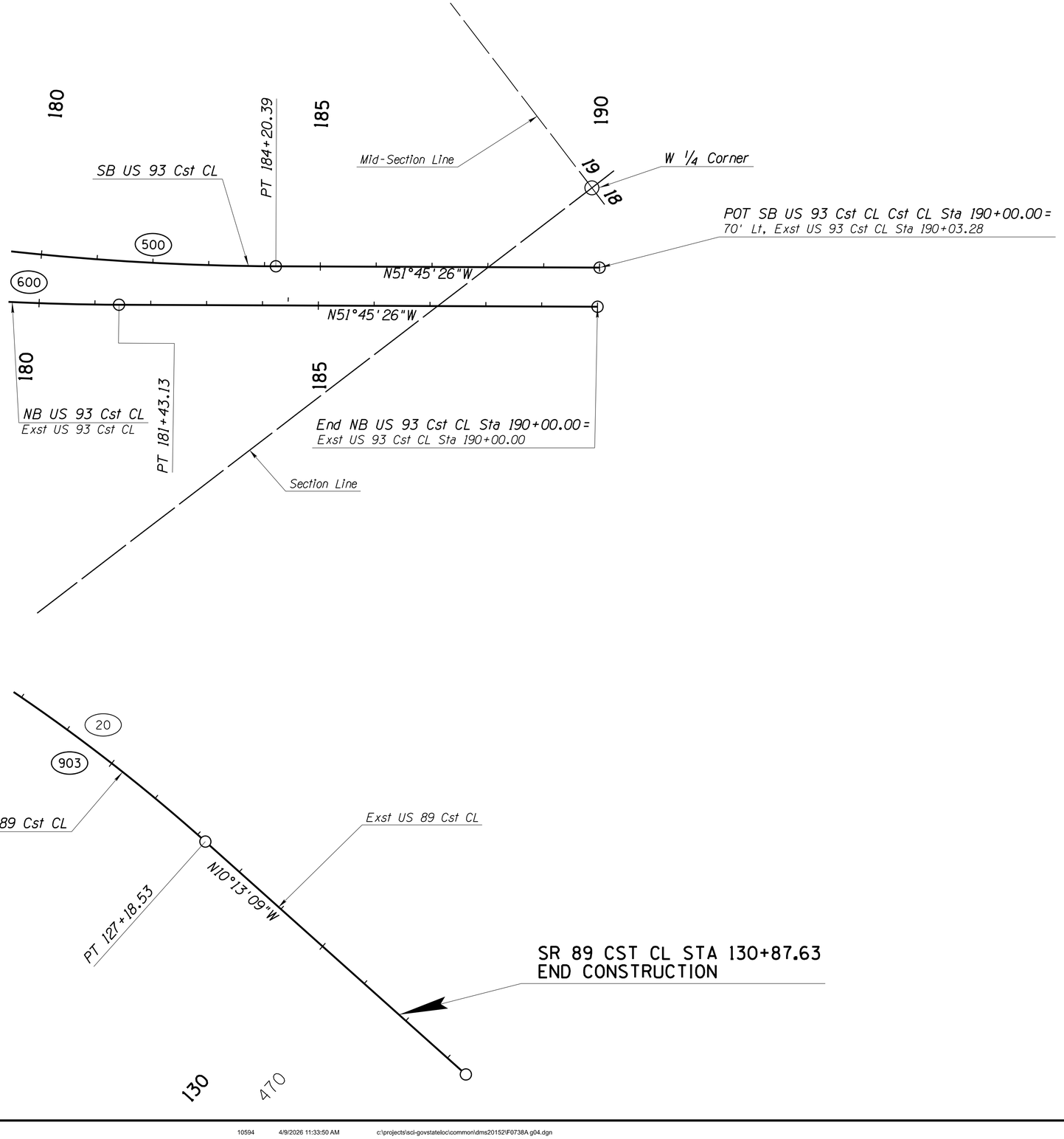
US 93
GEOMETRIC LAYOUT PLAN
STA 2132+00 TO STA 180+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 04/09/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-2.03
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	135	524	

093 YV 189



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
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Phone: (602) 333-2200

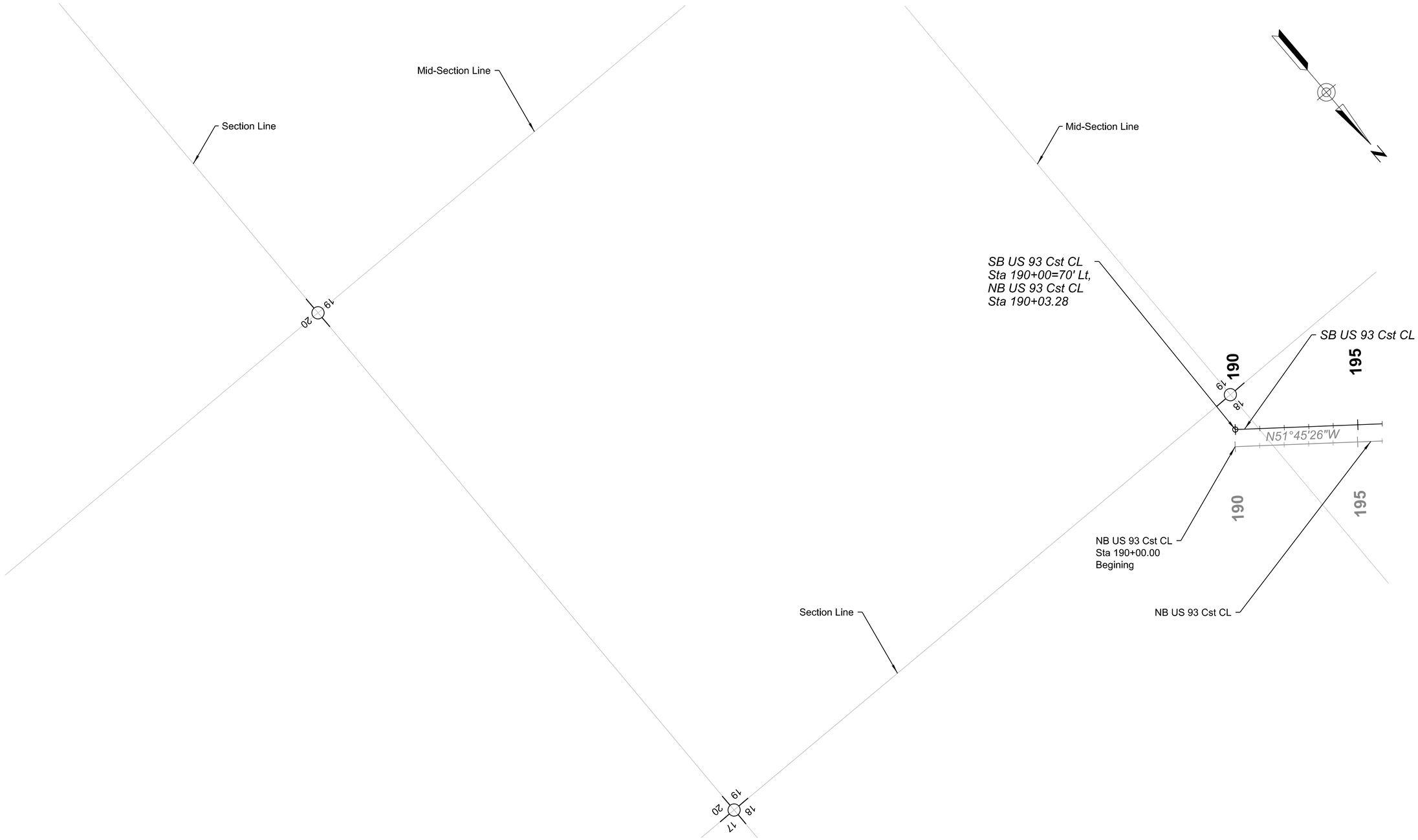
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

US 93
GEOMETRIC LAYOUT PLAN
STA 180+00 TO STA 190+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 04/09/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-2.04
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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

GEOMETRIC LAYOUT SHEET

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	136	524	

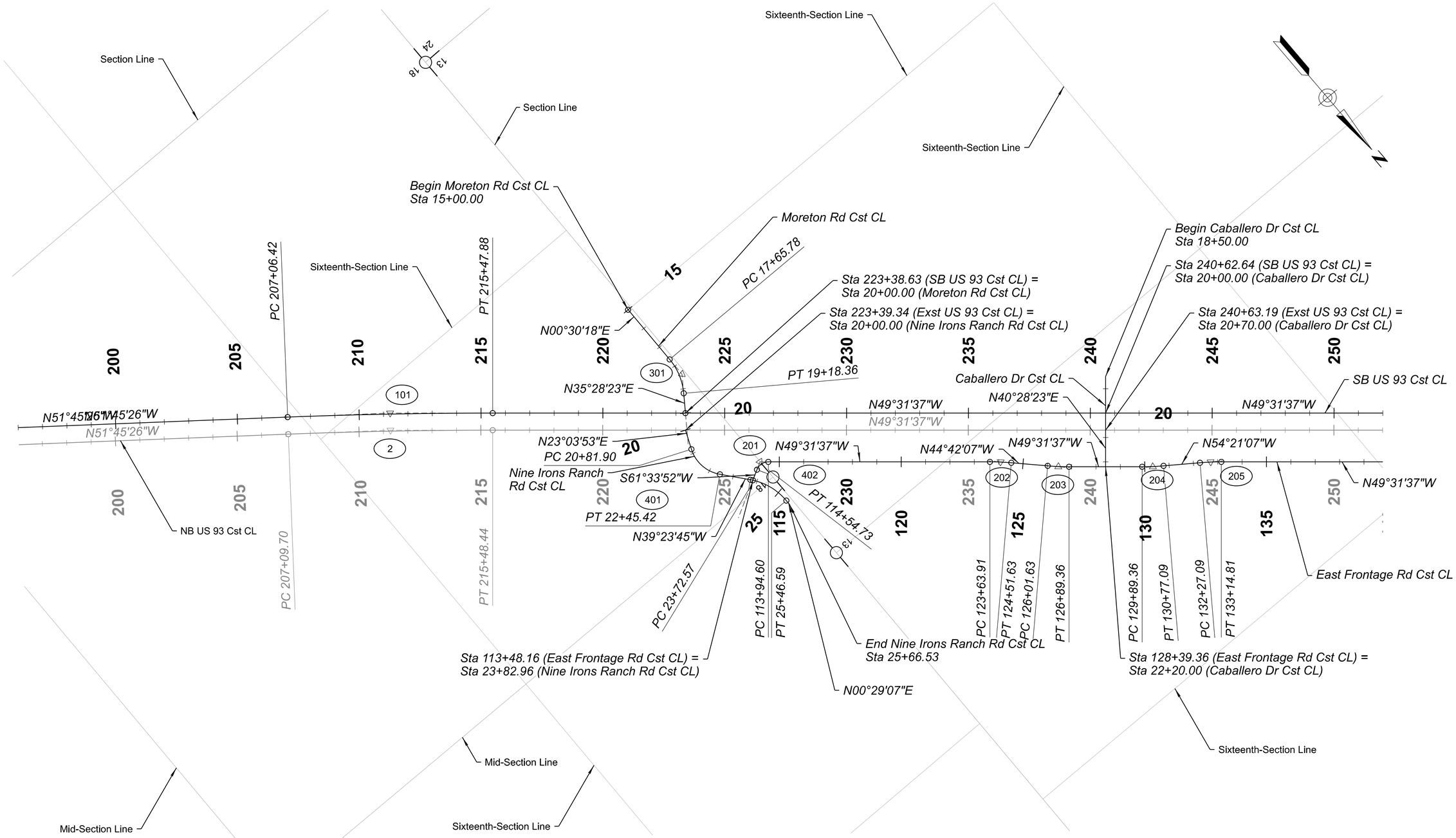
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-2.05

TRACS NO. F0738 01C

____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Registered Professional Engineer — 26609 — DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

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

GEOMETRIC LAYOUT SHEET

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	137	524	

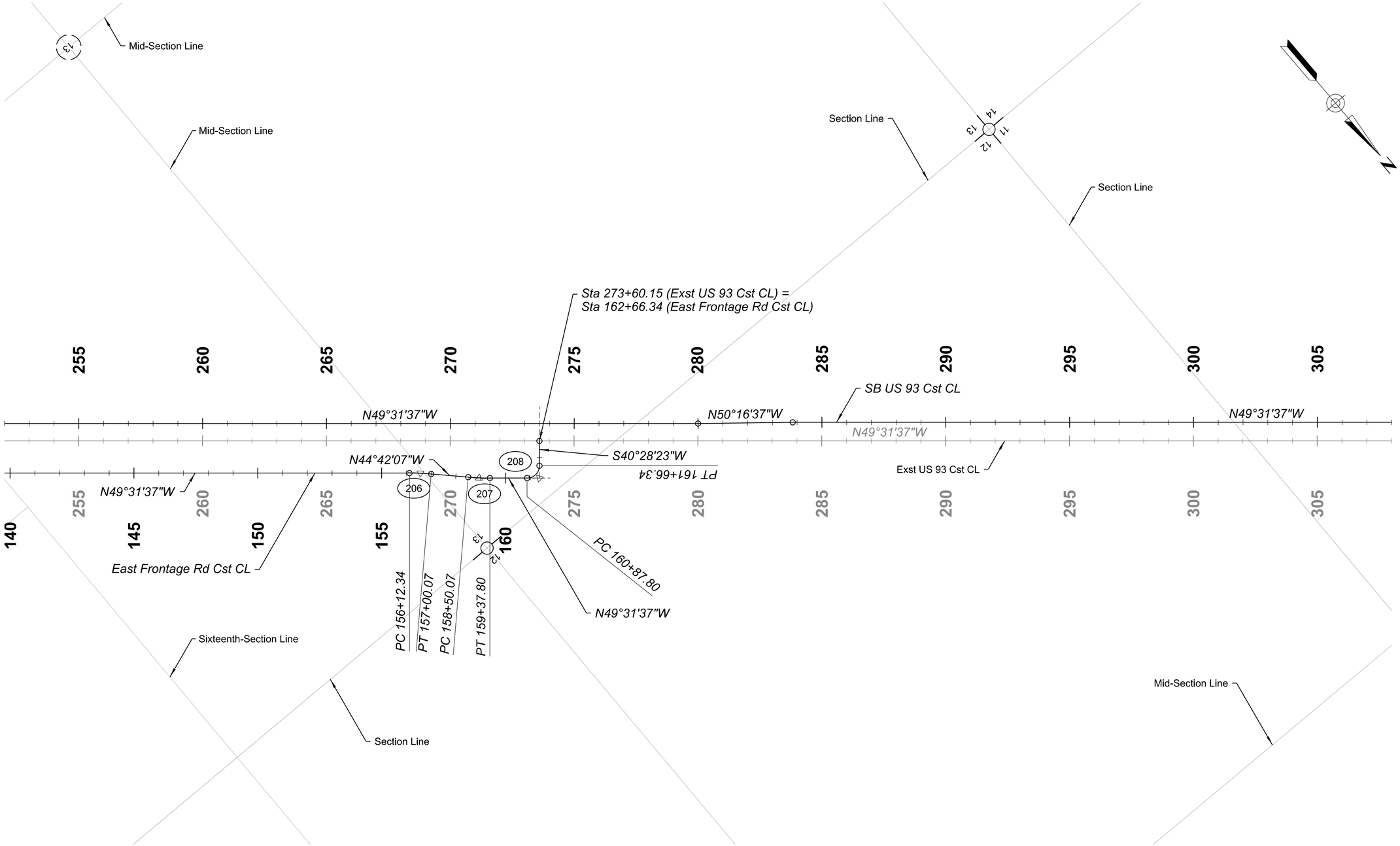
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-2.06

TRACS NO. F0738 01C

____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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

GEOMETRIC LAYOUT SHEET

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	138	524	

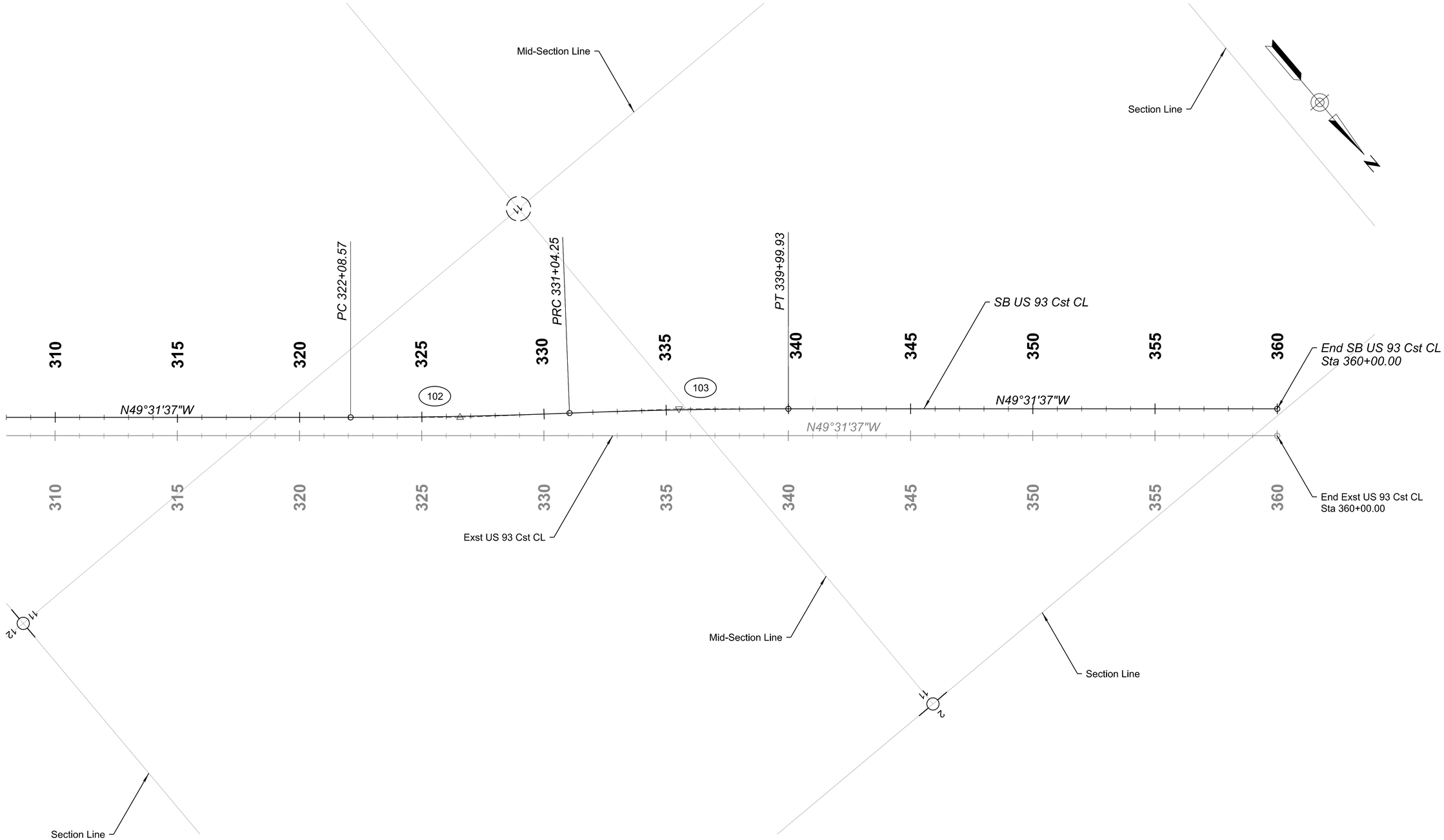
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-2.07

TRACS NO. F0738 01C

____ OF____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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

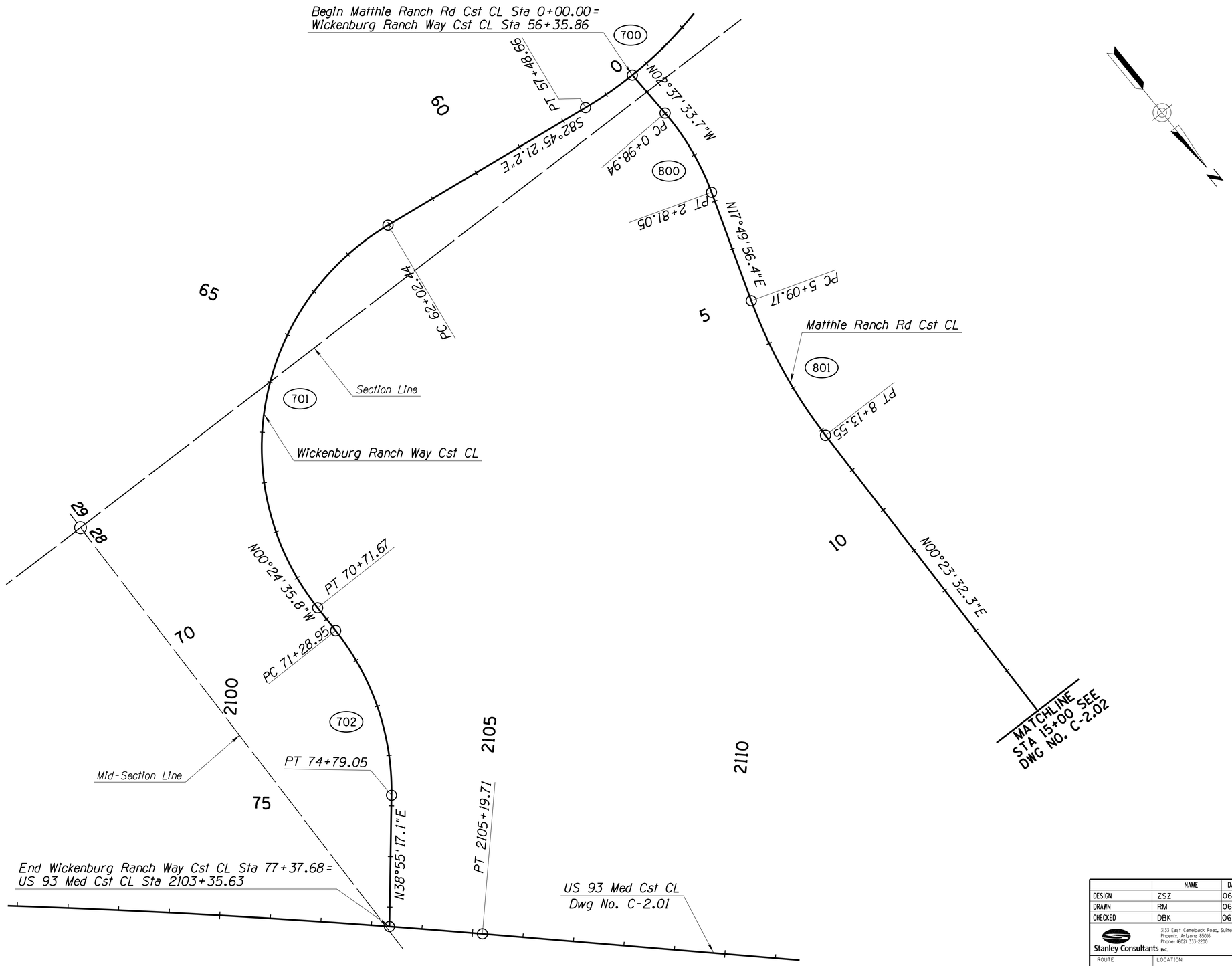
GEOMETRIC LAYOUT SHEET

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	139	524	
MILEPOST 189.9	LOCATION	WICKENBURG RANCH WAY TO VISTA ROYALE				DWG No. C-2.08
STRUCTURE NO.	TRACS NO.	F0738 01C				____ OF____

F.H.W.A. Arizona Division

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	140	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

US 93
GEOMETRIC LAYOUT PLAN
STA 2104+00 TO STA 2132+00

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

093-B(230)T

DWG NO. C-2.09

____ OF ____

Registered Professional Engineer
46727
DIANA B. KELLY
State Registered
ARIZONA, U.S.A.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	141	524	
		093 YV 189			

PLAN REF NO	LOCATION	P.I./P.O.T. STATION	COORDINATES (N)	COORDINATES (E)	SIMPLE	DELTA	D	R	T	L	Ext	e	SUPERELEVATION
	PI/ Existing US 93 Cst CL	27+88.00	1093818.29	440851.01									
	PC/ Existing US 93 Cst CL	80+59.76	1096484.27	436303.88									
10	PI/ Existing US 93 Cst CL	103+82.07	1097663.43	434292.67		12°23'08"	00°16'00"	21485.97	2331.39	4644.61	126.12		
	PT/ Existing US 93 Cst CL	127+03.55	1099246.53	432581.18									
	PC/ Existing US 93 Cst CL	161+54.34	1101589.61	430047.98									
11	PI/ Existing US 93 Cst CL	170+00.68	1102164.30	429426.68		04°31'32"	00°16'03"	21419.23	846.34	1691.79	16.71		
	PT/ Existing US 93 Cst CL	178+46.13	1102688.18	428761.97									
	POT/ Existing US 93 Cst CL	190+00.00	1103402.42	427855.73									
	POB/ US 93 Med Cst CL	2076+69.45	1097242.30	435059.31									
	PC/ US 93 Med Cst CL	2078+25.42	1097331.05	434931.04									
30	PI/ US 93 Med Cst CL	2091+74.81	1098098.82	433821.37		08°04'58"	00°18'00"	19098.6	1349.39	2694.29	47.61	0.020'/ft	SEE SUPERELEVATION DIAGRAM
	PT/ US 93 Med Cst CL	2105+19.71	1099014.99	432830.68									
	PC/ US 93 Med Cst CL	2125+23.78	1100375.66	431359.33									
31	PI/ US 93 Med Cst CL	2126+70.87	1100475.53	431251.34		01°41'07"	00°34'23"	10000	147.09	294.15	1.08	0.020'/ft	SEE SUPERELEVATION DIAGRAM
	PT/ US 93 Med Cst CL	2128+17.94	1100572.17	431140.46									
	POE/ US 93 Med Cst CL	2160+00.00	1102663.00	428741.72									
	POB/ US 93 SB Cst CL	174+57.92	1102334.40	428968.11									
	PC/ US 93 SB Cst CL	178+92.92	1102641.11	428659.63									
500	PI/ US 93 SB Cst CL	181+56.95	1102827.27	428472.41		01°36'35"	01°15'00"	4583.66	264.03	527.47	8.00	0.020'/ft	SEE SUPERELEVATION DIAGRAM
	PT/ US 93 SB Cst CL	184+20.39	1102990.70	428265.04									
	POT/ US 93 SB Cst CL	190+00.00	1103349.48	427809.82									
	POB/ US 93 NB Cst CL	173+34.42	1102323.29	429121.90									
	PC/ US 93 NB Cst CL	175+95.56	1102508.23	428937.52									
600	PI/ US 93 NB Cst CL	178+69.67	1102702.35	428743.99		06°51'42"	01°15'00"	4583.66	274.11	547.57	8.19	0.020'/ft	SEE SUPERELEVATION DIAGRAM
	PT/ US 93 NB Cst CL	181+43.13	1102872.02	428528.71									
	POE/ US 93 NB Cst CL	190+00.00	1103402.42	427855.73									

CURVE DATA TABLE

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC DATA SHEET

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-2.10
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

NB US 93 Cst CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Alignment Name:		Exst US 93 Cst CL									
Description:											
Style:		Alignment\E_Geom_Baseline									
Tangent	START		190+00.00	1103402.43	427855.73						
Tangent	PC		207+09.70	1104460.72	426512.94						
Arc	PC		207+09.70	1104460.72	426512.94						
Arc	HPI	2	211+29.12	1104720.34	426183.53	21548.08	838.74	02°13'48.69"	Right		
Arc	CC			1121384.46	439851.10						
Arc	PT		215+48.44	1104992.58	425864.47						
Tangent	PT		215+48.44	1104992.58	425864.47						
Tangent	END		360+00.00	1114372.94	414870.99						

SB US 93 Cst CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Alignment Name:		SB US 93 Cst CL									
Description:											
Style:		Alignment\Geom_Baseline_LEFT_ANNO									
Tangent	START		190+00.00	1103349.48	427809.82						
Tangent	PC		207+06.42	1104405.74	426469.61						
Arc	PC		207+06.42	1104405.74	426469.61						
Arc	HPI	101	211+27.20	1104666.21	426139.13	21618.08	841.47	02°13'48.69"	Right		
Arc	CC			1121384.46	439851.10						
Arc	PT		215+47.88	1104939.33	425819.03						
Tangent	PT		215+47.88	1104939.33	425819.03						
Tangent	HPI		280+00.00	1109127.34	420910.83						
Tangent	HPI		280+00.00	1109127.34	420910.83						
Tangent	HPI		283+81.98	1109371.45	420617.03						
Tangent	HPI		283+81.98	1109371.45	420617.03						
Tangent	PC		322+08.57	1111855.25	417706.10						
Arc	PC		322+08.57	1111855.25	417706.10						
Arc	HPI	102	326+56.47	1112145.98	417365.38	22918.31	895.68	02°14'21.12"	Left		
Arc	CC			1094421.02	402830.06						
Arc	PRC		331+04.25	1112423.17	417013.56						
Arc	PRC		331+04.25	1112423.17	417013.56						
Arc	HPI	103	335+52.15	1112700.36	416661.74	22918.31	895.68	02°14'21.12"	Right		
Arc	CC			1130425.32	431197.06						
Arc	PT		339+99.93	1112991.09	416321.02						
Tangent	PT		339+99.93	1112991.09	416321.02						
Tangent	END		360+00.00	1114289.31	414799.54						

SB US 93 Cst CL (cont.)

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Alignment Name:		SB US 93 Cst CL									
Description:											
Style:		Alignment\Geom_Baseline_LEFT_ANNO									
Arc	PRC		331+04.25	1112423.17	417013.56						
Arc	HPI	103	335+52.15	1112700.36	416661.74	22918.31	895.68	02°14'21.12"	Right		
Arc	CC			1130425.32	431197.06						
Arc	PT		339+99.93	1112991.09	416321.02						
Tangent	PT		339+99.93	1112991.09	416321.02						
Tangent	END		360+00.00	1114289.31	414799.54						

Moreton Rd Cst CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Alignment Name:		Moreton Airpark Rd Cst CL									
Description:											
Style:		Alignment\Geom_Baseline_LEFT_ANNO									
Tangent	START		15+00.00	1104977.46	425121.39						
Tangent	PC		17+65.78	1105243.24	425123.73						
Arc	PC		17+65.78	1105243.24	425123.73						
Arc	HPI	301	18+44.53	1105321.98	425124.42	250.00	152.58	34°58'04.84"	Right		
Arc	CC			1105241.03	425373.72						
Arc	PT		19+18.36	1105386.11	425170.12						
Tangent	PT		19+18.36	1105386.11	425170.12						
Tangent	END		20+00.00	1105452.60	425217.50						

Nine Irons Ranch Rd Cst CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Alignment Name:		Nine Irons Ranch Rd Cst CL									
Description:											
Style:		Alignment\Geom_Baseline_LEFT_ANNO									
Tangent	START		20+00.00	1105505.95	425262.82						
Tangent	PC		20+81.90	1105581.30	425294.90						
Arc	PC		20+81.90	1105581.30	425294.90						
Arc	HPI	401	21+72.85	1105664.98	425330.53	150.00	163.52	62°27'37.58"	Left		
Arc	CC			1105640.07	425156.89						
Arc	PT		22+45.42	1105735.27	425272.81						
Tangent	PT		22+45.42	1105735.27	425272.81						
Tangent	PC		23+72.57	1105833.53	425192.11						
Arc	PC		23+72.57	1105833.53	425192.11						
Arc	HPI	402	24+63.27	1105903.62	425134.54	250.00	174.01	39°52'51.81"	Right		
Arc	CC			1105992.20	425385.30						
Arc	PT		25+46.59	1105994.32	425135.31						
Tangent	PT		25+46.59	1105994.32	425135.31						
Tangent	END		25+66.53	1106014.26	425135.48						

NOTE

1. *Existing US 93 Cst CL matches Existing R/W CL, See Right-of-Way Project No. 093-B(0)T.*

Professional Engineer — 26609 — DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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AECOM TECHNICAL SERVICES, Inc.
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

GEOMETRIC DATA SHEET

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	142	524	

MILEPOST 189.9 — STRUCTURE NO. —

F.H.W.A. Arizona Division

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. C-2.11

____ OF ____

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	143	524	
		093 YV 189			

PLAN REF NO	LOCATION	P.I./P.O.T. STATION	COORDINATES (N)	COORDINATES (E)	SIMPLE	DELTA	D	R	T	L	Ext	e	SUPERELEVATION
	POB/ Existing SR 89 Cst CL	425+06.18	1108503.83	428129.62									
	PC/ Existing SR 89 Cst CL	474+55.91	1103634.12	429016.03									
20	PI/ Existing SR 89 Cst CL	481+71.01	1102930.58	429144.10		28°09'34"	02°00'34"	2851.22	715.10	1401.30	88.31		
	PT/ Existing SR 89 Cst CL	488+57.21	1102370.74	429589.02									
	POE/ Existing SR 89 Cst CL	503+92.04	1101169.17	430543.97									
	PC/ Future SR 89 Cst CL	100+00.00	1101366.08	430284.43									
900	PI/ Future SR 89 Cst CL	102+41.62	1101524.84	430102.29		20°52'10"	04°22'01"	1312	241.62	477.88	22.06	0.020'/ft	SEE SUPERELEVATION DIAGRAM
	PT/ Future SR 89 Cst CL	104+77.88	1101738.07	429988.65									
	PC/ Future SR 89 Cst CL	107+66.91	1101992.23	429851.03									
901	PI/ Future SR 89 Cst CL	108+83.21	1102094.50	429795.65		08°56'18"	03°51'02"	1488	116.3	232.13	4.54	0.020'/ft	SEE SUPERELEVATION DIAGRAM
	PT/ Future SR 89 Cst CL	109+99.04	1102186.92	429725.05									
	PC/ Future SR 89 Cst CL	111+99.04	1102345.86	429603.65									
902	PI/ Future SR 89 Cst CL	113+15.99	1102438.80	429532.66		04°21'10"	01°51'43"	3077.42	116.96	233.8	2.22	0.020'/ft	SEE SUPERELEVATION DIAGRAM
	PCC/ Future SR 89 Cst CL	114+32.84	1102536.87	429468.93									
	POC/ SR 89 Cst CL	115+39.52	1102626.41	429412.79									
903	PI/ SR 89 Cst CL	120+84.30	1103083.10	429113.92		22°48'05"	01°46'25"	3230.69	651.47	1285.69	65.03	0.020'/ft	SEE SUPERELEVATION DIAGRAM
	PT/ SR 89 Cst CL	127+18.53	1103724.24	428998.34									
	POE/ SR 89 Cst CL	133+44.07	1104339.85	428887.36									

CURVE DATA TABLE

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

GEOMETRIC DATA SHEET

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 12/31/26
ARIZONA, U.S.A.

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. C-2.12

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	144	524	
		093 YV 189			

PLAN REF NO	LOCATION	P.I./P.O.T. STATION	COORDINATES (N)	COORDINATES (E)	SIMPLE	DELTA	D	R	T	L	Ext	e	SUPERELEVATION
	POB/ Wickenburg Ranch Way Cst CL	50+00.00	1097622.55	430979.61									
	PC/ Wickenburg Ranch Way Cst CL	51+33.15	1097702.39	431086.17									
700	PI/ Wickenburg Ranch Way Cst CL	54+57.05	1097896.58	431345.39		44°04'58"	07°09'43"	800	323.89	615.51	63.08	NC	SEE SUPERELEVATION DIAGRAM
	PT/ Wickenburg Ranch Way Cst CL	57+48.66	1097855.74	431666.7									
	PC/ Wickenburg Ranch Way Cst CL	62+02.44	1097798.52	432116.85									
701	PI/ Wickenburg Ranch Way Cst CL	67+85.56	1097724.99	432695.32		97°39'15"	11°14'04"	510	583.12	869.24	264.68	NC	SEE SUPERELEVATION DIAGRAM
	PT/ Wickenburg Ranch Way Cst CL	70+71.67	1098308.1	432691.15									
	PC/ Wickenburg Ranch Way Cst CL	71+28.95	1098365.38	432690.74									
702	PI/ Wickenburg Ranch Way Cst CL	73+11.21	1098547.63	432689.44		39°19'53"	11°14'04"	510	182.26	350.10	31.59	NC	SEE SUPERELEVATION DIAGRAM
	PT/ Wickenburg Ranch Way Cst CL	74+79.05	1098689.43	432803.94									
	POE/ Wickenburg Ranch Way Cst CL	77+37.68	1098890.66	432966.43									
	POB/ Matthie Ranch Road Cst CL	0+00.00	1097862.04	431554.17									
	PC/ Matthie Ranch Road Cst CL	0+98.94	1097960.88	431549.63									
800	PI/ Matthie Ranch Road Cst CL	1+90.97	1098052.82	431545.42		20°27'30"	11°14'04"	510	92.03	182.1	8.24	NC	SEE SUPERELEVATION DIAGRAM
	PT/ Matthie Ranch Road Cst CL	2+81.05	1098140.43	431573.6									
	PC/ Matthie Ranch Road Cst CL	5+09.17	1098357.59	431643.46									
801	PI/ Matthie Ranch Road Cst CL	6+62.55	1098503.6	431690.43		17°26'24"	05°43'46"	1000	153.38	304.39	11.69	NC	SEE SUPERELEVATION DIAGRAM
	PT/ Matthie Ranch Road Cst CL	8+13.55	1098656.97	431691.48									
	PC/ Matthie Ranch Road Cst CL	16+16.05	1099459.45	431696.97									
802	PI/ Matthie Ranch Road Cst CL	18+78.80	1099722.19	431698.77		48°22'26"	09°47'39"	585	262.75	493.91	56.3	NC	SEE SUPERELEVATION DIAGRAM
	PT/ Matthie Ranch Road Cst CL	21+09.95	1099898.07	431503.57									
	PC/ Matthie Ranch Road Cst CL	37+34.06	1100985.19	430296.97									
803	PI/ Matthie Ranch Road Cst CL	40+27.82	1101181.83	430078.72		59°53'03"	11°14'04"	510	293.76	533.04	78.55	NC	SEE SUPERELEVATION DIAGRAM
	PT/ Matthie Ranch Road Cst CL	42+67.10	1101091.71	429799.13									
	POE/ Matthie Ranch Road Cst CL	44+23.53	1101043.72	429650.25									

CURVE DATA TABLE

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
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Phone: (602) 333-2200

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

GEOMETRIC DATA SHEET

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-2.13
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

East Frontage Rd Cst CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Alignment Name:		East Frontage Rd Cst CL									
Description:											
Style:		Alignment\Geom_Baseline									
Tangent	START		113+48.16	1105841.69	425185.68						
Tangent	PC		113+94.60	1105819.58	425144.85						
Arc	PC		113+94.60	1105819.58	425144.85						
Arc	HPI	201	114+28.90	1105803.24	425114.68	50.00	60.13	68°54'30.71"	Right		
Arc	CC			1105863.54	425121.04						
Arc	PT		114+54.73	1105825.51	425088.58						
Tangent	PT		114+54.73	1105825.51	425088.58						
Tangent	PC		123+63.91	1106415.64	424396.96						
Arc	PC		123+63.91	1106415.64	424396.96						
Arc	HPI	202	124+07.80	1106444.13	424363.58	1041.74	87.73	04°49'29.85"	Right		
Arc	CC			1107208.11	425073.15						
Arc	PT		124+51.63	1106475.33	424332.71						
Tangent	PT		124+51.63	1106475.33	424332.71						
Tangent	PC		126+01.63	1106581.94	424227.19						
Arc	PC		126+01.63	1106581.94	424227.19						
Arc	HPI	203	126+45.52	1106613.14	424196.32	1041.74	87.73	04°49'29.85"	Left		
Arc	CC			1105849.16	423486.75						
Arc	PT		126+89.36	1106641.63	424162.93						
Tangent	PT		126+89.36	1106641.63	424162.93						
Tangent	PC		129+89.36	1106836.35	423934.72						
Arc	PC		129+89.36	1106836.35	423934.72						
Arc	HPI	204	130+33.25	1106864.84	423901.33	1041.74	87.73	04°49'29.85"	Left		
Arc	CC			1106043.89	423258.54						
Arc	PT		130+77.09	1106890.42	423865.67						
Tangent	PT		130+77.09	1106890.42	423865.67						
Tangent	PC		132+27.09	1106977.84	423743.78						
Arc	PC		132+27.09	1106977.84	423743.78						
Arc	HPI	205	132+70.98	1107003.42	423708.11	1041.74	87.73	04°49'29.85"	Right		
Arc	CC			1107824.37	424350.91						
Arc	PT		133+14.81	1107031.91	423674.72						
Tangent	PT		133+14.81	1107031.91	423674.72						
Tangent	PC		156+12.35	1108523.21	421926.96						
Arc	PC		156+12.35	1108523.21	421926.96						
Arc	HPI	206	156+56.23	1108551.70	421893.58	1041.74	87.73	04°49'29.85"	Right		
Arc	CC			1109315.68	422603.15						
Arc	PT		157+00.07	1108582.90	421862.70						

East Frontage Rd Cst CL (cont.)

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Tangent	PT		157+00.07	1108582.90	421862.70						
Tangent	PC		158+50.07	1108689.51	421757.19						
Arc	PC		158+50.07	1108689.51	421757.19						
Arc	HPI	207	158+93.96	1108720.71	421726.32	1041.74	87.73	04°49'29.85"	Left		
Arc	CC			1107956.73	421016.75						
Arc	PT		159+37.80	1108749.20	421692.93						
Tangent	PT		159+37.80	1108749.20	421692.93						
Tangent	PC		160+87.80	1108846.56	421578.83						
Arc	PC		160+87.80	1108846.56	421578.83						
Arc	HPI	208	161+37.80	1108879.01	421540.79	50.00	78.54	90°00'00.00"	Left		
Arc	CC			1108808.52	421546.37						
Arc	PT		161+66.34	1108840.98	421508.34						
Tangent	PT		161+66.34	1108840.98	421508.34						
Tangent	END		162+66.34	1108764.91	421443.43						

Caballero Dr Cst CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Alignment Name:		Caballero Dr Cst CL									
Description:											
Style:		Alignment\Geom_Baseline_LEFT_ANNO									
Tangent	START		18+50.00	1106457.53	423808.66						
Tangent	END		22+20.00	1106738.99	424048.83						

Registered Professional Engineer
26609
DALE WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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

GEOMETRIC DATA SHEET

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	145	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. C-2.14
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

Dwy 129+89 Cst CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		Dwy 129+89 Cst CL									
Description:											
Style:		Alignment\Geom_Baseline_Driveway									
Tangent	START		10+00.00	1106836.12	423935.00						
Tangent	PC		10+50.32	1106874.40	423967.66						
Arc	PC		10+50.32	1106874.40	423967.66						
Arc	HPI	601	10+59.45	1106881.34	423973.59	80	18.18	13°01'08.55"	Right		
Arc	CC			1106822.47	424028.52						
Arc	PT		10+68.50	1106886.77	423980.92						
Tangent	PT		10+68.50	1106886.77	423980.92						
Tangent	END		11+07.49	1106909.97	424012.26						

Dwy 133+30 Cst CL

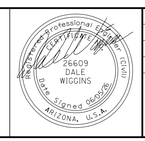
Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Alignment Name:		Dwy 133+30 Cst CL									
Description:											
Style:		Alignment\Geom_Baseline_Driveway									
Tangent	START		10+00.00	1107041.76	423663.17						
Tangent	PC		10+40.37	1107072.47	423689.38						
Arc	PC		10+40.37	1107072.47	423689.38						
Arc	HPI	602	10+48.79	1107078.88	423694.84	50.00	16.69	19°07'11.71"	Right		
Arc	CC			1107040.02	423727.41						
Arc	PT		10+57.05	1107083.14	423702.11						
Tangent	PT		10+57.05	1107083.14	423702.11						
Tangent	END		11+00.00	1107104.88	423739.15						

Dwy 135+95 Cst CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Alignment Name:		Dwy 135+95 Cst CL									
Description:											
Style:		Alignment\Geom_Baseline_Driveway									
Tangent	START		10+00.00	1107213.77	423461.59						
Tangent	END		10+90.00	1107282.24	423520.00						

Dwy 138+87 Cst CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Alignment Name:		Dwy 138+87 Cst CL									
Description:											
Style:		Alignment\Geom_Baseline_Driveway									
Tangent	START		10+00.00	1107403.31	423239.46						
Tangent	PC		10+27.44	1107424.18	423257.27						
Arc	PC		10+27.44	1107424.18	423257.27						
Arc	HPI	603	10+40.00	1107433.74	423265.42	50.00	24.60	28°11'38.21"	Left		
Arc	CC			1107456.64	423219.24						
Arc	PT		10+52.05	1107446.00	423268.09						
Tangent	PT		10+52.05	1107446.00	423268.09						
Tangent	END		10+70.75	1107464.28	423272.07						



	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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

GEOMETRIC DATA SHEET

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	146	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-2.15

TRACS NO. F0738 01C

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Dwy 142+25 Cst CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Alignment Name:		Dwy 142+25 Cst CL									
Description:											
Style:		Alignment\Geom_Baseline_Driveway									
Tangent	START		10+00.00	1107622.70	422982.34						
Tangent	PC		10+28.07	1107644.06	423000.56						
Arc	PC		10+28.07	1107644.06	423000.56						
Arc	HPI	604	10+40.00	1107653.13	423008.30	50.00	23.41	26°49'44.08"	Right		
Arc	CC			1107611.60	423038.60						
Arc	PT		10+51.49	1107657.73	423019.30						
Tangent	PT		10+51.49	1107657.73	423019.30						
Tangent	END		10+79.10	1107668.39	423044.78						

Dwy 145+27 Cst CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Alignment Name:		Dwy 145+27 Cst CL									
Description:											
Style:		Alignment\Geom_Baseline_Driveway									
Tangent	START		10+00.00	1107818.72	422752.60						
Tangent	END		10+80.00	1107879.58	422804.53						

Dwy 147+20 Cst CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Alignment Name:		Dwy 147+20 Cst CL									
Description:											
Style:		Alignment\Geom_Baseline_Driveway									
Tangent	START		10+00.00	1107944.00	422605.78						
Tangent	END		10+60.00	1107989.64	422644.73						

Dwy 150+33 Cst CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Alignment Name:		Dwy 150+33 Cst CL									
Description:											
Style:		Alignment\Geom_Baseline_Driveway									
Tangent	START		10+00.00	1108147.16	422367.68						
Tangent	END		10+60.00	1108192.81	422406.63						

Dwy 154+00 Cst CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Alignment Name:		Dwy 154+00 Cst CL									
Description:											
Style:		Alignment\Geom_Baseline_Driveway									
Tangent	START		10+00.00	1108385.38	422088.50						
Tangent	END		10+80.00	1108446.24	422140.43						

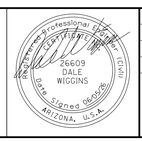
Dwy 154+26 Cst CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/Theta	Rotation Direction	K	P
Alignment Name:		Dwy 154+26 Cst CL									
Description:											
Style:		Alignment\Geom_Baseline_Driveway									
Tangent	START		10+00.00	1108402.26	422068.72						
Tangent	END		10+80.00	1108463.11	422120.65						

Dwy 274+34 Cst CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		Dwy 274+34 Cst CL									
Description:											
Style:		Alignment\Geom_Baseline									
Tangent	START		9+00.00	1108683.88	421276.48						
Tangent	END		10+00.00	1108759.95	421341.39						

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta/ Theta	Rotation Direction	K	P
Alignment Name:		Dwy319+02.37									
Description:											
Style:		Alignment\Geom_Baseline									
Tangent	START		10+00.00	1111656	417939						
Tangent	END		11+75.00	1111523	417825.4						



	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100

AECOM
www.aecom.com

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

GEOMETRIC DATA SHEET

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	147	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

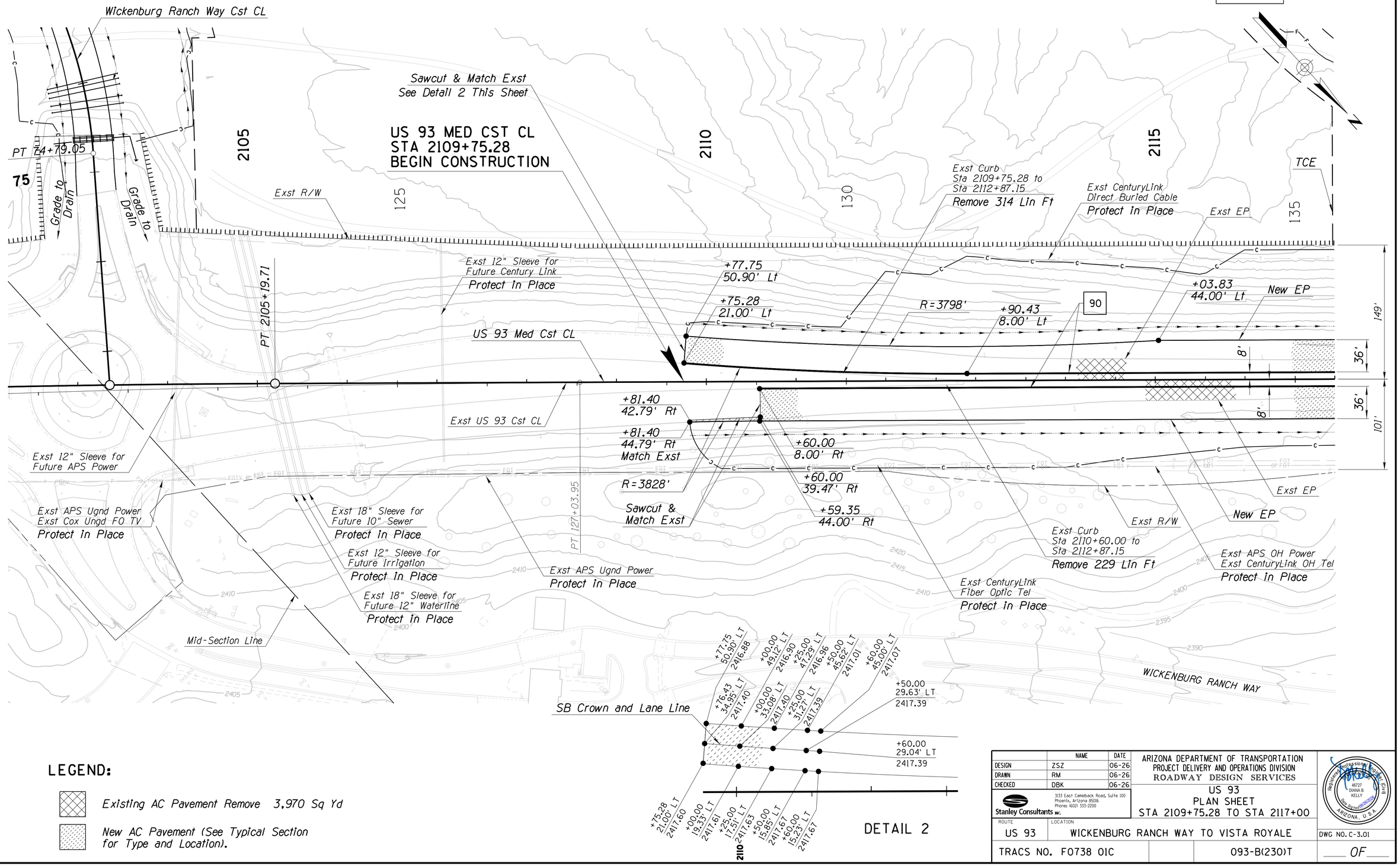
DWG No. C-2.16

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NOTE:
See Dwg No. C-4.04 for Wickenburg Ranch Way.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	148	524	
		093 YV 189			



DETAIL 2

LEGEND:

- Existing AC Pavement Remove 3,970 Sq Yd
- New AC Pavement (See Typical Section for Type and Location).

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

US 93
PLAN SHEET
STA 2109+75.28 TO STA 2117+00

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

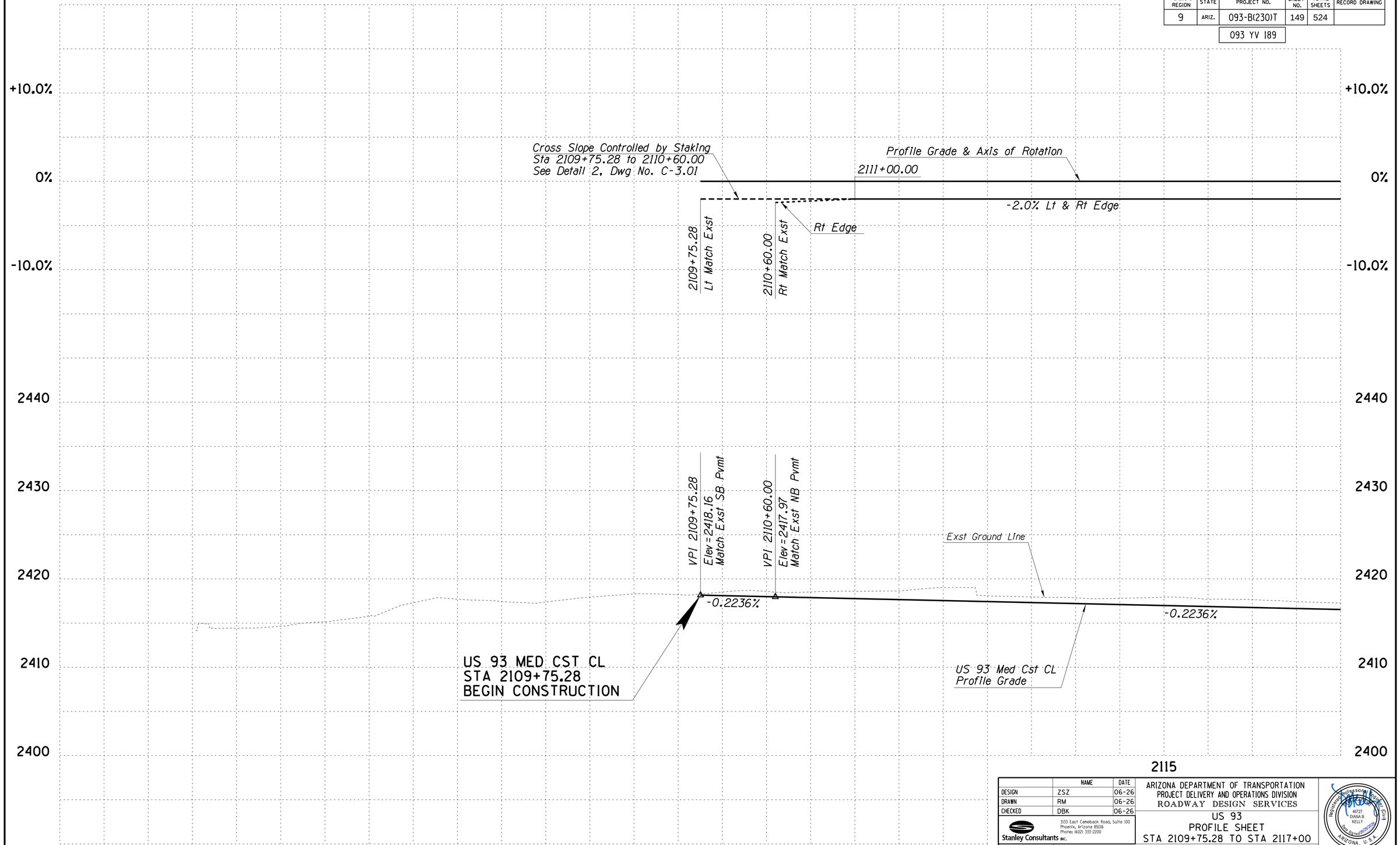
TRACS NO. F0738 01C | 093-B(230)T

DWG NO. C-3.01

___ OF ___

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 05/07/2026
ARIZONA, U.S.A.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	149	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
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Phoenix, Arizona 85016
Phone: (602) 333-2200

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

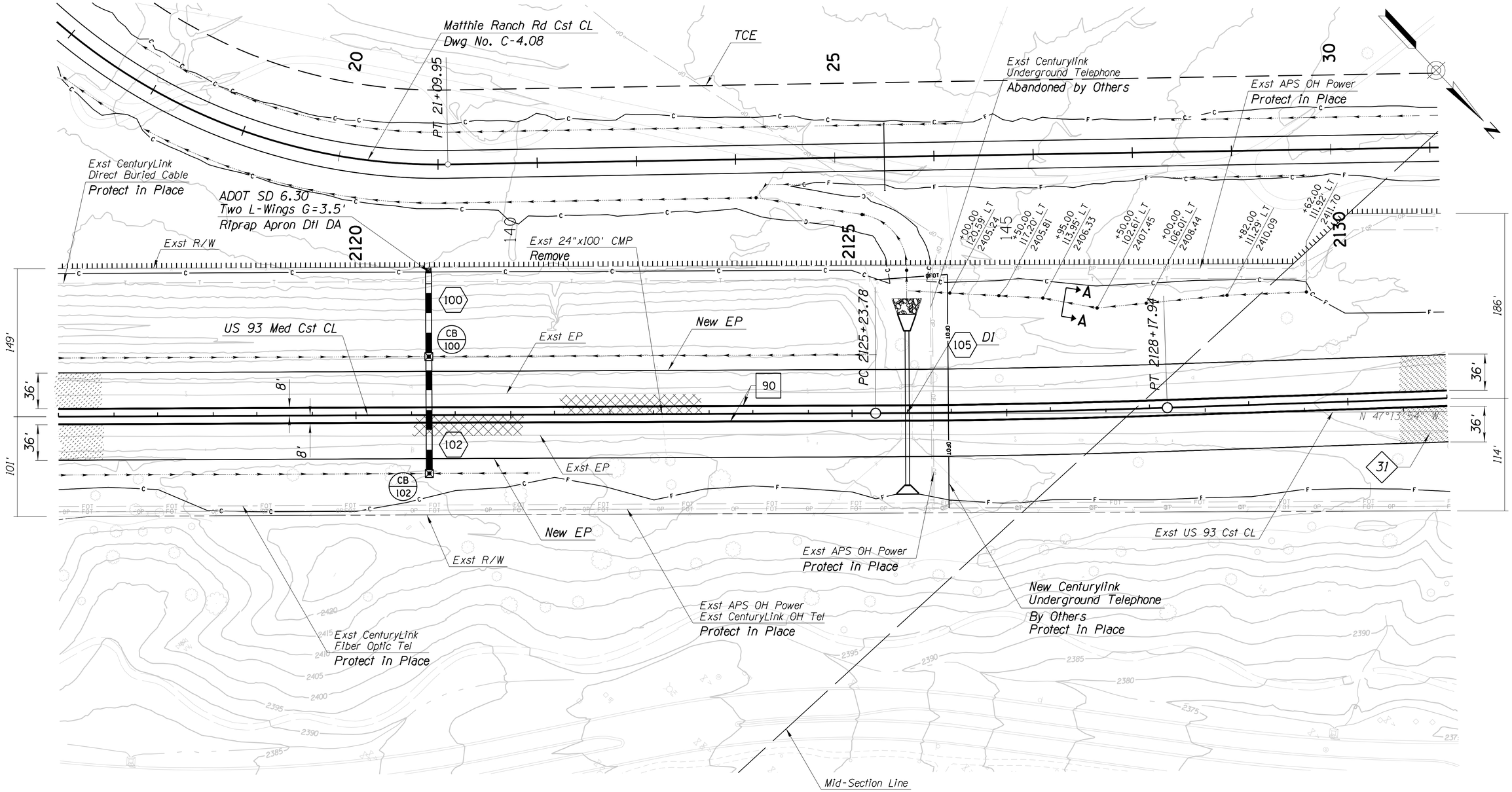
US 93
PROFILE SHEET
STA 2109+75.28 TO STA 2117+00

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 6/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-3.02
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

NOTE:
See Dwg No. C-4.08 for Matthie Ranch Road.

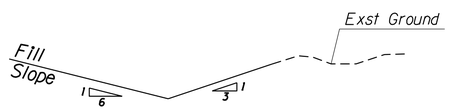
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	150	524	
		093 YV 189			



LEGEND:

Existing AC Pavement Remove 7,040 Sq Yd

New AC Pavement (See Typical Section for Type and Location).



SECTION A-A

NOTE:

All station and offsets are from US 93 Med Cst CL unless noted.

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

US 93
PLAN SHEET
STA 2117+00 TO STA 2131+00

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

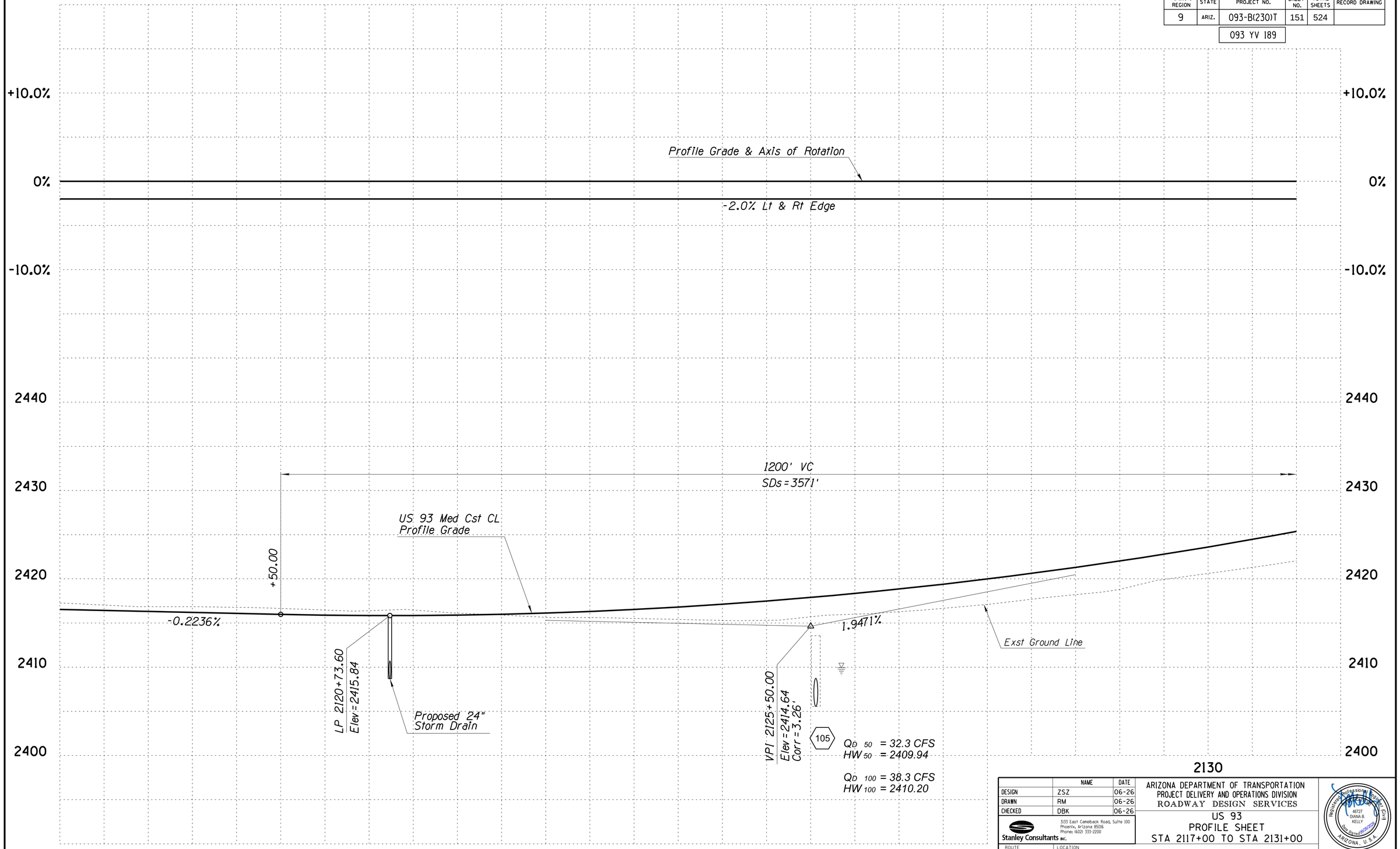
TRACS NO. F0738 01C | 093-B(230)T

Registered Professional Engineer (Civil)
50727
DIANA B. KELLY
ARIZONA, U.S.A.
Date Signed 06/30/26

DWG NO. C-3.03

____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	151	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

US 93
PROFILE SHEET
STA 2117+00 TO STA 2131+00

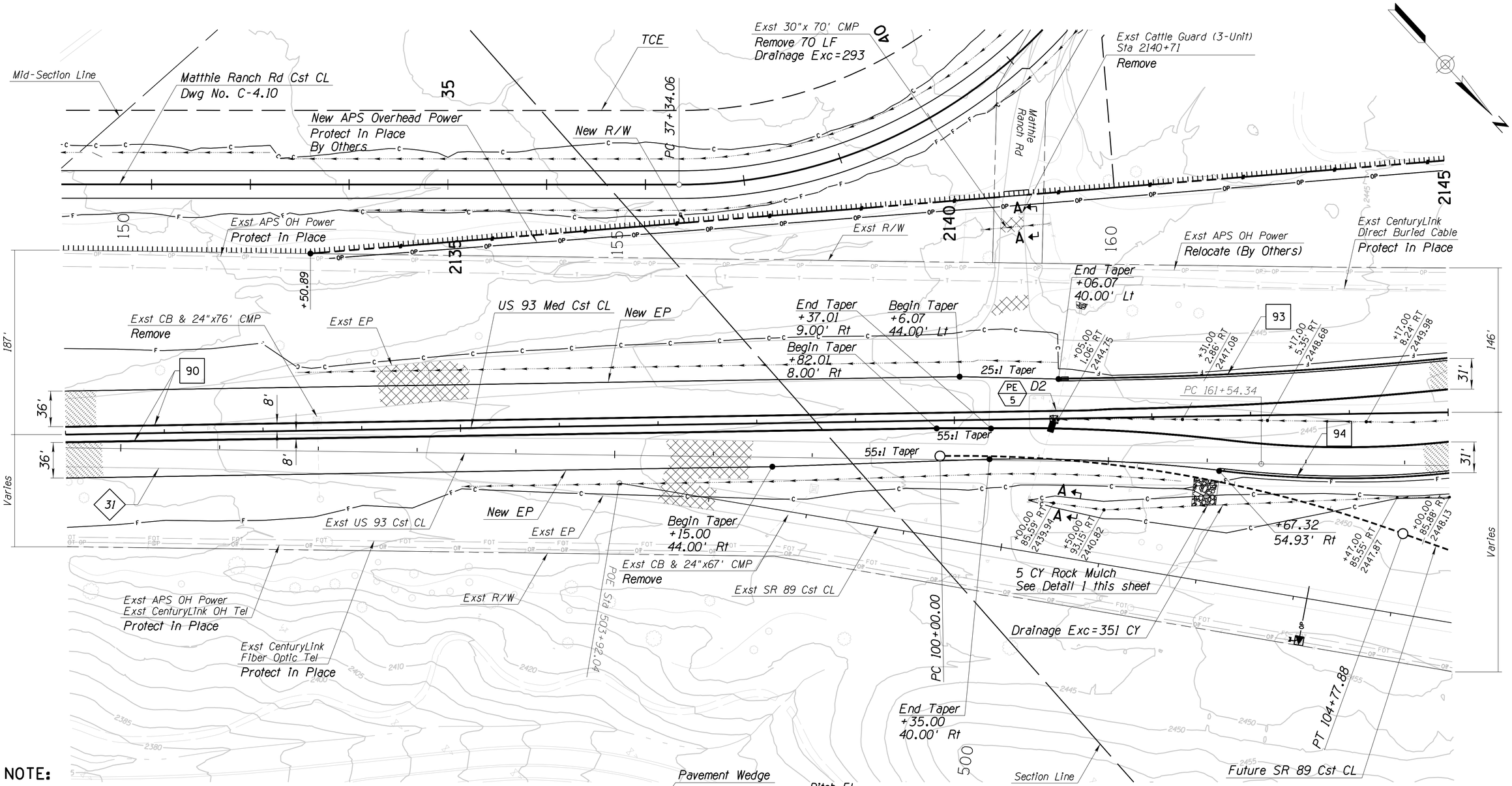
Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. C-3.04
TRACS NO. F0738 01C		093-B(230)T

OF

NOTE:
See Dwg No. C-4.10 for Matthie Ranch Road.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	152	524	
		093 YV 189			



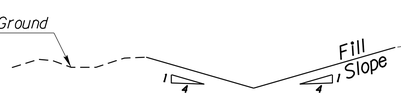
NOTE:

All station and offsets are from US 93 Med Cst CL unless noted.

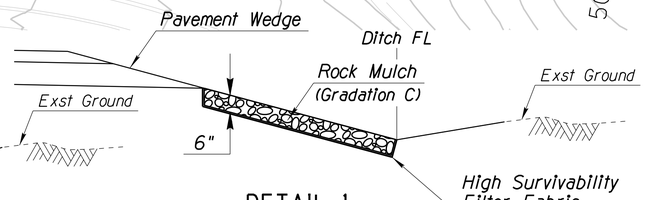
LEGEND:

Existing AC Pavement Remove 16,478 Sq Yd

New AC Pavement (See Typical Section for Type and Location).



SECTION A-A



DETAIL 1
ROCK MULCH

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

US 93
PLAN SHEET
STA 2131+00 TO STA 2145+00

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 05/31/2026
ARIZONA, U.S.A.

DWG NO. C-3.05

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	153	524	
		093 YV 189			

+10.0%

0%

-10.0%

Profile Grade & Axis of Rotation

-2.0% Lt & Rt Edge

Cross Slope controlled by Roundabout Staking

Sta 2413+37

2460

2450

2440

2430

2420

Elevations Controlled by Roundabout Staking

US 93 Med Cst CL
Profile Grade

Sta 2140+37.01
Elev=2443.59

1200' VC
SDs=3571'

+50.00

1.947%

$Q_{D\ 50}$ = 13.0 CFS
HW_{50} = 2441.91

$Q_{D\ 100}$ = 15.0 CFS
HW_{100} = 2242.85

PE 5

+00.00

1000' VC
SDs=887'

Exst Ground Line

Exst Century Link Telephone Line

Proposed 24"
Storm Drain

Proposed 24"
Storm Drain

2135

2140

2145

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

US 93
PROFILE SHEET
STA 2131+00 TO STA 2145+00

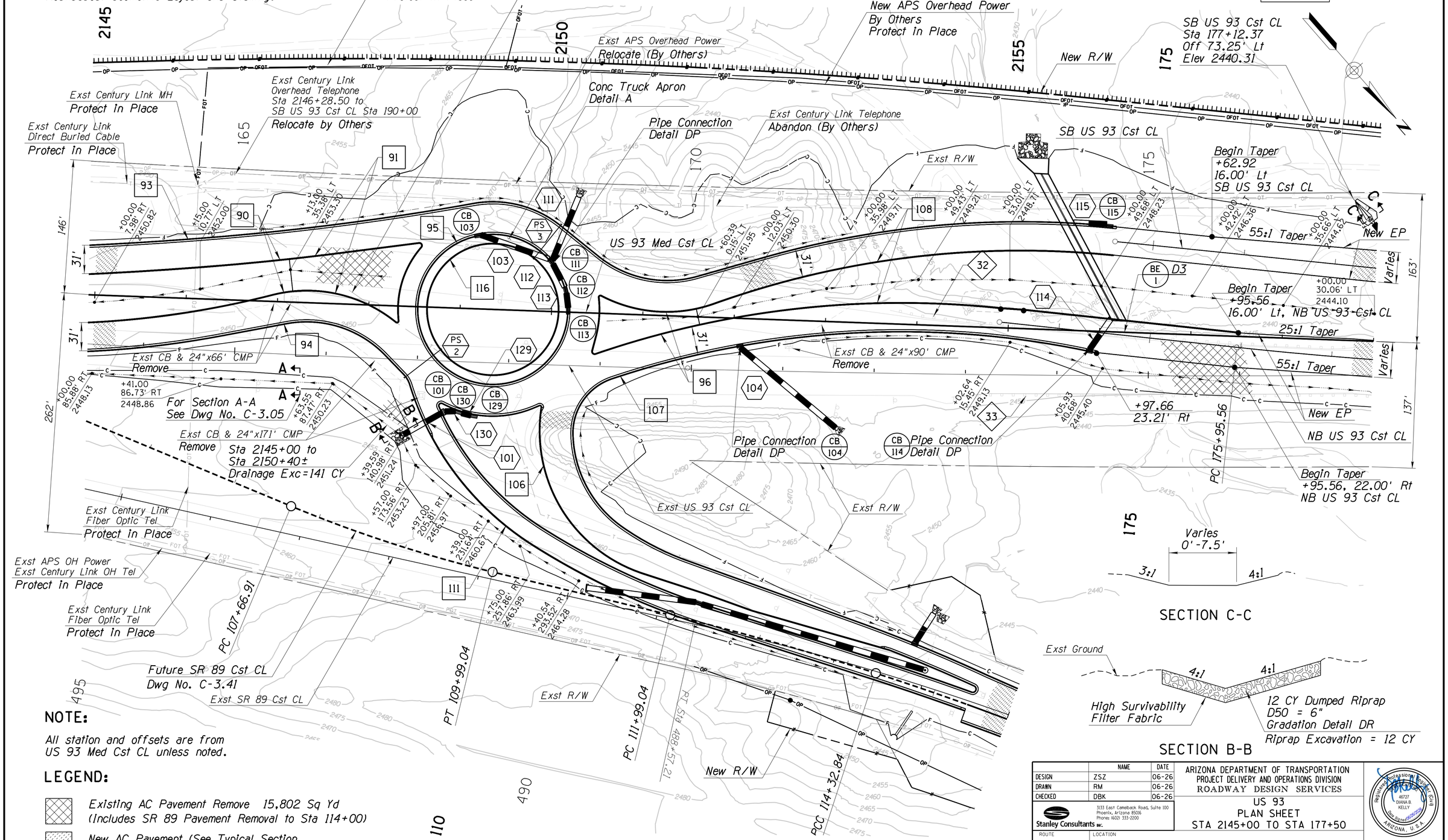
Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 02/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-3.06
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	154	524	
		093 YV 189			

NOTES:

1. See Dwg No. C-3.41 for SR 89.
2. See Dwg No. C-5.01 to C-5.17 for US93/SR89 Roundabout Geometric Layout and Staking.



NOTE:

All station and offsets are from US 93 Med Cst CL unless noted.

LEGEND:

- Existing AC Pavement Remove 15,802 Sq Yd (Includes SR 89 Pavement Removal to Sta 114+00)
- New AC Pavement (See Typical Section for Type and Location).

SECTION C-C

SECTION B-B

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

Stanley Consultants INC.
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Phoenix, Arizona 85016
Phone: (602) 333-2200

US 93
PLAN SHEET
STA 2145+00 TO STA 177+50

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-3.07
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	155	524	

093 YV 189

+10.0%
0%
-10.0%

Profile Grade & Axis of Rotation

Cross Slope controlled by Roundabout Staking

SB Elevations Controlled by Roundabout Staking

SB US 93
Profile Grade &
Axis of Rotation

+2.0% Rt Edge

-2.0% Lt Edge

2460
2450
2440
2430

VPI 2147+00.00
Elev=2456.50
Corr=-3.43'

1.9471%

US 93 Med Cst CL
Profile Grade

-0.7969%

Exst Ground Line

+00.00

Exst Century Link Telephone Line

1000' VC
SDs=887'

VPI 174+57.92
Elev=2450.26

1200' VC
SDs=1149'

176+70.00

SB US 93 Cst CL
Profile Grade

-1.0166%

Exst Ground Line

NB US 93
Profile Grade
& Axis of Rotation

+2.0% Rt Edge

-2.0% Lt Edge

176+17.00

End Profile
Sta 2163+00
Elev 2443.75

Proposed 24"
Storm Drain

Existing 2-6'x7' RCBC

BE
1

$Q_{D\ 50}$ = 286.0 CFS
HW_{50} = 2436.69

$Q_{D\ 100}$ = 358.0 CFS
HW_{100} = 2437.35

VPI 175+95.56
Elev=2447.73

176+40.00

200' VC

Exst Ground Line

NB US 93 Cst CL
Profile Grade

-0.8543%

VPI 177+40.00
Elev=2446.50
Corr=0.35'

NB Elevations Controlled by Roundabout Staking

Profile Grade & Axis of Rotation

Cross Slope controlled by Roundabout Staking

2145
2150
2155

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

US 93
PROFILE SHEET
STA 2145+00 TO STA 177+50

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C | 093-B(230)T

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

DWG NO. C-3.08

___ OF ___

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	156	524	
		093 YV 189			

Exst APS OH Power
Relocate (By Others)

Begin Taper
+37.92
15.00' Rt

End Taper
+92.92
22.00' Lt

New APS Overhead Power
By Others
Protect in Place

New R/W

Exst Century Link Direct
Buried Cable
Abandoned (By Others)

New Centurylink
Overhead Fiber Optic
By Others
Protect in Place

Exst R/W

Mid-Section Line

E 1/4 Corner

2160 180 185 190

PC 178+92.94

PT 184+20.59

PT 178+46.13

PT 181+43.13

+50.00
11.39' RT
2444.25

+50.00
136.90' RT
2444.75

+50.00
135.62' RT
2445.25

+50.00
34.00' RT
2445.75

+00.00
33.00' RT
2446.02

+00.00
27.42' LT
2443.70

+58.00

55:1 Taper

55:1 Taper

38'

40'

163'

Varies

Varies

137'

50'

150'

100'

116

1

Exst EP

New EP

SB US 93 Cst CL

New EP

Exst US 93 Cst CL

NB US 93 Cst CL

Pipe Connection
Detail DP
CB 116

End Taper
+92.92
16.00' Rt

End Taper
+15.56
18.00' Rt

End Taper
+45.56
22.00' Rt

Exst R/W

Section Line

LEGEND:

- Stations and Offsets shown from SB US 93 Cst CL
- Stations and Offsets shown from NB US 93 Cst CL

Existing AC Pavement Mill 3,326 Sq Yd

Existing AC Pavement Remove 2,436 Sq Yd

New AC Pavement (See Typical Section for Type and Location).

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

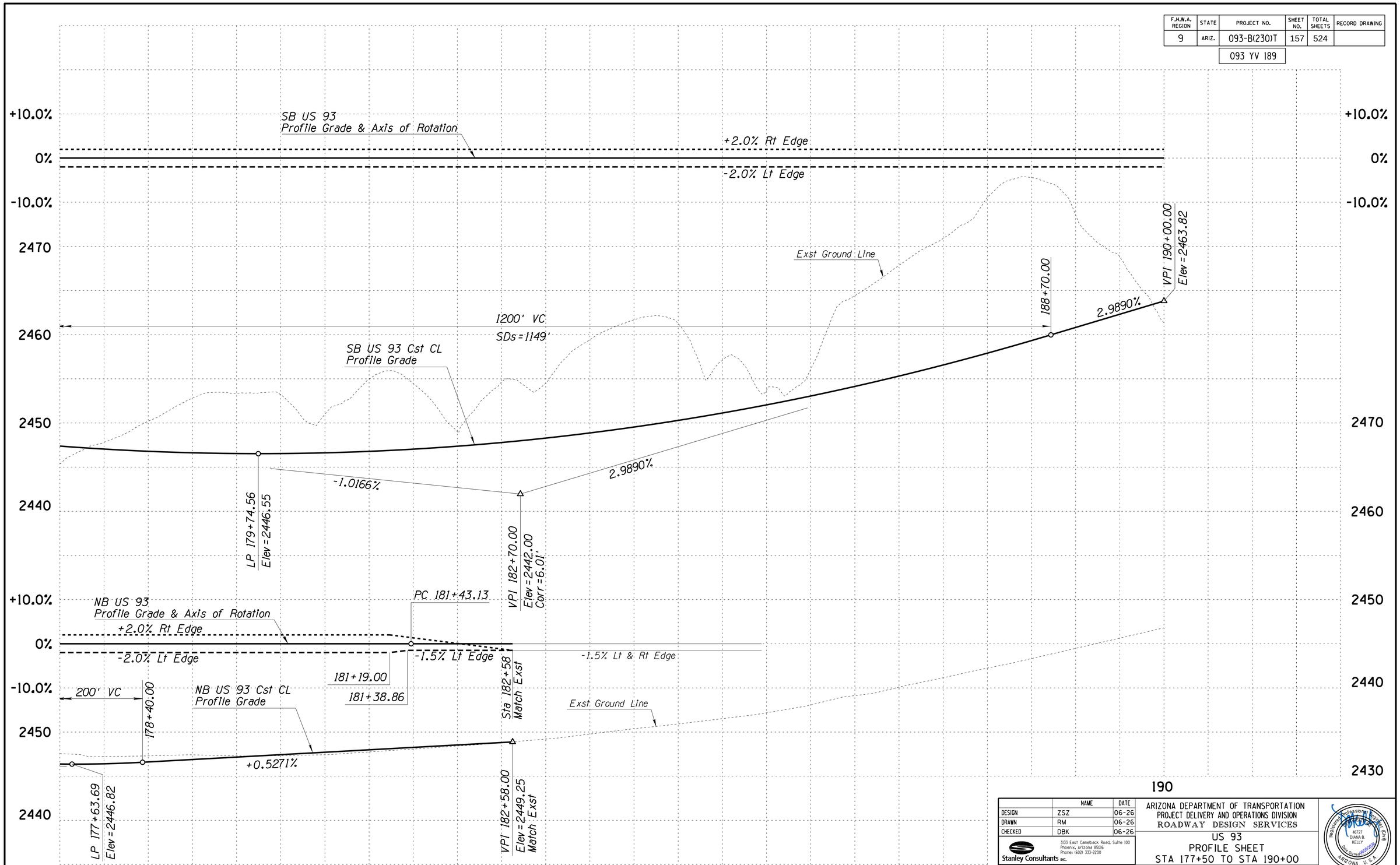
US 93
PLAN SHEET
STA 177+50 TO STA 190+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 05/06/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-3.09
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	157	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

US 93
PROFILE SHEET
STA 177+50 TO STA 190+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-3.10
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

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PT 184+20.39

185

190

SB US 93 Cst CL Sta 190+00
NB US 93 Cst CL Sta 190+00
Match Line

Exst OH Fiber Optic (CLN)

Exst BNSF R/W

Exst Ditch & Dike Easement

New R/W & Access Control

Lt Sta 190+31 to 196+43
612 LF New Embankment Curb
Std C-05.10

Exst R/W
New Access Control

Exst UG Telephone (CLN)

Exst OH Electric (APS)

Exst UG Telephone (CLN)

US 93 Med Cst CL

N51°45'26"W

SB US 93 Cst CL

D47

501

180'

195

BE 196

D4

22'

Varies

16'

70'

100'

NB US 93 Cst CL

Exst Spillway Inlet
Exst Spillway 46 LF
Exst Spillway Outlet
Remove

Sta 191+00, 19' Rt
New Spillway Inlet, Single,
Std C-4.10

Exst Spillway Inlet
Remove

Exst Spillway
Protect-in-Place

Sta 194+50, 19' Rt
Exst Spillway Inlet, *Remove*
Exst Spillway & Outlet, *Protect-in-Place*
New Spillway Inlet, Single
Std C-4.10
Connect to Exst Spillway

NB US 93 Cst CL
Lt Sta 190+89 to 196+00
511 LF Exst Embankment Curb
Remove & Replace

NB US 93 Cst CL
Rt Sta 190+87 to 196+00
513 LF Exst Embankment Curb
Remove & Replace

Exst R/W
New Access Control

Section Line

Mid-Section Line

LEGEND

New AC Pavement (See Typical Section For Type and Location)

Existing AC Pavement Mill

UTILITY DISPOSITION SHEETS LEGEND

- A *To Remain in Service - Protect-In-Place*
- B *Contractor to Relocate, Remove, or Reset*
- C *To Be Relocated or Removed by Others*
- D *To Be Constructed By Others*

Registered Professional Engineer — Civil — 26609 — DALE WIGGINS — Date Signed 06/26/26 — Arizona, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

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

PLAN SHEET
SB US 93 STA 190+00 TO STA 196+00

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	158	524	

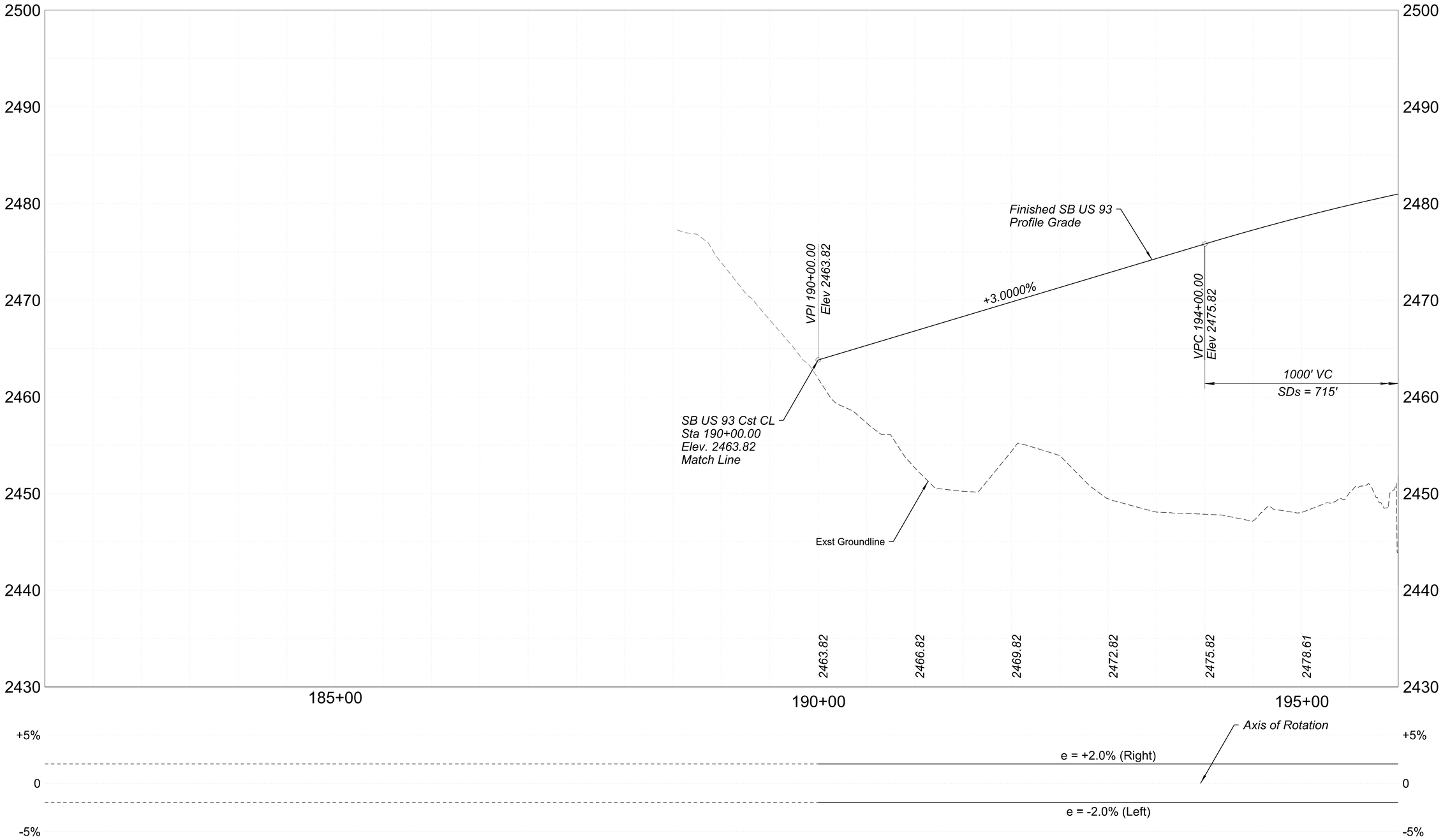
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-3.11

TRACS NO. F0738 01C

____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

Registered Professional Engineer (Civil)
26609
DALE
WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

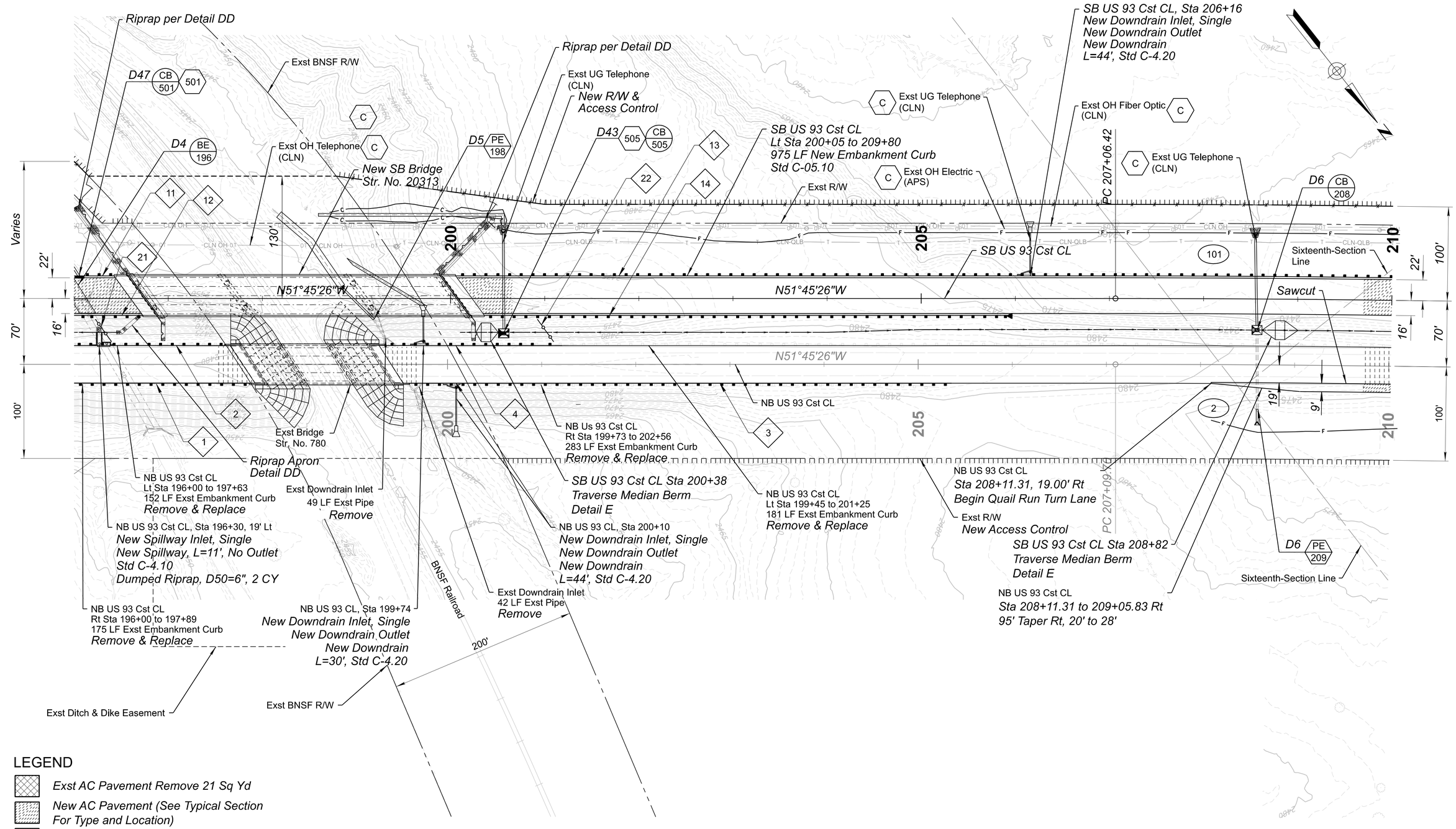
PROFILE SHEET
SB STA 190+00 TO STA 196+00

ROUTE: US 93
MILEPOST: 189.9
STRUCTURE NO.:

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	159	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
TRACS NO. F0738 01C
DWG No. C-3.12
____ OF ____

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LEGEND

- *Exst AC Pavement Remove 21 Sq Yd*
- *New AC Pavement (See Typical Section For Type and Location)*
- *Existing AC Pavement Mill*

UTILITY DISPOSITION SHEETS LEGEND

- (A) *To Remain in Service - Protect-In-Place*
- (B) *Contractor to Relocate, Remove, or Reset*
- (C) *To Be Relocated or Removed by Others*
- (D) *To Be Constructed By Others*

Professional Engineer — 26609 — DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

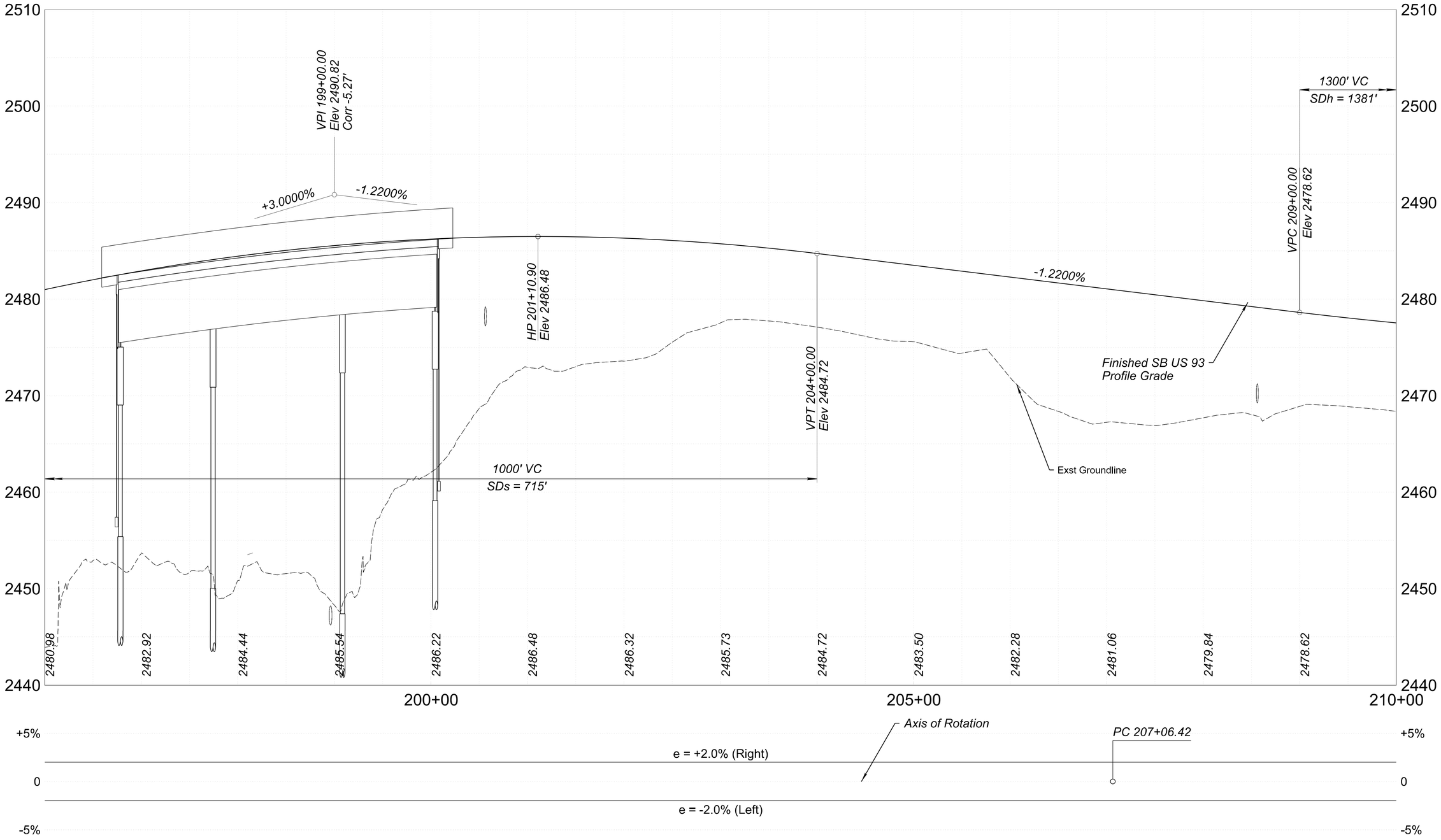
PLAN SHEET
SB US 93 STA 196+00 TO STA 210+00

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	160	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-3.13
TRACS NO. F0738 01C
____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

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

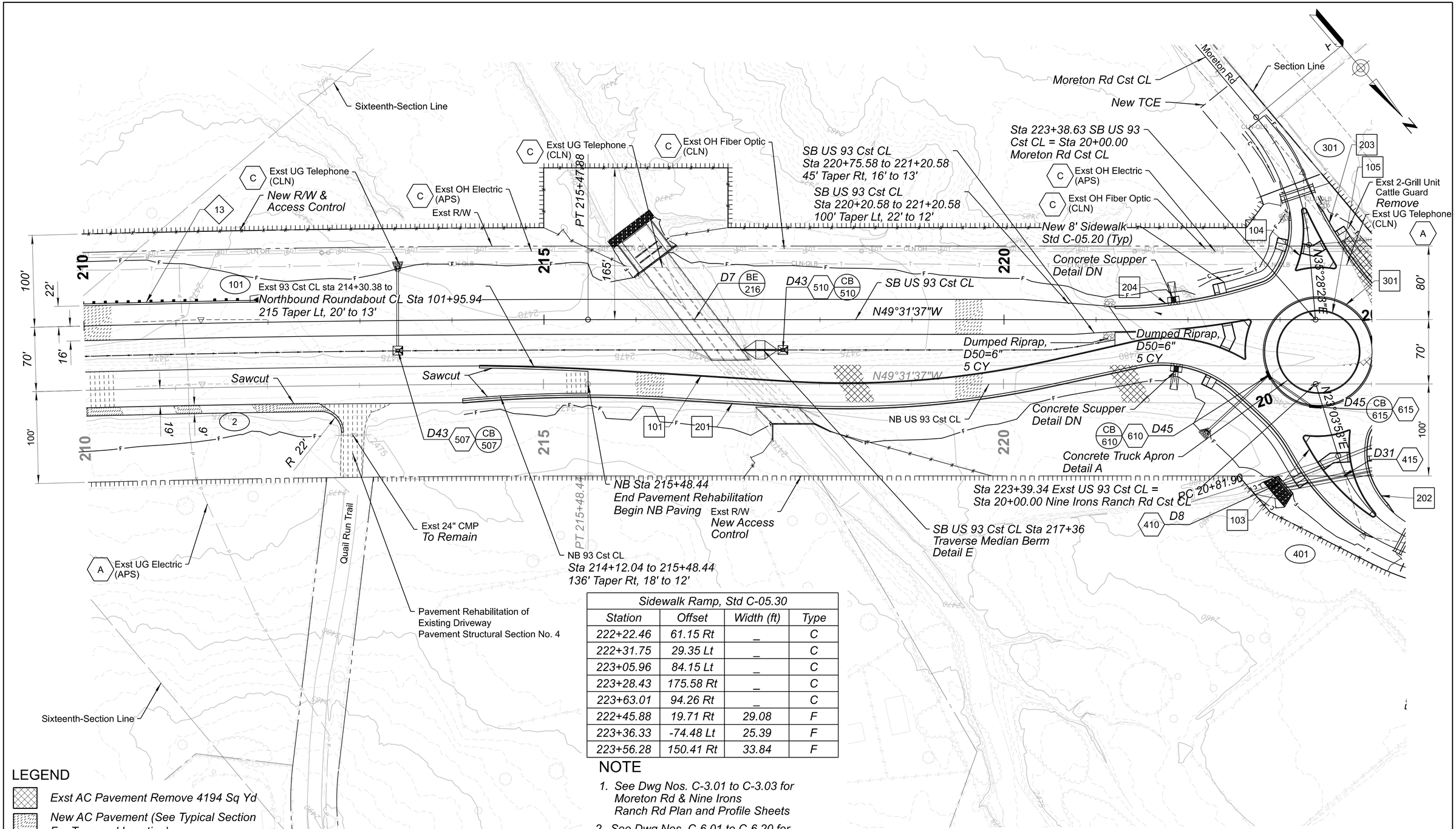
PROFILE SHEET
SB STA 196+00 TO STA 210+00

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	161	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-3.14
TRACS NO. F0738 01C
____ OF____

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Sidewalk Ramp, Std C-05.30			
Station	Offset	Width (ft)	Type
222+22.46	61.15 Rt	_	C
222+31.75	29.35 Lt	_	C
223+05.96	84.15 Lt	_	C
223+28.43	175.58 Rt	_	C
223+63.01	94.26 Rt	_	C
222+45.88	19.71 Rt	29.08	F
223+36.33	-74.48 Lt	25.39	F
223+56.28	150.41 Rt	33.84	F

LEGEND

- Exst AC Pavement Remove 4194 Sq Yd
- New AC Pavement (See Typical Section For Type and Location)
- Existing AC Pavement Mill

NOTE

1. See Dwg Nos. C-3.01 to C-3.03 for Moreton Rd & Nine Irons Ranch Rd Plan and Profile Sheets
2. See Dwg Nos. C-6.01 to C-6.20 for Moreton Rd Roundabout Geometric Layout and Staking

UTILITY DISPOSITION SHEETS LEGEND
- A To Remain in Service - Protect-In-Place
- B Contractor to Relocate, Remove, or Reset
- C To Be Relocated or Removed by Others
- D To Be Constructed By Others

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Registered Professional Engineer 26609 DALE WIGGINS Date Signed 06/26/26 ARIZONA, U.S.A.

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
PLAN SHEET
SB US 93 STA 210+00 TO STA 224+00
E FRONTAGE RD STA 111+54 TO STA 112+00

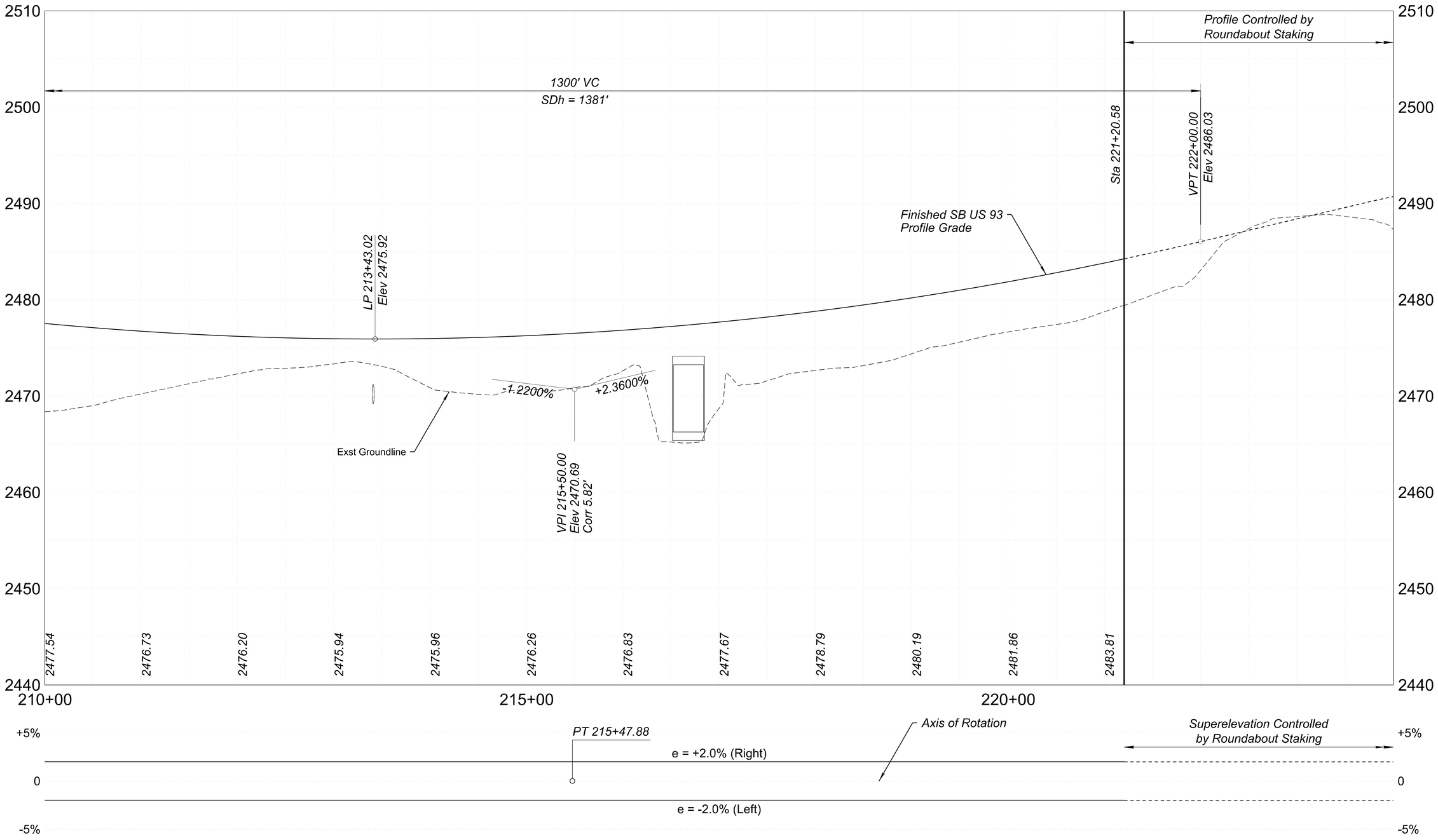
ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	162	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
TRACS NO. F0738 01C
DWG No. C-3.15
____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

Registered Professional Engineer
26609
DALE
WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PROFILE SHEET
SB STA 210+00 TO STA 224+00

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	163	524	

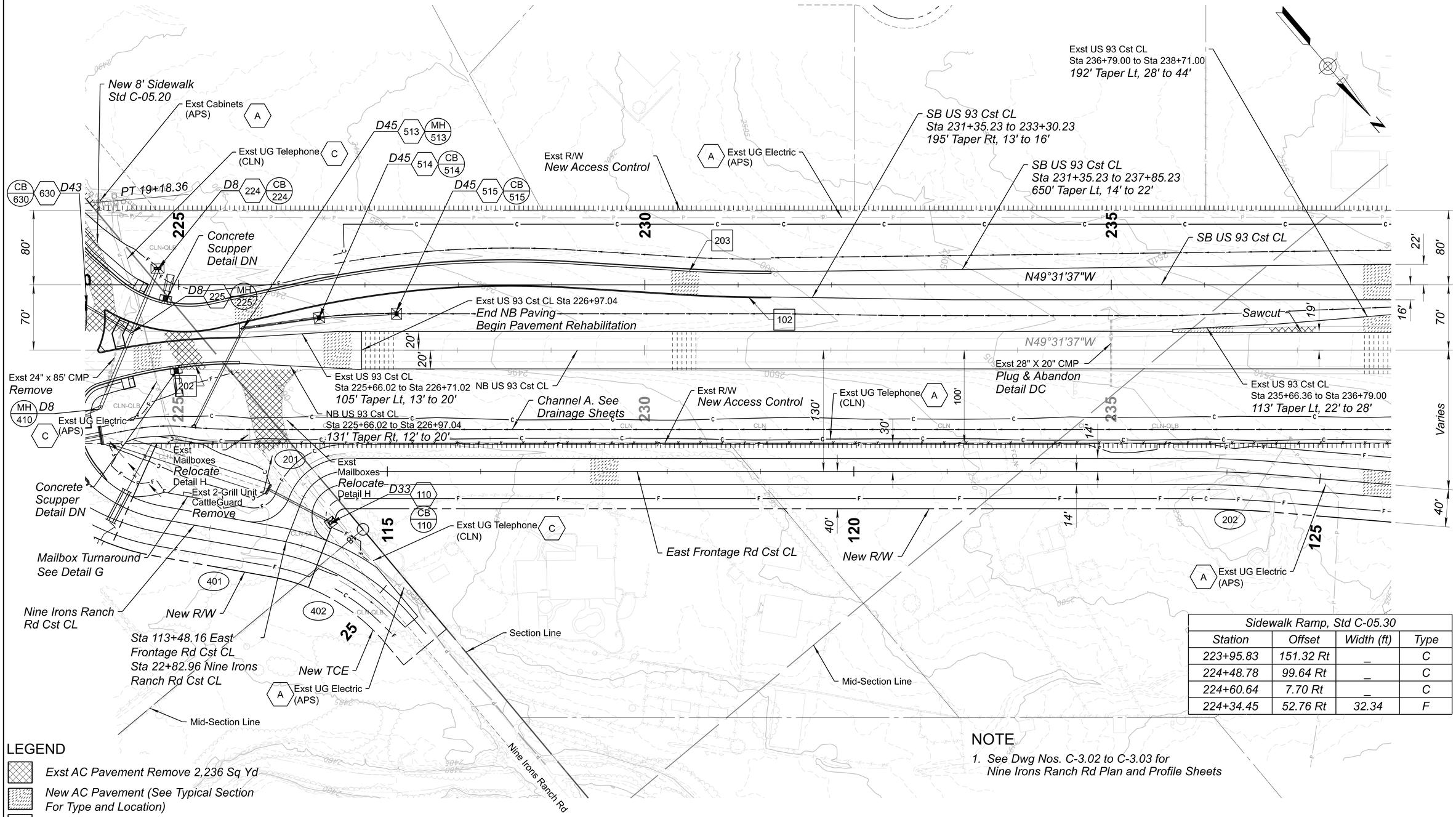
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. C-3.16

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Sidewalk Ramp, Std C-05.30			
Station	Offset	Width (ft)	Type
223+95.83	151.32 Rt	_	C
224+48.78	99.64 Rt	_	C
224+60.64	7.70 Rt	_	C
224+34.45	52.76 Rt	32.34	F

LEGEND

- Exst AC Pavement Remove 2,236 Sq Yd
- New AC Pavement (See Typical Section For Type and Location)
- Existing AC Pavement Mill

NOTE

1. See Dwg Nos. C-3.02 to C-3.03 for Nine Irons Ranch Rd Plan and Profile Sheets

UTILITY DISPOSITION SHEETS LEGEND

- A To Remain in Service - Protect-In-Place
- B Contractor to Relocate, Remove, or Reset
- C To Be Relocated or Removed by Others
- D To Be Constructed By Others

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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Registered Professional Engineer (Civil)
26609
DALE
WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
PLAN SHEET
SB US 93 STA 224+00 TO STA 238+00
E FRONTAGE RD STA 112+00 TO STA 126+00

ROUTE	US 93
MILEPOST	189.9
STRUCTURE NO.	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	164	524	

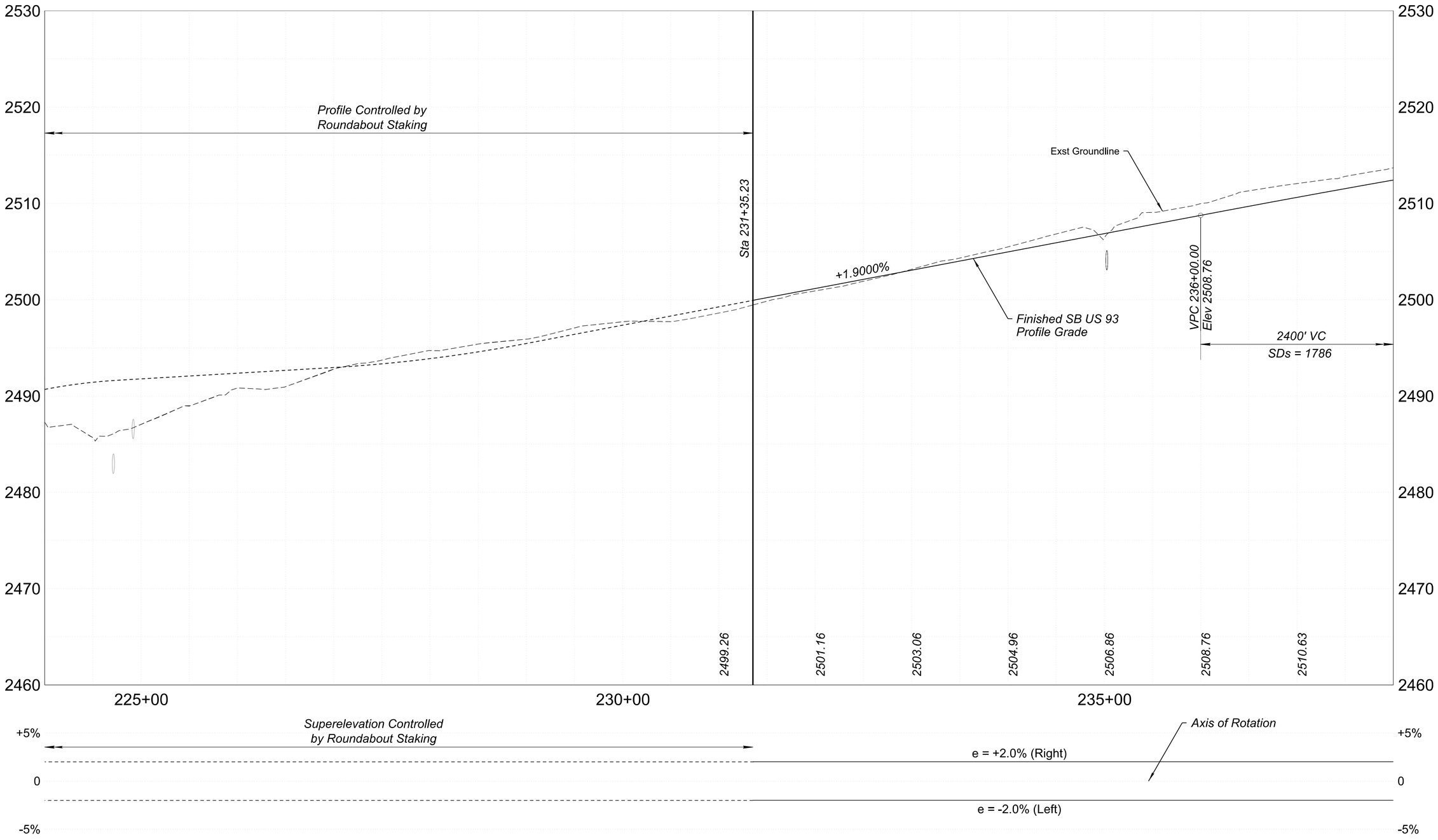
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-3.17

TRACS NO. F0738 01C

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Registered Professional Engineer
26609
DALE
WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

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ROADWAY DESIGN SERVICES

PROFILE SHEET
SB STA 224+00 TO STA 238+00

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	165	524	

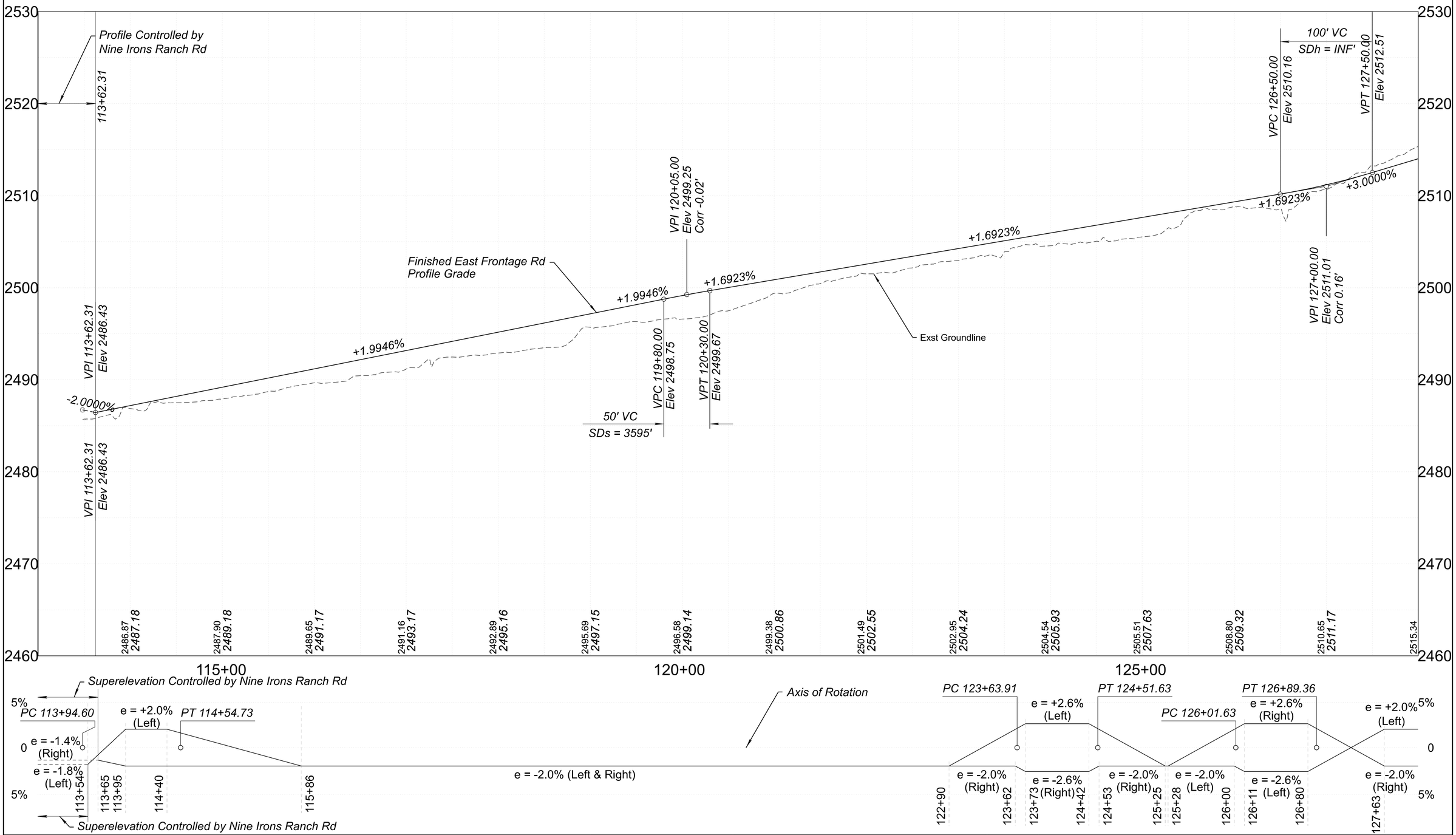
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-3.18

TRACS NO. F0738 01C

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

Registered Professional Engineer Certificate 26609 DALE WIGGINS Date Signed 06/26/26 ARIZONA, U.S.A.

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ROADWAY DESIGN SERVICES

PROFILE SHEET
E FRONTAGE RD STA 112+00 TO STA 127+00

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	166	524	

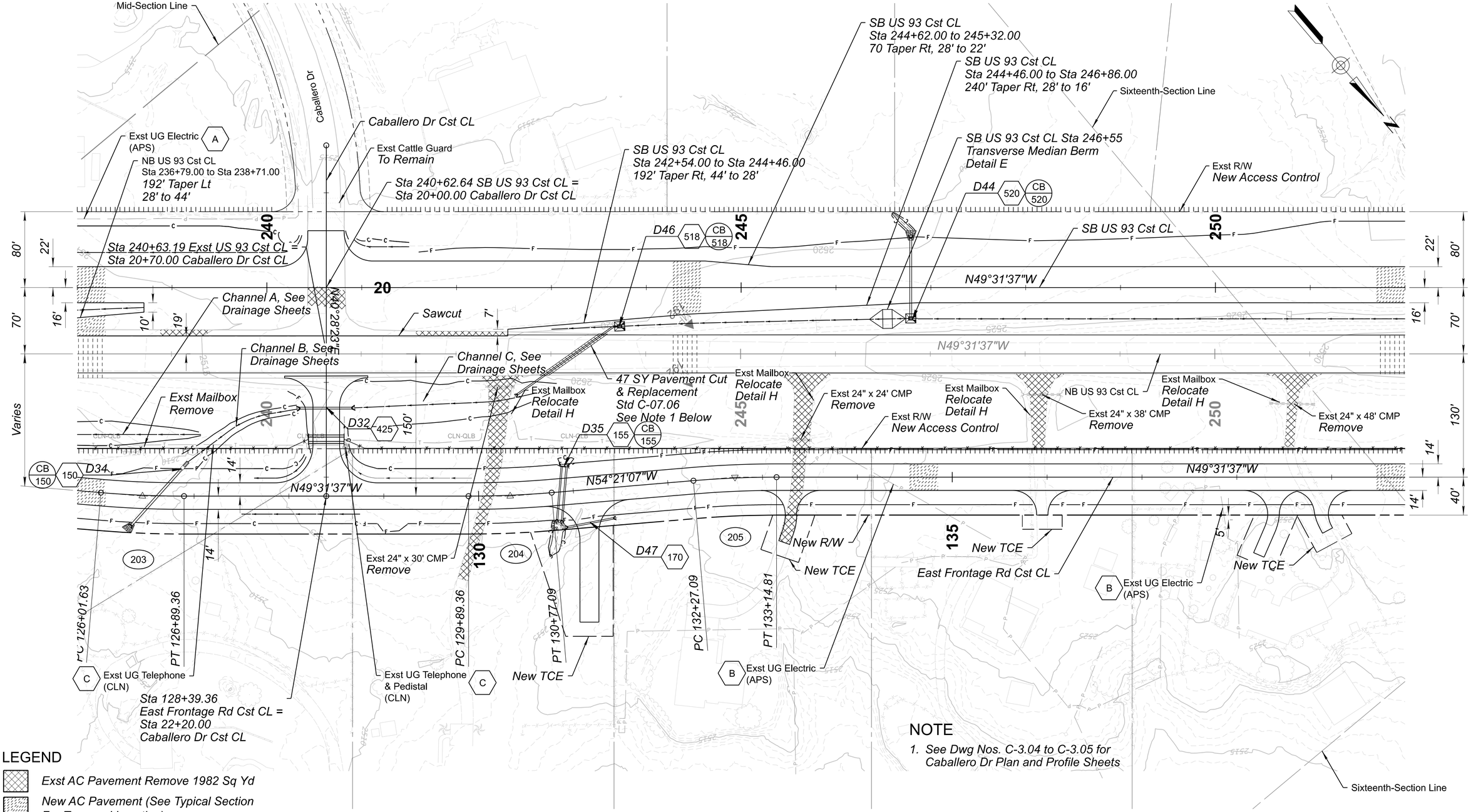
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-3.19

TRACS NO. F0738 01C

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LEGEND

- *Exst AC Pavement Remove 1982 Sq Yd*
- *New AC Pavement (See Typical Section For Type and Location)*
- *Existing AC Pavement Mill*

NOTE

1. *See Dwg Nos. C-3.04 to C-3.05 for Caballero Dr Plan and Profile Sheets*

UTILITY DISPOSITION SHEETS LEGEND

- (A) *To Remain in Service - Protect-In-Place*
- (B) *Contractor to Relocate, Remove, or Reset*
- (C) *To Be Relocated or Removed by Others*
- (D) *To Be Constructed By Others*

Note:

1. *No measurement or payment will be made for the removal and replacement of the pavement, the cost being considered as included in the price of the contract items.*

Registered Professional Engineer — 26609 DALE WIGGINS — Date Signed (Electronic) — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

PLAN SHEET
SB US 93 STA 238+00 TO STA 252+00
E FRONTAGE RD STA 126+00 TO STA 140+00

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	167	524	
MILEPOST 189.9						
STRUCTURE NO.						

F.H.W.A. Arizona Division

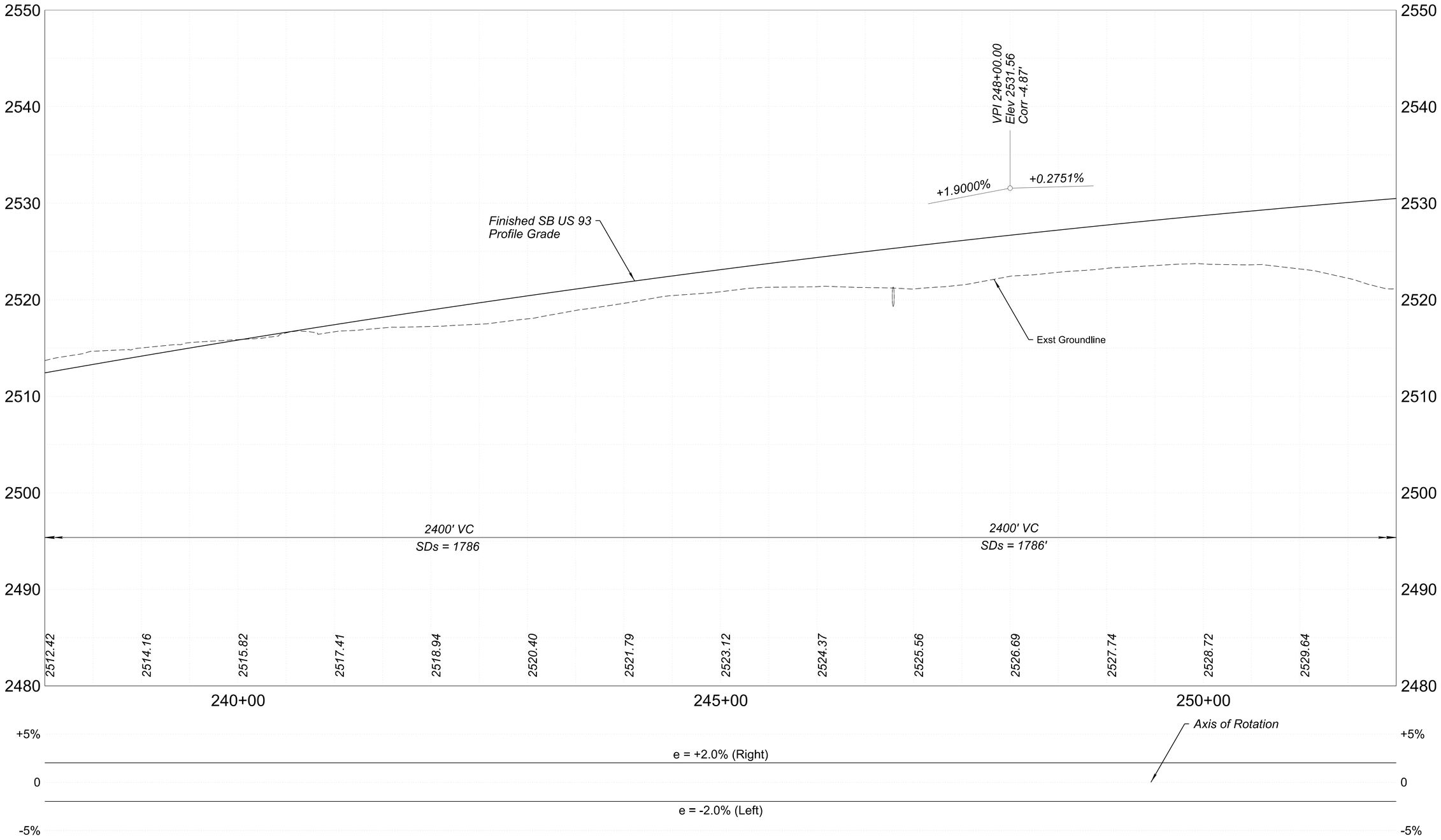
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-3.20

TRACS NO. F0738 01C

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

Registered Professional Engineer — Certified Engineer — Civil — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

TRANSPORTATION
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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PROFILE SHEET
SB STA 238+00 TO STA 252+00

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	168	524	

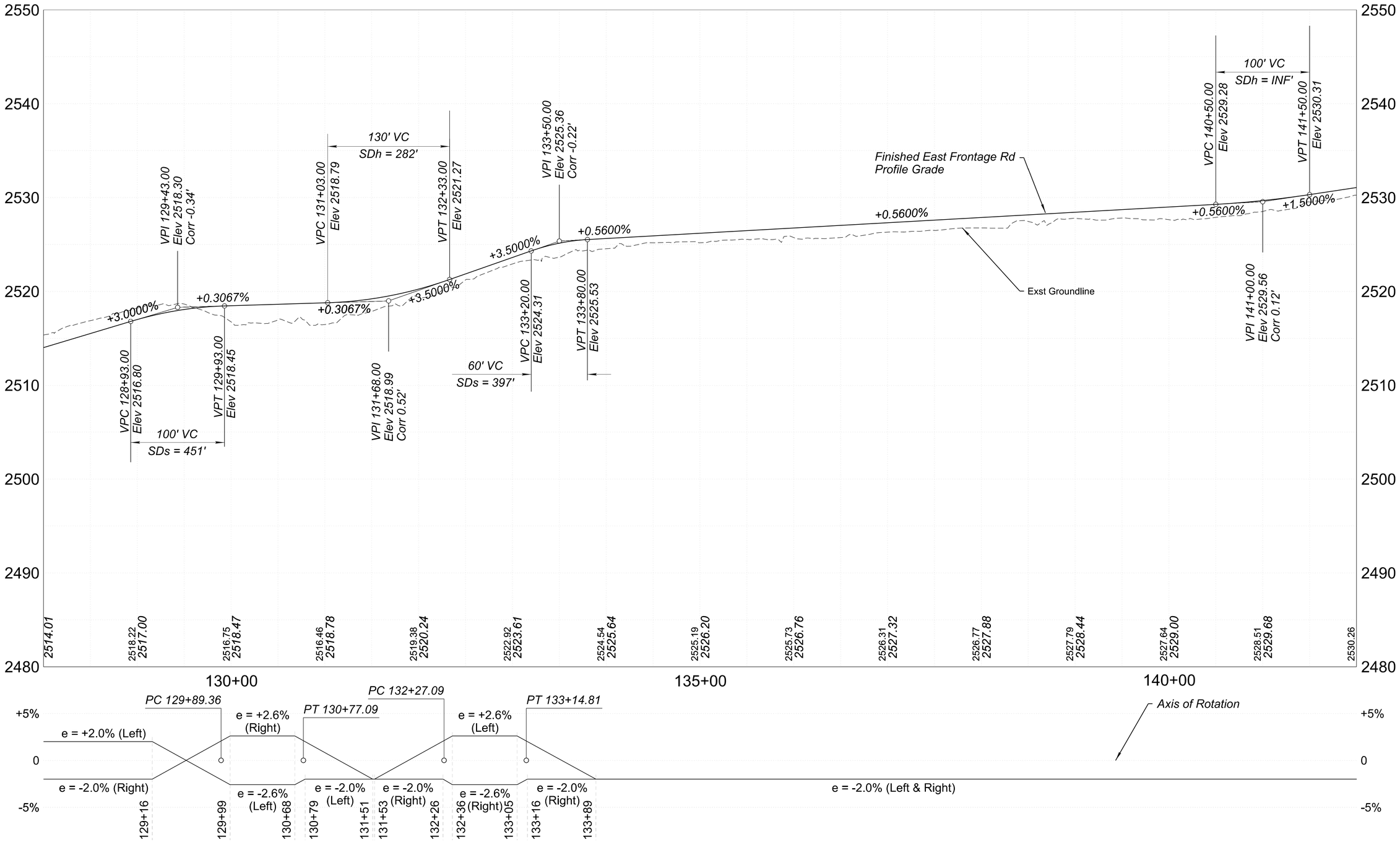
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-3.21

TRACS NO. F0738 01C

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

Registered Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PROFILE SHEET
E FRONTAGE RD STA 127+00 TO STA 141+00

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	169	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-3.22
TRACS NO. F0738 01C
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SB US 93 Cst CL Sta 252+32
Transverse Median Berm
Detail E

D44 525 CB 525

Exst R/W
New Access Control

SB US 93 Cst CL Sta 259+99
Transverse Median Berm
Detail E

D44 526 CB 526

SB US 93 Cst CL

MH 260 D9

N49°31'37"W

NB US 93 Cst CL

PE 261 D9

Exst Mailbox
Relocate
Detail H

Exst R/W
New Access Control

Exst 24" x 30" CMP
Remove

New TCE

New R/W

New TCE

New TCE

New TCE

East Frontage Rd Cst CL

Sixteenth-Section Line

Sixteenth-Section Line

255 260 265 140 145 150

80' 22' 70' 16' 130' 14' 40' 14'

LEGEND

- Exst AC Pavement Remove 169 Sq Yd
- Exst Concrete Driveway Removal 1335 Sq Yd
- New AC Pavement (See Typical Section For Type and Location)
- Existing AC Pavement Mill

UTILITY DISPOSITION SHEETS LEGEND

- A To Remain in Service - Protect-In-Place
- B Contractor to Relocate, Remove, or Reset
- C To Be Relocated or Removed by Others
- D To Be Constructed By Others

Registered Professional Engineer
26609
DALE WIGGINS
Date Signed
ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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

PLAN SHEET
SB US 93 STA 252+00 TO STA 266+00
E FRONTAGE RD STA 140+00 TO STA 154+00

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	170	524	

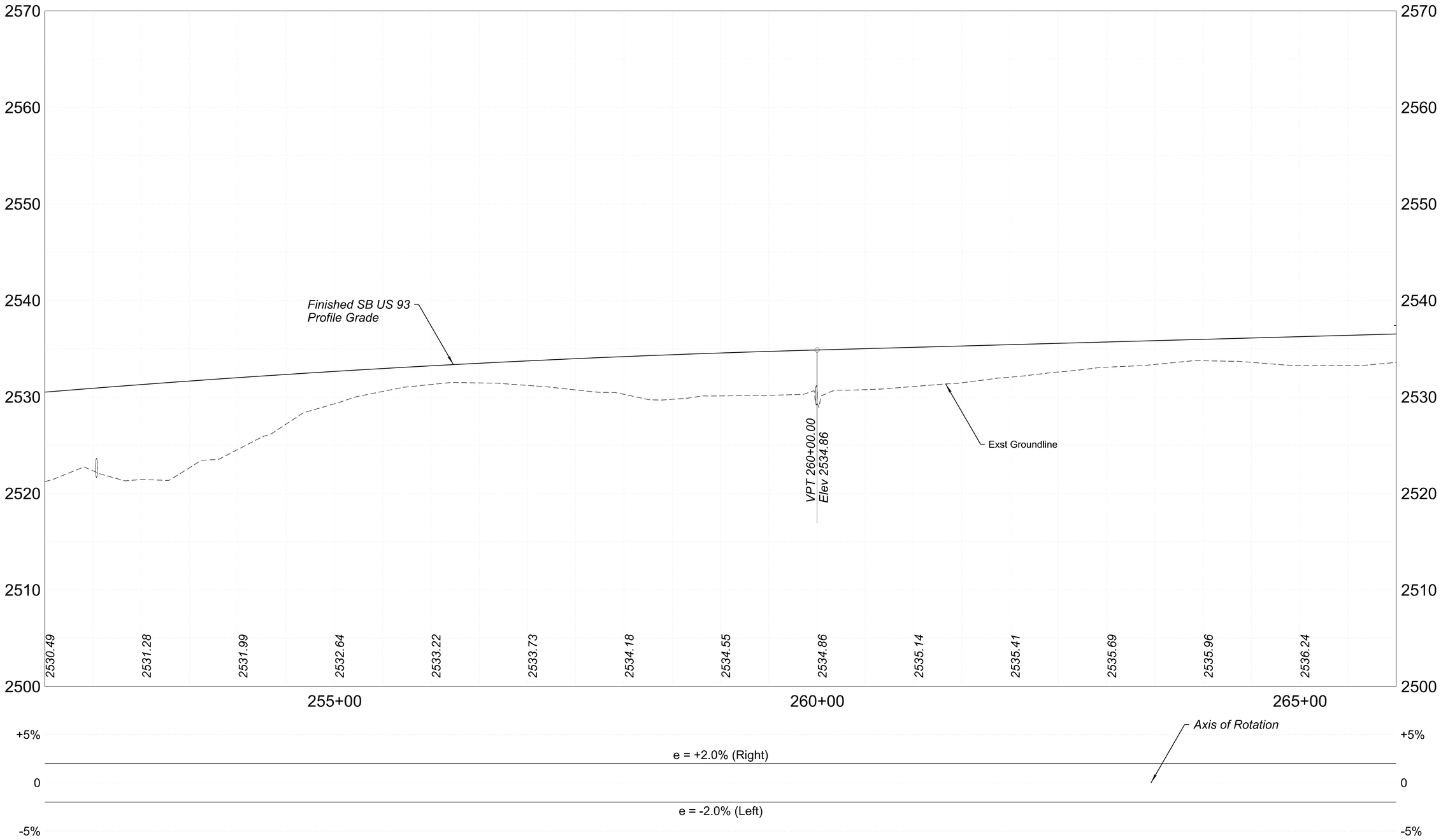
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-3.23

TRACS NO. F0738 01C

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

Registered Professional Engineer — 26609 — DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PROFILE SHEET
SB STA 252+00 TO STA 266+00

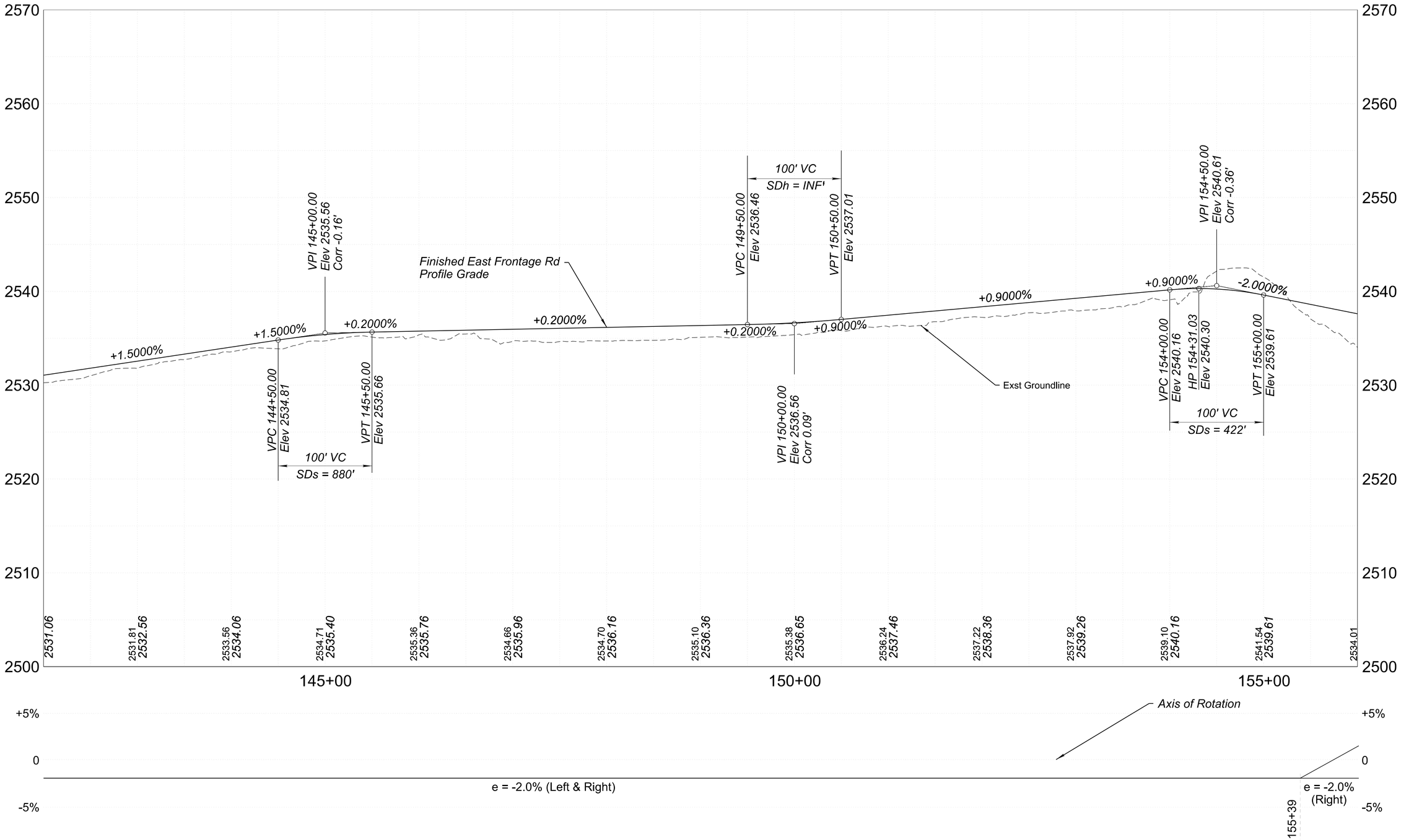
ROUTE: US 93
MILEPOST: 189.9
STRUCTURE NO.:

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	171	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-3.24
TRACS NO. F0738 01C
____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

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

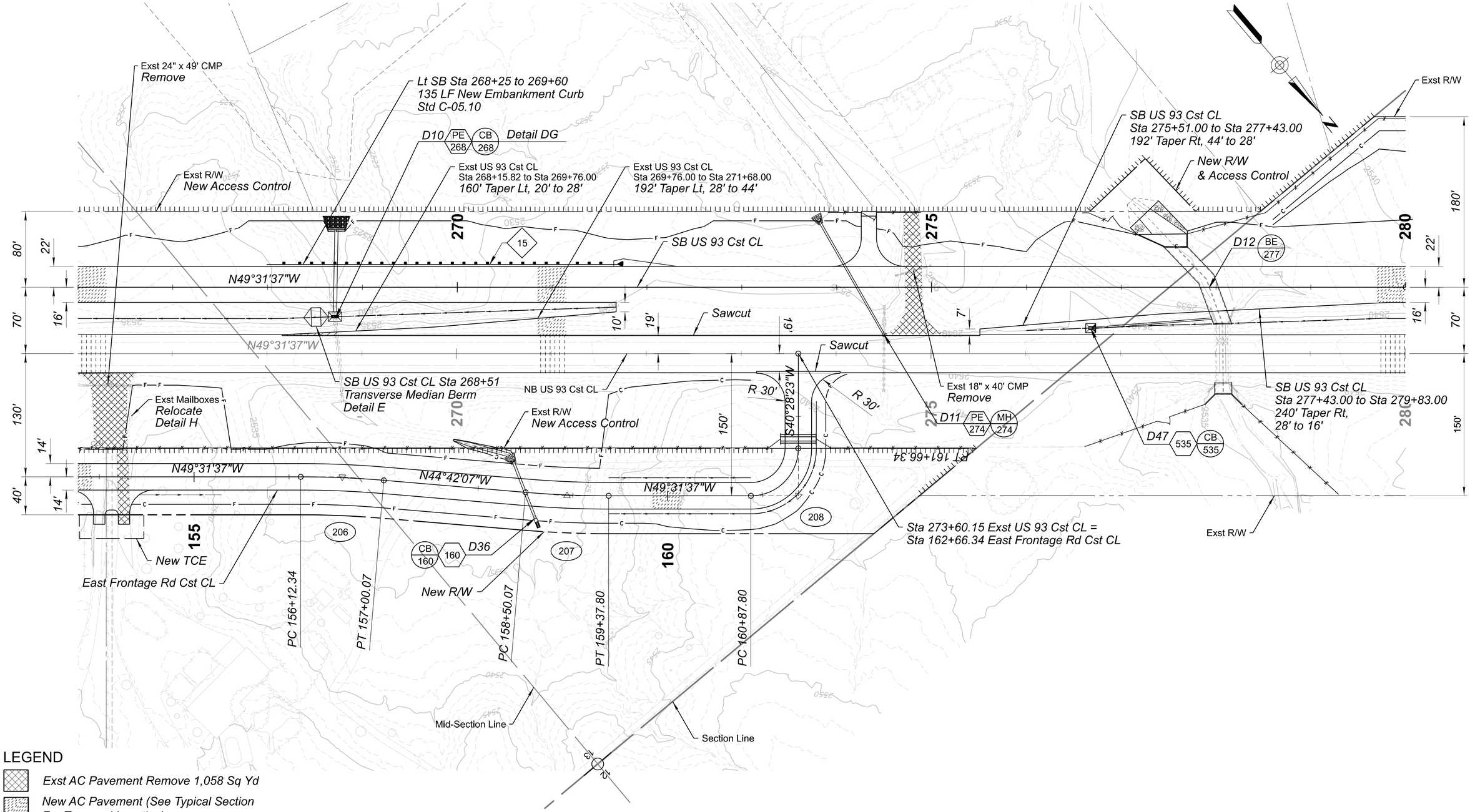
PROFILE SHEET
E FRONTAGE RD STA 141+00 TO STA 155+00

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	172	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-3.25
TRACS NO. F0738 01C
____ OF____

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LEGEND

- *Exst AC Pavement Remove 1,058 Sq Yd*
- *New AC Pavement (See Typical Section For Type and Location)*
- *Existing AC Pavement Mill*

UTILITY DISPOSITION SHEETS LEGEND

- A *To Remain in Service - Protect-In-Place*
- B *Contractor to Relocate, Remove, or Reset*
- C *To Be Relocated or Removed by Others*
- D *To Be Constructed By Others*

Registered Professional Engineer — 26609 DALE WIGGINS — Date Signed: 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

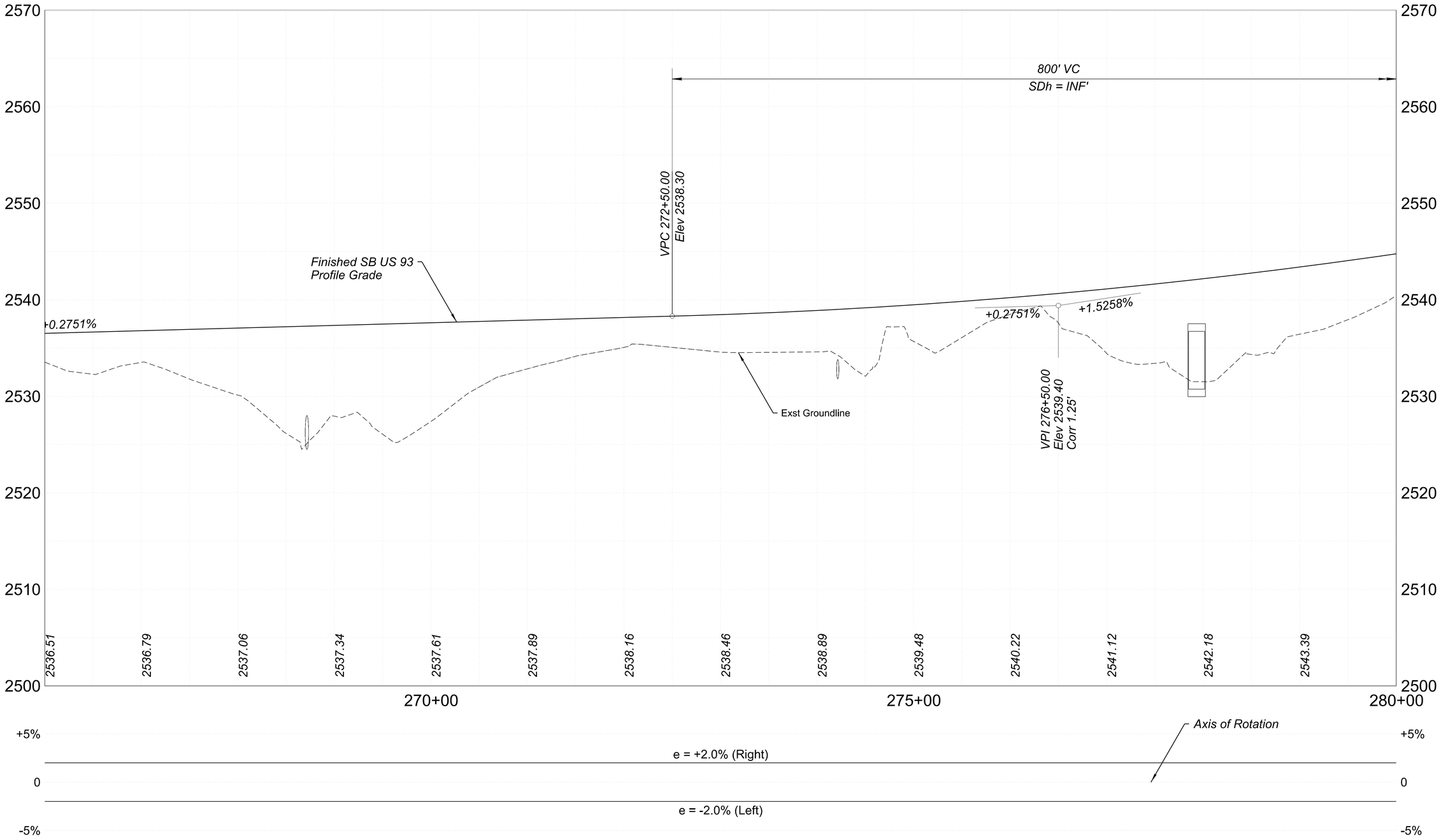
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ROADWAY DESIGN SERVICES

PLAN SHEET
SB US 93 STA 266+00 TO STA 280+00
E FRONTAGE RD STA 154+00 TO STA 161+66

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	173	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. C-3.26	
STRUCTURE NO.	TRACS NO. F0738 01C					____ OF ____	

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

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PROFILE SHEET
SB STA 266+00 TO STA 280+00

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	174	524	

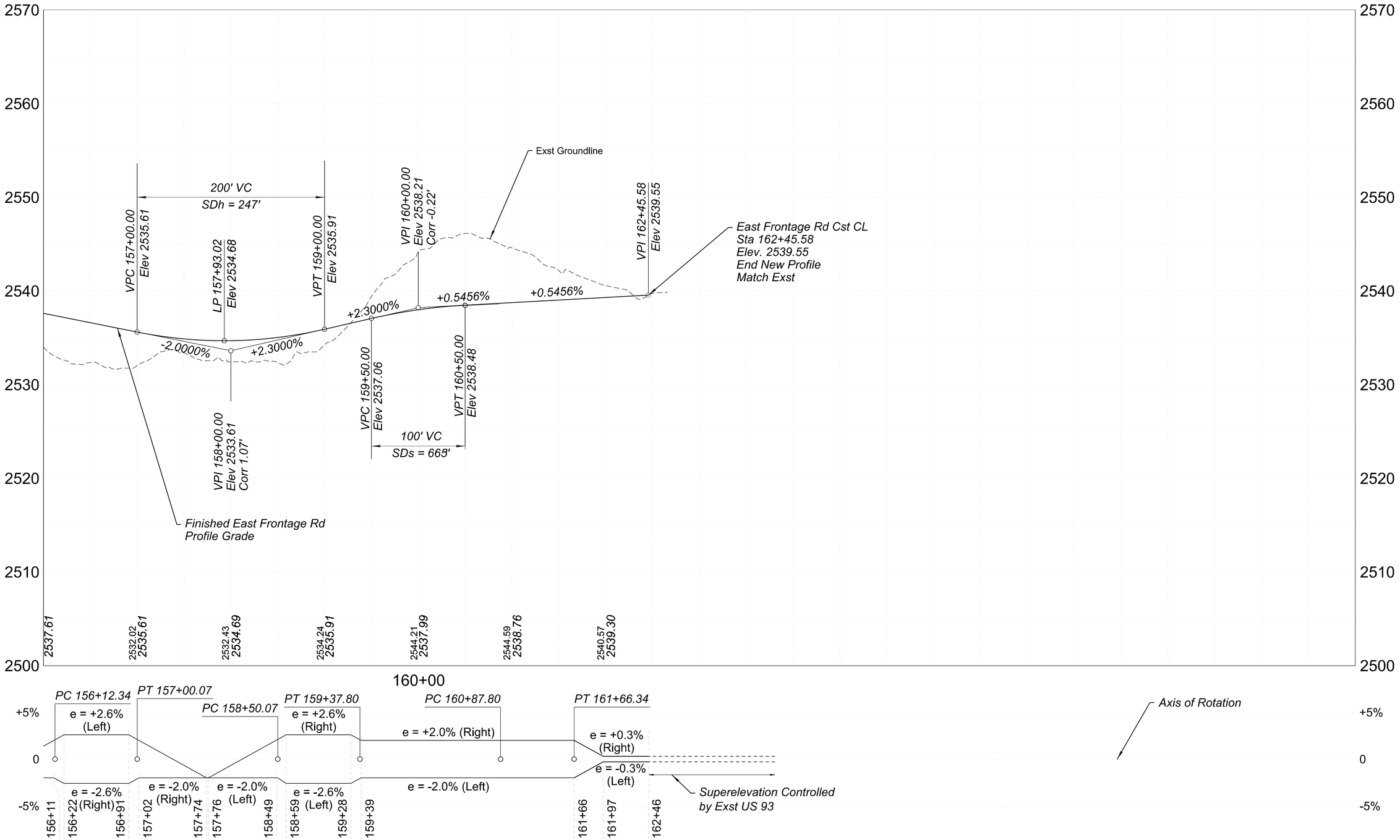
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-3.27

TRACS NO. F0738 01C

____ OF____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

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PROFILE SHEET
E FRONTAGE RD STA 155+00 TO STA 161+66

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	175	524	

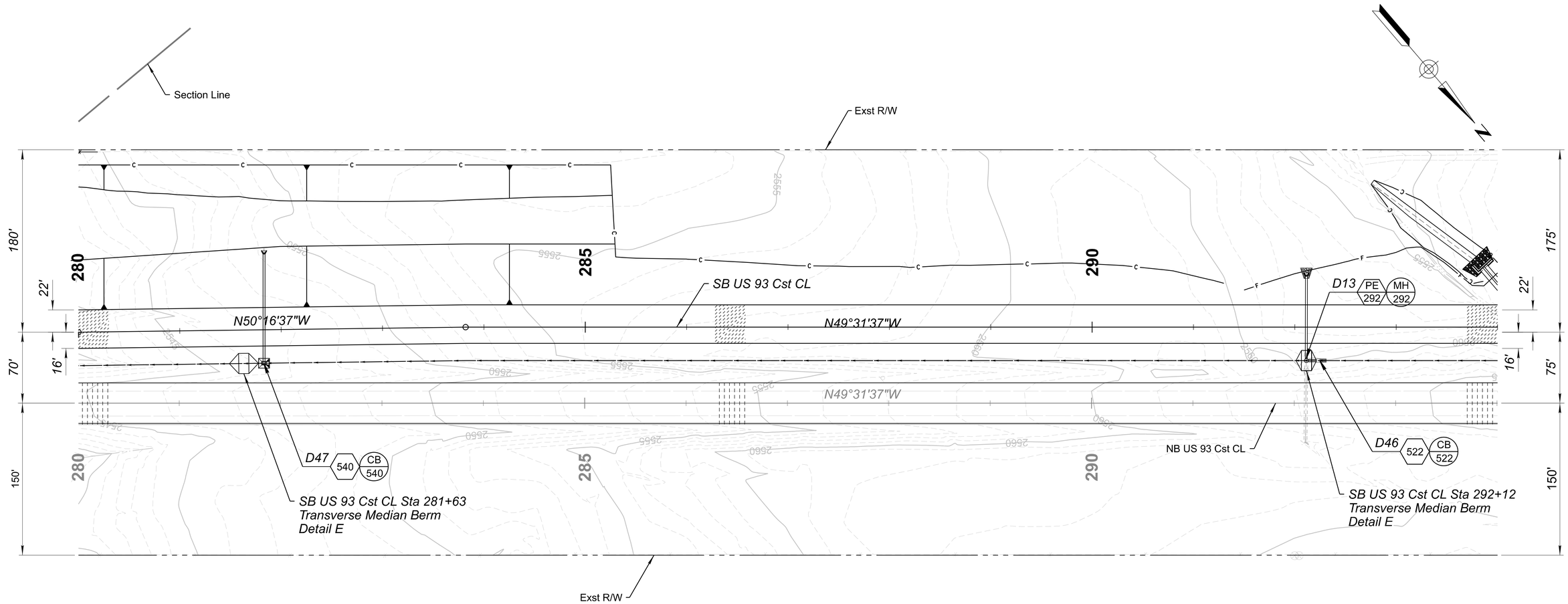
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-3.28

TRACS NO. F0738 01C

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LEGEND

New AC Pavement (See Typical Section For Type and Location)

Existing AC Pavement Mill

UTILITY DISPOSITION SHEETS LEGEND

- A — *To Remain in Service - Protect-In-Place*
- B — *Contractor to Relocate, Remove, or Reset*
- C — *To Be Relocated or Removed by Others*
- D — *To Be Constructed By Others*

Registered Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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PLAN SHEET
SB US 93 STA 280+00 TO STA 294+00

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	176	524	

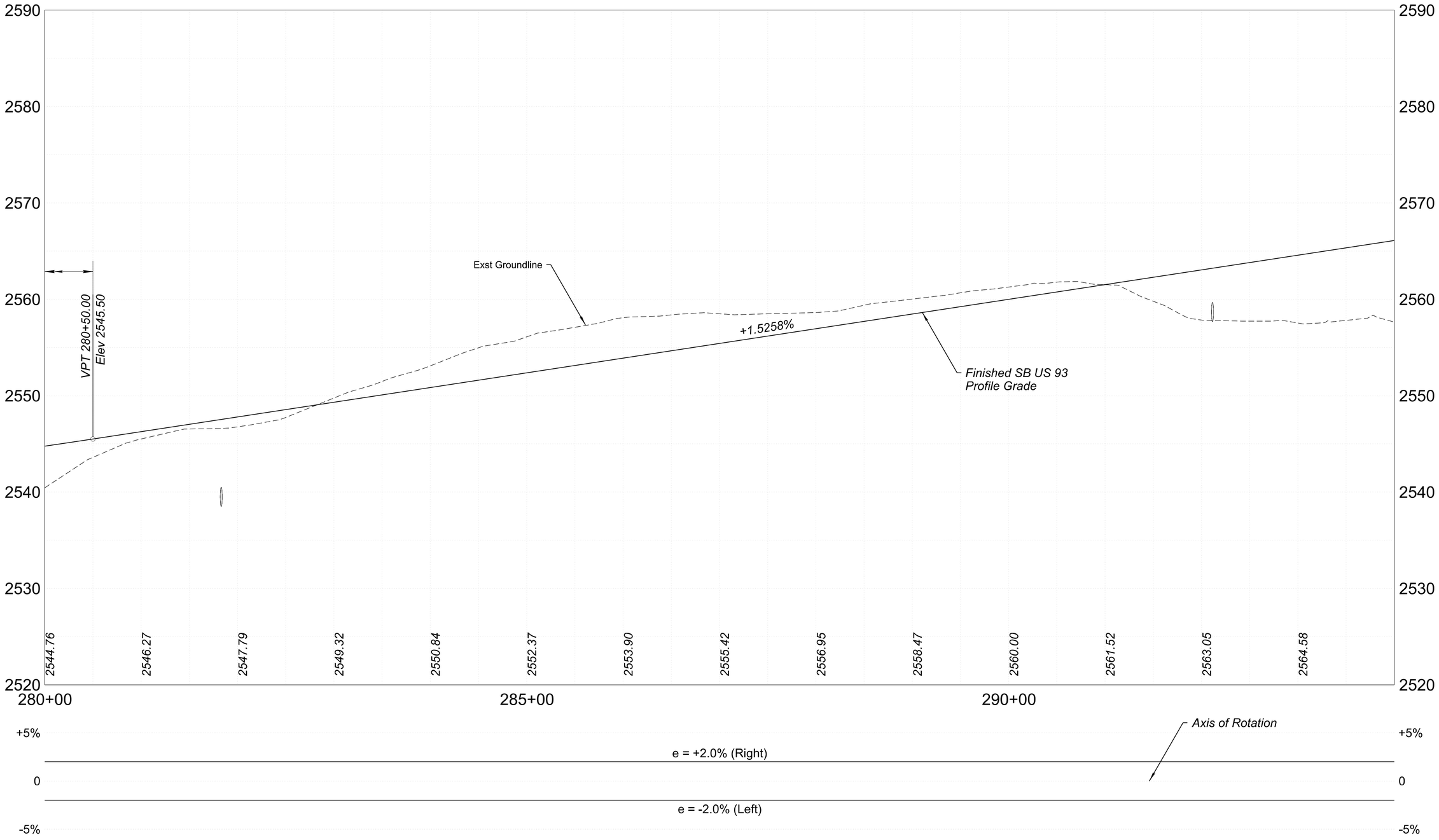
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-3.29

TRACS NO. F0738 01C

____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

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Registered Professional Engineer Certificate
26609
DALE WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

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

PROFILE SHEET
SB STA 280+00 TO STA 294+00

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	177	524	

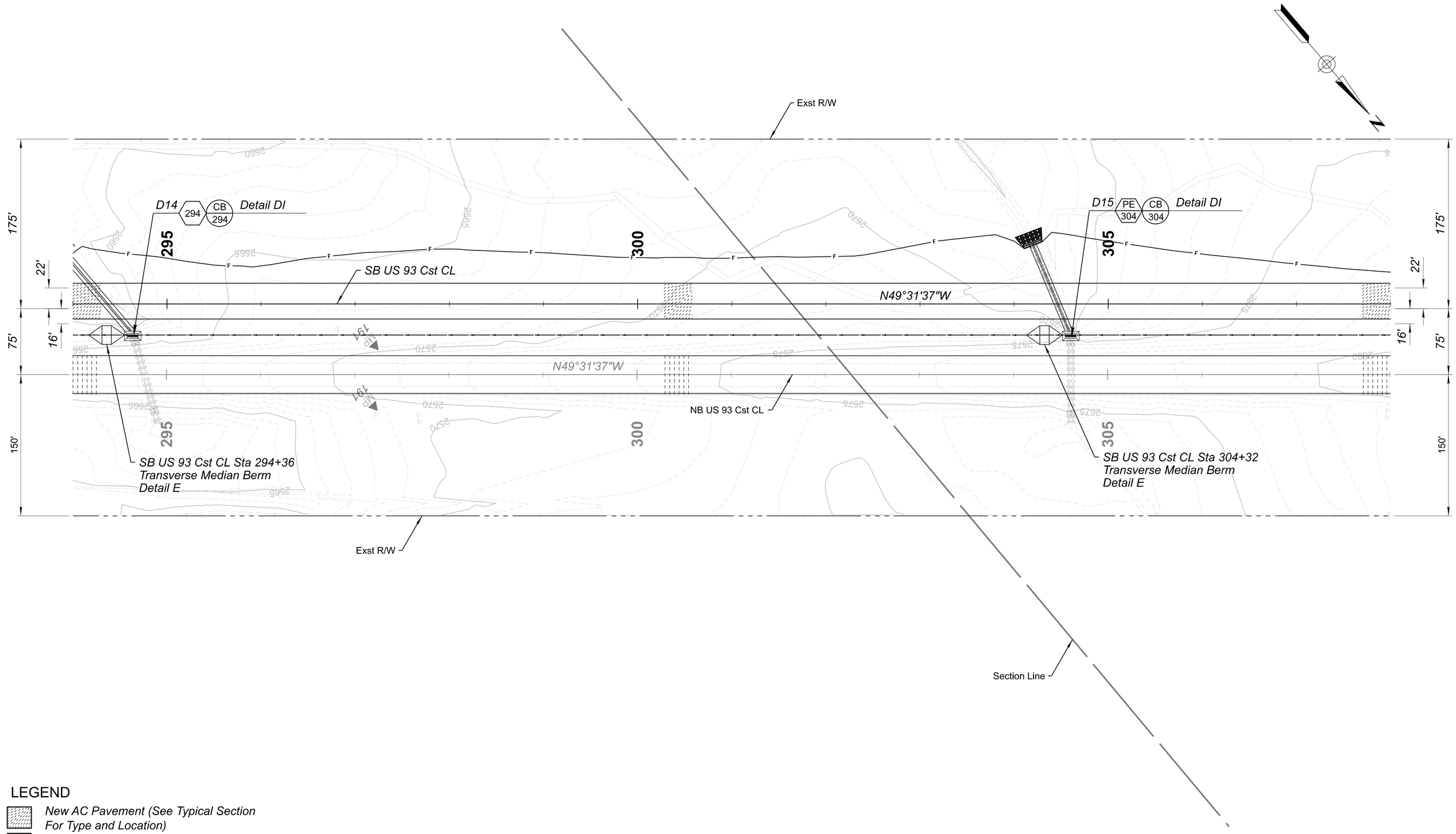
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-3.30

TRACS NO. F0738 01C

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LEGEND

New AC Pavement (See Typical Section For Type and Location)

Existing AC Pavement Mill

UTILITY DISPOSITION SHEETS LEGEND

- A — *To Remain in Service - Protect-In-Place*
- B — *Contractor to Relocate, Remove, or Reset*
- C — *To Be Relocated or Removed by Others*
- D — *To Be Constructed By Others*

Registered Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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PLAN SHEET
SB US 93 STA 294+00 TO STA 308+00

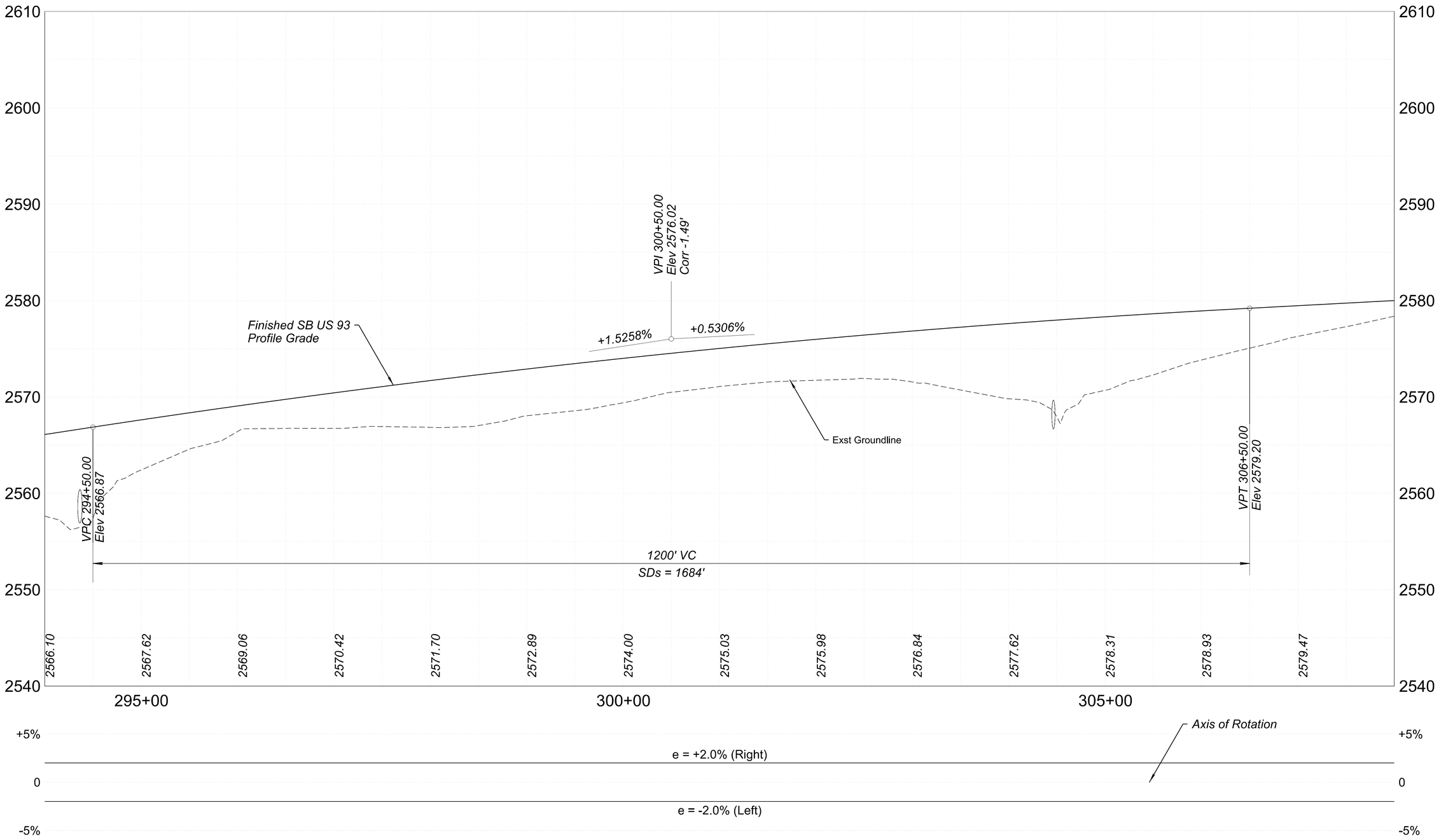
ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	178	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE — DWG No. C-3.31

TRACS NO. F0738 01C — ____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

Registered Professional Engineer (Civil) 26609 DALE WIGGINS Date Signed 06/26/26 ARIZONA, U.S.A.

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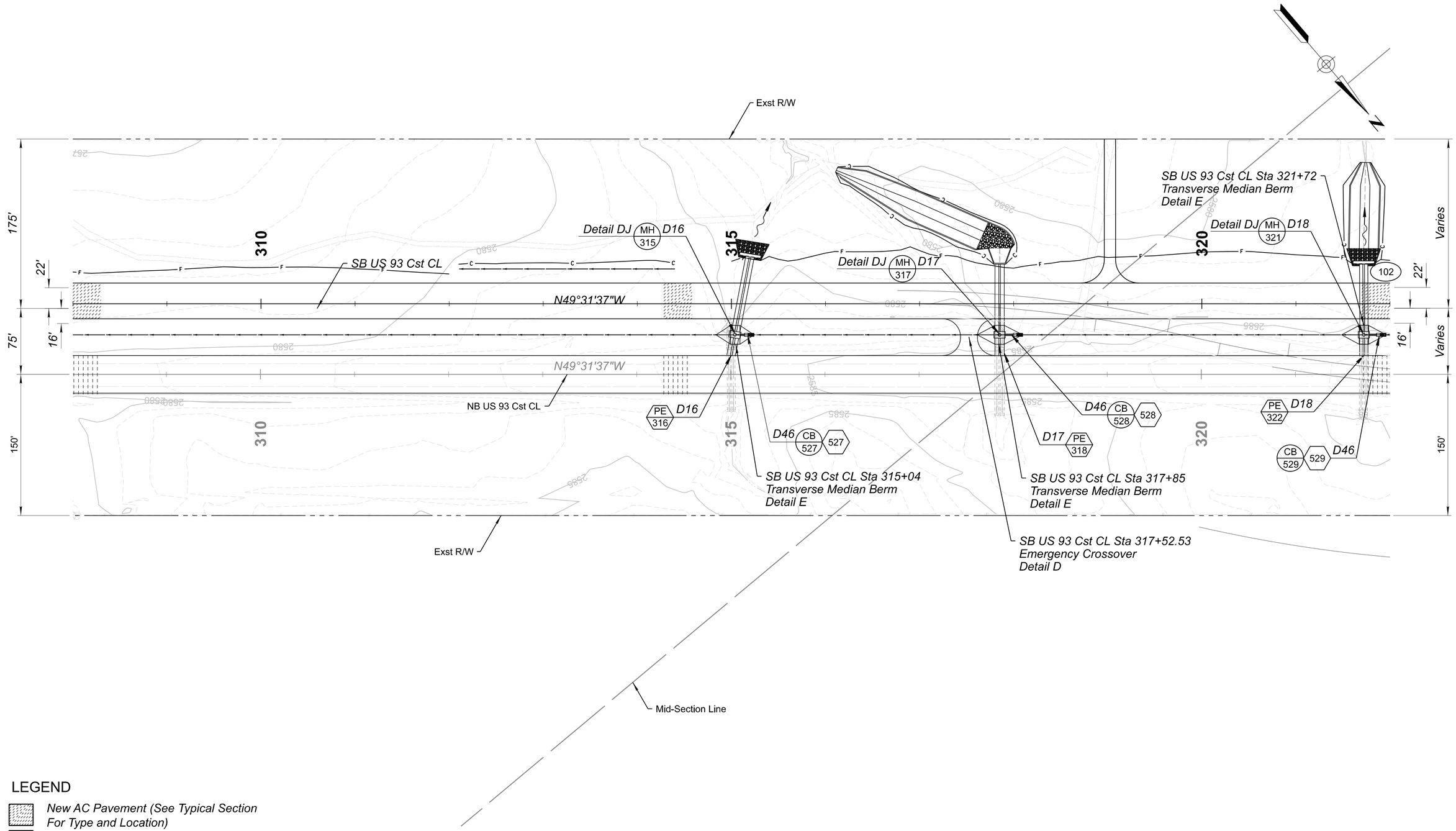
PROFILE SHEET
SB STA 294+00 TO STA 308+00

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	179	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-3.32
TRACS NO. F0738 01C
____ OF ____

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LEGEND

- *New AC Pavement (See Typical Section For Type and Location)*
- *Existing AC Pavement Mill*

UTILITY DISPOSITION SHEETS LEGEND

- A — *To Remain in Service - Protect-In-Place*
- B — *Contractor to Relocate, Remove, or Reset*
- C — *To Be Relocated or Removed by Others*
- D — *To Be Constructed By Others*

Registered Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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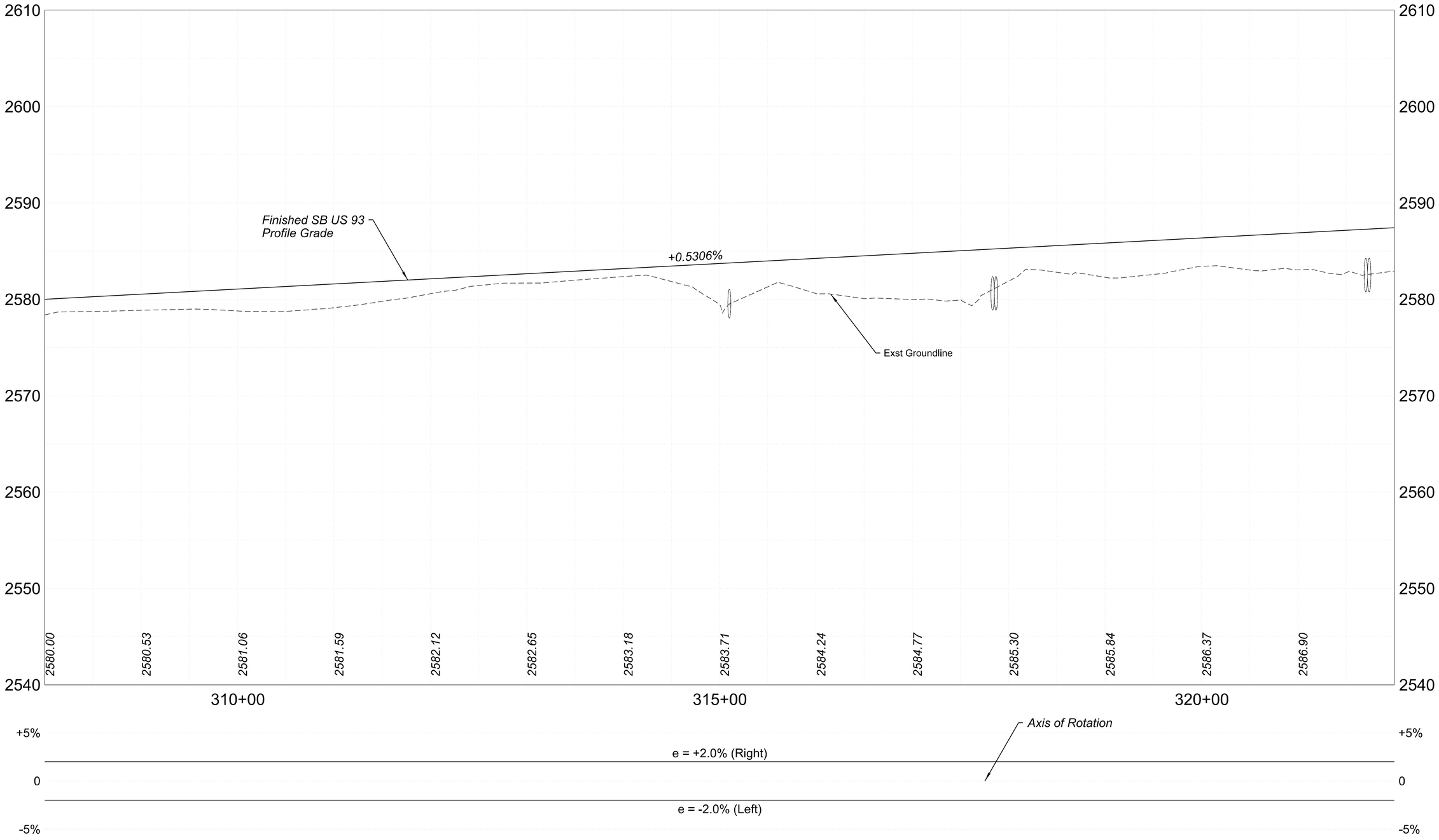
PLAN SHEET
SB US 93 STA 308+00 TO STA 322+00

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	180	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-3.33
TRACS NO. F0738 01C
____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

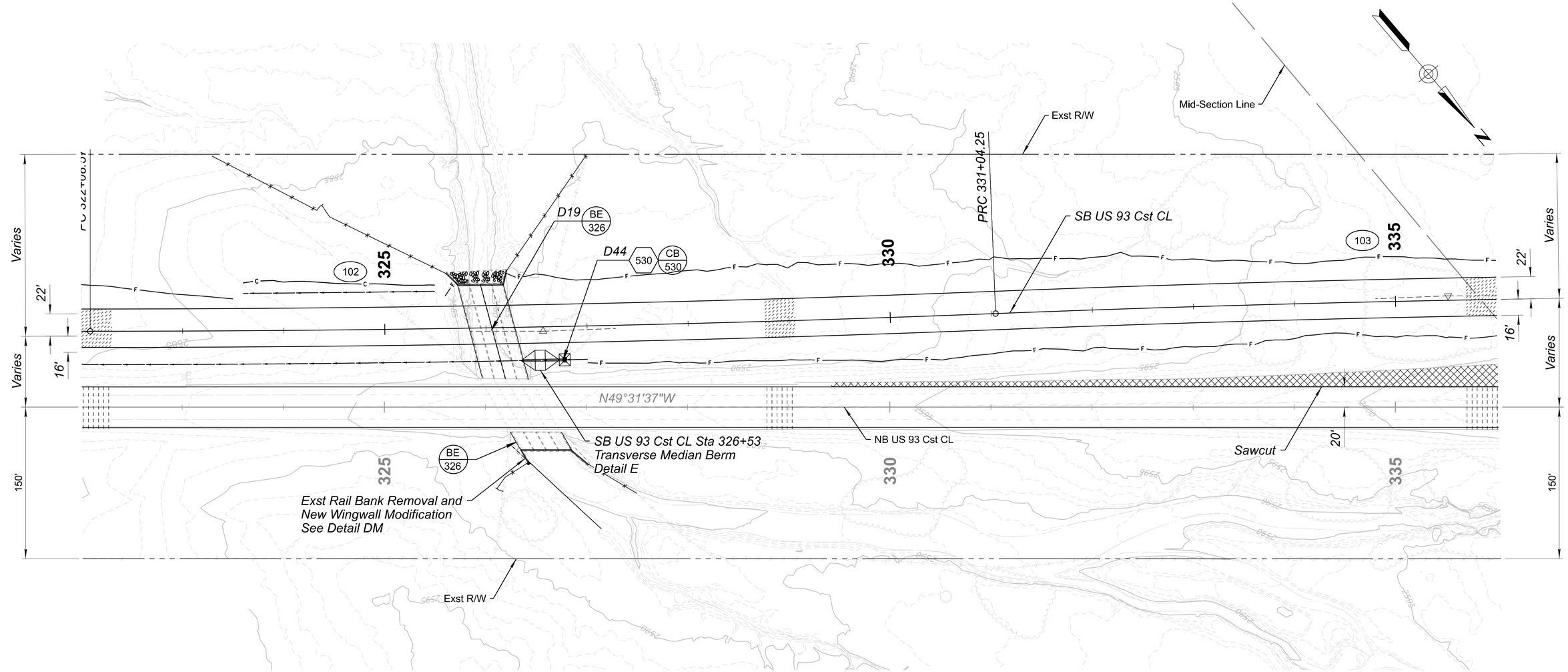
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PROFILE SHEET
SB STA 308+00 TO STA 322+00

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	181	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. C-3.34
	TRACS NO. F0738 01C					____ OF____

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LEGEND

- *Exst AC Pavement Remove 744 Sq Yd*
- *New AC Pavement (See Typical Section For Type and Location)*
- *Existing AC Pavement Mill*

UTILITY DISPOSITION SHEETS LEGEND

- (A) *To Remain in Service - Protect-In-Place*
- (B) *Contractor to Relocate, Remove, or Reset*
- (C) *To Be Relocated or Removed by Others*
- (D) *To Be Constructed By Others*

Registered Professional Engineer — 26609 — DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

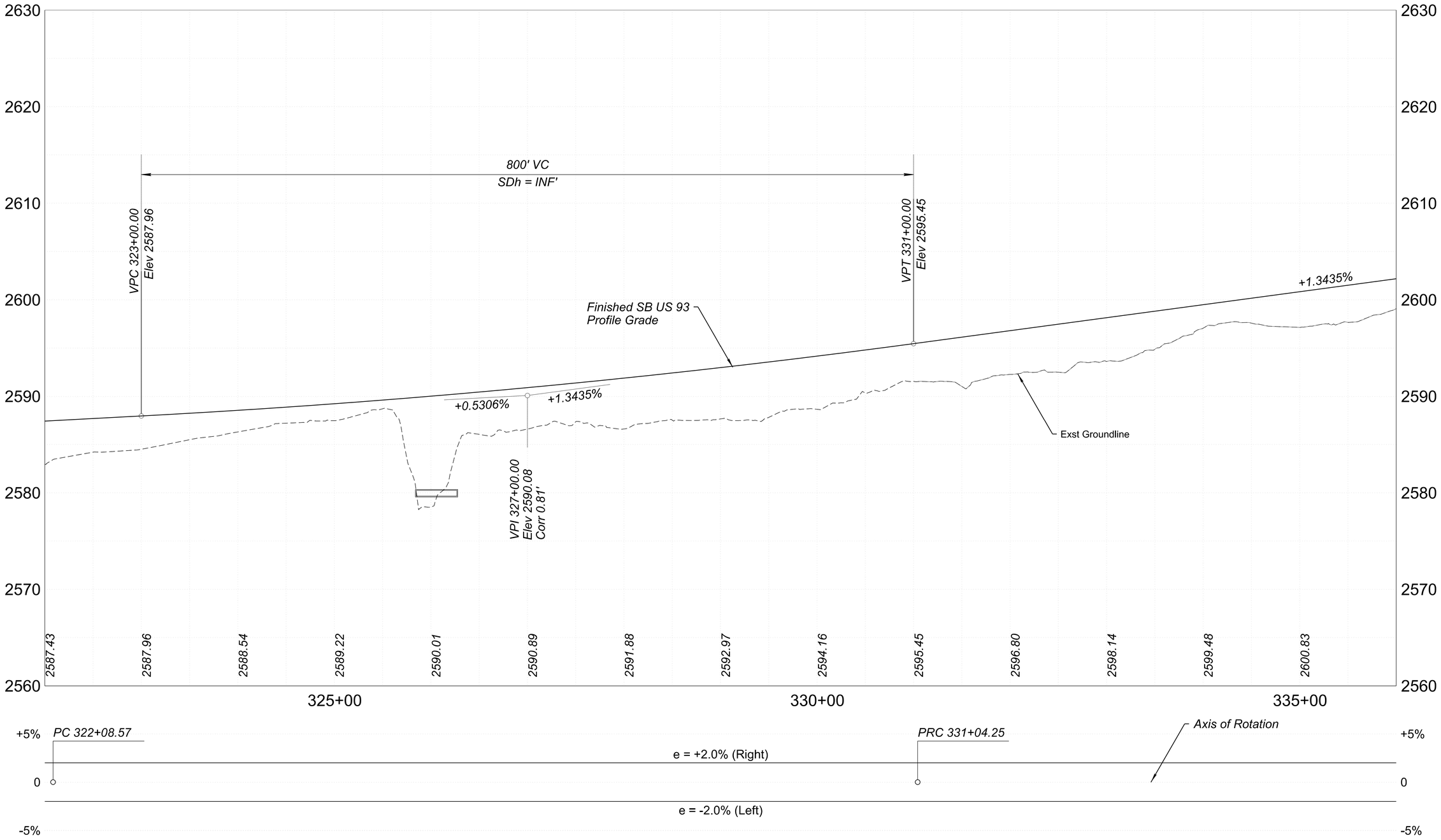
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ROADWAY DESIGN SERVICES

PLAN SHEET
SB US 93 STA 322+00 TO STA 336+00

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	182	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. C-3.35
	TRACS NO. F0738 01C					____ OF____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

Registered Professional Engineer — 26609 — DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A. — CIVIL

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PROFILE SHEET
SB STA 322+00 TO STA 336+00

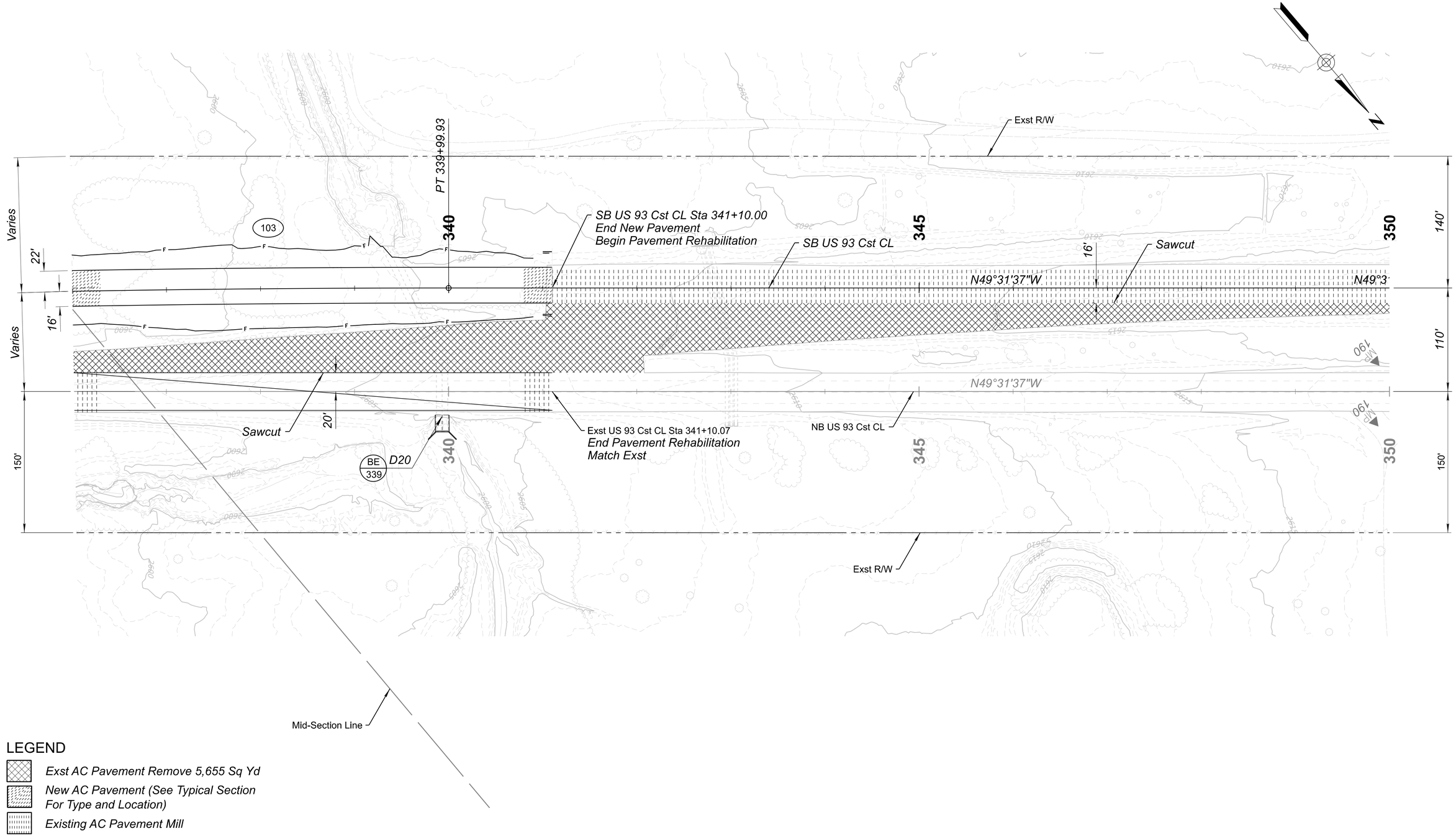
ROUTE: US 93
MILEPOST: 189.9
STRUCTURE NO.:

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	183	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-3.36
TRACS NO. F0738 01C
____ OF ____

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LEGEND

- *Exst AC Pavement Remove 5,655 Sq Yd*
- *New AC Pavement (See Typical Section For Type and Location)*
- *Existing AC Pavement Mill*

UTILITY DISPOSITION SHEETS LEGEND

- A — *To Remain in Service - Protect-In-Place*
- B — *Contractor to Relocate, Remove, or Reset*
- C — *To Be Relocated or Removed by Others*
- D — *To Be Constructed By Others*

Registered Professional Engineer (Civil) 26609 DALE WIGGINS Date Signed 06/26/26 ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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ROADWAY DESIGN SERVICES

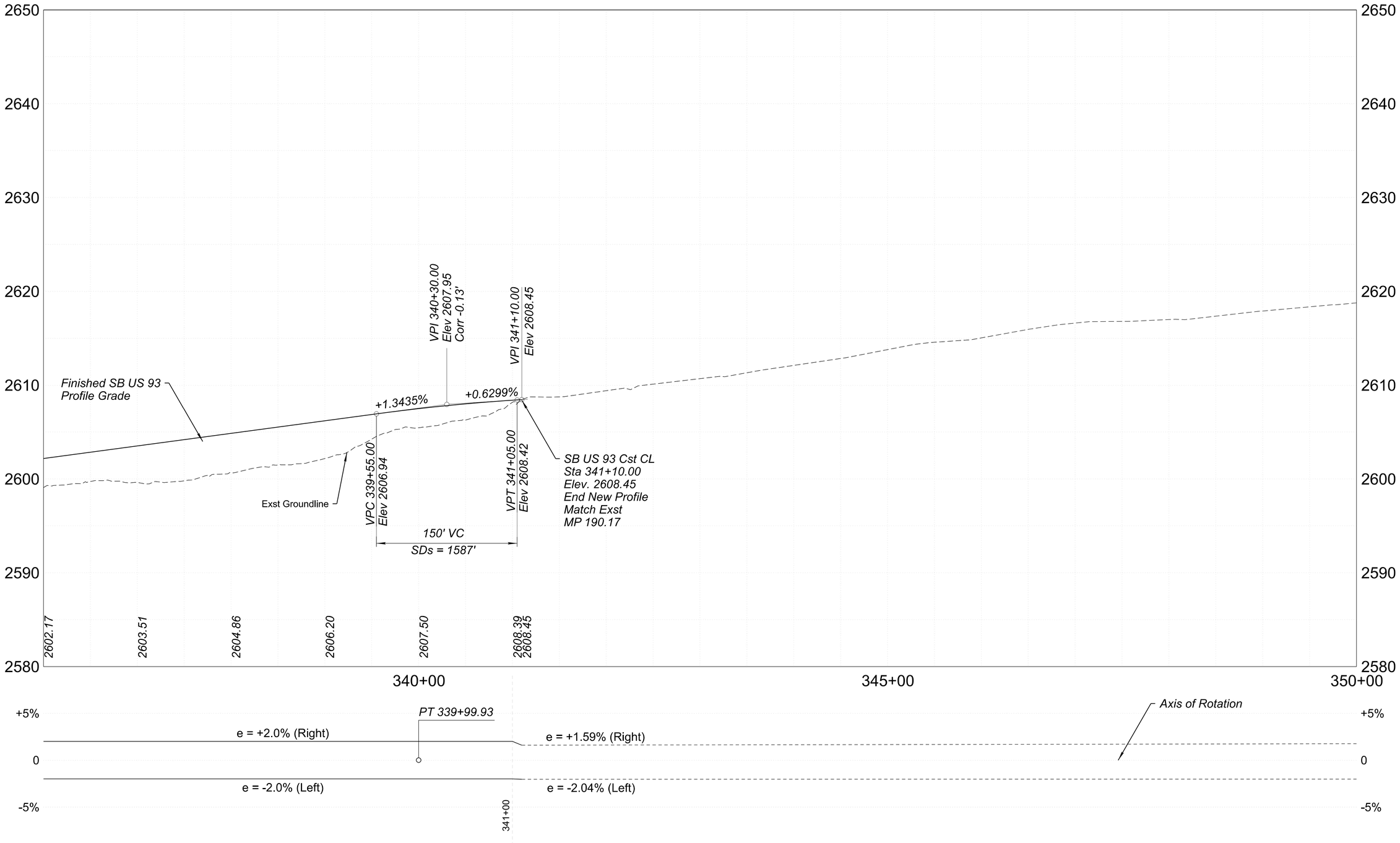
PLAN SHEET
SB US 93 STA 336+00 TO STA 350+00

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	184	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-3.37
TRACS NO. F0738 01C
____ OF____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

Professional Engineer Certificate 26609 DALE WIGGINS Date Signed 06/26/26 ARIZONA, U.S.A.

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PROFILE SHEET
SB STA 336+00 TO STA 350+00

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	185	524	

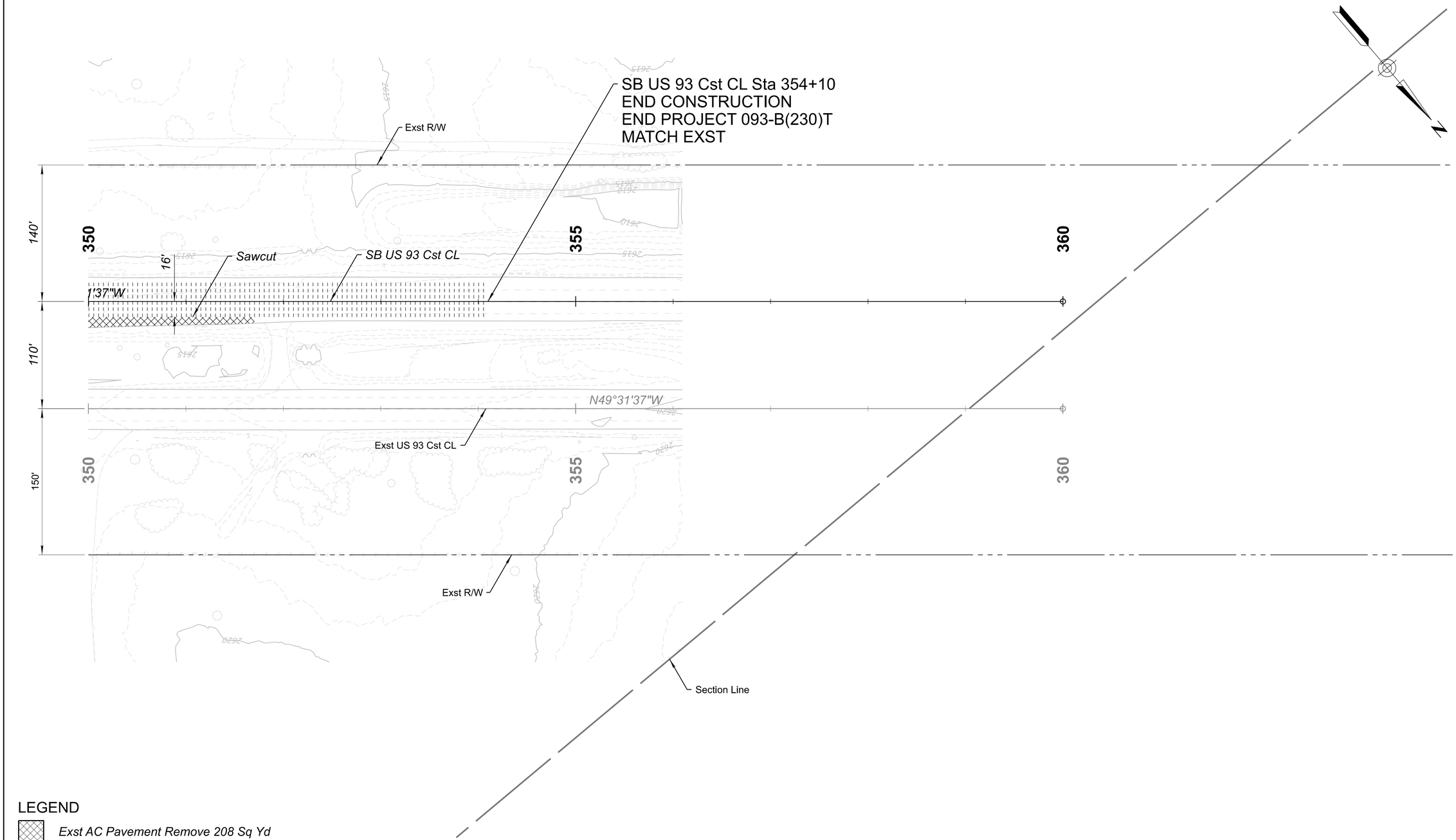
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-3.38

TRACS NO. F0738 01C

____ OF____

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LEGEND

Exst AC Pavement Remove 208 Sq Yd

Existing AC Pavement Mill

UTILITY DISPOSITION SHEETS LEGEND

- A — *To Remain in Service - Protect-In-Place*
- B — *Contractor to Relocate, Remove, or Reset*
- C — *To Be Relocated or Removed by Others*
- D — *To Be Constructed By Others*

Professional Engineer — Civil — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

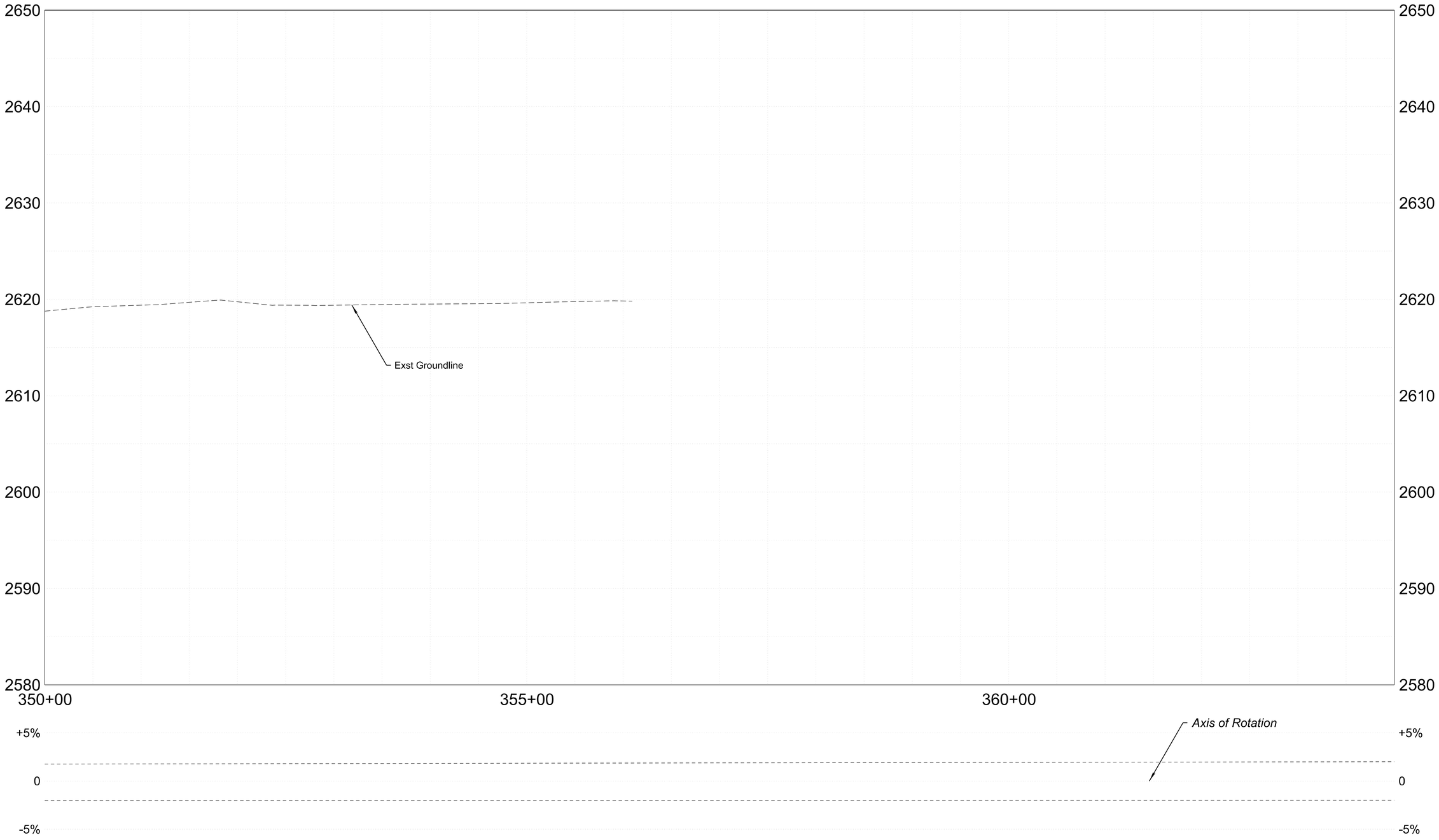
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PLAN SHEET
SB US 93 STA 350+00 TO STA 354+10

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	186	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. C-3.39
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

Registered Professional Engineer (Civil)
26609
DALE WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

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

PROFILE SHEET
SB STA 350+00 TO STA 354+10

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	187	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-3.40

TRACS NO. F0738 01C

____ OF____

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	188	524	

093 YV 189

New R/W

Matthie Ranch Rd

Exst R/W

US 93 Med Cst CL

PC 161+54.34

Exst US 93 Cst CL

Exst Century Link
Direct Buried Cable
Protect in Place

Exst R/W

Varies

Varies

Future SR 89 Cst CL

Exst US 89 Cst CL

PC 100+00.00

PT 104+77.88

PC 107+66.91

Exst R/W

Exst APS OH Power
Exst Century Link OH Tel
Protect in Place

PT 109+99.04

Exst Century Link
Fiber Optic Tel
Protect in Place

PC 111+99.04

RT Sta 488+57.21

New R/W

Section Line

NOTE:
See Dwg No. C-3.07 for US 93.

LEGEND:

Existing AC Pavement Removal Included in Dwg C-3.07

New AC Pavement (See Typical Section for Type and Location).

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
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Stanley Consultants INC.

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

SR 89
PLAN SHEET
STA 100+00 TO STA 114+00

Registered Professional Engineer (Civil)
DIANA B. KELLY
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-3.41
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	189	524	

093 YV 189

+10.0%

0%

-10.0%

106+00.00 106+85.00 112+00.00 113+05.00

+2.0% Lt Edge Profile Grade & Axis of Rotation +2.0% Rt Edge +2.0% Lt Edge

-2.0% Rt Edge -2.0% Lt Edge -2.0% Rt Edge

Elevations Controlled by Roundabout Staking

Elevations Controlled by Roundabout Staking

Future SR 89 Profile Grade

Sta 108+46.75

VPI 110+50.00
Elev = 2469.00
Corr = -3.54'

800' VC
SDs = 589'

+00.00

3.7209%

+50.00

400' VC
SDs = 349'

400' VC
SDs = 945'

+00.00

3.3636%

+50.00

VPI 102+33.05
Elev = 2445.95

+00.00

1.7032%

VPI 105+00.00
Elev = 2450.50
Corr = 0.83'

Exst Ground Line

Proposed 24" Storm Drain

Exst Century Link Telephone Line

Remove Exst 24" CMP

FUTURE SR 89 CST ℄
STA 108+45.75
BEGIN CONSTRUCTION

2480 2470 2460 2450 2440 2430

100 105 110

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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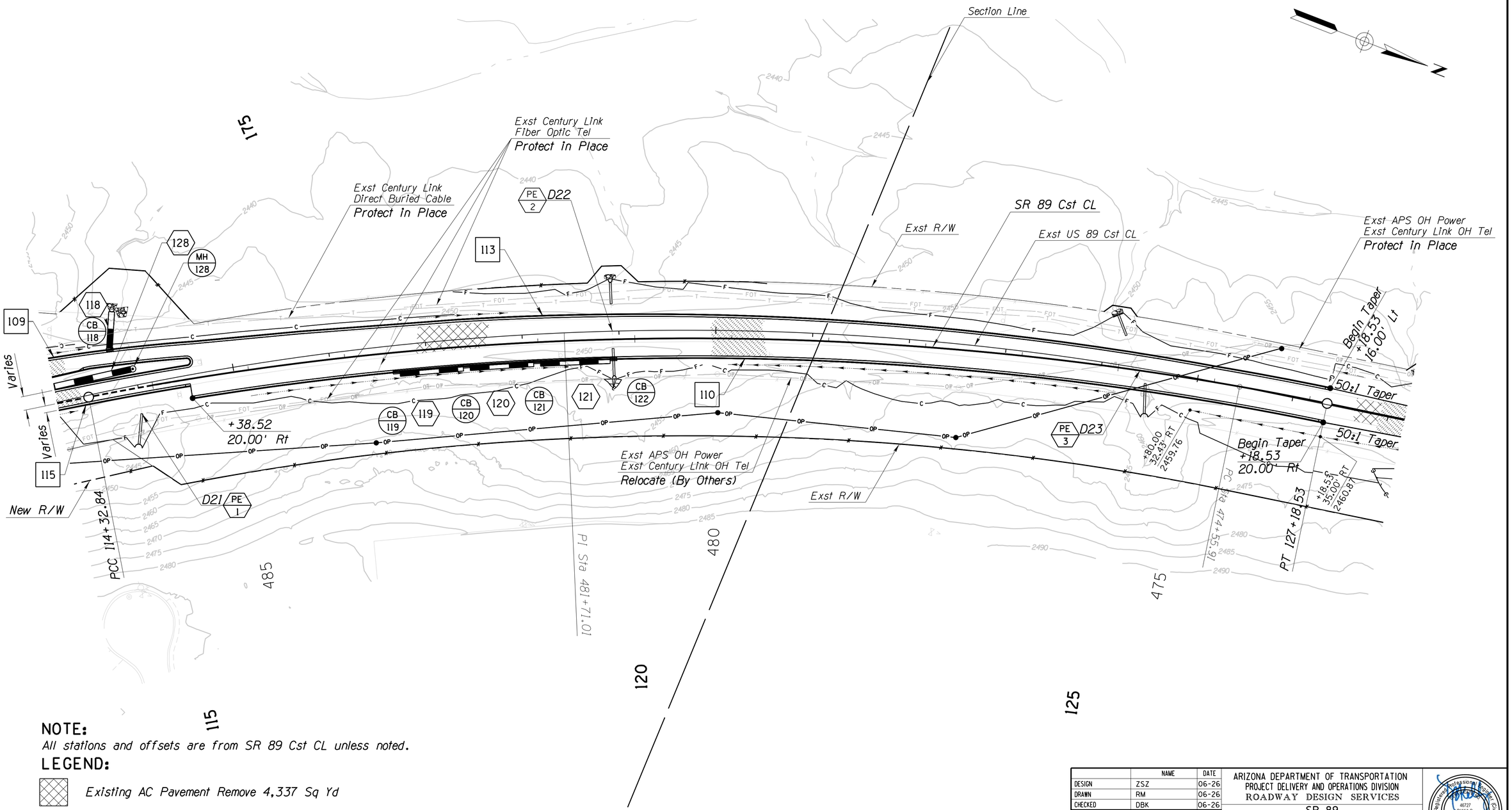
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

SR 89
PROFILE SHEET
STA 100+00 TO STA 114+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 04/09/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-3.42
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	190	524	
		093 YV 189			



NOTE:
All stations and offsets are from SR 89 Cst CL unless noted.

LEGEND:

Existing AC Pavement Remove 4,337 Sq Yd

New AC Pavement (See Typical Section for Type and Location).

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

SR 89
PLAN SHEET
STA 114+00 TO STA 128+00

Registered Professional Engineer (Civil)
46727
DIANA B KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-3.43
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	191	524	
		093 YV 189			

+10.0%
0%
-10.0%

+2.0% Lt Edge
-2.0% Rt Edge

127+18.53
127+90.00
-2.0% Lt & Rt Edge
Match Exst Pvmt

Elevations Controlled by
Roundabout Staking

2480
2470
2460
2450
2440
2430

800' VC
SDs=589'

POVC 115+38.52
Elev=2452.84

SR 89 Profile Grade

Exst Ground Line

+00.00

1.9506%

-3.7209%

600' VC
SDs=707'

-0.7003%

+20.00

PI 128+20.00
Elev=2466.66
Corr=1.99

PE 1
$Q_{D\ 25}$ = 13.0 CFS
HW_{25} = 2443.52
$Q_{D\ 100}$ = 17.0 CFS
HW_{100} = 2444.02

VPI 117+00.00
Elev=2444.81
Corr=5.67'

LP 118+24.86
Elev=2449.93

PE 2
$Q_{D\ 25}$ = 13.0 CFS
HW_{25} = 2448.84
$Q_{D\ 100}$ = 18.0 CFS
HW_{100} = 2449.67

Exst 24" CMP

$Q_{D\ 25}$ = 5.0 CFS
HW_{25} = 2456.18
$Q_{D\ 100}$ = 8.0 CFS
HW_{100} = 2456.51

PE 3

Exst 24" CMP

$Q_{D\ 25}$ = 1.6 CFS
HW_{25} = 2460.53
$Q_{D\ 100}$ = 2.2 CFS
HW_{100} = 2460.64

122

POVC 128+30.94
Elev=2464.79
See Treatment at
Begin/End Project
Dwg No. G-3.01

Proposed 24"
Storm Drain

Remove Exst 24" CMP

Exst Century Link Telephone Line

Exst 30" CMP

115 120 125

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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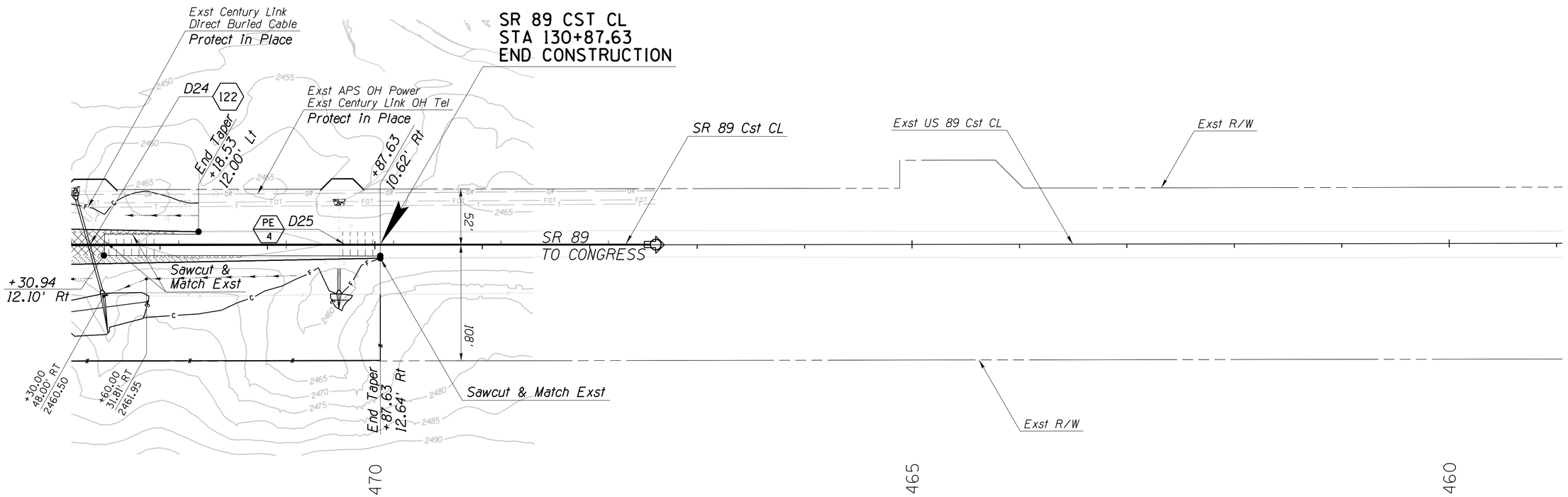
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

SR 89
PROFILE SHEET
STA 114+00 TO STA 128+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	C-3.44
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	192	524	
		093 YV 189			



NOTE:

All stations and offsets are from SR 89 Cst CL unless noted.

LEGEND:

Existing AC Pavement Mill 612 Sq Yd

Existing AC Pavement Remove 159 Sq Yd

New AC Pavement (See Typical Section for Type and Location).

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

SR 89
PLAN SHEET
STA 128+00 TO STA 133+44.07

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C | 093-B(230)T

DWG NO. C-3.45

___ OF ___

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 04/30/2026
ARIZONA, U.S.A.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	193	524	
		093 YV 189			

MATCHLINE STA 5+00
SEE DWG NO. C-4.06

Matthie Ranch Rd Cst CL

TCE

New EP

PT 2+81.05

D28 133

D27 132

Basin
Detail DR

Grade Break

75'

PC 0+98.94

D26 131

R=40'

2'

+75.00

PT 57+48.66

New Barrier
MAG Dtl 130, Type A
28 Lin Ft

Matthie Ranch Rd Cst CL Sta 0+00.00 =
Wickenburg Ranch Way Cst CL Sta 56+35.86

WICKENBURG RANCH WAY CST CL
STA 55+73.00
BEGIN CONSTRUCTION

TCE

Section Line

New EP

155'

28'

115'

RC 62+02.44

55

60

65

Wickenburg Ranch Way Cst CL

+76.03
105.80' LT
2420.93

Intercepted Drainage
Detail DV

MATCHLINE STA 69+00
SEE DWG NO. C-4.04

Exst APS Power
Relocate

TCE

20'

Exst Ground

10%

Cut Slope

1 : 3

1 : 3

SECTION A-A

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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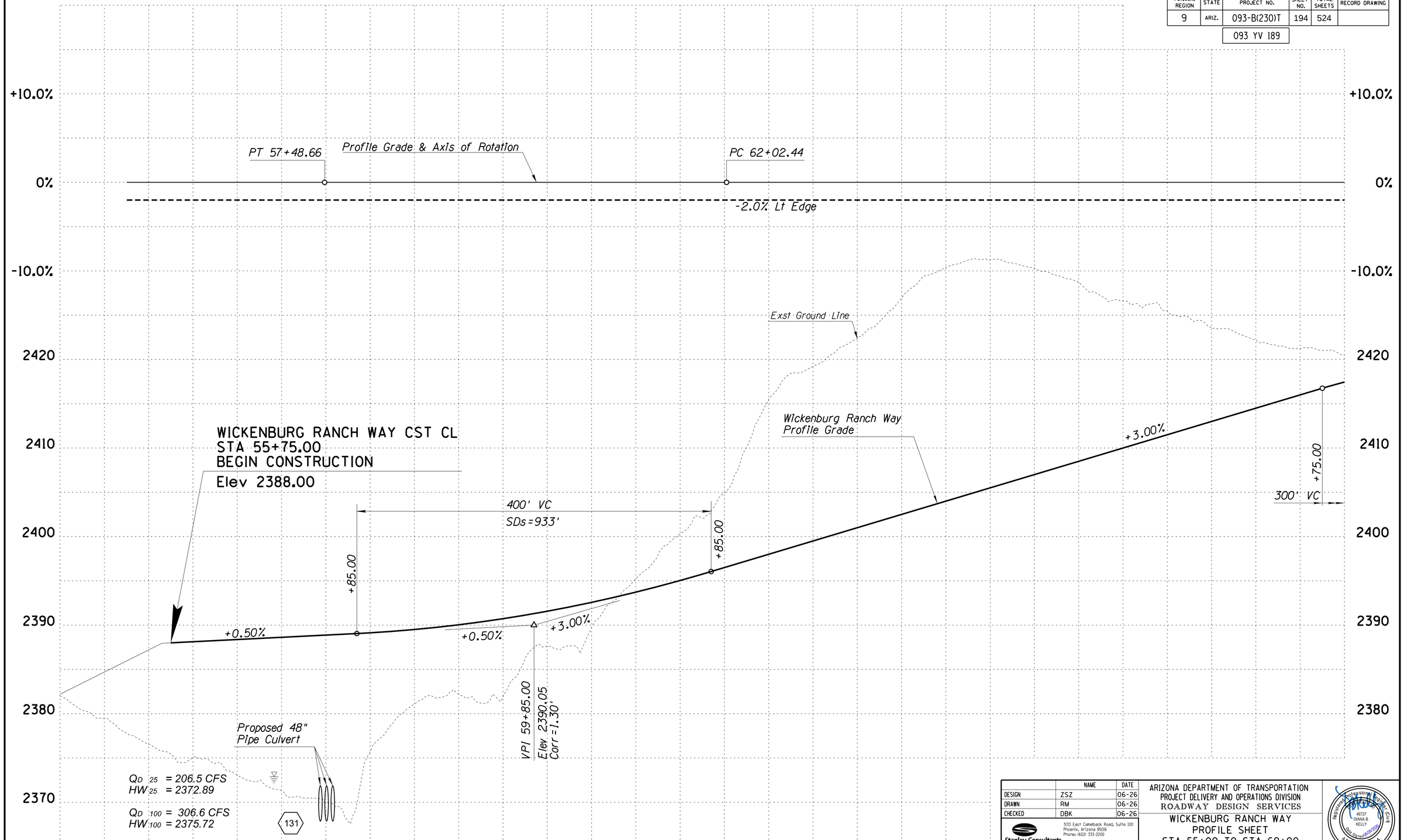
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

WICKENBURG RANCH WAY/MATTHIE RANCH ROAD
PLAN SHEET
STA 55+00 TO 69+00/STA 0+00 TO 5+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-4.01
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	194	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

WICKENBURG RANCH WAY
PROFILE SHEET
STA 55+00 TO STA 69+00

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. C-4.02
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	195	524	
		093 YV 189			

+10.0%
0%
-10.0%
2400
2390
2380
2370
2360

Profile Grade & Axis of Rotation
PC 0+98.94
PT 2+81.05
-2.0% Lt & Rt Edge

MATTHIE RANCH RD CST CL
STA 0+00.00
BEGIN CONSTRUCTION
Elev 2388.19

Matthie Ranch Rd
Profile Grade
-0.60%

Exst Ground Line

$Q_{D\ 25}$ = 81.4 CFS
HW_{25} = 2384.38

$Q_{D\ 100}$ = 85.0 CFS
HW_{100} = 2385.41

132
Proposed 36" Pipe Culvert

Proposed 36" Pipe Culvert
133

$Q_{D\ 25}$ = 70.9 CFS
HW_{25} = 2384.38

$Q_{D\ 100}$ = 75.9 CFS
HW_{100} = 2385.41

0
5

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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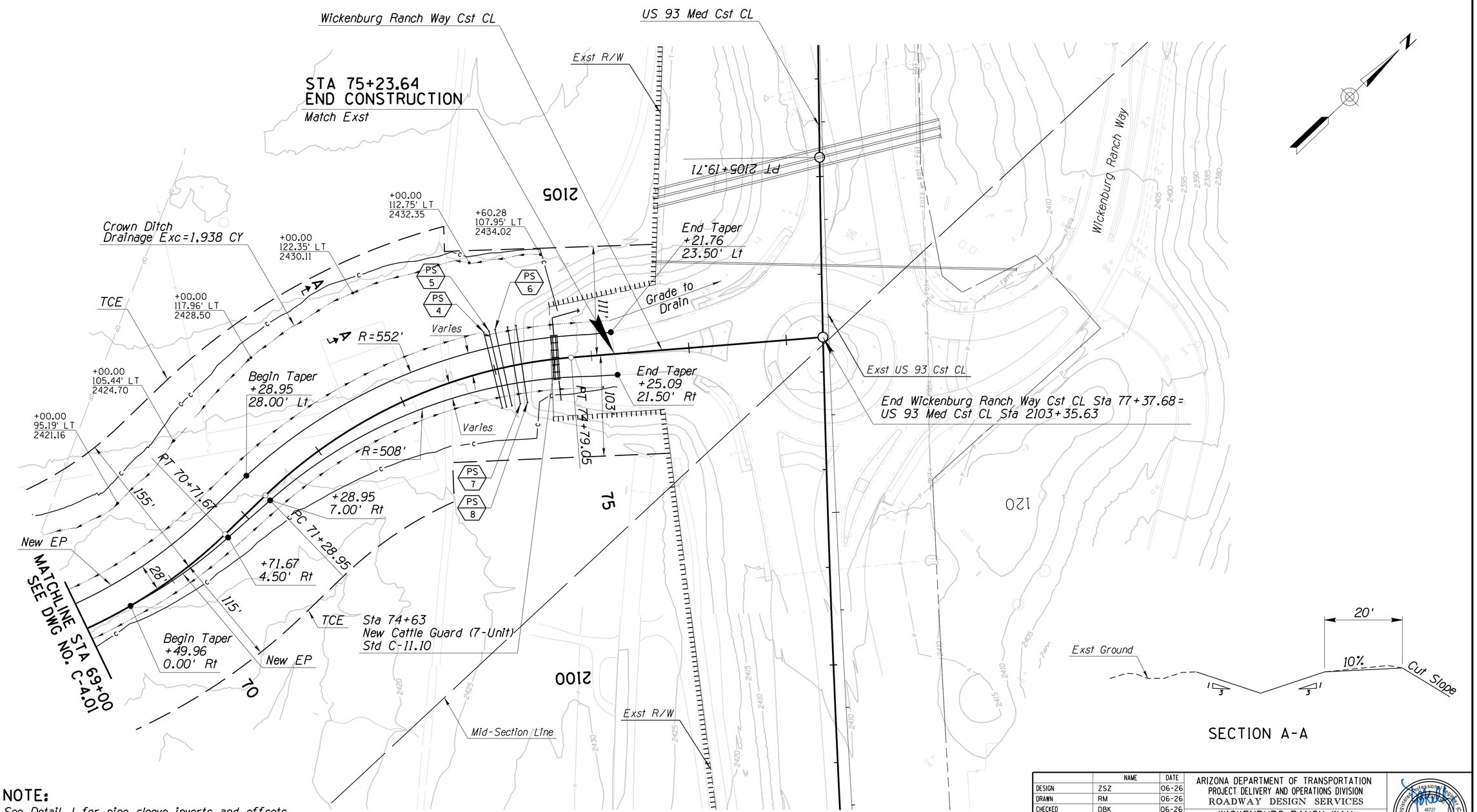
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

MATTHIE RANCH ROAD
PROFILE SHEET
STA 0+00 TO STA 5+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 04/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-4.03
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	196	524	
		093 YV 189			



NOTE:
See Detail J for pipe sleeve inverts and offsets.

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

WICKENBURG RANCH WAY
PLAN SHEET
STA 69+00 TO STA 76+00

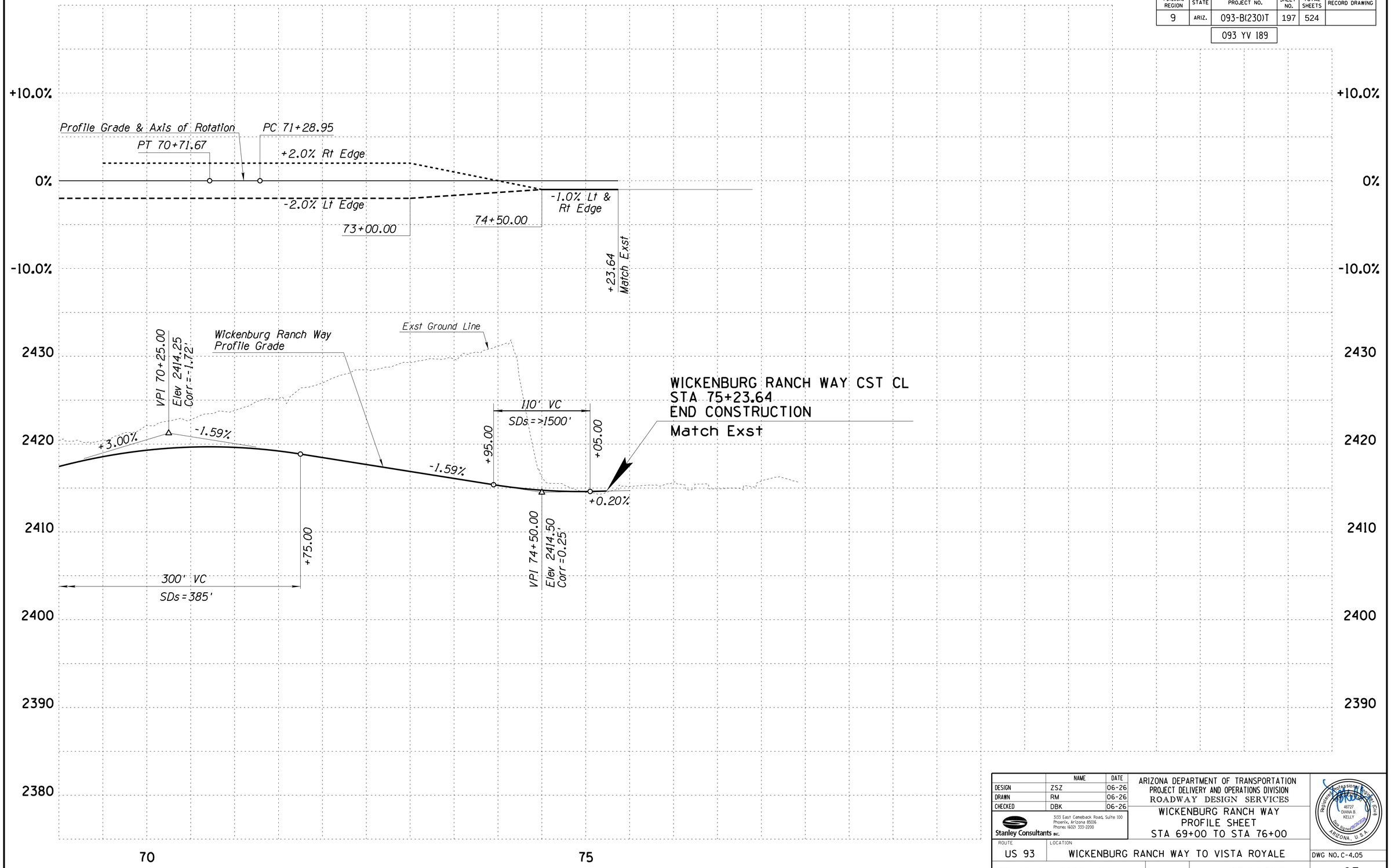
Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 04/21/26
ARIZONA, U.S.A.

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. C-4.04

TRACS NO. F0738 01C | 093-B(230)T | ___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	197	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

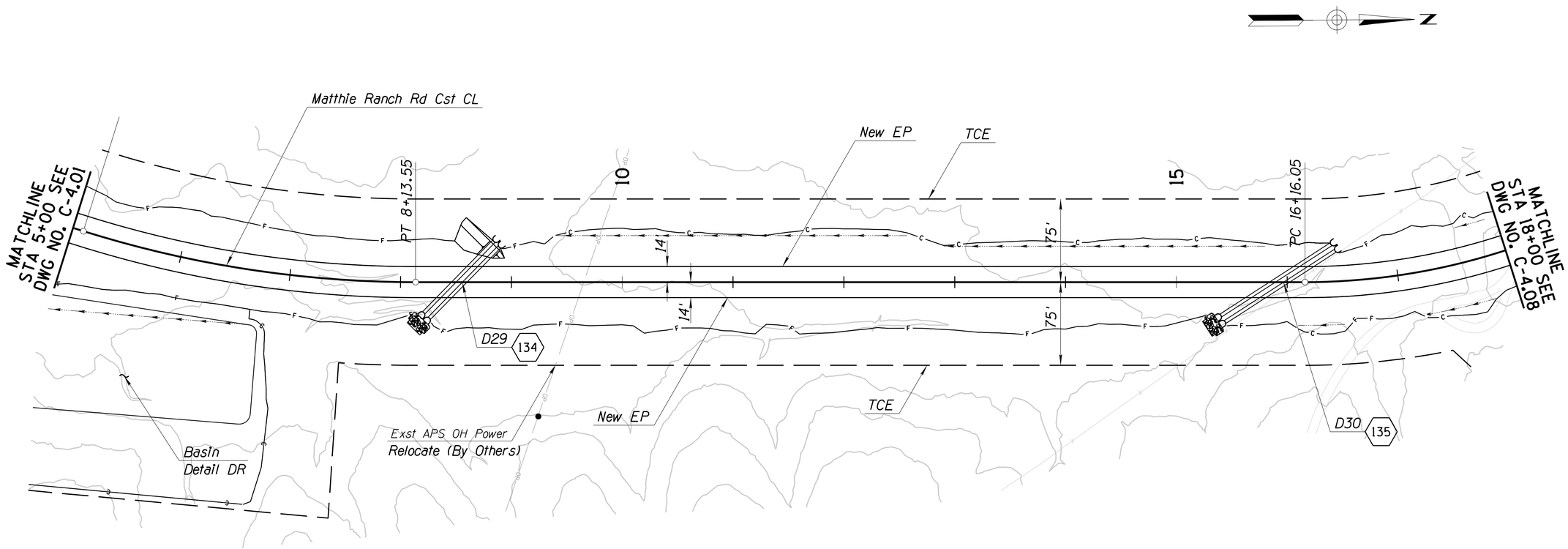
WICKENBURG RANCH WAY
PROFILE SHEET
STA 69+00 TO STA 76+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 12/31/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-4.05
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	198	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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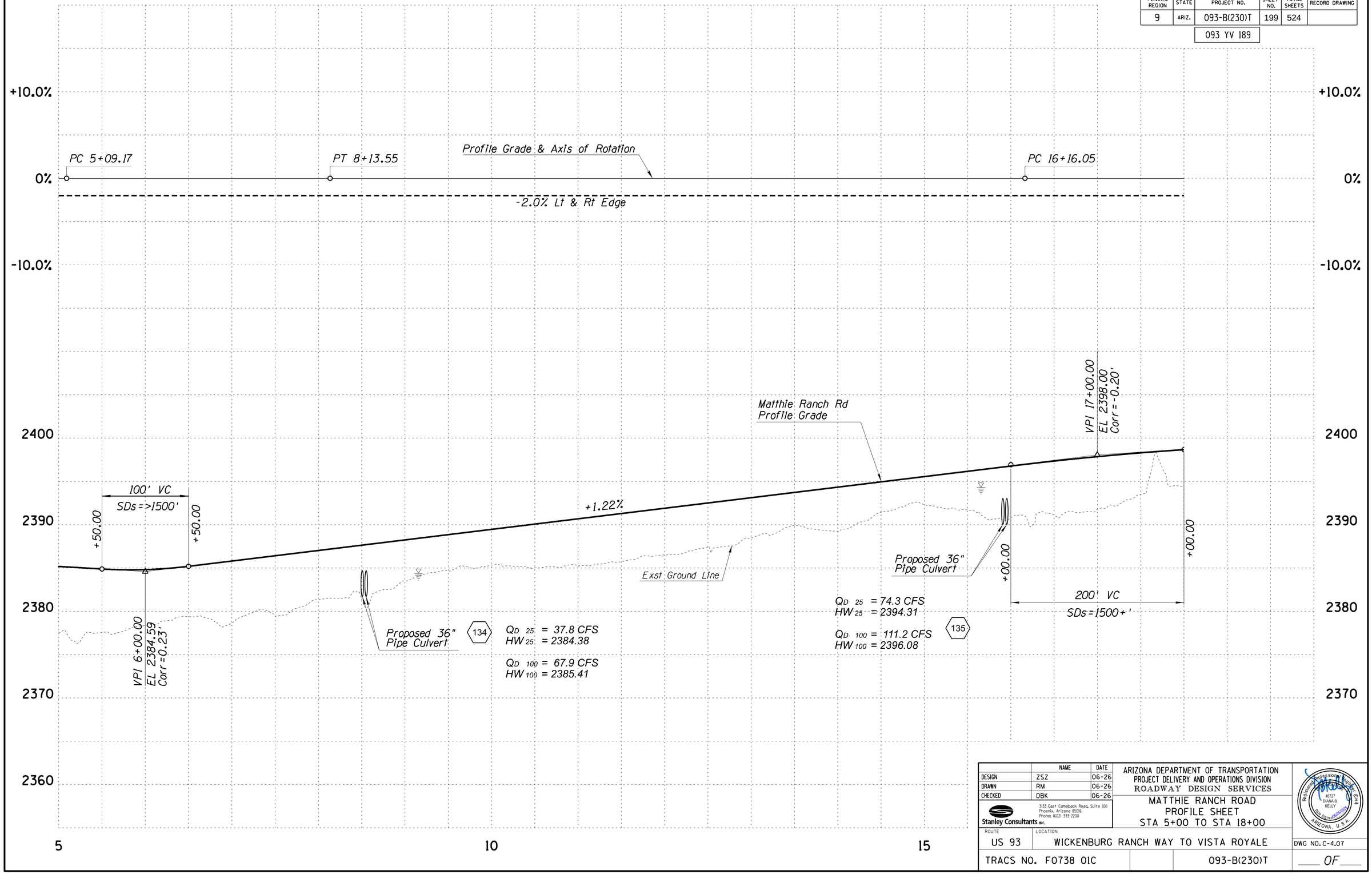
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

MATTHIE RANCH ROAD
PLAN SHEET
STA 5+00 TO STA 18+00

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. C-4.06
TRACS NO. F0738 01C		093-B(230)T — OF —

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	199	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

MATTHIE RANCH ROAD
PROFILE SHEET
STA 5+00 TO STA 18+00

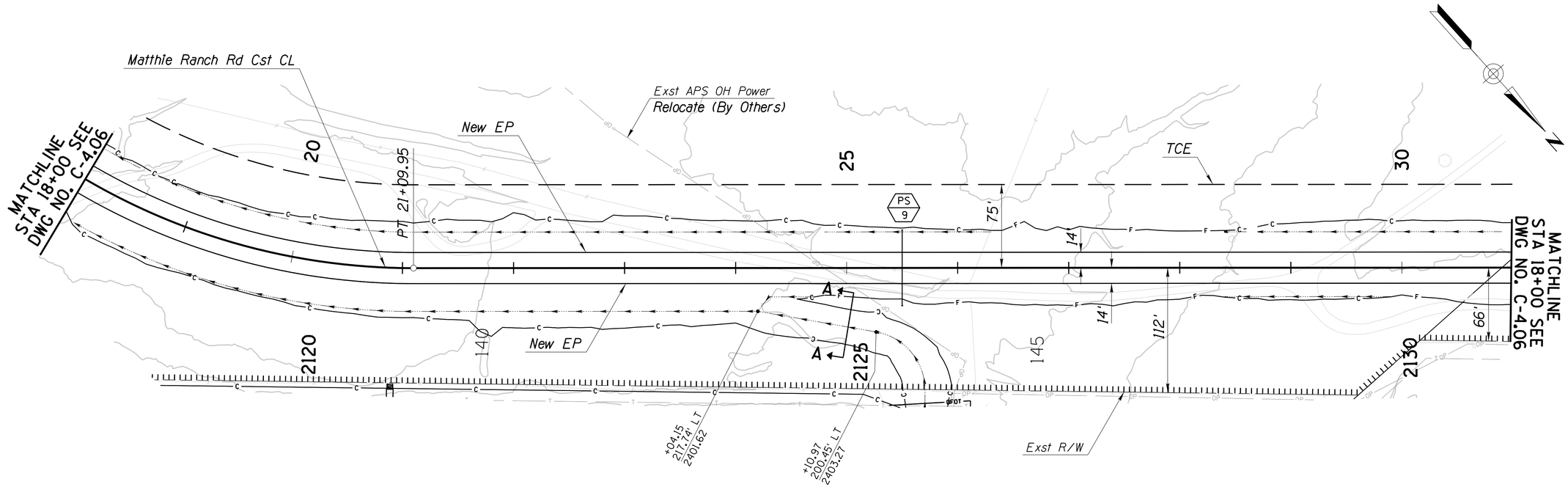
Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. C-4.07
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	200	524	
		093 YV 189			

NOTES:
1. See Dwg No. C-3.03 for US 93.
2. See Detail J for pipe sleeve inverts and offsets.





SECTION A-A

NOTE:
See Detail J for pipe sleeve inverts and offsets.

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

MATTHIE RANCH ROAD
PLAN SHEET
STA 18+00 TO STA 31+00

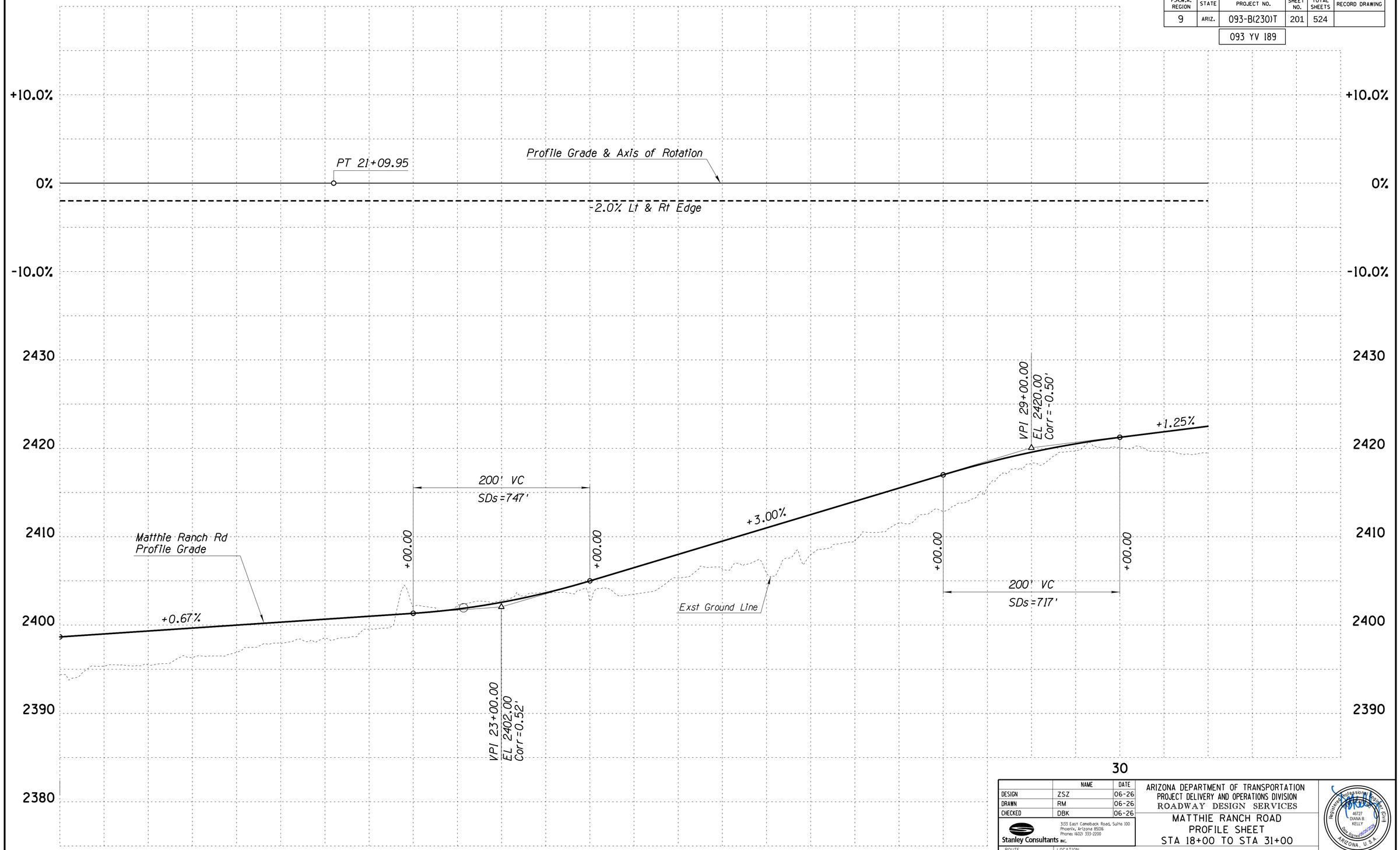
ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. C-4.08

TRACS NO. F0738 01C | 093-B(230)T | ___ OF ___

Registered Professional Engineer, State of Arizona
46727
DIANA B. KELLY
Date Signed 04/20/2026
ARIZONA, U.S.A.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	201	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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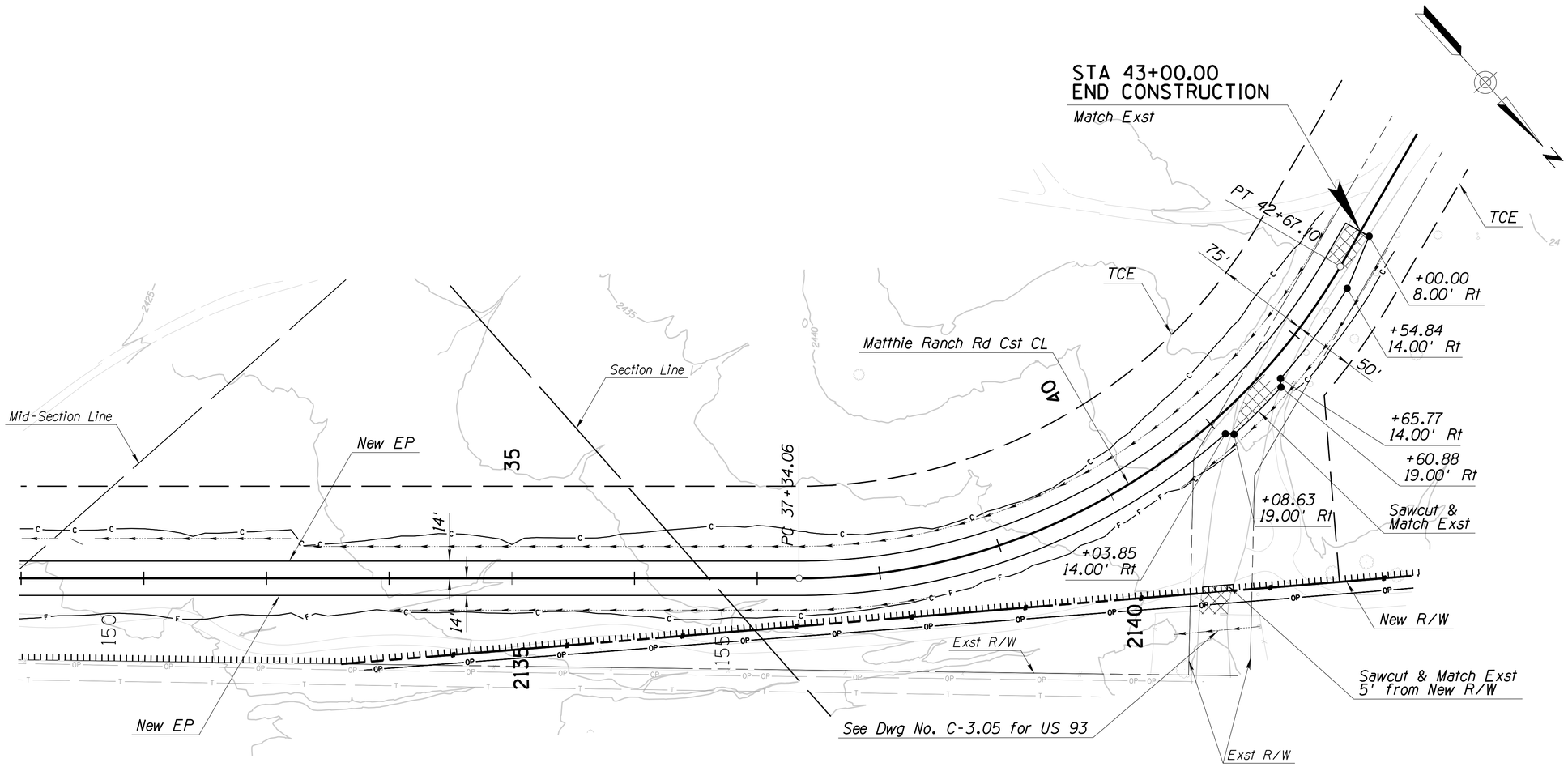
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

MATTHIE RANCH ROAD
PROFILE SHEET
STA 18+00 TO STA 31+00

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. C-4.09
TRACS NO. F0738 01C		093-B(230)T ___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	202	524	
		093 YV 189			



LEGEND:

Existing AC Pavement Remove 455 Sq Yd

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

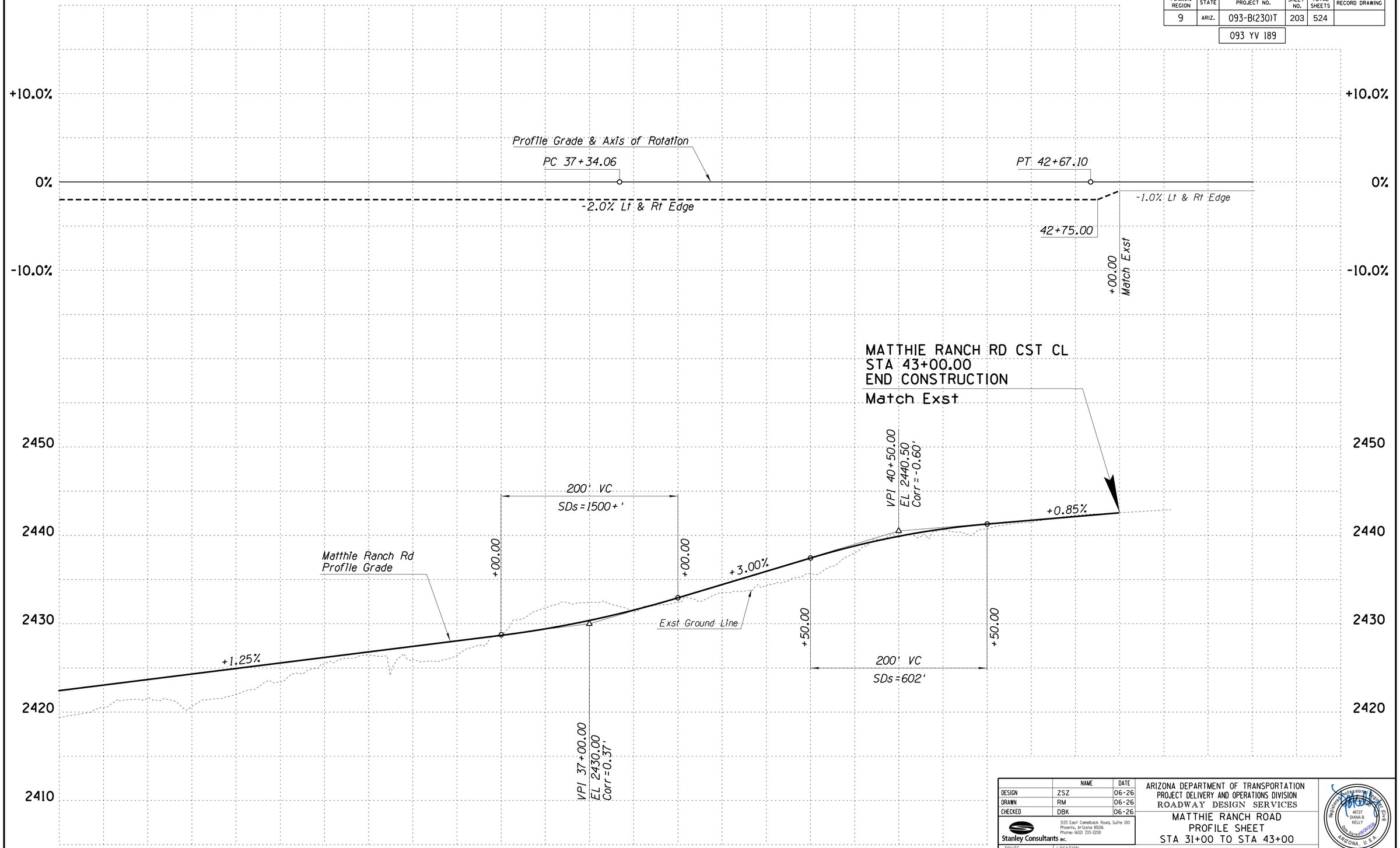
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

MATTHIE RANCH ROAD
PLAN SHEET
STA 31+00 TO 43+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-4.10
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	203	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

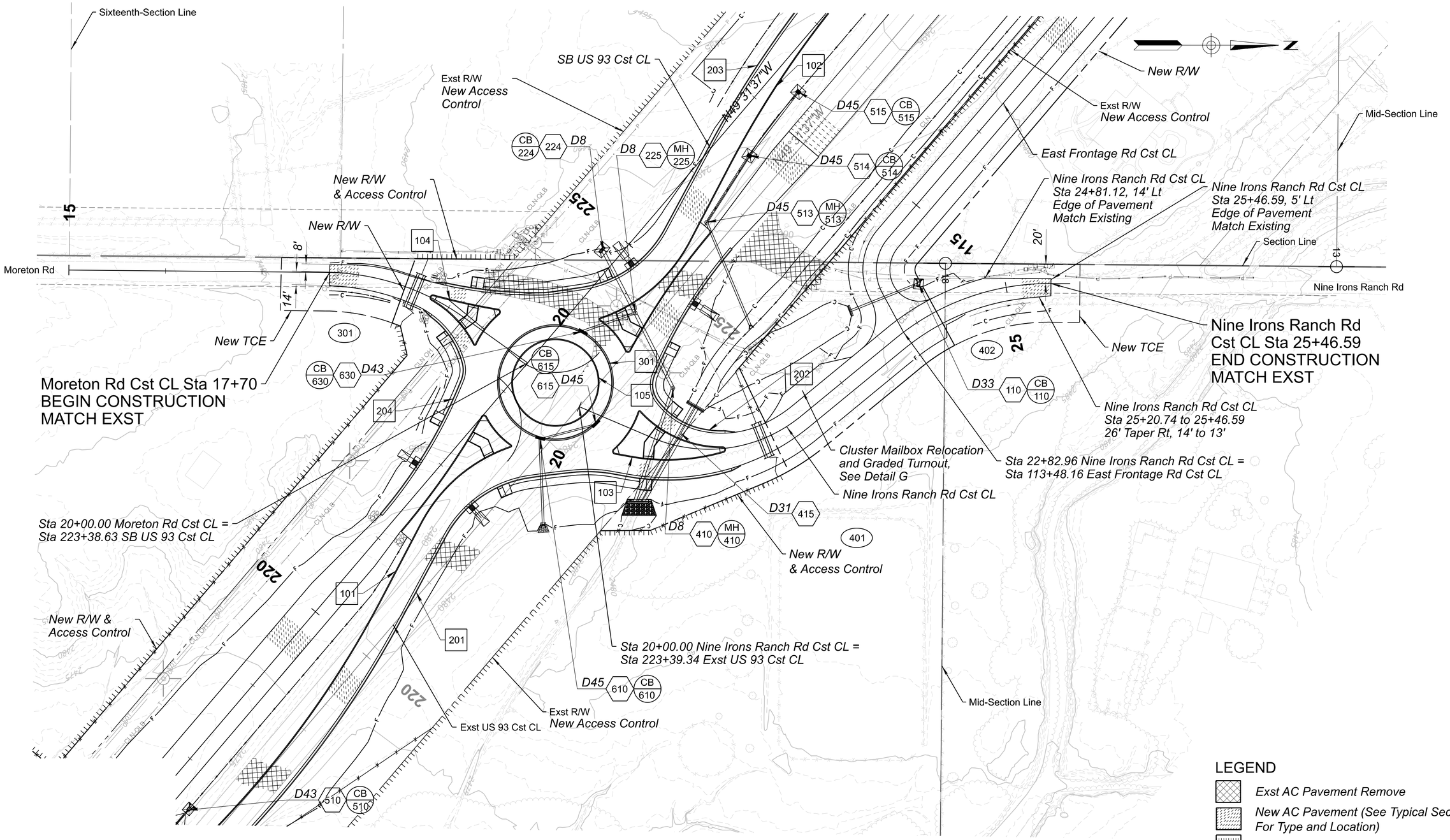
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

MATTHIE RANCH ROAD
PROFILE SHEET
STA 31+00 TO STA 43+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-4.11
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

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LEGEND

- Exst AC Pavement Remove
- New AC Pavement (See Typical Section For Type and Location)
- Existing AC Pavement Mill

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

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

PLAN SHEET
MORETON & NINE IRONS RANCH
STA 17+70 TO STA 27+34

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	204	524	
MILEPOST 189.9						
STRUCTURE NO.						

F.H.W.A. Arizona Division

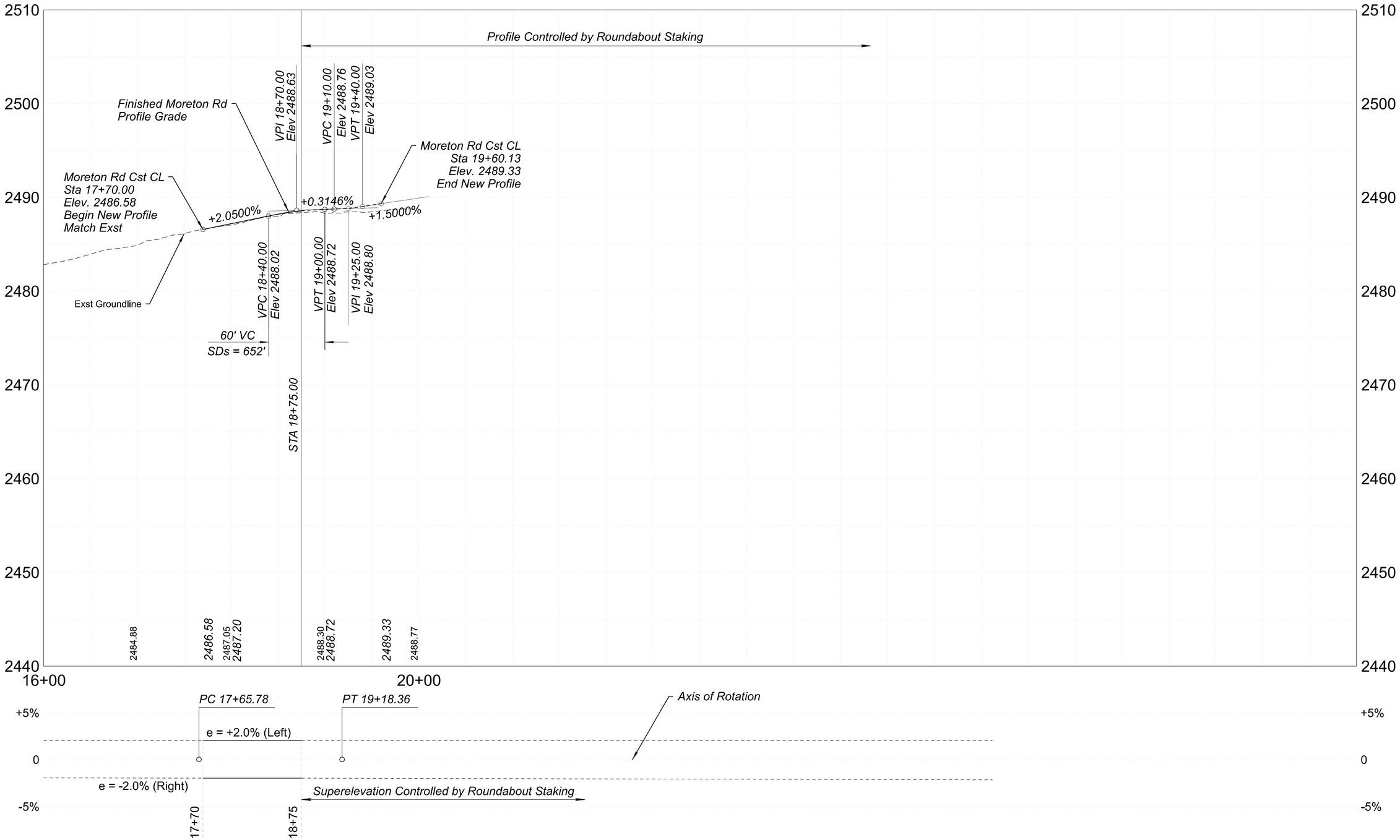
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. C-4.12

____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

Registered Professional Engineer
26609
DALE
WIGGINS
Date signed 06/26/26
ARIZONA, U.S.A.

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

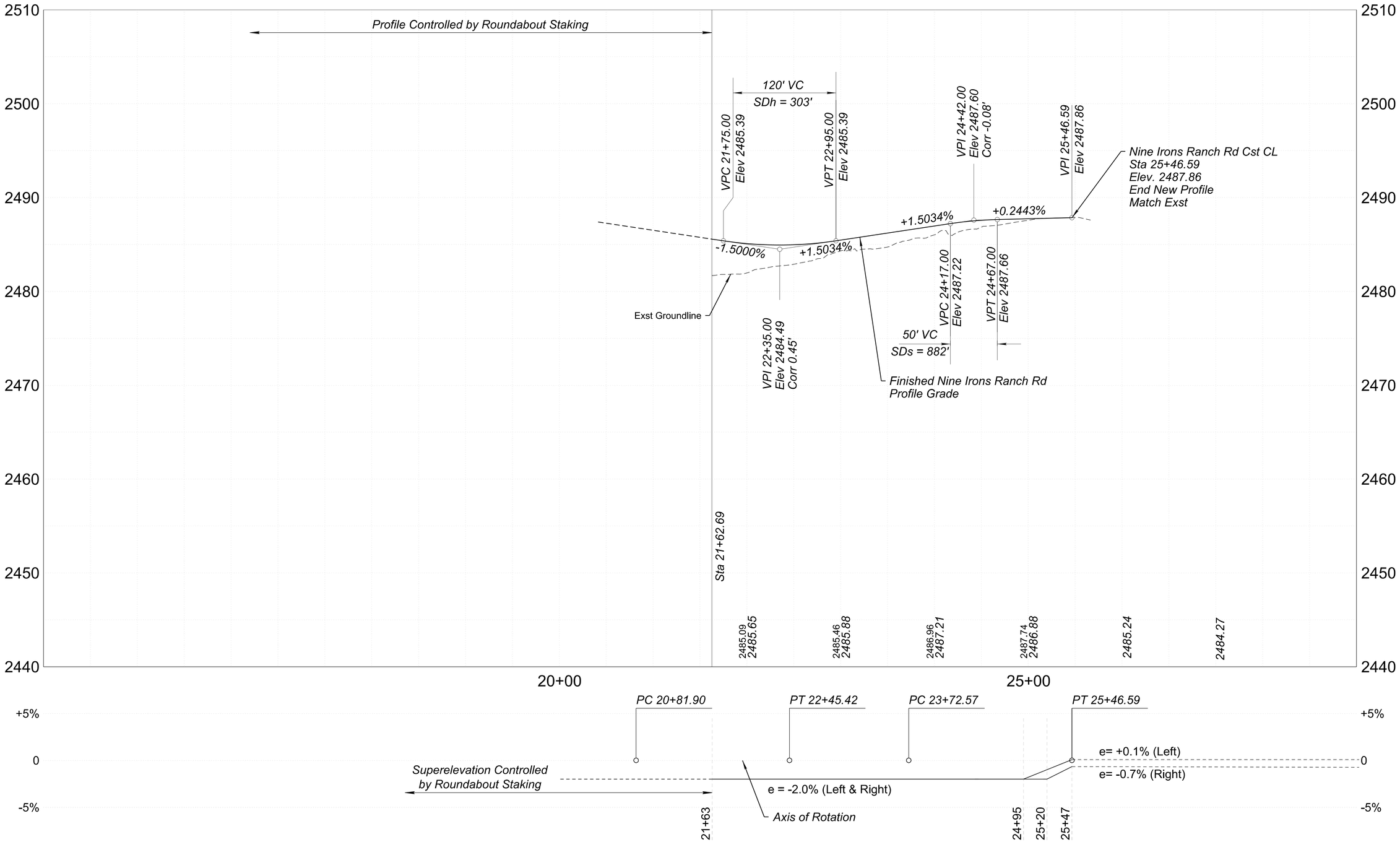
PROFILE SHEET
MORETON RD
STA 17+70 TO 19+60.13

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	205	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-4.13
TRACS NO. F0738 01C
____ OF____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

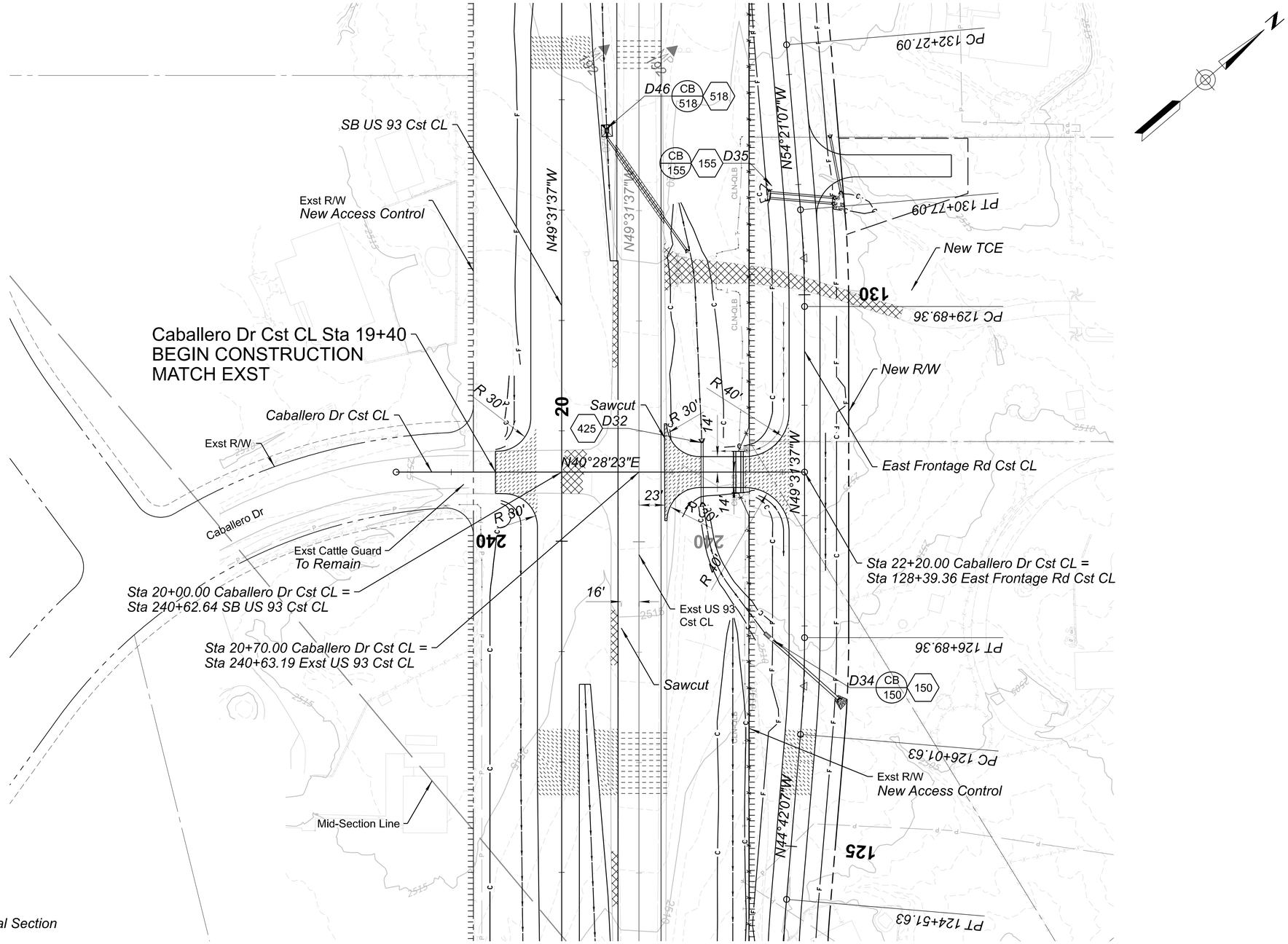
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PROFILE SHEET
NINE IRONS RANCH RD
STA 20+39 TO 27+34

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	206	524	

MILEPOST 189.9
STRUCTURE NO.
F.H.W.A. Arizona Division
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
TRACS NO. F0738 01C
DWG No. C-4.14
____ OF____

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LEGEND

- *Exst AC Pavement Remove*
- *New AC Pavement (See Typical Section For Type and Location)*
- *Existing AC Pavement Mill*

Registered Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PLAN SHEET
CABALLERO DR
STA 19+40 TO STA 22+20

ROUTE: US 93
MILEPOST: 189.9
STRUCTURE NO.:

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	207	524	

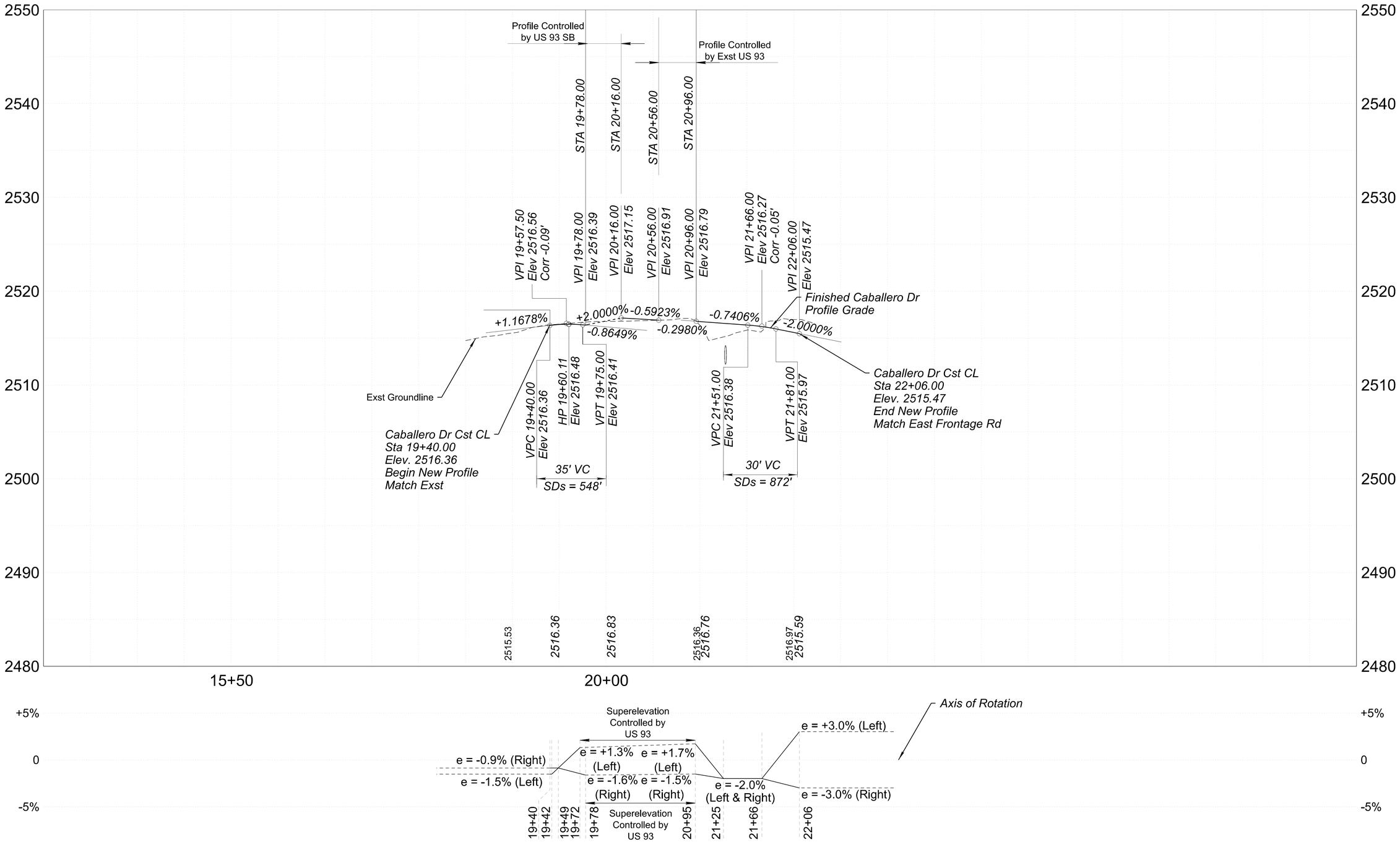
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-4.15

TRACS NO. F0738 01C

____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

Registered Professional Engineer 26609 DALE WIGGINS Date Signed 06/26/26 ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

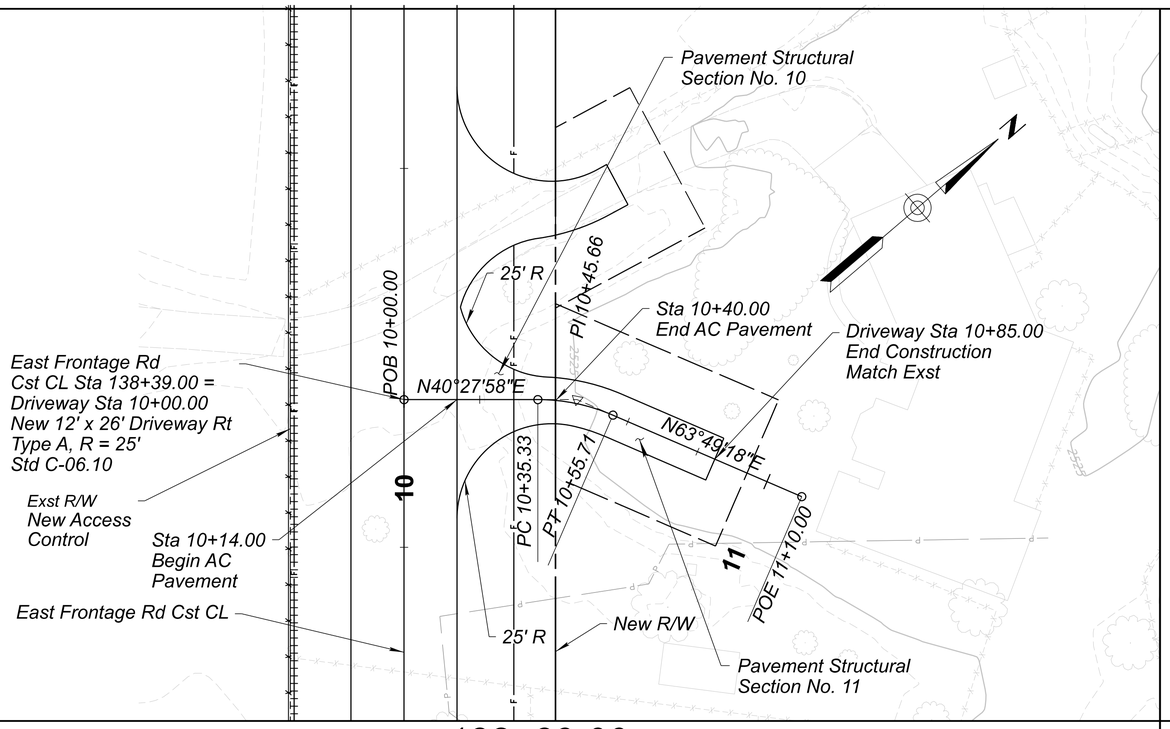
PROFILE SHEET
CABALLERO DR
STA 19+40 TO 22+20

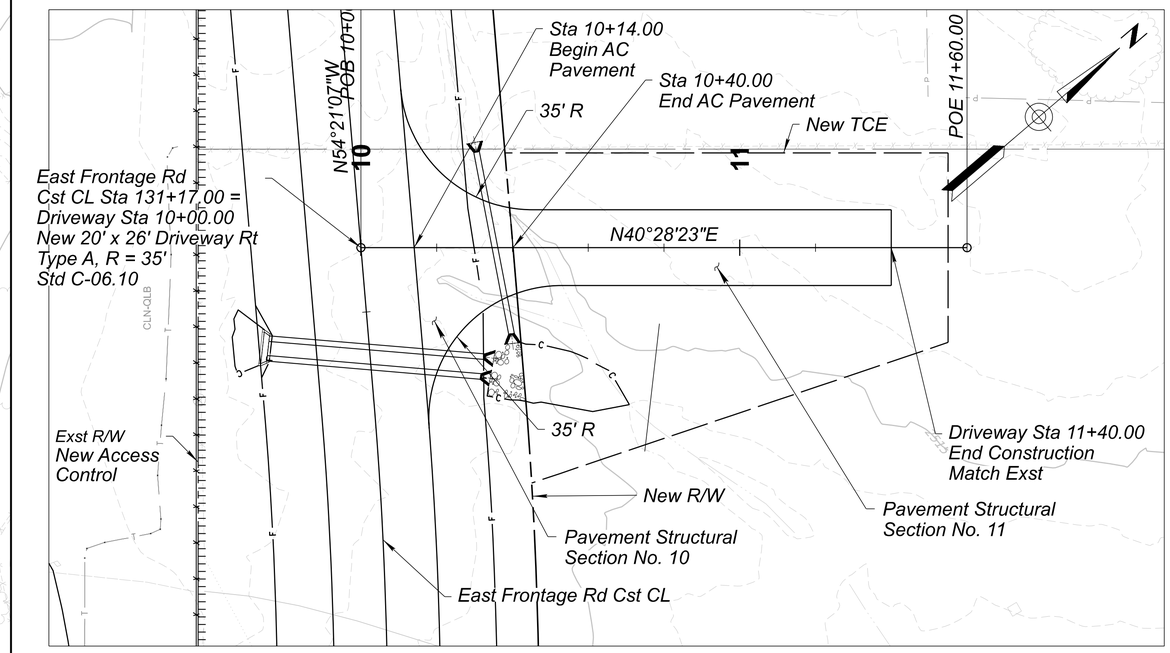
ROUTE: US 93
MILEPOST: 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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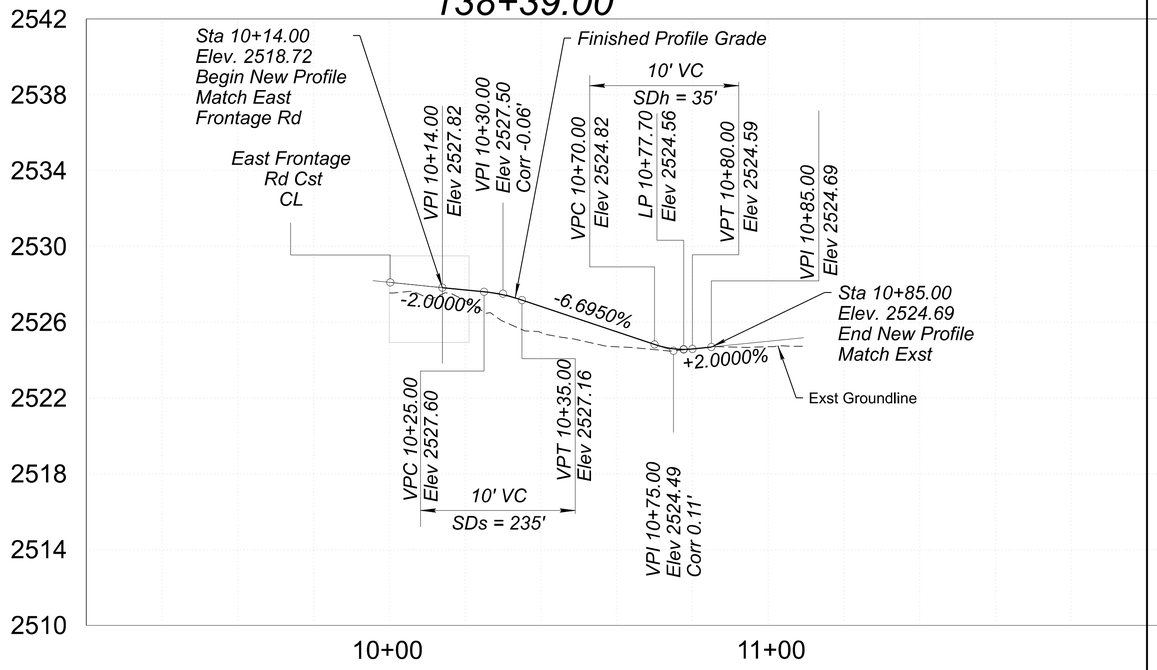
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-4.16
TRACS NO. F0738 01C
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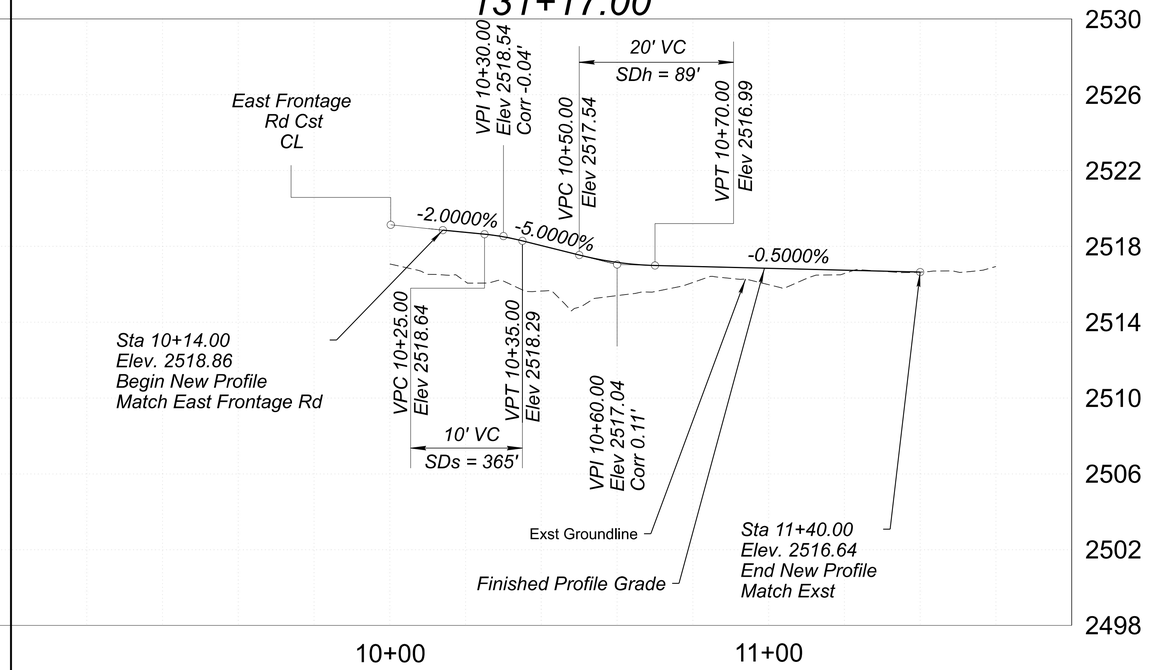




138+39.00



131+17.00



	NAME	DATE
DESIGN	S Mutesi	06/26
DRAWN	C VALENZUELA	06/26
CHECKED	D WIGGINS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

Professional Engineer — 26609 — DALE WIGGINS — ARIZONA, U.S.A. — Date Signed 06/26/26

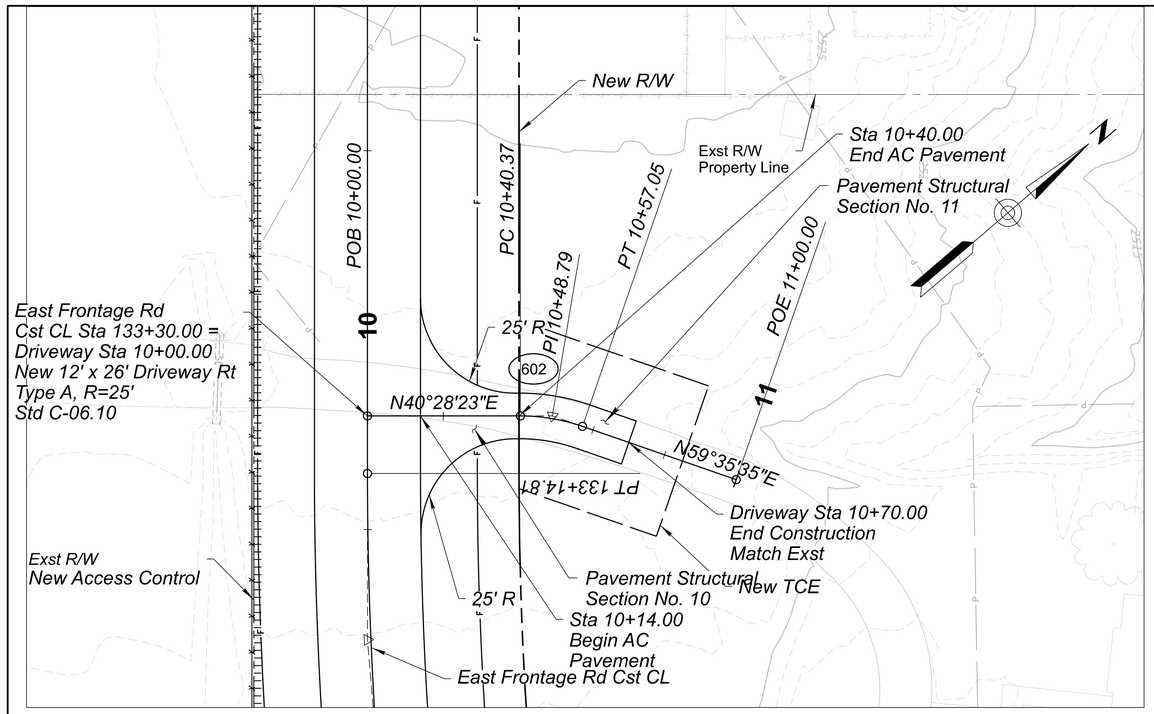
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
PLAN & PROFILE SHEET
DRIVEWAY - EAST FRONTAGE RD 138+39
DRIVEWAY - EAST FRONTAGE RD 131+17

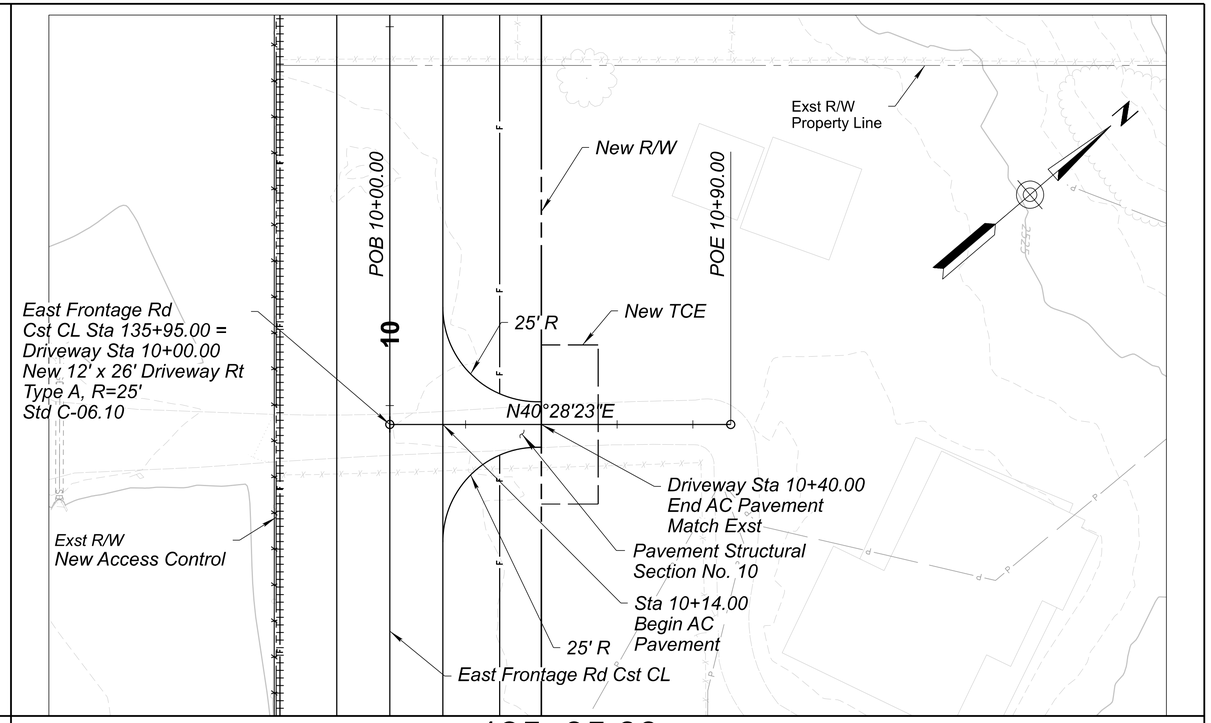
ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

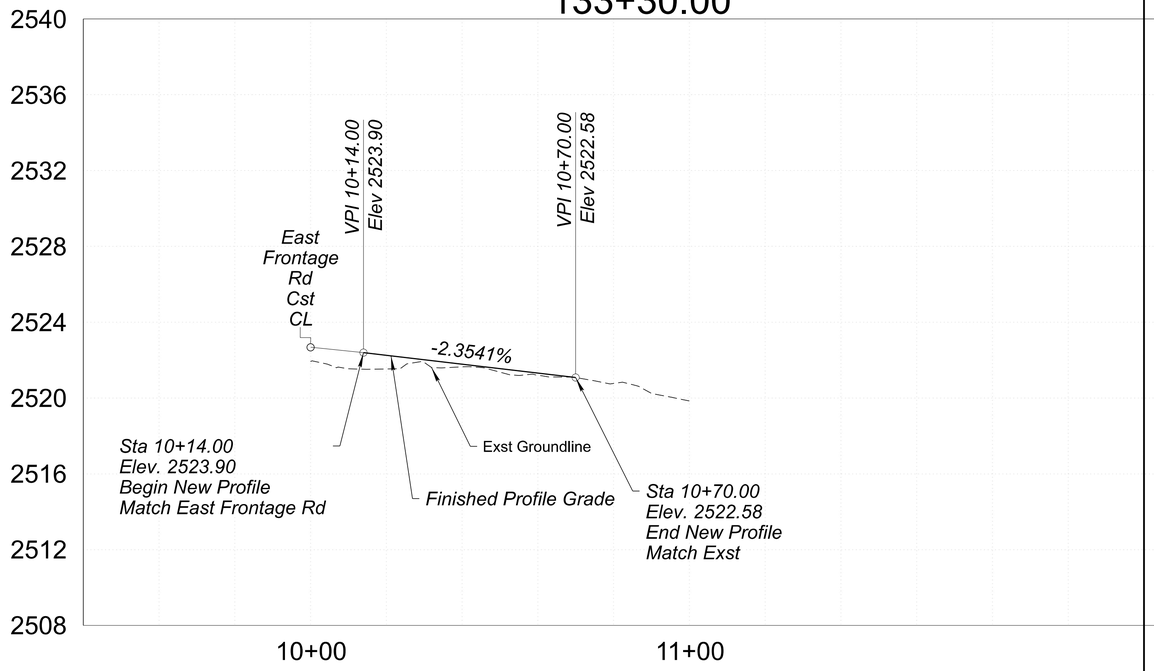
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	209	524	

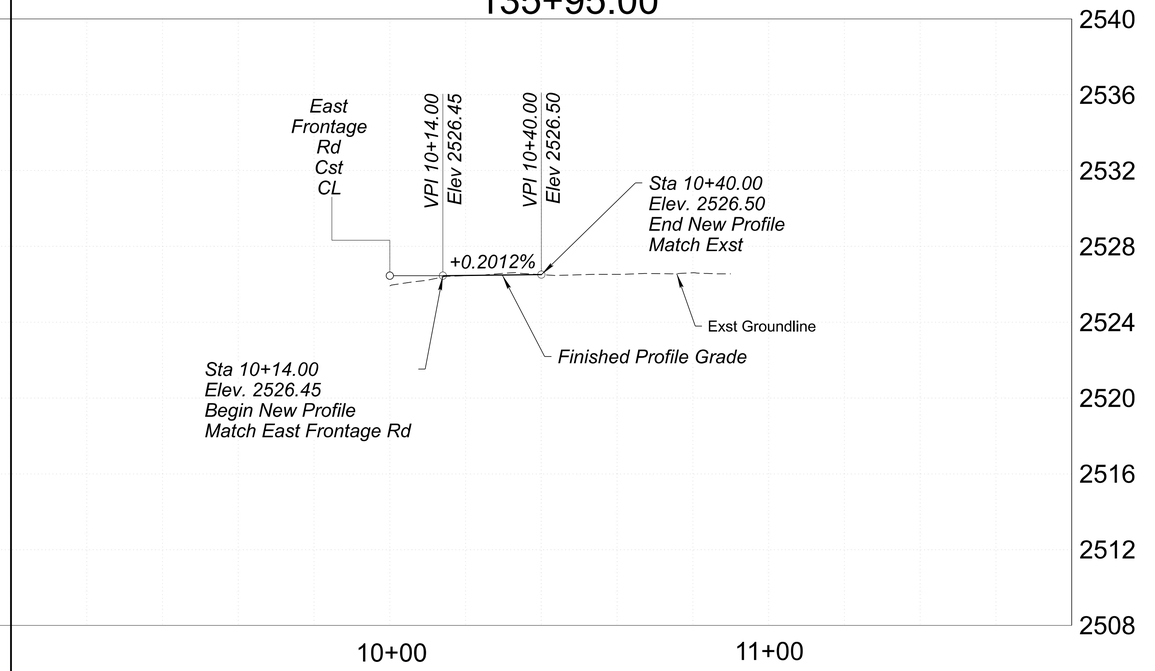
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-4.17
TRACS NO. F0738 01C
____ OF ____

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	NAME	DATE
DESIGN	S Mutesi	06/26
DRAWN	C VALENZUELA	06/26
CHECKED	D WIGGINS	06/26

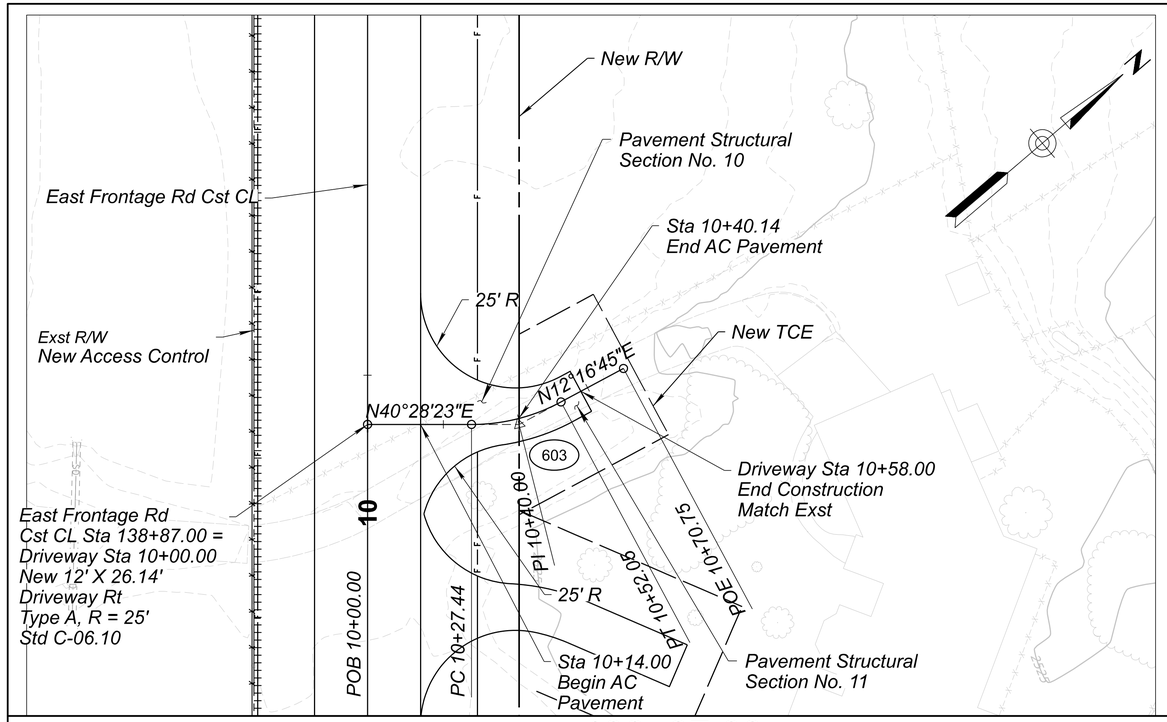
Registered professional engineer 26609 DALE WIGGINS Date Signed 06/26/26 ARIZONA, U.S.A.

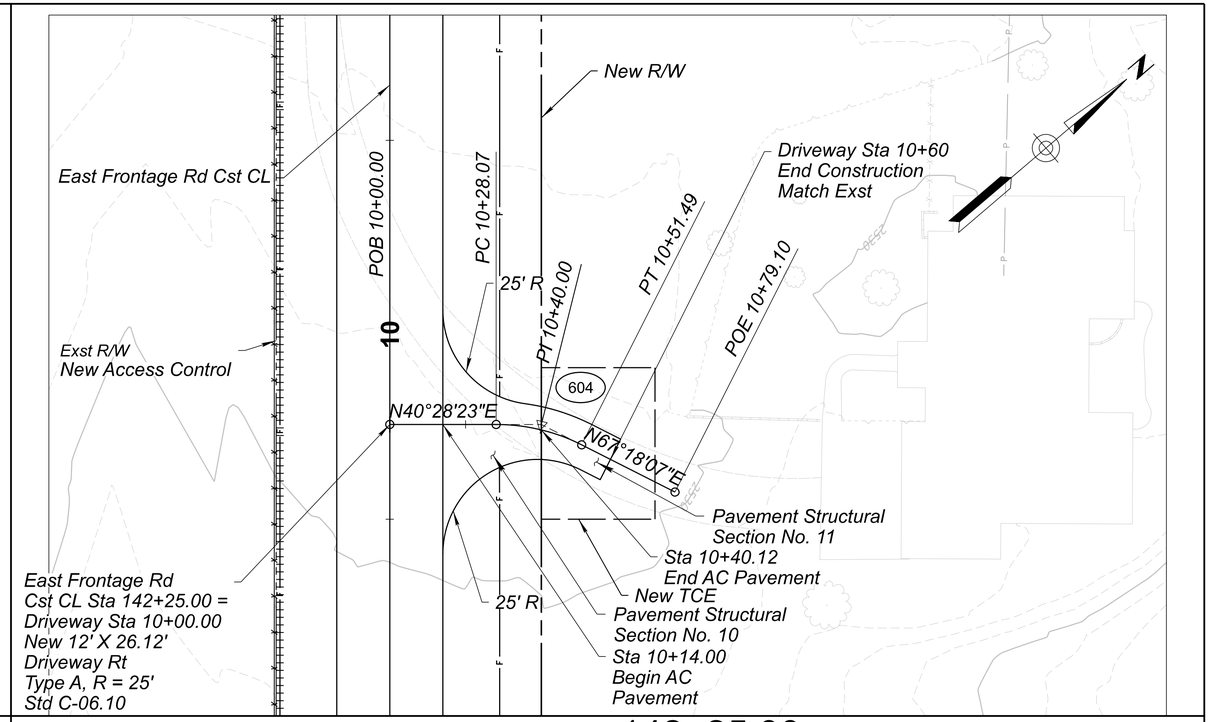
TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

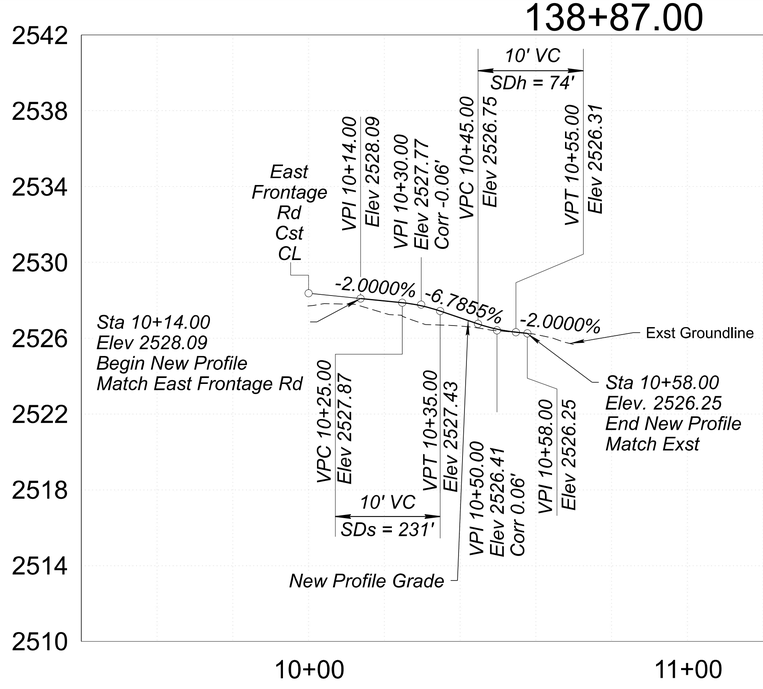
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
PLAN & PROFILE SHEET
DRIVEWAY - EAST FRONTAGE RD 133+30
DRIVEWAY - EAST FRONTAGE RD 135+95

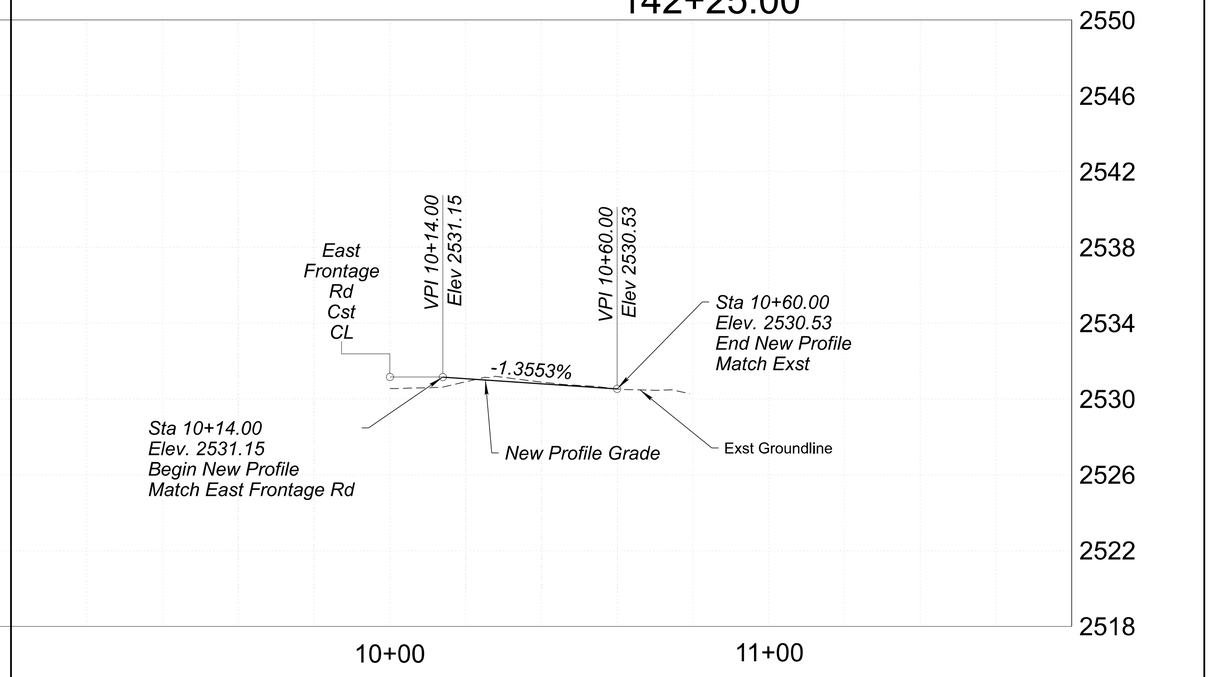
ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	210	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. C-4.18
	TRACS NO. F0738 01C					____ OF ____

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	NAME	DATE
DESIGN	S Mutesi	06/26
DRAWN	C VALENZUELA	06/26
CHECKED	D WIGGINS	06/26

Registered Professional Engineer
26609
DALE WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

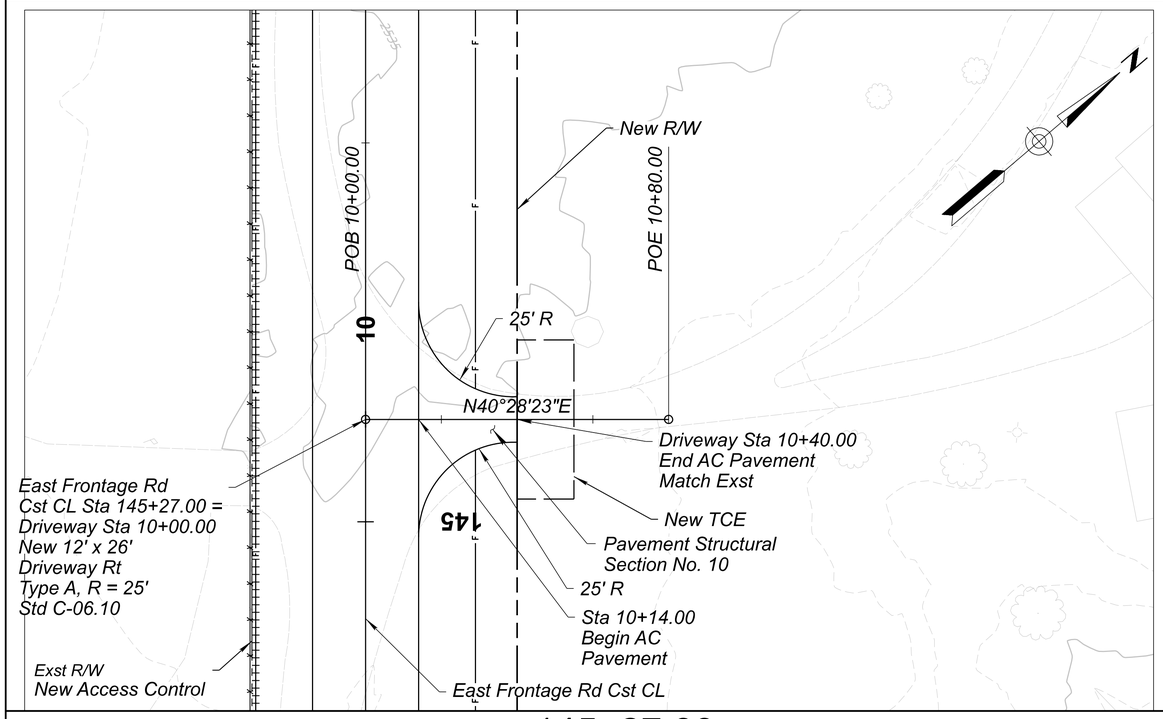
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
PLAN & PROFILE SHEET
DRIVEWAY - EAST FRONTAGE RD 138+87
DRIVEWAY - EAST FRONTAGE RD 142+25

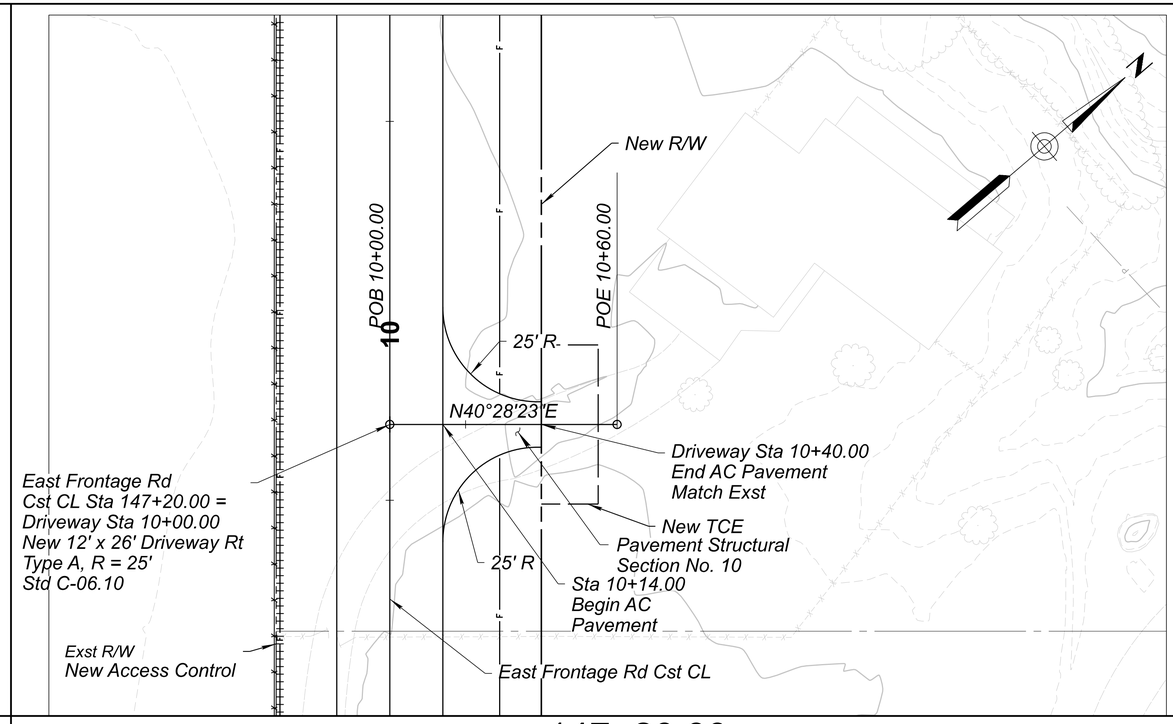
ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

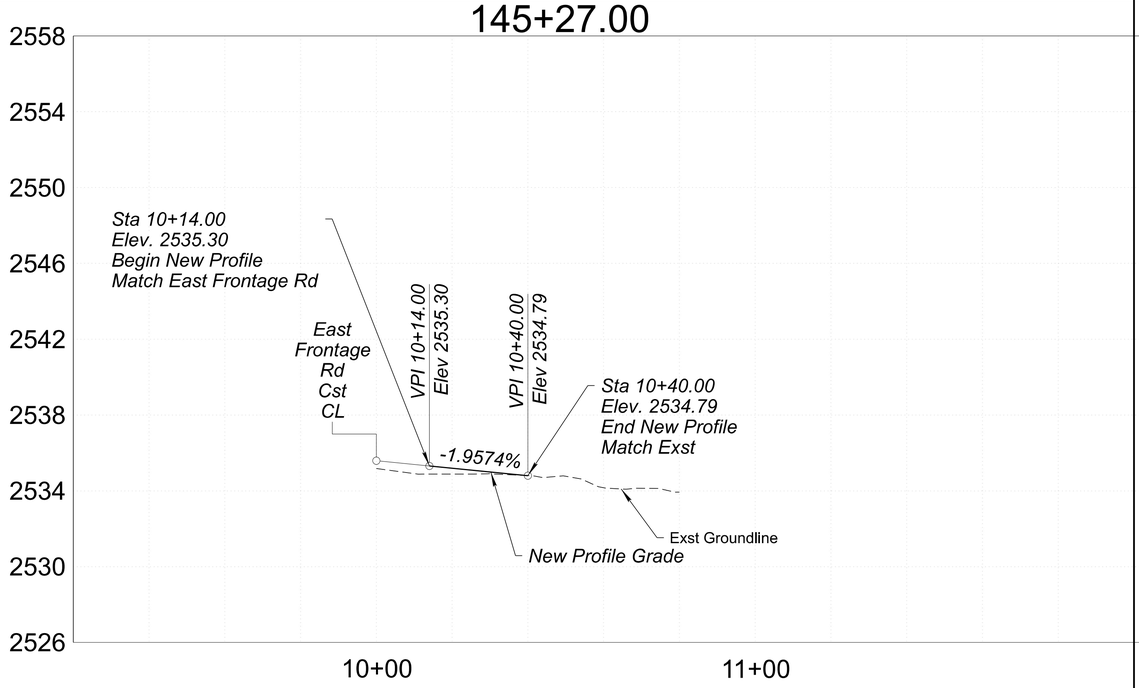
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	211	524	

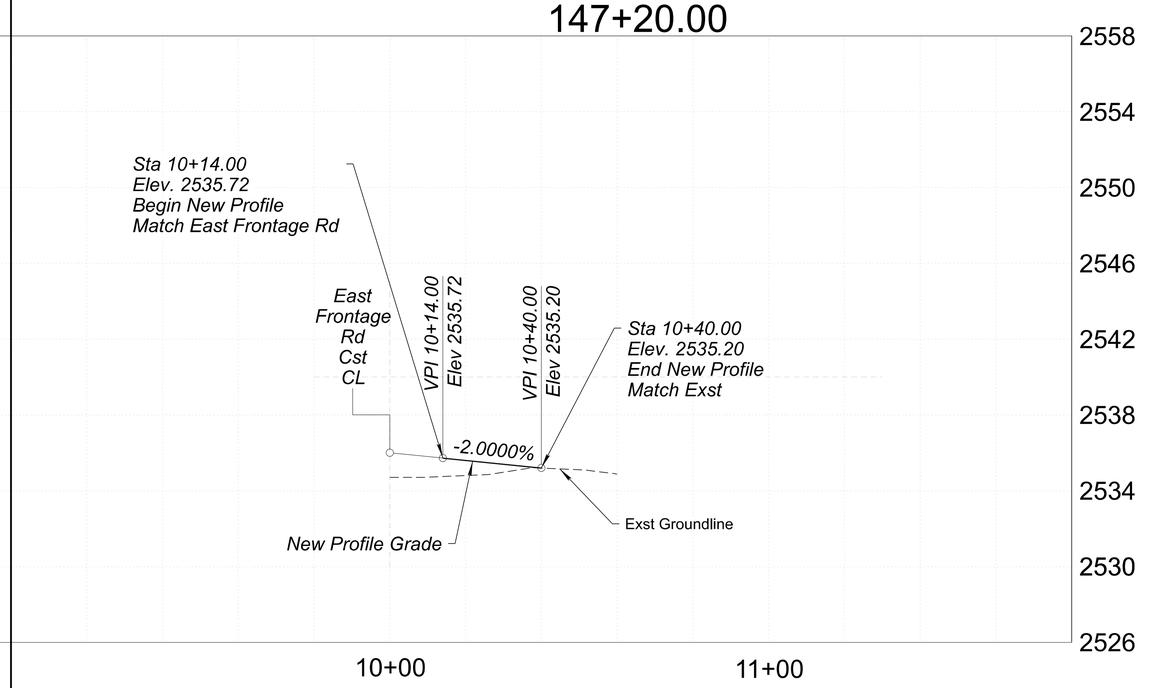
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-4.19
TRACS NO. F0738 01C
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	NAME	DATE
DESIGN	S Mutesi	06/26
DRAWN	C VALENZUELA	06/26
CHECKED	D WIGGINS	06/26

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AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

Professional Engineer — Expiration Date: 09/30/26 — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
PLAN & PROFILE SHEET
DRIVEWAY - EAST FRONTAGE RD 145+27
DRIVEWAY - EAST FRONTAGE RD 147+20

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	212	524	

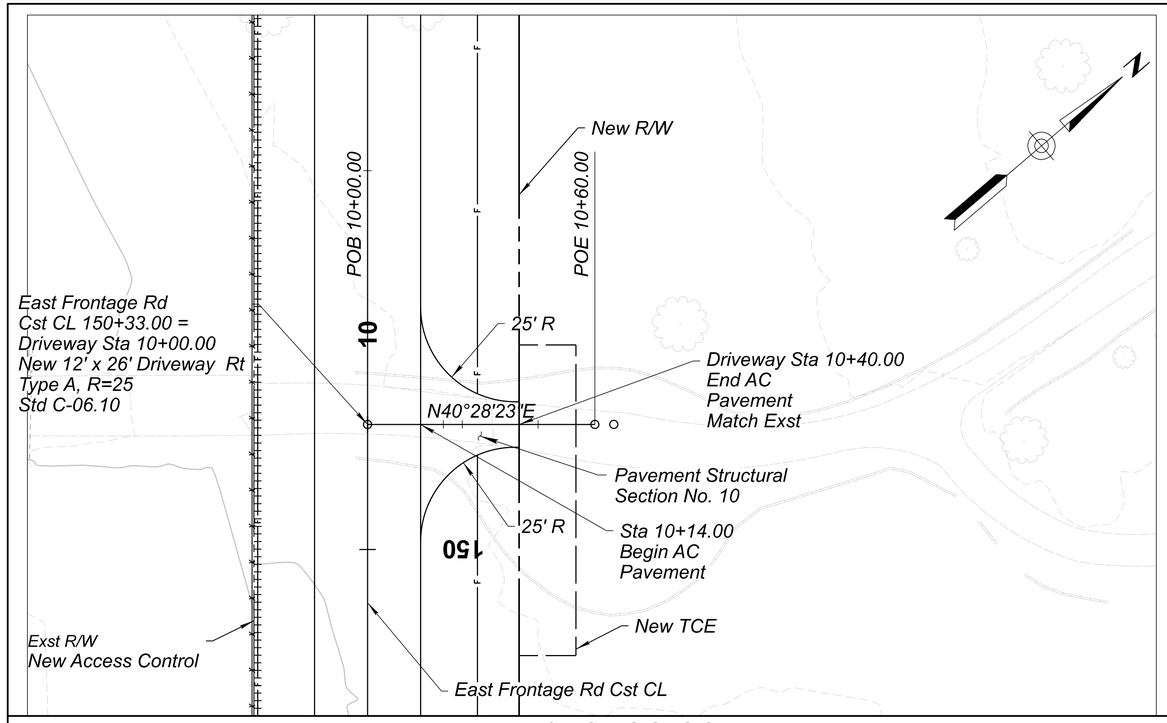
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

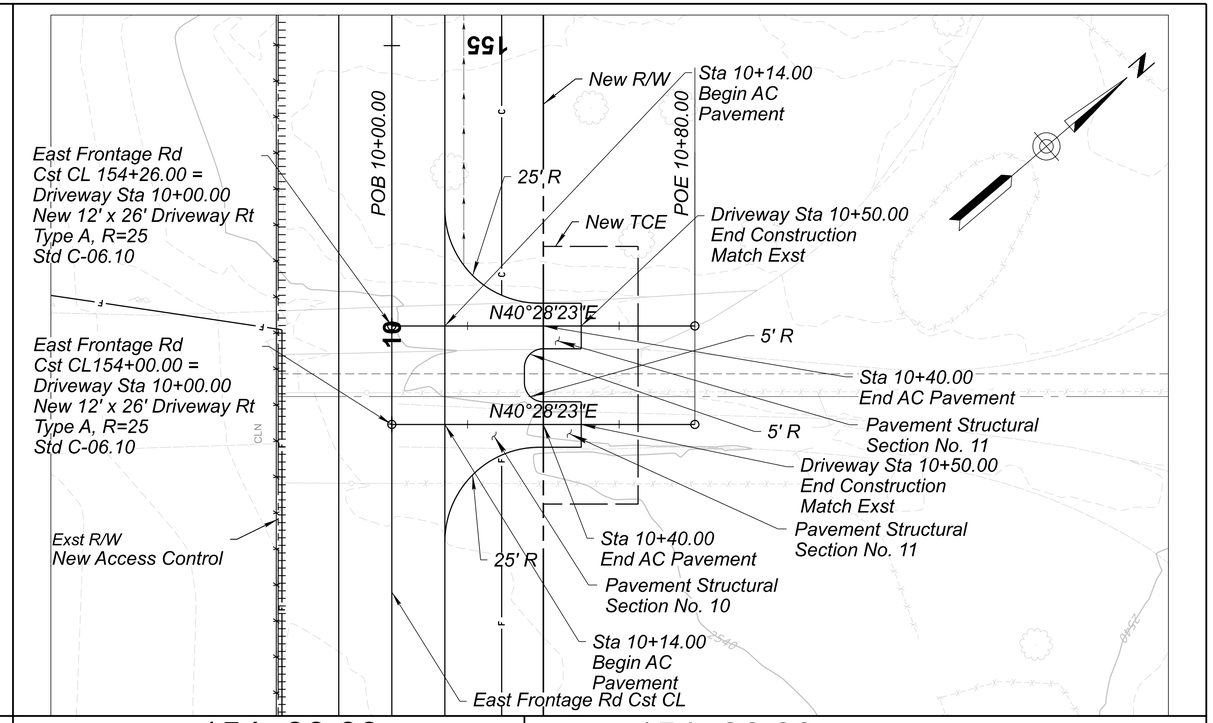
DWG No. C-4.20

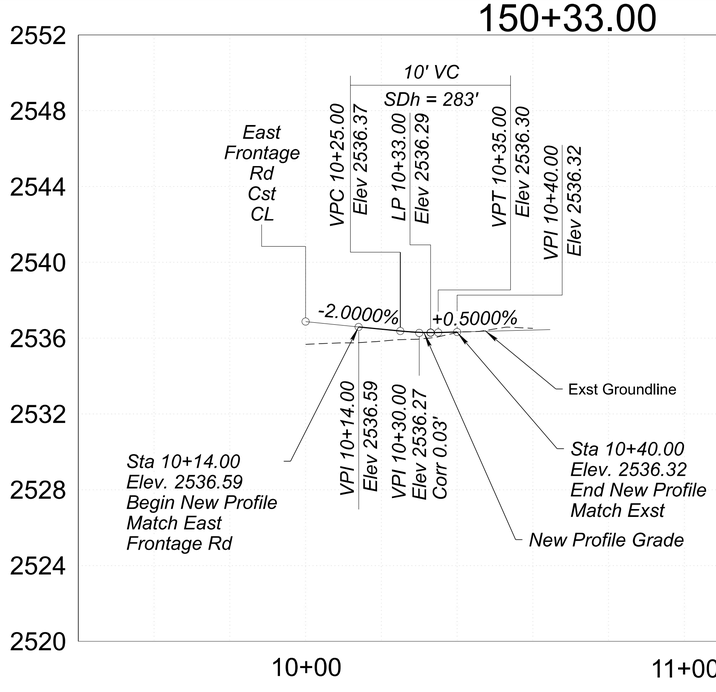
TRACS NO. F0738 01C

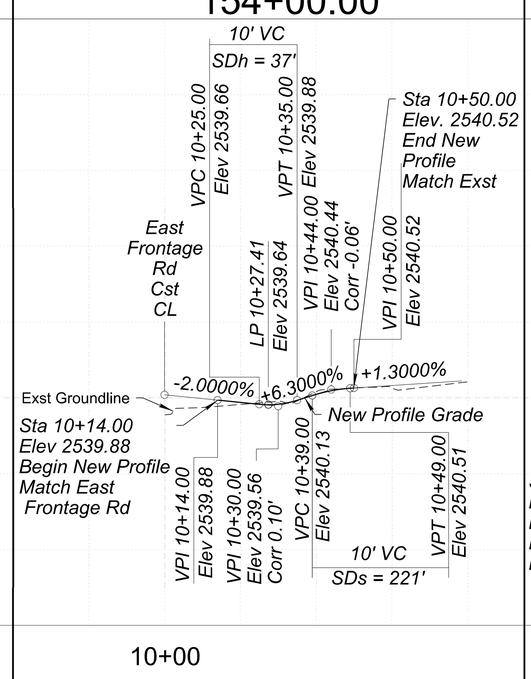
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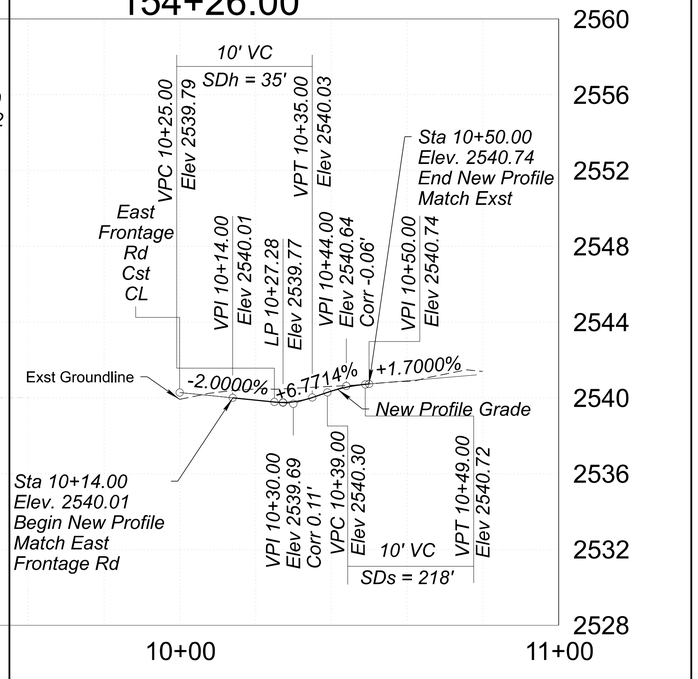
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	NAME	DATE
DESIGN	S Mutesi	06/26
DRAWN	C VALENZUELA	06/26
CHECKED	D WIGGINS	06/26

Registered professional engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

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AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
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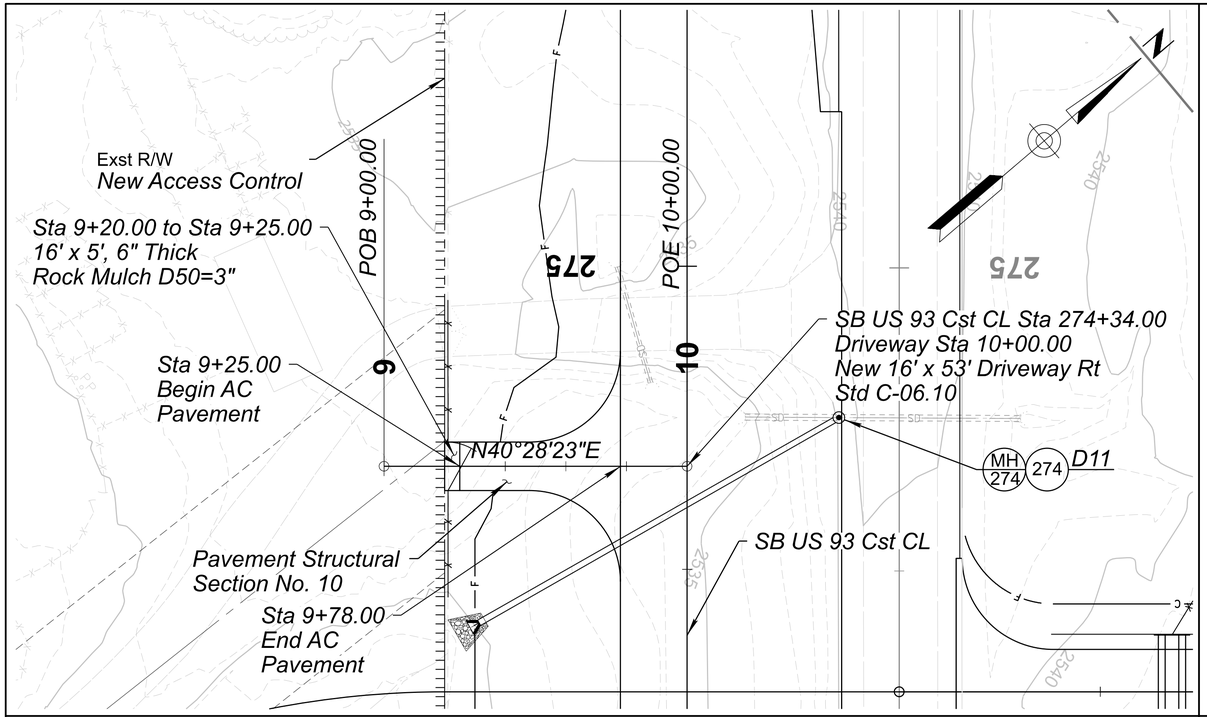
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
PLAN & PROFILE SHEET
DWY - EAST FRONTAGE RD 150+33
DWY - EAST FRONTAGE RD 154+00 & 154+26

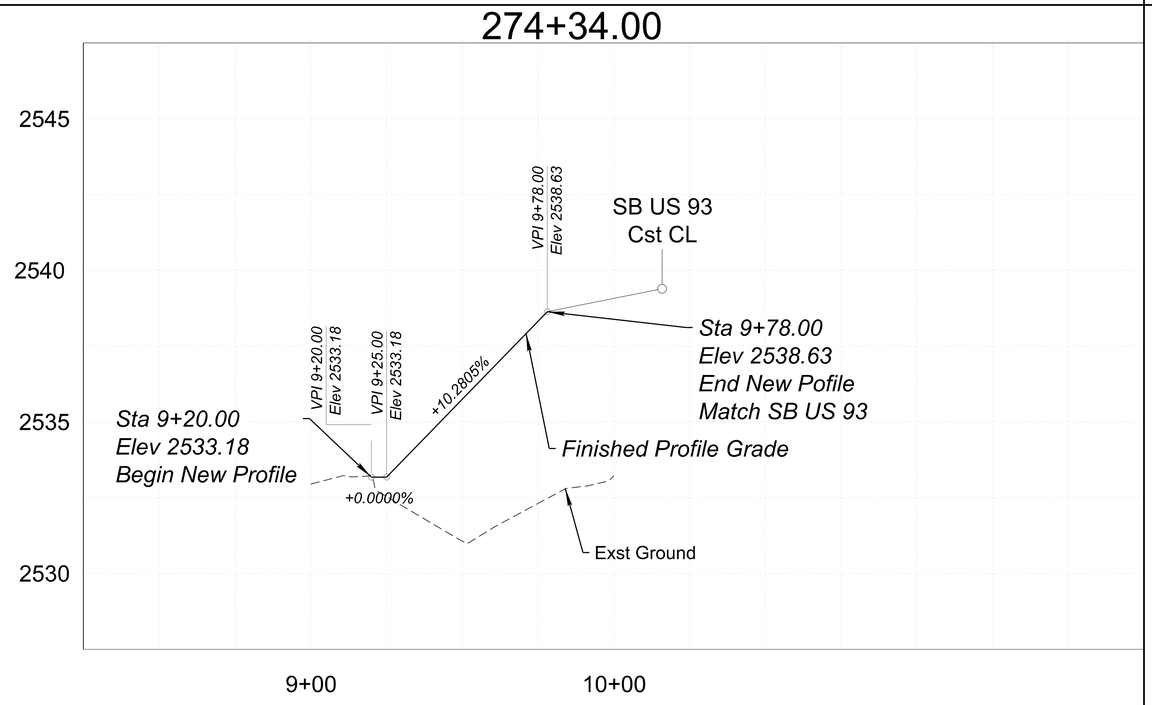
ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	213	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-4.21
TRACS NO. F0738 01C
____ OF ____

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	NAME	DATE
DESIGN	S Mutesi	06/26
DRAWN	C VALENZUELA	06/26
CHECKED	D WIGGINS	06/26

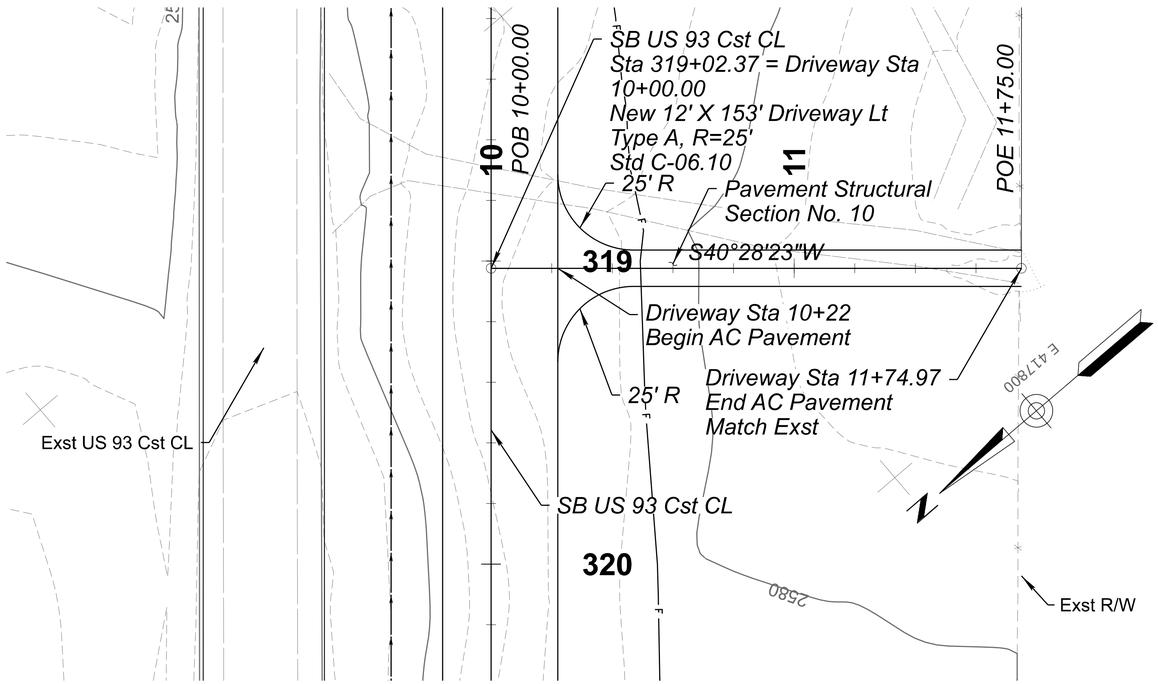
TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

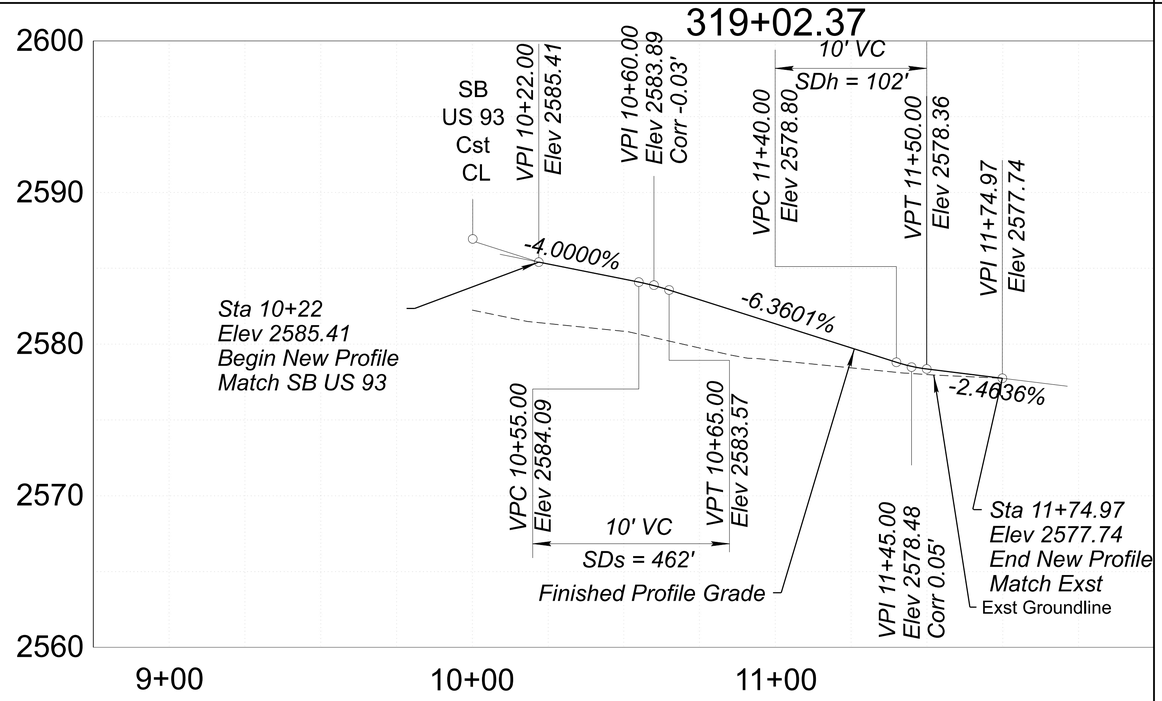
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PLAN & PROFILE SHEET
DRIVEWAY SB US 93 274+34

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	214	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. C-4.22
	TRACS NO. F0738 01C					____ OF____

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	NAME	DATE
DESIGN	S Mutesi	06/26
DRAWN	C VALENZUELA	06/26
CHECKED	D WIGGINS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

Registered Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

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

PLAN & PROFILE SHEET
DRIVEWAY - SB US 93 319+02

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	215	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. C-4.23
	TRACS NO. F0738 01C					____ OF ____

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	216	524	
		093 YV 189			

Exst R/W

2140 2141 2142 2143 2144 2145

US 93 Med Cst CL

New EP

W Leg EP

+37.01 42.76' LT P 2442.72
+50.00 42.24' LT P 2442.98
+75.00 41.24' LT P 2443.49
+06.07 38.00' LT P 2444.33
+25.00 38.00' LT P 2444.53
+50.00 38.00' LT P 2444.02
PT

+37.01 8.29' LT P 2443.41
+50.00 8.29' LT P 2443.66
+75.00 8.29' LT P 2444.15
+00.00 8.29' LT P 2444.63
+25.00 8.29' LT P 2445.12
+35.17 8.29' LT P 2445.34
+50.00 8.89' LT P 2445.60
POE

R=3986.00' R105

R=4014.71'

132 133 134 135 613 614 615 616

600 POB R601 R=1814.71' 601 602

R=999.29' R602

POB PRC 603 604

R=1028.00'

New EP

S Median EP

Future SR 89 Cst CL

301 302 R301

NE Leg EP

100 101 102 103 104

Exst R/W

LEGEND:

◧ Stations and Offsets shown from US 93 Med Cst CL

P Pavement Elevation

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

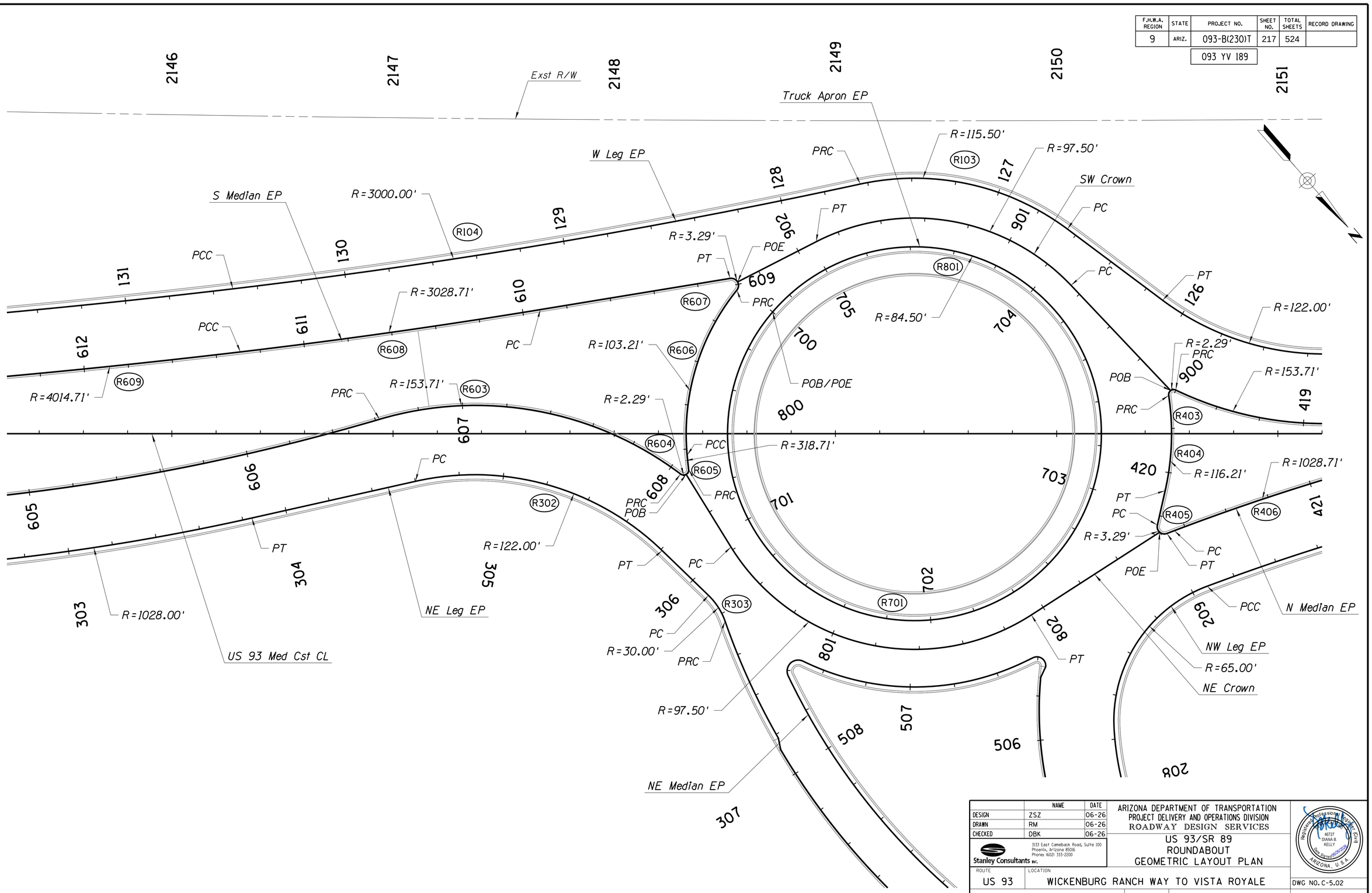
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

US 93/SR 89 ROUNDABOUT GEOMETRIC LAYOUT PLAN

Registered Professional Engineer (Civil) 16727 DIANA B. KELLY As Secretary/Director ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-5.01
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	217	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

US 93/SR 89 ROUNDABOUT GEOMETRIC LAYOUT PLAN

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C | 093-B(230)T

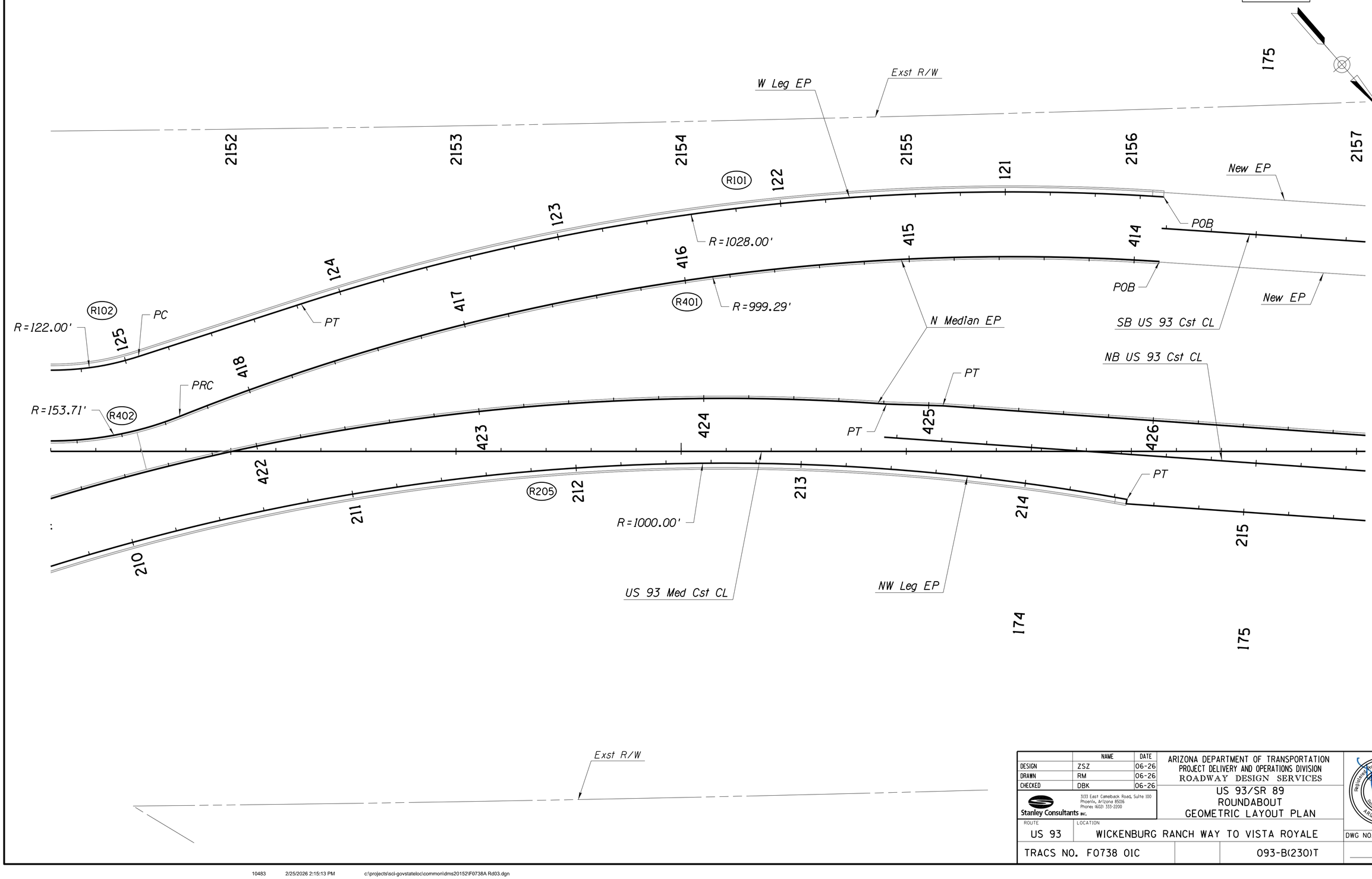
Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

DWG NO. C-5.02

____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	218	524	

093 YV 189



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
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Phone: (602) 333-2200

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

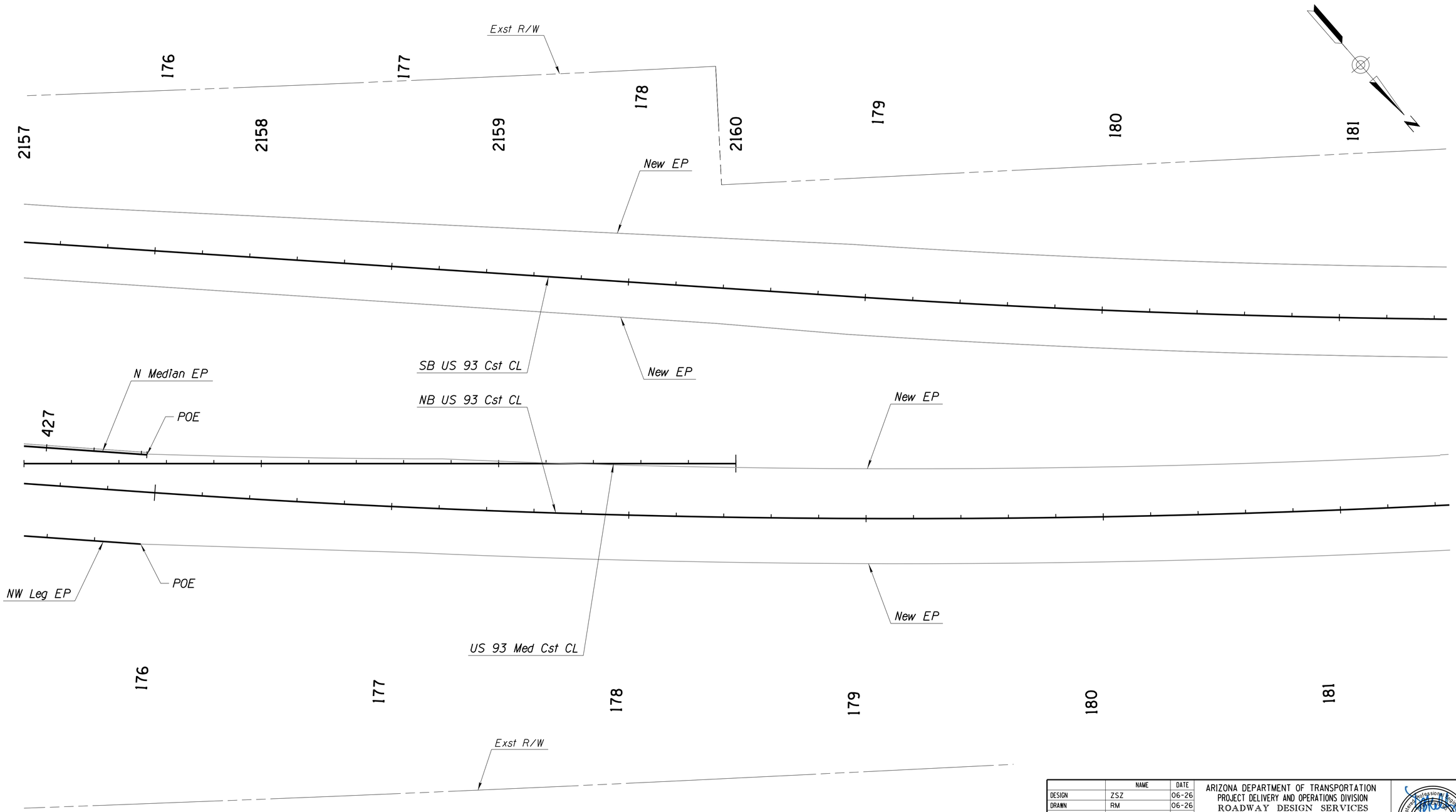
US 93/SR 89
ROUNDABOUT
GEOMETRIC LAYOUT PLAN

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-5.03
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	219	524	

093 YV 189



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

US 93/SR 89 ROUNDABOUT GEOMETRIC LAYOUT PLAN

Registered Professional Engineer (Civil)
60727
DIANA B. KELLY
ARIZONA, U.S.A.
Date Signed 06/26/26

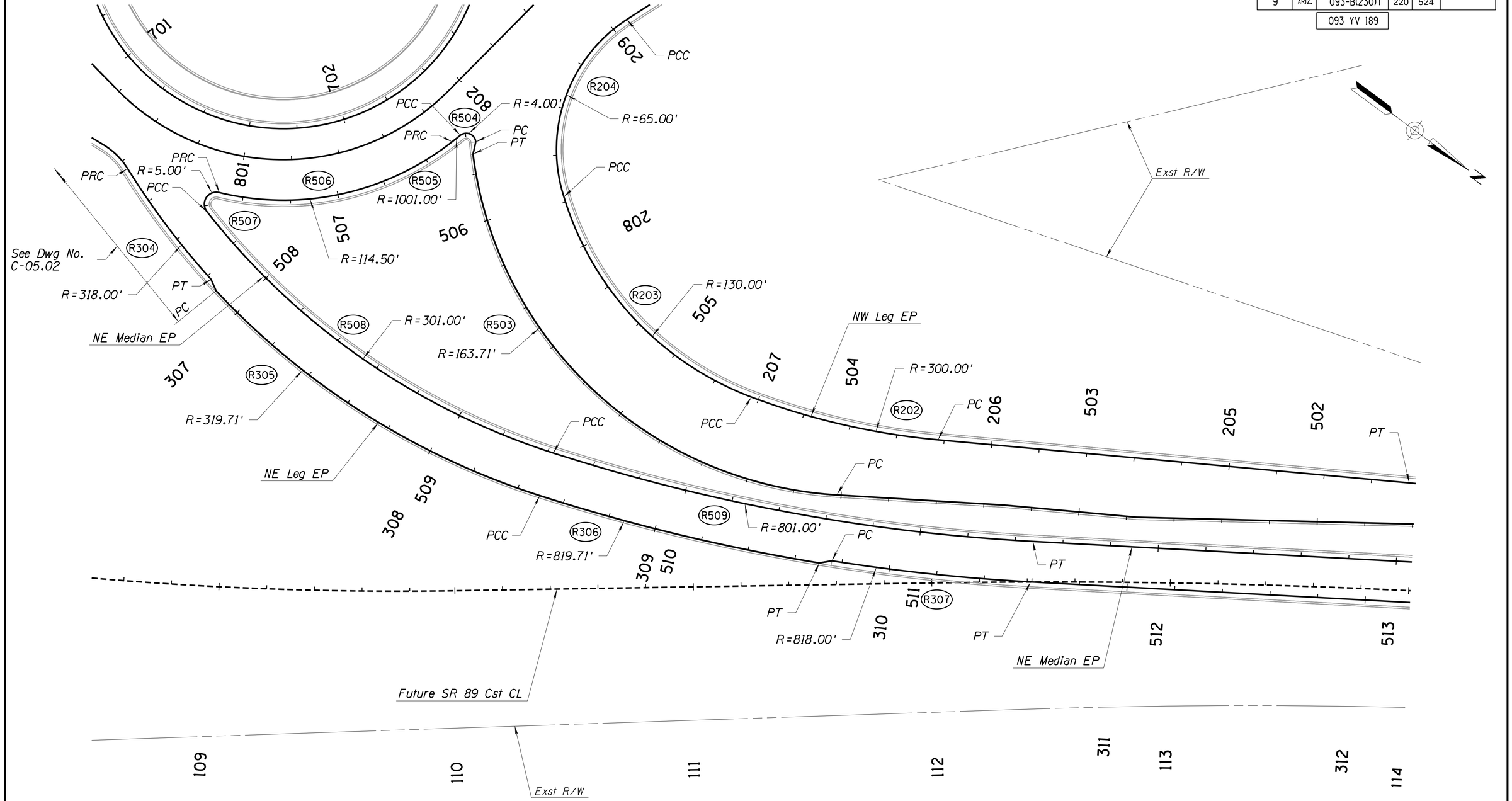
ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. C-5.04

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	220	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
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Phoenix, Arizona 85016
Phone: (602) 333-2200

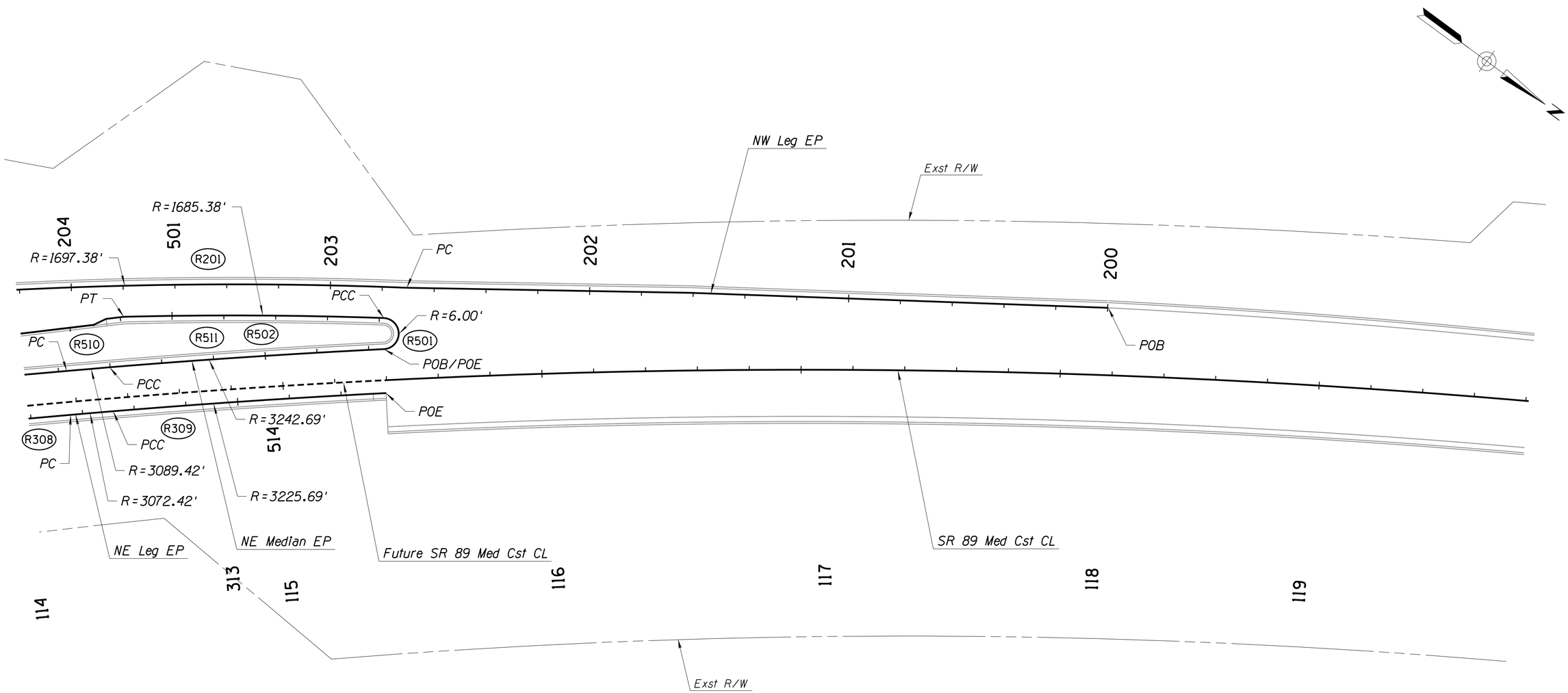
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

US 93/SR 89
ROUNDABOUT
GEOMETRIC LAYOUT PLAN

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 6/26/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. C-5.05
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	221	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

US 93/SR 89 ROUNDABOUT GEOMETRIC LAYOUT PLAN

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C | 093-B(230)T

DWG NO. C-5.06

____ OF ____

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 02/25/26
ARIZONA, U.S.A.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	222	524	
		093 YV 189			

CURB ALIGMENT	POINT DESC	STATION	NORTHING	EASTING	RADIUS	LENGTH	DELTA	BEARING
Truck Apron EP	POB	700+00.00	1101880.09	429556.18				
					84.5	530.93	360°00'00" Lt	
	CC		1101963.70	429544.00				
	POE	705+30.93	1101880.09	429556.18				

CURB ALIGMENT	POINT DESC	STATION	NORTHING	EASTING	RADIUS	LENGTH	DELTA	BEARING
W Leg EP	POB/PC	120+29.60	1102324.47	428958.24				
R101	PI	122+26.17	1102185.87	429097.63	1028	388.45	21°39'01" Lt	
	CC		1103053.45	429683.06				
	PT	124+18.05	1102108.48	429278.32				S 66°50'15"E
	PC	124+93.91	1102078.64	429348.07				
R102	PI	125+57.31	1102053.93	429406.46	122	116.95	54°55'18" Rt	
	CC		1101966.29	429300.52				
	PT	126+10.86	1101991.94	429419.79				S12°08'15"E
	PC	126+64.58	1101939.42	429431.08				
R103	PI	127+17.23	1101887.94	429442.15	115.5	98.81	49°00'54" Lt	
	CC		1101963.70	429544.00				
	PRC	127+63.38	1101862.54	429488.28				
R104	PI	129+07.33	1101793.09	429614.36	3000	287.68	5°29'39" Rt	
	CC		1099234.82	428040.84				
	PCC	130+51.06	1101711.88	429733.22				
R105	PI	132+85.60	1101579.57	429926.87	3986	468.54	6°44'06" Rt	
	CC		1098420.69	427484.61				
	POE/PT	135+19.60	1101425.46	430103.68				

CURB ALIGMENT	POINT DESC	STATION	NORTHING	EASTING	RADIUS	LENGTH	DELTA	BEARING
NW Leg EP	POB	200+00.00	1102858.55	429256.18				
	PI	201+60.49	1102714.58	429327.09				
	PC	202+70.51	1102616.78	429377.49				
R201	PI	203+47.40	1102547.69	429411.23	1697.38	153.66	5°11'13" Lt	
	CC		1103361.59	430902.73				
	PT	204+24.18	1102481.94	429451.07				S 31°12'52"E
	PC	206+22.58	1102312.25	429553.90				
R202	PI	206+63.07	1102277.62	429574.88	300	80.49	15°22'20" Rt	
	CC		1102156.78	429297.33				
	PCC	207+03.07	1102238.67	429585.93				
R203	PI	207+68.57	1102175.67	429603.81	130	121.34	53°28'41" Rt	
	CC		1102203.19	429460.87				
	PCC	208+24.41	1102123.80	429563.82				
R204	PI	208+72.40	1102085.80	429534.51	65	82.68	72°52'40" Rt	
	CC		1102163.49	429512.34				
	PCC	209+07.09	1102102.62	429489.56				
R205	PI	211+83.09	1102199.34	429231.06	1000	538.6	30°51'34" Rt	
	CC		1103039.20	429840.00				
	PT	214+45.69	1102414.96	429058.77				N 51°13'51"E
	PI	214+47.69	1102416.21	429060.33				
	POE	215+99.56	1102523.77	428953.1				

NOTE:
Radius and Length dimensions are shown in feet unless otherwise noted.

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

US 93/SR 89
ROUNDABOUT
GEOMETRIC DATA SHEET

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-5.07
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	223	524	
		093 YV 189			

CURB ALIGMENT	POINT DESC	STATION	NORTHING	EASTING	RADIUS	LENGTH	DELTA	BEARING
NE Leg EP	POB	300+18.33	1101568.35	430079.15				
R301	PI	302+03.23	1101707.54	429957.44	1028	365.88	20°23'33" Lt	
	CC		1100891.65	429305.29				
	PT	303+84.21	1101795.59	429794.86				N 61°33'35"W
	PC	304+60.08	1101831.72	429728.14				
R302	PI	305+25.86	1101863.05	429670.31	122	120.65	56°39'41" Rt	
	CC		1101939.00	429786.24				
	PT	305+80.73	1101928.58	429664.69				N 04°53'55"W
	PC	306+09.88	1101957.62	429662.20				
R303	PI	306+17.00	1101964.72	429661.59	30	13.98	26°42'10" Rt	
	CC		1101960.19	429692.09				
	PRC	306+23.86	1101971.33	429664.24				
R304	PI	306+53.03	1101998.41	429675.07	318	58.17	10°28'50" Lt	
	CC		1102089.45	429368.99				
	PT	306+82.03	1102027.01	429680.80				N 29°37'12"E
	PC	306+87.35	1102031.63	429683.43				
R305	PI	307+70.28	1102113.19	429698.42	319.71	162.28	29°04'58" Lt	
	CC		1102089.45	429368.99				
	PCC	308+49.63	1102191.76	429671.88				
R306	PI	309+10.11	1102249.06	429652.53	819.71	120.75	8°26'24" Lt	
	CC		1101929.43	428895.28				
	PT	309+70.38	1102302.91	429624.97				N 46°10'41"W
	PC	309+75.66	1102306.56	429621.16				
R307	PI	310+17.63	1102343.80	429601.81	818	83.87	5°52'27" Lt	
	CC		1101929.43	428895.28				
	PT	310+59.53	1102378.87	429578.75				N 33°19'41"W
	PC	312+35.36	1102525.79	429482.14				
R308	PI	312+43.61	1102532.68	429477.61	3072.42	16.49	0°18'27" Rt	
	CC		1104213.88	432049.27				
	PCC	312+51.85	1102539.59	429473.12				
R309	PI	313+04.62	1102583.83	429444.37	3225.69	105.52	1°52'28" Rt	
	CC		1104297.40	432177.78				
	POE	313+57.37	1102628.99	429417.07				

CURB ALIGMENT	POINT DESC	STATION	NORTHING	EASTING	RADIUS	LENGTH	DELTA	BEARING
N MEDIAN EP	POB/PC	413+88.76	1102344.83	428978.48				
R401	PI	416+14.63	1102185.57	429138.65	999.29	444.28	25°28'23" Lt	
	CC		1103053.45	429683.06				
	PRC	418+33.04	1102110.68	429351.74				
R402	PI	419+00.41	1102088.34	429415.30	153.71	126.99	47°20'11" Rt	
	CC		1101965.67	429300.78				
	PRC	419+60.03	1102026.47	429441.95				
R403	PI	419+64.36	1102022.49	429443.67	2.29	4.97	124°12'02" Lt	
	CC		1102027.37	429444.06				
	PRC	419+65.00	1102026.14	429445.99				
R404	PI	419+86.92	1102044.63	429457.77	116.21	43.33	21°21'51" Rt	
	CC		1101963.71	429544.00				
	PT	420+08.33	1102057.56	429475.47				N 53°51'47"E
	PC	420+24.32	1102066.99	429488.39				
R405	PI	420+30.46	1102070.61	429493.35	3.29	7.1	123°37'46" Lt	
	CC		1102069.65	429486.45				
	PT	420+31.42	1102072.74	429487.59				N 69°46'00"W
	PC	420+35.01	1102073.98	429484.22				
R406	PI	422+61.69	1102152.37	429271.53	1028.71	446.24	24°51'14" Rt	
	CC		1103039.20	429840.00				
	PT	424+81.25	1102312.91	429111.48				N 47°12'12"W
	PI	425+06.27	1102329.91	429093.12				
	POE	427+42.41	1102497.14	428926.40				

NOTE:
Radius and Length dimensions are shown in feet unless otherwise noted.

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
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Phone: (602) 333-2200

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

US 93/SR 89
ROUNDABOUT
GEOMETRIC DATA SHEET

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. C-5.08
TRACS NO. F0738 01C		093-B(230)T — OF —

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	224	524	
		093 YV 189			

CURB ALIGMENT	POINT DESC	STATION	NORTHING	EASTING	RADIUS	LENGTH	DELTA	BEARING
NE MEDIAN EP	POB	500+00.00	1102620.20	429402.52				
R501	PI	501+42.25	1102741.94	429328.95	6.00	18.34	175°10'09" Lt	
	CC		1102617.10	429397.39				
	PCC	500+18.34	1102614.44	429392.01				
R502	PI	500+68.52	1102569.46	429414.25	1685.38	100.32	3°24'37" Lt	
	CC		1103361.59	430902.73				
	PT	501+18.66	1102525.89	429439.13				S 35°01'42"W
	PI	501+25.50	1102520.30	429443.06				
	PI	501+30.78	1102517.18	429447.32				
	PI	502+75.82	1102398.41	429530.57				
	PI	503+31.72	1102350.60	429559.55				
	PC	504+01.83	1102291.79	429597.69				
R503	PI	505+37.55	1102177.91	429671.54	163.71	226.64	79°19'15" Rt	
	CC		1102202.71	429460.34				
	PT	506+28.47	1102084.24	429573.32				S 66°11'10"W
	PC	506+33.73	1102082.12	429568.51				
R504	PI	506+41.01	1102077.25	429563.08	4.00	8.55	122°28'27" Lt	
	CC		1102079.14	429571.18				
	PCC	506+42.28	1102075.29	429570.10				
R505	PI	506+44.49	1102074.69	429572.23	1001.00	4.43	0°15'12" Lt	
	CC		1103039.26	429839.85				
	PRC	506+46.70	1102074.10	429574.37				
R506	PI	507+02.30	1102059.36	429627.97	114.50	103.51	51°47'45" Rt	
	CC		1101963.71	429544.00				
	PRC	507+50.21	1102008.12	429649.54				
R507	PI	507+64.58	1101994.88	429655.11	5.00	12.36	141°37'08" Lt	
	CC		1102010.06	429654.14				
	PCC	507+62.57	1102008.72	429658.96				
R508	PI	508+55.23	1102097.99	429683.81	301.00	179.78	34°13'16" Lt	
	CC		1102089.45	429368.99				
	PCC	509+42.35	1102185.77	429654.16				
R509	PI	510+45.42	1102283.42	429621.18	801.00	205	14°39'50" Lt	
	CC		1101929.43	428895.28				
	PT	511+47.35	1102369.53	429564.55				S 33°19'41"W
	PC	513+23.19	1102516.45	429467.94				
R510	PI	513+31.48	1102523.37	429463.38	3089.42	16.59	0°18'27" Rt	
	CC		1104213.88	432049.27				
	PCC	513+39.77	1102530.33	429458.87				
R511	PI	513+92.81	1102574.80	429429.96	3242.69	106.08	1°52'28" Rt	
	CC		1104297.40	432177.78				
	POE	514+45.85	1102620.20	429402.52				

CURB ALIGMENT	POINT DESC	STATION	NORTHING	EASTING	RADIUS	LENGTH	DELTA	BEARING
S MEDIAN EP	POB	600+00.00	1101380.19	430227.59				
R601	PI	601+21.22	1101459.84	430136.21	1814.71	242.08	7°38'35" Rt	
	CC		1102748.18	431419.98				
	PRC	602+42.08	1101550.93	430056.24				
R602	PI	604+55.14	1101711.05	429915.67	999.29	419.85	24°04'21" Lt	
	CC		1100891.66	429305.28				
	PRC	606+61.92	1101799.90	429722.02				
R603	PI	607+39.36	1101832.20	429651.63	153.71	143.47	53°28'52" Rt	
	CC		1101939.61	429786.12				
	PRC	608+05.40	1101907.99	429635.70				
R604	PI	608+10.74	1101913.22	429634.60	2.29	5.34	133°36'13" Lt	
	CC		1101907.52	429633.46				
	PRC	608+10.74	1101908.82	429631.57				
R605	PI	608+14.00	1101906.13	429629.72	318.71	6.52	1°10'17" Rt	
	CC		1102089.45	429368.99				
	PCC	608+17.26	1101903.48	429627.82				
R606	PI	608+59.31	1101869.33	429603.28	103.21	79.87	44°20'29" Rt	
	CC		1101963.70	429544.00				
	PRC	608+97.13	1101862.05	429561.86				
R607	PI	609+05.77	1101860.56	429553.35	3.29	7.95	138°17'11" Lt	
	CC		1101858.81	429562.43				
	PT	609+05.07	1101856.01	429560.69				S 58°14'56"W
	PC	609+92.03	1101810.25	429634.64				
R608	PI	610+60.51	1101774.22	429692.87	3028.71	136.94	2°35'26" Rt	
	CC		1099234.82	428040.84				
	PCC	611+28.97	1101735.58	429749.41				
R609	PI	613+65.20	1101602.32	429944.46	4014.71	471.92	6°44'06" Rt	
	CC		1098420.69	427484.61				
	POE	616+00.88	1101447.10	430122.54				

CURB ALIGMENT	POINT DESC	STATION	NORTHING	EASTING	RADIUS	LENGTH	DELTA	BEARING
NE CROWN	POB	800+00.00	1101909.76	429633.91				
	PC	800+38.55	1101947.80	429640.19				
R701	PI	801+38.00	1102045.92	429656.42	97.50	155.09	91°08'07" Lt	
	CC		1101963.71	429544.00				
	PT	801+93.64	1102060.20	429558.00				
	POE	802+62.64	1102070.10	429489.71				

CURB ALIGMENT	POINT DESC	STATION	NORTHING	EASTING	RADIUS	LENGTH	DELTA	BEARING
SW CROWN	POB	900+00.00	1102025.09	429443.87				
	PC	900+65.48	1101959.67	429446.58				
R801	PI	901+38.45	1101886.75	429449.61	97.50	125.29	73°37'43" Lt	
	CC		1101963.71	429544.00				
	PT	901+90.77	1101869.10	429520.42				
	POE	902+30.74	1101859.43	429559.19				

NOTE:
Radius and Length dimensions are shown in feet unless otherwise noted.

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

US 93/SR 89
ROUNDABOUT
GEOMETRIC DATA SHEET

Registered Professional Engineer (Civil) 16727 DIANA B. KELLY Date Signed 06/30/26 ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-5.09
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

CURB ALIGNMENT	STATION	ELEV
W Leg EP	120+29.60	2449.98
	120+30.00	2449.98
	120+35.00	2450.03
	120+40.00	2450.07
	120+45.00	2450.11
	120+50.00	2450.15
	120+55.00	2450.19
	120+60.00	2450.23
	120+65.00	2450.27
	120+70.00	2450.31
	120+75.00	2450.35
	120+80.00	2450.38
	120+85.00	2450.42
	120+90.00	2450.46
	120+95.00	2450.50
	121+00.00	2450.53
	121+05.00	2450.57
	121+10.00	2450.61
	121+15.00	2450.64
	121+20.00	2450.68
	121+25.00	2450.72
	121+30.00	2450.75
	121+35.00	2450.79
	121+40.00	2450.82
	121+45.00	2450.86
	121+50.00	2450.89
	121+55.00	2450.92
	121+60.00	2450.96
	121+65.00	2450.99
	121+70.00	2451.02
	121+75.00	2451.05
	121+80.00	2451.09
	121+85.00	2451.12
	121+90.00	2451.15
	121+95.00	2451.18
	122+00.00	2451.21
	122+05.00	2451.24
	122+10.00	2451.27
	122+15.00	2451.30
	122+20.00	2451.33
	122+25.00	2451.36
	122+30.00	2451.40
	122+35.00	2451.43
	122+40.00	2451.46
	122+45.00	2451.49
	122+50.00	2451.52
	122+55.00	2451.55
	122+60.00	2451.58
	122+65.00	2451.61
	122+70.00	2451.64
	122+75.00	2451.67
	122+80.00	2451.70
	122+85.00	2451.73
	122+90.00	2451.76
	122+95.00	2451.79
	123+00.00	2451.82
	123+05.00	2451.85
	123+10.00	2451.88
	123+15.00	2451.92
	123+20.00	2451.95
	123+25.00	2451.98
	123+30.00	2452.01
	123+35.00	2452.04
	123+40.00	2452.07
	123+45.00	2452.10

CURB ALIGNMENT	STATION	ELEV
W Leg EP	123+50.00	2452.13
	123+55.00	2452.16
	123+60.00	2452.19
	123+65.00	2452.22
	123+70.00	2452.25
	123+75.00	2452.28
	123+80.00	2452.31
	123+85.00	2452.34
	123+90.00	2452.37
	123+95.00	2452.40
	124+00.00	2452.44
	124+05.00	2452.47
	124+10.00	2452.50
	124+15.00	2452.53
	124+20.00	2452.56
	124+25.00	2452.59
	124+30.00	2452.62
	124+35.00	2452.65
	124+40.00	2452.68
	124+45.00	2452.71
	124+50.00	2452.74
	124+55.00	2452.77
	124+60.00	2452.80
	124+65.00	2452.83
	124+70.00	2452.86
	124+75.00	2452.89
	124+80.00	2452.92
	124+85.00	2452.96
	124+90.00	2452.99
	124+95.00	2453.02
	125+00.00	2453.05
	125+05.00	2453.08
	125+10.00	2453.11
	125+15.00	2453.15
	125+20.00	2453.20
	125+25.00	2453.24
	125+30.00	2453.29
	125+35.00	2453.34
	125+40.00	2453.40
	125+45.00	2453.46
	125+50.00	2453.52
	125+55.00	2453.58
	125+60.00	2453.64
	125+65.00	2453.71
	125+70.00	2453.77
	125+75.00	2453.83
	125+80.00	2453.90
	125+85.00	2453.96
	125+90.00	2454.03
	125+95.00	2454.09
	126+00.00	2454.15
	126+05.00	2454.22
	126+10.00	2454.28
	126+15.00	2454.34
	126+20.00	2454.41
	126+25.00	2454.47
	126+30.00	2454.53
	126+35.00	2454.60
	126+40.00	2454.66
	126+45.00	2454.72
	126+50.00	2454.77
	126+55.00	2454.82
	126+60.00	2454.86
	126+65.00	2454.91
	126+70.00	2454.94

CURB ALIGNMENT	STATION	ELEV
W Leg EP	126+75.00	2454.98
	126+80.00	2455.01
	126+85.00	2455.03
	126+90.00	2455.05
	126+95.00	2455.08
	127+00.00	2455.10
	127+05.00	2455.12
	127+10.00	2455.15
	127+15.00	2455.17
	127+20.00	2455.19
	127+25.00	2455.22
	127+30.00	2455.24
	127+35.00	2455.26
	127+40.00	2455.29
	127+45.00	2455.31
	127+50.00	2455.33
	127+55.00	2455.36
	127+60.00	2455.38
	127+65.00	2455.40
	127+70.00	2455.43
	127+75.00	2455.45
	127+80.00	2455.47
	127+85.00	2455.49
	127+90.00	2455.52
	127+95.00	2455.54
	128+00.00	2455.56
	128+05.00	2455.59
	128+10.00	2455.61
	128+15.00	2455.63
	128+20.00	2455.65
	128+25.00	2455.64
	128+30.00	2455.61
	128+35.00	2455.57
	128+40.00	2455.50
	128+45.00	2455.41
	128+50.00	2455.31
	128+55.00	2455.18
	128+60.00	2455.03
	128+65.00	2454.86
	128+70.00	2454.69
	128+75.00	2454.51
	128+80.00	2454.33
	128+85.00	2454.16
	128+90.00	2453.98
	128+95.00	2453.80
	129+00.00	2453.63
	129+05.00	2453.45
	129+10.00	2453.27
	129+15.00	2453.09
	129+20.00	2452.92
	129+25.00	2452.74
	129+30.00	2452.56
	129+35.00	2452.39
	129+40.00	2452.22
	129+45.00	2452.06
	129+50.00	2451.92
	129+55.00	2451.80
	129+60.00	2451.69
	129+65.00	2451.59
	129+70.00	2451.51
	129+75.00	2451.44
	129+80.00	2451.39
	129+85.00	2451.36
	129+90.00	2451.33
	129+95.00	2451.30

CURB ALIGNMENT	STATION	ELEV
W Leg EP	130+00.00	2451.27
	130+05.00	2451.24
	130+10.00	2451.21
	130+15.00	2451.19
	130+20.00	2451.16
	130+25.00	2451.13
	130+30.00	2451.10
	130+35.00	2451.07
	130+40.00	2451.04
	130+45.00	2451.01
	130+50.00	2450.98
	130+55.00	2450.96
	130+60.00	2450.93
	130+65.00	2450.90
	130+70.00	2450.87
	130+75.00	2450.84
	130+80.00	2450.81
	130+85.00	2450.78
	130+90.00	2450.76
	130+95.00	2450.73
	131+00.00	2450.70
	131+05.00	2450.67
	131+10.00	2450.64
	131+15.00	2450.61
	131+20.00	2450.58
	131+25.00	2450.56
	131+30.00	2450.53
	131+35.00	2450.50
	131+40.00	2450.47
	131+45.00	2450.44
	131+50.00	2450.41
	131+55.00	2450.38
	131+60.00	2450.36
	131+65.00	2450.33
	131+70.00	2450.30
	131+75.00	2450.27
	131+80.00	2450.24
	131+85.00	2450.21
	131+90.00	2450.18
	131+95.00	2450.15
	132+00.00	2450.13
	132+05.00	2450.10
	132+10.00	2450.07
	132+15.00	2450.04
	132+20.00	2450.01
	132+25.00	2449.98
	132+30.00	2449.95
	132+35.00	2449.93
	132+40.00	2449.90
	132+45.00	2449.87
	132+50.00	2449.83
	132+55.00	2449.80
	132+60.00	2449.76
	132+65.00	2449.71
	132+70.00	2449.67

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	225	524	

093 YV 189

CURB ALIGNMENT	STATION	ELEV
W Leg EP	132+75.00	2449.62
	132+80.00	2449.56
	132+85.00	2449.50
	132+90.00	2449.44
	132+95.00	2449.38
	133+00.00	2449.31
	133+05.00	2449.23
	133+10.00	2449.16
	133+15.00	2449.08
	133+20.00	2449.00
	133+25.00	2448.91
	133+30.00	2448.82
	133+35.00	2448.72
	133+40.00	2448.63
	133+45.00	2448.53
	133+50.00	2448.43
	133+55.00	2448.33
	133+60.00	2448.23
	133+65.00	2448.13
	133+70.00	2448.03
	133+75.00	2447.93
	133+80.00	2447.83
	133+85.00	2447.73
	133+90.00	2447.63
	133+95.00	2447.53
	134+00.00	2447.43
	134+05.00	2447.33
	134+10.00	2447.23
	134+15.00	2447.13
	134+20.00	2447.03
	134+25.00	2446.93
	134+30.00	2446.83
	134+35.00	2446.73
	134+40.00	2446.63
	134+45.00	2446.53
	134+50.00	2446.43
	134+55.00	2446.33
	134+60.00	2446.23
	134+65.00	2446.13
	134+70.00	2446.03
	134+75.00	2445.93
	134+80.00	2445.83
	134+85.00	2445.73
	134+90.00	2445.63
	134+95.00	2445.53
	135+00.00	2445.43
	135+05.00	2445.33
	135+10.00	2445.23
	135+15.00	2445.13
	135+19.60	2445.03

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

US 93/SR 89
ROUNDABOUT
STAKING TABLES

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/26/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	C-5.10
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

CURB ALIGNMENT	STATION	ELEV
NW Leg EP	200+00.00	2450.46
	200+05.00	2450.46
	200+10.00	2450.47
	200+15.00	2450.48
	200+20.00	2450.50
	200+25.00	2450.52
	200+30.00	2450.54
	200+35.00	2450.57
	200+40.00	2450.60
	200+45.00	2450.63
	200+50.00	2450.67
	200+55.00	2450.70
	200+60.00	2450.74
	200+65.00	2450.77
	200+70.00	2450.80
	200+75.00	2450.84
	200+80.00	2450.87
	200+85.00	2450.91
	200+90.00	2450.94
	200+95.00	2450.98
	201+00.00	2451.02
	201+05.00	2451.07
	201+10.00	2451.11
	201+15.00	2451.15
	201+20.00	2451.20
	201+25.00	2451.25
	201+30.00	2451.30
	201+35.00	2451.35
	201+40.00	2451.40
	201+45.00	2451.46
	201+50.00	2451.51
	201+55.00	2451.57
	201+60.00	2451.63
	201+65.00	2451.69
	201+70.00	2451.75
	201+75.00	2451.81
	201+80.00	2451.88
	201+85.00	2451.94
	201+90.00	2452.01
	201+95.00	2452.08
	202+00.00	2452.15
	202+05.00	2452.22
	202+10.00	2452.30
	202+15.00	2452.37
	202+20.00	2452.45
	202+25.00	2452.53
	202+30.00	2452.61
	202+35.00	2452.69
	202+40.00	2452.77
	202+45.00	2452.86
	202+50.00	2452.94
	202+55.00	2453.03
	202+60.00	2453.12
	202+65.00	2453.21
	202+70.00	2453.30
	202+75.00	2453.39
	202+80.00	2453.49
	202+85.00	2453.59
	202+90.00	2453.68
	202+95.00	2453.78
	203+00.00	2453.88
	203+05.00	2453.99
	203+10.00	2454.09
	203+15.00	2454.20
	203+20.00	2454.30

CURB ALIGNMENT	STATION	ELEV
NW Leg EP	203+25.00	2454.41
	203+30.00	2454.52
	203+35.00	2454.63
	203+40.00	2454.75
	203+45.00	2454.86
	203+50.00	2454.98
	203+55.00	2455.10
	203+60.00	2455.22
	203+65.00	2455.34
	203+70.00	2455.46
	203+75.00	2455.58
	203+80.00	2455.71
	203+85.00	2455.83
	203+90.00	2455.96
	203+95.00	2456.09
	204+00.00	2456.22
	204+05.00	2456.36
	204+10.00	2456.49
	204+15.00	2456.63
	204+20.00	2456.76
	204+25.00	2456.90
	204+30.00	2457.04
	204+35.00	2457.19
	204+40.00	2457.33
	204+45.00	2457.47
	204+50.00	2457.62
	204+55.00	2457.77
	204+60.00	2457.92
	204+65.00	2458.07
	204+70.00	2458.22
	204+75.00	2458.38
	204+80.00	2458.53
	204+85.00	2458.69
	204+90.00	2458.85
	204+95.00	2459.01
	205+00.00	2459.17
	205+05.00	2459.33
	205+10.00	2459.50
	205+15.00	2459.66
	205+20.00	2459.83
	205+25.00	2460.00
	205+30.00	2460.17
	205+35.00	2460.34
	205+40.00	2460.51
	205+45.00	2460.68
	205+50.00	2460.85
	205+55.00	2461.02
	205+60.00	2461.19
	205+65.00	2461.36
	205+70.00	2461.53
	205+75.00	2461.70
	205+80.00	2461.87
	205+85.00	2462.04
	205+90.00	2462.21
	205+95.00	2462.38
	206+00.00	2462.55
	206+05.00	2462.71
	206+10.00	2462.85
	206+15.00	2462.98
	206+20.00	2463.09
	206+25.00	2463.18
	206+30.00	2463.25
	206+35.00	2463.31
	206+40.00	2463.34
	206+45.00	2463.36

CURB ALIGNMENT	STATION	ELEV
NW Leg EP	206+50.00	2463.37
	206+55.00	2463.35
	206+60.00	2463.32
	206+65.00	2463.27
	206+70.00	2463.20
	206+75.00	2463.11
	206+80.00	2463.01
	206+85.00	2462.89
	206+90.00	2462.75
	206+95.00	2462.59
	207+00.00	2462.42
	207+05.00	2462.23
	207+10.00	2462.05
	207+15.00	2461.87
	207+20.00	2461.68
	207+25.00	2461.50
	207+30.00	2461.32
	207+35.00	2461.13
	207+40.00	2460.95
	207+45.00	2460.77
	207+50.00	2460.58
	207+55.00	2460.40
	207+60.00	2460.22
	207+65.00	2460.03
	207+70.00	2459.85
	207+75.00	2459.67
	207+80.00	2459.48
	207+85.00	2459.30
	207+90.00	2459.12
	207+95.00	2458.93
	208+00.00	2458.75
	208+05.00	2458.57
	208+10.00	2458.38
	208+15.00	2458.20
	208+20.00	2458.02
	208+25.00	2457.83
	208+30.00	2457.65
	208+35.00	2457.47
	208+40.00	2457.28
	208+45.00	2457.10
	208+50.00	2456.92
	208+55.00	2456.73
	208+60.00	2456.55
	208+65.00	2456.37
	208+70.00	2456.18
	208+75.00	2456.00
	208+80.00	2455.82
	208+85.00	2455.63
	208+90.00	2455.45
	208+95.00	2455.27
	209+00.00	2455.08
	209+05.00	2454.90
	209+10.00	2454.72
	209+15.00	2454.53
	209+20.00	2454.35
	209+25.00	2454.17
	209+30.00	2453.99
	209+35.00	2453.83
	209+40.00	2453.68
	209+45.00	2453.54
	209+50.00	2453.42
	209+55.00	2453.31
	209+60.00	2453.22
	209+65.00	2453.14
	209+70.00	2453.07

CURB ALIGNMENT	STATION	ELEV
NW Leg EP	209+75.00	2453.01
	209+80.00	2452.97
	209+85.00	2452.92
	209+90.00	2452.87
	209+95.00	2452.82
	210+00.00	2452.78
	210+05.00	2452.73
	210+10.00	2452.68
	210+15.00	2452.63
	210+20.00	2452.59
	210+25.00	2452.54
	210+30.00	2452.49
	210+35.00	2452.44
	210+40.00	2452.40
	210+45.00	2452.35
	210+50.00	2452.30
	210+55.00	2452.26
	210+60.00	2452.21
	210+65.00	2452.16
	210+70.00	2452.11
	210+75.00	2452.07
	210+80.00	2452.02
	210+85.00	2451.97
	210+90.00	2451.92
	210+95.00	2451.88
	211+00.00	2451.83
	211+05.00	2451.78
	211+10.00	2451.73
	211+15.00	2451.69
	211+20.00	2451.64
	211+25.00	2451.59
	211+30.00	2451.54
	211+35.00	2451.50
	211+40.00	2451.45
	211+45.00	2451.40
	211+50.00	2451.36
	211+55.00	2451.31
	211+60.00	2451.26
	211+65.00	2451.21
	211+70.00	2451.17
	211+75.00	2451.12
	211+80.00	2451.07
	211+85.00	2451.02
	211+90.00	2450.98
	211+95.00	2450.93
	212+00.00	2450.88
	212+05.00	2450.83
	212+10.00	2450.79
	212+15.00	2450.74
	212+20.00	2450.69
	212+25.00	2450.64
	212+30.00	2450.60
	212+35.00	2450.55
	212+40.00	2450.50
	212+45.00	2450.46

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	226	524	

093 YV 189

CURB ALIGNMENT	STATION	ELEV
NW Leg EP	212+50.00	2450.41
	212+55.00	2450.36
	212+60.00	2450.31
	212+65.00	2450.27
	212+70.00	2450.22
	212+75.00	2450.17
	212+80.00	2450.12
	212+85.00	2450.08
	212+90.00	2450.03
	212+95.00	2449.98
	213+00.00	2449.93
	213+05.00	2449.89
	213+10.00	2449.84
	213+15.00	2449.79
	213+20.00	2449.74
	213+25.00	2449.70
	213+30.00	2449.65
	213+35.00	2449.60
	213+40.00	2449.56
	213+45.00	2449.51
	213+50.00	2449.46
	213+55.00	2449.41
	213+60.00	2449.37
	213+65.00	2449.32
	213+70.00	2449.27
	213+75.00	2449.22
	213+80.00	2449.18
	213+85.00	2449.13
	213+90.00	2449.08
	213+95.00	2449.03
	214+00.00	2448.99
	214+05.00	2448.94
	214+10.00	2448.89
	214+15.00	2448.84
	214+20.00	2448.80
	214+25.00	2448.75
	214+30.00	2448.70
	214+35.00	2448.66
	214+40.00	2448.61
	214+45.00	2448.56
	214+50.00	2448.51
	214+55.00	2448.47
	214+60.00	2448.42
	214+65.00	2448.37
	214+70.00	2448.32
	214+75.00	2448.28
	214+80.00	2448.23
	214+85.00	2448.21
	214+90.00	2448.20
	214+95.00	2448.20

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

US 93/SR 89
ROUNDABOUT
STAKING TABLES

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 05/06/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	C-5.11
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

CURB ALIGNMENT	STATION	ELEV
NW Leg EP	215+00.00	2448.19
	215+05.00	2448.18
	215+10.00	2448.17
	215+15.00	2448.16
	215+20.00	2448.16
	215+25.00	2448.15
	215+30.00	2448.14
	215+35.00	2448.13
	215+40.00	2448.12
	215+45.00	2448.12
	215+50.00	2448.11
	215+55.00	2448.10
	215+60.00	2448.09
	215+65.00	2448.08
	215+70.00	2448.08
	215+75.00	2448.07
	215+80.00	2448.06
	215+85.00	2448.05
	215+90.00	2448.04
	215+95.00	2448.03
	215+99.56	2448.03

CURB ALIGNMENT	STATION	ELEV
NE Leg EP	300+18.33	2447.02
	300+20.00	2447.04
	300+25.00	2447.11
	300+30.00	2447.18
	300+35.00	2447.25
	300+40.00	2447.32
	300+45.00	2447.39
	300+50.00	2447.47

CURB ALIGNMENT	STATION	ELEV
NE Leg EP	300+55.00	2447.54
	300+60.00	2447.61
	300+65.00	2447.68
	300+70.00	2447.75
	300+75.00	2447.82
	300+80.00	2447.89
	300+85.00	2447.96
	300+90.00	2448.03
	300+95.00	2448.10
	301+00.00	2448.17
	301+05.00	2448.24
	301+10.00	2448.31
	301+15.00	2448.38
	301+20.00	2448.45
	301+25.00	2448.52
	301+30.00	2448.59
	301+35.00	2448.66
	301+40.00	2448.73
	301+45.00	2448.80
	301+50.00	2448.88
	301+55.00	2448.95
	301+60.00	2449.02
	301+65.00	2449.09
	301+70.00	2449.16
	301+75.00	2449.23
	301+80.00	2449.30
	301+85.00	2449.37
	301+90.00	2449.44
	301+95.00	2449.51
	302+00.00	2449.58
	302+05.00	2449.65
	302+10.00	2449.72
	302+15.00	2449.79
	302+20.00	2449.86
	302+25.00	2449.93
	302+30.00	2450.00
	302+35.00	2450.07
	302+40.00	2450.14
	302+45.00	2450.21
	302+50.00	2450.29
	302+55.00	2450.36
	302+60.00	2450.43
	302+65.00	2450.50
	302+70.00	2450.57
	302+75.00	2450.64
	302+80.00	2450.71
	302+85.00	2450.78
	302+90.00	2450.85
	302+95.00	2450.92
	303+00.00	2450.99
	303+05.00	2451.06
	303+10.00	2451.13
	303+15.00	2451.20
	303+20.00	2451.27
	303+25.00	2451.34
	303+30.00	2451.41
	303+35.00	2451.48
	303+40.00	2451.55
	303+45.00	2451.62
	303+50.00	2451.70
	303+55.00	2451.77
	303+60.00	2451.84
	303+65.00	2451.92
	303+70.00	2451.99
	303+75.00	2452.07

CURB ALIGNMENT	STATION	ELEV
NE Leg EP	303+80.00	2452.16
	303+85.00	2452.24
	303+90.00	2452.33
	303+95.00	2452.42
	304+00.00	2452.51
	304+05.00	2452.60
	304+10.00	2452.69
	304+15.00	2452.79
	304+20.00	2452.89
	304+25.00	2452.99
	304+30.00	2453.10
	304+35.00	2453.20
	304+40.00	2453.31
	304+45.00	2453.42
	304+50.00	2453.53
	304+55.00	2453.64
	304+60.00	2453.76
	304+65.00	2453.87
	304+70.00	2453.98
	304+75.00	2454.10
	304+80.00	2454.21
	304+85.00	2454.32
	304+90.00	2454.43
	304+95.00	2454.55
	305+00.00	2454.66
	305+05.00	2454.77
	305+10.00	2454.89
	305+15.00	2455.00
	305+20.00	2455.11
	305+25.00	2455.23
	305+30.00	2455.34
	305+35.00	2455.45
	305+40.00	2455.57
	305+45.00	2455.68
	305+50.00	2455.79
	305+55.00	2455.90
	305+60.00	2456.02
	305+65.00	2456.13
	305+70.00	2456.24
	305+75.00	2456.35
	305+80.00	2456.45
	305+85.00	2456.56
	305+90.00	2456.67
	305+95.00	2456.77
	306+00.00	2456.88
	306+05.00	2456.98
	306+10.00	2457.08
	306+15.00	2457.18
	306+20.00	2457.28
	306+25.00	2457.38
	306+30.00	2457.48
	306+35.00	2457.58
	306+40.00	2457.67
	306+45.00	2457.77
	306+50.00	2457.86

CURB ALIGNMENT	STATION	ELEV
NE Leg EP	306+55.00	2457.96
	306+60.00	2458.05
	306+65.00	2458.15
	306+70.00	2458.24
	306+75.00	2458.34
	306+80.00	2458.43
	306+85.00	2458.52
	306+90.00	2458.62
	306+95.00	2458.71
	307+00.00	2458.81
	307+05.00	2458.90
	307+10.00	2459.00
	307+15.00	2459.11
	307+20.00	2459.22
	307+25.00	2459.33
	307+30.00	2459.45
	307+35.00	2459.58
	307+40.00	2459.70
	307+45.00	2459.84
	307+50.00	2459.97
	307+55.00	2460.11
	307+60.00	2460.26
	307+65.00	2460.41
	307+70.00	2460.56
	307+75.00	2460.72
	307+80.00	2460.89
	307+85.00	2461.05
	307+90.00	2461.23
	307+95.00	2461.40
	308+00.00	2461.58
	308+05.00	2461.77
	308+10.00	2461.95
	308+15.00	2462.13
	308+20.00	2462.32
	308+25.00	2462.50
	308+30.00	2462.68
	308+35.00	2462.87
	308+40.00	2463.05
	308+45.00	2463.23
	308+50.00	2463.42
	308+55.00	2463.59
	308+60.00	2463.76
	308+65.00	2463.91
	308+70.00	2464.05
	308+75.00	2464.17
	308+80.00	2464.28
	308+85.00	2464.38
	308+90.00	2464.46
	308+95.00	2464.54
	309+00.00	2464.60

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	227	524	
		093 YV 189			

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

US 93/SR 89
ROUNDABOUT
STAKING TABLES

Registered Professional Engineer (Civil)
46727
DIANA B KELLY
Date Signed 03/31/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-5.12
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

CURB ALIGNMENT	STATION	ELEV
NE Leg EP	309+05.00	2464.64
	309+10.00	2464.67
	309+15.00	2464.69
	309+20.00	2464.70
	309+25.00	2464.69
	309+30.00	2464.67
	309+35.00	2464.64
	309+40.00	2464.59
	309+45.00	2464.54
	309+50.00	2464.46
	309+55.00	2464.38
	309+60.00	2464.31
	309+65.00	2464.23
	309+70.00	2464.15
	309+75.00	2464.07
	309+80.00	2464.08
	309+85.00	2463.97
	309+90.00	2463.86
	309+95.00	2463.75
	310+00.00	2463.64
	310+05.00	2463.52
	310+10.00	2463.40
	310+15.00	2463.27
	310+20.00	2463.13
	310+25.00	2462.99
	310+30.00	2462.85
	310+35.00	2462.70
	310+40.00	2462.55
	310+45.00	2462.39
	310+50.00	2462.23
	310+55.00	2462.06
	310+60.00	2461.89
	310+65.00	2461.71
	310+70.00	2461.53
	310+75.00	2461.34
	310+80.00	2461.15
	310+85.00	2460.96
	310+90.00	2460.77
	310+95.00	2460.58
	311+00.00	2460.39
	311+05.00	2460.20
	311+10.00	2460.00
	311+15.00	2459.81
	311+20.00	2459.62
	311+25.00	2459.42
	311+30.00	2459.24
	311+35.00	2459.05
	311+40.00	2458.87
	311+45.00	2458.69
	311+50.00	2458.51
	311+55.00	2458.33
	311+60.00	2458.16
	311+65.00	2457.98
	311+70.00	2457.81
	311+75.00	2457.64
	311+80.00	2457.47
	311+85.00	2457.31
	311+90.00	2457.15
	311+95.00	2456.98
	312+00.00	2456.82
	312+05.00	2456.67
	312+10.00	2456.51
	312+15.00	2456.36
	312+20.00	2456.20
	312+25.00	2456.05

CURB ALIGNMENT	STATION	ELEV
NE Leg EP	312+30.00	2455.91
	312+35.00	2455.76
	312+40.00	2455.62
	312+45.00	2455.47
	312+50.00	2455.33
	312+55.00	2455.19
	312+60.00	2455.06
	312+65.00	2454.92
	312+70.00	2454.79
	312+75.00	2454.66
	312+80.00	2454.53
	312+85.00	2454.40
	312+90.00	2454.27
	312+95.00	2454.15
	313+00.00	2454.02
	313+05.00	2453.84
	313+10.00	2453.73
	313+15.00	2453.63
	313+20.00	2453.52
	313+25.00	2453.43
	313+30.00	2453.31
	313+35.00	2453.21
	313+40.00	2453.10
	313+45.00	2453.00
	313+50.00	2452.89
	313+55.00	2452.79
	313+57.37	2452.75

CURB ALIGNMENT	STATION	ELEV
N Median EP	413+88.76	2450.59
	413+90.00	2450.60
	413+95.00	2450.64
	414+00.00	2450.68
	414+05.00	2450.72
	414+10.00	2450.76
	414+15.00	2450.80
	414+20.00	2450.84
	414+25.00	2450.88
	414+30.00	2450.92
	414+35.00	2450.96
	414+40.00	2451.00
	414+45.00	2451.04
	414+50.00	2451.08
	414+55.00	2451.11
	414+60.00	2451.15
	414+65.00	2451.18
	414+70.00	2451.22
	414+75.00	2451.25
	414+80.00	2451.29
	414+85.00	2451.32
	414+90.00	2451.36
	414+95.00	2451.39
	415+00.00	2451.42
	415+05.00	2451.45
	415+10.00	2451.49
	415+15.00	2451.52
	415+20.00	2451.55
	415+25.00	2451.58
	415+30.00	2451.62
	415+35.00	2451.65
	415+40.00	2451.68
	415+45.00	2451.71
	415+50.00	2451.74
	415+55.00	2451.78

CURB ALIGNMENT	STATION	ELEV
N Median EP	415+60.00	2451.81
	415+65.00	2451.84
	415+70.00	2451.87
	415+75.00	2451.91
	415+80.00	2451.94
	415+85.00	2451.97
	415+90.00	2452.00
	415+95.00	2452.03
	416+00.00	2452.07
	416+05.00	2452.10
	416+10.00	2452.13
	416+15.00	2452.16
	416+20.00	2452.20
	416+25.00	2452.23
	416+30.00	2452.26
	416+35.00	2452.29
	416+40.00	2452.32
	416+45.00	2452.36
	416+50.00	2452.39
	416+55.00	2452.42
	416+60.00	2452.45
	416+65.00	2452.49
	416+70.00	2452.52
	416+75.00	2452.55
	416+80.00	2452.58
	416+85.00	2452.61
	416+90.00	2452.65
	416+95.00	2452.68
	417+00.00	2452.71
	417+05.00	2452.74
	417+10.00	2452.78
	417+15.00	2452.81
	417+20.00	2452.84
	417+25.00	2452.87
	417+30.00	2452.90
	417+35.00	2452.94
	417+40.00	2452.97
	417+45.00	2453.00
	417+50.00	2453.03
	417+55.00	2453.07
	417+60.00	2453.10
	417+65.00	2453.13
	417+70.00	2453.16
	417+75.00	2453.19
	417+80.00	2453.23
	417+85.00	2453.26
	417+90.00	2453.29
	417+95.00	2453.32
	418+00.00	2453.36
	418+05.00	2453.39
	418+10.00	2453.42
	418+15.00	2453.45
	418+20.00	2453.48
	418+25.00	2453.52
	418+30.00	2453.55
	418+35.00	2453.58
	418+40.00	2453.61
	418+45.00	2453.65
	418+50.00	2453.68
	418+55.00	2453.71
	418+60.00	2453.74
	418+65.00	2453.77
	418+70.00	2453.81
	418+75.00	2453.84
	418+80.00	2453.87

CURB ALIGNMENT	STATION	ELEV
N Median EP	418+85.00	2453.90
	418+90.00	2453.94
	418+95.00	2453.97
	419+00.00	2454.00
	419+05.00	2454.03
	419+10.00	2454.06
	419+15.00	2454.10
	419+20.00	2454.13
	419+25.00	2454.16
	419+30.00	2454.19
	419+35.00	2454.23
	419+40.00	2454.26
	419+45.00	2454.32
	419+50.00	2454.40
	419+55.00	2454.51
	419+60.00	2454.65
	419+65.00	2454.80
	419+70.00	2454.96
	419+75.00	2455.13
	419+80.00	2455.29
	419+85.00	2455.45
	419+90.00	2455.59
	419+95.00	2455.71
	420+00.00	2455.80
	420+05.00	2455.86
	420+10.00	2455.89
	420+15.00	2455.89
	420+20.00	2455.86
	420+25.00	2455.81
	420+30.00	2455.72
	420+35.00	2455.61
	420+40.00	2455.48
	420+45.00	2455.35
	420+50.00	2455.22
	420+55.00	2455.09
	420+60.00	2454.96
	420+65.00	2454.84
	420+70.00	2454.71
	420+75.00	2454.58
	420+80.00	2454.45
	420+85.00	2454.32
	420+90.00	2454.19
	420+95.00	2454.06
	421+00.00	2453.94
	421+05.00	2453.81
	421+10.00	2453.68
	421+15.00	2453.57
	421+20.00	2453.47
	421+25.00	2453.38
	421+30.00	2453.30
	421+35.00	2453.23
	421+40.00	2453.18
	421+45.00	2453.13
	421+50.00	2453.09
	421+55.00	2453.05

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	228	524	

093 YV 189

CURB ALIGNMENT	STATION	ELEV
N Median EP	421+60.00	2453.00
	421+65.00	2452.96
	421+70.00	2452.92
	421+75.00	2452.88
	421+80.00	2452.84
	421+85.00	2452.80
	421+90.00	2452.76
	421+95.00	2452.72
	422+00.00	2452.67
	422+05.00	2452.63
	422+10.00	2452.59
	422+15.00	2452.55
	422+20.00	2452.51
	422+25.00	2452.47
	422+30.00	2452.43
	422+35.00	2452.38
	422+40.00	2452.34
	422+45.00	2452.30
	422+50.00	2452.26
	422+55.00	2452.22
	422+60.00	2452.18
	422+65.00	2452.14
	422+70.00	2452.10
	422+75.00	2452.05
	422+80.00	2452.01
	422+85.00	2451.97
	422+90.00	2451.93
	422+95.00	2451.89
	423+00.00	2451.85
	423+05.00	2451.81
	423+10.00	2451.77
	423+15.00	2451.72
	423+20.00	2451.68
	423+25.00	2451.64
	423+30.00	2451.60
	423+35.00	2451.56
	423+40.00	2451.52
	423+45.00	2451.48
	423+50.00	2451.43
	423+55.00	2451.39
	423+60.00	2451.35
	423+65.00	2451.31
	423+70.00	2451.27
	423+75.00	2451.23
	423+80.00	2451.19
	423+85.00	2451.15
	423+90.00	2451.10
	423+95.00	2451.06
	424+00.00	2451.02
	424+05.00	2450.98
	424+10.00	2450.94

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

US 93/SR 89
ROUNDABOUT
STAKING TABLES

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
ARIZONA, U.S.A.
Date Signed 06/26/26

ROUTE	LOCATION	DWG NO.
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	C-5.13
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

CURB ALIGNMENT	STATION	ELEV
N Median EP	424+15.00	2450.90
	424+20.00	2450.86
	424+25.00	2450.82
	424+30.00	2450.77
	424+35.00	2450.73
	424+40.00	2450.69
	424+45.00	2450.65
	424+50.00	2450.61
	424+55.00	2450.57
	424+60.00	2450.53
	424+65.00	2450.48
	424+70.00	2450.44
	424+75.00	2450.40
	424+80.00	2450.36
	424+85.00	2450.32
	424+90.00	2450.28
	424+95.00	2450.24
	425+00.00	2450.20
	425+05.00	2450.15
	425+10.00	2450.11
	425+15.00	2450.07
	425+20.00	2450.03
	425+25.00	2449.99
	425+30.00	2449.95
	425+35.00	2449.91
	425+40.00	2449.87
	425+45.00	2449.82
	425+50.00	2449.78
	425+55.00	2449.74
	425+60.00	2449.70
	425+65.00	2449.66
	425+70.00	2449.62
	425+75.00	2449.58
	425+80.00	2449.53
	425+85.00	2449.49
	425+90.00	2449.45
	425+95.00	2449.41
	426+00.00	2449.37
	426+05.00	2449.33
	426+10.00	2449.29
	426+15.00	2449.25
	426+20.00	2449.20
	426+25.00	2449.16
	426+30.00	2449.09
	426+35.00	2449.02
	426+40.00	2448.95
	426+45.00	2448.88
	426+50.00	2448.81
	426+55.00	2448.74
	426+60.00	2448.67
	426+65.00	2448.61
	426+70.00	2448.54
	426+75.00	2448.47
	426+80.00	2448.40
	426+85.00	2448.33
	426+90.00	2448.26
	426+95.00	2448.19
	427+00.00	2448.12
	427+05.00	2448.05
	427+10.00	2447.98
	427+15.00	2447.91
	427+20.00	2447.84
	427+25.00	2447.77
	427+30.00	2447.70

CURB ALIGNMENT	STATION	ELEV
N Median EP	427+35.00	2447.63
	427+40.00	2447.57
	427+42.41	2447.54

CURB ALIGNMENT	STATION	ELEV
NE Median EP	500+00.00	2453.08
	500+05.00	2453.14
	500+10.00	2453.2
	500+15.00	2453.27
	500+20.00	2453.35
	500+25.00	2453.47
	500+30.00	2453.60
	500+35.00	2453.72
	500+40.00	2453.85
	500+45.00	2453.97
	500+50.00	2454.10
	500+55.00	2454.22
	500+60.00	2454.35
	500+65.00	2454.47
	500+70.00	2454.60
	500+75.00	2454.73
	500+80.00	2454.86
	500+85.00	2455.00
	500+90.00	2455.13
	500+95.00	2455.27
	501+00.00	2455.41
	501+05.00	2455.56
	501+10.00	2455.70
	501+15.00	2455.85
	501+20.00	2456.00
	501+25.00	2456.15
	501+30.00	2456.31
	501+35.00	2456.47
	501+40.00	2456.63
	501+45.00	2456.79
	501+50.00	2456.95
	501+55.00	2457.11
	501+60.00	2457.27
	501+65.00	2457.43
	501+70.00	2457.59
	501+75.00	2457.75
	501+80.00	2457.91
	501+85.00	2458.07
	501+90.00	2458.23
	501+95.00	2458.39
	502+00.00	2458.55
	502+05.00	2458.71
	502+10.00	2458.87
	502+15.00	2459.03
	502+20.00	2459.20
	502+25.00	2459.36
	502+30.00	2459.52
	502+35.00	2459.68
	502+40.00	2459.84
	502+45.00	2460.00
	502+50.00	2460.16
	502+55.00	2460.32
	502+60.00	2460.48
	502+65.00	2460.64
	502+70.00	2460.80
	502+75.00	2460.96
	502+80.00	2461.12
	502+85.00	2461.28
	502+90.00	2461.44

CURB ALIGNMENT	STATION	ELEV
NE Median EP	502+95.00	2461.60
	503+00.00	2461.76
	503+05.00	2461.92
	503+10.00	2462.08
	503+15.00	2462.24
	503+20.00	2462.40
	503+25.00	2462.56
	503+30.00	2462.72
	503+35.00	2462.89
	503+40.00	2463.05
	503+45.00	2463.20
	503+50.00	2463.34
	503+55.00	2463.46
	503+60.00	2463.57
	503+65.00	2463.66
	503+70.00	2463.74
	503+75.00	2463.80
	503+80.00	2463.84
	503+85.00	2463.88
	503+90.00	2463.89
	503+95.00	2463.89
	504+00.00	2463.88
	504+05.00	2463.85
	504+10.00	2463.81
	504+15.00	2463.75
	504+20.00	2463.67
	504+25.00	2463.58
	504+30.00	2463.48
	504+35.00	2463.36
	504+40.00	2463.22
	504+45.00	2463.08
	504+50.00	2462.94
	504+55.00	2462.79
	504+60.00	2462.65
	504+65.00	2462.51
	504+70.00	2462.36
	504+75.00	2462.22
	504+80.00	2462.08
	504+85.00	2461.94
	504+90.00	2461.79
	504+95.00	2461.65
	505+00.00	2461.51
	505+05.00	2461.36
	505+10.00	2461.22
	505+15.00	2461.08
	505+20.00	2460.93
	505+25.00	2460.79
	505+30.00	2460.65
	505+35.00	2460.51
	505+40.00	2460.36
	505+45.00	2460.22
	505+50.00	2460.08
	505+55.00	2459.93
	505+60.00	2459.79
	505+65.00	2459.65
	505+70.00	2459.51
	505+75.00	2459.36
	505+80.00	2459.22
	505+85.00	2459.08
	505+90.00	2458.93
	505+95.00	2458.80
	506+00.00	2458.67
	506+05.00	2458.56
	506+10.00	2458.45
	506+15.00	2458.36

CURB ALIGNMENT	STATION	ELEV
NE Median EP	506+20.00	2458.28
	506+25.00	2458.20
	506+30.00	2458.14
	506+35.00	2458.10
	506+40.00	2458.06
	506+45.00	2458.03
	506+50.00	2457.99
	506+55.00	2457.96
	506+60.00	2457.93
	506+65.00	2457.90
	506+70.00	2457.86
	506+75.00	2457.83
	506+80.00	2457.80
	506+85.00	2457.77
	506+90.00	2457.73
	506+95.00	2457.70
	507+00.00	2457.67
	507+05.00	2457.64
	507+10.00	2457.60
	507+15.00	2457.57
	507+20.00	2457.54
	507+25.00	2457.53
	507+30.00	2457.52
	507+35.00	2457.52
	507+40.00	2457.54
	507+45.00	2457.56
	507+50.00	2457.60
	507+55.00	2457.64
	507+60.00	2457.70
	507+65.00	2457.76
	507+70.00	2457.83
	507+75.00	2457.90
	507+80.00	2457.97
	507+85.00	2458.04
	507+90.00	2458.12
	507+95.00	2458.20
	508+00.00	2458.29
	508+05.00	2458.38
	508+10.00	2458.48
	508+15.00	2458.58
	508+20.00	2458.70
	508+25.00	2458.82
	508+30.00	2458.94
	508+35.00	2459.07
	508+40.00	2459.21
	508+45.00	2459.36
	508+50.00	2459.51
	508+55.00	2459.67
	508+60.00	2459.83
	508+65.00	2460.00
	508+70.00	2460.18
	508+75.00	2460.36
	508+80.00	2460.55
	508+85.00	2460.75
	508+90.00	2460.95

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	229	524	

093 YV 189

CURB ALIGNMENT	STATION	ELEV
NE Median EP	508+95.00	2461.15
	509+00.00	2461.35
	509+05.00	2461.55
	509+10.00	2461.75
	509+15.00	2461.95
	509+20.00	2462.15
	509+25.00	2462.33
	509+30.00	2462.51
	509+35.00	2462.68
	509+40.00	2462.84
	509+45.00	2462.99
	509+50.00	2463.13
	509+55.00	2463.26
	509+60.00	2463.38
	509+65.00	2463.50
	509+70.00	2463.60
	509+75.00	2463.70
	509+80.00	2463.78
	509+85.00	2463.86
	509+90.00	2463.93
	509+95.00	2463.99
	510+00.00	2464.04
	510+05.00	2464.08
	510+10.00	2464.11
	510+15.00	2464.14
	510+20.00	2464.15
	510+25.00	2464.15
	510+30.00	2464.15
	510+35.00	2464.14
	510+40.00	2464.12
	510+45.00	2464.08
	510+50.00	2464.04
	510+55.00	2463.99
	510+60.00	2463.94
	510+65.00	2463.87
	510+70.00	2463.79
	510+75.00	2463.71
	510+80.00	2463.61
	510+85.00	2463.51
	510+90.00	2463.39
	510+95.00	2463.27
	511+00.00	2463.14
	511+05.00	2463.00
	511+10.00	2462.86
	511+15.00	2462.71
	511+20.00	2462.57
	511+25.00	2462.42
	511+30.00	2462.28
	511+35.00	2462.13
	511+40.00	2461.99

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

US 93/SR 89 ROUNDABOUT STAKING TABLES

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 03/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. C-5.14

TRACS NO. F0738 01C | 093-B(230)T | ___ OF ___

CURB ALIGNMENT	STATION	ELEV
NE Median EP	511+45.00	2461.84
	511+50.00	2461.70
	511+55.00	2461.55
	511+60.00	2461.41
	511+65.00	2461.26
	511+70.00	2461.12
	511+75.00	2460.97
	511+80.00	2460.81
	511+85.00	2460.66
	511+90.00	2460.50
	511+95.00	2460.34
	512+00.00	2460.18
	512+05.00	2460.01
	512+10.00	2459.84
	512+15.00	2459.67
	512+20.00	2459.49
	512+25.00	2459.31
	512+30.00	2459.13
	512+35.00	2458.95
	512+40.00	2458.77
	512+45.00	2458.58
	512+50.00	2458.39
	512+55.00	2458.21
	512+60.00	2458.03
	512+65.00	2457.85
	512+70.00	2457.68
	512+75.00	2457.51
	512+80.00	2457.34
	512+85.00	2457.18
	512+90.00	2457.02
	512+95.00	2456.86
	513+00.00	2456.71
	513+05.00	2456.55
	513+10.00	2456.41
	513+15.00	2456.26
	513+20.00	2456.12
	513+25.00	2455.99
	513+30.00	2455.85
	513+35.00	2455.72
	513+40.00	2455.60
	513+45.00	2455.47
	513+50.00	2455.35
	513+55.00	2455.23
	513+60.00	2455.11
	513+65.00	2455.00
	513+70.00	2454.88
	513+75.00	2454.76
	513+80.00	2454.64
	513+85.00	2454.52
	513+90.00	2454.40
	513+95.00	2454.29
	514+00.00	2454.17
	514+05.00	2454.05
	514+10.00	2453.93
	514+15.00	2453.81
	514+20.00	2453.69
	514+25.00	2453.57
	514+30.00	2453.46
	514+35.00	2453.34
	514+40.00	2453.22
	514+45.00	2453.10
	514+45.85	2453.08

CURB ALIGNMENT	STATION	ELEV
S Median EP	600+00.00	2443.41
	600+05.00	2443.50
	600+10.00	2443.60
	600+15.00	2443.70
	600+20.00	2443.79
	600+25.00	2443.89
	600+30.00	2443.99
	600+35.00	2444.09
	600+40.00	2444.18
	600+45.00	2444.28
	600+50.00	2444.38
	600+55.00	2444.48
	600+60.00	2444.57
	600+65.00	2444.67
	600+70.00	2444.77
	600+75.00	2444.87
	600+80.00	2444.96
	600+85.00	2445.06
	600+90.00	2445.16
	600+95.00	2445.26
	601+00.00	2445.35
	601+05.00	2445.45
	601+10.00	2445.55
	601+15.00	2445.64
	601+20.00	2445.74
	601+25.00	2445.84
	601+30.00	2445.94
	601+35.00	2446.03
	601+40.00	2446.13
	601+45.00	2446.23
	601+50.00	2446.33
	601+55.00	2446.42
	601+60.00	2446.52
	601+65.00	2446.61
	601+70.00	2446.70
	601+75.00	2446.79
	601+80.00	2446.88
	601+85.00	2446.97
	601+90.00	2447.06
	601+95.00	2447.14
	602+00.00	2447.22
	602+05.00	2447.30
	602+10.00	2447.38
	602+15.00	2447.46
	602+20.00	2447.54
	602+25.00	2447.61
	602+30.00	2447.68
	602+35.00	2447.75
	602+40.00	2447.82
	602+45.00	2447.89
	602+50.00	2447.96
	602+55.00	2448.03
	602+60.00	2448.09
	602+65.00	2448.16
	602+70.00	2448.22
	602+75.00	2448.29
	602+80.00	2448.36
	602+85.00	2448.42
	602+90.00	2448.49
	602+95.00	2448.55
	603+00.00	2448.62
	603+05.00	2448.69
	603+10.00	2448.75
	603+15.00	2448.82
	603+20.00	2448.88

CURB ALIGNMENT	STATION	ELEV
S Median EP	603+25.00	2448.95
	603+30.00	2449.02
	603+35.00	2449.08
	603+40.00	2449.15
	603+45.00	2449.21
	603+50.00	2449.28
	603+55.00	2449.35
	603+60.00	2449.41
	603+65.00	2449.48
	603+70.00	2449.54
	603+75.00	2449.61
	603+80.00	2449.68
	603+85.00	2449.74
	603+90.00	2449.81
	603+95.00	2449.87
	604+00.00	2449.94
	604+05.00	2450.01
	604+10.00	2450.07
	604+15.00	2450.14
	604+20.00	2450.20
	604+25.00	2450.27
	604+30.00	2450.34
	604+35.00	2450.40
	604+40.00	2450.47
	604+45.00	2450.53
	604+50.00	2450.60
	604+55.00	2450.67
	604+60.00	2450.73
	604+65.00	2450.80
	604+70.00	2450.86
	604+75.00	2450.93
	604+80.00	2451.00
	604+85.00	2451.06
	604+90.00	2451.13
	604+95.00	2451.19
	605+00.00	2451.26
	605+05.00	2451.33
	605+10.00	2451.39
	605+15.00	2451.46
	605+20.00	2451.52
	605+25.00	2451.59
	605+30.00	2451.66
	605+35.00	2451.73
	605+40.00	2451.80
	605+45.00	2451.87
	605+50.00	2451.94
	605+55.00	2452.02
	605+60.00	2452.10
	605+65.00	2452.18
	605+70.00	2452.26
	605+75.00	2452.35
	605+80.00	2452.44
	605+85.00	2452.52
	605+90.00	2452.62
	605+95.00	2452.71
	606+00.00	2452.80
	606+05.00	2452.90
	606+10.00	2453.00
	606+15.00	2453.10
	606+20.00	2453.20
	606+25.00	2453.31
	606+30.00	2453.41
	606+35.00	2453.52
	606+40.00	2453.62
	606+45.00	2453.73

CURB ALIGNMENT	STATION	ELEV
S Median EP	606+50.00	2453.83
	606+55.00	2453.94
	606+60.00	2454.04
	606+65.00	2454.15
	606+70.00	2454.26
	606+75.00	2454.36
	606+80.00	2454.47
	606+85.00	2454.57
	606+90.00	2454.68
	606+95.00	2454.78
	607+00.00	2454.89
	607+05.00	2454.99
	607+10.00	2455.10
	607+15.00	2455.21
	607+20.00	2455.31
	607+25.00	2455.42
	607+30.00	2455.52
	607+35.00	2455.63
	607+40.00	2455.73
	607+45.00	2455.84
	607+50.00	2455.94
	607+55.00	2456.05
	607+60.00	2456.16
	607+65.00	2456.26
	607+70.00	2456.36
	607+75.00	2456.44
	607+80.00	2456.52
	607+85.00	2456.59
	607+90.00	2456.64
	607+95.00	2456.69
	608+00.00	2456.73
	608+05.00	2456.76
	608+10.00	2456.77
	608+15.00	2456.78
	608+20.00	2456.78
	608+25.00	2456.77
	608+30.00	2456.75
	608+35.00	2456.72
	608+40.00	2456.68
	608+45.00	2456.64
	608+50.00	2456.60
	608+55.00	2456.56
	608+60.00	2456.52
	608+65.00	2456.48
	608+70.00	2456.44
	608+75.00	2456.40
	608+80.00	2456.36
	608+85.00	2456.32
	608+90.00	2456.28
	608+95.00	2456.24
	609+00.00	2456.20
	609+05.00	2456.16
	609+10.00	2456.12
	609+15.00	2456.08
	609+20.00	2456.01

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	230	524	

093 YV 189

CURB ALIGNMENT	STATION	ELEV
S Median EP	609+25.00	2455.90
	609+30.00	2455.77
	609+35.00	2455.61
	609+40.00	2455.42
	609+45.00	2455.22
	609+50.00	2455.03
	609+55.00	2454.83
	609+60.00	2454.64
	609+65.00	2454.44
	609+70.00	2454.25
	609+75.00	2454.05
	609+80.00	2453.86
	609+85.00	2453.68
	609+90.00	2453.50
	609+95.00	2453.34
	610+00.00	2453.18
	610+05.00	2453.03
	610+10.00	2452.89
	610+15.00	2452.76
	610+20.00	2452.64
	610+25.00	2452.52
	610+30.00	2452.41
	610+35.00	2452.32
	610+40.00	2452.23
	610+45.00	2452.15
	610+50.00	2452.07
	610+55.00	2452.01
	610+60.00	2451.95
	610+65.00	2451.91
	610+70.00	2451.87
	610+75.00	2451.84
	610+80.00	2451.81
	610+85.00	2451.78
	610+90.00	2451.76
	610+95.00	2451.73
	611+00.00	2451.70
	611+05.00	2451.68
	611+10.00	2451.65
	611+15.00	2451.62
	611+20.00	2451.60
	611+25.00	2451.57
	611+30.00	2451.55
	611+35.00	2451.52
	611+40.00	2451.49
	611+45.00	2451.47
	611+50.00	2451.44
	611+55.00	2451.41
	611+60.00	2451.39
	611+65.00	2451.36
	611+70.00	2451.33

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

US 93/SR 89 ROUNDABOUT STAKING TABLES

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C | 093-B(230)T

Registered Professional Engineer (Civil) 46727 DIANA B. KELLY Date Signed 03/31/26 ARIZONA, U.S.A.

DWG NO. C-5.15

___ OF ___

CURB ALIGNMENT	STATION	ELEV
S Median EP	611+75.00	2451.31
	611+80.00	2451.28
	611+85.00	2451.25
	611+90.00	2451.23
	611+95.00	2451.20
	612+00.00	2451.18
	612+05.00	2451.15
	612+10.00	2451.12
	612+15.00	2451.10
	612+20.00	2451.07
	612+25.00	2451.04
	612+30.00	2451.02
	612+35.00	2450.99
	612+40.00	2450.96
	612+45.00	2450.94
	612+50.00	2450.91
	612+55.00	2450.88
	612+60.00	2450.86
	612+65.00	2450.83
	612+70.00	2450.80
	612+75.00	2450.78
	612+80.00	2450.75
	612+85.00	2450.72
	612+90.00	2450.69
	612+95.00	2450.66
	613+00.00	2450.62
	613+05.00	2450.59
	613+10.00	2450.55
	613+15.00	2450.51
	613+20.00	2450.47
	613+25.00	2450.42
	613+30.00	2450.38
	613+35.00	2450.33
	613+40.00	2450.28
	613+45.00	2450.23
	613+50.00	2450.18
	613+55.00	2450.13
	613+60.00	2450.07
	613+65.00	2450.01
	613+70.00	2449.95
	613+75.00	2449.89
	613+80.00	2449.83
	613+85.00	2449.76
	613+90.00	2449.69
	613+95.00	2449.63
	614+00.00	2449.56
	614+05.00	2449.48
	614+10.00	2449.41
	614+15.00	2449.33
	614+20.00	2449.26
	614+25.00	2449.18
	614+30.00	2449.09
	614+35.00	2449.01
	614+40.00	2448.93
	614+45.00	2448.84
	614+50.00	2448.75
	614+55.00	2448.66
	614+60.00	2448.57
	614+65.00	2448.47
	614+70.00	2448.38
	614+75.00	2448.28
	614+80.00	2448.18
	614+85.00	2448.08
	614+90.00	2447.99
	614+95.00	2447.89

CURB ALIGNMENT	STATION	ELEV
S Median EP	615+00.00	2447.79
	615+05.00	2447.69
	615+10.00	2447.59
	615+15.00	2447.49
	615+20.00	2447.40
	615+25.00	2447.30
	615+30.00	2447.20
	615+35.00	2447.10
	615+40.00	2447.00
	615+45.00	2446.90
	615+50.00	2446.80
	615+55.00	2446.71
	615+60.00	2446.61
	615+65.00	2446.51
	615+70.00	2446.41
	615+75.00	2446.31
	615+80.00	2446.21
	615+85.00	2446.12
	615+90.00	2446.02
	615+95.00	2445.92
	616+00.00	2445.82
	616+00.88	2445.80

CURB ALIGNMENT	STATION	ELEV
Truck Apron EP	700+00.00	2455.85
	700+05.00	2455.88
	700+10.00	2455.91
	700+15.00	2455.95
	700+20.00	2455.98
	700+25.00	2456.02
	700+30.00	2456.07
	700+35.00	2456.11
	700+40.00	2456.16
	700+45.00	2456.21
	700+50.00	2456.26
	700+55.00	2456.31
	700+60.00	2456.36
	700+65.00	2456.42
	700+70.00	2456.49
	700+75.00	2456.56
	700+80.00	2456.64
	700+85.00	2456.72
	700+90.00	2456.80
	700+95.00	2456.88
	701+00.00	2456.96
	701+05.00	2457.04
	701+10.00	2457.12
	701+15.00	2457.20
	701+20.00	2457.28
	701+25.00	2457.36
	701+30.00	2457.44
	701+35.00	2457.50
	701+40.00	2457.56
	701+45.00	2457.61
	701+50.00	2457.65
	701+55.00	2457.67
	701+60.00	2457.70
	701+65.00	2457.72
	701+70.00	2457.75
	701+75.00	2457.77
	701+80.00	2457.80
	701+85.00	2457.82
	701+90.00	2457.84
	701+95.00	2457.85

CURB ALIGNMENT	STATION	ELEV
Truck Apron EP	702+00.00	2457.84
	702+05.00	2457.83
	702+10.00	2457.79
	702+15.00	2457.75
	702+20.00	2457.70
	702+25.00	2457.63
	702+30.00	2457.55
	702+35.00	2457.46
	702+40.00	2457.35
	702+45.00	2457.23
	702+50.00	2457.10
	702+55.00	2456.96
	702+60.00	2456.81
	702+65.00	2456.64
	702+70.00	2456.47
	702+75.00	2456.29
	702+80.00	2456.12
	702+85.00	2455.95
	702+90.00	2455.78
	702+95.00	2455.60
	703+00.00	2455.43
	703+05.00	2455.26
	703+10.00	2455.08
	703+15.00	2454.92
	703+20.00	2454.78
	703+25.00	2454.67
	703+30.00	2454.58
	703+35.00	2454.51
	703+40.00	2454.46
	703+45.00	2454.44
	703+50.00	2454.44
	703+55.00	2454.47
	703+60.00	2454.51
	703+65.00	2454.57
	703+70.00	2454.63
	703+75.00	2454.69
	703+80.00	2454.75
	703+85.00	2454.80
	703+90.00	2454.86
	703+95.00	2454.92
	704+00.00	2454.98
	704+05.00	2455.03
	704+10.00	2455.08
	704+15.00	2455.12
	704+20.00	2455.16
	704+25.00	2455.19
	704+30.00	2455.22
	704+35.00	2455.25
	704+40.00	2455.28
	704+45.00	2455.31
	704+50.00	2455.35
	704+55.00	2455.38
	704+60.00	2455.41
	704+65.00	2455.44
	704+70.00	2455.47
	704+75.00	2455.50
	704+80.00	2455.53
	704+85.00	2455.56
	704+90.00	2455.59
	704+95.00	2455.63
	705+00.00	2455.66
	705+05.00	2455.69
	705+10.00	2455.72
	705+15.00	2455.75
	705+20.00	2455.78

CURB ALIGNMENT	STATION	ELEV
Truck Apron EP	705+25.00	2455.81
	705+30.00	2455.84
	705+30.92	2455.85

CURB ALIGNMENT	STATION	ELEV
NE Crown	800+00.00	2456.77
	800+05.00	2456.84
	800+10.00	2456.91
	800+15.00	2456.98
	800+20.00	2457.04
	800+25.00	2457.11
	800+30.00	2457.18
	800+35.00	2457.25
	800+40.00	2457.32
	800+45.00	2457.39
	800+50.00	2457.46
	800+55.00	2457.53
	800+60.00	2457.59
	800+65.00	2457.66
	800+70.00	2457.71
	800+75.00	2457.76
	800+80.00	2457.79
	800+85.00	2457.82
	800+90.00	2457.84
	800+95.00	2457.85
	801+00.00	2457.86
	801+05.00	2457.88
	801+10.00	2457.89
	801+15.00	2457.90
	801+20.00	2457.91
	801+25.00	2457.93
	801+30.00	2457.94
	801+35.00	2457.95
	801+40.00	2457.96
	801+45.00	2457.98
	801+50.00	2457.99
	801+55.00	2457.99
	801+60.00	2457.99
	801+65.00	2457.97
	801+70.00	2457.94
	801+75.00	2457.90
	801+80.00	2457.85
	801+85.00	2457.79
	801+90.00	2457.71
	801+95.00	2457.62
	802+00.00	2457.53
	802+05.00	2457.42
	802+10.00	2457.32
	802+15.00	2457.21
	802+20.00	2457.09
	802+25.00	2456.96
	802+30.00	2456.82
	802+35.00	2456.67
	802+40.00	2456.51

CURB ALIGNMENT	STATION	ELEV
NE Crown	802+45.00	2456.34
	802+50.00	2456.18
	802+55.00	2456.01
	802+60.00	2455.85
	802+62.64	2455.76

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	231	524	

093 YV 189

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

US 93/SR 89 ROUNDABOUT STAKING TABLES

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 03/27/2026
ARIZONA, U.S.A.

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. C-5.16

TRACS NO. F0738 01C | 093-B(230)T | ___ OF ___

CURB ALIGNMENT	STATION	ELEV
SW Crown	900+00.00	2454.72
	900+05.00	2454.75
	900+10.00	2454.78
	900+15.00	2454.82
	900+20.00	2454.85
	900+25.00	2454.88
	900+30.00	2454.91
	900+35.00	2454.94
	900+40.00	2454.97
	900+45.00	2455.01
	900+50.00	2455.04
	900+55.00	2455.07
	900+60.00	2455.10
	900+65.00	2455.13
	900+70.00	2455.17
	900+75.00	2455.20
	900+80.00	2455.23
	900+85.00	2455.26
	900+90.00	2455.29
	900+95.00	2455.33
	901+00.00	2455.36
	901+05.00	2455.39
	901+10.00	2455.42
	901+15.00	2455.45
	901+20.00	2455.48
	901+25.00	2455.52
	901+30.00	2455.55
	901+35.00	2455.58
	901+40.00	2455.61
	901+45.00	2455.64
	901+50.00	2455.68
	901+55.00	2455.71
	901+60.00	2455.74
	901+65.00	2455.77
	901+70.00	2455.80
	901+75.00	2455.83
	901+80.00	2455.87
	901+85.00	2455.90
	901+90.00	2455.93
	901+95.00	2455.96
	902+00.00	2455.99
	902+05.00	2456.03
	902+10.00	2456.06
	902+15.00	2456.09
	902+20.00	2456.12
	902+25.00	2456.15
	902+30.00	2456.19
	902+30.73	2456.19

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	232	524	
		093 YV 189			

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

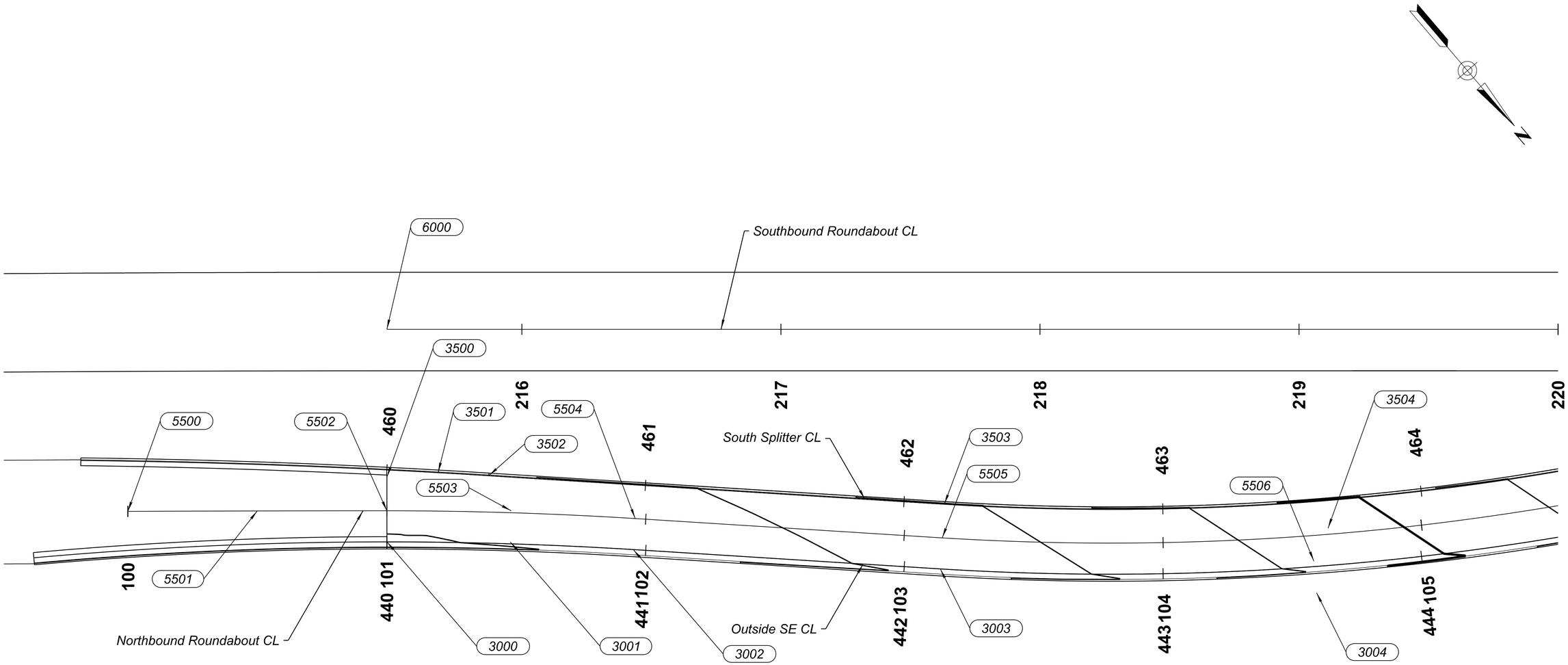
Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

US 93/SR 89
ROUNDABOUT
STAKING TABLES

Registered Professional Engineer, Civil
86727
DIANA B. KELLY
Date Signed 03/26/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-5.17
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____



	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Professional Engineer — 26609 DALE WIGGINS — Date Signed: [illegible] — ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

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

MORETON RD / NINE IRON RANCH RD
ROUNDABOUT STAKING SHEETS
SOUTH LEG

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	233	524	

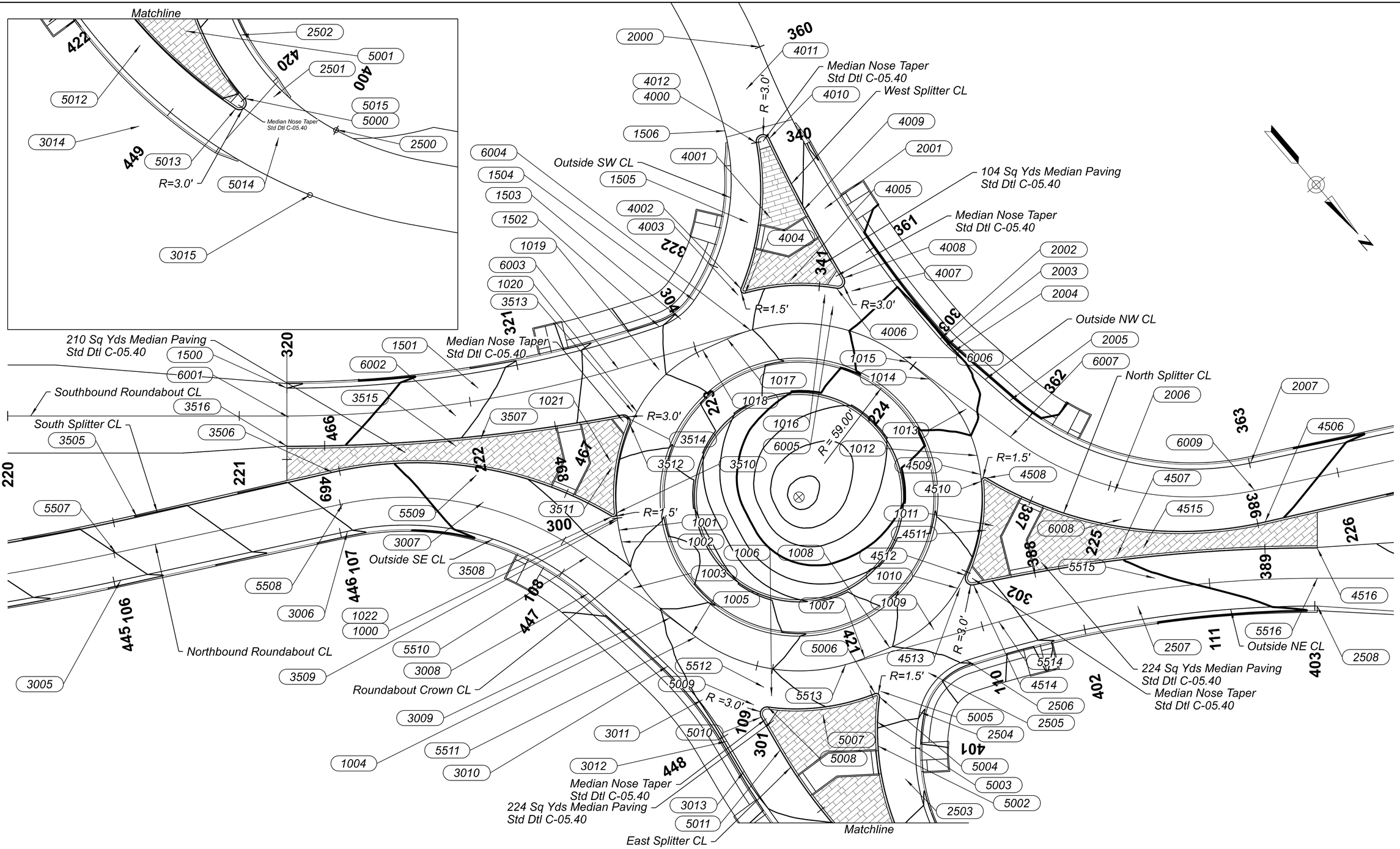
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-6.01

TRACS NO. F0738 01C

____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Recommended for Approval — Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

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

MORETON RD / NINE IRON RANCH RD ROUNDABOUT STAKING SHEETS ALL LEGS

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	234	524	

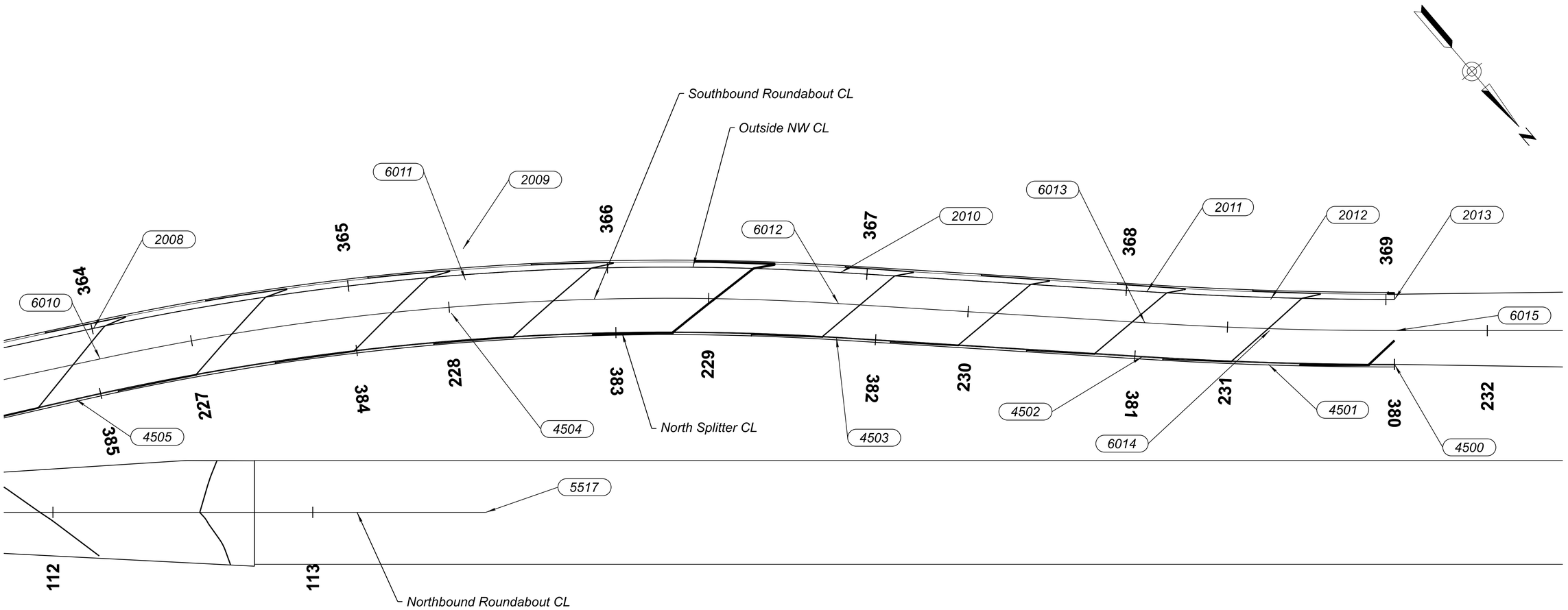
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-6.02

TRACS NO. F0738 01C

____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Professional Engineer — 26609 — DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

MORETON RD / NINE IRON RANCH RD
ROUNDABOUT STAKING SHEETS
NORTH LEG

ROUTE: US 93
MILEPOST: 189.9
STRUCTURE NO.:

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	235	524	

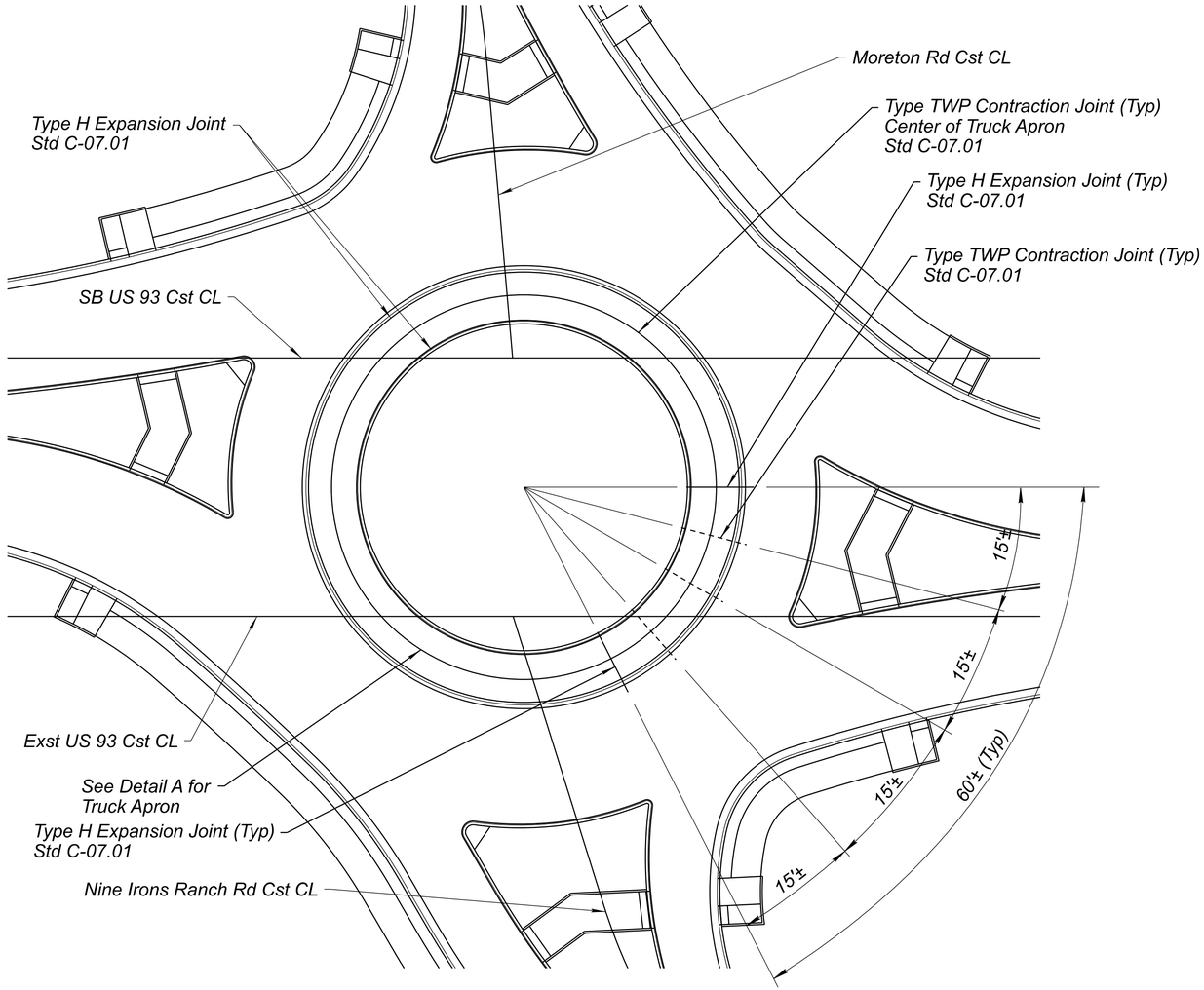
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. C-6.03

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Roundabout Truck Apron

NOTES

1. *Truck Apron for Roundabout Shall be Paid for under Bid Item 9080245 - CONCRETE (TRUCK APRON - DETAIL A).*
2. *Curb & Gutter Shall be Paid Separately as Item No. 9080085 and 9080086.*
3. *Curb Shall be Paid Separately as Item No. 9080042.*
4. *The contraction and expansion joints shown in this detail shall also be applied to the US 93 / SR 89 roundabout.*

Registered Professional Engineer
26609
DALE WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

MORETON RD / NINE IRON RANCH RD
ROUNDABOUT TRUCK APRON
JOINT LAYOUT

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	236	524	

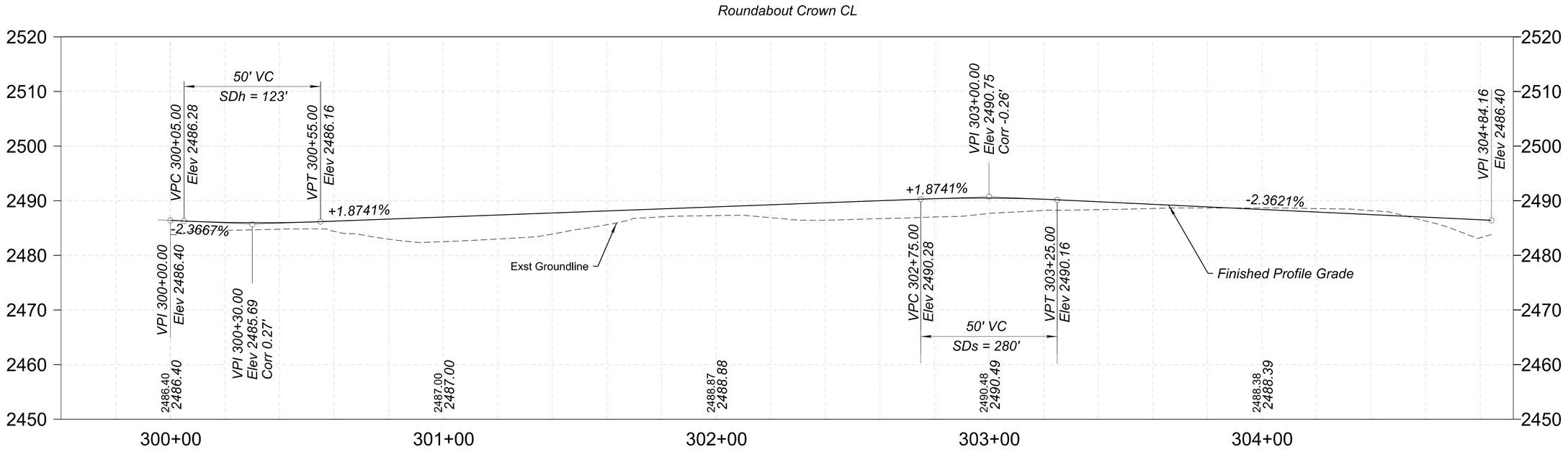
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

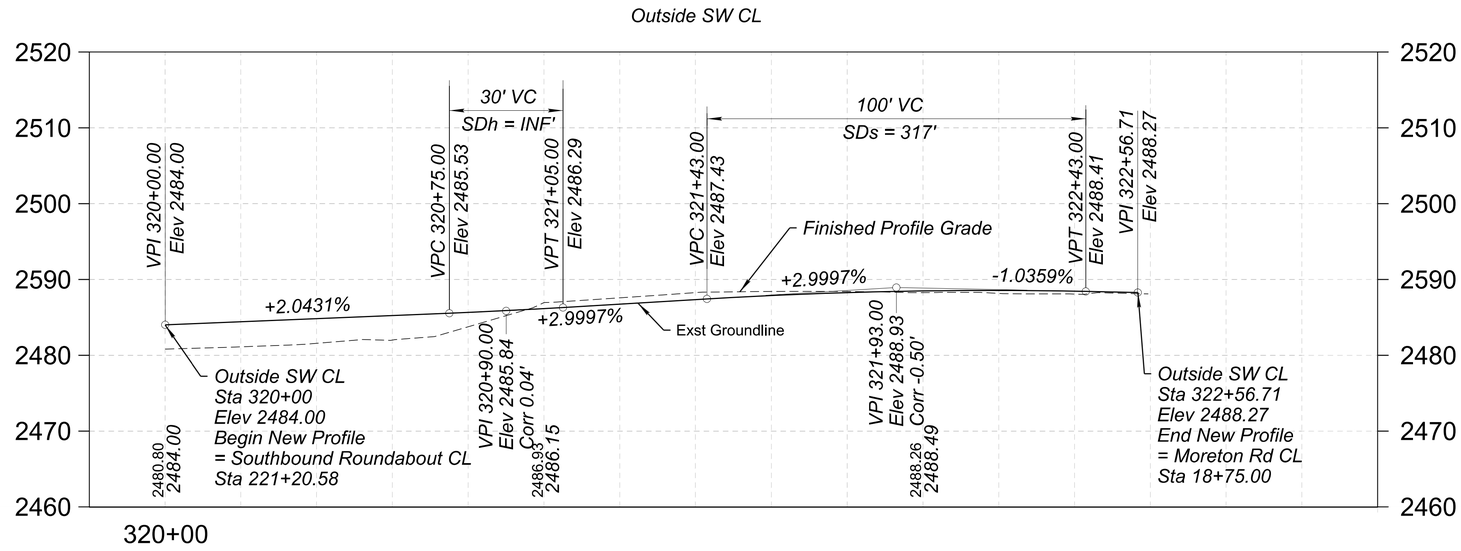
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TRACS NO. F0738 01C

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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MORETON RD / NINE IRON RANCH RD
ROUNDABOUT STAKING PROFILES

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	237	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

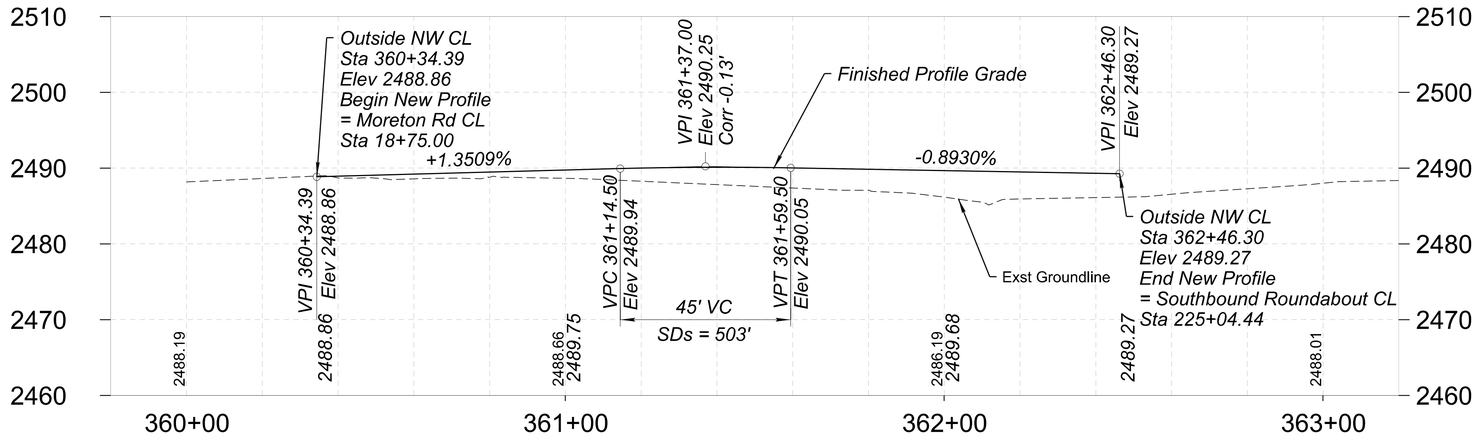
DWG No. C-6.05

TRACS NO. F0738 01C

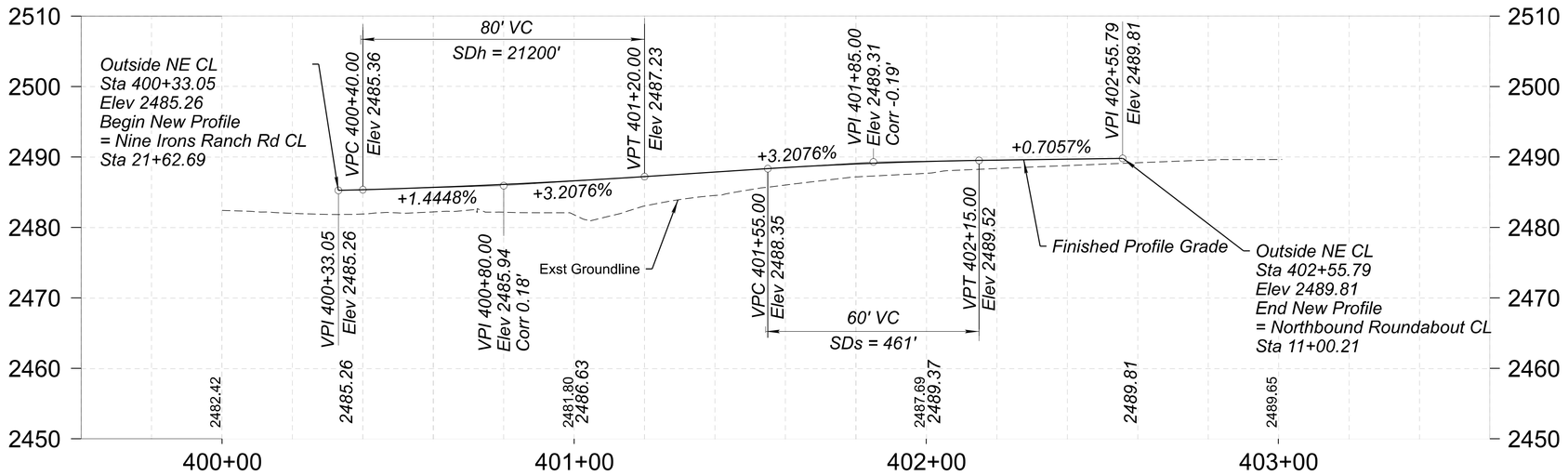
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Outside NW CL



Outside NE CL



	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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ROADWAY DESIGN SERVICES

MORETON RD / NINE IRON RANCH RD
ROUNDABOUT STAKING PROFILES

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	238	524	

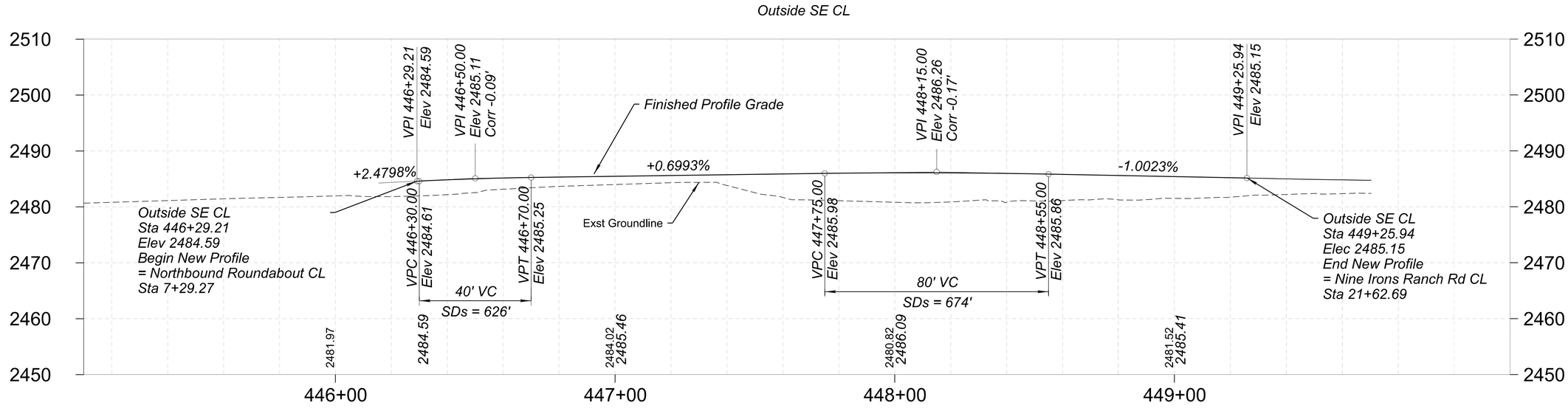
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

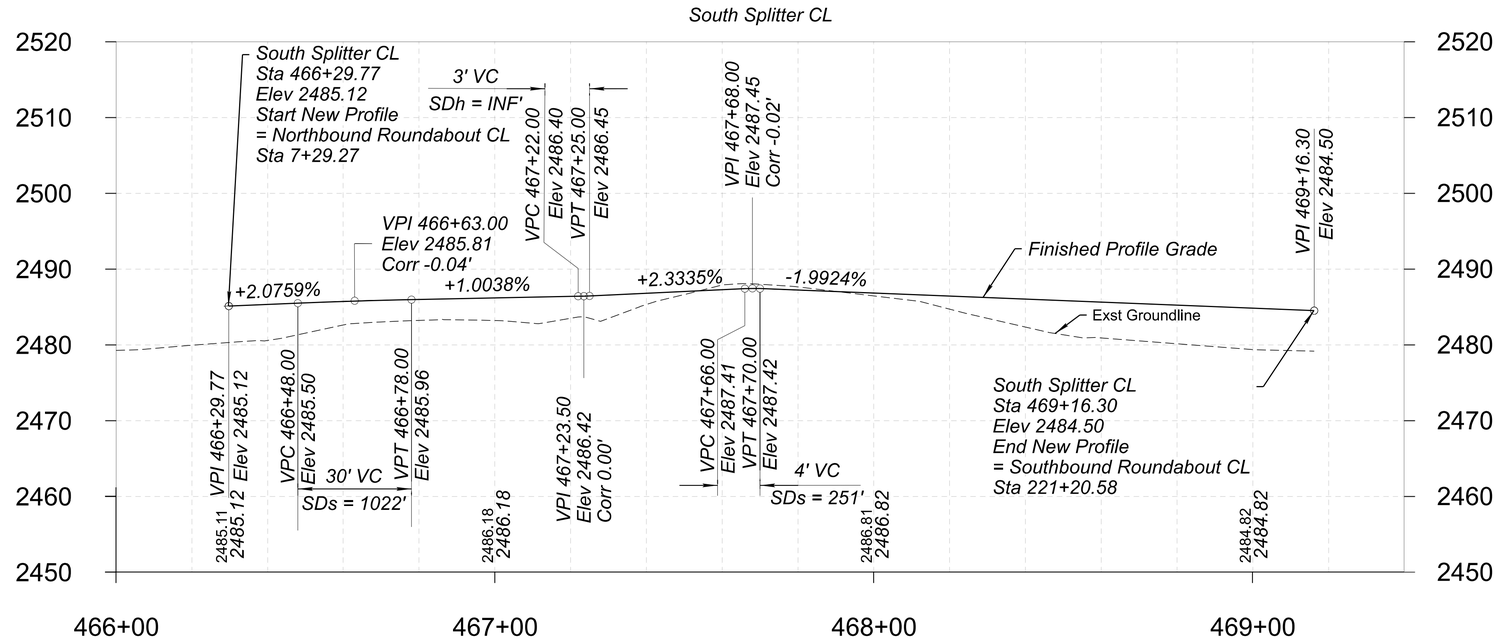
DWG No. C-6.06

TRACS NO. F0738 01C

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Registered Professional Engineer (Civil) 26609 DALE WIGGINS Date Signed 06/26/26 ARIZONA, U.S.A.

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MORETON RD / NINE IRON RANCH RD
ROUNDABOUT STAKING PROFILES

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	239	524	

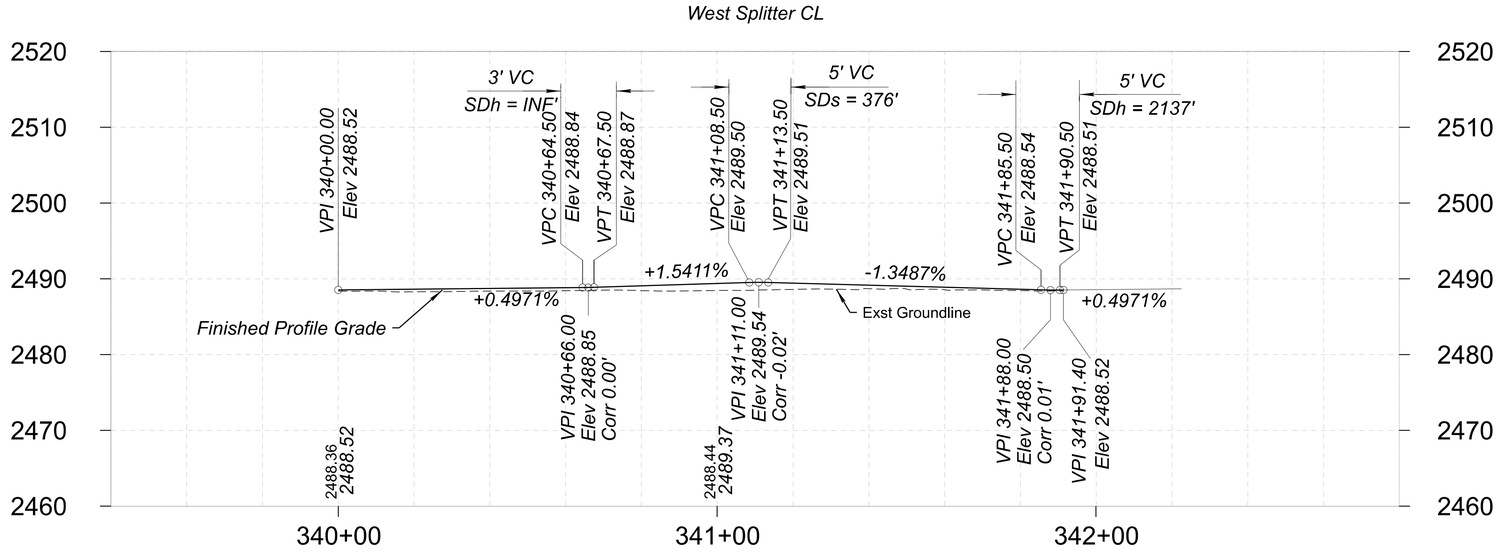
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

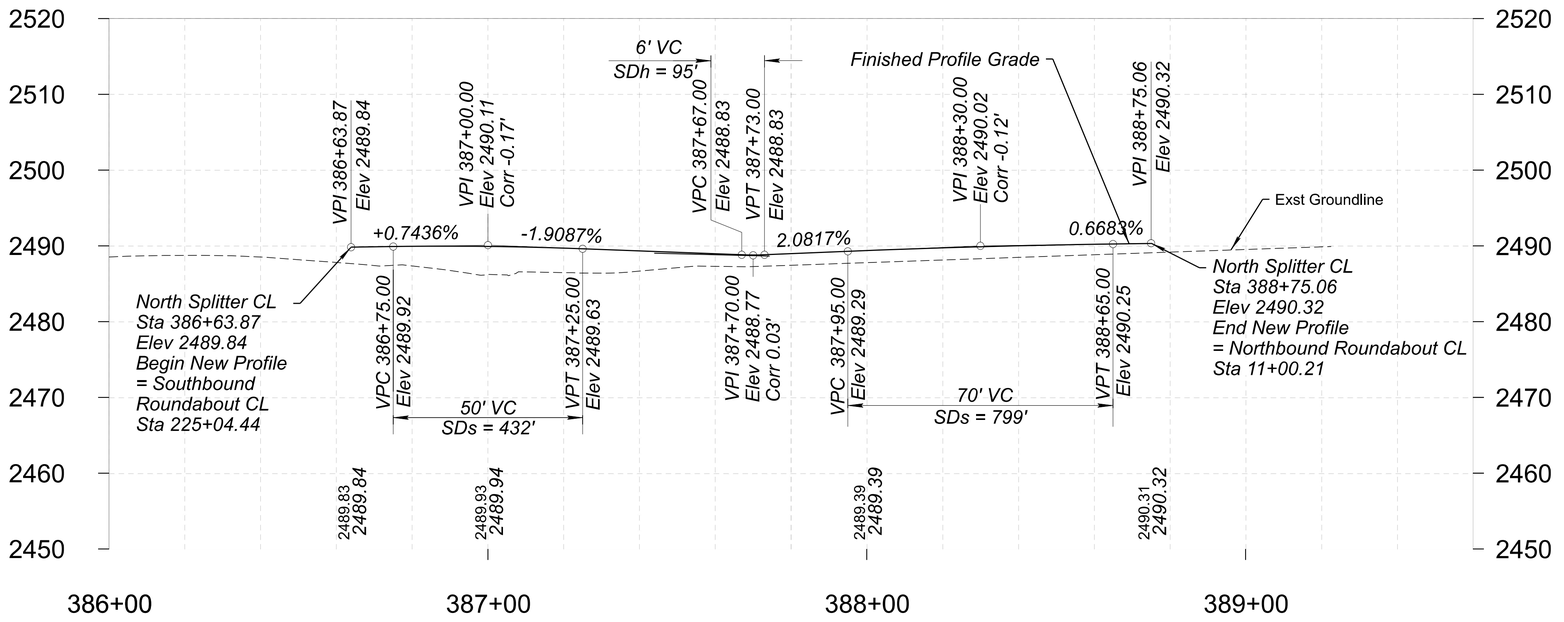
DWG No. C-6.07

TRACS NO. F0738 01C

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Registered Professional Engineer
26609
DALE
WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

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MORETON RD / NINE IRON RANCH RD
ROUNDABOUT STAKING PROFILES

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	240	524	

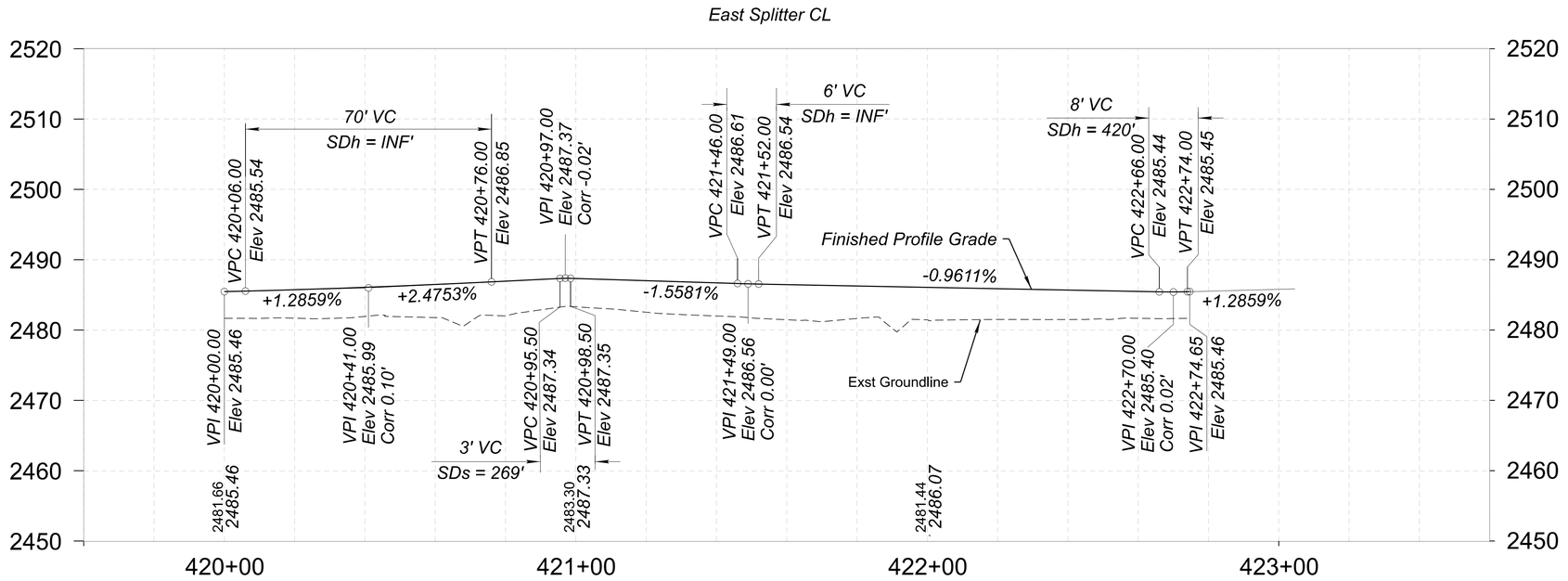
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-6.08

TRACS NO. F0738 01C

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Registered Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

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ROUNDABOUT STAKING PROFILES

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	241	524	

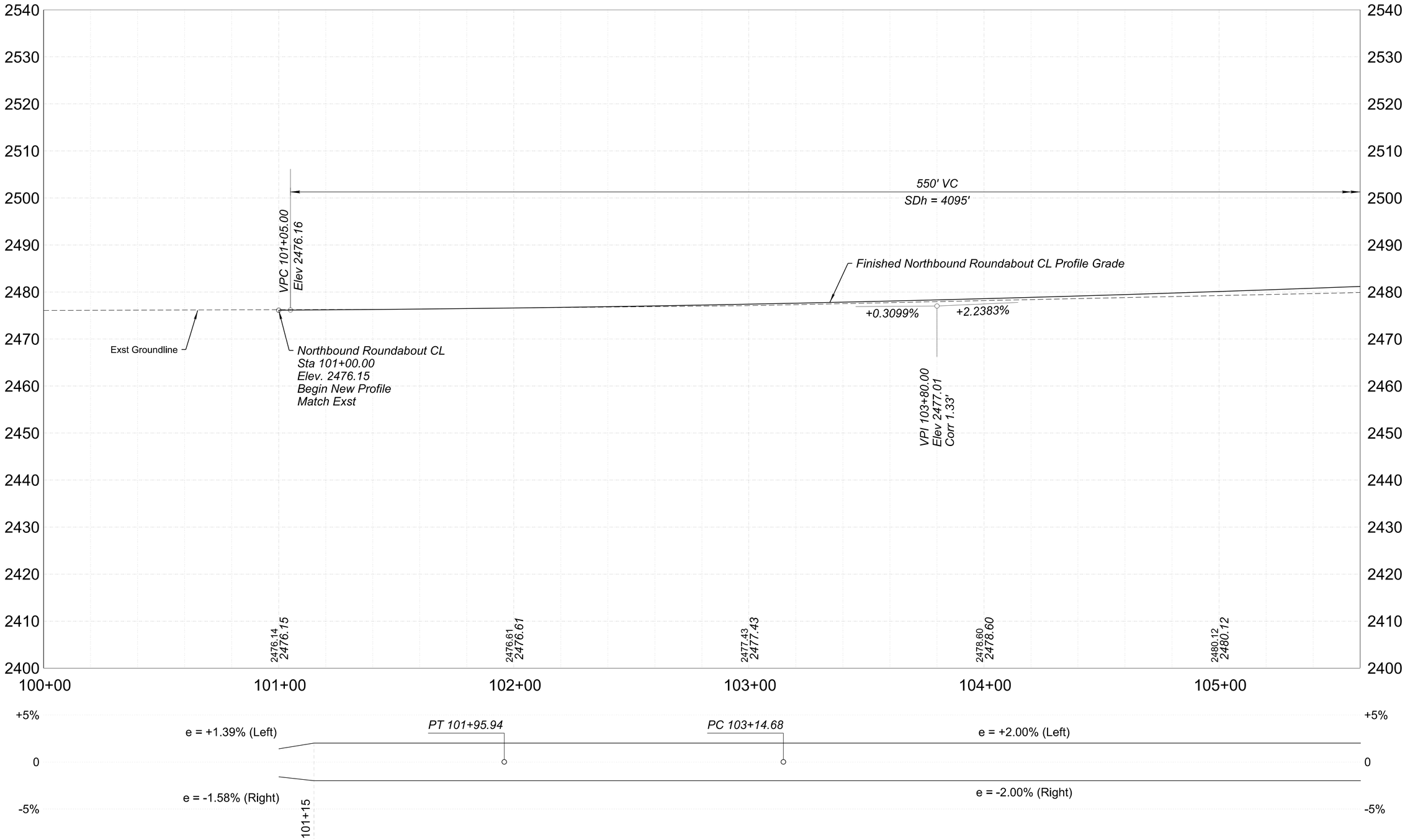
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-6.09

TRACS NO. F0738 01C

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

Registered Professional Engineer Certificate 26609 DALE WIGGINS Date Signed 06/26/26 ARIZONA, U.S.A.

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ROUNDABOUT STAKING PROFILES

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	242	524	

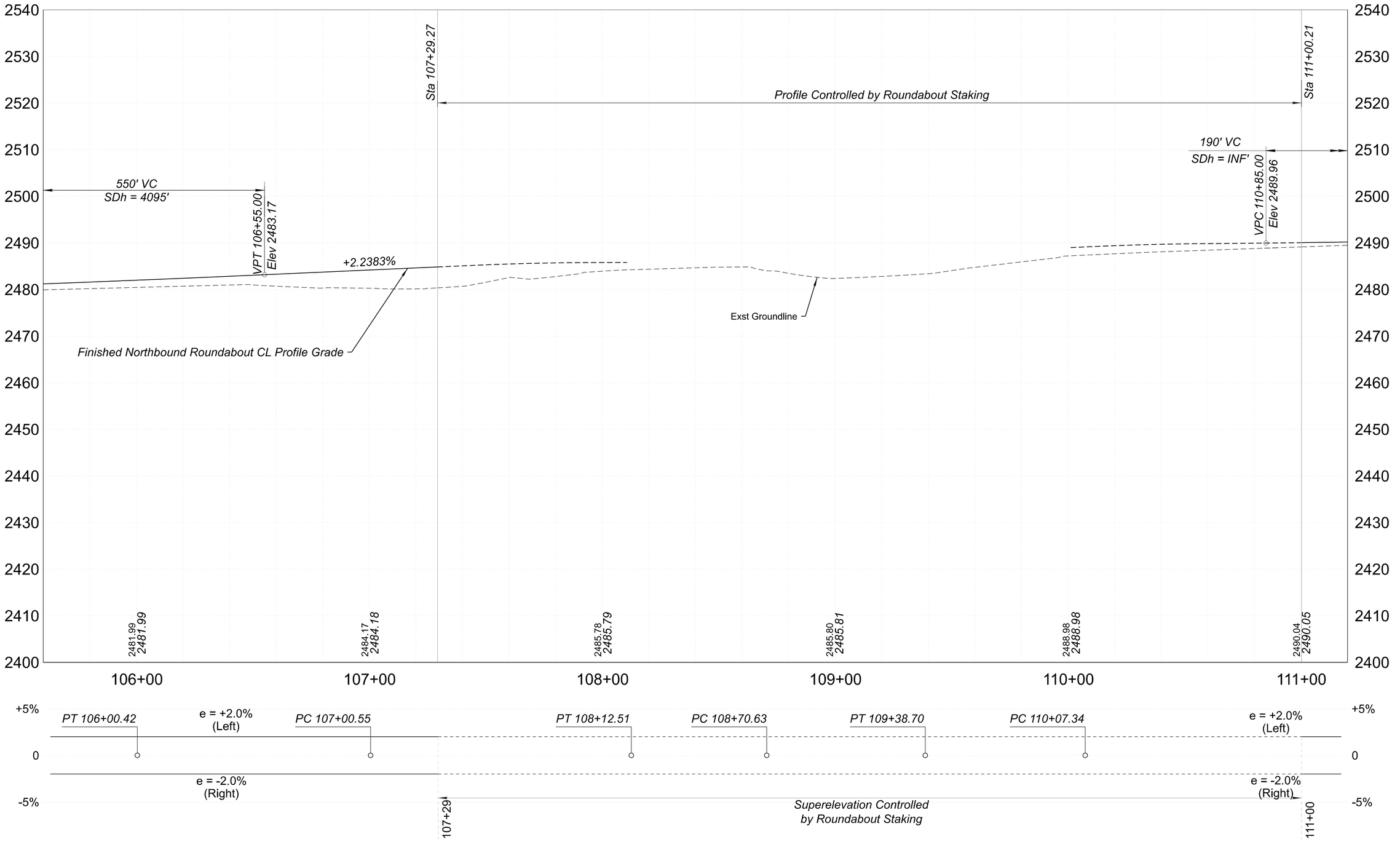
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-6.10

TRACS NO. F0738 01C

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

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MORETON RD / NINE IRON RANCH RD ROUNDABOUT STAKING PROFILES

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	243	524	

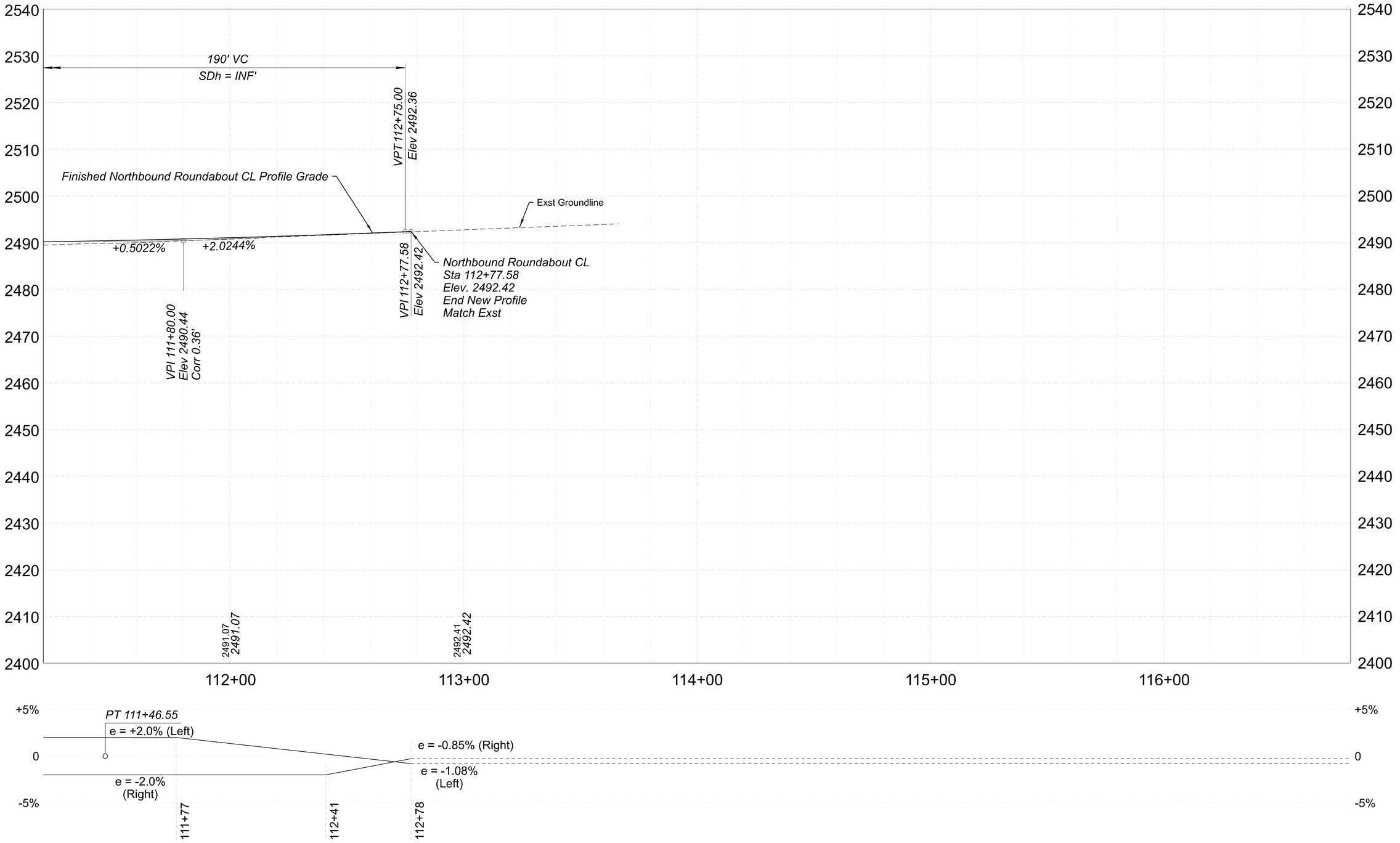
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-6.11

TRACS NO. F0738 01C

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

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MORETON RD / NINE IRON RANCH RD
ROUNDABOUT STAKING PROFILES

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	244	524	

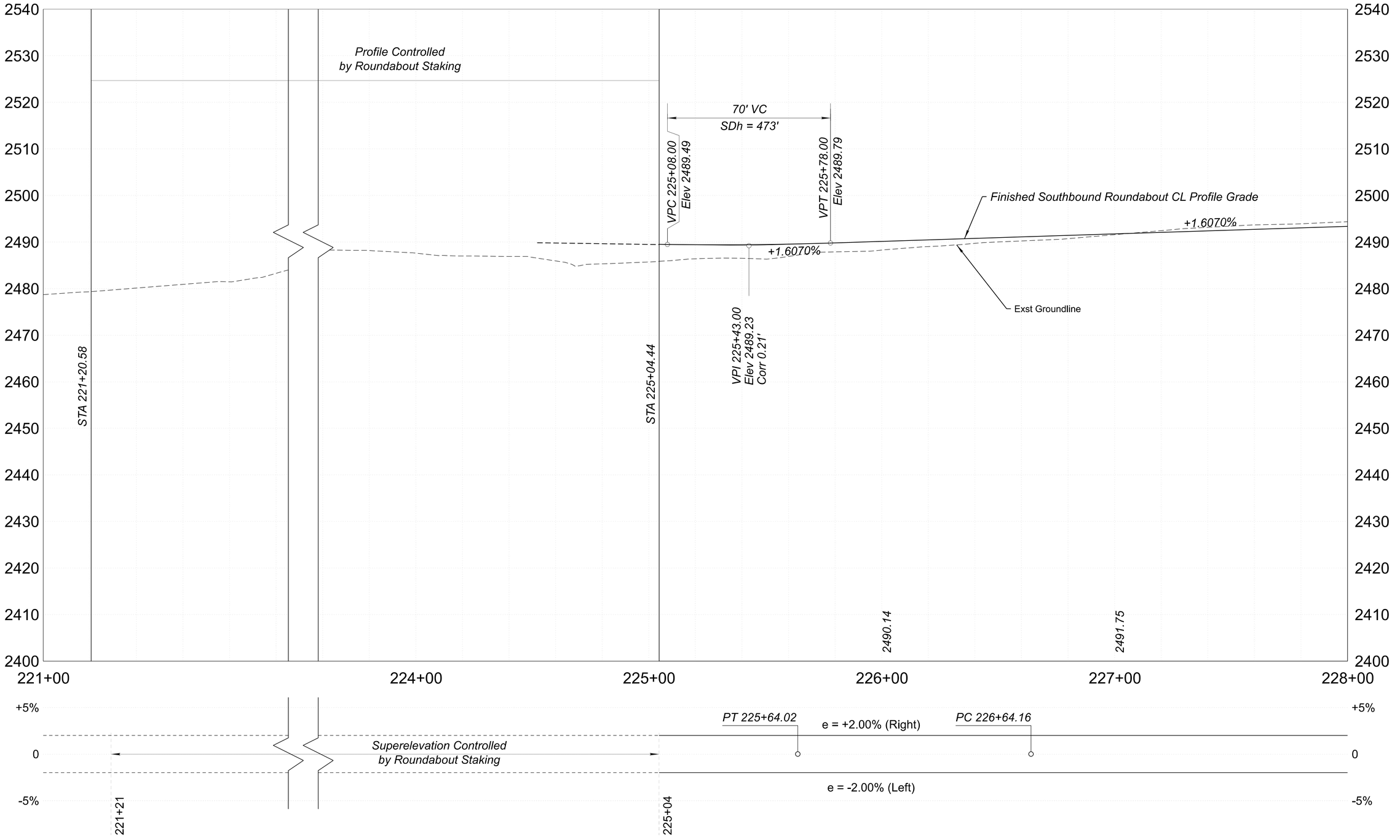
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-6.12

TRACS NO. F0738 01C

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

MORETON RD / NINE IRON RANCH RD
ROUNDABOUT STAKING PROFILES

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	245	524	

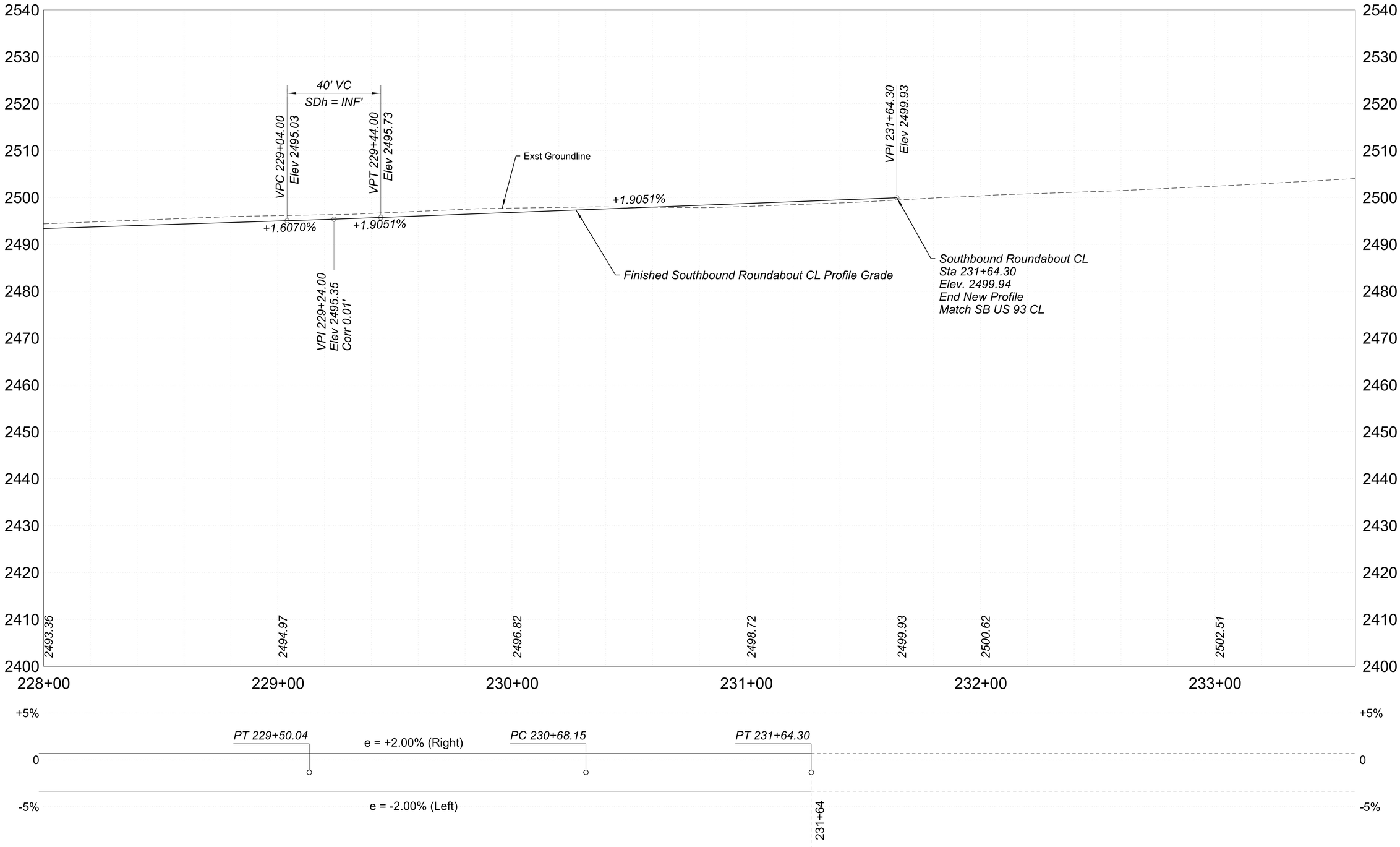
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-6.13

TRACS NO. F0738 01C

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	J BEMELEN	06/26

Registered Professional Engineer (Civil)
26609
DALE
WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

TRANSPORTATION
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MORETON RD / NINE IRON RANCH RD
ROUNDABOUT STAKING PROFILES

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	246	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-6.14

TRACS NO. F0738 01C

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Roundabout Crown CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**Roundabout Crown CL**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PC	1000	300+00.00	1105437.18	425303.47						
Arc	HPI	1001	300+05.21	1105441.51	425306.38	79.00	10.41	07°33'08"	Left		
Arc	CC			1105481.21	425237.89						
Arc	PCC	1002	300+10.41	1105446.18	425308.69						
Arc	PCC	1002	300+10.41	1105446.18	425308.69						
Arc	HPI	1003	300+30.99	1105464.62	425317.82	60.00	39.65	37°51'49"	Left		
Arc	CC			1105472.79	425254.92						
Arc	PT	1004	300+50.06	1105484.79	425313.70						
Tangent	PT	1004	300+50.06	1105484.79	425313.70						
Tangent	PC	1005	300+61.73	1105496.21	425311.37						
Arc	PC	1005	300+61.73	1105496.21	425311.37						
Arc	HPI	1006	301+05.24	1105538.84	425302.67	75.00	78.85	60°14'16"	Left		
Arc	CC			1105481.21	425237.89						
Arc	PT	1007	301+40.58	1105552.45	425261.34						
Tangent	PT	1007	301+40.58	1105552.45	425261.34						
Tangent	PC	1008	301+52.24	1105556.10	425250.26						
Arc	PC	1008	301+52.24	1105556.10	425250.26						
Arc	HPI	1009	301+72.82	1105562.53	425230.72	60.00	39.65	37°51'49"	Left		
Arc	CC			1105499.11	425231.50						
Arc	PCC	1010	301+91.89	1105555.62	425211.33						
Arc	PCC	1010	301+91.89	1105555.62	425211.33						
Arc	HPI	1011	302+23.02	1105545.15	425182.01	79.00	59.32	43°01'11"	Left		
Arc	CC			1105481.21	425237.89						
Arc	PCC	1012	302+51.21	1105517.50	425167.71						
Arc	PCC	1012	302+51.21	1105517.50	425167.71						
Arc	HPI	1013	302+71.79	1105499.22	425158.26	60.00	39.65	37°51'49"	Left		
Arc	CC			1105489.94	425221.01						
Arc	PT	1014	302+90.86	1105478.98	425162.02						
Tangent	PT	1014	302+90.86	1105478.98	425162.02						
Tangent	PC	1015	303+02.52	1105467.52	425164.15						
Arc	PC	1015	303+02.52	1105467.52	425164.15						
Arc	HPI	1016	303+48.87	1105421.95	425172.61	75.00	83.03	63°25'48"	Left		
Arc	CC			1105481.21	425237.89						
Arc	PT	1017	303+85.55	1105409.14	425217.15						

Roundabout Crown CL (cont.)

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**Roundabout Crown CL**									
Description:											
Style:		Alignment\Geom_Baseline									
Tangent	PT	1017	303+85.55	1105409.14	425217.15						
Tangent	PC	1018	303+97.21	1105405.91	425228.36						
Arc	PC	1018	303+97.21	1105405.91	425228.36						
Arc	HPI	1019	304+17.79	1105400.22	425248.14	60.00	39.65	37°51'49"	Left		
Arc	CC			1105463.57	425244.95						
Arc	PCC	1020	304+36.86	1105407.87	425267.25						
Arc	PCC	1020	304+36.86	1105407.87	425267.25						
Arc	HPI	1021	304+61.24	1105416.93	425289.88	79.00	47.30	34°18'20"	Left		
Arc	CC			1105481.21	425237.89						
Arc	PT	1022	304+84.16	1105437.18	425303.47						

Outside SW CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**Outside SW**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PC	1500	320+00.00	1105301.94	425375.58						
Arc	HPI	1501	320+82.60	1105355.55	425312.75	500.00	163.71	18°45'36"	Left		
Arc	CC			1104921.58	425051.04						
Arc	PCC	1502	321+63.71	1105386.11	425236.02						
Arc	PCC	1502	321+63.71	1105386.11	425236.02						
Arc	HPI	1503	321+73.61	1105389.77	425226.82	30.00	19.12	36°31'31"	Left		
Arc	CC			1105358.23	425224.92						
Arc	PCC	1504	321+82.84	1105387.24	425217.25						
Arc	PCC	1504	321+82.84	1105387.24	425217.25						
Arc	HPI	1505	322+23.66	1105376.80	425177.78	90.00	76.65	48°47'54"	Left		
Arc	CC			1105300.23	425240.26						
Arc	PT	1506	322+59.49	1105340.23	425159.63						

Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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

MORETON RD / NINE IRON RANCH RD
ROUNDABOUT STAKING DATA SHEET

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	247	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. C-6.15
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

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Outside NW CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**Outside NW**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PC	2000	360+00.00	1105322.41	425124.69						
Arc	HPI	2001	360+75.20	1105393.71	425148.61	435.00	148.94	19°37'01"	Left		
Arc	CC			1105460.78	424712.28						
Arc	PCC	2002	361+48.94	1105468.90	425147.21						
Arc	PCC	2002	361+48.94	1105468.90	425147.21						
Arc	HPI	2003	361+52.83	1105472.79	425147.14	60.00	7.77	07°25'27"	Left		
Arc	CC			1105467.78	425087.22						
Arc	PT	2004	361+56.71	1105476.64	425146.56						
Tangent	PT	2004	361+56.71	1105476.64	425146.56						
Tangent	PC	2005	361+89.04	1105508.62	425141.78						
Arc	PC	2005	361+89.04	1105508.62	425141.78						
Arc	HPI	2006	362+49.14	1105568.06	425132.91	120.00	111.43	53°12'07"	Left		
Arc	CC			1105490.90	425023.10						
Arc	PT	2007	363+00.47	1105596.55	425080.00						
Tangent	PT	2007	363+00.47	1105596.55	425080.00						
Tangent	PC	2008	364+00.61	1105644.03	424991.83						
Arc	PC	2008	364+00.61	1105644.03	424991.83						
Arc	HPI	2009	365+46.12	1105713.02	424863.72	1051.00	289.18	15°45'54"	Right		
Arc	CC			1106569.37	425490.17						
Arc	PT	2010	366+89.79	1105814.23	424759.17						
Tangent	PT	2010	366+89.79	1105814.23	424759.17						
Tangent	PC	2011	368+07.90	1105896.38	424674.31						
Arc	PC	2011	368+07.90	1105896.38	424674.31						
Arc	HPI	2012	368+55.61	1105929.56	424640.02	1520.00	95.40	03°35'45"	Left		
Arc	CC			1104804.25	423617.11						
Arc	PT	2013	369+03.30	1105960.54	424603.73						

Outside NE CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**Outside_NE**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PC	2500	400+00.00	1105690.47	425283.21						
Arc	HPI	2501	400+30.50	1105662.14	425294.51	100.00	59.21	33°55'24"	Right		
Arc	CC			1105653.41	425190.33						
Arc	PCC	2502	400+59.21	1105632.33	425288.08						
Arc	PCC	2502	400+59.21	1105632.33	425288.08						
Arc	HPI	2503	400+88.70	1105603.50	425281.86	80.00	56.51	40°28'27"	Right		
Arc	CC			1105649.19	425209.88						
Arc	PCC	2504	401+15.72	1105585.60	425258.42						

Outside NE CL (cont.)

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**Outside_NE**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PCC	2504	401+15.72	1105585.60	425258.42						
Arc	HPI	2505	401+33.11	1105575.05	425244.59	30.00	31.52	60°12'12"	Right		
Arc	CC			1105609.45	425240.22						
Arc	PCC	2506	401+47.24	1105581.80	425228.57						
Arc	PCC	2506	401+47.24	1105581.80	425228.57						
Arc	HPI	2507	402+24.76	1105611.90	425157.14	500.00	153.80	17°37'28"	Right		
Arc	CC			1106042.57	425422.72						
Arc	PT	2508	403+01.04	1105662.21	425098.17						

Outside SE CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**Outside_SE**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PC	3000	440+00.00	1105001.71	425872.25						
Arc	HPI	3001	440+47.61	1105032.62	425836.04	1520.00	95.19	03°35'17"	Right		
Arc	CC			1106157.99	426858.87						
Arc	PT	3002	440+95.19	1105065.72	425801.82						
Tangent	PT	3002	440+95.19	1105065.72	425801.82						
Tangent	PC	3003	442+13.93	1105148.30	425716.50						
Arc	PC	3003	442+13.93	1105148.30	425716.50						
Arc	HPI	3004	443+59.36	1105249.44	425611.99	1051.00	289.04	15°45'25"	Left		
Arc	CC			1104393.05	424985.61						
Arc	PT	3005	445+02.97	1105318.40	425483.94						
Tangent	PT	3005	445+02.97	1105318.40	425483.94						
Tangent	PC	3006	446+03.10	1105365.88	425395.77						
Arc	PC	3006	446+03.10	1105365.88	425395.77						
Arc	HPI	3007	446+63.19	1105394.37	425342.87	120.00	111.42	53°12'04"	Right		
Arc	CC			1105471.53	425452.67						
Arc	PCC	3008	447+14.53	1105453.80	425333.99						
Arc	PCC	3008	447+14.53	1105453.80	425333.99						
Arc	HPI	3009	447+37.81	1105476.83	425330.55	906.00	46.55	02°56'38"	Right		
Arc	CC			1105587.64	426230.05						
Arc	PCC	3010	447+61.08	1105500.00	425328.30						
Arc	PCC	3010	447+61.08	1105500.00	425328.30						
Arc	HPI	3011	447+81.88	1105520.70	425326.29	150.00	41.33	15°47'13"	Right		
Arc	CC			1105514.51	425477.59						
Arc	PT	3012	448+02.41	1105541.17	425329.98						

Registered Professional Engineer (Civil) 26609 DALE WIGGINS Date Signed 06/26/26 ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

MORETON RD / NINE IRON RANCH RD
ROUNDABOUT STAKING DATA SHEET

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	248	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. C-6.16
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

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Outside SE CL (cont.)

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**Outside_SE**									
Description:											
Style:		Alignment\Geom_Baseline									
Tangent	PT	3012	448+02.41	1105541.17	425329.98						
Tangent	PC	3013	448+17.27	1105555.79	425332.62						
Arc	PC	3013	448+17.27	1105555.79	425332.62						
Arc	HPI	3014	448+96.74	1105634.00	425346.75	231.87	153.14	37°50'28"	Left		
Arc	CC			1105596.99	425104.44						
Arc	PT	3015	449+70.40	1105704.43	425309.92						

South Splitter CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**South_Splitter**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PC	3500	460+00.00	1104980.58	425854.22						
Arc	HPI	3501	460+19.72	1104994.11	425839.88	3089.61	39.44	00°43'53"	Right		
Arc	CC			1107228.02	427974.30						
Arc	PT	3502	460+39.44	1105007.82	425825.71						
Tangent	PT	3502	460+39.44	1105007.82	425825.71						
Tangent	PC	3503	462+15.60	1105130.33	425699.11						
Arc	PC	3503	462+15.60	1105130.33	425699.11						
Arc	HPI	3504	463+64.02	1105233.55	425592.46	1026.00	294.79	16°27'44"	Left		
Arc	CC			1104393.05	424985.61						
Arc	PT	3505	465+10.39	1105302.31	425460.93						
Tangent	PT	3505	465+10.39	1105302.31	425460.93						
Tangent	PC	3506	465+97.06	1105342.46	425384.12						
Arc	PC	3506	465+97.06	1105342.46	425384.12						
Arc	HPI	3507	466+62.67	1105372.85	425325.98	164.00	124.81	43°36'19"	Right		
Arc	CC			1105487.80	425460.10						
Arc	PRC	3508	467+21.88	1105434.96	425304.85						
Arc	PRC	3508	467+21.88	1105434.96	425304.85						
Arc	HPI	3509	467+24.85	1105437.77	425303.89	1.50	3.31	126°27'38"	Left		
Arc	CC			1105434.47	425303.43						
Arc	PRC	3510	467+25.19	1105435.33	425302.19						

South Splitter CL (cont.)

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**South_Splitter**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PRC	3510	467+25.19	1105435.33	425302.19						
Arc	HPI	3511	467+45.13	1105418.94	425290.83	79.00	39.06	28°19'51"	Right		
Arc	CC			1105480.35	425237.28						
Arc	PRC	3512	467+64.25	1105409.91	425273.05						
Arc	PRC	3512	467+64.25	1105409.91	425273.05						
Arc	HPI	3513	467+69.81	1105407.40	425268.10	3.00	6.45	123°16'03"	Left		
Arc	CC			1105407.24	425274.41						
Arc	PRC	3514	467+70.71	1105404.64	425272.92						
Arc	PRC	3514	467+70.71	1105404.64	425272.92						
Arc	HPI	3515	468+43.71	1105368.35	425336.27	782.11	145.60	10°39'58"	Right		
Arc	CC			1104726.00	424884.15						
Arc	PT	3516	469+16.30	1105320.96	425391.81						

West Splitter CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**West_Splitter**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PC	4000	340+00.00	1105352.84	425152.67						
Arc	HPI	4001	340+33.04	1105381.49	425169.13	111.00	64.22	33°08'53"	Right		
Arc	CC			1105297.54	425248.91						
Arc	PRC	4002	340+64.22	1105396.47	425198.57						
Arc	PRC	4002	340+64.22	1105396.47	425198.57						
Arc	HPI	4003	340+67.30	1105397.87	425201.32	1.50	3.35	128°08'30"	Left		
Arc	CC			1105397.81	425197.89						
Arc	PRC	4004	340+67.57	1105399.17	425198.52						
Arc	PRC	4004	340+67.57	1105399.17	425198.52						
Arc	HPI	4005	340+87.89	1105407.72	425180.09	91.00	39.98	25°10'30"	Right		
Arc	CC			1105481.72	425236.82						
Arc	PRC	4006	341+07.56	1105423.30	425167.05						
Arc	PRC	4006	341+07.56	1105423.30	425167.05						
Arc	HPI	4007	341+14.09	1105428.30	425162.86	3.00	6.84	130°38'27"	Left		
Arc	CC			1105421.37	425164.75						
Arc	PRC	4008	341+14.40	1105421.86	425161.79						

Registered Professional Engineer — Certificate — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

MORETON RD / NINE IRON RANCH RD
ROUNDABOUT STAKING DATA SHEET

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	249	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. C-6.17
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

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West Splitter CL (cont.)

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**West_Splitter**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PRC	4008	341+14.40	1105421.86	425161.79						
Arc	HPI	4009	341+48.60	1105388.12	425156.19	669.00	68.35	05°51'13"	Right		
Arc	CC			1105531.39	424501.81						
Arc	PRC	4010	341+82.74	1105355.13	425147.18						
Arc	PRC	4010	341+82.74	1105355.13	425147.18						
Arc	HPI	4011	342+06.15	1105332.55	425141.01	3.00	8.66	165°23'38"	Left		
Arc	CC			1105354.34	425150.07						
Arc	PT	4012	341+91.40	1105352.84	425152.67						

North Splitter CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**North_Splitter**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PC	4500	380+00.00	1105979.55	424619.96						
Arc	HPI	4501	380+48.50	1105948.07	424656.85	1545.00	96.97	03°35'45"	Right		
Arc	CC			1104804.25	423617.11						
Arc	PT	4502	380+96.97	1105914.34	424691.70						
Tangent	PT	4502	380+96.97	1105914.34	424691.70						
Tangent	PC	4503	382+15.08	1105832.19	424776.56						
Arc	PC	4503	382+15.08	1105832.19	424776.56						
Arc	HPI	4504	383+63.57	1105728.91	424883.25	1026.00	294.93	16°28'12"	Left		
Arc	CC			1106569.37	425490.17						
Arc	PT	4505	385+10.01	1105660.12	425014.84						
Tangent	PT	4505	385+10.01	1105660.12	425014.84						
Tangent	PC	4506	385+96.68	1105619.97	425091.65						
Arc	PC	4506	385+96.68	1105619.97	425091.65						
Arc	HPI	4507	386+62.28	1105589.58	425149.79	164.00	124.81	43°36'19"	Right		
Arc	CC			1105474.63	425015.67						
Arc	PRC	4508	387+21.49	1105527.47	425170.93						
Arc	PRC	4508	387+21.49	1105527.47	425170.93						
Arc	HPI	4509	387+24.46	1105524.66	425171.88	1.50	3.31	126°25'07"	Left		
Arc	CC			1105527.95	425172.35						
Arc	PRC	4510	387+24.80	1105527.10	425173.58						
Arc	PRC	4510	387+24.80	1105527.10	425173.58						
Arc	HPI	4511	387+46.10	1105544.59	425185.73	79.00	41.61	30°10'36"	Right		
Arc	CC			1105482.03	425238.46						
Arc	PRC	4512	387+66.41	1105553.60	425205.03						

North Splitter CL (cont.)

Element	Point Type	Point Number	Station		Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**North_Splitter**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PRC	4512	387+66.41	1105553.60	425205.03						
Arc	HPI	4513	387+72.39	1105556.14	425210.45	3.00	6.64	126°43'49"	Left		
Arc	CC			1105556.32	425203.76						
Arc	PRC	4514	387+73.04	1105558.97	425205.17						
Arc	PRC	4514	387+73.04	1105558.97	425205.17						
Arc	HPI	4515	388+48.10	1105594.47	425139.04	700.00	149.55	12°14'27"	Right		
Arc	CC			1106175.69	425536.31						
Arc	PT	4516	389+22.59	1105643.19	425081.94						

East Splitter CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**East_Splitter**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PC	5000	420+00.00	1105654.46	425304.32						
Arc	HPI	5001	420+38.50	1105615.96	425304.68	114.00	74.26	37°19'18"	Right		
Arc	CC			1105653.41	425190.33						
Arc	PCC	5002	420+74.26	1105585.13	425281.62						
Arc	PCC	5002	420+74.26	1105585.13	425281.62						
Arc	HPI	5003	420+84.88	1105576.63	425275.26	110.00	21.17	11°01'42"	Right		
Arc	CC			1105651.01	425193.53						
Arc	PRC	5004	420+95.43	1105569.50	425267.39						
Arc	PRC	5004	420+95.43	1105569.50	425267.39						
Arc	HPI	5005	420+97.99	1105567.78	425265.49	1.50	3.12	119°16'45"	Left		
Arc	CC			1105568.38	425268.40						
Arc	PRC	5006	420+98.55	1105566.96	425267.92						
Arc	PRC	5006	420+98.55	1105566.96	425267.92						
Arc	HPI	5007	421+22.63	1105559.30	425290.75	91.00	47.08	29°38'31"	Right		
Arc	CC			1105480.69	425238.98						
Arc	PRC	5008	421+45.63	1105541.36	425306.80						
Arc	PRC	5008	421+45.63	1105541.36	425306.80						
Arc	HPI	5009	421+51.78	1105536.78	425310.90	3.00	6.70	127°56'55"	Left		
Arc	CC			1105543.36	425309.04						
Arc	PT	5010	421+52.33	1105542.83	425311.99						
Tangent	PT	5010	421+52.33	1105542.83	425311.99						
Tangent	PC	5011	421+68.75	1105558.99	425314.91						

Professional Engineer — 26609 — DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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ROADWAY DESIGN SERVICES

MORETON RD / NINE IRON RANCH RD
ROUNDABOUT STAKING DATA SHEET

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	250	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. C-6.18
	TRACS NO. F0738 01C					____ OF ____

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East Splitter CL (cont.)

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**East_Splitter**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PC	5011	421+68.75	1105558.99	425314.91						
Arc	HPI	5012	422+18.25	1105607.69	425323.70	213.87	97.27	26°03'31"	Left		
Arc	CC			1105596.99	425104.44						
Arc	PCC	5013	422+66.02	1105655.31	425310.21						
Arc	PCC	5013	422+66.02	1105655.31	425310.21						
Arc	HPI	5014	422+88.37	1105676.80	425304.12	3.00	8.62	164°42'21"	Left		
Arc	CC			1105654.49	425307.32						
Arc	PT	5015	420+00.00	1105654.46	425304.32						

Northbound Roundabout CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**NB_RA**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PC	5500	100+00.00	1104927.85	425940.69						
Arc	HPI	5501	100+50.00	1104960.13	425902.50	21548.07	100.00	00°15'57"	Right		
Arc	CC			1121384.45	439851.09						
Arc	PCC	5502	101+00.00	1104992.58	425864.46						
Arc	PCC	5502	101+00.00	1104992.58	425864.46						
Arc	HPI	5503	101+47.97	1105023.73	425827.96	1532.00	95.94	03°35'17"	Right		
Arc	CC			1106157.99	426858.87						
Arc	PT	5504	101+95.94	1105057.10	425793.48						
Tangent	PT	5504	101+95.94	1105057.10	425793.48						
Tangent	PC	5505	103+14.68	1105139.68	425708.15						
Arc	PC	5505	103+14.68	1105139.68	425708.15						
Arc	HPI	5506	104+58.46	1105239.66	425604.84	1039.00	285.74	15°45'26"	Left		
Arc	CC			1104393.05	424985.61						
Arc	PT	5507	106+00.42	1105307.83	425478.25						
Tangent	PT	5507	106+00.42	1105307.83	425478.25						
Tangent	PC	5508	107+00.55	1105355.31	425390.08						
Arc	PC	5508	107+00.55	1105355.31	425390.08						
Arc	HPI	5509	107+60.15	1105383.57	425337.62	132.00	111.95	48°35'38"	Right		
Arc	CC			1105471.53	425452.67						
Arc	PT	5510	108+12.51	1105441.61	425324.11						
Tangent	PT	5510	108+12.51	1105441.61	425324.11						
Tangent	PC	5511	108+70.63	1105498.21	425310.93						

Northbound Roundabout CL (cont.)

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**NB_RA**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PC	5511	108+70.63	1105498.21	425310.93						
Arc	HPI	5512	109+07.21	1105533.85	425302.64	75.00	68.07	52°00'11"	Left		
Arc	CC			1105481.21	425237.89						
Arc	PT	5513	109+38.70	1105549.25	425269.24						
Tangent	PT	5513	109+38.70	1105549.25	425269.24						
Tangent	PC	5514	110+07.34	1105578.14	425207.19						
Arc	PC	5514	110+07.34	1105578.14	425207.19						
Arc	HPI	5515	110+77.38	1105607.62	425143.66	512.00	139.21	15°34'43"	Right		
Arc	CC			1106042.57	425422.72						
Arc	PT	5516	111+46.55	1105653.08	425090.38						
Tangent	PT	5516	111+46.55	1105653.08	425090.38						
Tangent	END	5517	113+66.55	1105795.88	424923.03						

Southbound Roundabout CL

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**SB RA**									
Description:											
Style:		Alignment\Geom_Baseline									
Tangent	START	6000	215+47.88	1104939.33	425819.03						
Tangent	PC	6001	221+20.58	1105311.07	425383.37						
Arc	PC	6001	221+20.58	1105311.07	425383.37						
Arc	HPI	6002	221+93.58	1105358.45	425327.84	512.00	145.03	16°13'47"	Left		
Arc	CC			1104921.58	425051.04						
Arc	PT	6003	222+65.61	1105388.43	425261.27						
Tangent	PT	6003	222+65.61	1105388.43	425261.27						
Tangent	PC	6004	223+25.03	1105412.83	425207.09						
Arc	PC	6004	223+25.03	1105412.83	425207.09						
Arc	HPI	6005	223+62.14	1105428.07	425173.25	75.00	68.93	52°39'17"	Right		
Arc	CC			1105481.21	425237.89						
Arc	PT	6006	223+93.95	1105464.21	425164.84						
Tangent	PT	6006	223+93.95	1105464.21	425164.84						
Tangent	PC	6007	224+52.07	1105520.82	425151.66						



	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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

MORETON RD / NINE IRON RANCH RD
ROUNDABOUT STAKING DATA SHEET

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	251	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. C-6.19	
STRUCTURE NO.	TRACS NO. F0738 01C					____ OF ____	

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Southbound Roundabout CL (cont.)

Element	Point Type	Point Number	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	K	P
Alignment Name:		**SB_RA**									
Description:											
Style:		Alignment\Geom_Baseline									
Arc	PC	6007	224+52.07	1105520.82	425151.66						
Arc	HPI	6008	225+11.66	1105578.86	425138.16	132.00	111.95	48°35'39"	Left		
Arc	CC			1105490.90	425023.10						
Arc	PT	6009	225+64.02	1105607.11	425085.69						
Tangent	PT	6009	225+64.02	1105607.11	425085.69						
Tangent	PC	6010	226+64.16	1105654.59	424997.52						
Arc	PC	6010	226+64.16	1105654.59	424997.52						
Arc	HPI	6011	228+08.01	1105722.80	424870.87	1039.00	285.88	15°45'54"	Right		
Arc	CC			1106569.37	425490.17						
Arc	PT	6012	229+50.04	1105822.85	424767.52						
Tangent	PT	6012	229+50.04	1105822.85	424767.52						
Tangent	PC	6013	230+68.15	1105905.00	424682.65						
Arc	PC	6013	230+68.15	1105905.00	424682.65						
Arc	HPI	6014	231+16.24	1105938.45	424648.10	1532.00	96.15	03°35'46"	Left		
Arc	CC			1104804.25	423617.11						
Arc	PT	6015	231+64.30	1105969.66	424611.52						

Registered Professional Engineer
26609
DALE
WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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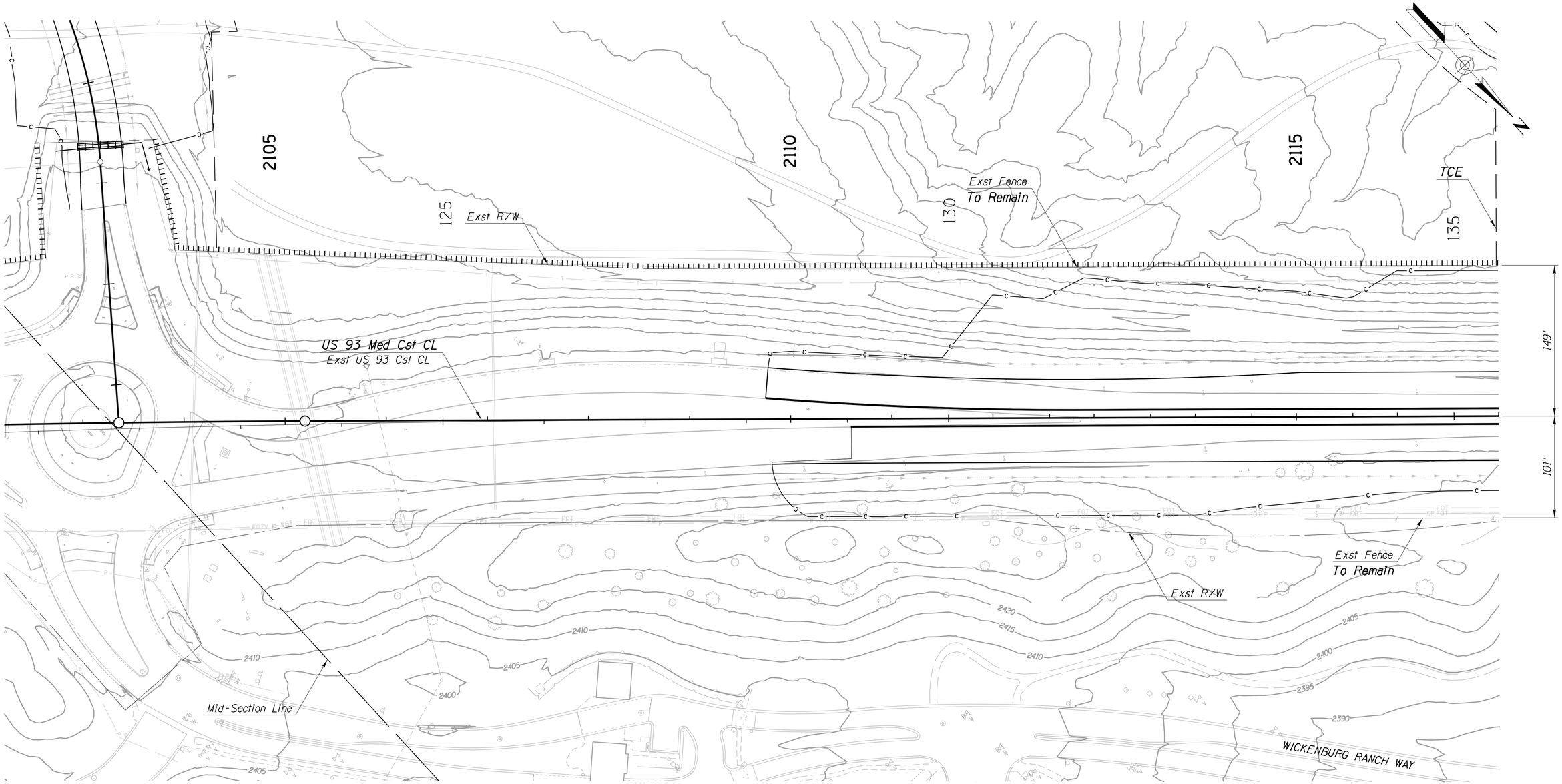
MORETON RD / NINE IRON RANCH RD
ROUNDABOUT STAKING DATA SHEET

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	252	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. C-6.20
	TRACS NO. F0738 01C					____ OF____

NOTE:
See Dwg No. C-7.23 for fence along Wickenburg Ranch Way.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	253	524	

093 YV 189



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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Phoenix, Arizona 85016
Phones: (602) 333-2200

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

US 93
FENCE SHEET
STA 2109+75.28 TO STA 2117+00

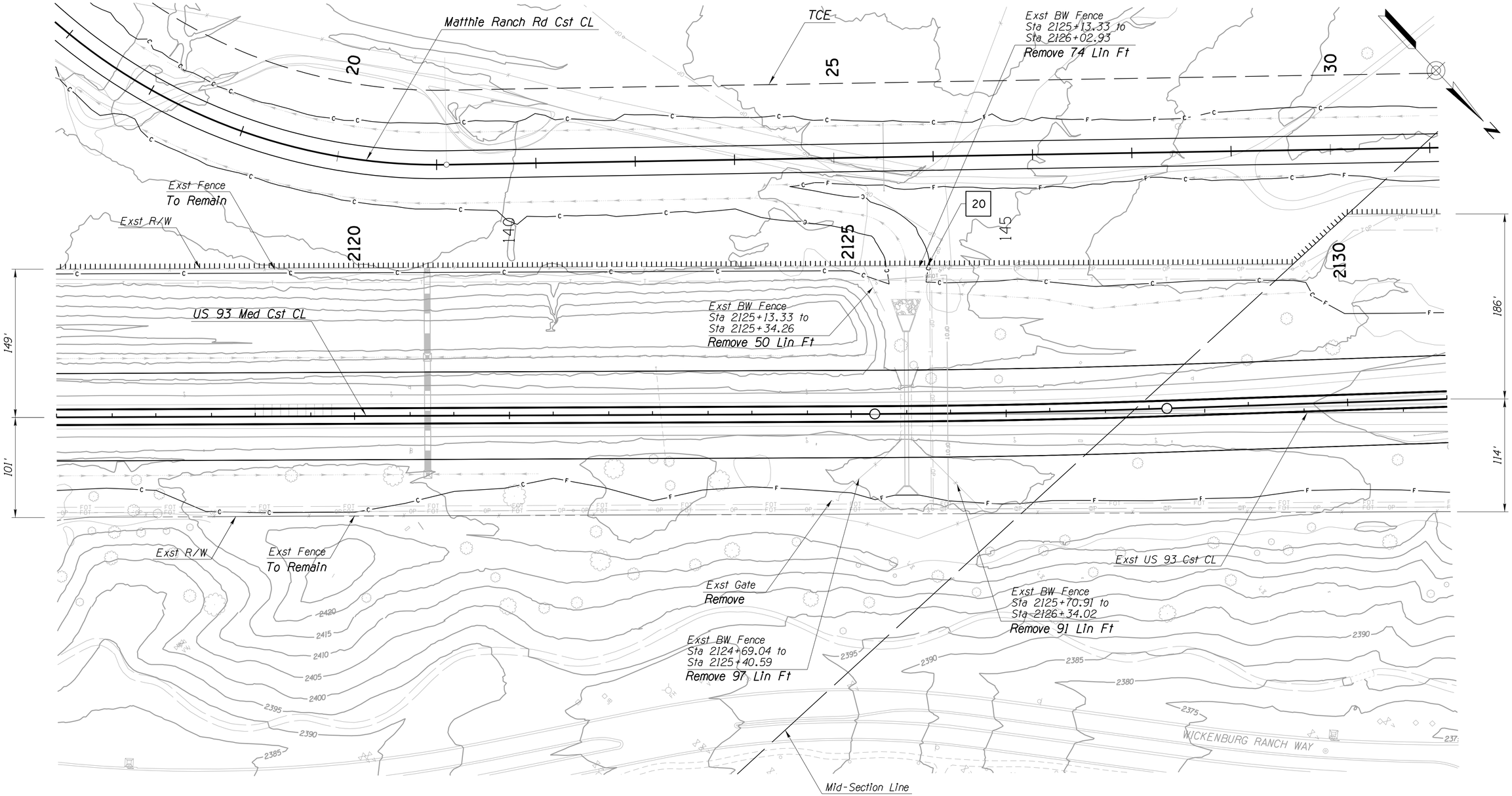
Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. C-7.01

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	254	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

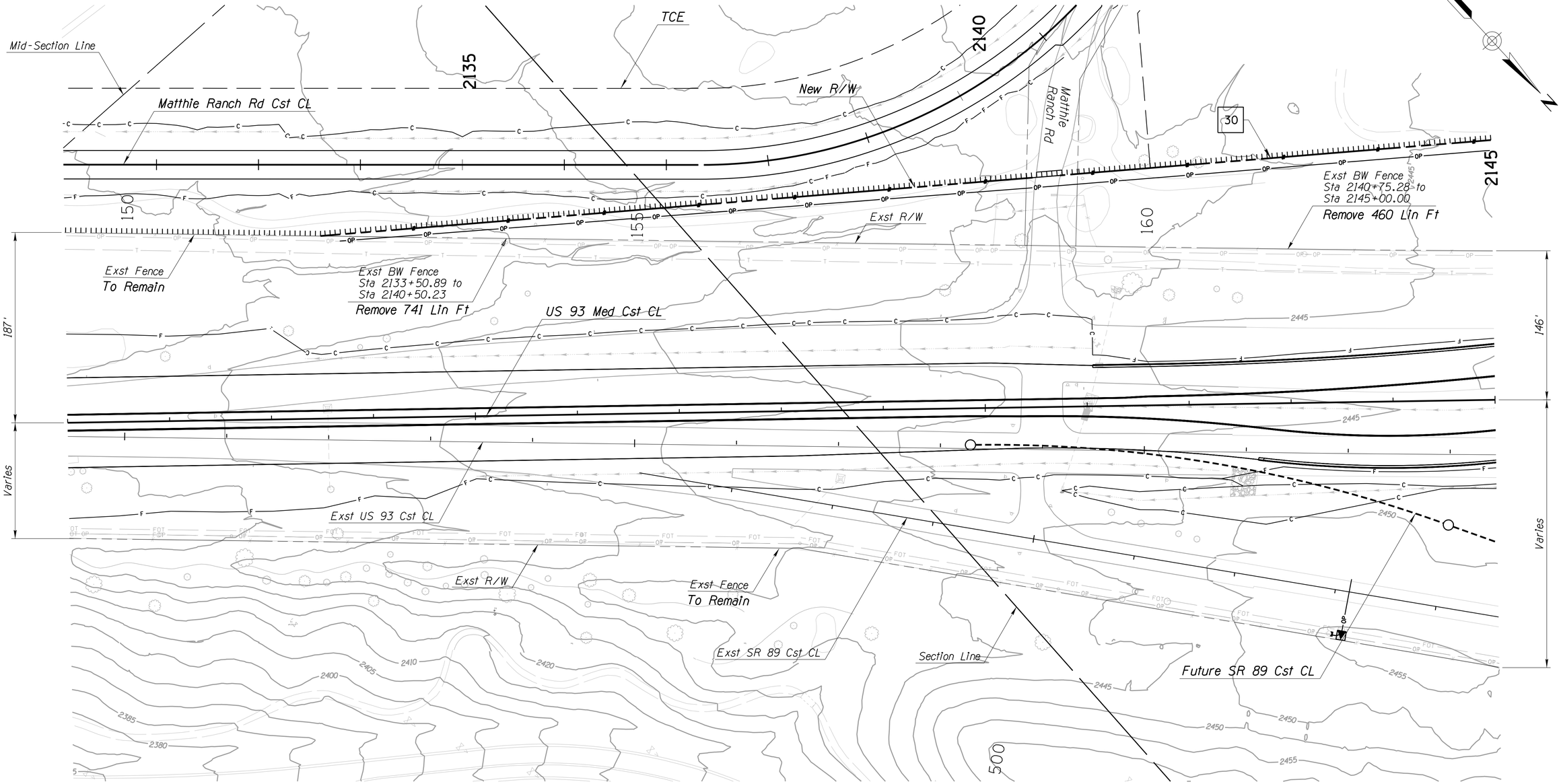
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

US 93
FENCE SHEET
STA 2117+00 TO STA 2131+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-7.02
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	255	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

US 93
FENCE SHEET
STA 2131+00 TO STA 2145+00

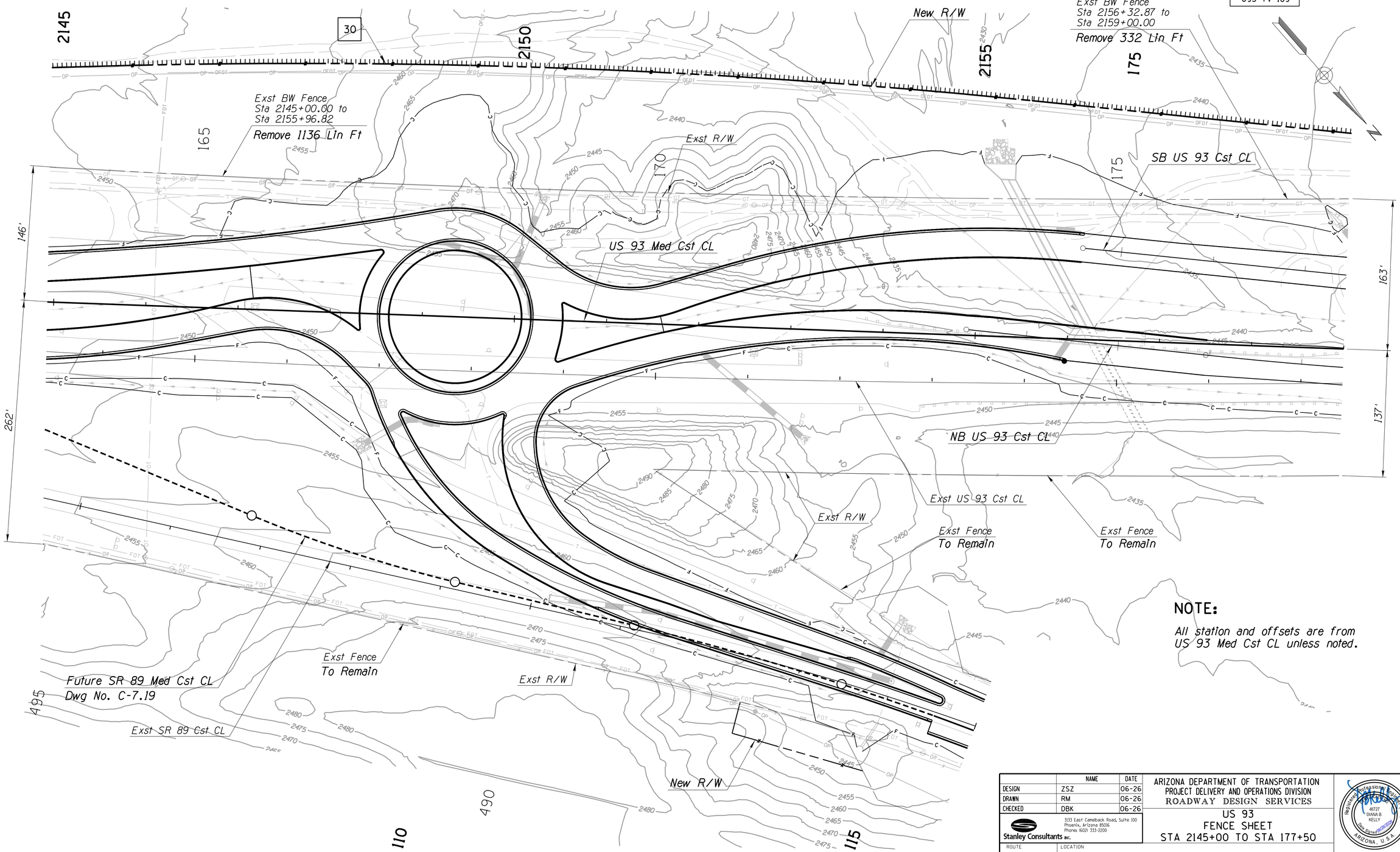
Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-7.03
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	OF

NOTE:

See Dwg No. C-7.19 for fence along SR 89.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	256	524	
		093 YV 189			



NOTE:

All station and offsets are from US 93 Med Cst CL unless noted.

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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ROADWAY DESIGN SERVICES

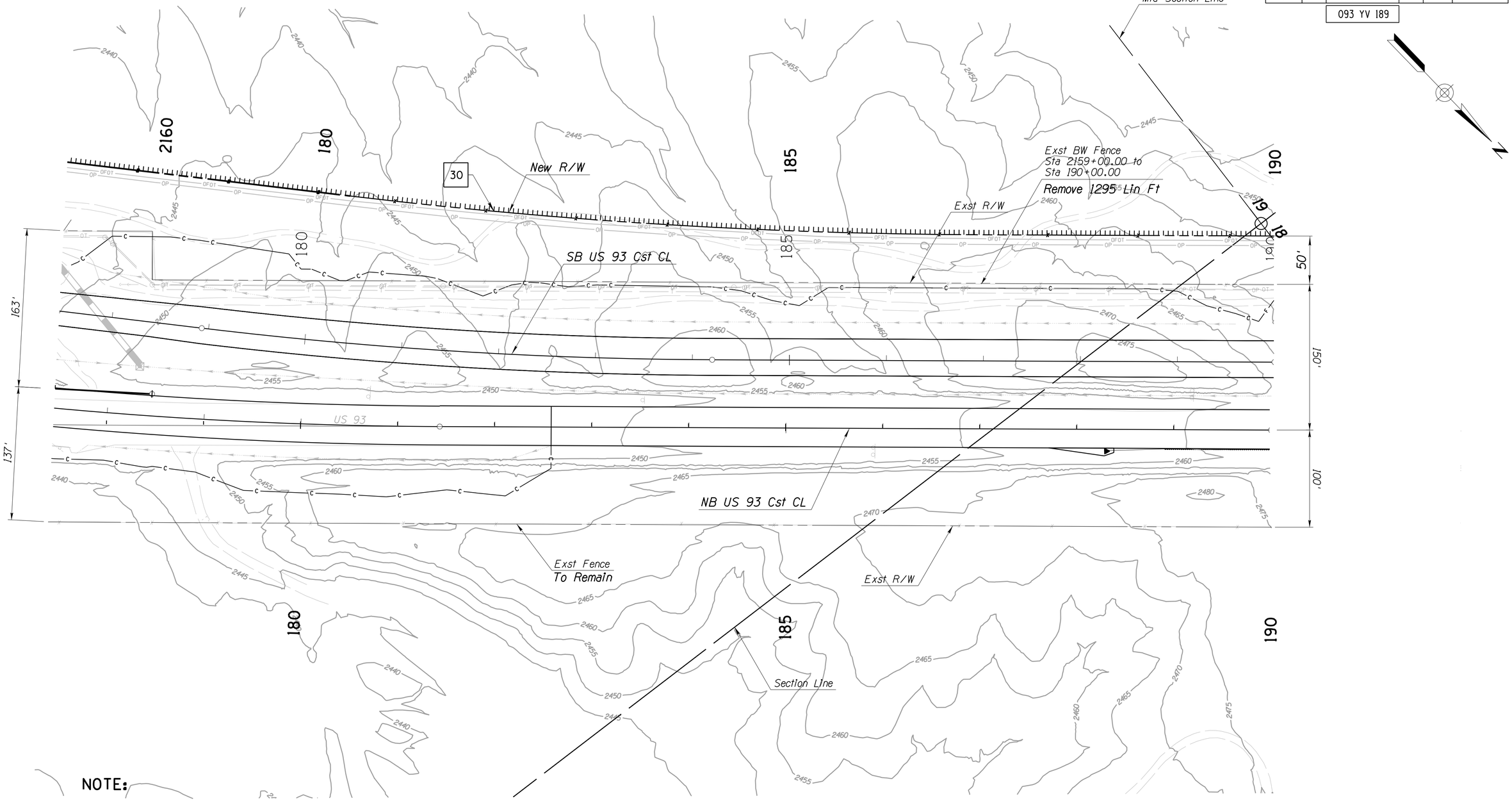
US 93
FENCE SHEET
STA 2145+00 TO STA 177+50

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 07/31/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-7.04
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	257	524	

093 YV 189



NOTE:

All station and offsets are from US 93 Med Cst CL unless noted.

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

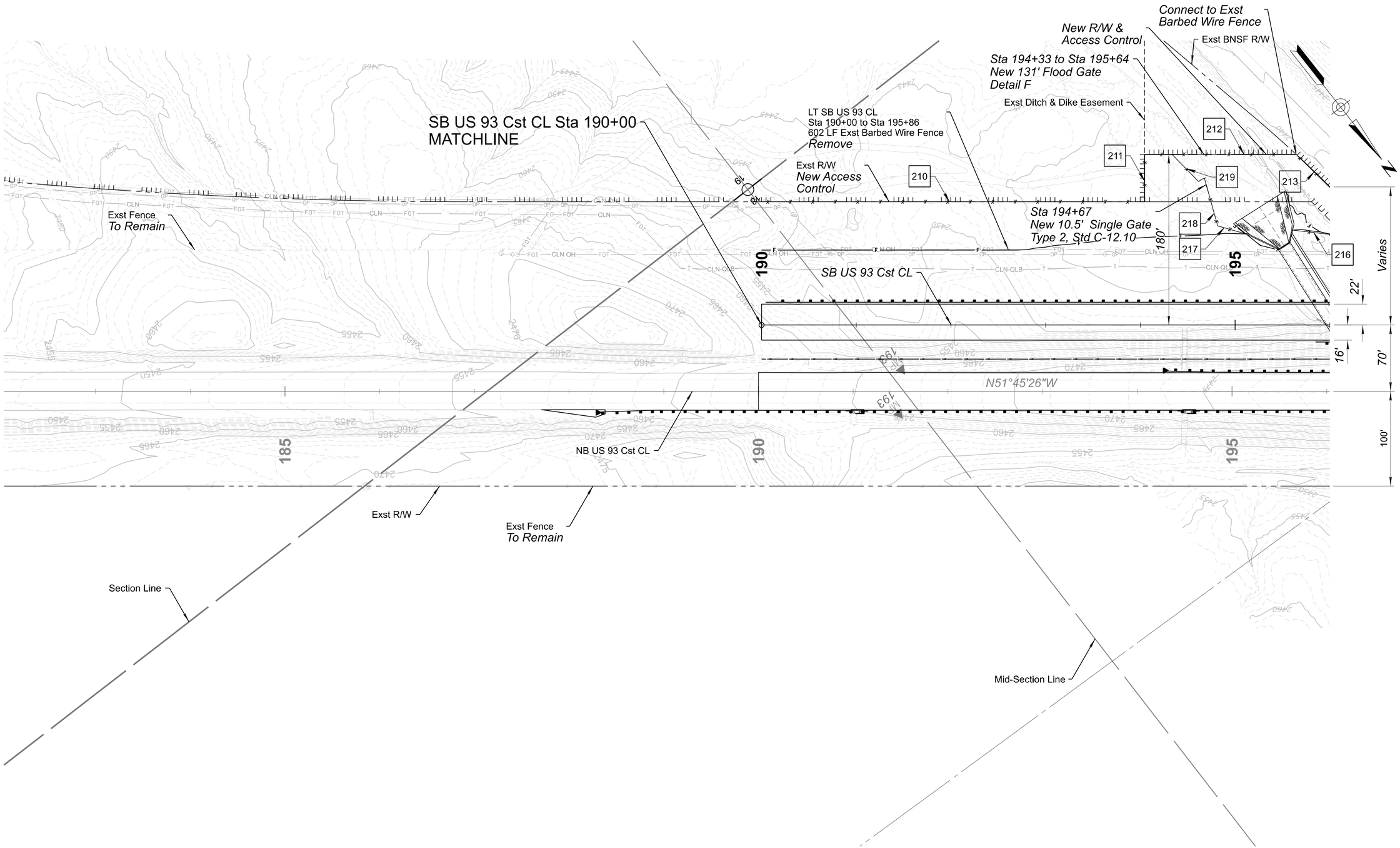
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Phone: (602) 333-2200

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

US 93
FENCE SHEET
STA 177+50 TO STA 190+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
ARIZONA, U.S.A.
It is signed electronically

ROUTE	LOCATION	DWG NO. C-7.05
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___



	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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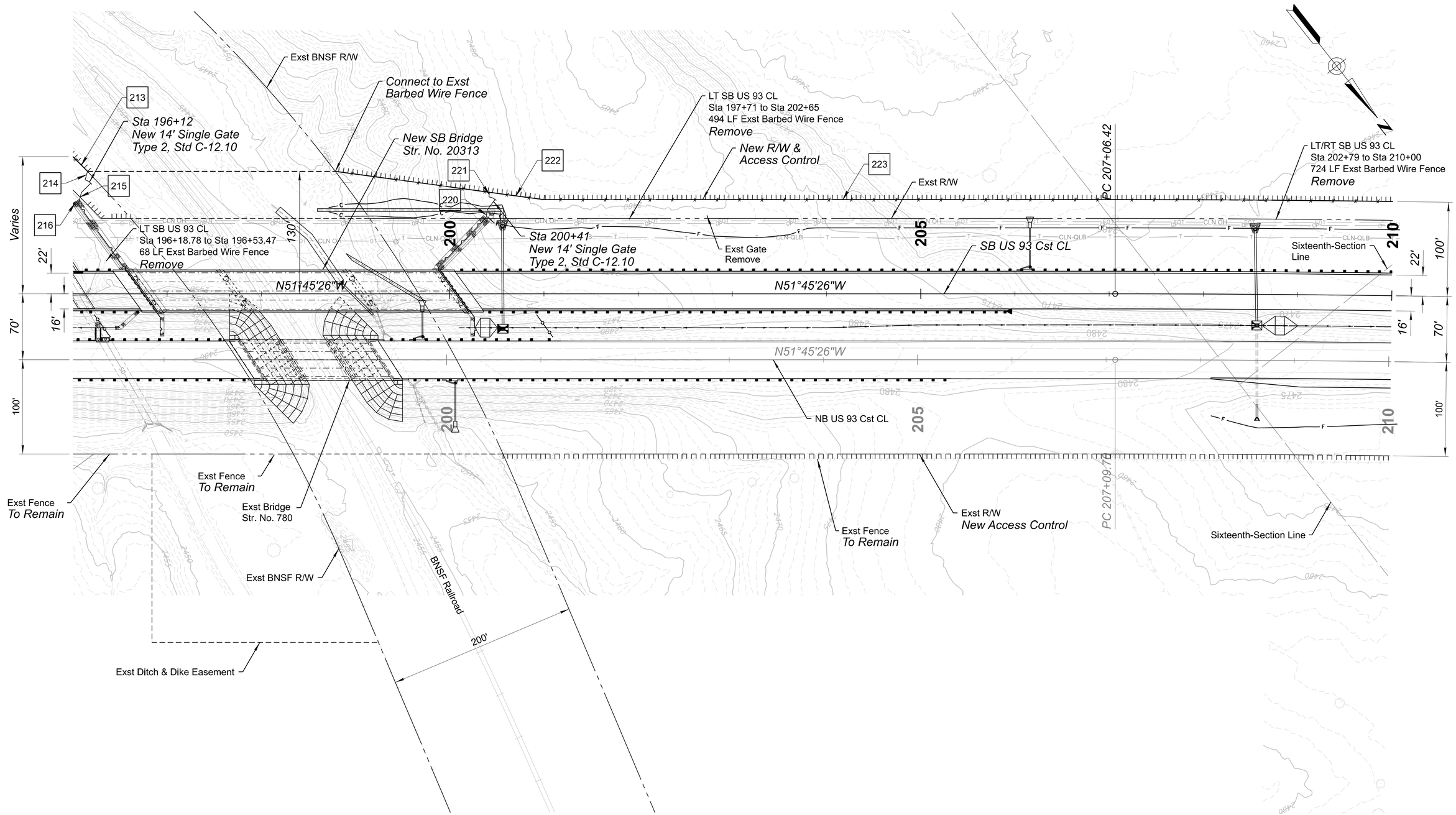
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ROADWAY DESIGN SERVICES

FENCE PLAN SHEET
SB US 93 STA 190+00 TO STA 196+00

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	258	524	
MILEPOST 189.9	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. C-7.06
	TRACS NO. F0738 01C					____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Registered professional engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

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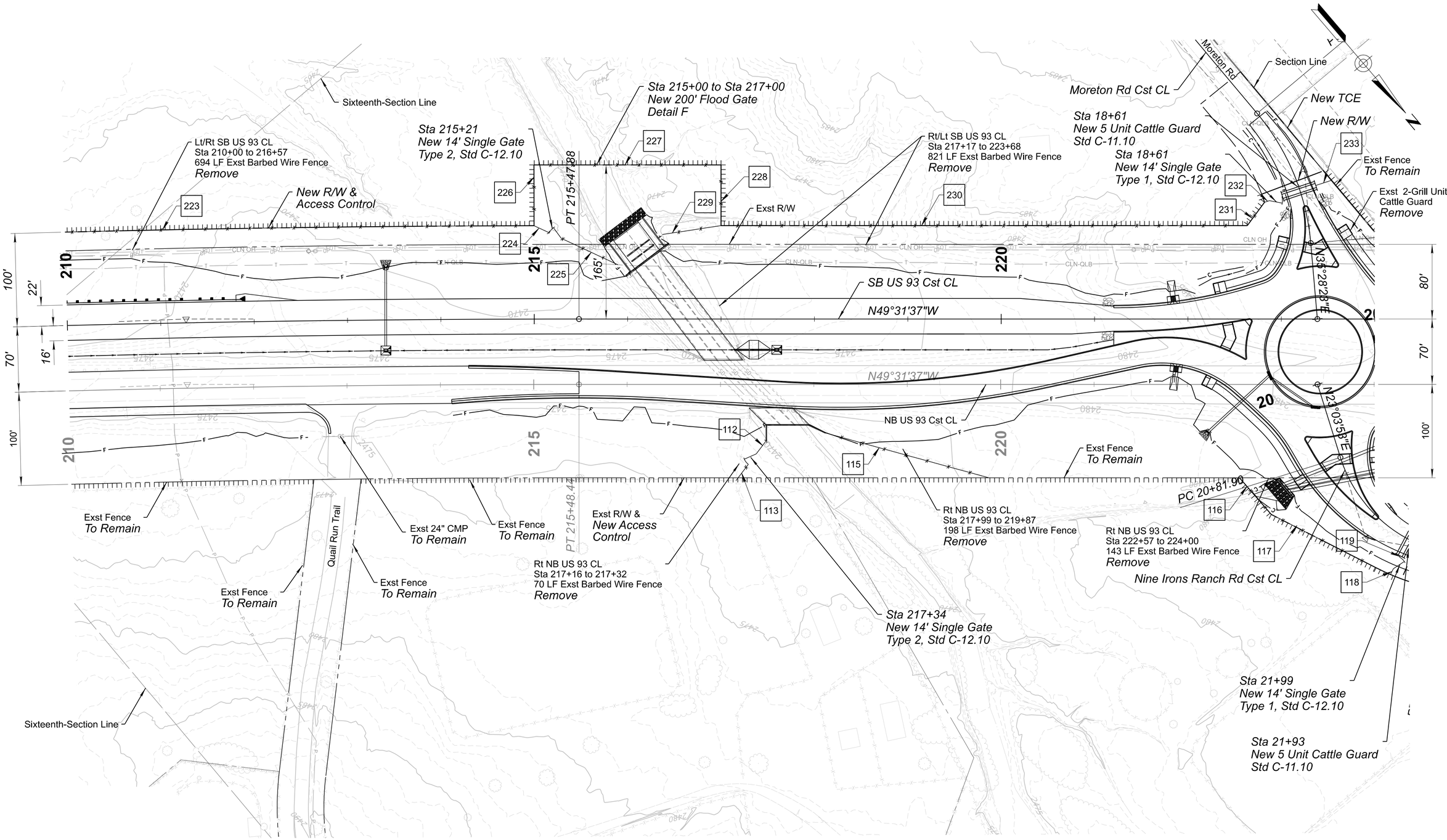
FENCE PLAN SHEET
SB US 93 STA 196+00 TO STA 210+00

ROUTE: US 93
MILEPOST: 189.9
STRUCTURE NO.:

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	259	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-7.07
TRACS NO. F0738 01C
____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Registered Professional Engineer — Certificate 26609 — DALE WIGGINS — Date Signed (Decade) — ARIZONA, U.S.A.

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ROADWAY DESIGN SERVICES

FENCE PLAN SHEET
SB US 93 STA 210+00 TO STA 224+00
E FRONTAGE RD STA 111+54 TO STA 112+00

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	260	524	

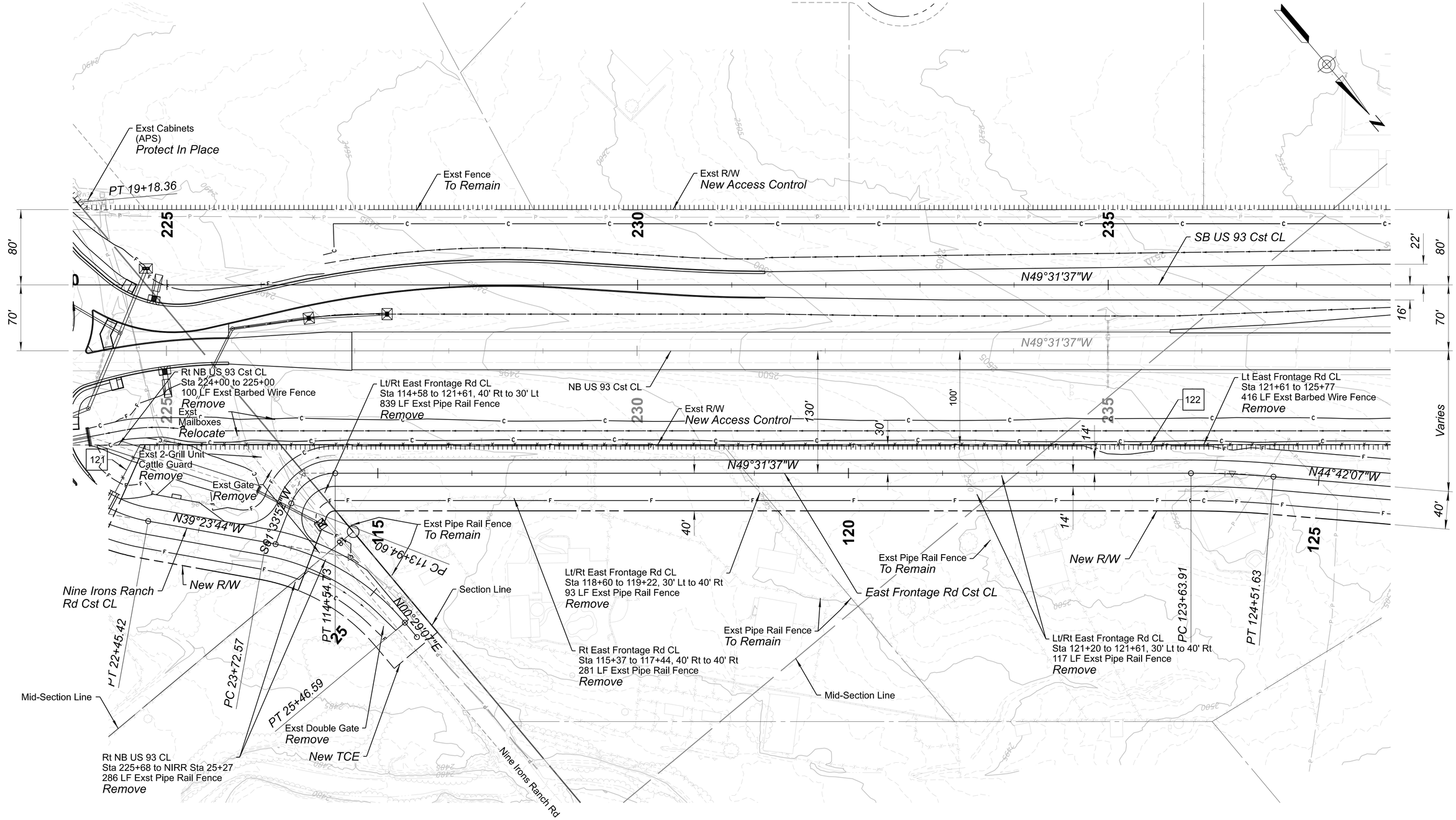
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-7.08

TRACS NO. F0738 01C

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

FENCE SHEET
SB US 93 STA 224+00 TO STA 238+00
E FRONTAGE RD STA 112+00 TO STA 125+77

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	261	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. C-7.09
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF____

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Mid-Section Line

Caballero Dr

Caballero Dr Cst CL

Exst Cattle Guard
To Remain

Exst Fence
To Remain

Exst Fence
To Remain

Sixteenth-Section Line

Exst R/W
New Access Control

SB US 93 Cst CL

N49°31'37"W

N40°28'23"E

N49°31'37"W

NB US 93 Cst CL

Sta 21+60
New 5 Unit Cattle Guard
Std C-11.10

Exst Gate
Remove

Exst Gate
Remove

Exst Gate
Remove

Exst R/W
New Access Control

Exst Gate
Remove

Lt East Frontage Rd CL
Sta 138+65 to 139+77
112 LF Exst Pipe Rail Fence
Remove

N54°21'07"W

N49°31'37"W

N49°31'37"W

East Frontage Rd Cst CL

New R/W

Lt East Frontage Rd CL
Sta 125+77 to 128+66
289 LF Exst Barbed Wire Fence
Remove

PC 126+01.63

PT 126+89.36

PC 129+89.36

PT 130+77.09

PC 132+27.09

PT 133+14.81

Lt East Frontage Rd CL
Sta 134+15 to 135+82
167 LF Exst Pipe Rail Fence
Remove

Lt/Rt East Frontage Rd CL
Sta 136+91, 30' Lt to 40' Rt
70 LF Exst Pipe Rail Fence
Remove

Lt/Rt East Frontage Rd CL
Sta 138+65, 30' Lt to
139+00, 40' Rt
78 LF Exst Pipe Rail Fence
Remove

Lt/Rt East Frontage Rd CL
Sta 137+62, 40' Rt to 137+71, 30' Lt
71 LF Exst Pipe Rail Fence
Remove

Exst Pipe Rail Fence
To Remain

Exst Pipe Rail Fence
To Remain

Lt/Rt East Frontage Rd CL
Sta 134+15, 30' Lt to 40' Rt
68 LF Exst Pipe Rail Fence
Remove

Exst Pipe Rail Fence
To Remain

Lt/Rt East Frontage Rd CL
Sta 127+20 40' Rt to 131+40 40' Rt
499 LF Exst Pipe Rail Fence
Remove

Lt East Frontage Rd CL
Sta 131+46 to 133+32
184 LF Exst Barbed Wire Fence
Remove

Lt East Frontage Rd CL
Sta 136+00 to 138+45
245 LF Exst Pipe Rail Fence
Remove

Lt/Rt East Frontage Rd CL
Sta 128+66, 50' Lt to 40' Rt
90 LF Exst Barbed Wire Fence
Remove

Lt East Frontage Rd CL
Sta 133+50 to 134+14
67 LF Exst Barbed Wire Fence
Remove

New TCE

Exst Pipe Rail Fence
To Remain

Lt/Rt East Frontage Rd CL
Sta 135+82 to 135+84, 30' Lt to 40' Rt
70 LF Exst Pipe Rail Fence
Remove

Sixteenth-Section Line

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Professional Engineer Certification
26609
DALE
WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100

AECOM
www.aecom.com

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

FENCE SHEET
SB US 93 STA 238+00 TO STA 252+00
E FRONTAGE RD STA 125+77 TO STA 139+77

ROUTE: US 93
MILEPOST: 189.9
STRUCTURE NO.:

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	262	524	

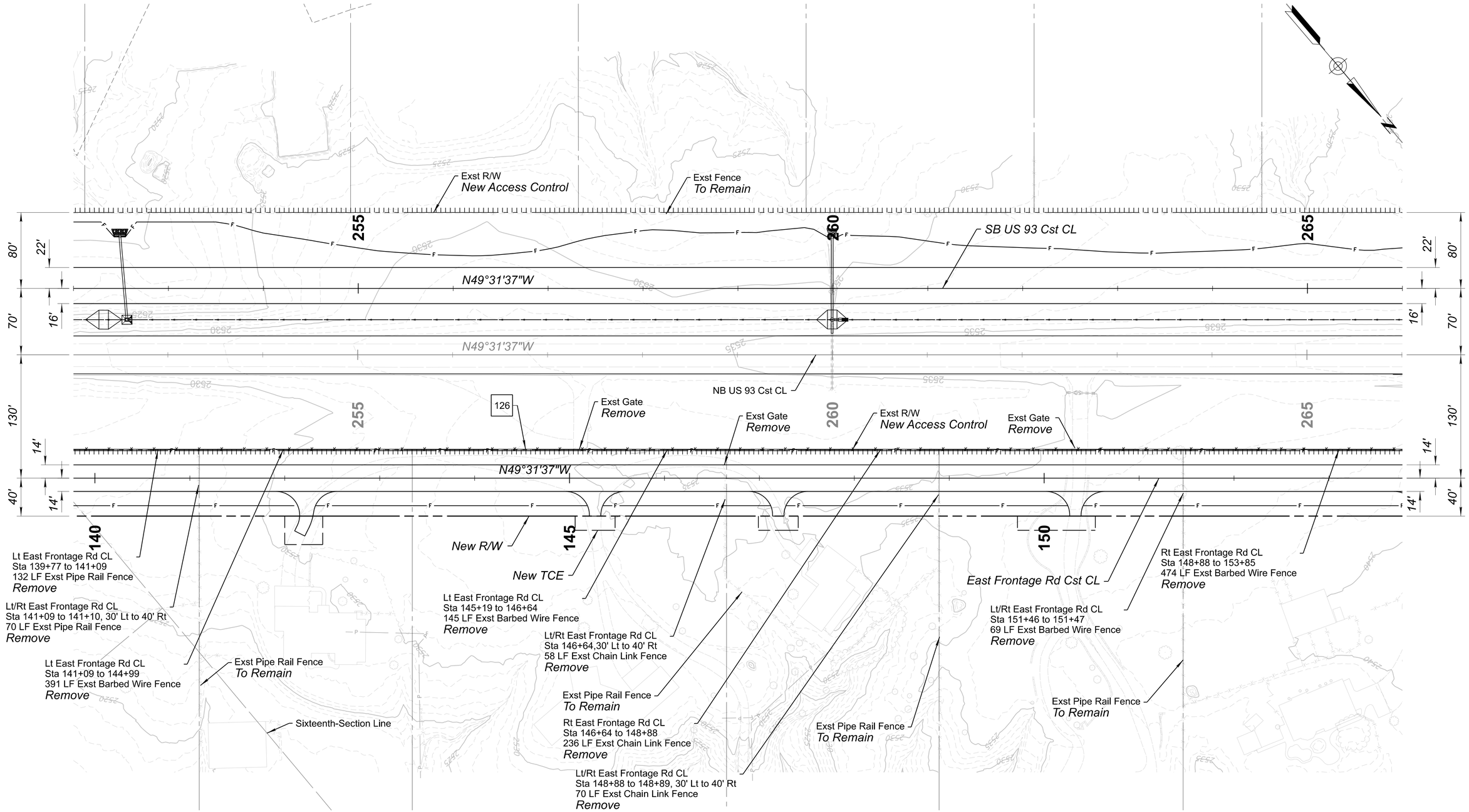
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-7.10

TRACS NO. F0738 01C

____ OF ____

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Registered Professional Engineer
26609
DALE WIGGINS
Date Signed 06/26/26
ARIZONA, U.S.A.

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

FENCE SHEET
SB US 93 STA 252+00 TO STA 266+00
E FRONTAGE RD STA 139+77 TO STA 153+77

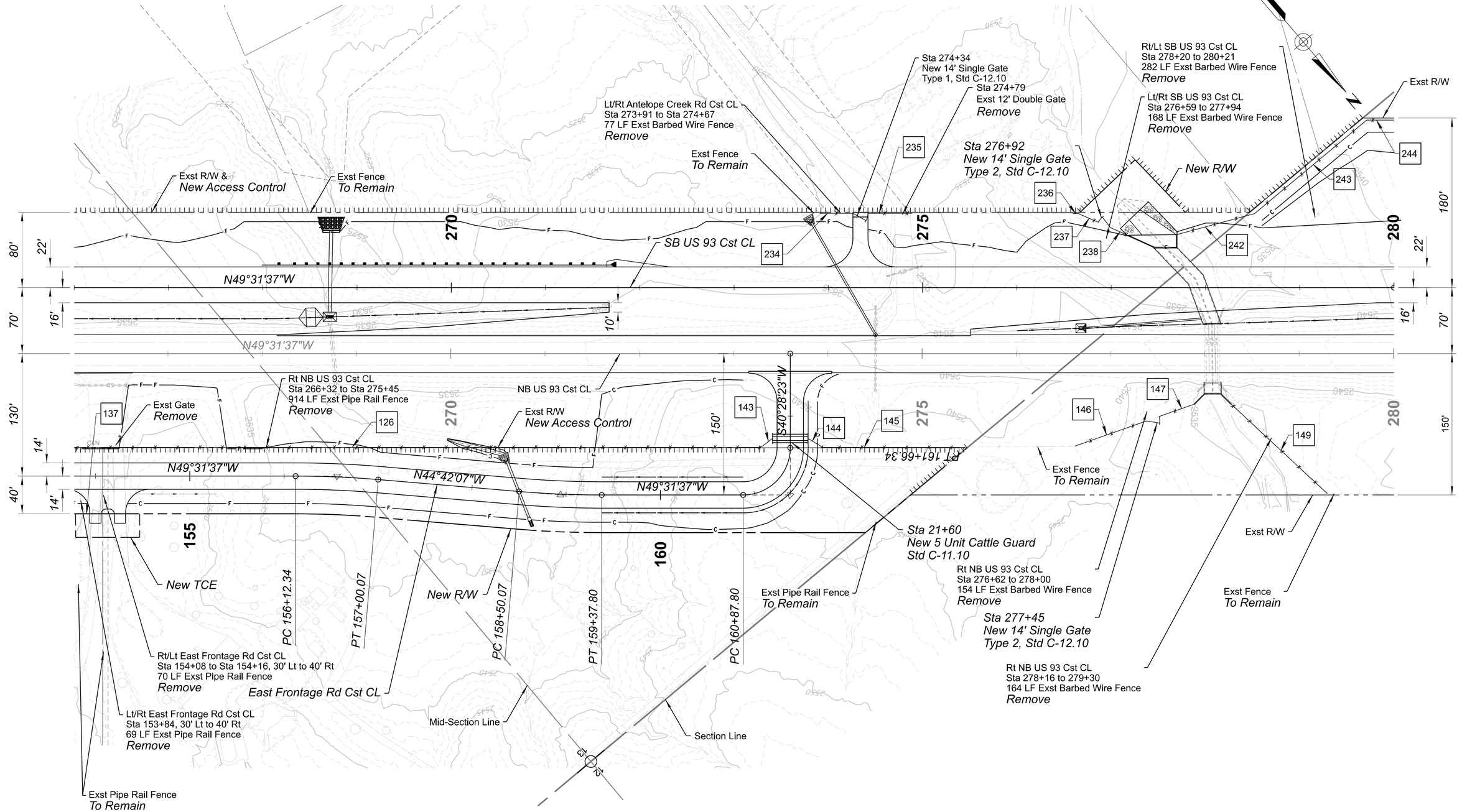
ROUTE: US 93
MILEPOST: 189.9
STRUCTURE NO.:

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	263	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
TRACS NO. F0738 01C
DWG No. C-7.11
____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Registered Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

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

FENCE SHEET
SB US 93 STA 266+00 TO STA 280+00
E FRONTAGE RD STA 153+77 TO STA 161+66

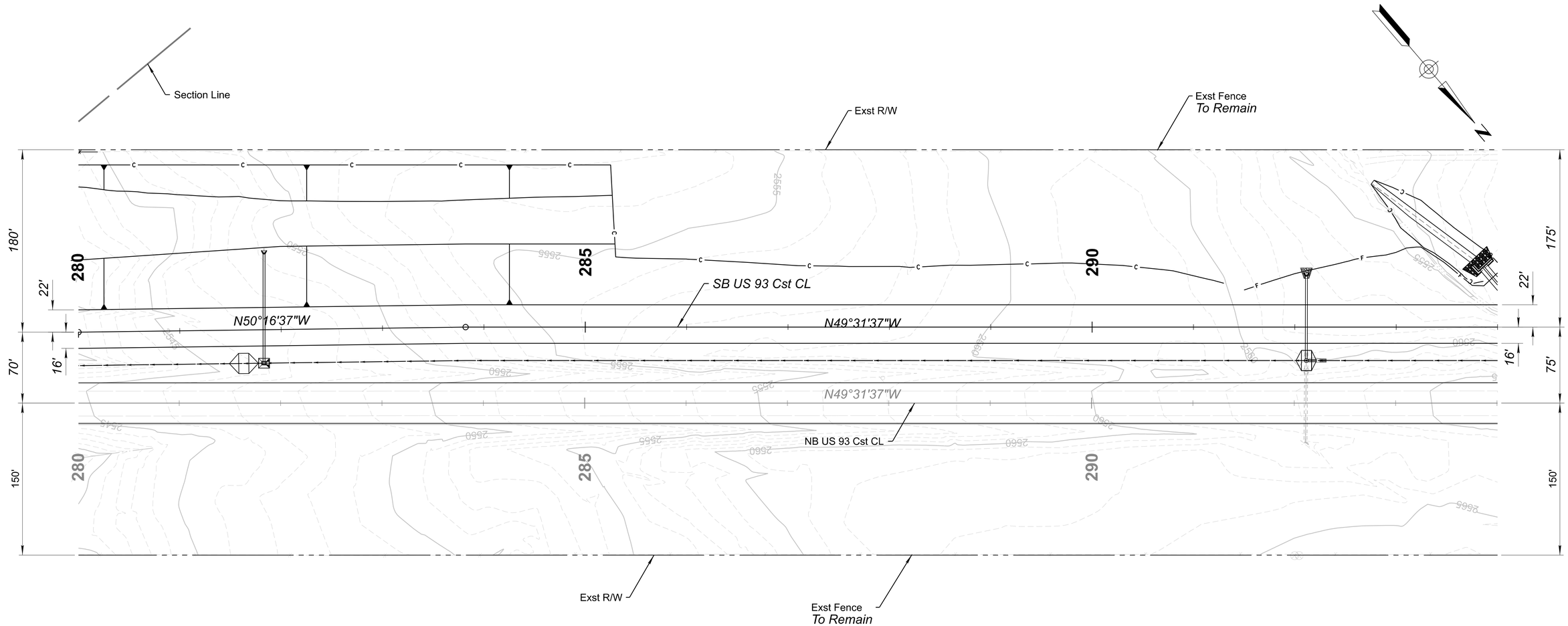
ROUTE: US 93
MILEPOST: 189.9
STRUCTURE NO.:

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	264	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-7.12
TRACS NO. F0738 01C
____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Registered Professional Engineer — 26609 — DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROADWAY DESIGN SERVICES

FENCE SHEET
SB US 93 STA 280+00 TO STA 294+00

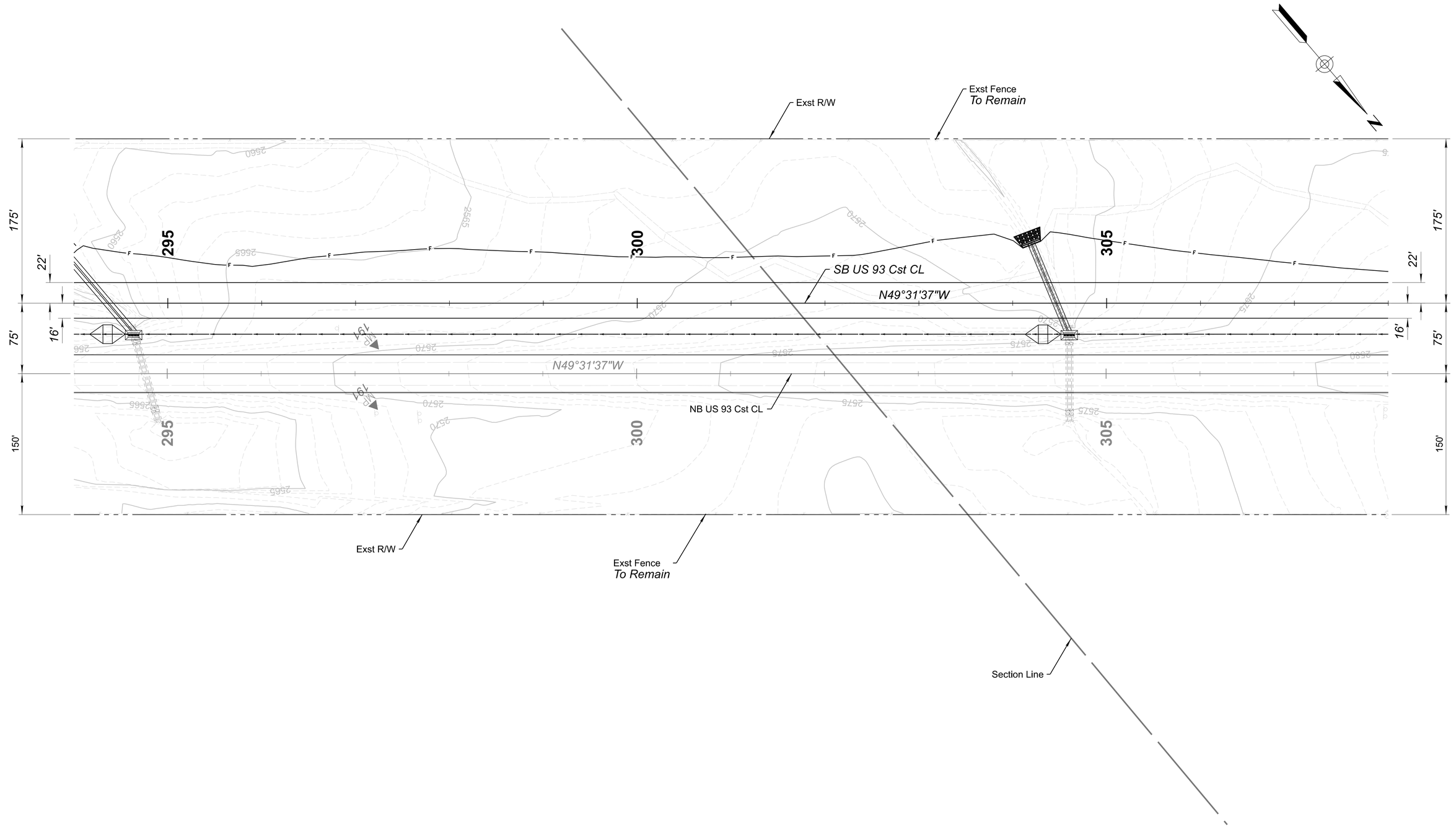
ROUTE: US 93
MILEPOST: 189.9
STRUCTURE NO.:

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	265	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-7.13
TRACS NO. F0738 01C
____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

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PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

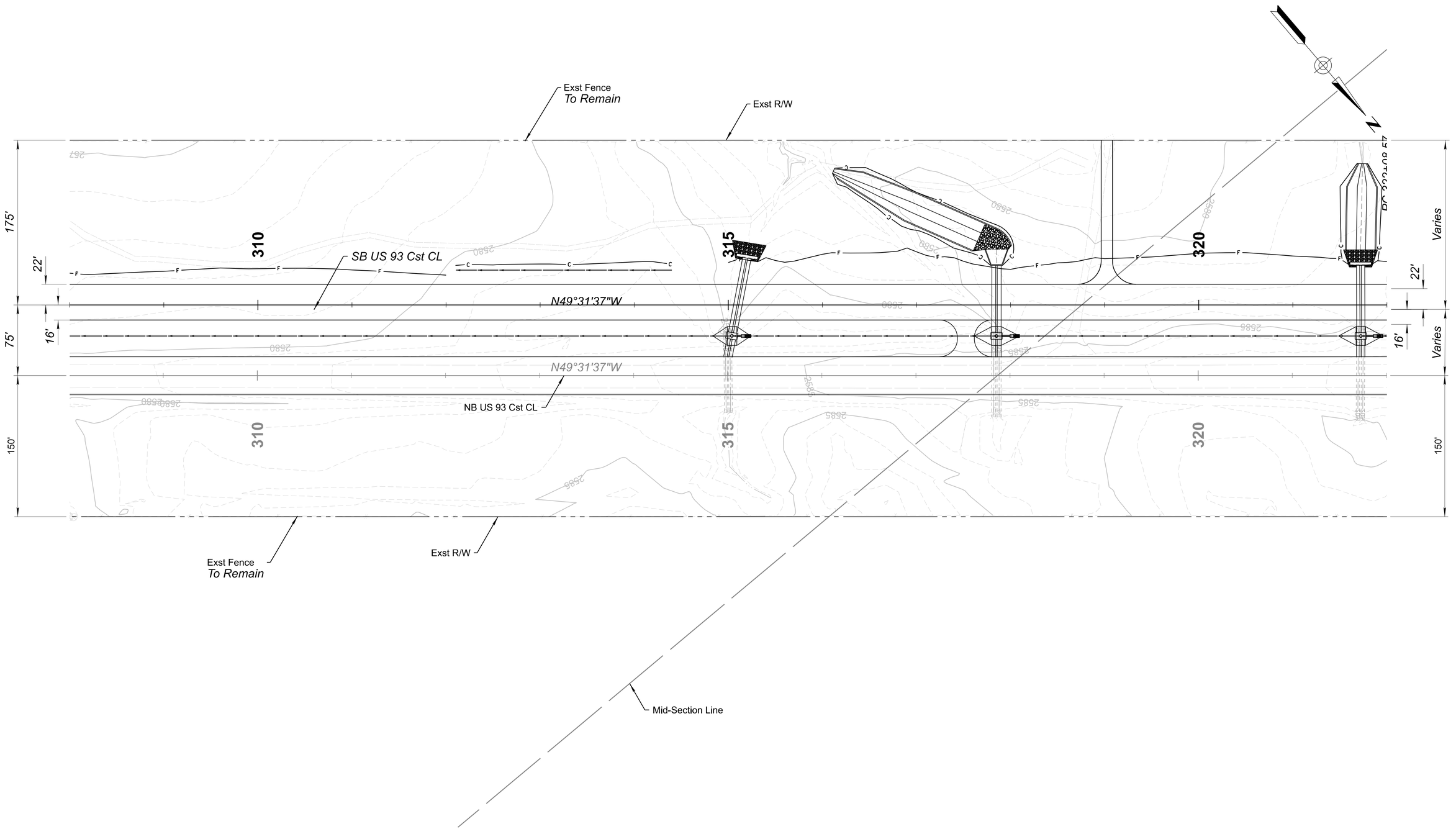
FENCE SHEET
SB US 93 STA 294+00 TO STA 308+00

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	266	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-7.14
TRACS NO. F0738 01C
____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

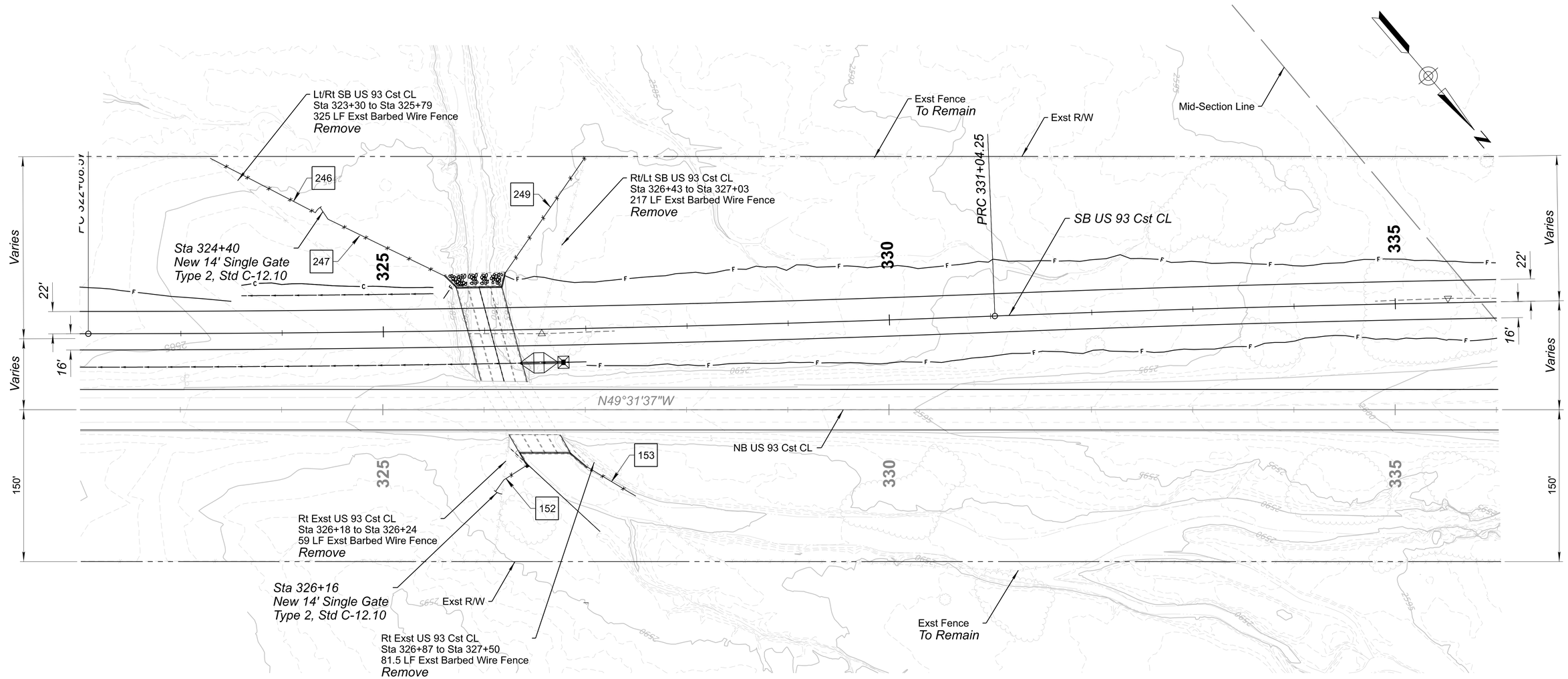
TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
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www.aecom.com

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

FENCE SHEET
SB US 93 STA 308+00 TO STA 322+00

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	267	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. C-7.15
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Registered Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

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

FENCE SHEET
SB US 93 STA 322+00 TO STA 336+00

ROUTE: US 93
MILEPOST: 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	268	524	

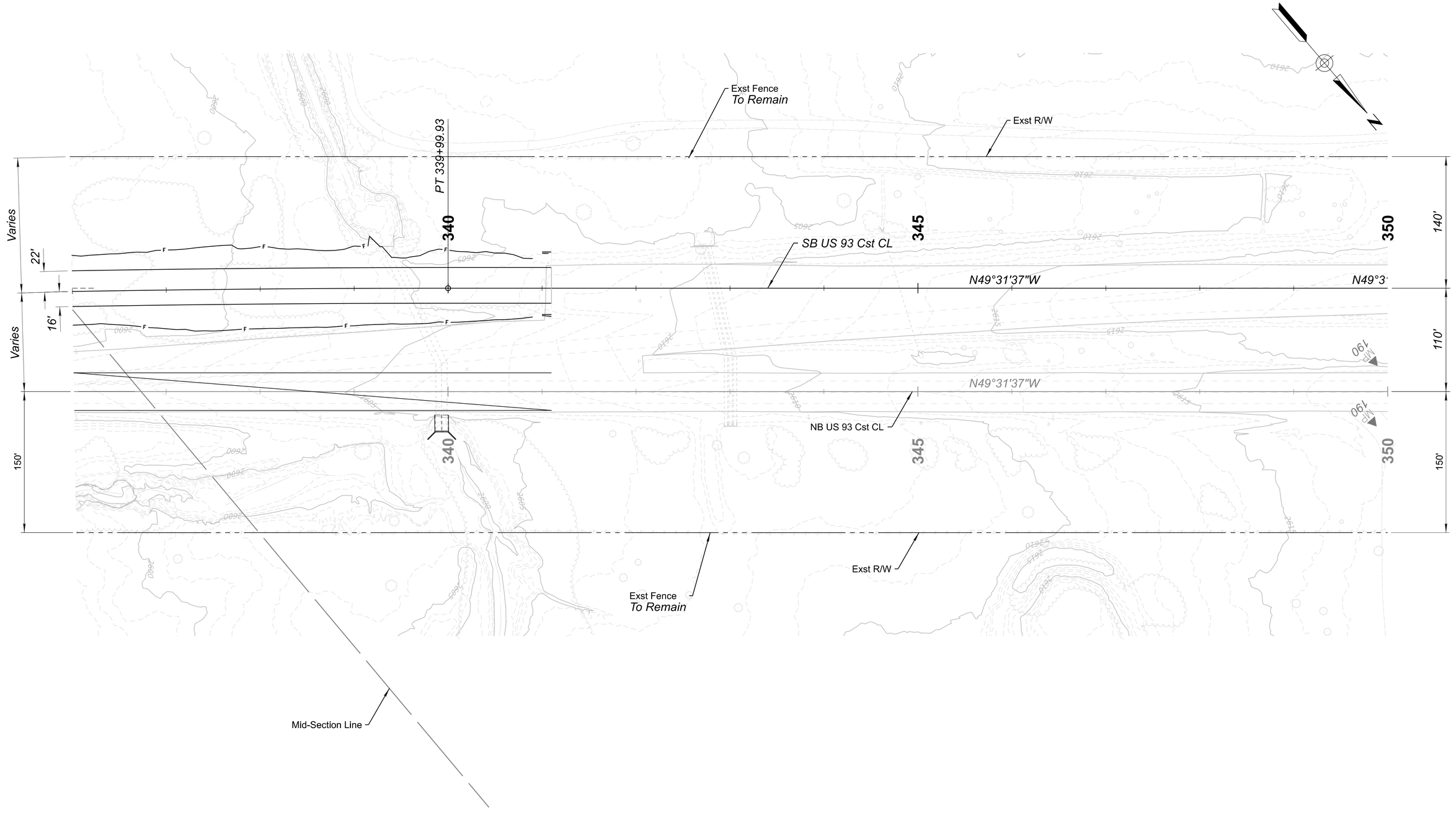
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-7.16

TRACS NO. F0738 01C

____ OF ____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

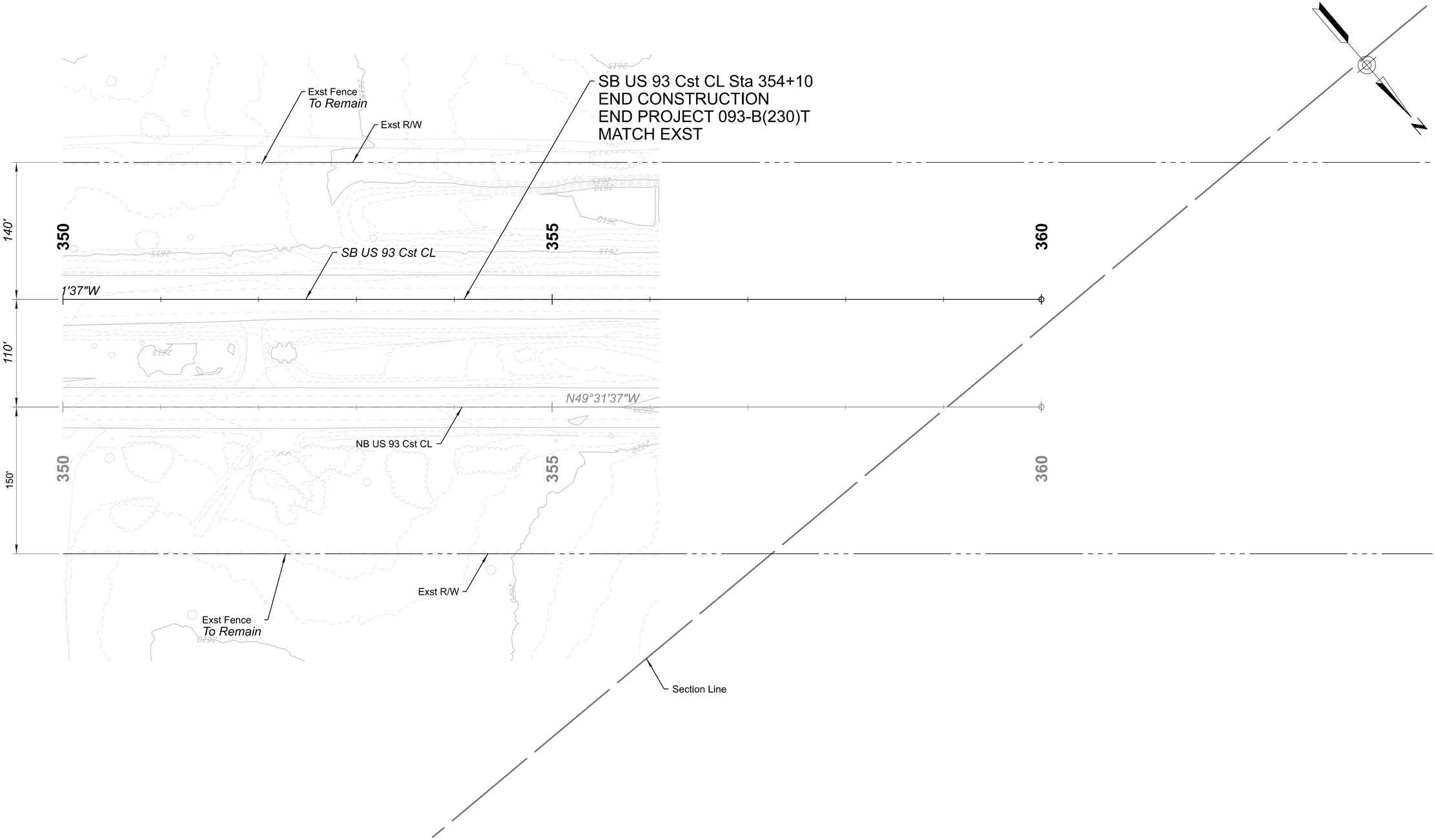
TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

FENCE SHEET
SB US 93 STA 336+00 TO STA 350+00

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	269	524	
MILEPOST 189.9	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. C-7.17
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF____

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	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

Registered Professional Engineer — Certificate No. 26609 — DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A. — Civil

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

FENCE SHEET
SB US 93 STA 350+00 TO STA 354+10

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.9	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	270	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-7.18

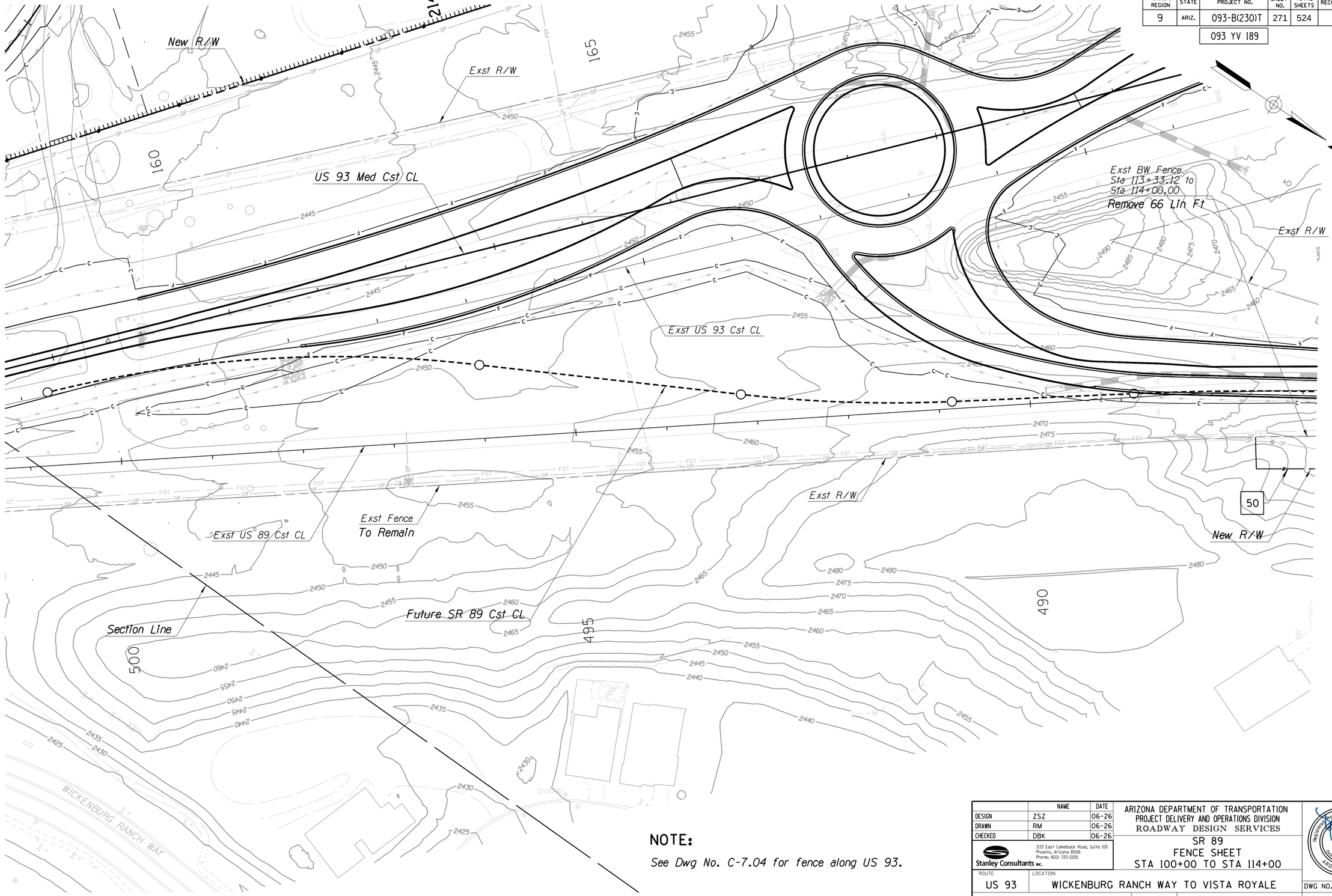
TRACS NO. F0738 01C

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	271	524	

093 YV 189



NOTE:

See Dwg No. C-7.04 for fence along US 93.

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

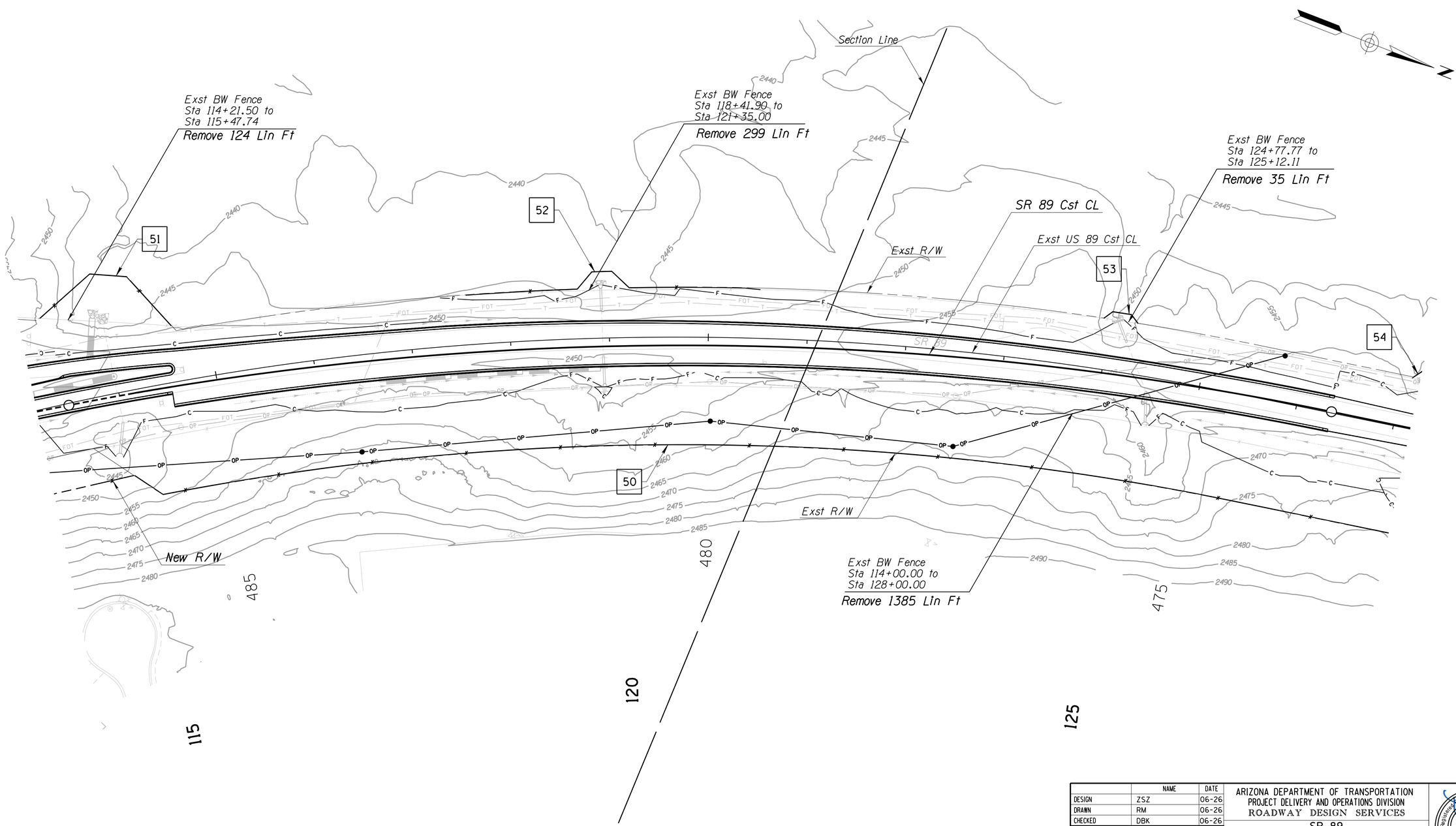
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

SR 89
FENCE SHEET
STA 100+00 TO STA 114+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/30/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. C-7.19
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	272	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

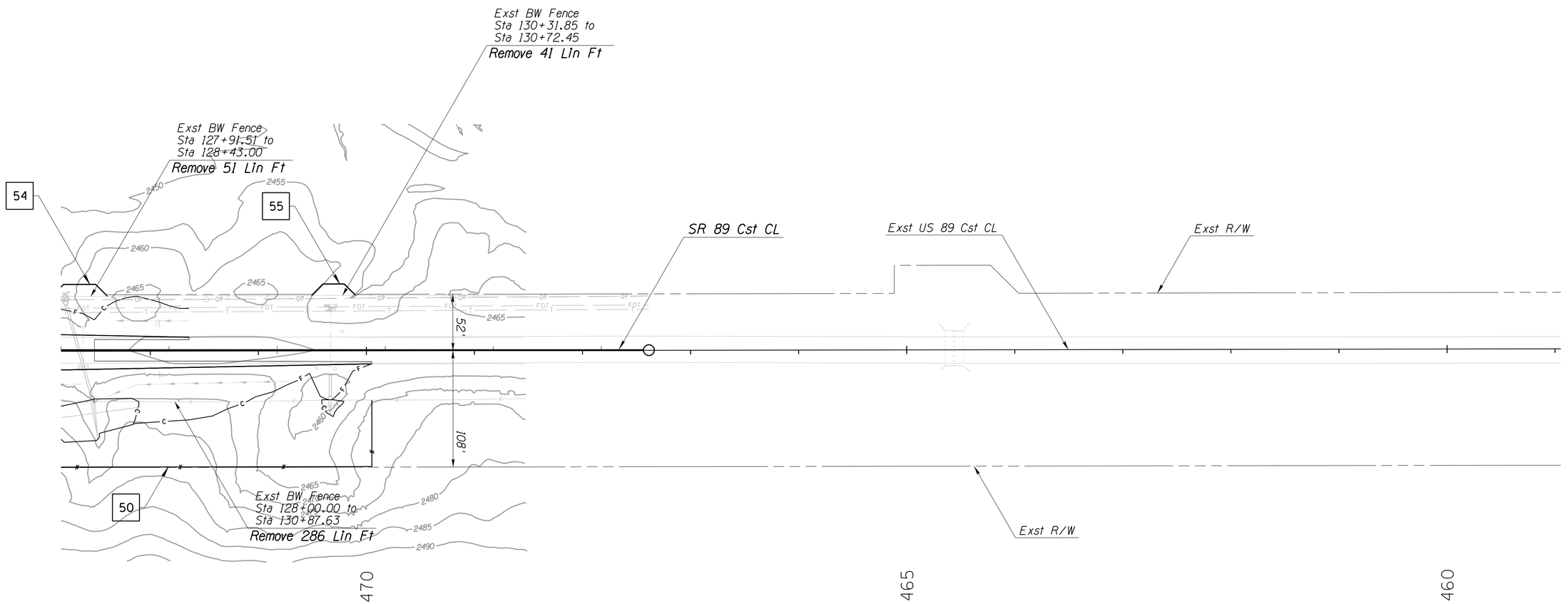
SR 89
FENCE SHEET
STA 114+00 TO STA 128+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-7.20
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	273	524	

093 YV 189



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

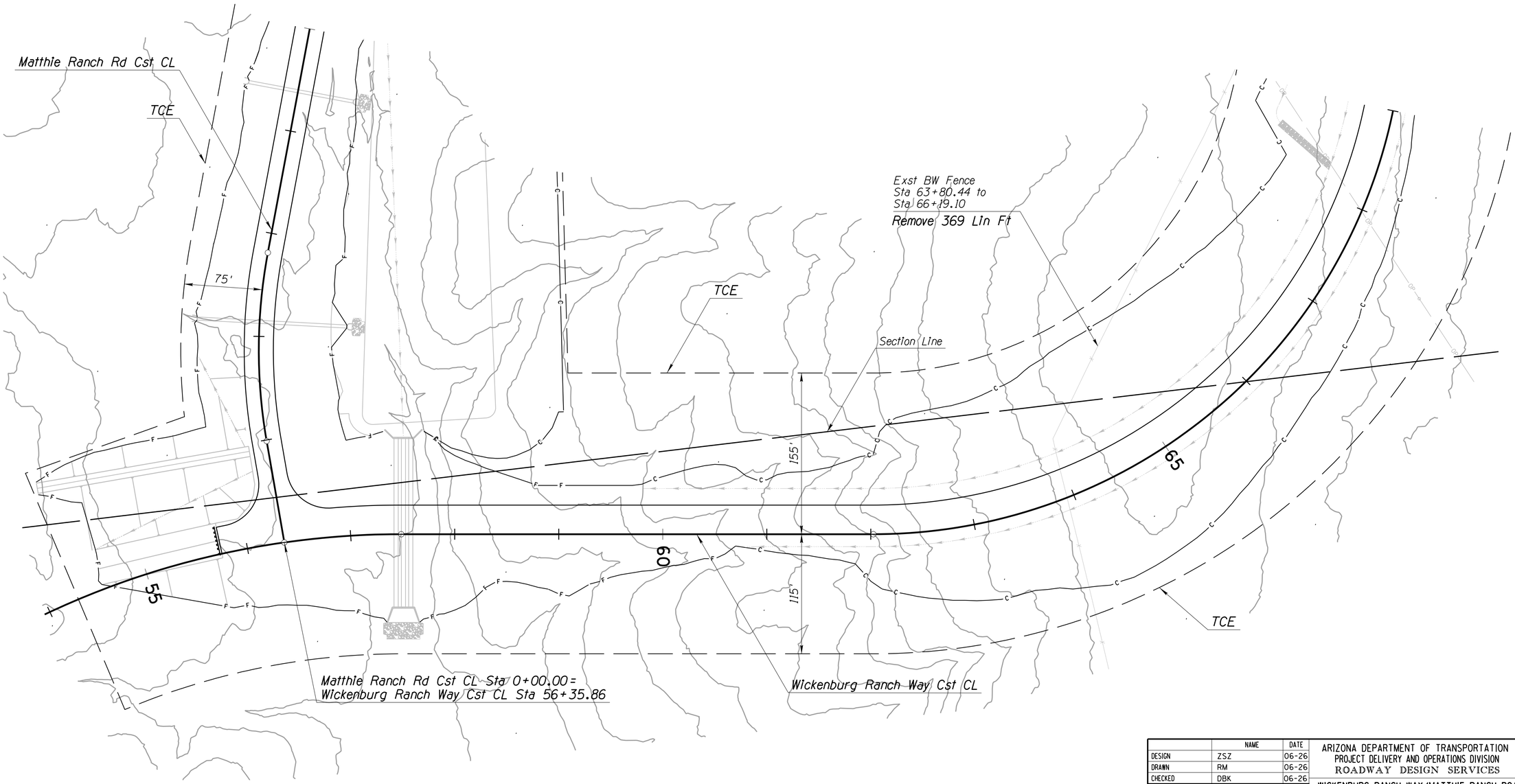
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

SR 89
FENCE SHEET
STA 128+00 TO STA 133+44.07

Registered Professional Engineer, Civil
46727
DIANA B. KELLY
Date Signed 05/04/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-7.21
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	274	524	
		093 YV 189			



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

WICKENBURG RANCH WAY/MATTHIE RANCH ROAD
FENCE SHEET
STA 55+00 TO 69+00/STA 0+00 TO 5+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

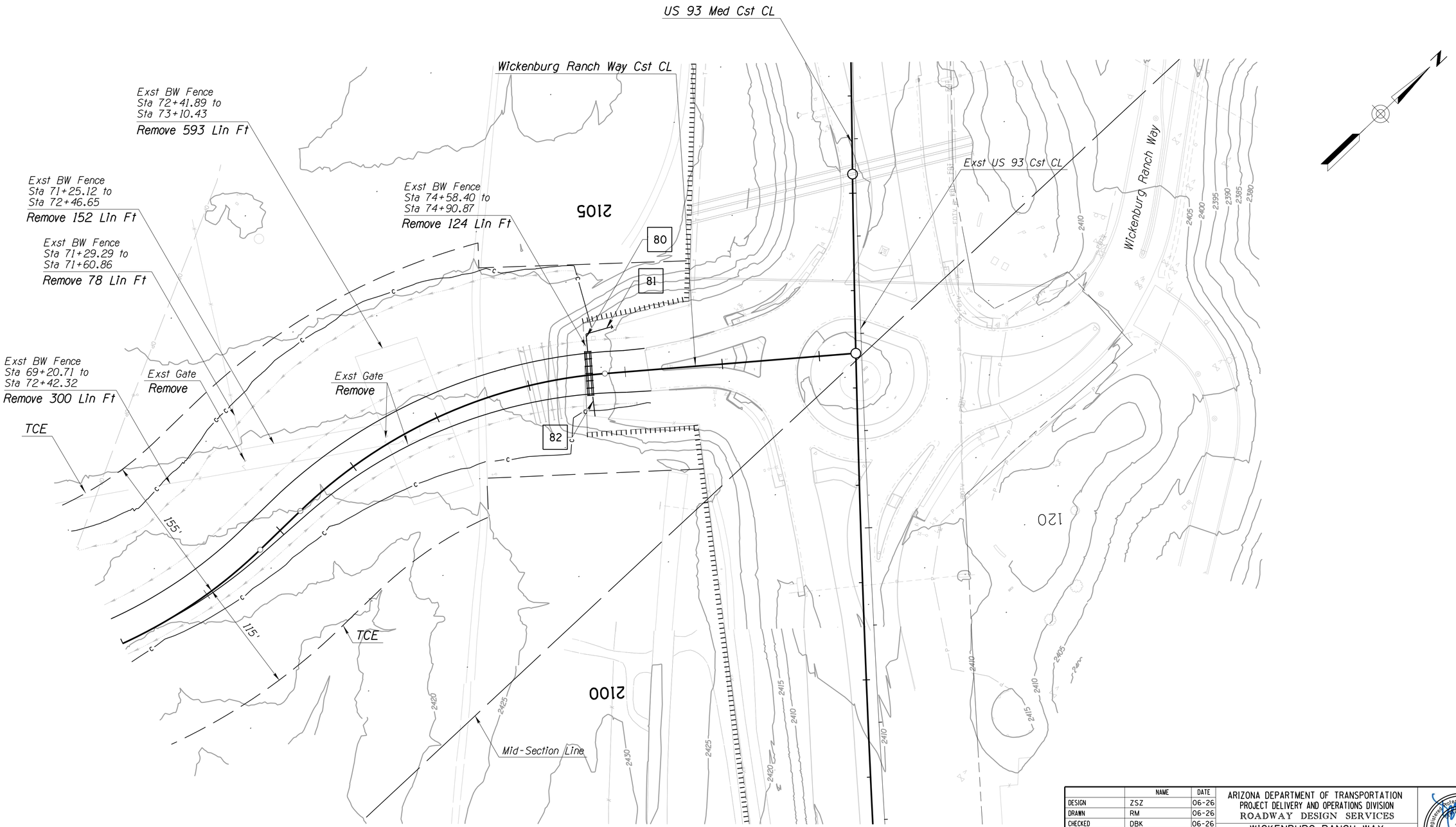
ROUTE	LOCATION			DWG NO. C-7.22
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE			
TRACS NO. F0738 01C			093-B(230)T	___ OF ___

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	275	524	
		093 YV 189			

NOTE:

See Dwg No. C-7.01 for fence along US 93.



	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

WICKENBURG RANCH WAY
FENCE SHEET
STA 69+00 TO STA 76+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 05/05/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-7.23
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

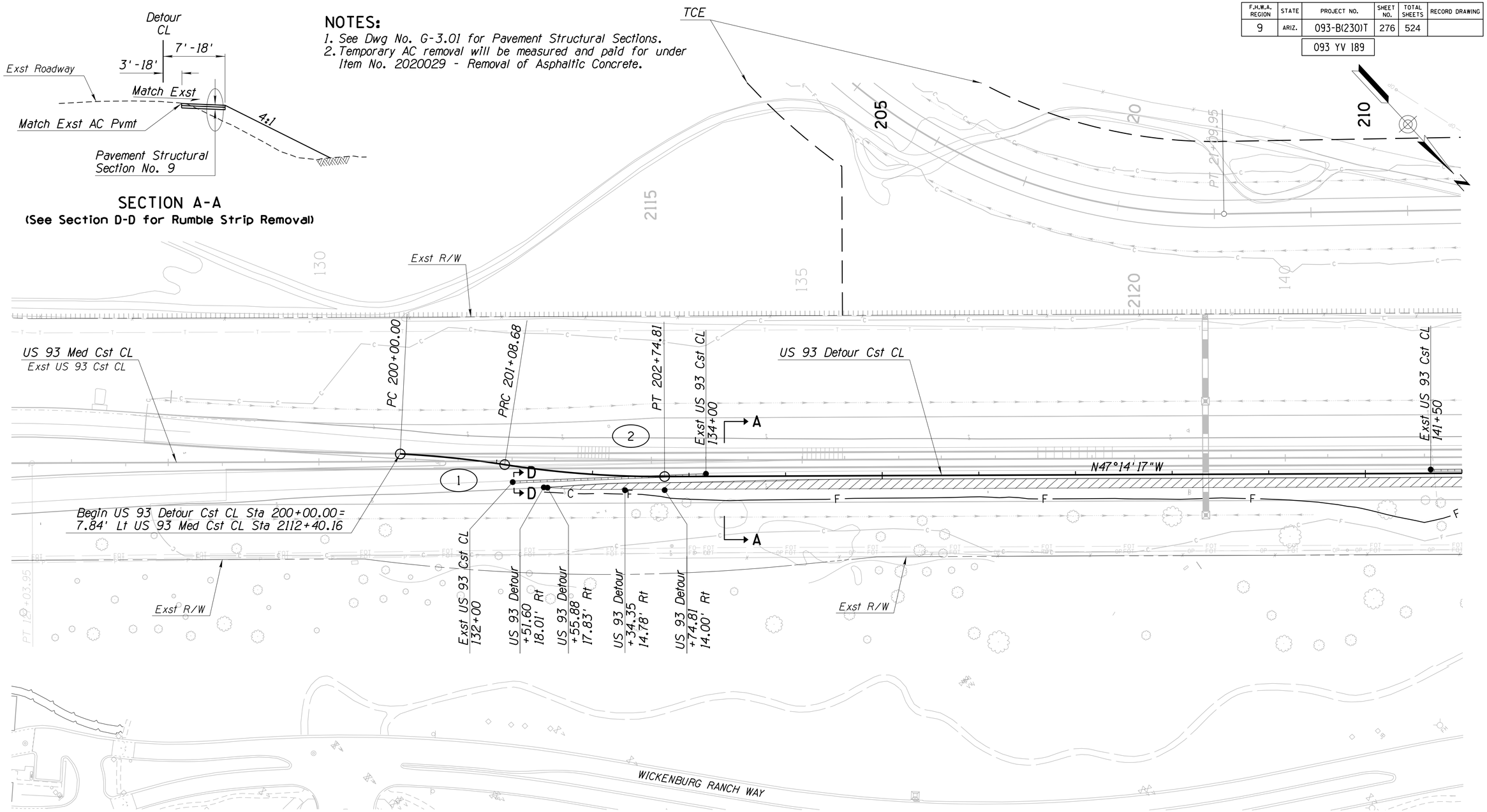
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	276	524	
		093 YV 189			

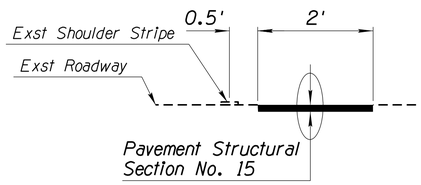
NOTES:

1. See Dwg No. G-3.01 for Pavement Structural Sections.
2. Temporary AC removal will be measured and paid for under Item No. 2020029 - Removal of Asphaltic Concrete.

SECTION A-A

(See Section D-D for Rumble Strip Removal)





SECTION D-D

(1) US 93 Detour
PI Sta 200+54.39
N=1099537.39
E=432258.52
Δ=5°59'15"Rt
D=5°30'33"
R=1040.00'
L=108.68'
T=54.39'
Ext=1.42'

(2) US 93 Detour
PI Sta 201+91.92
N=1099645.56
E=432173.43
Δ=9°02'53"Lt
D=5°26'47"
R=1052.00'
L=166.13'
T=83.24'
Ext=3.29'

LEGEND:

Exst AC Pavement Mill

Temporary Paving

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

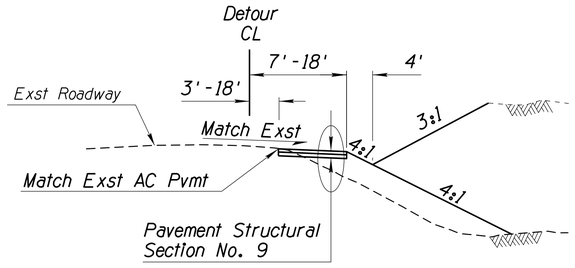
Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

PHASE 1 DETOUR PLAN

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. C-8.01
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

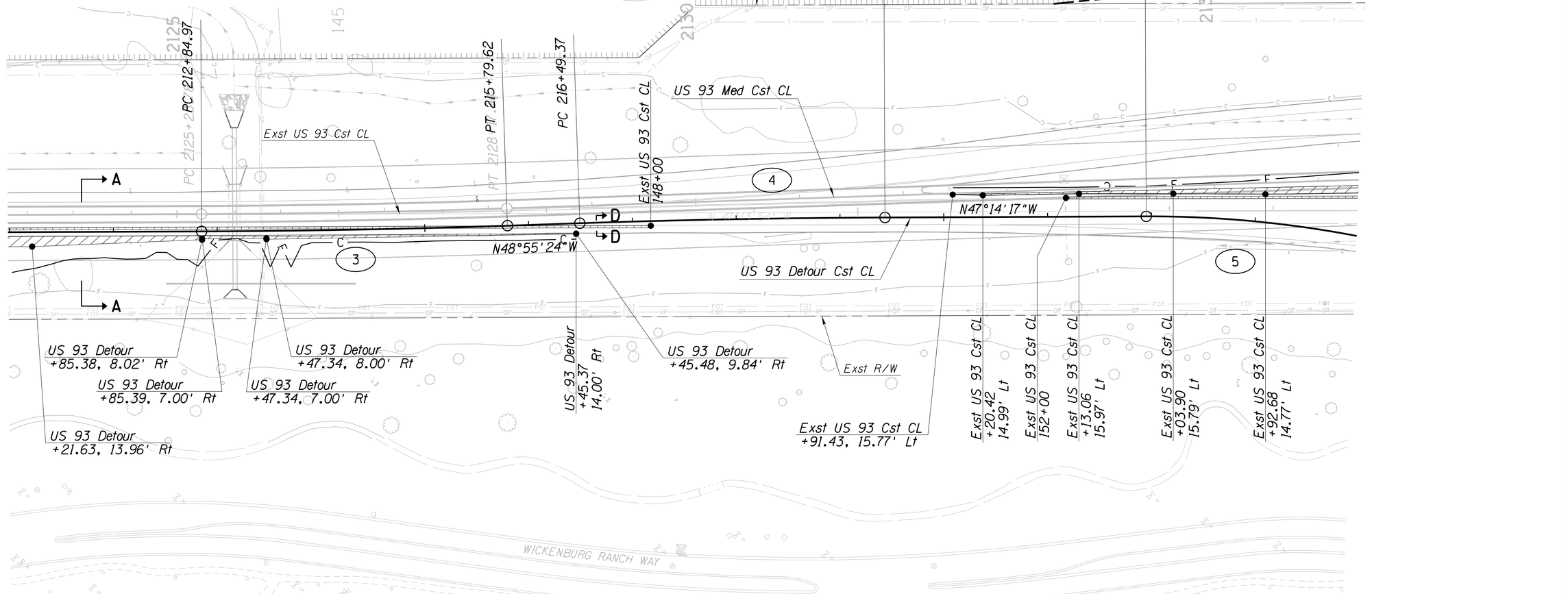
Registered Professional Engineer (Civil) 46727 DIANA B. KELLY Date Signed 06/26/2026 ARIZONA, U.S.A.



SECTION A-A
(See Section D-D for Rumble Strip Removal)

NOTES:
1. See Dwg No. G-3.01 for Pavement Structural Sections.
2. See Dwg No. C-8.01 for Section D-D
3. Temporary AC removal will be measured and paid for under Item No. 2020029 - Removal of Asphaltic Concrete.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	277	524	
		093 YV 189			



(3) US 93 Detour
PI Sta 214+32.30
N=1100487.96
E=431262.50
Δ=1°41'07"Lt
D=0°34'19"
R=10016.71'
L=294.65'
T=147.33'
Ext=1.08'

(4) US 93 Detour
PI Sta 217+96.37
N=1100727.19
E=430988.04
Δ=1°41'07"Rt
D=0°34'24"
R=9994.00'
L=293.98'
T=147.00'
Ext=1.08'

(5) US 93 Detour
PI Sta 223+09.84
N=1101075.83
E=430611.05
Δ=12°27'26"Rt
D=5°26'47"
R=1052.00'
L=228.73'
T=114.82'
Ext=6.25'

LEGEND:

Exst AC Pavement Mill

Temporary Paving

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

PHASE 1 DETOUR PLAN

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. C-8.02
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	278	524	
		093 YV 189			

6 US 93 Detour
PI Sta 224+57.30
N = 1101197.69
E = 430526.41
Δ = 3°41'42"Lt
D = 5°30'33"
R = 1040.00'
L = 67.07'
T = 33.55'
Ext = 0.54'

Exst US 93 Cst CL +84.39, 15.58' Lt
Exst US 93 Cst CL +99.96, 25.00' Lt
Exst US 93 Cst CL +23.03, 25.00' Lt
Exst US 93 Cst CL +34.65, 15.65' Lt
New R/W
Exst US 93 Cst CL +66.44, 15.38' Lt
Exst US 93 Cst CL +65.01, 15.38' Lt
Exst US 93 Cst CL +70.03, 15.81' Lt
Exst US 93 Cst CL +68.53, 15.51' Lt
Exst US 93 Cst CL +50.16, 15.50' Lt
Exst US 93 Cst CL +81.64, 12.39' Lt
Exst R/W
PRC 224+23.75
Exst US 93 Cst CL +77.31, 15.33' Lt
Exst US 93 Cst CL +73.05, 14.92' Lt
Exst US 93 Cst CL +71.21, 14.99' Lt
Exst US 93 Cst CL +78.42, 25.00' Lt
Exst US 93 Cst CL +00.76, 25.00' Lt
Exst US 93 Cst CL +55.34, 17.01' Lt
Exst US 93 Cst CL +55.23, 15.02' Lt
Exst US 93 Cst CL 165+00
Exst US 93 Cst CL +68.30, 23.11' Rt
Exst US 93 Cst CL +11.34, 22.74' Rt
Exst US 93 Cst CL
PC 161+54.34
N38°28'33"W
US 93 Detour +95.80, 14.00' Rt
PT 224+90.82
Exst US 93 Cst CL +77.57, 13.81' Rt
Exst US 93 Cst CL +03.82, 23.95' Rt
US 93 Detour +15.59, 14.00' Rt Match Exst
Exst US 93 Cst CL +48.42, 31.00' Rt
US 93 Detour +75.89, 26.00' Lt
Exst US 93 Cst CL +50.69, 23.57' Rt
Exst US 93 Cst CL +57.27, 23.47' Rt
US 93 Detour +88.63, 19.95' Lt
US 93 Detour +63.76, 14.62' Lt Match Exs
Exst US 93 Cst CL +99.17, 23.06' Rt
Exst US 93 Cst CL +99.88, 31.00' Rt
Exst US 93 Cst CL 163+00
Exst US 93 Cst CL +93.96, 23.39' Rt
Exst US 93 Cst CL +13.83, 23.62' Rt
PI 234+91.57
Exst US 93 Cst CL +14.59, 25.27' Rt
Exst US 93 Cst CL 168+00
Exst SR 89 Cst CL
US 93 Detour Cst CL
N38°21'11"W
US 93 Detour +96.51, 14.00' Rt
Exst R/W
Detour CL
14'-26'
14'
6'
4'
Exst Roadway
Match Exst
Match Exst
3:1
4:1
4:1
Pavement Structural Section No. 9
Match Exst AC Pvmt
Pavement Structural Section No. 9
Match Exst AC Pvmt
225
230
235
160
155
165
500
495
490

Detour CL
14'
4'
6'
Exst Roadway
Match Exst
Match Exst AC Pvmt
4:1
3:1
2:1 Cut Slope Sta 236+75 to 239+35
Pavement Structural Section No. 9

SECTION B-B

SECTION A-A
(See Section D-D for Rumble Strip Removal)

NOTES:

1. See Dwg No. G-3.01 for Pavement Structural Sections.
2. See Dwg No. C-8.01 for Section D-D.
3. Temporary AC removal will be measured and paid for under Item No. 2020029 - Removal of Asphaltic Concrete.

LEGEND:

- Exst AC Pavement Mill
- Temporary Paving

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

PHASE 1 DETOUR PLAN

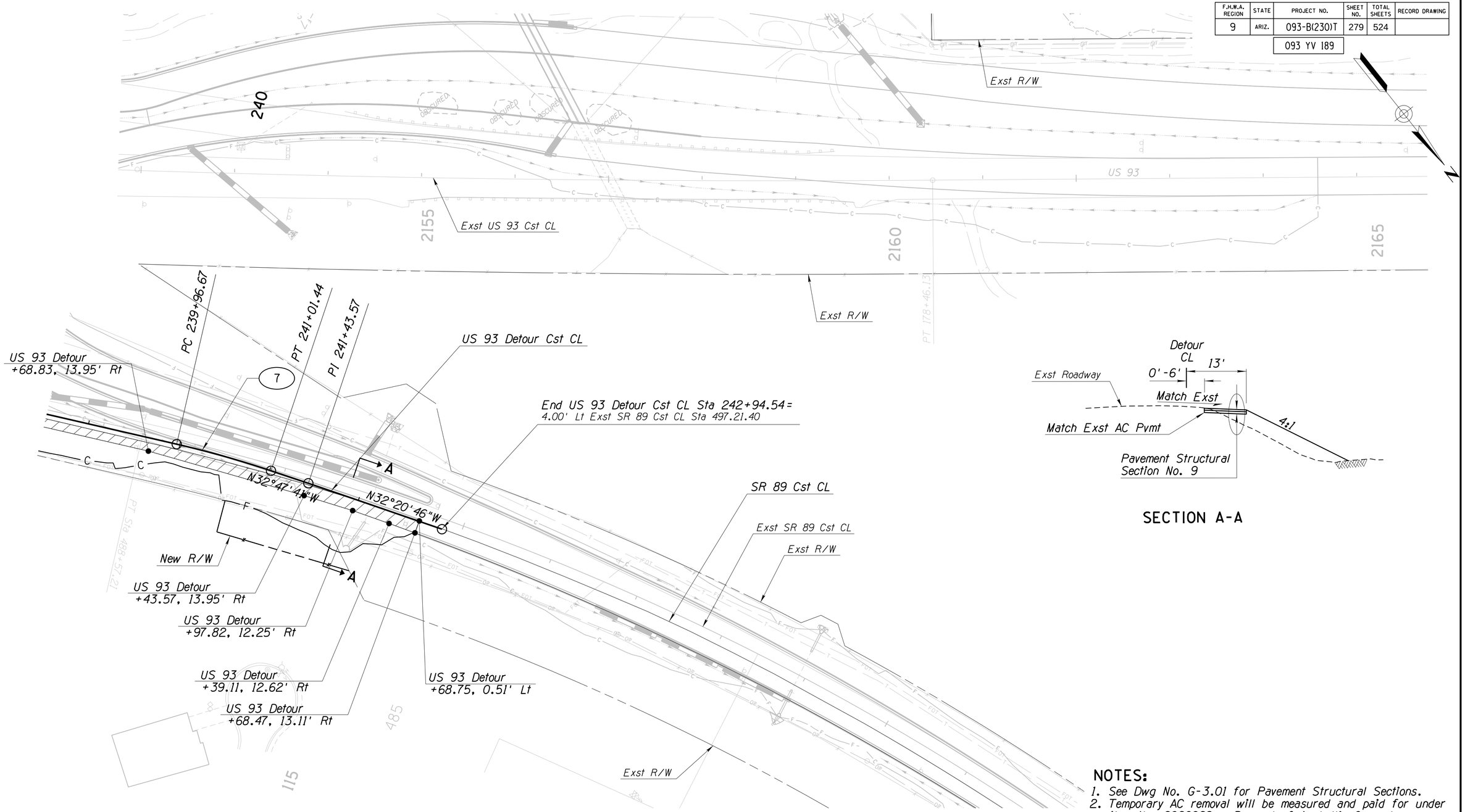
ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C | 093-B(230)T

Registered Professional Engineer (Civil) 46727 DANA B. KELLY Date Signed 06/03/26 ARIZONA, U.S.A.

DWG NO. C-8.03
SHEET NO. ____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	279	524	
		093 YV 189			



SECTION A-A

NOTES:

1. See Dwg No. G-3.01 for Pavement Structural Sections.
2. Temporary AC removal will be measured and paid for under Item No. 2020029 - Removal of Asphaltic Concrete.

(7) US 93 Detour
PI Sta 240+49.10
N=1102444.62
E=429536.94
Δ=5°33'30"Rt
D=5°18'19"
R=1080.00'
L=104.77'
T=52.43'
Ext=1.27'

LEGEND:

Temporary Paving

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

PHASE 1 DETOUR PLAN

Registered Professional Engineer (Civil)
60727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

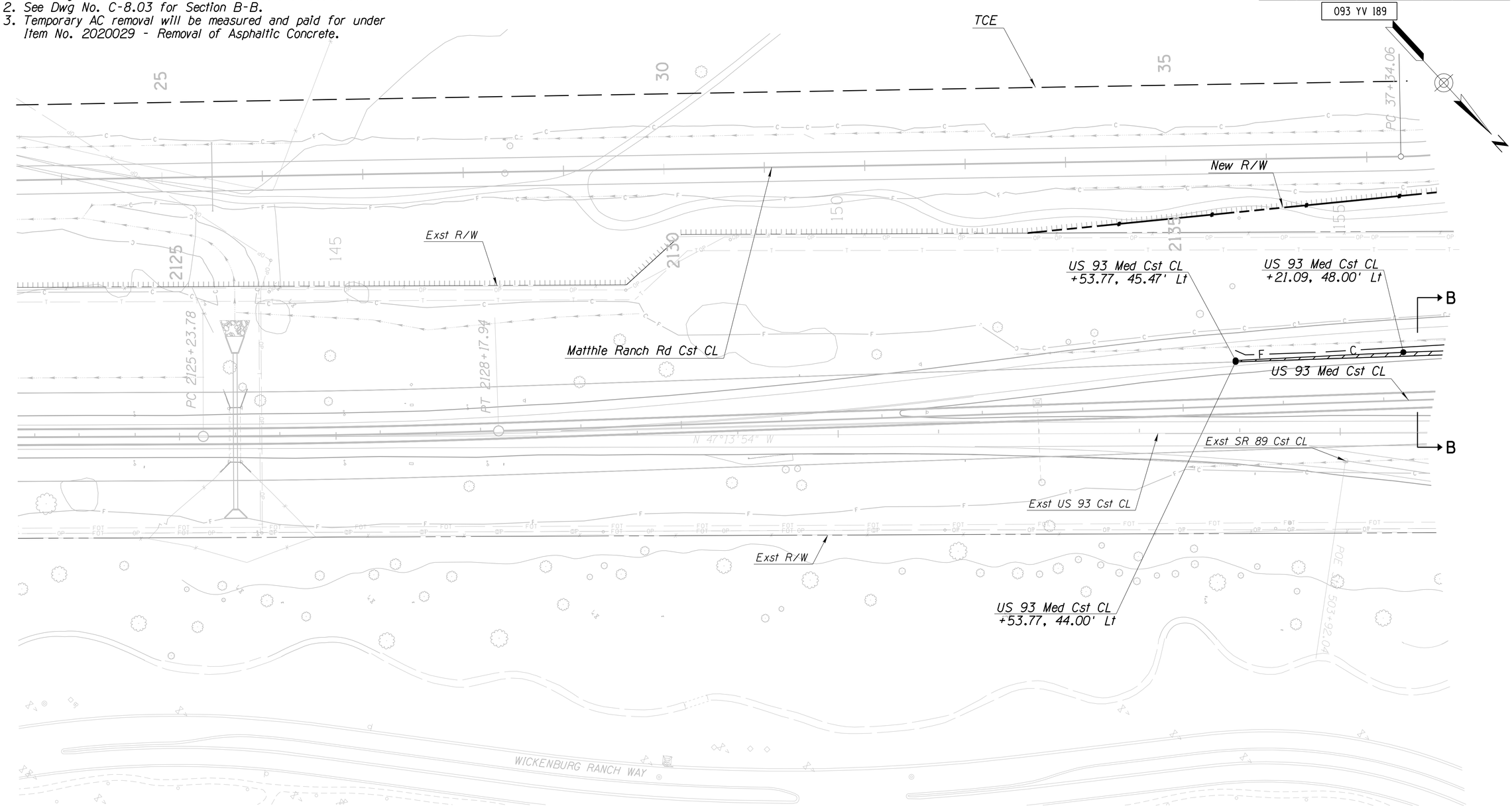
ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. C-8.04
TRACS NO. F0738 01C		093-B(230)T ____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	280	524	

093 YV 189

NOTES:

1. See Dwg No. G-3.01 for Pavement Structural Sections.
2. See Dwg No. C-8.03 for Section B-B.
3. Temporary AC removal will be measured and paid for under Item No. 2020029 - Removal of Asphaltic Concrete.



LEGEND:

Temporary Paving

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

PHASE 2 DETOUR PLAN

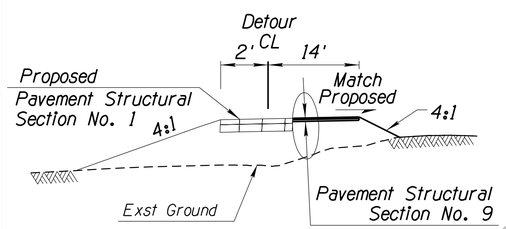
Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. C-8.05
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

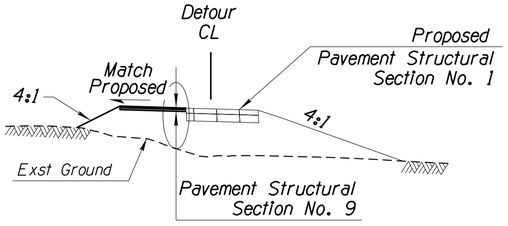
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	281	524	
		093 YV 189			

NOTES:

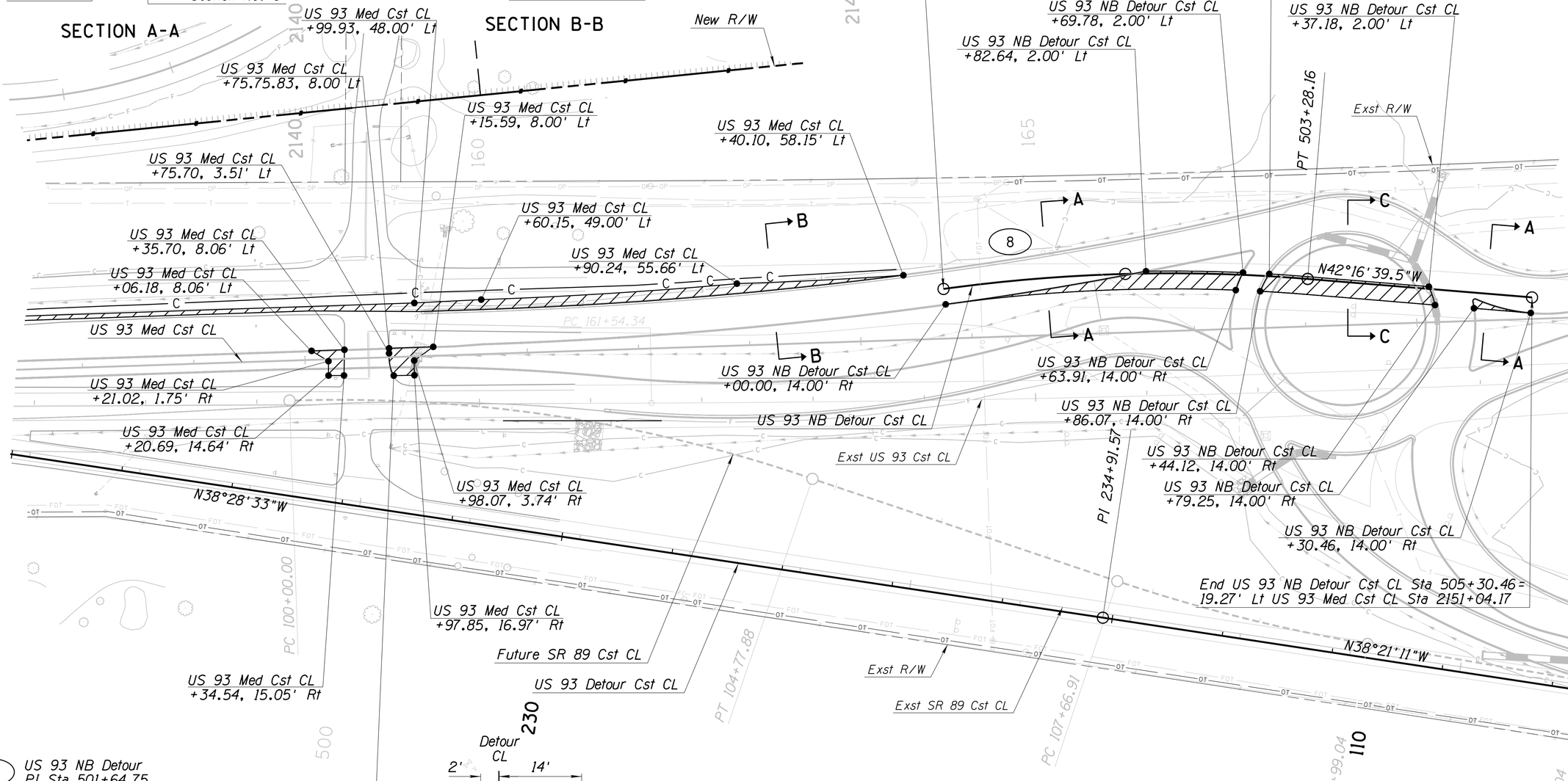
1. See Dwg No. G-3.01 for Pavement Structural Sections.
2. Temporary AC removal will be measured and paid for under Item No. 2020029 - Removal of Asphaltic Concrete.



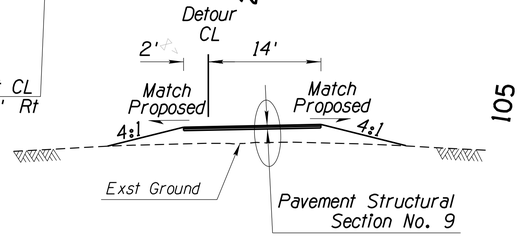
SECTION A-A



SECTION B-B



(8) US 93 NB Detour
PI Sta 501+64.75
N=1101788.27
E=429651.284
Δ=12°36'27.5"Rt
D=12°36'17"
R=1491.33'
L=328.16'
T=164.75'
Ext=9.07'



SECTION C-C

LEGEND:

Temporary Paving

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

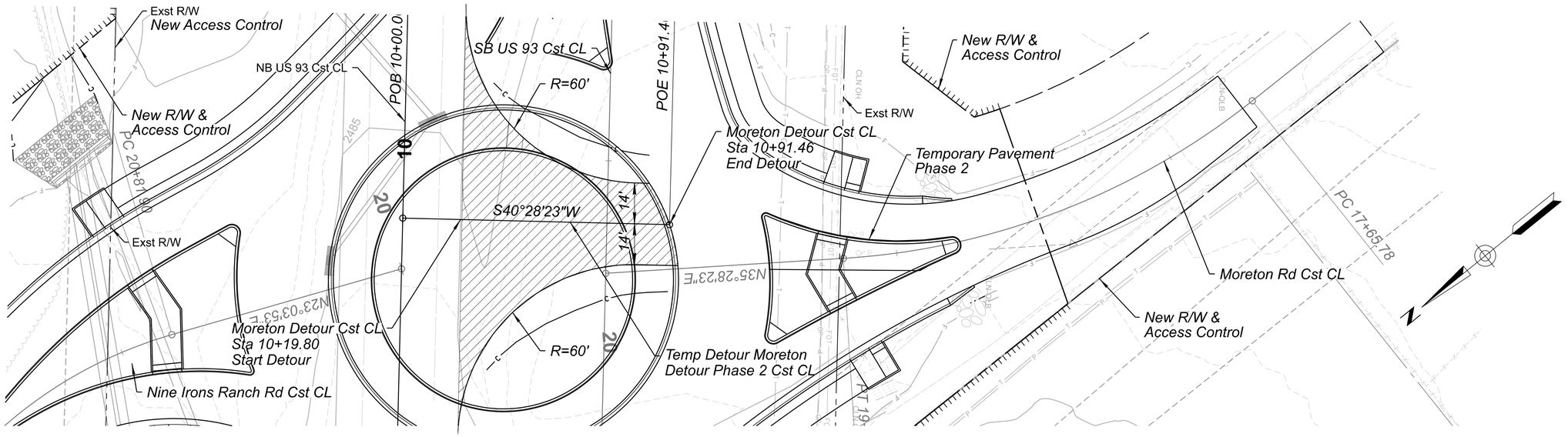
PHASE 2 DETOUR PLAN

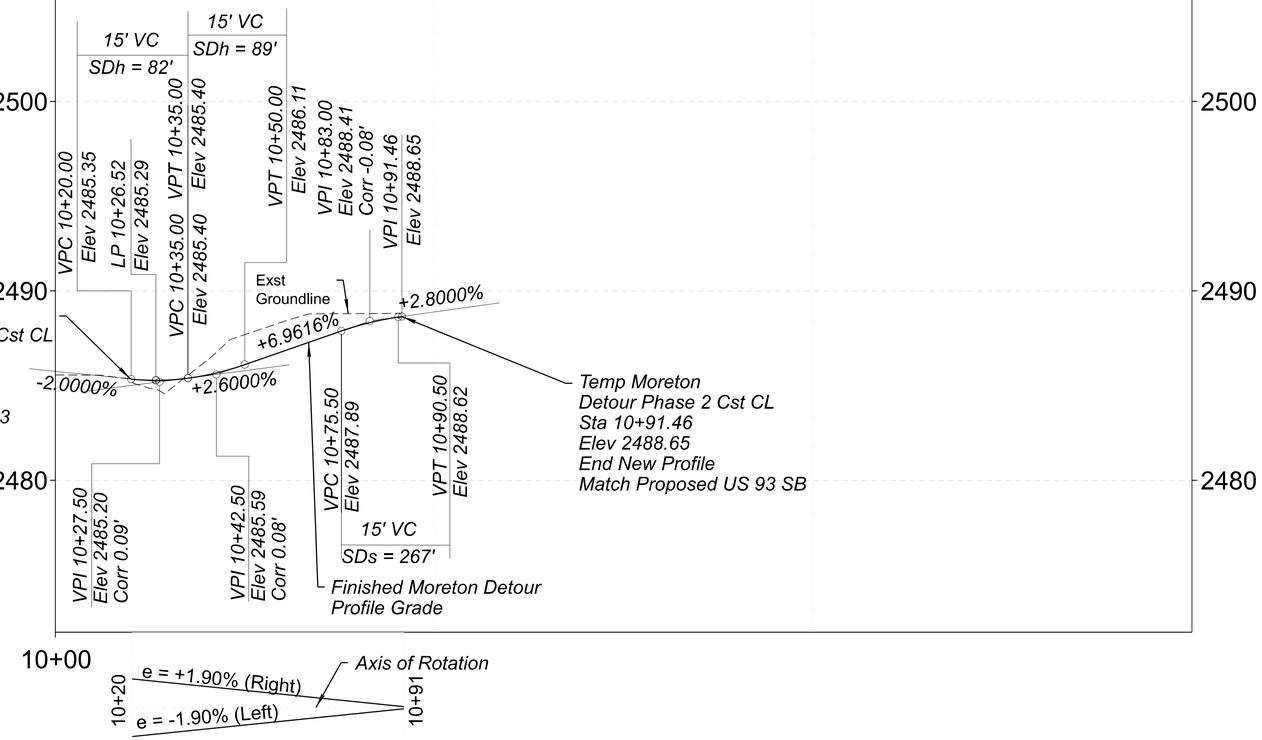
ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

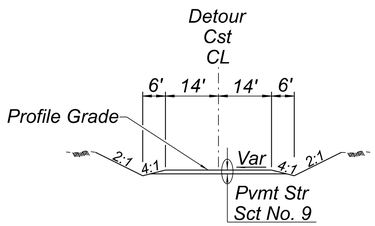
TRACS NO. F0738 01C | 093-B(230)T | DWG NO. C-8.06 | ____ OF ____

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed/Sealed
ARIZONA, U.S.A.

10483 6/8/2026 11:31:57 AM c:\projects\scl-govstateloc\common\dms20152\F0738A DetourPh2_03.dgn \ Model Name: Default







TYPICAL SECTION
Moreton Rd Detour

LEGEND

Temporary Paving

Note: Removal of Temporary Pavement will be measured and paid for under Item 2020029

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Professional Engineer — 26609 DALE WIGGINS — Date Signed 06/26/26 — ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100

AECOM
www.aecom.com

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

TEMP DETOUR - PHASE 2
MORETON RD

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	282	524	

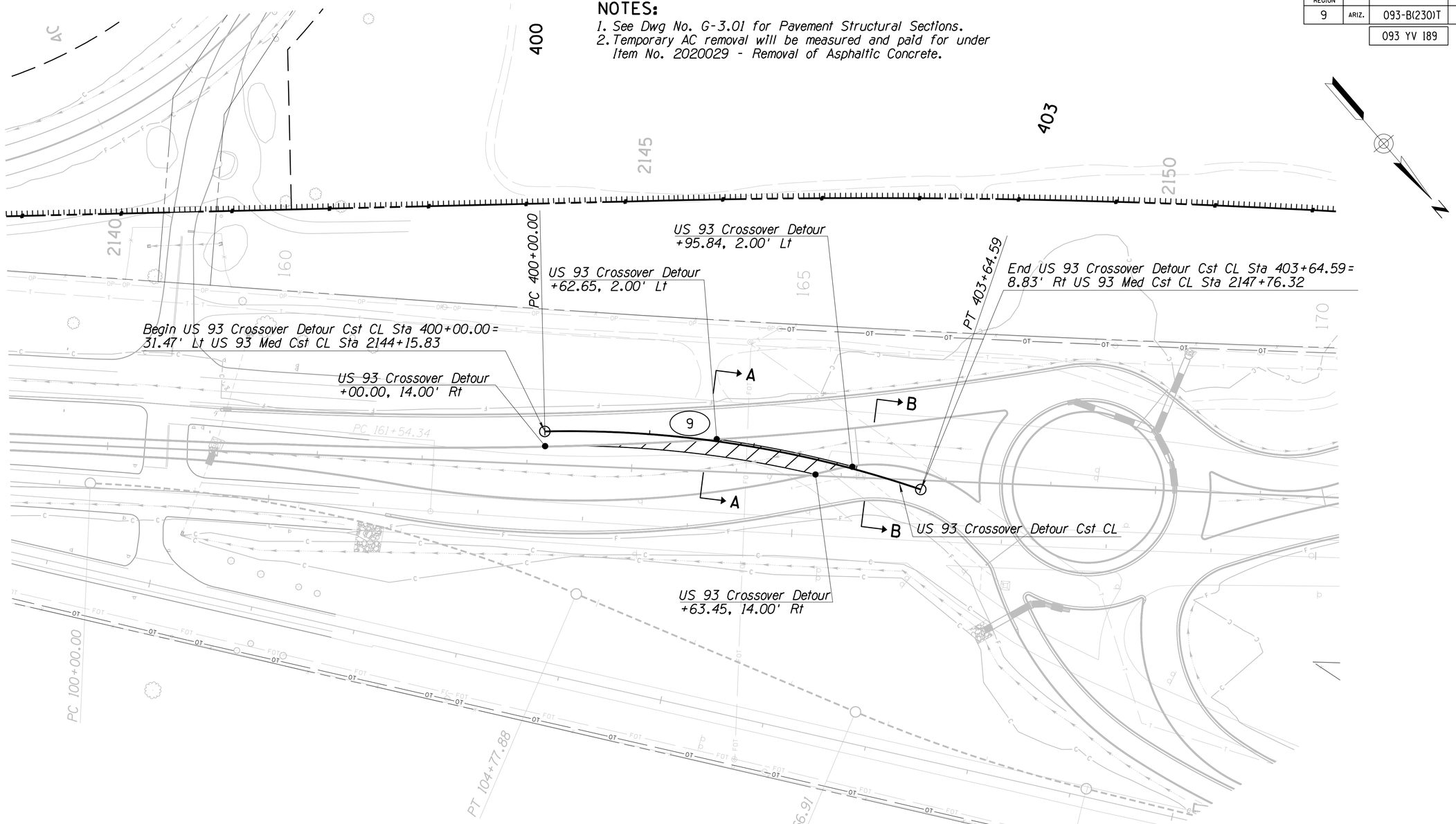
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. C-8.07
TRACS NO. F0738 01C
____ OF ____

c:\pwworking\usaz\dms08894\f0738_td01.dgn
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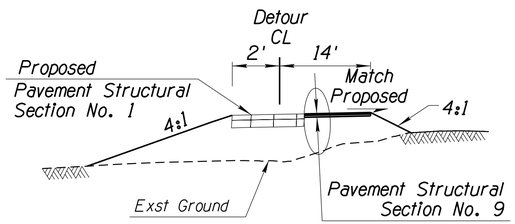
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T			
		093 YV 189			

NOTES:

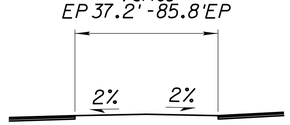
1. See Dwg No. G-3.01 for Pavement Structural Sections.
2. Temporary AC removal will be measured and paid for under Item No. 2020029 - Removal of Asphaltic Concrete.



(9) US 93 Detour
PI Sta 401+84.19
N = 1101710.28
E = 429768.94
Δ = 20°05'10" Rt
D = 5°30'33"
R = 1040.00'
L = 364.59'
T = 184.19'
Ext = 16.18'



SECTION A-A



SECTION B-B

LEGEND:

Temporary Paving

	NAME	DATE
DESIGN	ZSZ	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

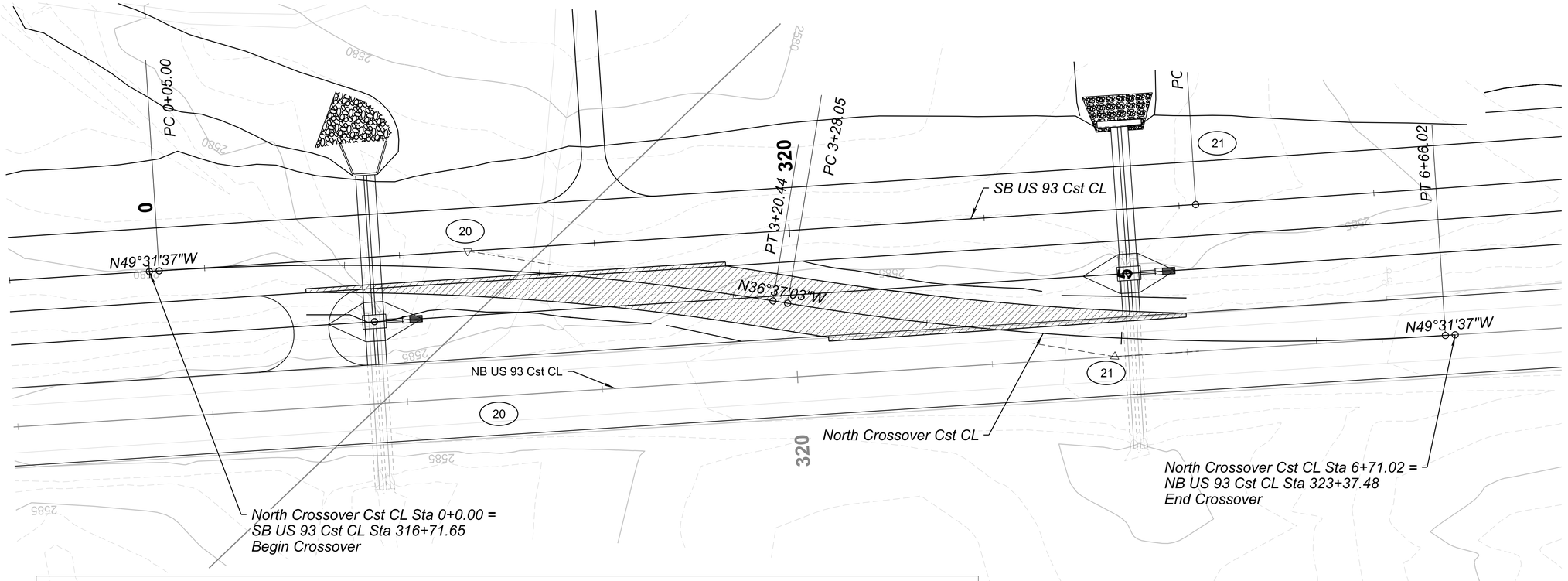
Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

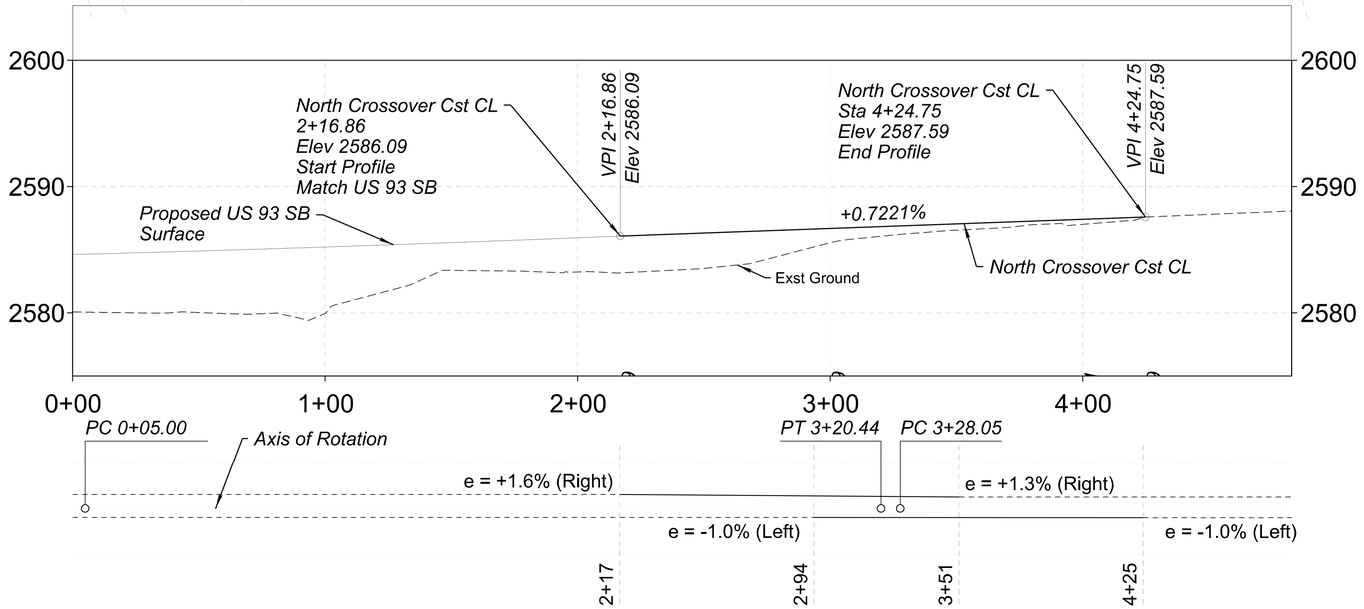
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

PHASE 3 DETOUR PLAN

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

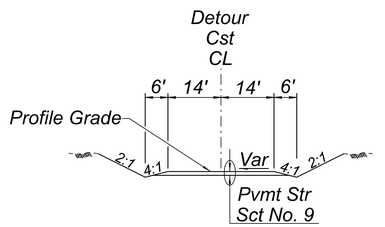
ROUTE	LOCATION	DWG NO. C-8.08
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___





(20) PI 1+63.39
Δ 12°54'34.5" RT
D 04°05'33.2"
T 158.39'
L 314.77'
R 1400.00'
Ext 8.93'

(21) PI 4+97.75
Δ 12°54'34.5" LT
D 03°49'11.0"
T 169.70'
L 337.97'
R 1500.00'
Ext 9.57'



LEGEND
Temporary Paving

TYPICAL SECTION
Crossover Detour

Note: Removal of Temporary Pavement will be measured and paid for under Item 2020029

	NAME	DATE
DESIGN	J GILLIS	06/26
DRAWN	M SAMUELSON	06/26
CHECKED	D WIGGINS	06/26

Registered Professional Engineer (Civil) 26609 DALE WIGGINS Date Signed 06/26/26 ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
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AECOM
www.aecom.com

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

NORTH CROSSOVER
STA 1+96.27 TO STA 4+29.35

ROUTE US 93
MILEPOST 189.9
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	284	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. C-8.09

TRACS NO. F0738 01C

___ OF ___

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	285	524	
		093 YV 189			

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

TRAFFIC CONTROL GENERAL NOTES:

1. *The traffic control plans represent a suggested method for traffic control during construction. The contractor may prepare another traffic control plan in accordance with Section 701 of the Specifications. All traffic control plans are subject to the approval of the Engineer before beginning construction.*

2. *Adjustments to the details of these traffic control plans and requirements may be necessary due to the construction activities or as directed by the Engineer.*

3. *All signing, striping, barrier, barricades, and lane closures shall be in accordance with the 2023 edition of the Manual on Uniform Traffic Control Devices (MUTCD) including the Arizona Supplement to the 2023 MUTCD and the 2025 ADOT Traffic Control Design Guidelines (TCDG).*

4. *All drawings are schematic only and not to scale.*

5. *All existing signs in conflict with the construction signs shall be removed, relocated, or covered in place, as directed by the Engineer. The contractor shall store and reinstall items which have been removed or relocated in a manner approved by the Engineer at no additional cost to the department. Any signs damaged by the contractor or contractor activities shall be replaced at no additional cost to the department.*

6. *The retroreflective sheeting on all construction signs shall meet criteria established in Section 1007 of the Specifications.*

7. *All long-term signs shown on the plans shall be mounted on embedded posts. Signs installed on embedded posts shall be mounted at a minimum height of 7 feet as measured from the bottom of the sign to the near edge of the pavement. All other short-term signs may be installed on portable stands at the height recommended by the portable stand manufacturer.*

8. *The nearest edge or corner of a sign shall be approximately 12 feet from the nearest edge of pavement for all signs mounted on embedded posts.*

9. *Flags shall be mounted on top of all construction signs except the "END ROAD WORK THANK YOU" sign.*

10. *Type A flashing warning lights shall be required on all nighttime construction signs except the "END ROAD WORK THANK YOU" sign.*

11. *Type C steady-burning yellow lights shall be mounted on every barricade when used as channelizing devices during nighttime activities.*

12. *Channelizing devices shall be placed 40 feet on center in tapers and 80 feet on center in tangents, except as otherwise noted on plans.*

13. *Construction signs shall not be displayed to traffic more than 24 hours prior to the actual start of construction. These signs may be installed sooner but they must be covered or turned away from traffic. The cost of covering or turning them shall be considered part of the sign installation cost. No further compensation will be made. These signs shall be removed within 24 hours after the completion of construction activities.*

14. *All construction signs shall have black letters on an orange background, except as otherwise noted.*

15. *Speed limit signing is preliminary and is subject to review and change by the Engineer as dictated by field conditions.*

16. *For temporary concrete barrier details, see ADOT Standard Drawing C-3. For temporary concrete barrier markers, see ADOT Standard Drawing M-32 barrier markers. Markers shall be installed at 20 foot spacing. The installed price for the markers shall be considered part of the barrier cost.*

17. *When traffic control devices are not in use, they shall be moved at least 30 feet from the roadway.*

18. *An adequate number of Type 3 barricades shall be placed across each roadway to be closed. A 48 x 30 inch "ROAD CLOSED" or "RAMP CLOSED" sign, as appropriate, shall be attached to one of the Type 3 barricades closing the roadway. A Type A flashing warning light shall be mounted on each end of the Type 3 barricades.*

19. *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. The contractor shall obliterate striping as shown on the plans and as needed to ensure no conflicting striping is present.*

20. *Existing pavement markers shall be removed. Removal of existing pavement markers will not be measured and paid for separately. Cost for removal of existing pavement markers shall be included in the cost for removal of existing pavement markings.*

21. *The contractor shall install signing for "Fines Double Workers Present" in work zones, when allowed by the Engineer, which shall generally conform to Figure SA-12 of ADOT 2025 TCDG. Such signing shall only be in place during working periods when workers are present. The contractor shall remove "Fines Double Workers Present" signage when workers are not present.*

22. *The contractor shall install changeable message boards as directed by the Engineer. The messages shall be displayed such that the entire message can be read twice at operating speed from no further than 650 feet. The contractor shall locate the changeable message boards just off the paved roadway in compliance with the clear zone requirements or as directed by the Engineer. The Engineer will determine the messages on the changeable message boards to coincide with construction activities. Changeable message boards shall be in place at least 14 days prior to construction activities. For each changeable message board used on the project, the contractor shall position Type 2 barricades per ADOT TCDG Figure SA-13 through SA-17 around the changeable message board. Each Type 2 barricade shall be affixed with a Type C steady-burning light for nighttime use. The contractor shall only position changeable message boards where and when approved by the Engineer.*

23. *The contractor shall utilize a flashing arrow panel in the sequential chevron mode for each closure of a through lane. The contractor shall not utilize a flashing arrow panel in connection with any shifting taper.*

24. *The contractor shall provide flagger and enforcement officers as directed by the Engineer.*

25. *Temporary concrete barrier shall not be placed until work is imminent and shall be removed as soon as practical, as reviewed and approved by the Engineer.*

26. *The contractor shall submit a Final Pavement Marking Sequence Plan for US 93 and SR 89 to the Engineer at the preconstruction meeting. The plan shall identify each final pavement line and/or area to be installed, and where the traffic lanes and movements will be accommodated. Lane closures and restrictions will only be allowed during low volume off-peak time periods. The final pavement marking work cannot be scheduled until the Final Pavement Marking Sequence Plan is approved by the Engineer.*

27. *All temporary striping shall be temporary paint, except as otherwise noted.*

28. *The sequential flashing warning lights shall have a minimum mounting height of 36 inches measured from pavement to bottom of light.*

29. *The successive flashing of the lights shall occur from the upstream end of the merging taper to the downstream end of the merging taper in order to identify the desired vehicle path.*

30. *Channelizing devices shall be placed in accordance with ADOT Traffic Control Design Guidelines and MUTCD based on posted speed limit, except as otherwise noted on plans.*

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
TRAFFIC CONTROL
GENERAL NOTES

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE
TURPIN
Date Signed 6/11/26
ARIZONA, U.S.A.

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. T-1.01

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

ESTIMATED QUANTITIES

Item No.	Item Description	Unit	Adv. Signing	Phase 1	Phase 2	Phase 3	Phase 4A	Phase 4B	Phase 5	Total
7015010	TEMPORARY CONCRETE BARRIER (INSTALLATION AND REMOVAL)	L.FT.	0	0	9,460	5,414	1,540	0	0	16,414
7010025	TEMPORARY IMPACT ATTENUATION DEVICE (IN-LINE ENERGY ABSORBING TERM.)	EACH	0	0	49	4	4	0	0	57
7010026	TEMPORARY IMPACT ATTENUTION DEVICE (IN-LINE ENERGY ABSORBING TERM.) (IN USE)	EACH-DAY	0	0	8,122	287	64	0	0	8,473
7015036	TEMPORARY PREFORMED MARKING (ARROW, SYMBOL OR LEGEND)	EACH	0	0	3	5	0	0	0	8
7015052	OBLITERATE PAVEMENT MARKING (STRIPE)	L.FT.	0	0	27,353	9,455	3,147	0	0	39,955
7015091	SPECIALTY SIGNS	SQ.FT.	0	0	80	30	0	0	0	110
7016020	TEMPORARY CONCRETE BARRIER (IN USE)	L.FT.-DAY	0	0	2,121,460	121,100	14,128	0	0	2,256,688
7016030	BARRICADE (TYPE 1, TYPE 2, VERT.PANEL, TUBULAR MARKER)	EACH-DAY	19,150	8,582	128,128	104,794	25,559	6,399	1,350	293,961
7016031	BARRICADE (TYPE 3, HIGH LEVEL FLAG TREE)	EACH-DAY	0	0	1,572	965	253	189	0	2,979
7016032	PORTABLE SIGN STAND (RIGID)	EACH-DAY	0	258	1,834	977	184	216	0	3,469
7016033	PORTABLE SIGN STAND (SPRING TYPE)	EACH-DAY	4,684	365	11,442	3,526	706	552	870	22,145
7016035	WARNING LIGHTS (TYPE A)	EACH-DAY	16,392	623	15,372	6,433	1,396	768	870	41,854
7016037	WARNING LIGHTS (TYPE C)	EACH-DAY	19,150	7,633	128,128	103,309	25,248	6,399	1,350	291,217
7016039	EMBEDDED SIGN POST	EACH-DAY	27,170	0	0	0	0	0	0	27,170
7016050	TRUCK-MOUNTED ATTENUATOR	EACH-DAY	20	0	818	16	16	43	26	939
7016051	TEMPORARY SIGN (LESS THAN 10 S.F.)	EACH-DAY	4	769	8,568	4,971	1,212	576	385	16,485
7016052	TEMPORARY SIGN (10 S.F. OR MORE)	EACH-DAY	17,804	0	1,644	1,152	0	2,016	1,845	24,461
7016061	FLASHING ARROW PANEL	EACH-DAY	4	0	0	110	23	51	75	263
7016067	CHANGEABLE MESSAGE BOARD (CONTRACTOR FURNISHED)	EACH-DAY	1,915	0	0	0	0	27	0	1,942
7016071	PILOT VEHICLE WITH DRIVER	HOUR	0	0	72	0	0	0	0	72
7016075	FLAGGING SERVICES (CIVILIAN)	HOUR	0	336	0	336	0	448	0	1,120
7016081	FLAGGING SERVICES (DPS)	HOUR	40	0	160	240	33	148	0	621
7016082	FLAGGING SERVICES (LOCAL ENFORCEMENT OFFICER)(WITH AGENCY VEHICLE)	HOUR	40	0	160	240	33	148	0	621
7017030	SEQUENTIAL FLASHING WARNING LIGHT	EACH-DAY	0	0	0	1,485	311	0	0	1,796
7080203	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED) (WHITE OR YELLOW)	L.FT.	0	0	40,479	89,683	7,773	0	0	137,935

Registered Professional Engineer — CERTIFICATE NO. 84542 — CRAIG J. RICKETTS, JR. — Date Signed 06/26/2026 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

TRAFFIC CONTROL
ESTIMATED QUANTITIES

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 190	093-B-NFA	286	524	
MILEPOST 190.5	LOCATION VISTA ROYALE						DWG No. T-1.02
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

MAINTENANCE OF TRAFFIC

Activity No.	CONSTRUCTION ACTIVITY	TRAFFIC CONTROL	COMMENTS
Preliminary Activity	On US 93: - Provide Advanced Warning Signage - Place temporary concrete barrier at night as defined in these traffic control plans	- Provide standard long term advance warning signs and changeable message signs per these traffic control plans.	- Install CMB 14 calendar days prior to the start of construction. CMBs are to remain in place for the duration of construction.
Phase 1	On US 93: - Construct temporary AC pavement. - Mill and fill existing rumble strip. See Phase 1 Detour Plans for locations. On Matthie Ranch Road: - Construct extension of Wickenburg Ranch Way and re-aligned Matthie Ranch Rd.	- Maintain traffic on existing US 93 mainline. - Maintain access on Matthie Ranch Road per MUTCD TA-10 during contruction of tie-in point between Sta. 40+00 and Sta. 43+00.	- See DWG. Nos. T-2.01 thru T-2.06 for closure of shoulders.
Phase 2	On US 93: - Construct proposed southbound US 93 mainline bridge. - Construct proposed southbound US 93 mainline and culvert extensions. - Construct temporary pavement for US 93 mainline crossover on north end of project near Sta 320+00. - Construct proposed frontage road. - Construct proposed residential driveways. - Construct minor road at Caballero Dr. - Construct portion of roundabout and temporary pavement at existing Moreton Rd and US 93 from station 220+00 to 224+20. - Construct portion of SR 89 roundabout including NB and SB SR 89 from roundabout to Sta. 475+65. - Construct temporary pavement along SB US 93 between Sta. 154+00 and Sta. 167+00. - Do not construct SMA final surface course on proposed SB alignment until Phase 4B. Phase 2A: - Construct second portion of Moreton Rd roundabout.	- Maintain traffic on existing US 93 mainline. - Detour SB SR 89 traffic onto NB SR 89 slip ramp to access US 93 at Matthie Ranch Road intersection. - Maintain access to Nine Irons Ranch Rd. - Maintain access to Moreton Rd. - Maintain access to the private driveway at Antelope Creek Rd. - Maintain access on Caballero Rd by constructing in halves utilizing a flagging operation per Figure SA-3 of the Arizona Department of Transportation, Temporary Traffic Control Design Guidelines. - US 93 right shoulder closures shall be as per figure 6H-5 of the 2023 MUTCD "SHOULDER CLOSURE ON A FREEWAY WITH CHANNELIZING DEVICES (TA-5)". - A 3-day single-lane closure of the existing mainline US 93 southbound lane is required to set girders on the proposed southbound bridge. Traffic shall be maintained on US 93 utilizing a flagging operation with a pilot car per Figure SA-3 of the Arizona Department of Transportation, Temporary Traffic Control Design Guidelines. Phase 2A: - Maintain traffic on existing US 93 mainline.	- Maintain at least 1 travel lane in each direction of US 93 for the duration of construction, except during the single-lane US 93 mainline closure while girders are being set on the proposed SB US 93 bridge. See DWG. Nos. T-2.07 thru T-2.12. - See DWG. No. T-2.13 for phasing detail of first portion of Moreton Rd. - See DWG. No. T-2.14 for phasing detail at Caballero Rd. - See DWG. No. T-2.15 for phasing detail at Antelope Creek Rd. Phase 2A: - See DWG. No. T-2.16 for phasing detail of second portion of Moreton Rd.

CONSTRUCTION DURATION

Calendar Days per Activity:

Preliminary Activity: 21 Days

Phase 1: 74 Days

Phase 2: 253 Days

Phase 2a: 10 Days

Registered Professional Engineer — 64542 — CRAIG J. RICKETTS, JR. — 06/30/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

MAINTENANCE OF TRAFFIC TABLE
(SHEET 1 OF 2)

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 190	093-B-NFA	287	524	
MILEPOST 190.5	LOCATION VISTA ROYALE					DWG No.	T-1.03
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF____

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MAINTENANCE OF TRAFFIC

Activity No.	CONSTRUCTION ACTIVITY	TRAFFIC CONTROL	COMMENTS
Phase 3	On US 93: - Construct culvert extensions on existing US 93 mainline. - Construct northbound US 93 mainline bridge improvements. - Remove temporary AC pavement no longer in use. - Construct NB US 93 right-turn lane into Quail Run Trail. - Do not construct SMA final surface course on proposed NB alignment until Phase 4B.	- Shift traffic onto constructed proposed SB US 93 using temporary crossover on north end of project near Sta 320+00. - Detour SB SR 89 traffic onto NB SR 89 slip ramp to access US 93 at Matthie Ranch Road intersection. Phase 3A: - Maintain Frontage Road access to US 93 using Caballero Drive intersection while constructing Nine Irons Ranch Rd and Antelope Creek Rd. Phase 3B: - Maintain Frontage Road access to US 93 using Nine Irons Ranch Rd and Antelope Creek Rd while constructing Caballero Drive. - Shift NB traffic back onto existing US 93 mainline at the end of the phase. Maintain 1 open lane per direction.	- Maintain at least 1 travel lane in each direction of US 93 for the duration of construction. See DWG. Nos. T-2.17 thru T-2.25. - See DWG. No. T-2.24 for phasing details at Moreton Rd. - See DWG. No. T-2.25 for North Crossover details.
Phase 4A	On US 93: - Remove temporary pavement no longer in use. - Construct final portion of Moreton Rd roundabout. On SR 89: - Construct SB SR 89 from Sta.474+00 to Sta. 490+00. - Construct remaining portion of NB US 93 at SR 89 Roundabout.	- Maintain just one lane of traffic on SB US 93 mainline on proposed SB alignment using crossover on northern side of project near Sta 320+00. - Maintain one lane in each direction along SB US 93 while utilizing temporary pavement between Sta. 130+00 and the SR 89 roundabout. Open roundabout at SR 89 and maintain one lane in each direction for US 93 through roundabout. North of SR 89 roundabout and Sta. 180+00, maintain one lane in each direction on newly constructed NB and SB US 93. - NB SR 89 traffic continue to use slip ramp to access US 93 at Matthie Ranch Road intersections. SB SR 89 traffic to utilize newly constructed SB 89 to access US 93 via roundabout. Maintain access to SR 89 per MUTCD TA-10 during construction of Tie-in point between Sta. 475+00 and Sta. 480+00.	- See DWG. No. T-2.33 for traffic control at Moreton Rd roundabout. See DWG. Nos. T-2.26 thru T-2.32 for traffic control along US 93 and SR 89.
Phase 4B	On US 93: - Remove temporary pavement no longer in use. - Construct SMA final surface course. On SR 89: - Construct remaining portion of NB US 93 at Old Matthie Ranch Road intersection. - Remove temporary pavement no longer in use.	- Maintain one lane in each direction along SB US 93 while utilizing temporary pavement between Sta. 130+00 and the SR 89 roundabout. Maintain one in each direction for US 93 through roundabout. North of SR 89 roundabout and Sta. 180+00, maintain one lane in each direction on newly constructed NB and SB US 93. - Construct SMA final surface course while maintaining one lane in each direction of US 93 on their respective NB and SB alignments. Utilize Figure SA-5(L) and Figure SA-5(R) from the Arizona Department of Transportation, Temporary Traffic Control Design Guidelines as needed to maintain one lane of travel. - NB and SB SR 89 traffic utilize newly constructed SR 89 to access US 93 via roundabout.	- See DWG. Nos. T-2.34 thru T-2.36 for traffic control along US 93 and SR 89.
Phase 5	- Construct remaining portion of NB and SB SR 93 between Sta. 128+00 and 134+00. - Install final pavement markings, rumble strips, and signing. - Install Seeding on the ground disturb area. - Remove Temporary Pavement crossover on north end of project near Sta. 320+00.	- Maintain one lane in each direction along NB and SB US 93 on their respective alignments. - Traffic control will be in accordance with Figures SA-5(L) and SA-5(R) (Lane closure divided highway) from the Arizona Department of Transportation, Temporary Traffic Control Design Guidelines. - Striping shall be in accordance with figure SA-19A (Work zone traffic control for mobile operation) of the Arizona Department of Transportation, Temporary Traffic Control Design Guidelines.	- See DWG. Nos T-2.37 thru T-02.43 for traffic control along US 93.

CONSTRUCTION DURATION

Calendar Days per Activity:

Phase 3: 96 Days

Phase 4A: 16 Days

Phase 4B: 24 Days

Phase 5: 60 Days

Total Calendar Days Duration:
469 Days

Professional Engineer Registered Certificate 42642 CRAIG J. RICKETTS, JR. Date Signed 06/30/26 ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

MAINTENANCE OF TRAFFIC TABLE
(SHEET 2 OF 2)

ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 190	093-B-NFA	288	524	

LOCATION VISTA ROYALE

DWG No. T-1.04

TRACS NO. F0738 01C

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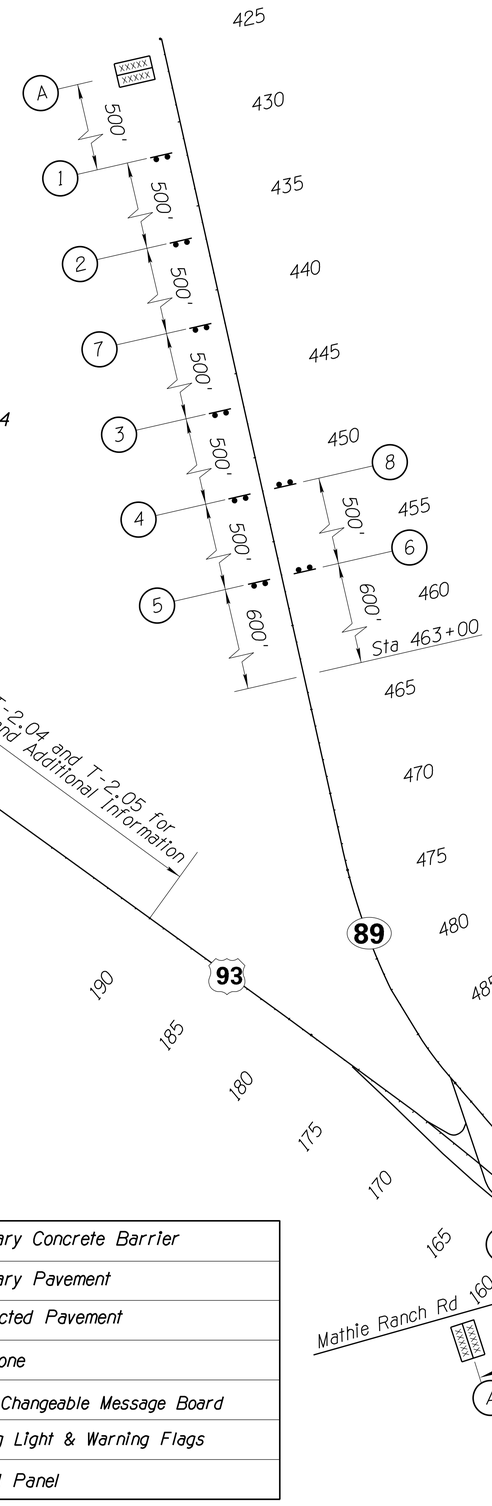
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	289	524	
		093 YV 189			

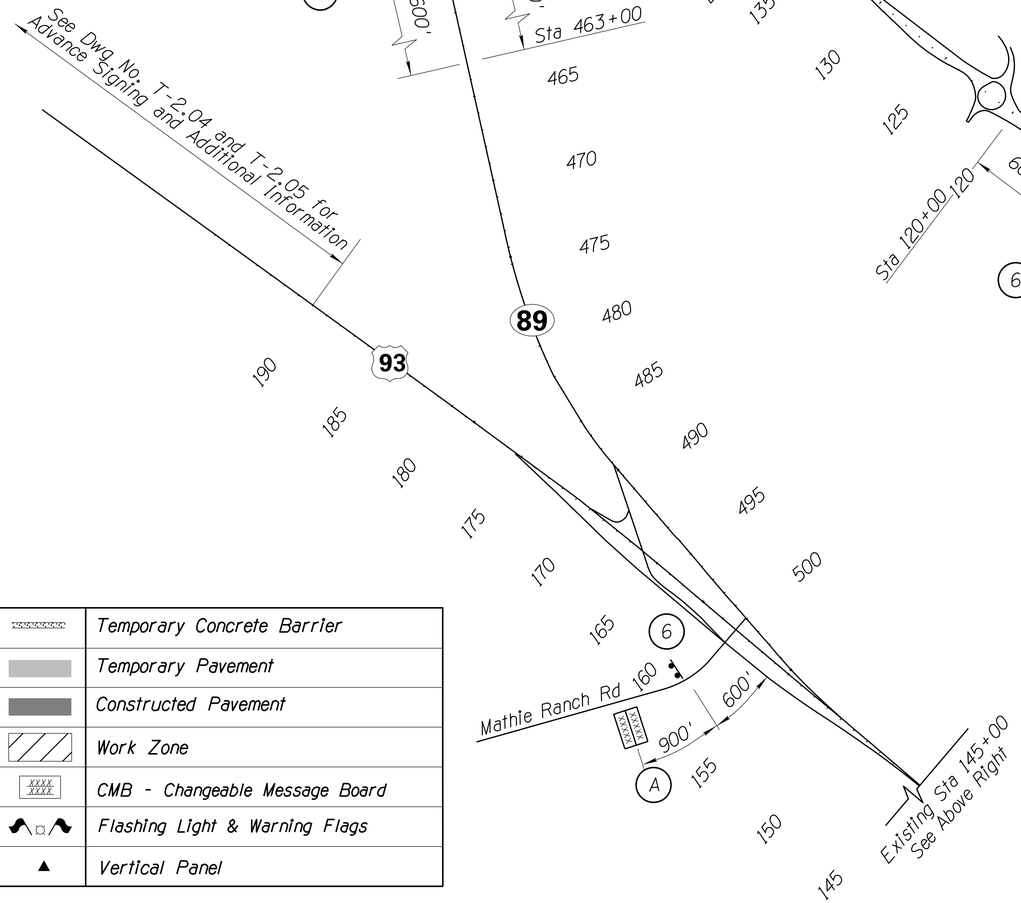
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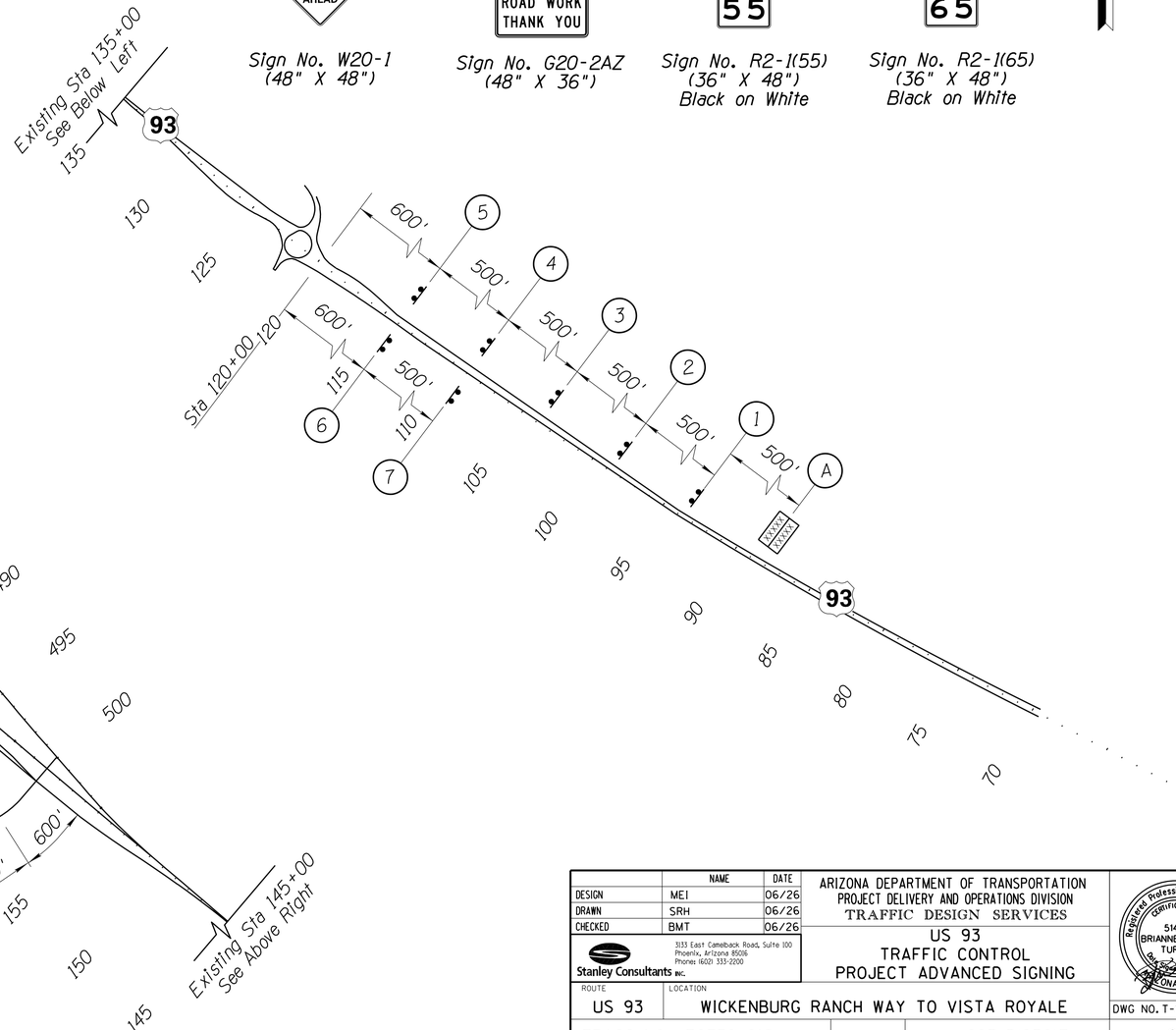
A	ROAD WORK AHEAD
	(DATE) TO (DATE)

NOTES:

1. *The contractor will coordinate message with the Engineer 14 days prior to closure.*
2. *Changeable message boards shall be installed 14 days prior to closures.*







SIGN LEGEND:

1



Sign No. G20-1
(72" X 36")

2



Sign No. W3-5aAZ
(48" X 48")

3



Sign No. R2-1(45)
(36" X 48")
Black on White

4



Sign No. R2-1(35)
(36" X 48")
Black on White

5



Sign No. W20-1
(48" X 48")

6



Sign No. G20-2AZ
(48" X 36")

7

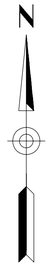


Sign No. R2-1(55)
(36" X 48")
Black on White

8



Sign No. R2-1(65)
(36" X 48")
Black on White



LEGEND:

→	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement
▸	Sign On Spring Stand		Constructed Pavement
▪	Sign On Rigid Stand		Work Zone
	Sign On Embedded Posts	XXXX XXXX	CMB - Changeable Message Board
■	Type 2 Barricade		Flashing Light & Warning Flags
⊢	Type 3 Barricade	▲	Vertical Panel

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
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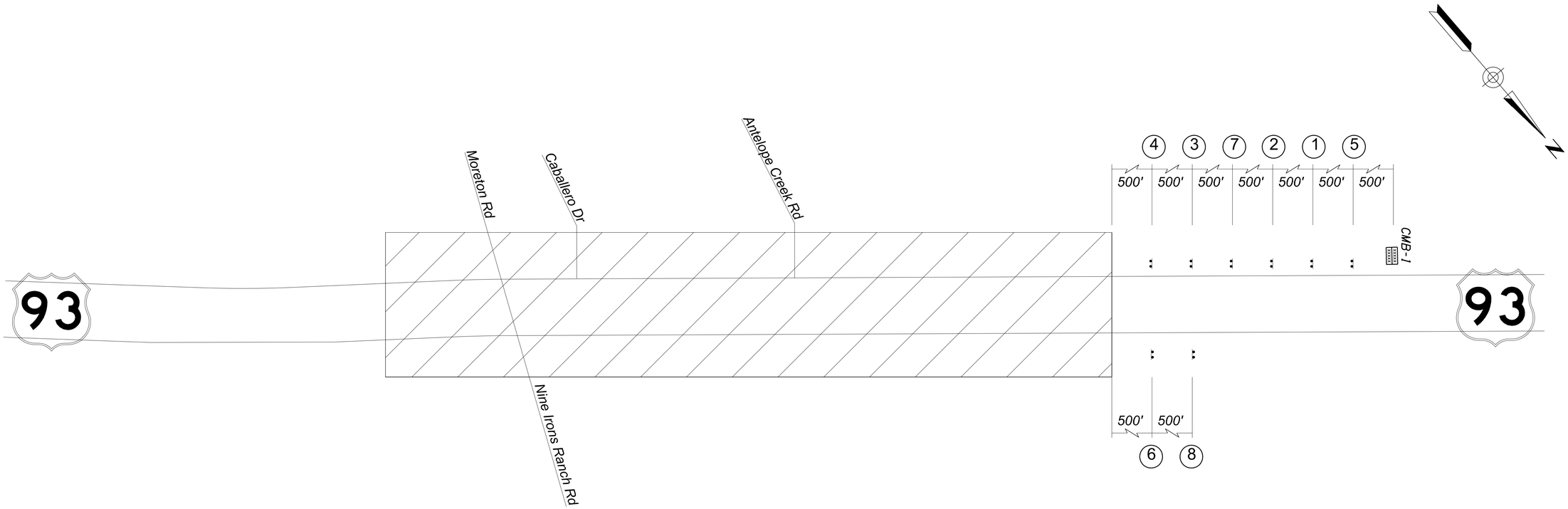
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
TRAFFIC CONTROL
PROJECT ADVANCED SIGNING

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
(BRIANNE MARIE)
TURPIN
Date Signed
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-1.05
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE



1



G20-1
72"X 36"
BLACK/ORANGE

2



W3-5aAZ
48"X 48"
BLACK/ORANGE

3



R2-1(45)
48" X 60"
BLACK/WHITE

4



R2-1(35)
48" X 60"
BLACK/WHITE

5



W20-1
48"X 48"
BLACK/ORANGE

6



G20-2AZ
48" X 36"
BLACK/ORANGE

7



R2-1(55)
48" X 60"
BLACK/WHITE

8



R2-1(65)
48" X 60"
BLACK/WHITE

LEGEND:

Traffic Sign (Embedded Post)

CMB
XXXXX
XXXXX

Changeable Message Board

Work Zone

Flags

Warning Light

CMB-1

SUGGESTED CHANGEABLE MESSAGE BOARD MESSAGE

		R	O	A	D		
		W	O	R	K		
		A	H	E	A	D	

		D	A	T	E		

NOTES:

1. *CONTRACTOR SHALL USE EXISTING DMS BOARDS FOR MESSAGING DURING THE DURATION OF THIS PROJECT.*
2. *DURING PHASE 2, THE POSTED SPEED REDUCTION TO 35 MPH, DESIGNATED BY SIGN 4 ON THIS SHEET, IS ONLY REQUIRED DURING CONSTRUCTION OF THE TEMPORARY CROSSOVER AND TEMPORARY DRIVEWAYS. FOR OTHER PHASE 2 ACTIVITIES OUTSIDE THE CLEAR ZONE, THE POSTED SPEED MAY REMAIN AT 65 MPH. DURING PHASE 3, 4, AND 5, THE POSTED SPEED SHALL BE REDUCED TO 55 MPH UNLESS OTHERWISE STATED IN THESE TRAFFIC CONTROL PLANS.*
3. *ADVANCED WARNING SIGNAGE SOUTH OF THIS PROJECT IS SHOWN ON SEPARATE SHEET.*

Registered Professional Engineer (Civil) CERTIFICATE 64542 CRAIG J. RICKETTS, JR. Date Signed 06/30/26 ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

TRAFFIC CONTROL
ADVANCED SIGNING

ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 190	093-B-NFA	290	524	

LOCATION: VISTA ROYALE

TRACS NO. F0738 01C

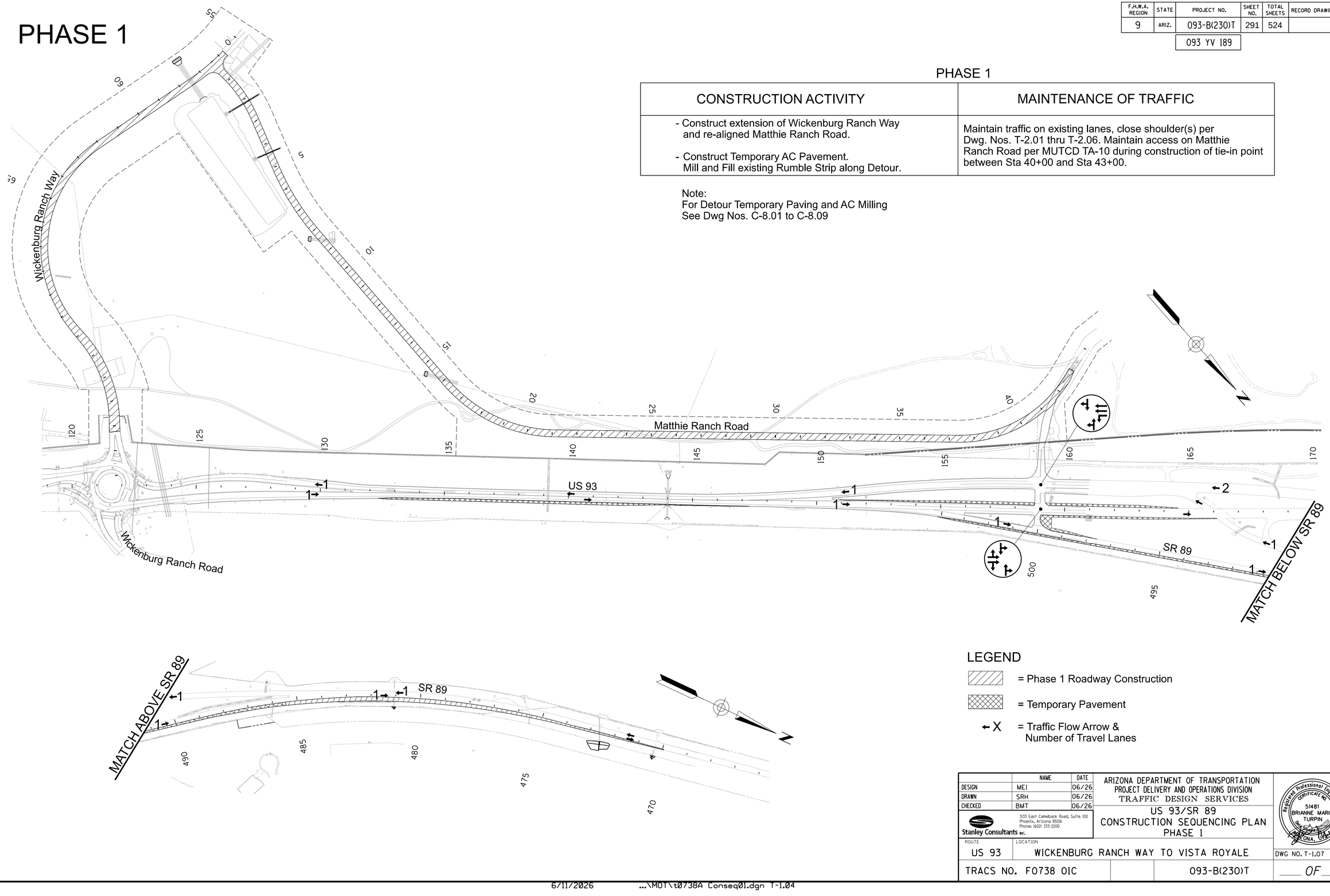
DWG No. T-1.06

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	291	524	
		093 YV 189			

PHASE 1



PHASE 1

CONSTRUCTION ACTIVITY	MAINTENANCE OF TRAFFIC
- Construct extension of Wickenburg Ranch Way and re-aligned Matthie Ranch Road. - Construct Temporary AC Pavement. Mill and Fill existing Rumble Strip along Detour.	Maintain traffic on existing lanes, close shoulder(s) per Dwg. Nos. T-2.01 thru T-2.06. Maintain access on Matthie Ranch Road per MUTCD TA-10 during construction of tie-in point between Sta 40+00 and Sta 43+00.

Note:
For Detour Temporary Paving and AC Milling
See Dwg Nos. C-8.01 to C-8.09

LEGEND

= Phase 1 Roadway Construction

= Temporary Pavement

←X = Traffic Flow Arrow & Number of Travel Lanes

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93/SR 89
CONSTRUCTION SEQUENCING PLAN
PHASE 1

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

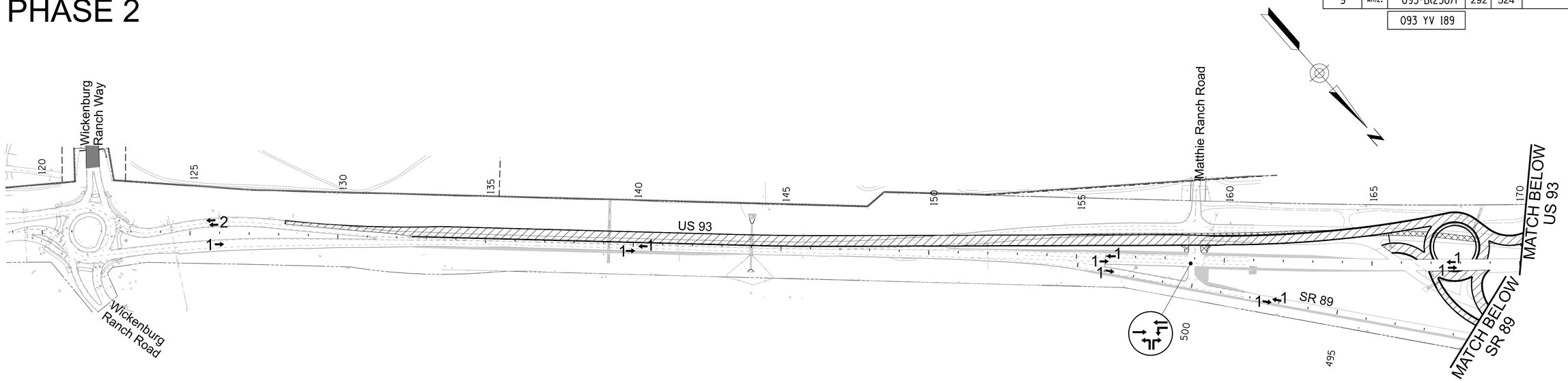
ROUTE	LOCATION	DWG NO. T-1.07
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

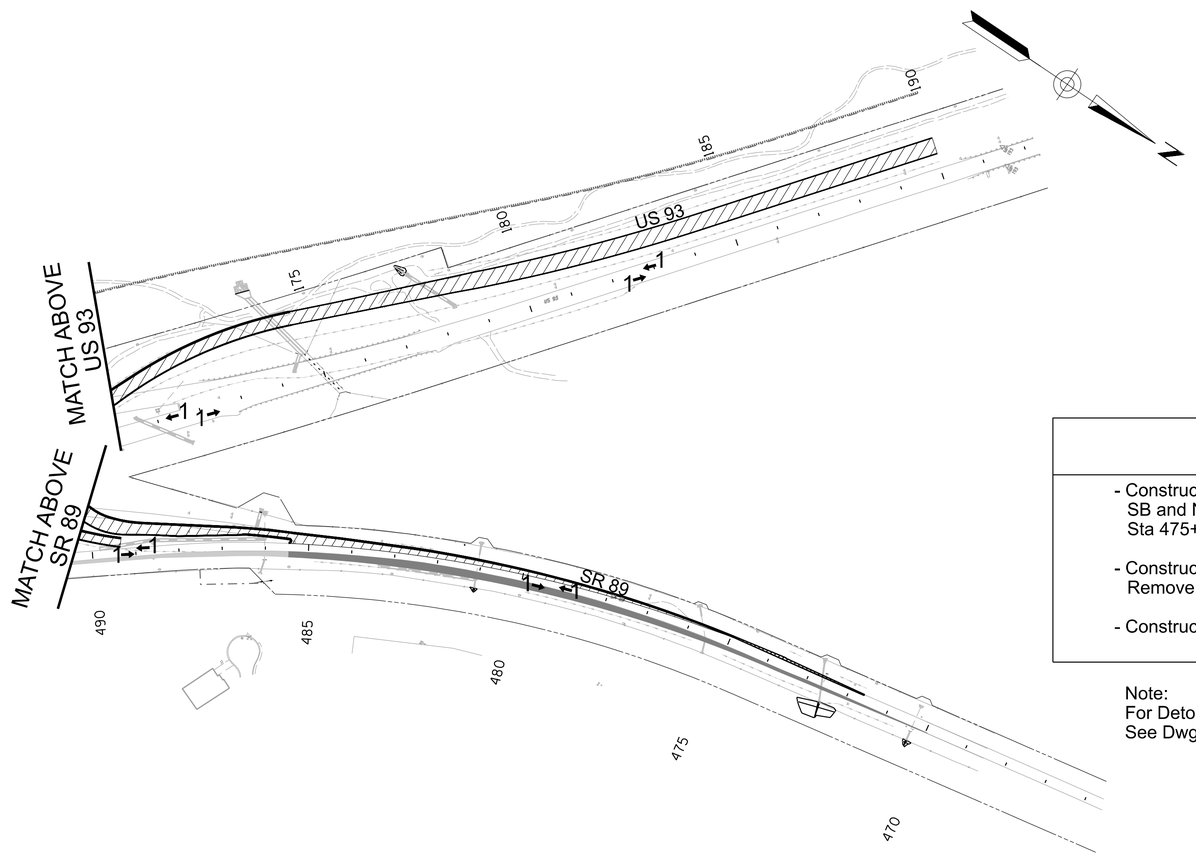
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

6/11/2026 ...\MOT\t0738A Conseq01.dgn T-1.04

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	292	524	
		093 YV 189			

PHASE 2





LEGEND

- = Previously Constructed
- = Temporary Pavement
- = Phase 2 Roadway Construction
- = Phase 2 Temporary Pavement
- ←X = Traffic Flow Arrow & Number of Travel Lanes

PHASE 2

CONSTRUCTION ACTIVITY	MAINTENANCE OF TRAFFIC
- Construct SB US 93 and portion of roundabout, SB and NB SR 89 from the roundabout north to Sta 475+65 - Construct Temporary AC Pavement. Remove existing SB US 93 pavement not in use. - Construct culvert extensions.	Maintain one lane of traffic in each direction on existing NB US 93 and Temporary Pavement per Dwg. Nos. T-2.07 thru T-2.15A. Detour SB SR 89 traffic onto NB SR 89 slip ramp to access US 93 at Matthie Ranch Rd intersection.

Note:
For Detour Temporary Paving and AC Milling
See Dwg Nos. C-8.01 to C-8.09

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

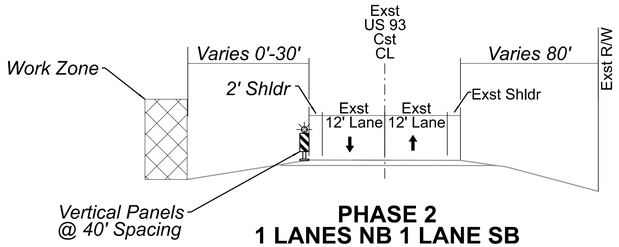
US 93/SR 89
CONSTRUCTION SEQUENCING PLAN
PHASE 2

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
Date Signed 6/11/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-1.08
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

PHASE 2



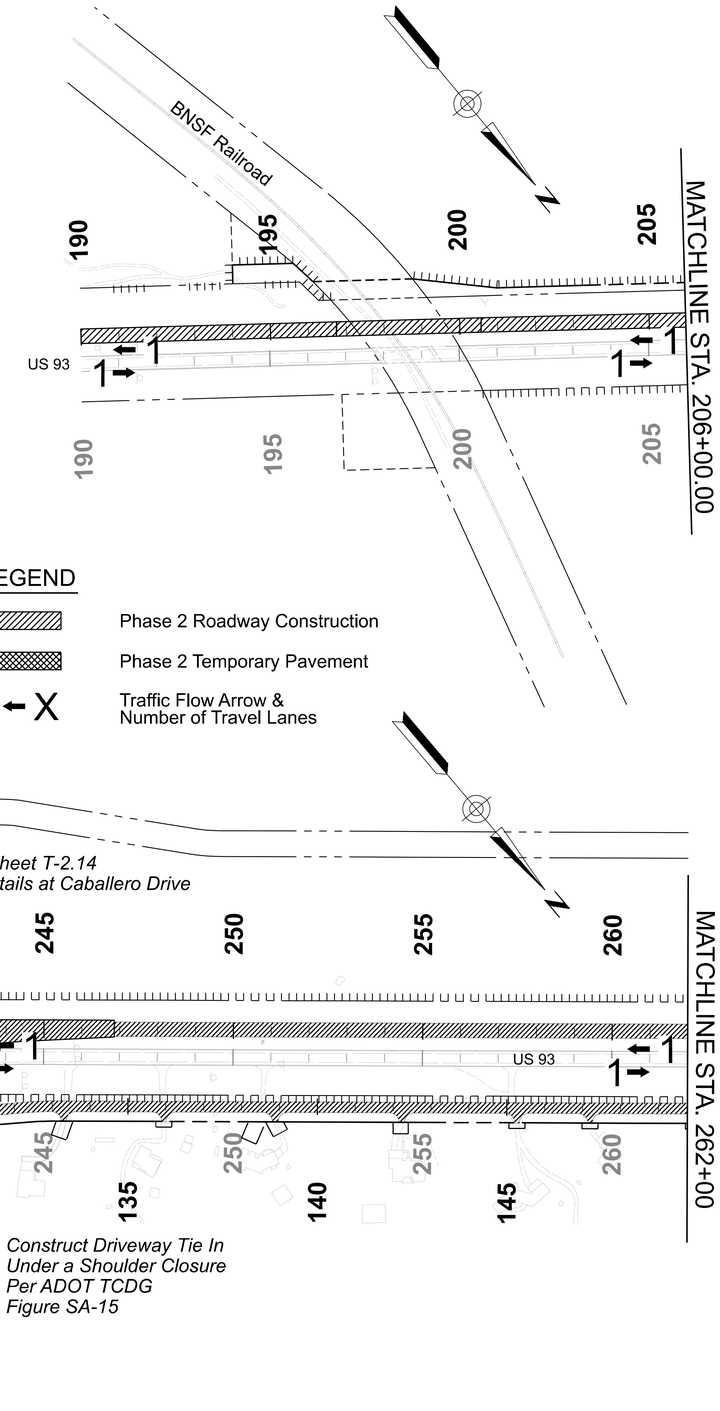
PHASE 2
1 LANES NB 1 LANE SB
TYPICAL SECTION

Exst US 93 STA 211+43 to 220+60
Exst US 93 STA 228+12 to 233+59
Exst US 93 STA 245+80 to 267+15
Exst US 93 STA 276+54 to 325+00

Phase 2

CONSTRUCTION ACTIVITY	MAINTENANCE OF TRAFFIC
- Construct proposed southbound US 93 mainline bridge. - Construct proposed southbound US 93 mainline from Sta 190+00 to Sta 340+110, and culvert extensions. - Construct roundabout around existing Moreton Rd and US 93 from station 220+00 to 224+20. - Construct minor road as Caballero Dr. - Construct proposed residential driveways. - Construct proposed frontage road. - Do not construct SMA final surface course on proposed SB alignment until Phase 4B.	- Maintain traffic on existing northbound US 93 mainline. - Maintain traffic to Nine Irons Ranch Rd. - Maintain traffic to Moreton Rd. - Maintain access to the private driveway at Antelope Creek Rd. - Maintain access on Caballero Rd by constructing in halves utilizing a flagging operation per Figure SA-3 of the Arizona Department of Transportation, Temporary Traffic Control Design Guidelines. - US 93 right shoulder closures shall be as per figure 6H-5 of the 2023 MUTCD "SHOULDER CLOSURE ON A FREEWAY WITH CHANNELIZING DEVICES (TA-5)".

MAINTENANCE OF TRAFFIC (cont.)
- A 3-day single-lane closure of the existing mainline US 93 southbound lane is required to set girders on the proposed southbound bridge. Traffic shall be maintained on US 93 utilizing a flagging operation with a pilot car per Figure SA-3 of the Arizona Department of Transportation, Temporary Traffic Control Design Guidelines.E4



	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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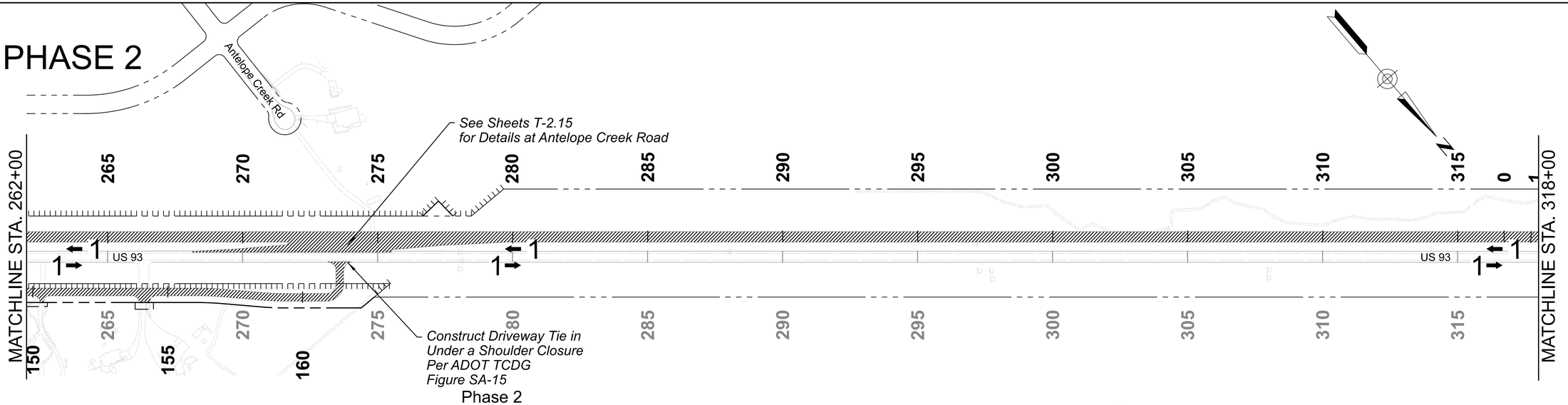
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES
TRAFFIC CONTROL SEQUENCING
PHASE 2
SHEET 1 OF 2

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 190	093-B-NFA	293	524	
MILEPOST 190.5	LOCATION: VISTA ROYALE					DWG No. T-1.09
STRUCTURE NO.	TRACS NO. F0738 01C					____ OF ____

F.H.W.A. Arizona Division

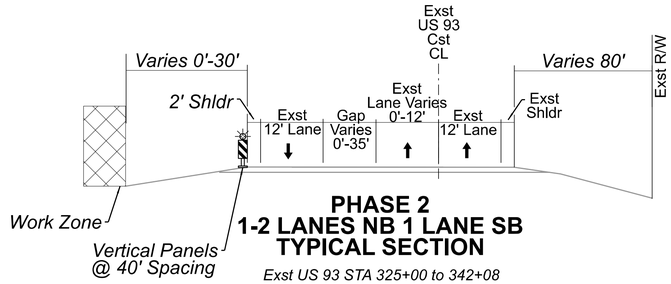
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PHASE 2



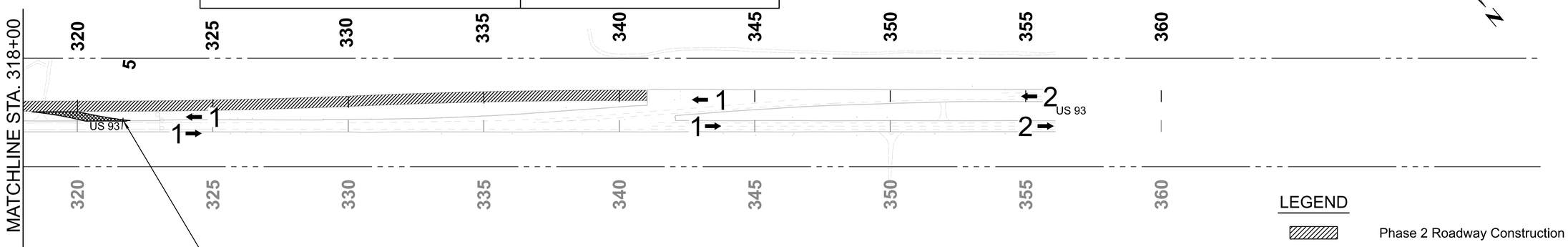
Phase 2

CONSTRUCTION ACTIVITY	MAINTENANCE OF TRAFFIC
- Construct proposed southbound US 93 mainline from Sta 190+00 to Sta 340+110. - Construct proposed residential driveways. - Construct proposed frontage road. - Construct temporary pavement for US 93 mainline crossover on north end of project near Sta 320+00.	- Maintain traffic on existing northbound US 93 mainline. - Maintain traffic on driveways by constructing driveways in two phases.



PHASE 2
1-2 LANES NB 1 LANE SB
TYPICAL SECTION

Exst US 93 STA 325+00 to 342+08



LEGEND

- Phase 2 Roadway Construction
- Phase 2 Temporary Pavement
- ← X — Traffic Flow Arrow & Number of Travel Lanes

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES
TRAFFIC CONTROL SEQUENCING
PHASE 2
SHEET 2 OF 2

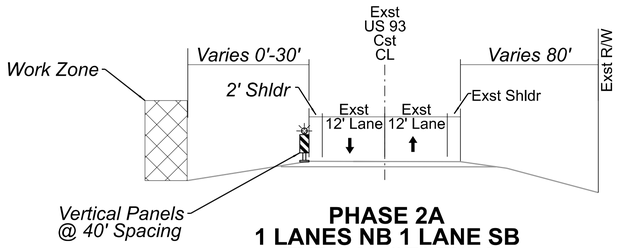
ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 190	093-B-NFA	294	524	

LOCATION VISTA ROYALE
DWG No. T-1.10
TRACS NO. F0738 01C
____ OF ____

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PHASE 2A

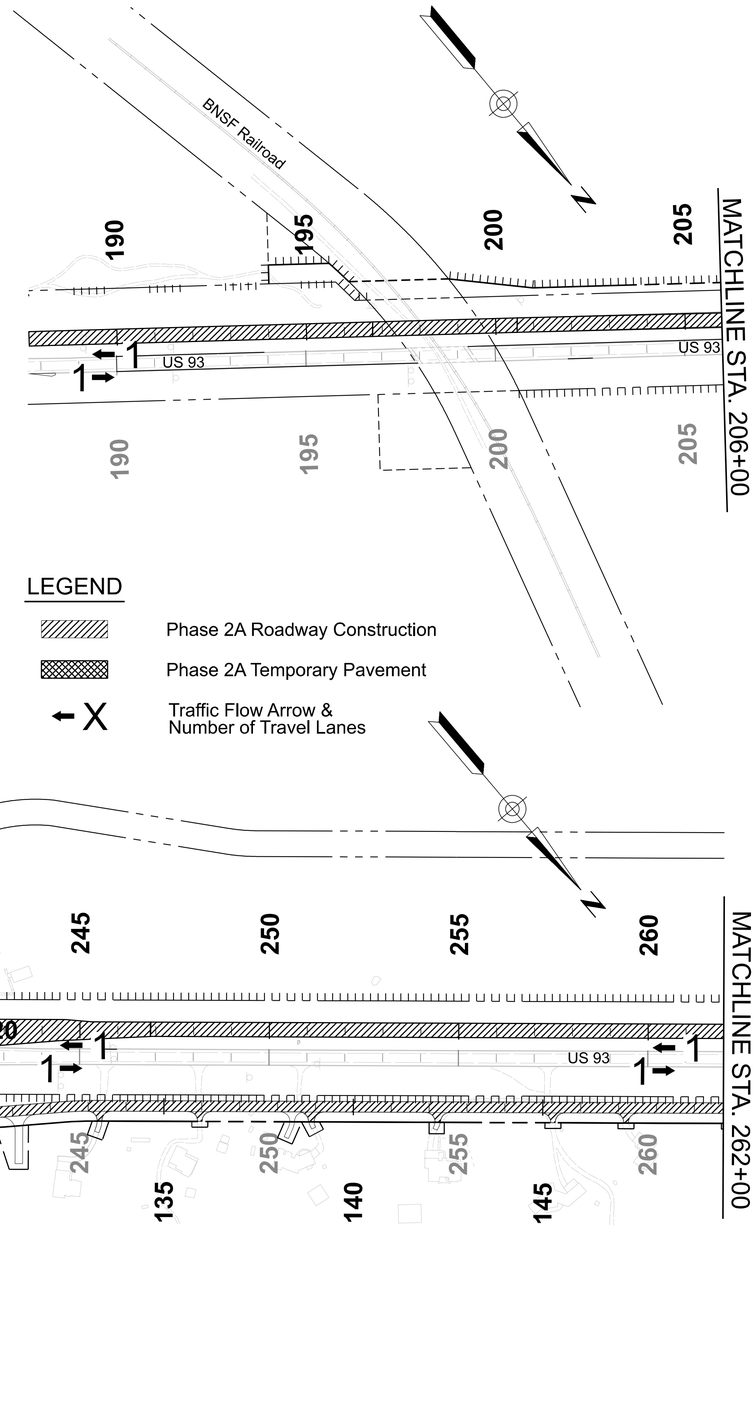


PHASE 2A
1 LANES NB 1 LANE SB
TYPICAL SECTION

Exst US 93 STA 211+43 to 220+60
Exst US 93 STA 228+12 to 233+59
Exst US 93 STA 245+80 to 267+15
Exst US 93 STA 276+54 to 325+00

Phase 2A

CONSTRUCTION ACTIVITY	MAINTENANCE OF TRAFFIC
- Construct second portion of Moreton Rd roundabout	- Maintain traffic on existing northbound US 93 mainline.



LEGEND

- Phase 2A Roadway Construction
- Phase 2A Temporary Pavement
- ←X Traffic Flow Arrow & Number of Travel Lanes

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

Registered Professional Engineer — CRAIG J. RICKETTS, JR. — 64542 — Civil — CERTIFICATE — Date Signed — ARIZONA, U.S.A.

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PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES
TRAFFIC CONTROL SEQUENCING
PHASE 2A
SHEET 1 OF 2

ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 190	093-B-NFA	295	524	

LOCATION VISTA ROYALE

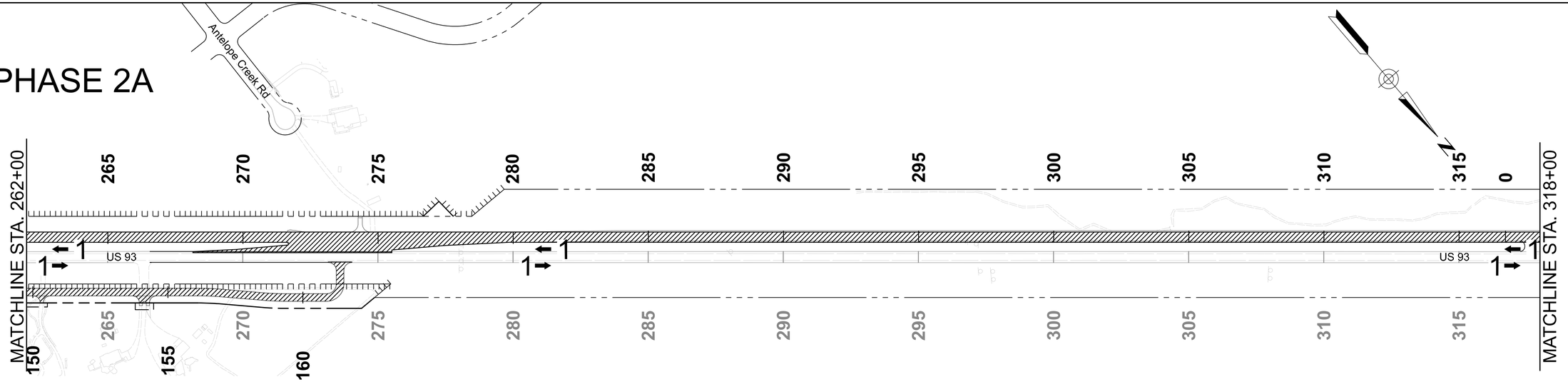
TRACS NO. F0738 01C

DWG No. T-1.11

____ OF ____

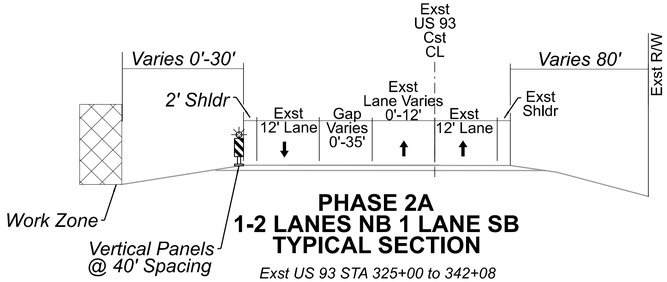
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PHASE 2A

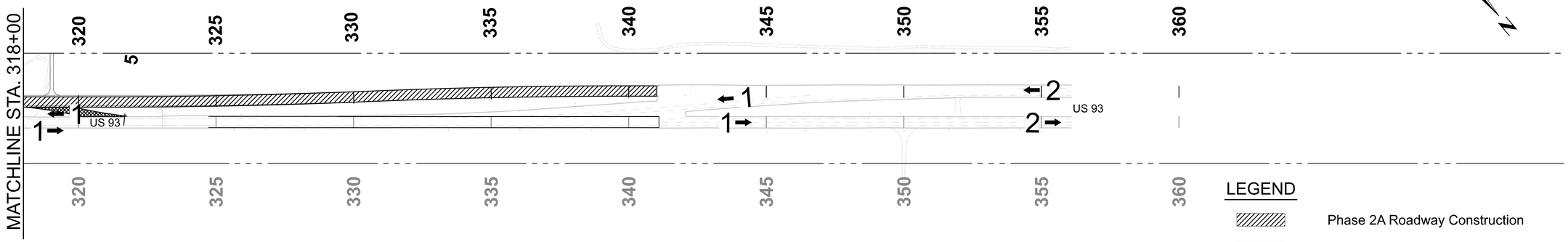


Phase 2A

CONSTRUCTION ACTIVITY	MAINTENANCE OF TRAFFIC
- Construct proposed southbound US 93 mainline from Sta 190+00 to Sta 340+110. - Construct proposed residential driveways. - Construct proposed frontage road. - Construct temporary pavement for US 93 mainline crossover.	- Maintain traffic on existing northbound US 93 mainline. - Maintain traffic on driveways by constructing driveways in two phases.



PHASE 2A
1-2 LANES NB 1 LANE SB
TYPICAL SECTION
Exst US 93 STA 325+00 to 342+08



LEGEND

- Phase 2A Roadway Construction
- Phase 2A Temporary Pavement
- ← X — Traffic Flow Arrow & Number of Travel Lanes

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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Registered Professional Engineer Certificate 64542 CRAIG J. RICKETTS, JR. Date Signed 06/30/26 ARIZONA, U.S.A.

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES
TRAFFIC CONTROL SEQUENCING
PHASE 2A
SHEET 2 OF 2

ROUTE: US 93
MILEPOST: 190.5
STRUCTURE NO.

F.H.W.A. Arizona Division

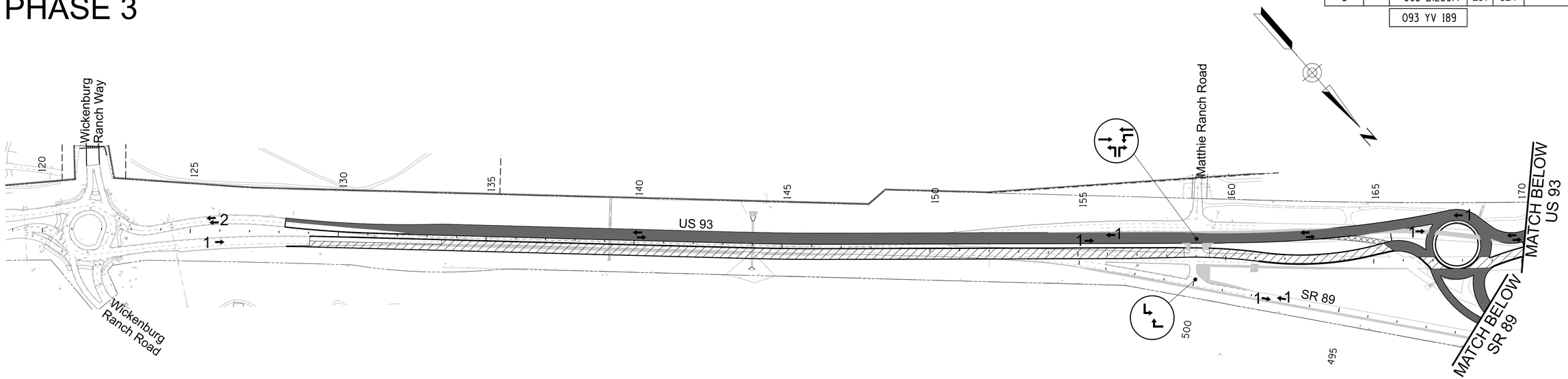
STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 190	093-B-NFA	296	524	

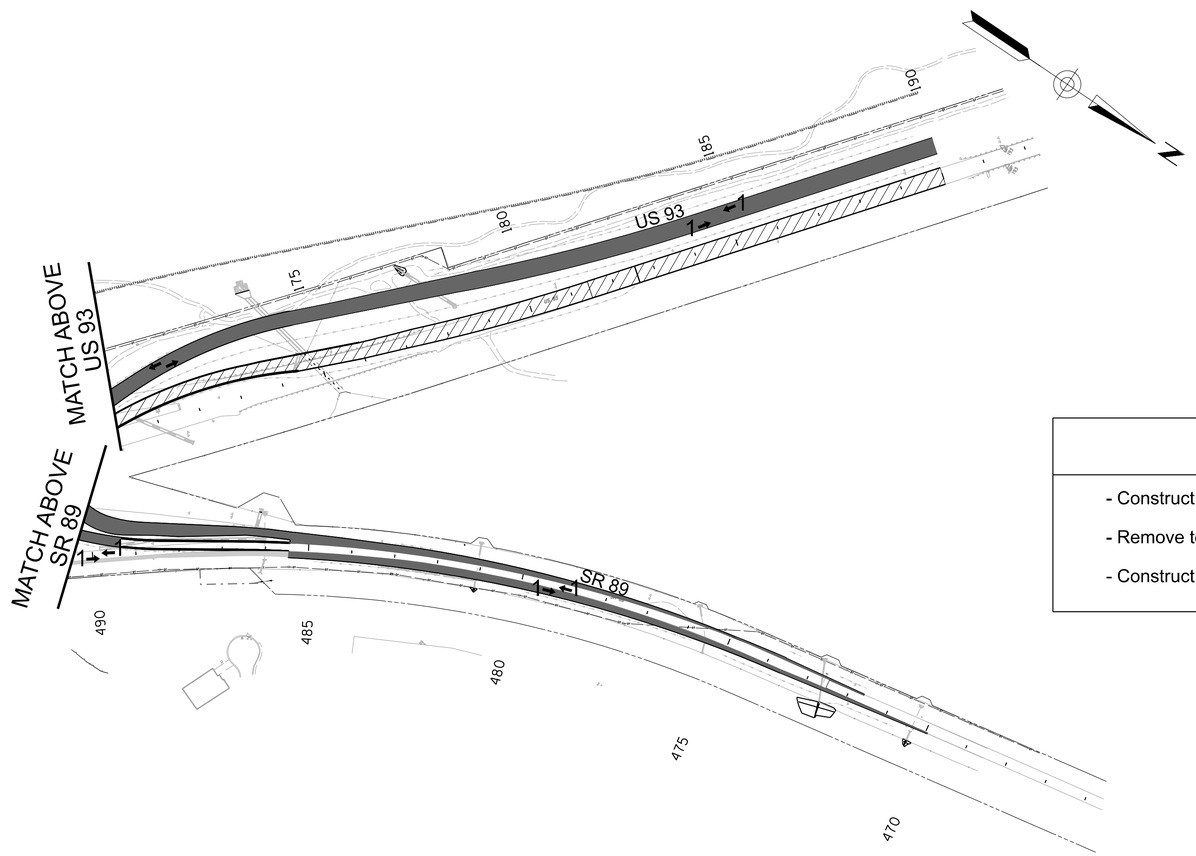
LOCATION: VISTA ROYALE
DWG No. T-1.12
TRACS NO. F0738 01C
____ OF ____

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	297	524	
		093 YV 189			

PHASE 3





LEGEND

- = Previously Constructed
- = Temporary Pavement
- = Phase 3 Roadway Construction
- = Phase 3 Temporary Pavement
- ←X = Traffic Flow Arrow & Number of Travel Lanes

PHASE 3

CONSTRUCTION ACTIVITY	MAINTENANCE OF TRAFFIC
- Construct NB US 93 and portion of roundabout. - Remove temporary paving no longer in use. - Construct culvert extensions.	Maintain one lane of traffic in each direction on newly constructed SB US 93 and Temporary Pavement per Dwg Nos. T-2.17 thru T-2.23. Detour SB SR 89 traffic onto NB SR 89 slip ramp. NB and SB SR 89 traffic to access US 93 via Matthie Ranch Road intersection.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93/SR 89
CONSTRUCTION SEQUENCING PLAN
PHASE 3

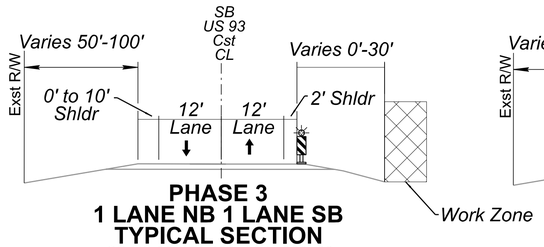
Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
STATE OF ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-1.13
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

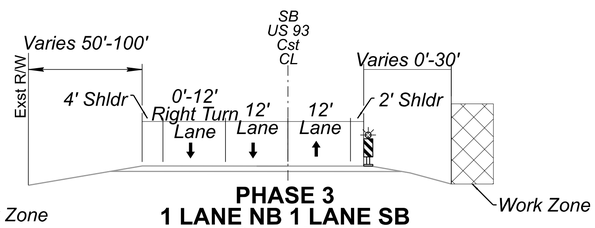
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PHASE 3



PHASE 3
1 LANE NB 1 LANE SB
TYPICAL SECTION

SB US 93 STA 190+00 to 220+22
SB US 93 STA 231+00 to 240+19
SB US 93 STA 245+31 to 273+97
SB US 93 STA 274+72 to 318+15

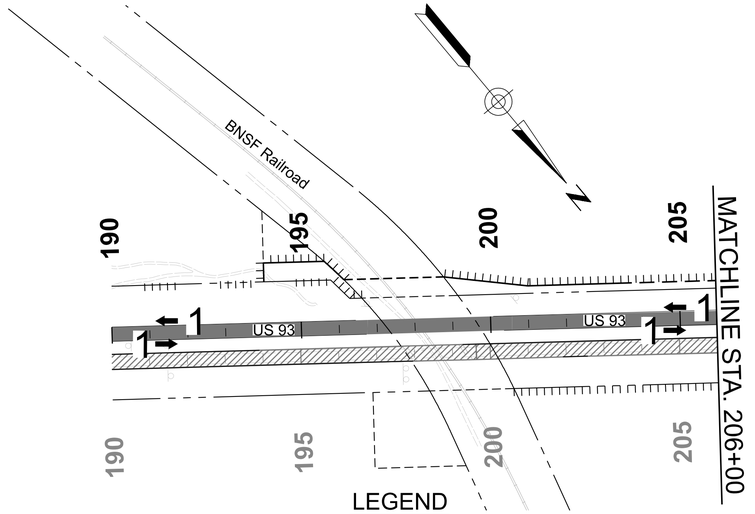


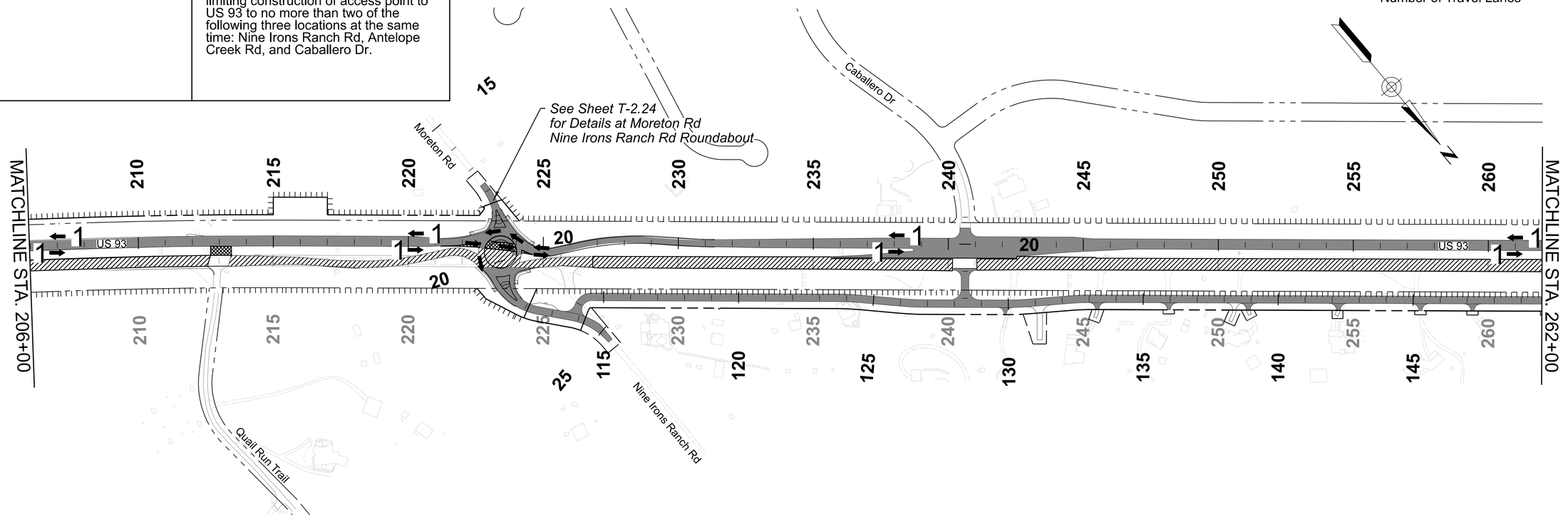
PHASE 3
1 LANE NB 1 LANE SB
TYPICAL SECTION

SB US 93 STA 241+11 to 345+31

Phase 3

CONSTRUCTION ACTIVITY	MAINTENANCE OF TRAFFIC
- Construct new pavement on existing US 93 mainline including final pavement surface. - Construct proposed northbound US 93 mainline bridge improvements.	- Shift traffic onto constructed proposed SB US 93 using temporary crossovers. - Maintain access through Quail Run Trail. - Maintain access to Frontage Road by limiting construction of access point to US 93 to no more than two of the following three locations at the same time: Nine Irons Ranch Rd, Antelope Creek Rd, and Caballero Dr.





	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

Registered Professional Engineer
CERTIFICATE
64542
CRAIG J.
RICKETTS, JR.
Date Signed 06/26/26
ARIZONA, U.S.A.

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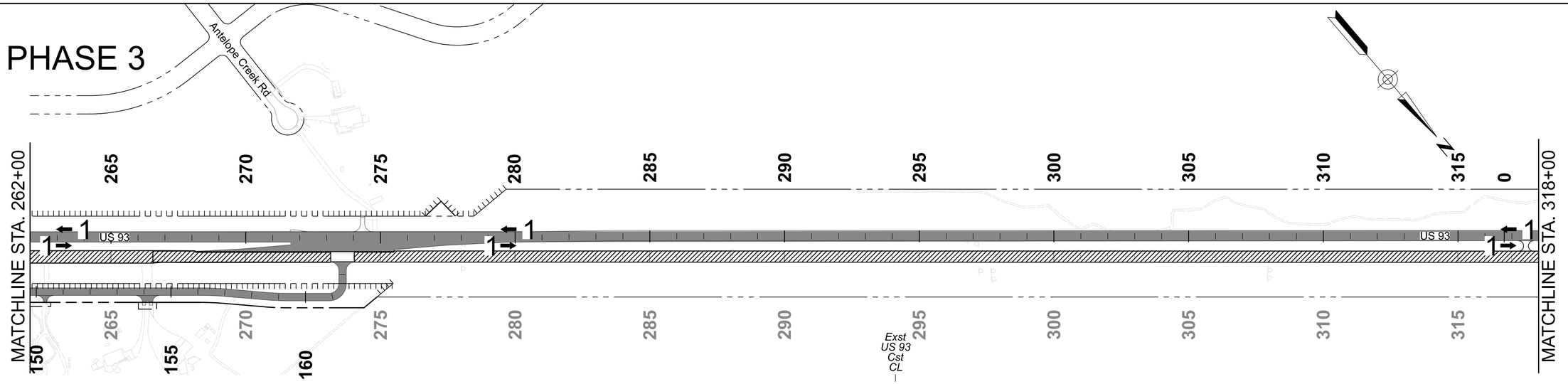
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PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES
TRAFFIC CONTROL SEQUENCING
PHASE 3
SHEET 1 OF 2

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 190	093-B-NFA	298	524	
MILEPOST 190.5	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION VISTA ROYALE				DWG No.	T-1.14
	TRACS NO. F0738 01C				____ OF ____	

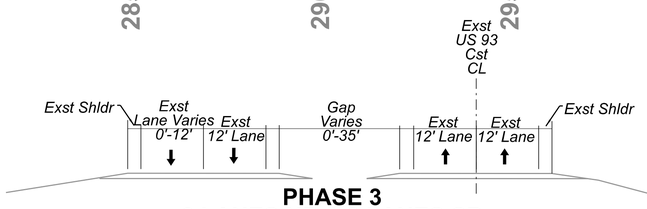
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PHASE 3

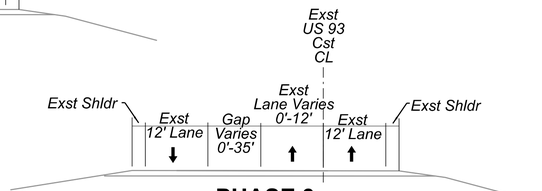


PHASE 3

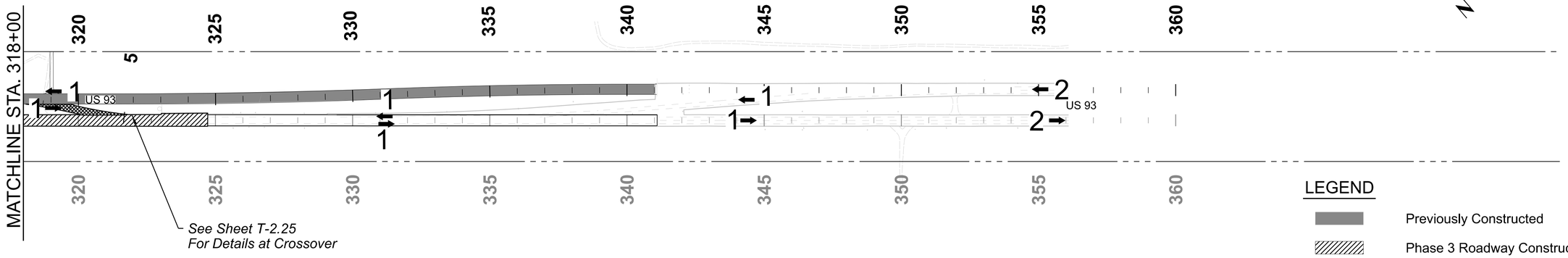
CONSTRUCTION ACTIVITY	MAINTENANCE OF TRAFFIC
- Construct new pavement on existing US 93 mainline including final pavement surface.	- Maintain access to Frontage Road by limiting construction of access points to US 93 to no more than two of the following three locations at the same time: Nine Irons Ranch Rd, Antelope Creek Rd, and Caballero Dr.



PHASE 3
2 LANES NB 1-2 LANES SB
TYPICAL SECTION
Exst US 93 STA 342+08 to 352+62



PHASE 3
1-2 LANES NB 1 LANE SB
TYPICAL SECTION
Exst US 93 STA 325+00 to 342+08



LEGEND

- Previously Constructed
- Phase 3 Roadway Construction
- Phase 3 Temporary Pavement
- X — Traffic Flow Arrow & Number of Travel Lanes

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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Registered Professional Engineer — CERTIFICATE — 56542 — CRAIG J. RICKETTS, JR. — Date Signed — ARIZONA, U.S.A.

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES
TRAFFIC CONTROL SEQUENCING
PHASE 3
SHEET 2 OF 2

ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

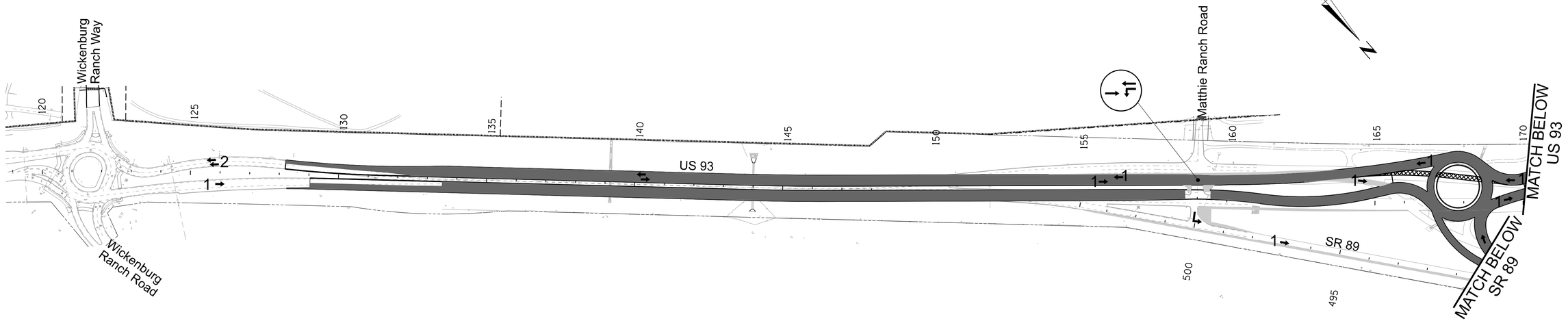
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 190	093-B-NFA	299	524	

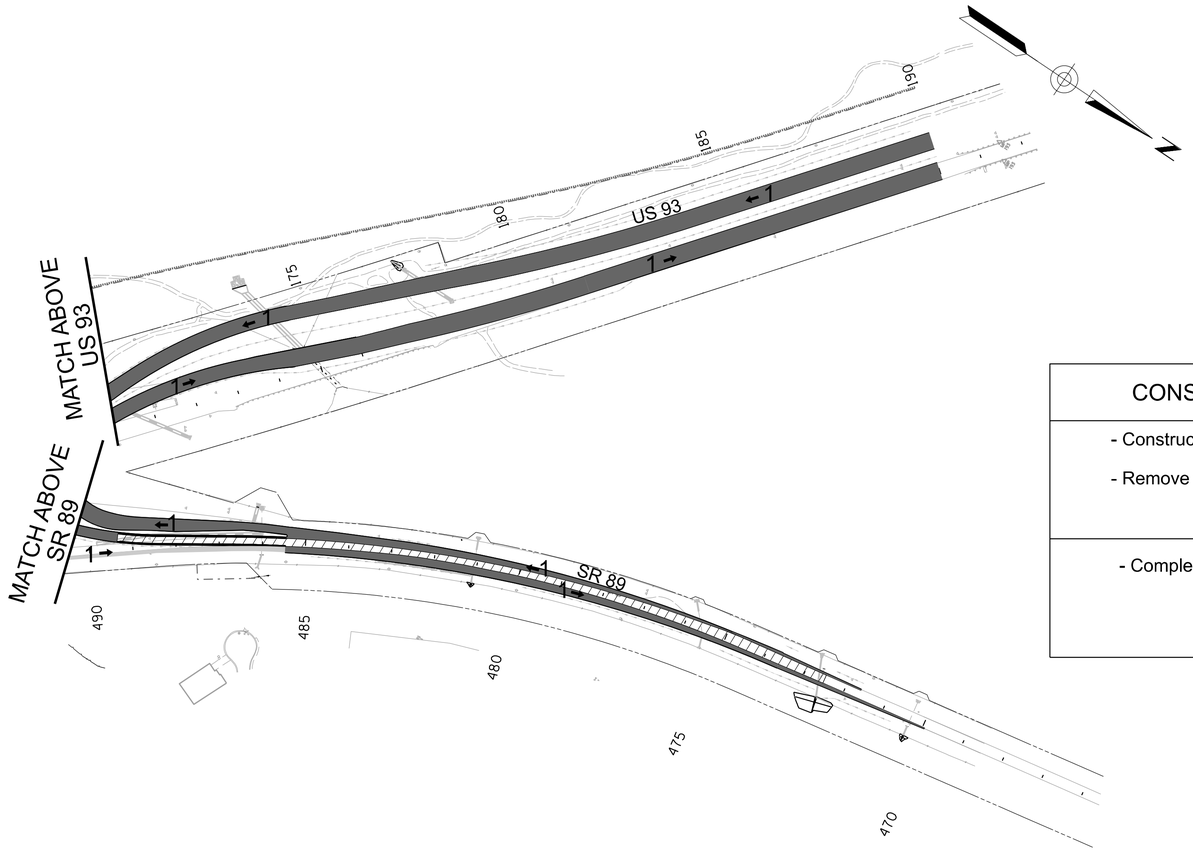
LOCATION: VISTA ROYALE
DWG No. T-1.15
TRACS NO. F0738 01C
____ OF ____

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	300	524	
		093 YV 189			

PHASE 4A





LEGEND

- = Previously Constructed
- = Temporary Pavement
- = Phase 4A Roadway Construction
- = Temporary Pavement Removal
- ←X = Traffic Flow Arrow & Number of Travel Lanes

PHASE 4A

CONSTRUCTION ACTIVITY	MAINTENANCE OF TRAFFIC
- Construct portion of US 93 NB. - Remove temporary paving no longer in use.	Maintain traffic per Dwg. Nos. T-2.26 thru T-2.32. Open roundabout and maintain one lane. South of roundabout maintain one lane of traffic in each direction on newly constructed SB US 93 and Temporary Pavement. North of roundabout maintain one lane in each direction on newly constructed NB and SB US 93.
- Complete improvements on SR 89	NB SR 89 traffic continue to use slip ramp to access US 93 at Matthie Ranch Road intersection. SB SR 89 traffic to utilize newly constructed SB SR 89 to access US 93 via roundabout. Maintain access to SR 89 per MUTCD TA-10 during construction of tie-in point between Sta 470+00 and Sta 480+00.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93/SR 89
CONSTRUCTION SEQUENCING PLAN
PHASE 4A

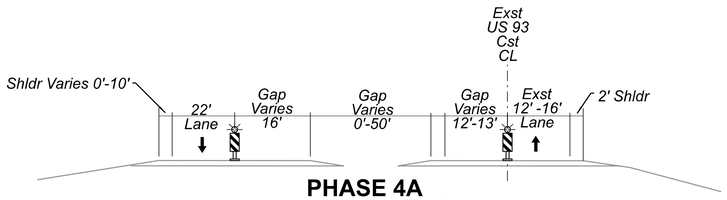
Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-1.16
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

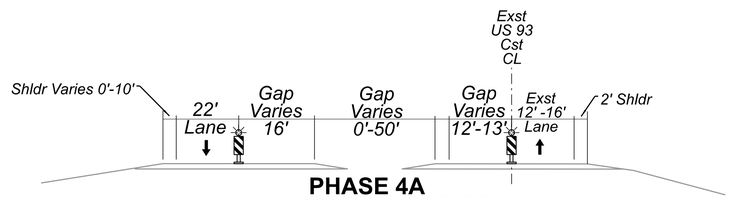
6/11/2026 ...\t0738A Conseq04A.dgn T-1.20

Phase 4A



PHASE 4A
1 LANE NB 1 LANE SB
TYPICAL SECTION

Exst US 93 STA 190+00 to 220+41

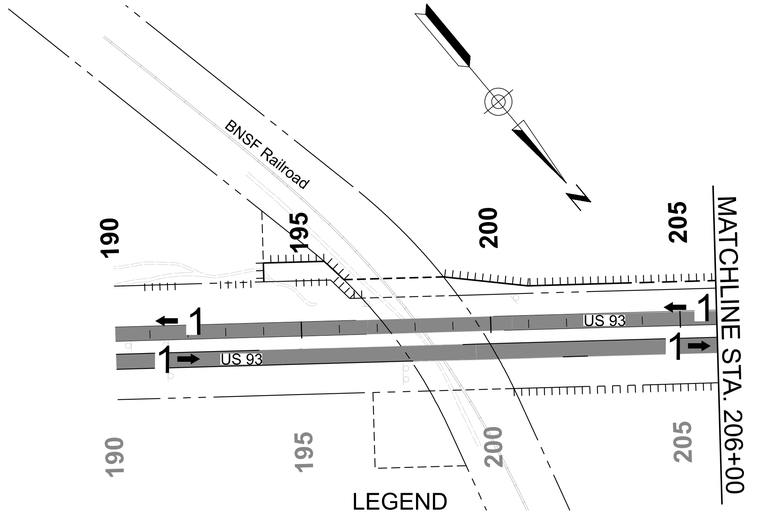


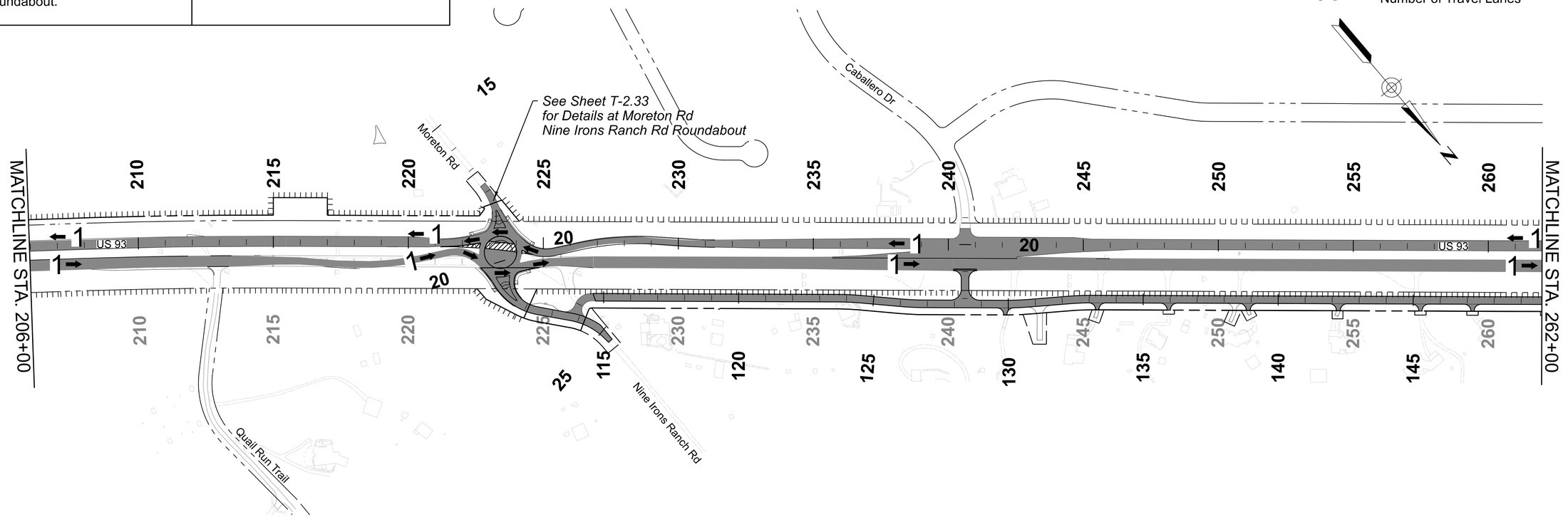
PHASE 4A
1 LANE NB 1 LANE SB
TYPICAL SECTION

Exst US 93 STA 225+67 to 240+19
Exst US 93 STA 241+06 to 273+17
Exst US 93 STA 274+04 to 352+62

Phase 4A

CONSTRUCTION ACTIVITY	MAINTENANCE OF TRAFFIC
'On US 93: - Remove temporary pavement no longer in use. - Construct final portion of Moreton Rd roundabout.	- Maintain one lane of traffic on each northbound and southbound proposed US 93 travel lanes.





	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

Registered Professional Engineer
CERTIFICATE
64542
CRAIG J.
RICKETTS, JR.
Date Signed 06/26/26
ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100

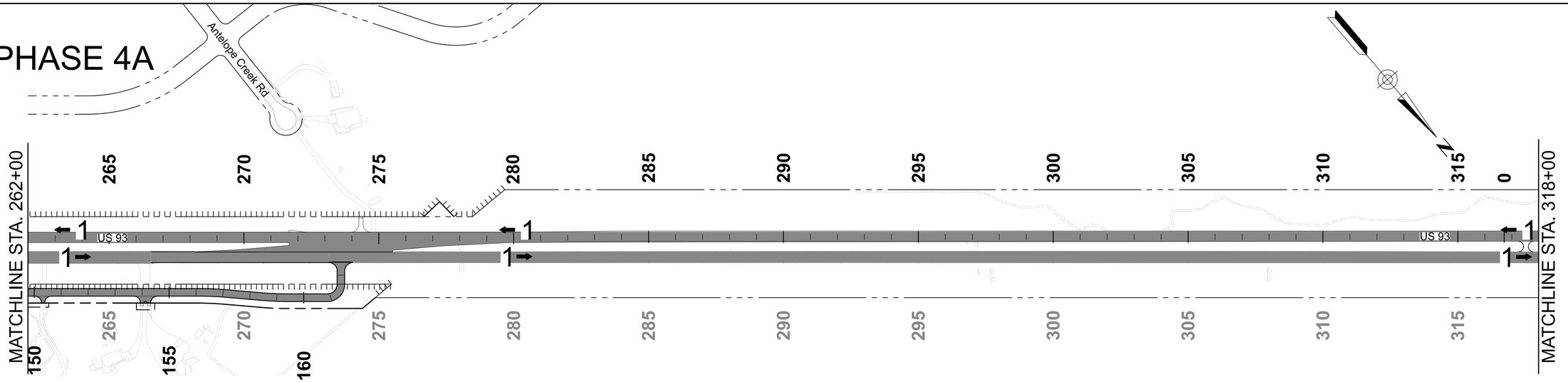
AECOM
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES
TRAFFIC CONTROL SEQUENCING
PHASE 4A
SHEET 1 OF 2

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 190	093-B-NFA	301	524	
MILEPOST 190.5	LOCATION VISTA ROYALE					DWG No.	T-1.17
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

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PHASE 4A

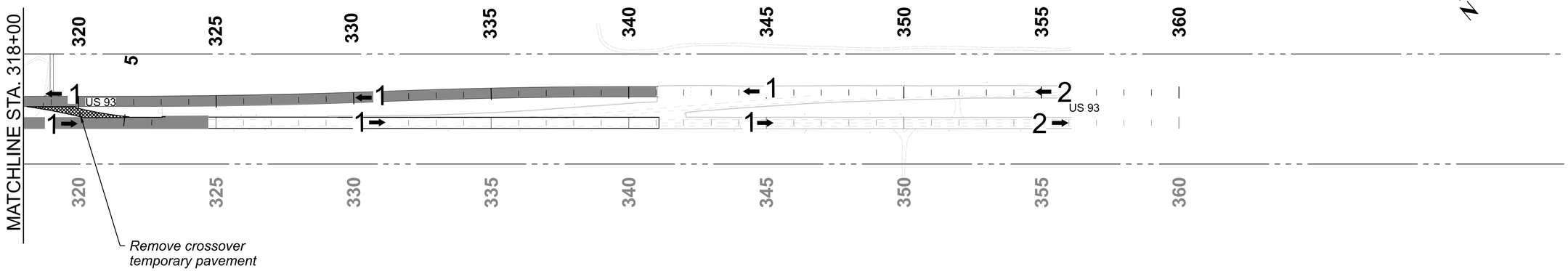


Phase 4A

CONSTRUCTION ACTIVITY	MAINTENANCE OF TRAFFIC
- Remove crossover temporary pavement.	- Traffic use proposed pavement to maintain one lane in each direction of US 93.

LEGEND

- Previously Constructed
- Phase 4A Roadway Construction
- Phase 4A Temporary Pavement
- ← X — Traffic Flow Arrow & Number of Travel Lanes



	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

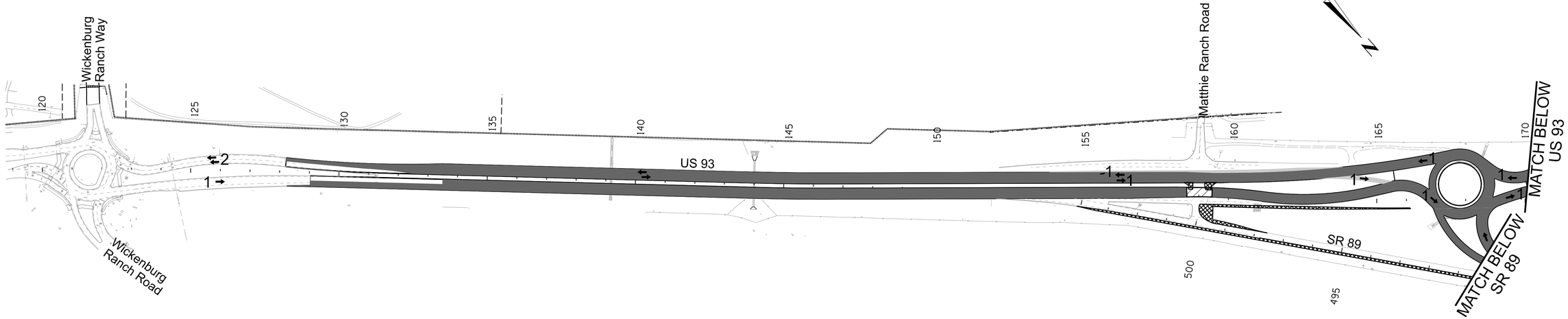
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES
TRAFFIC CONTROL SEQUENCING
PHASE 4A
SHEET 2 OF 2

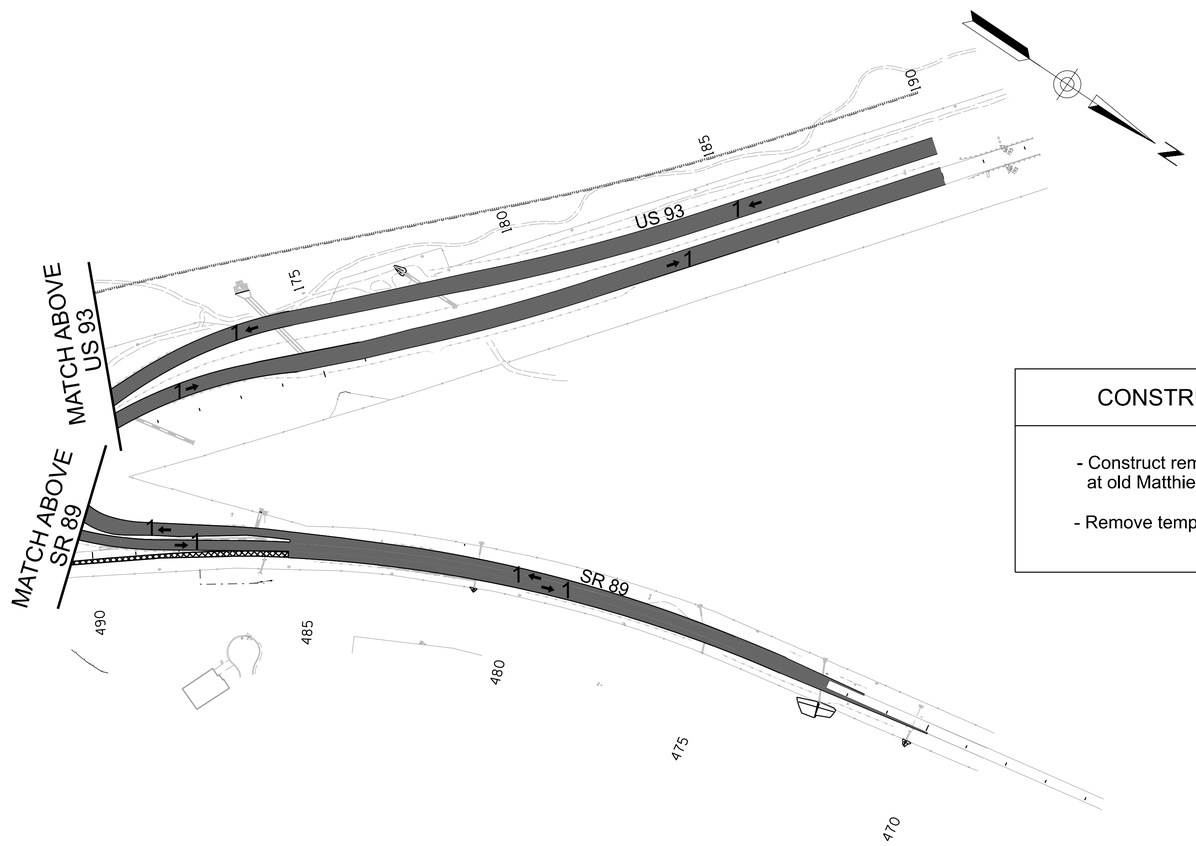
ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 190	093-B-NFA	302	524	
MILEPOST 190.5	LOCATION VISTA ROYALE					DWG No.	T-1.18
STRUCTURE NO.	TRACS NO. F0738 01C					____ OF ____	

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	303	524	
		093 YV 189			

PHASE 4B





LEGEND

- = Previously Constructed
- = Temporary Pavement
- = Phase 4B Roadway Construction
- = Temporary Pavement Removal
- ←X = Traffic Flow Arrow & Number of Travel Lanes

PHASE 4B

CONSTRUCTION ACTIVITY	MAINTENANCE OF TRAFFIC
- Construct remaining portion of NB US 93 at old Matthie Ranch Road intersection. - Remove temporary paving no longer in use.	Maintain traffic per Dwg. Nos. T-2.34 thru T-2.36. Open roundabout and maintain one lane. South of roundabout maintain one lane of traffic in each direction on newly constructed SB US 93 and Temporary Pavement. North of roundabout maintain one lane in each direction on newly constructed NB and SB US 93. NB and SB SR 89 traffic utilize newly constructed SR 89 to access US 93 via roundabout.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC. — 3133 East Camelback Road, Suite 100, Phoenix, Arizona 85016, Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93/SR 89
CONSTRUCTION SEQUENCING PLAN
PHASE 4B

Registered Professional Engineer (Civil) — Certificate No. 51481 — BRIANNE MARIE TURPIN — Date Signed — ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	T-1.19

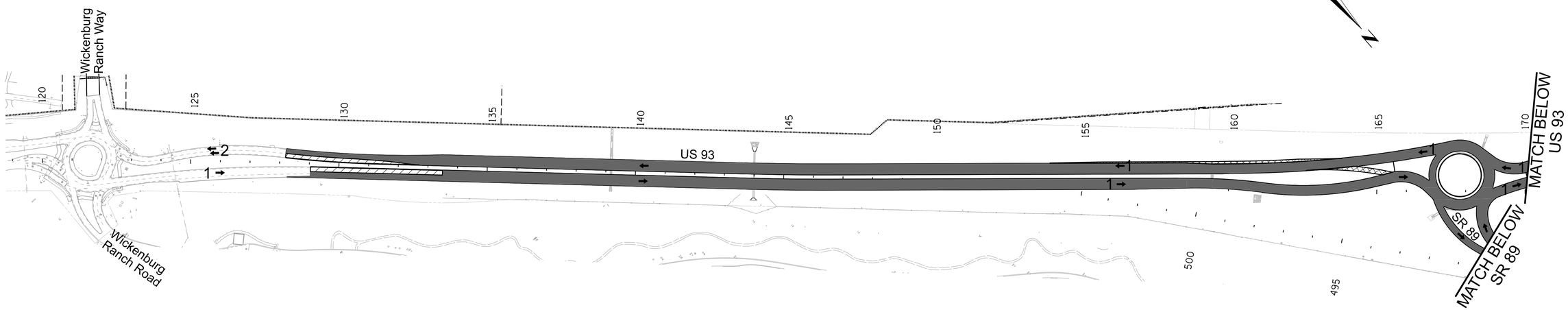
TRACS NO. F0738 01C | 093-B(230)T | ___ OF ___

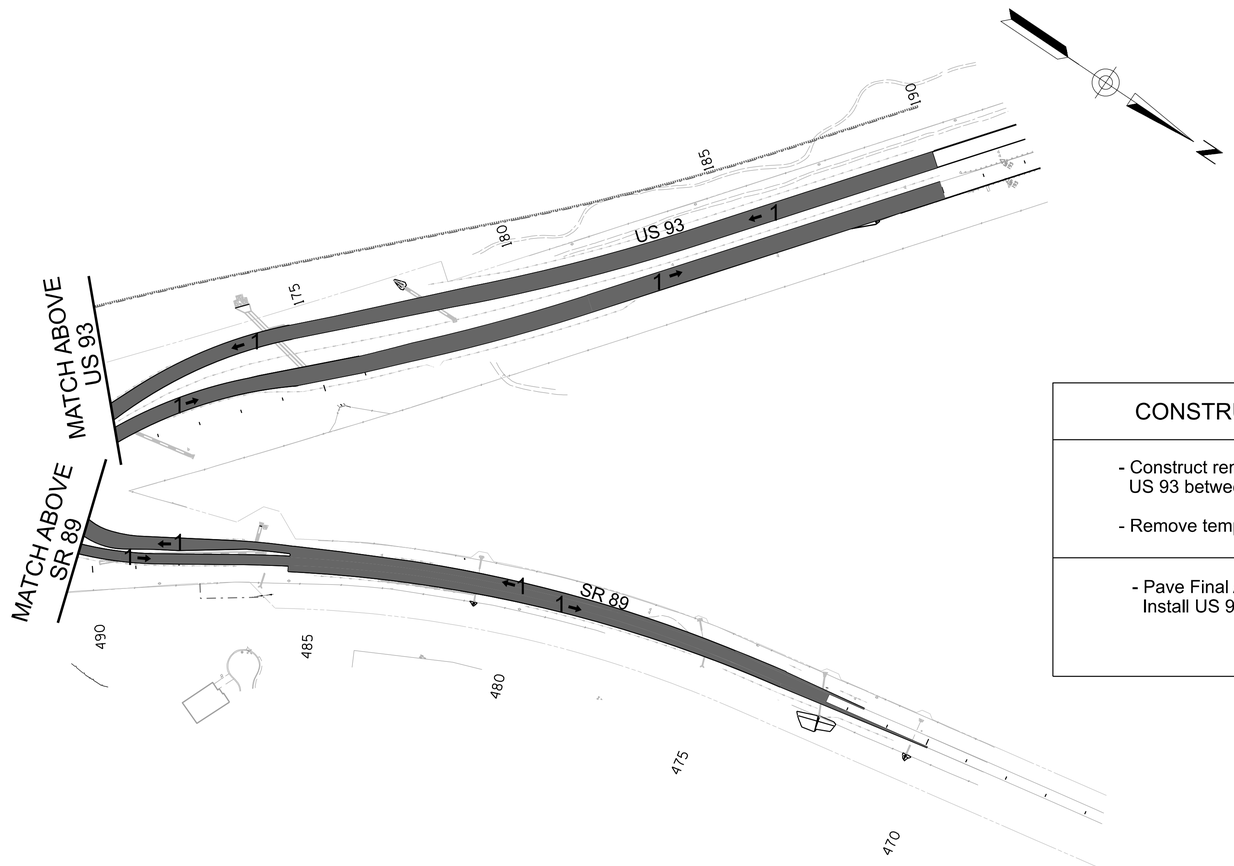
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SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	304	524	
		093 YV 189			

PHASE 5





LEGEND

- = Previously Constructed
- = Temporary Pavement
- = Phase 5 Roadway Construction
- = Temporary Pavement Removal
- ←X = Traffic Flow Arrow & Number of Travel Lanes

PHASE 5

CONSTRUCTION ACTIVITY	MAINTENANCE OF TRAFFIC
- Construct remaining portion of NB and SB US 93 between Sta. 128+22 and Sta. 133+48. - Remove temporary paving no longer in use.	NB and SB US 93 traffic utilize newly constructed US 93 maintaining one lane in each direction per Dwg. Nos. T-2.37 thru T-2.43. NB and SB SR 89 traffic utilize newly constructed SR 89 to access US 93 via roundabout.
- Pave Final AC lift (SMA). Install US 93 ATR Loops.	Install final AC lift per MUTCD TA-10 and ADOT Traffic Control Guidelines SA-5.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93/SR 89
CONSTRUCTION SEQUENCING PLAN
PHASE 5

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
Date Signed 6/11/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-1.20
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\MOT\t0738A Conseq05.dgn T-1.22

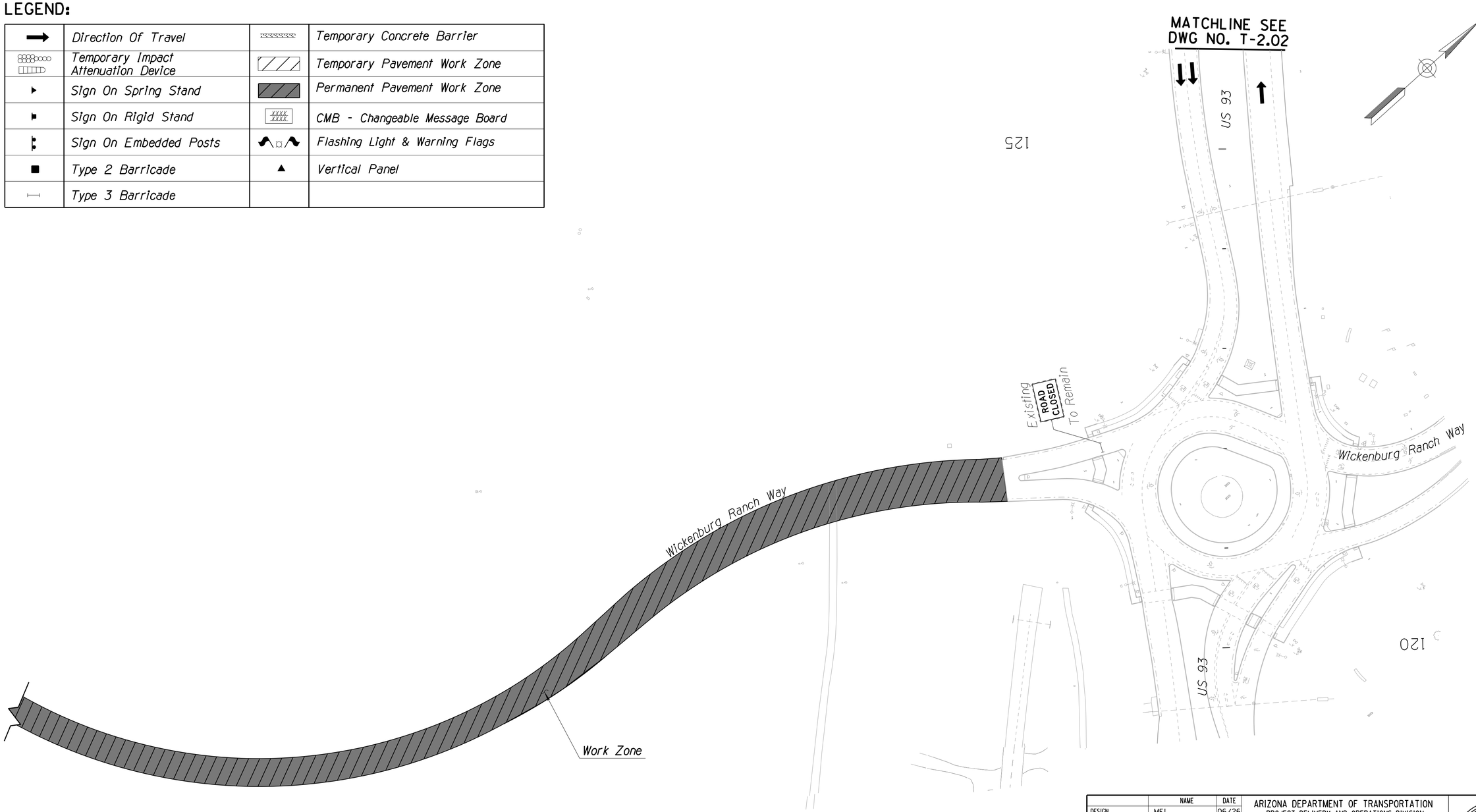
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	305	524	
		093 YV 189			

PHASE 1

LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
⚑	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
⁞	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		



	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
PHASE 1 TRAFFIC CONTROL
WICKENBURG RANCH WAY

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
Date Signed 6/11/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C		093-B(230)T

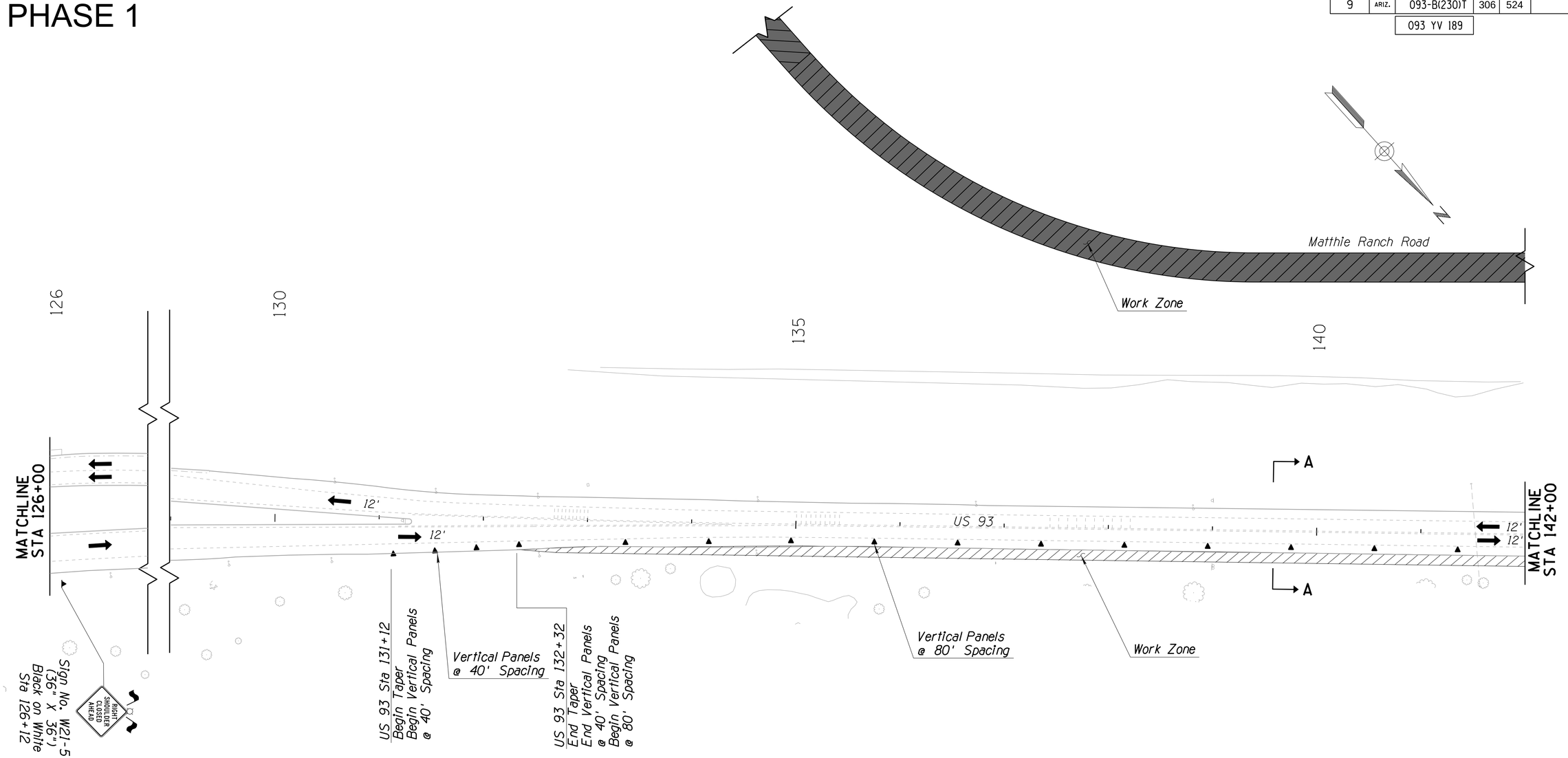
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____ OF ____

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE | SURVEY NO. | DATE

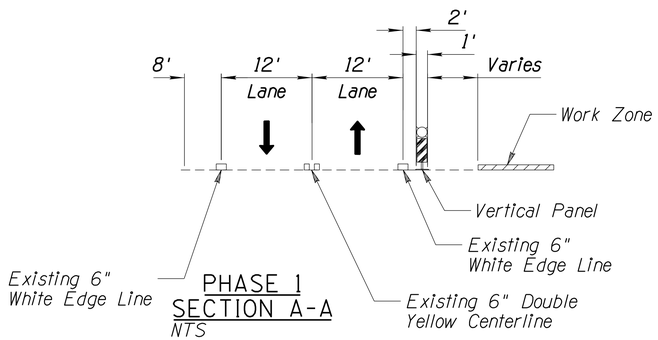
PHASE 1

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	306	524	
		093 YV 189			



LEGEND:

→	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▸	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
▸	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		



PHASE 1
SECTION A-A
NTS

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
PHASE 1 TRAFFIC CONTROL
STA 126+00 TO STA 142+00

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C | 093-B(230)T

Registered Professional Engineer (Civil) CERTIFICATE NO. 51481 BRIANNE MARIE TURPIN STATE OF ARIZONA, U.S.A.

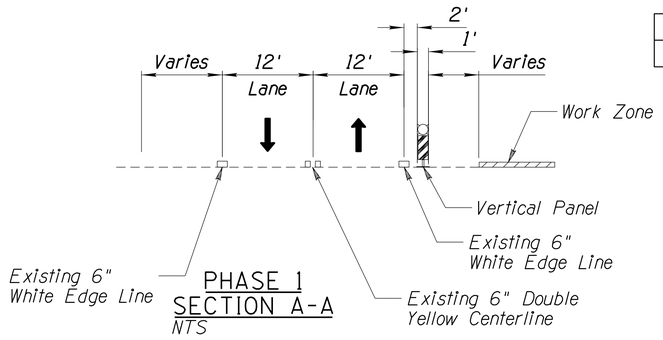
DWG NO. T-2.02

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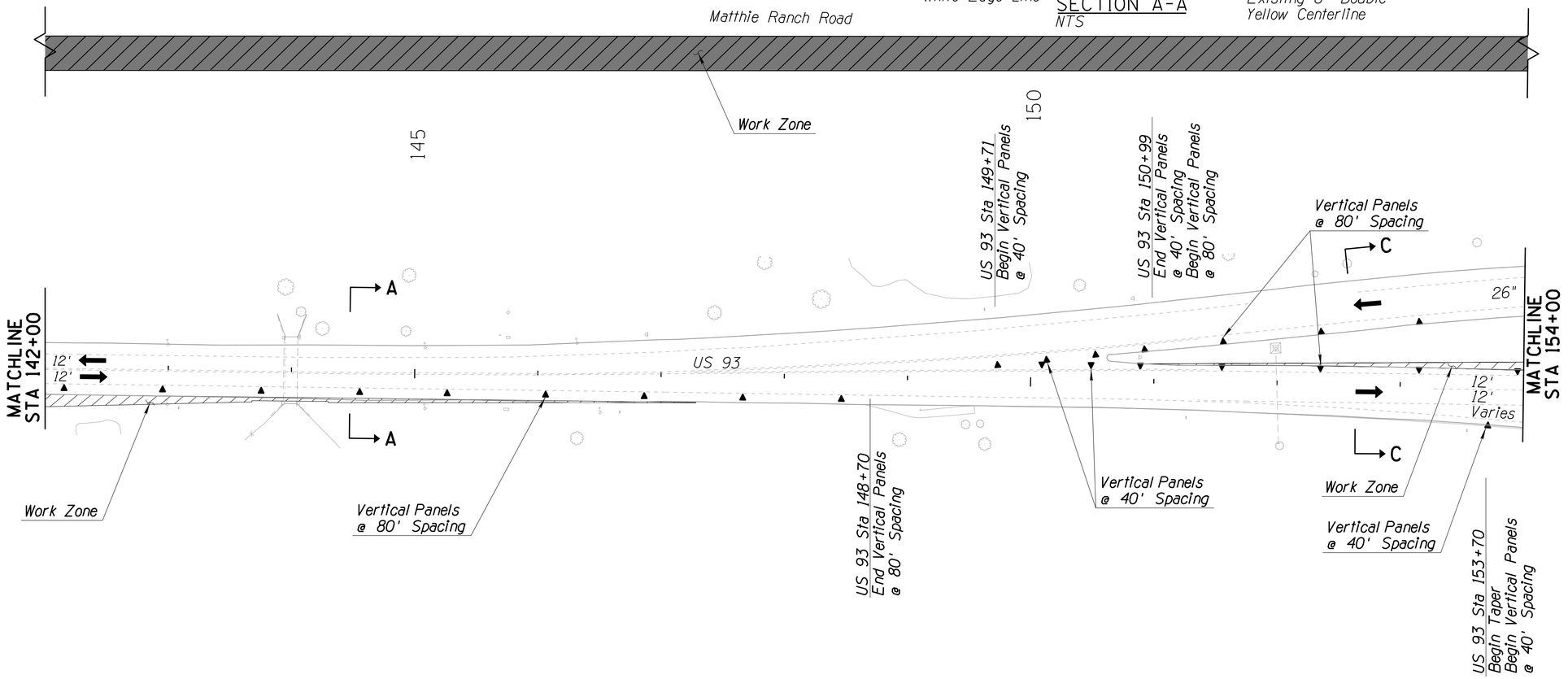
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

PHASE 1

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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		093 YV 189			

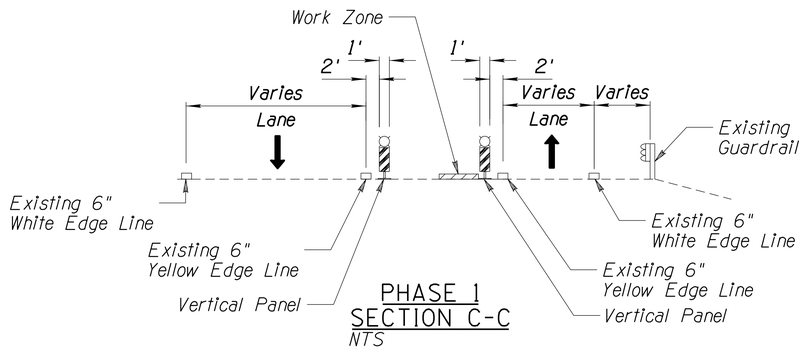


PHASE 1
SECTION A-A
NTS



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▸	Sign On Rigid Stand		CMB - Changeable Message Board
⋮	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		



PHASE 1
SECTION C-C
NTS

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
PHASE 1 TRAFFIC CONTROL
STA 142+00 TO STA 154+00

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
(BRIANNE MARIE TURPIN)
STATE OF ARIZONA, U.S.A.

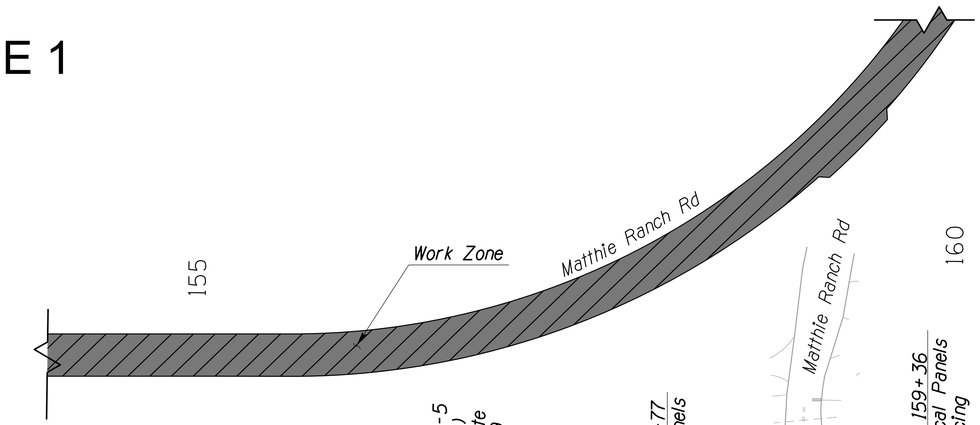
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US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. T-2.03
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

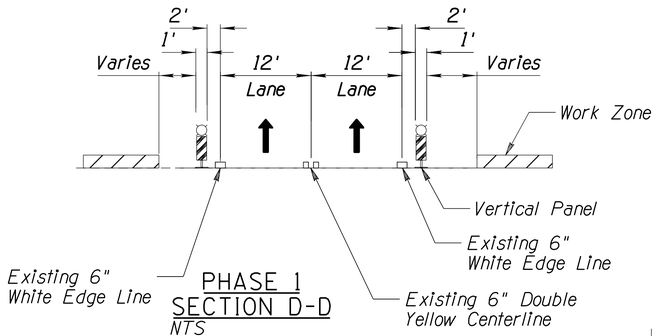
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DATE | LOCATION | REVISIONS | FINISHED PLANS | SURVEY NO. | DATE

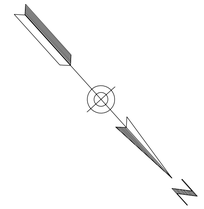
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9	ARIZ.	093-B(230)T	308	524	
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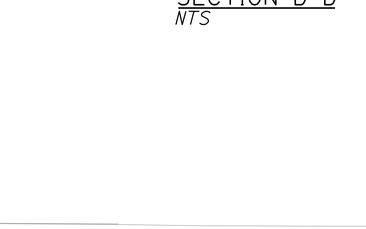
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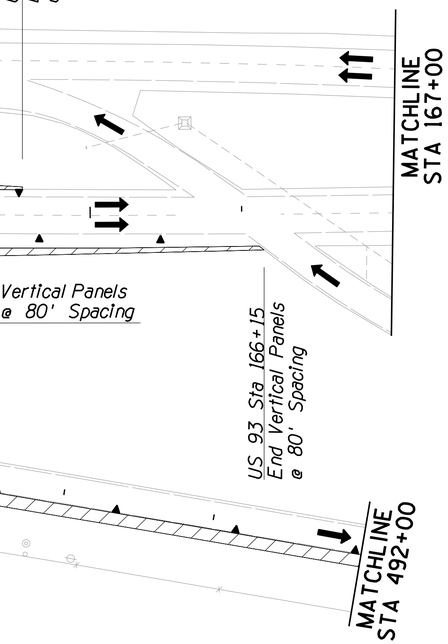


PHASE 1
SECTION D-D
NTS





PHASE 1
SECTION B-B
NTS



LEGEND:

→	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▪	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
⋮	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
PHASE 1 TRAFFIC CONTROL
STA 154+00 TO STA 167+00

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE
TURPIN
DATE SIGNED
ARIZONA, U.S.A.

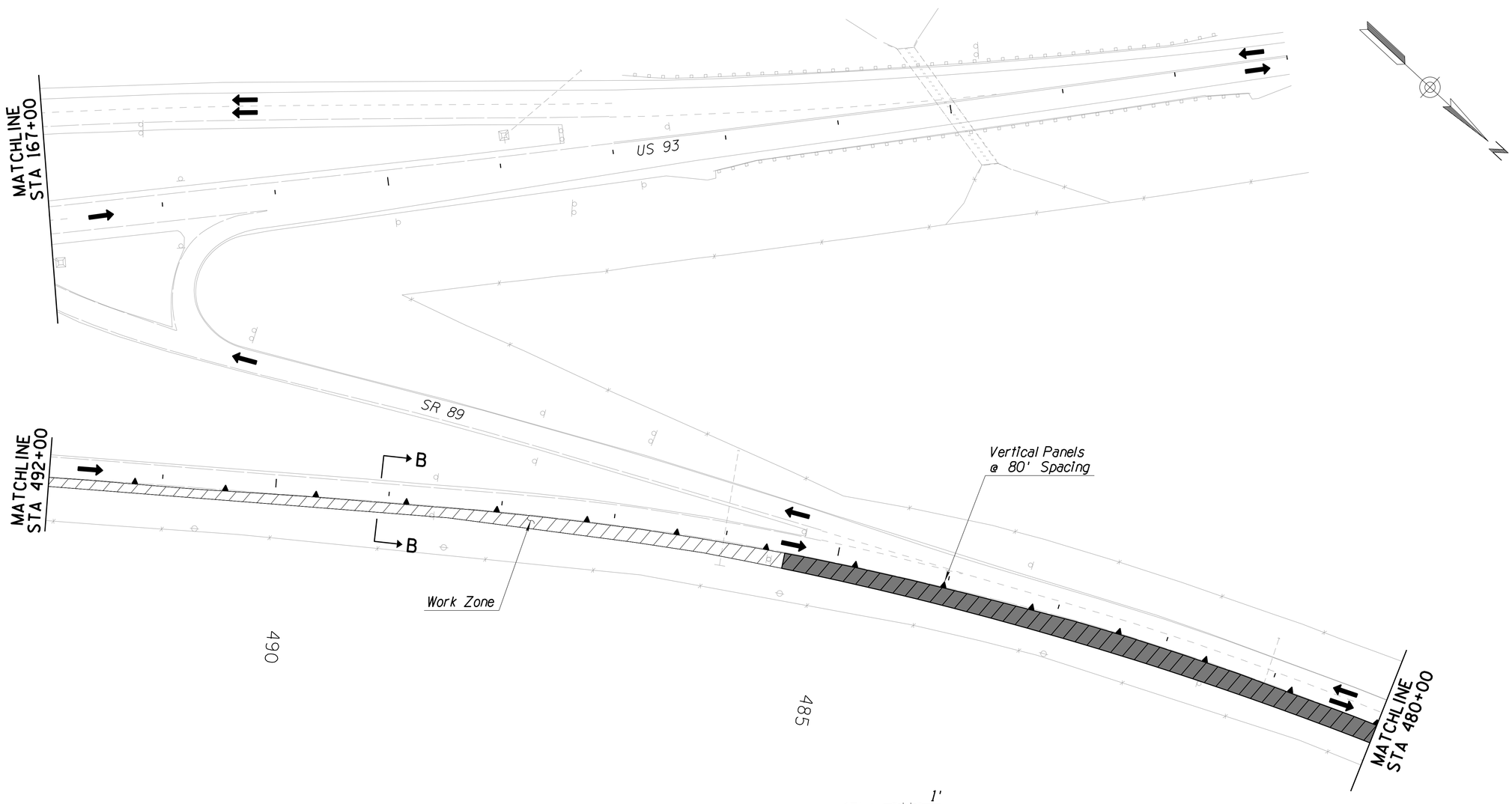
ROUTE	LOCATION	DWG NO. T-2.04
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A tc_Phs1_04.dgn T-2.09

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

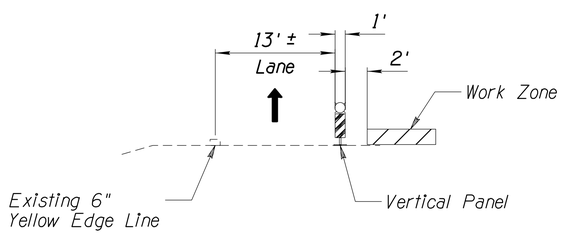
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	309	524	
		093 YV 189			

PHASE 1



LEGEND:

→	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▪	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		



PHASE 1
SECTION B-B
NTS

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 1 TRAFFIC CONTROL
STA 167+00 TO STA 178+00

Registered Professional Engineer Stamp
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. T-2.05

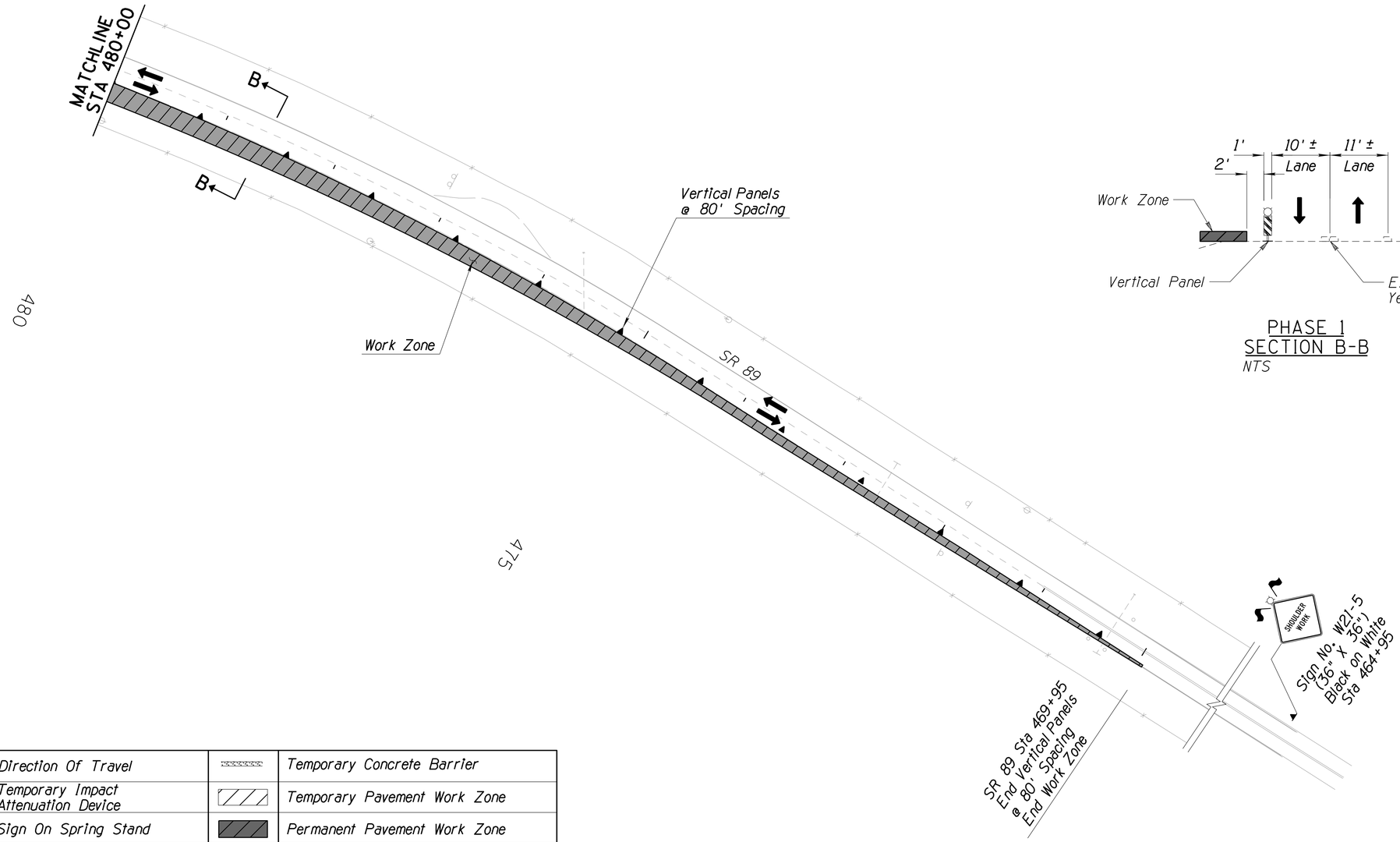
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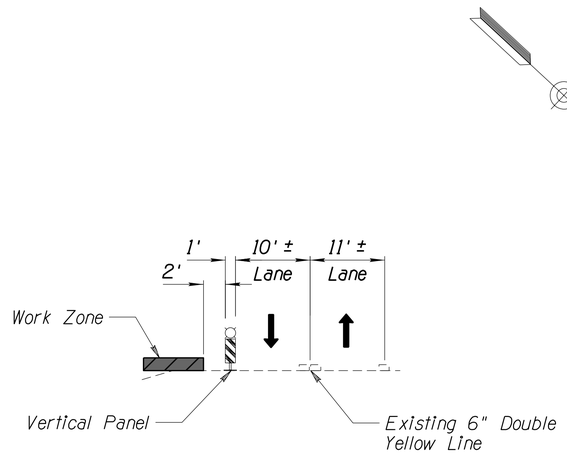
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

6/11/2026 ...\t0738A tc_Phs1_05.dgn T-2.10

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	310	524	
		093 YV 189			

PHASE 1





PHASE 1
SECTION B-B
NTS

LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▸	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
⋮	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 1 TRAFFIC CONTROL
STA 470+00 TO STA 480+00

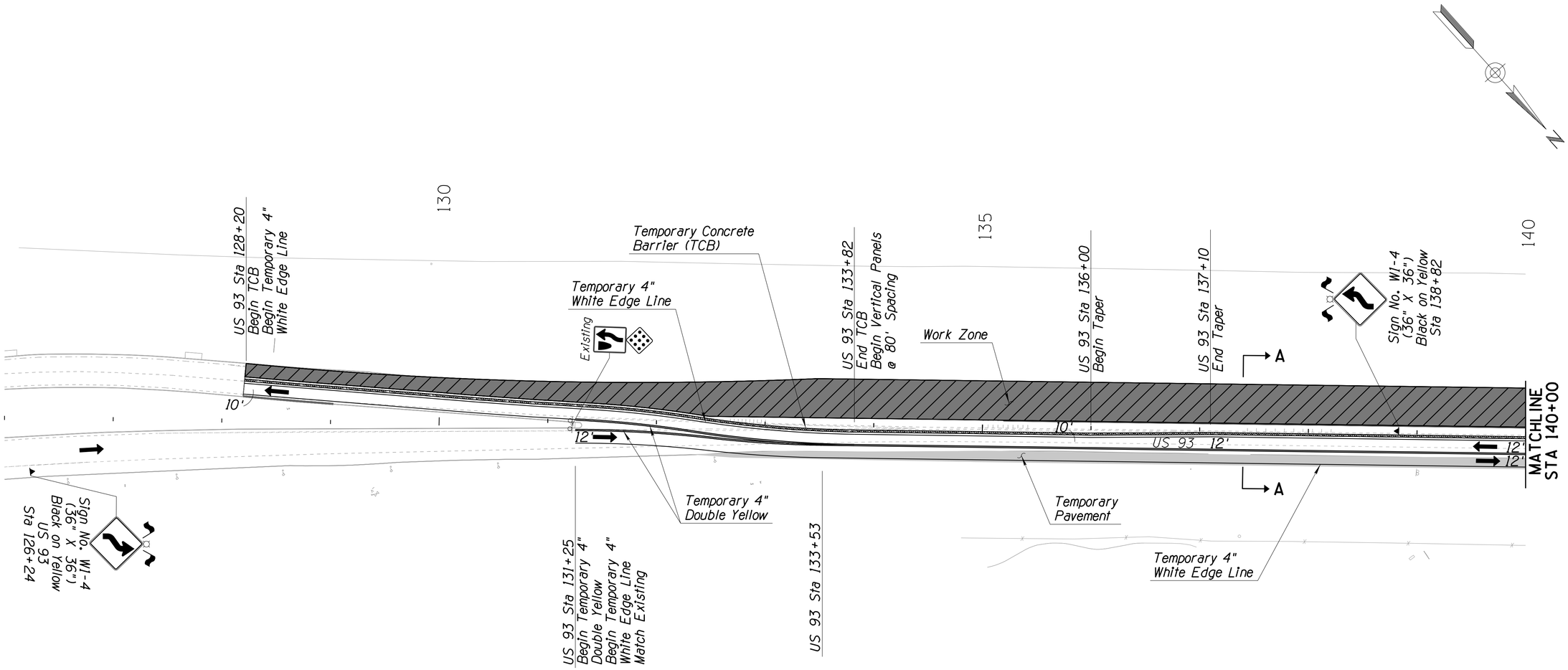
Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE
TURPIN
Date Signed 6/11/26
ARIZONA, USA

ROUTE	LOCATION	DWG NO. T-2.06
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

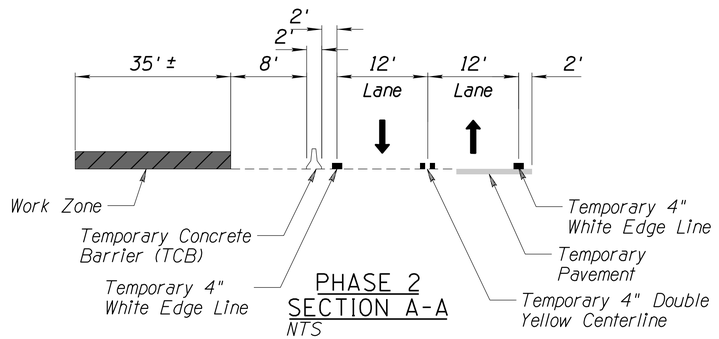
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	311	524	
		093 YV 189			

PHASE 2



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▪	Sign On Rigid Stand		CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
	Type 3 Barricade		Temporary Pavement Phase 1
			Constructed Pavement Phase 1



PHASE 2
SECTION A-A
NTS

NOTE:

1. Obliterate all existing pavement marking in conflict with Phase 2 temporary pavement marking on US 93 Sta 128+20 to Sta 180+32 and SR 89 Sta 503+92 to Sta 476+36.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 2 TRAFFIC CONTROL
STA 126+00 TO STA 140+00

Registered Professional Engineer Stamp
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
Date Signed 6/11/26
ARIZONA, U.S.A.

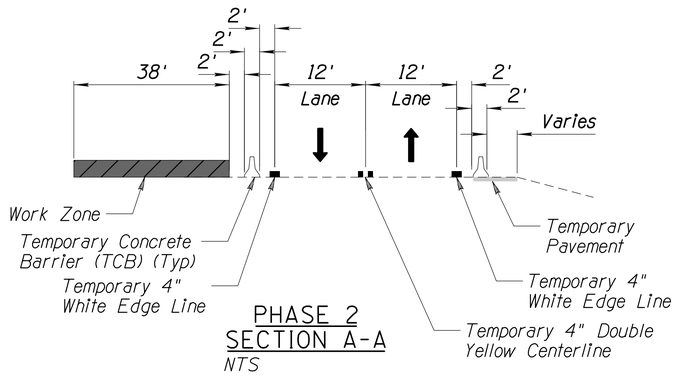
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US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A tc_Phs2_02.dgn T-2.12

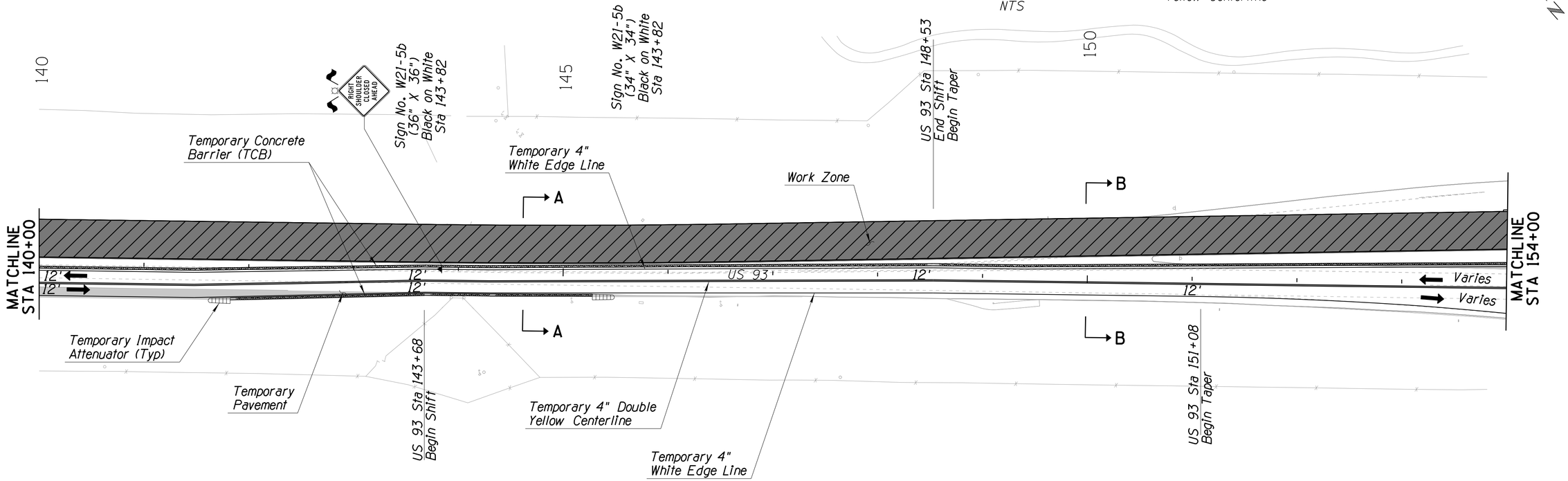
DATE: | LOCATION: | REVISIONS: | FINISHED PLANS: | SURVEY NO.
DATE:

PHASE 2

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	312	524	
		093 YV 189			

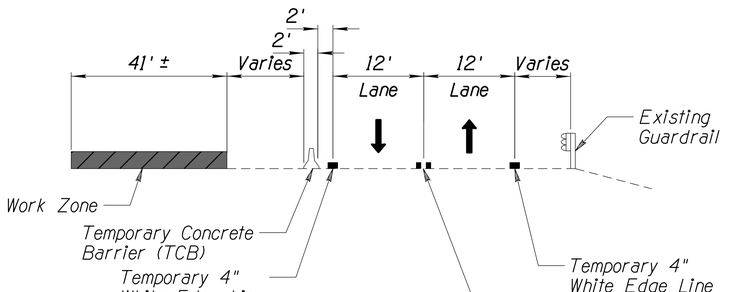


PHASE 2
SECTION A-A
NTS



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
⚑	Sign On Rigid Stand		CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
	Type 3 Barricade		Temporary Pavement Phase 1
			Constructed Pavement Phase 1



PHASE 2
SECTION B-B
NTS

NOTE:

1. Obliterate all existing pavement marking in conflict with Phase 2 temporary pavement marking on US 93 Sta 128+20 to Sta 180+32 and SR 89 Sta 503+92 to Sta 476+36.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 2 TRAFFIC CONTROL
STA 140+00 TO STA 154+00

Registered Professional Engineer Certificate No. 51481 BRIANNE MARIE TURPIN ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-2.08
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

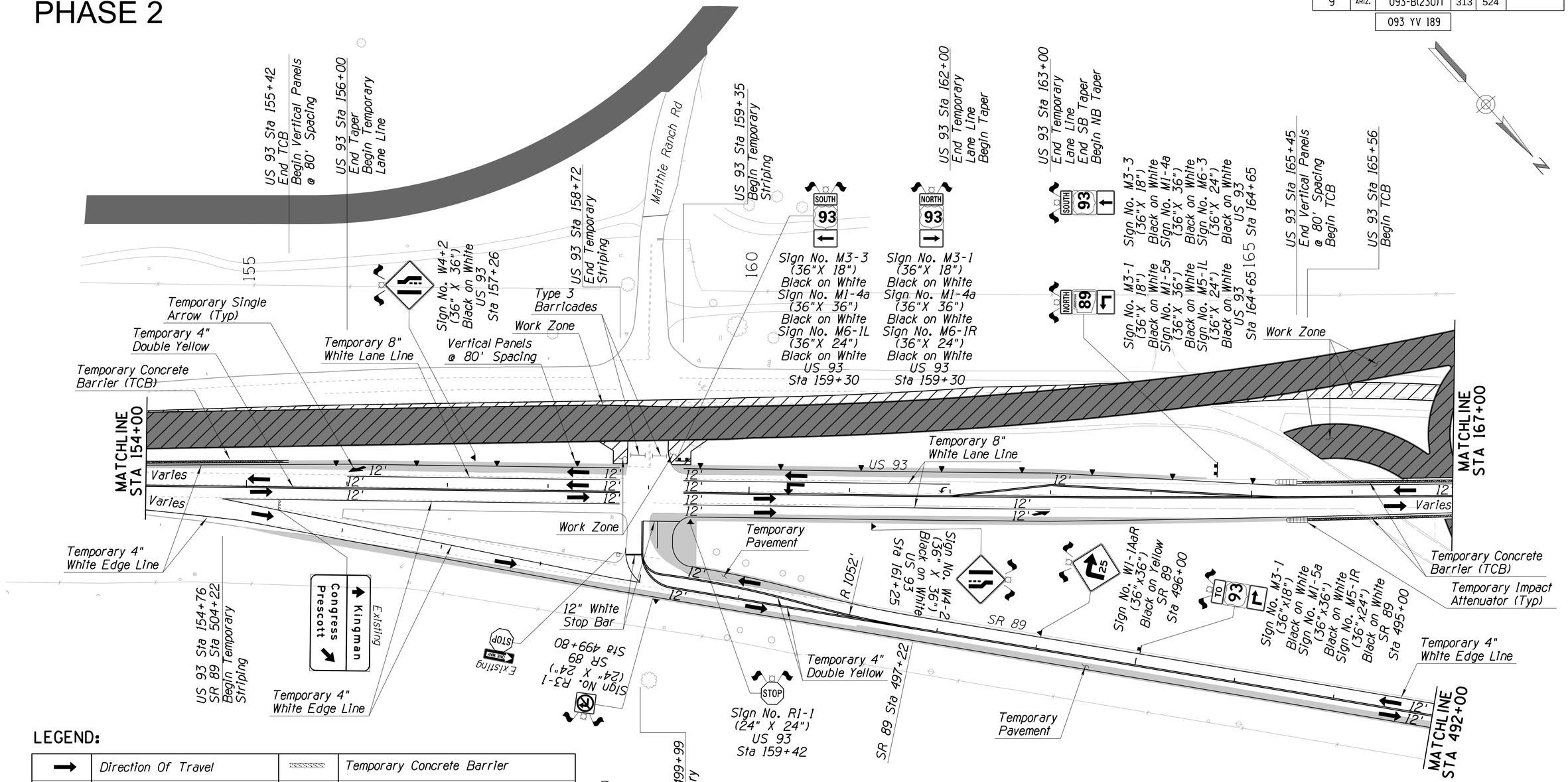
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SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

PHASE 2

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	313	524	

093 YV 189



LEGEND:

→	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▪	Sign On Rigid Stand		CMB - Changeable Message Board
⋮	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1
			Constructed Pavement Phase 1

NOTE:

1. Obliterate all existing pavement marking in conflict with Phase 2 temporary pavement marking on US 93 Sta 128+20 to Sta 180+32 and SR 89 Sta 503+92 to Sta 476+36.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 2 TRAFFIC CONTROL
STA 154+00 TO STA 167+00

Registered Professional Engineer Brief
CERTIFICATE NO.
51481
BRIANNE MARIE
TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. T-2.09

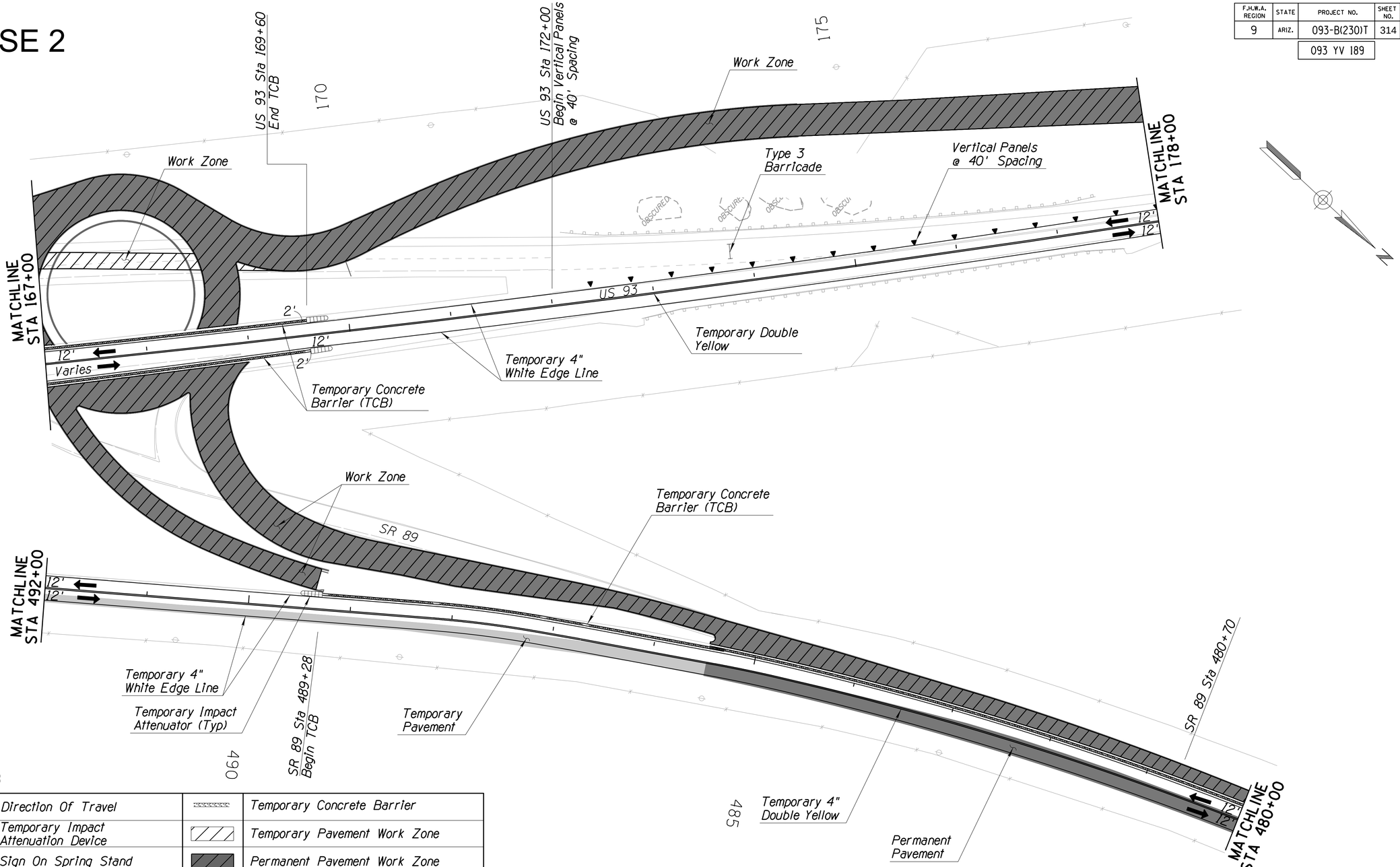
TRACS NO. F0738 01C | 093-B(230)T | ___ OF ___

6/11/2026 ...\t0738A tc_Phs2_04.dgn T-2.14

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

PHASE 2

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	314	524	
		093 YV 189			



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▪	Sign On Rigid Stand		CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢⊣	Type 3 Barricade		Temporary Pavement Phase 1
			Constructed Pavement Phase 1

NOTE:

1. Obliterate all existing pavement marking in conflict with Phase 2 temporary pavement marking on US 93 Sta 128+20 to Sta 180+32 and SR 89 Sta 503+92 to Sta 476+36.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 2 TRAFFIC CONTROL
STA 167+00 TO STA 178+00

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

Registered Professional Engineer Brief
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
APPROVED
ARIZONA, U.S.A.

DWG NO. T-2.10

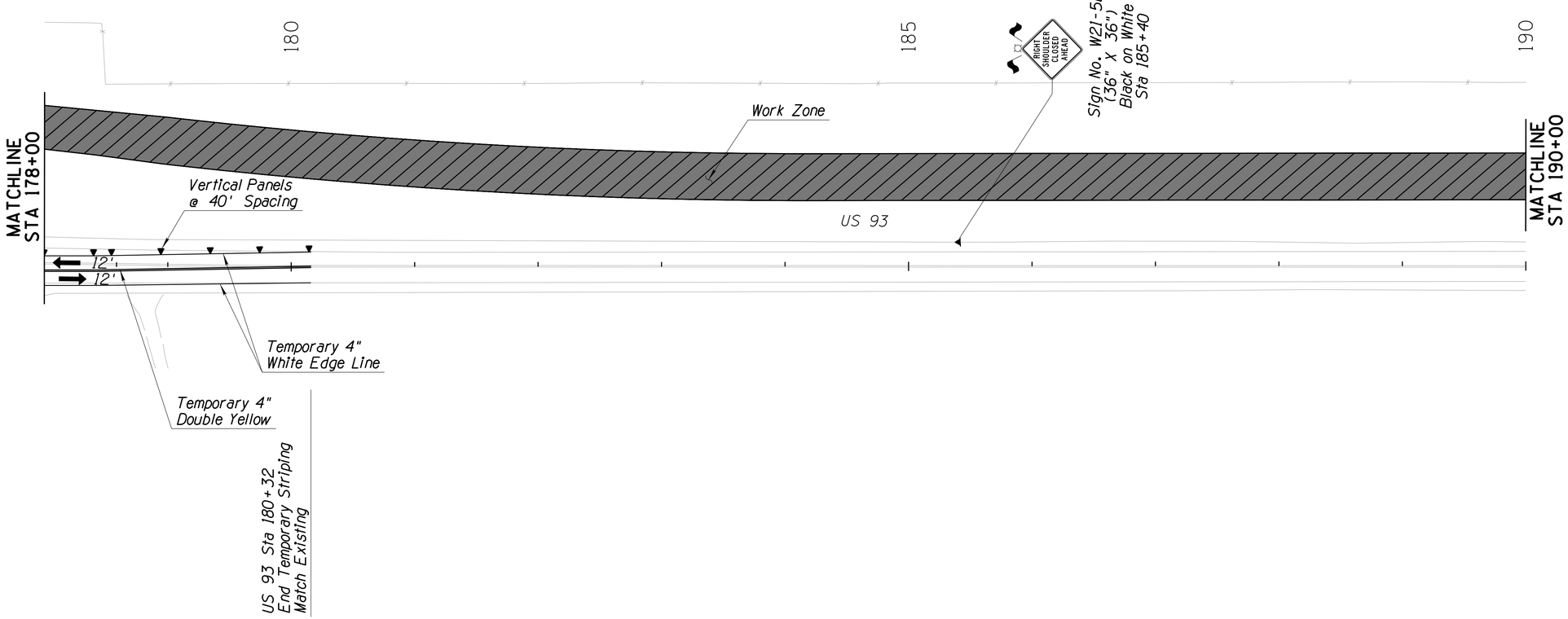
TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

6/11/2026 ...\t0738A tc_Phs2_05.dgn T-2.15

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	315	524	
		093 YV 189			

PHASE 2



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▸	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
⋮	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1
			Constructed Pavement Phase 1

NOTE:

1. Obliterate all existing pavement marking in conflict with Phase 2 temporary pavement marking on US 93 Sta 128+20 to Sta 180+32 and SR 89 Sta 503+92 to Sta 476+36.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
PHASE 2 TRAFFIC CONTROL
STA 178+00 TO STA 190+00

Registered Professional Engineer (Civil) CERTIFICATE NO. 51481 BRIANNE MARIE TURPIN Date Signed 6/11/26 ARIZONA, U.S.A.

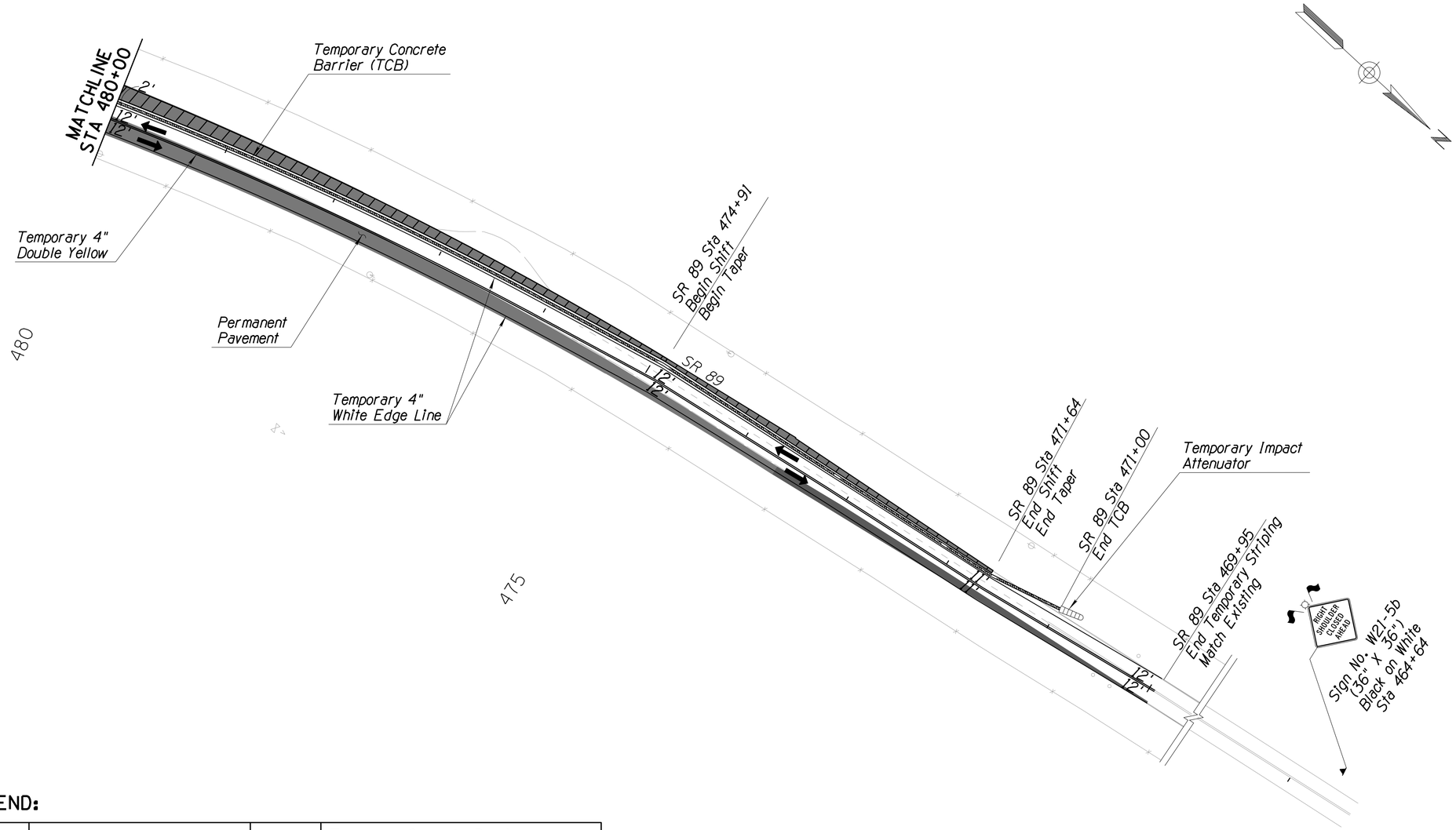
ROUTE	LOCATION	DWG NO. T-2.11
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A_tc_Phs2_06.dgn T-2.16

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	316	524	
		093 YV 189			

PHASE 2



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
⚑	Sign On Rigid Stand		CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1
			Constructed Pavement Phase 1

NOTE:

1. Obliterate all existing pavement marking in conflict with Phase 2 temporary pavement marking on US 93 Sta 128+20 to Sta 180+32 and SR 89 Sta 503+92 to Sta 476+36.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
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Phoenix, Arizona 85016
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SR 89
PHASE 2 TRAFFIC CONTROL
STA 470+00 TO STA 480+00

Registered Professional Engineer Certificate No. 51481 BRIANNE MARIE TURPIN ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-2.12
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

PHASE 2

Construct Moreton Rd Tie-in area in Halves to Maintain Access. Tie-in to be last section constructed in Phase 2 before moving to Phase 2A.

MORETON RD
Exst
Exst

Moreton Rd Cst CL Sta 17+66
Begin Vertical Panels

New R/W

Vertical Panels @ 20' Spacing

STOP
R1-1
36" x 36"
WHITE/RED

SB US 93 Cst CL Sta 220+90 Begin TCB Flare
SB US 93 Cst CL Sta 222+10 End TCB Flare
SB US 93 Cst CL Sta 223+83 End TCB
SB US 93 Cst CL Sta 227+61 Begin TCB Flare
SB US 93 Cst CL Sta 228+82 End TCB Flare

Moreton Rd Cst CL Sta 223+98
End Vertical Panels

Exst R/W

Construct Temp Pavement

220 225 230

Work Zone
Temporary Impact Attenuator
2' Shldr
20
Work Zone
Vertical Panels @ 40' Spacing

SB US 93 Cst CL Sta 224+55 Begin TCB
18" Solid White Stop Bar

Vertical Panels @ 40' Spacing
TCB
2' Shldr

US 93 Exst Exst
US 93 Exst Exst

20
TCB
2' Shldr
Temporary Impact Attenuator
TCB
2' Shldr
Temporary Impact Attenuator

Vertical Panels @ 40' Spacing
2' Shldr

220 225 230

SB US 93 Cst CL Sta 225+38 End TCB

SB US 93 Cst CL Sta 219+90 Begin Shldr Taper
SB US 93 Cst CL Sta 220+90 End Shldr Taper Begin TCB Flare
SB US 93 Cst CL Sta 222+10 End TCB Flare

Exst R/W

Work Zone

115

Exst
NINE IRONS RANCH RD.
STOP
To Remain Sta 226+21

New R/W
Work Zone

25

Construct Tie-in in Halves to maintain access to Nine Irons Ranch Rd

NINE IRONS RANCH RD
Exst
Exst

LEGEND

- Phase 2 Roadway Construction
- Phase 2 Temporary Pavement
- Temporary Traffic Flow Arrow
- Existing Traffic Flow Arrow

NOTES

1. *TCB Flares shall not be at a rate shorter than 20:1.*
2. *See Roadway sheets for Temporary Paving Limits*

Registered Professional Engineer
CERTIFICATE
76542
CRAIG J. RICKETTS, JR.
Date Signed 06/10/26
ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

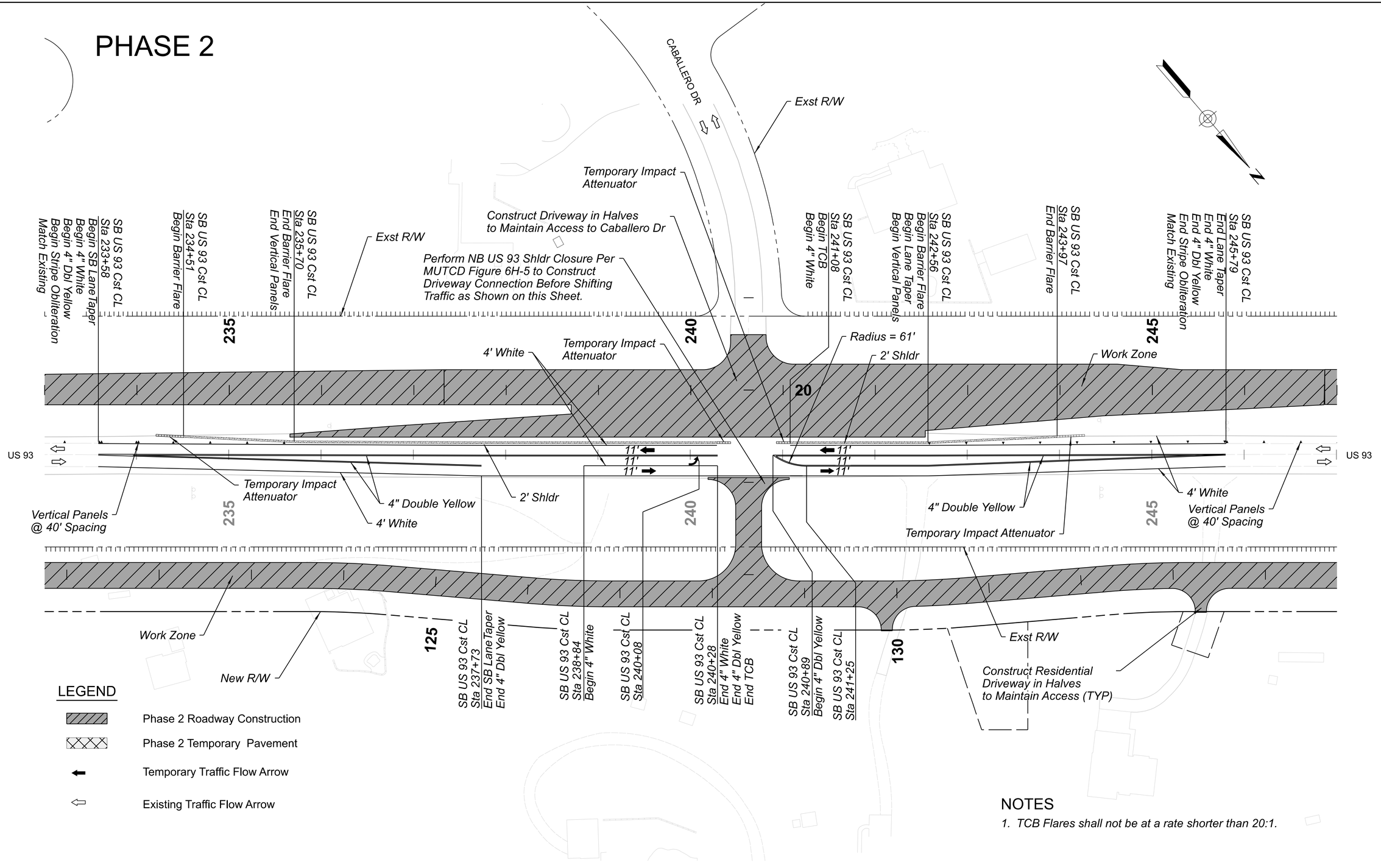
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

PHASE 2 - ROUNDABOUT
DETAIL SHEET STA 217+00 TO 231+00

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 190	093-B-NFA	317	524	
MILEPOST 190.5	LOCATION VISTA ROYALE					DWG No.	T-2.13
STRUCTURE NO.	TRACS NO. F0738 01C					____ OF ____	

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PHASE 2



LEGEND

- Phase 2 Roadway Construction
- Phase 2 Temporary Pavement
- Temporary Traffic Flow Arrow
- Existing Traffic Flow Arrow

NOTES

1. TCB Flares shall not be at a rate shorter than 20:1.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

Professional Engineer CERTIFICATE 56542 CRAIG J. RICKETTS, JR. Registered 08/31/26 ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
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T 602.371.1100

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

PHASE 2 - CABALLERO ROAD
DETAIL SHEET STA 233+00 TO 247+00

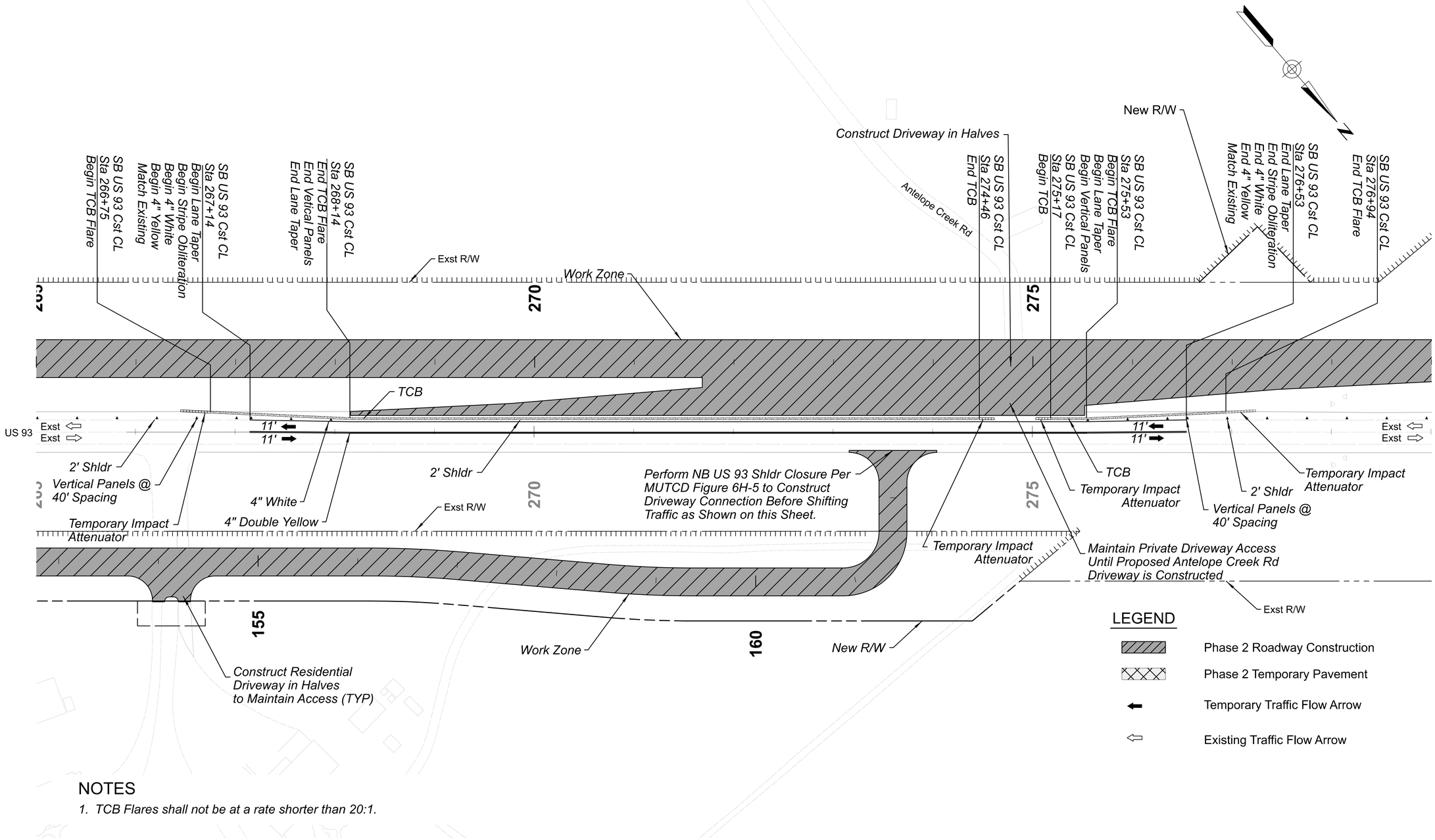
ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 190	093-B-NFA	318	524	

LOCATION: VISTA ROYALE
DWG No. T-2.14
TRACS NO. F0738 01C
____ OF ____

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PHASE 2



LEGEND

- Phase 2 Roadway Construction
- Phase 2 Temporary Pavement
- Temporary Traffic Flow Arrow
- Existing Traffic Flow Arrow

NOTES

1. *TCB Flares shall not be at a rate shorter than 20:1.*

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

Registered Professional Engineer — CERTIFICATE NO. 64542 — CRAIG J. RICKETTS, JR. — Date Signed 06/26/26 — ARIZONA, U.S.A.

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

PHASE 2- ANTELOPE CREEK ROAD
DETAIL SHEET STA 265+00 TO 279+00

ROUTE: US 93
MILEPOST: 190.5
STRUCTURE NO.:

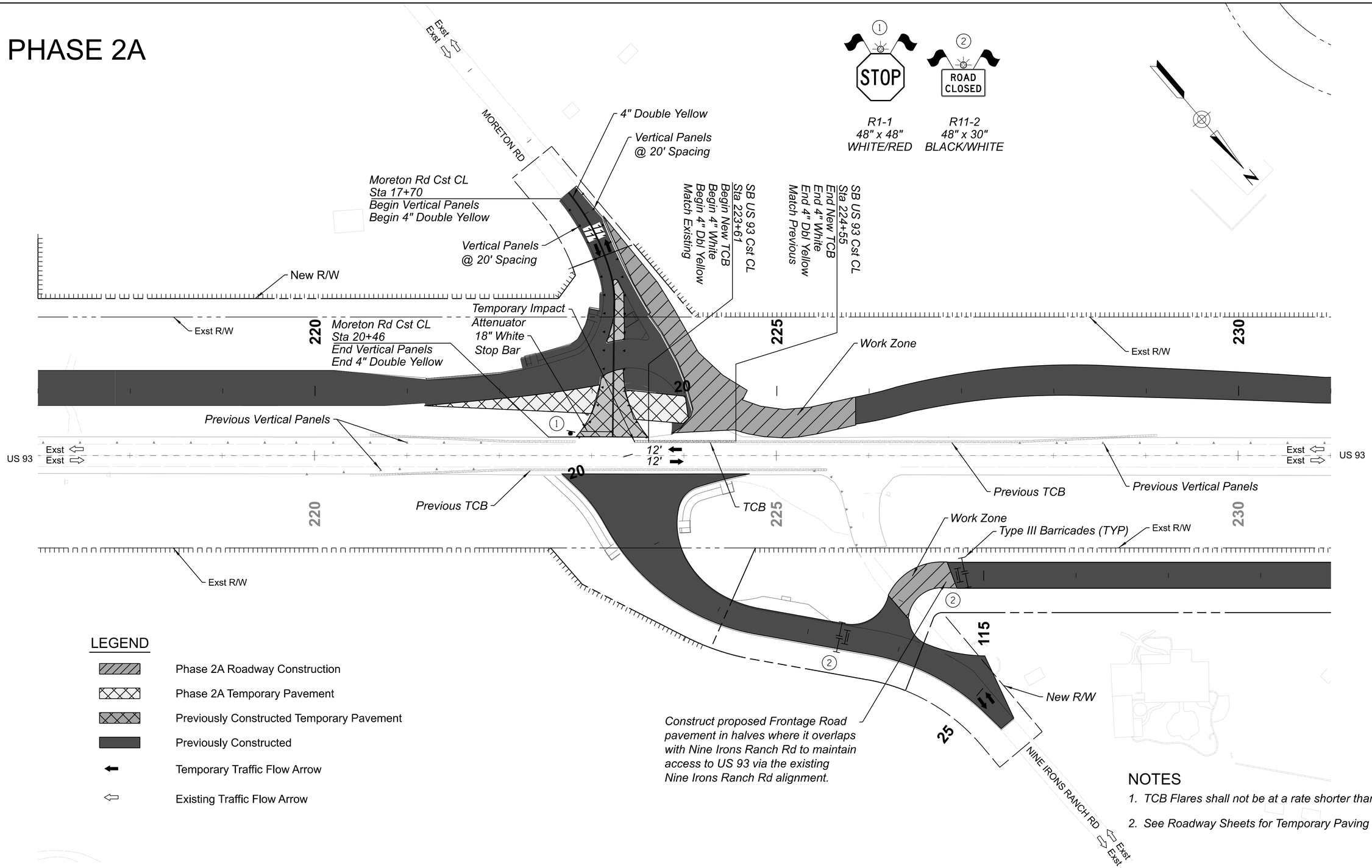
F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 190	093-B-NFA	319	524	

LOCATION: VISTA ROYALE
TRACS NO. F0738 01C
DWG No. T-2.15
____ OF ____

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PHASE 2A



STOP — R1-1, 48" x 48", WHITE/RED

ROAD CLOSED — R11-2, 48" x 30", BLACK/WHITE

Construct proposed Frontage Road pavement in halves where it overlaps with Nine Irons Ranch Rd to maintain access to US 93 via the existing Nine Irons Ranch Rd alignment.

LEGEND

- Phase 2A Roadway Construction
- Phase 2A Temporary Pavement
- Previously Constructed Temporary Pavement
- Previously Constructed
- Temporary Traffic Flow Arrow
- Existing Traffic Flow Arrow

NOTES

1. TCB Flares shall not be at a rate shorter than 20:1.
2. See Roadway Sheets for Temporary Paving Limits.

Registered Professional Engineer — 76542 — CRAIG J. RICKETTS, JR. — Date Signed 06/30/2026 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

PHASE 2A - ROUNDABOUT
DETAIL SHEET STA 217+00 TO STA 231+00

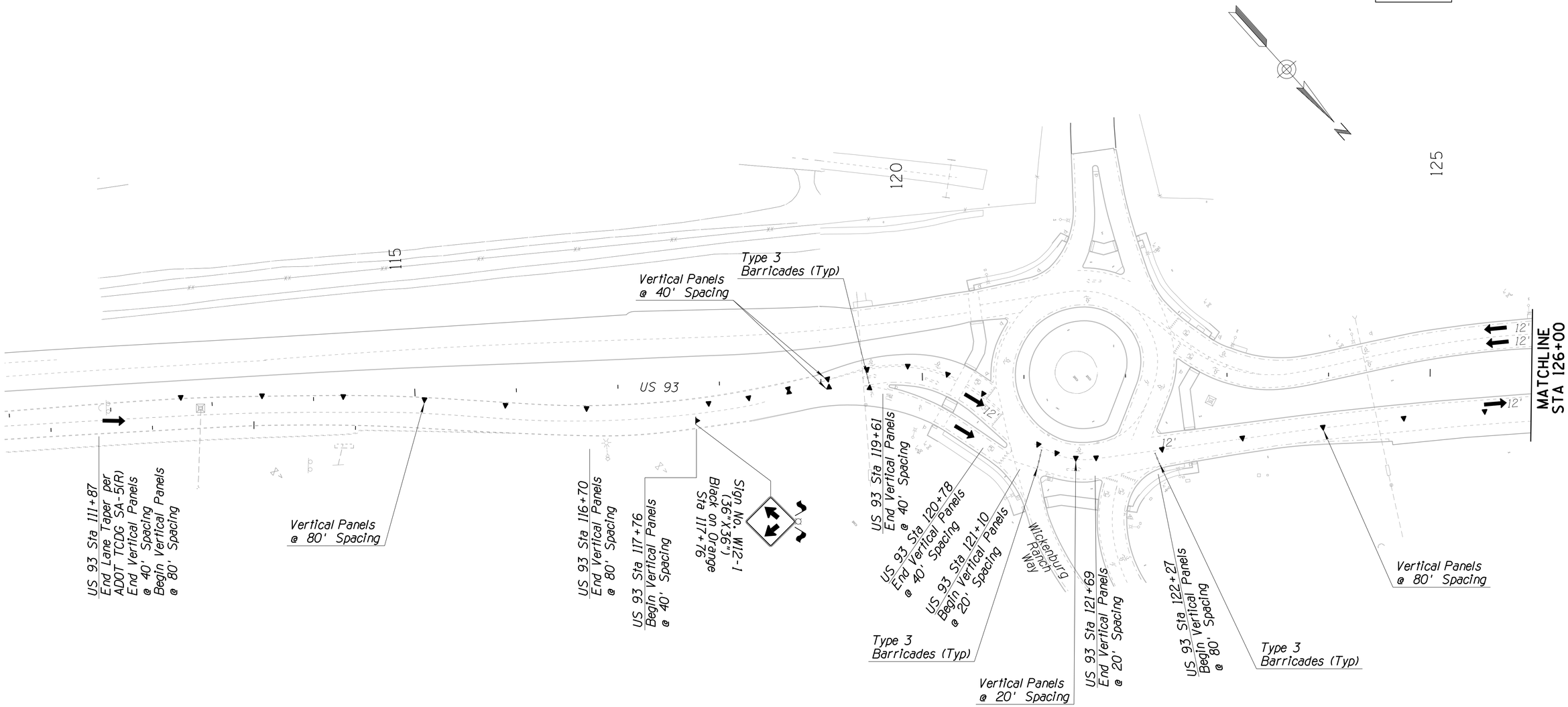
ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 190	093-B-NFA	320	524	
MILEPOST 190.5	LOCATION: VISTA ROYALE					DWG No. T-2.16
STRUCTURE NO.	TRACS NO. F0738 01C					____ OF ____

F.H.W.A. Arizona Division

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PHASE 3

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	321	524	
		093 YV 189			



LEGEND:

→	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▪	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
	Type 3 Barricade		Temporary Pavement Phase 1 & 2
			Constructed Pavement Phase 1 & 2

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 3 TRAFFIC CONTROL
STA 111+87 TO STA 126+00

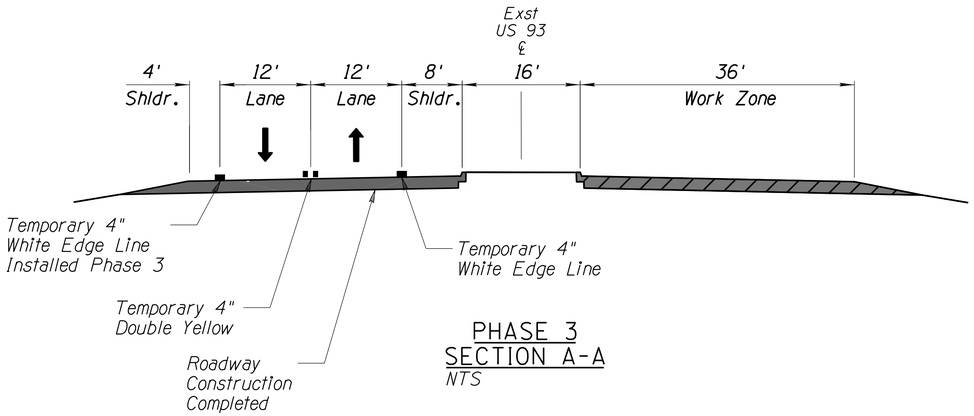
Registered Professional Engineer Civil
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
STATE OF ARIZONA

ROUTE	LOCATION	DWG NO. T-2.17
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

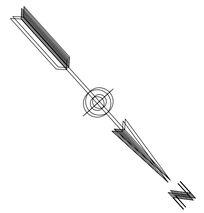
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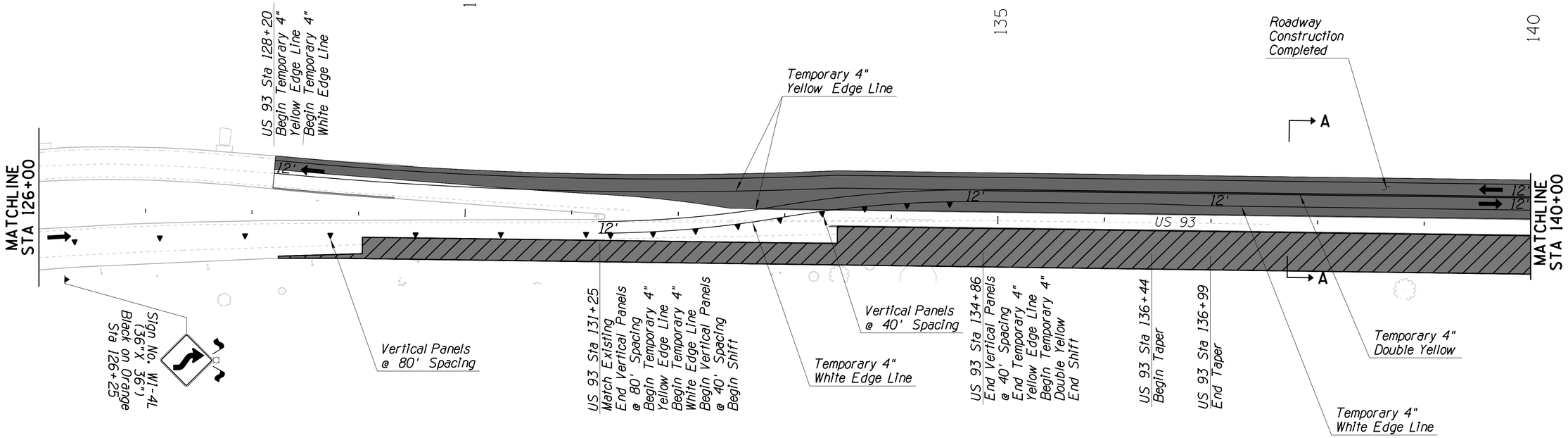
PHASE 3

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	322	524	
		093 YV 189			



PHASE 3
SECTION A-A
NTS





LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▸	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
⁝	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1 & 2
			Constructed Pavement Phase 1 & 2

NOTE:

1. Obliterate all existing, Phase 2 pavement marking in conflict with Phase 3 temporary pavement marking on US 93 Sta 128+20 to Sta 190+00, and on SR 89 Sta 473+64 to Sta 503+91.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES
US 93 & SR 89
PHASE 3 TRAFFIC CONTROL
STA 126+00 TO STA 140+00

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE
TURPIN
Date Signed 6/11/26
ARIZONA, U.S.A.

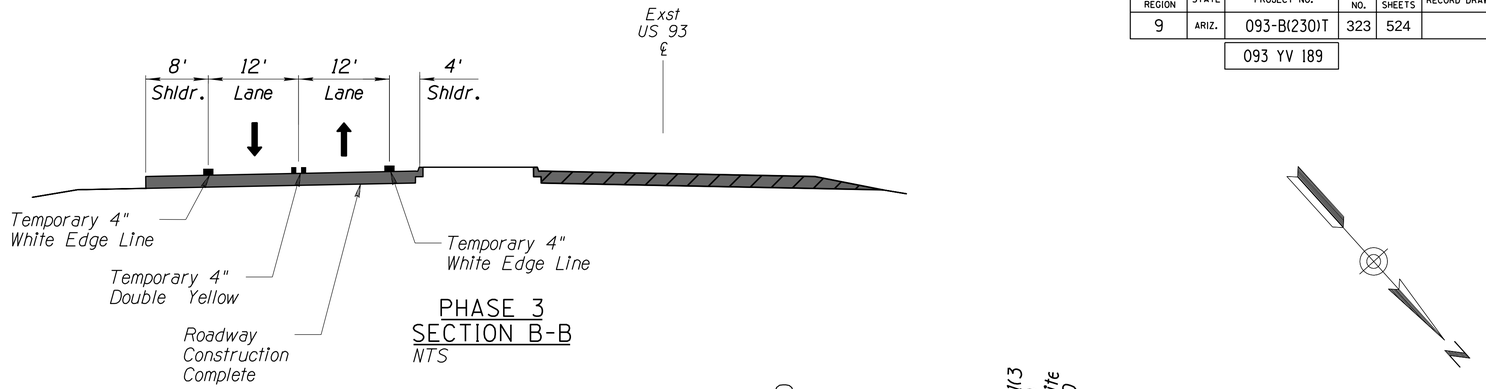
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US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

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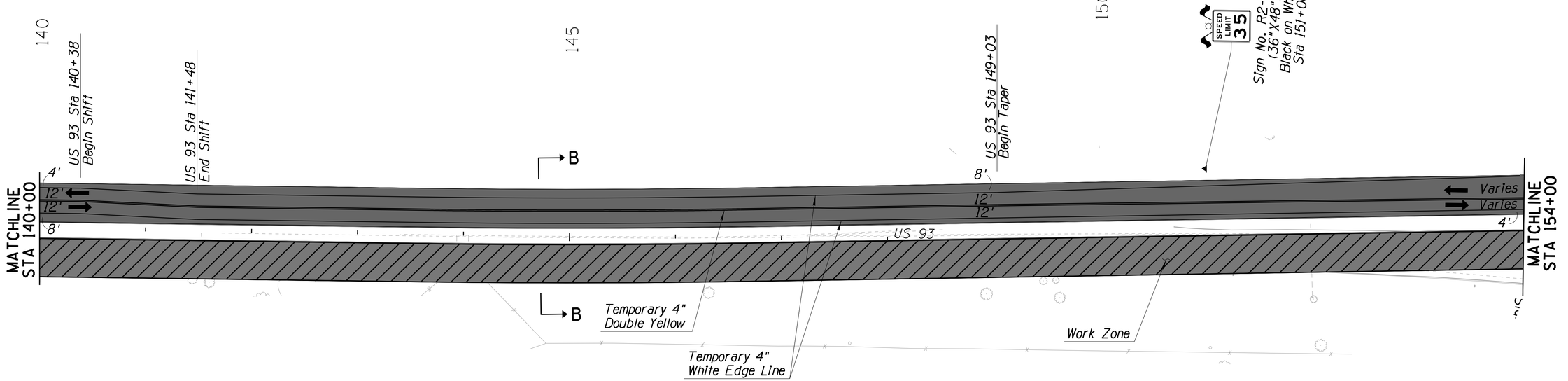
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

PHASE 3

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	323	524	
		093 YV 189			



PHASE 3
SECTION B-B
NTS



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▸	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
⁞	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1 & 2
			Constructed Pavement Phase 1 & 2

NOTE:

1. Obliterate all existing, Phase 2 pavement marking in conflict with Phase 3 temporary pavement marking on US 93 Sta 128+20 to Sta 190+00, and on SR 89 Sta 473+64 to Sta 503+91.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
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Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 3 TRAFFIC CONTROL
STA 140+00 TO STA 154+00

Registered Professional Engineer Stamp
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
Date Signed 6/11/26
ARIZONA, U.S.A.

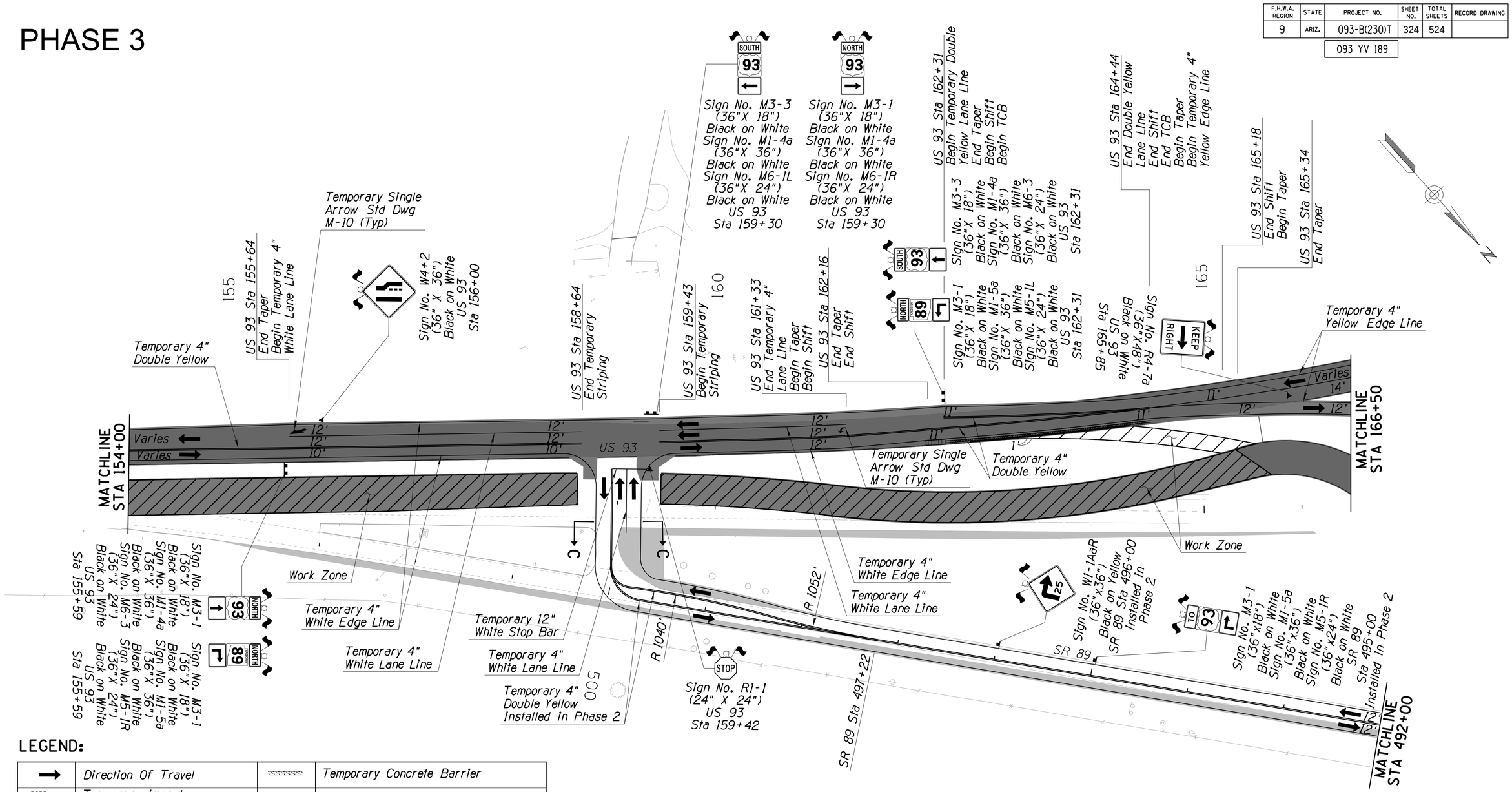
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US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A tc_Phs3A_03.dgn T-2.28

DATE: | SURVEY NO. | FINISHED PLANS: | REVISIONS: | LOCATION: | DATE:

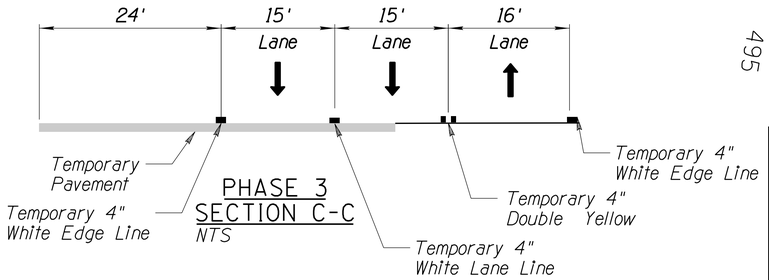
PHASE 3

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	324	524	
		093 YV 189			



LEGEND:

→	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▸	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1 & 2
			Constructed Pavement Phase 1 & 2



PHASE 3
SECTION C-C
NTS

NOTE:

1. Obliterate all existing, Phase 2 pavement marking in conflict with Phase 3 temporary pavement marking on US 93 Sta 128+20 to Sta 190+00, and on SR 89 Sta 473+64 to Sta 503+91.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 3 TRAFFIC CONTROL
STA 154+00 TO STA 166+50

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
Date Signed
ARIZONA, U.S.A.

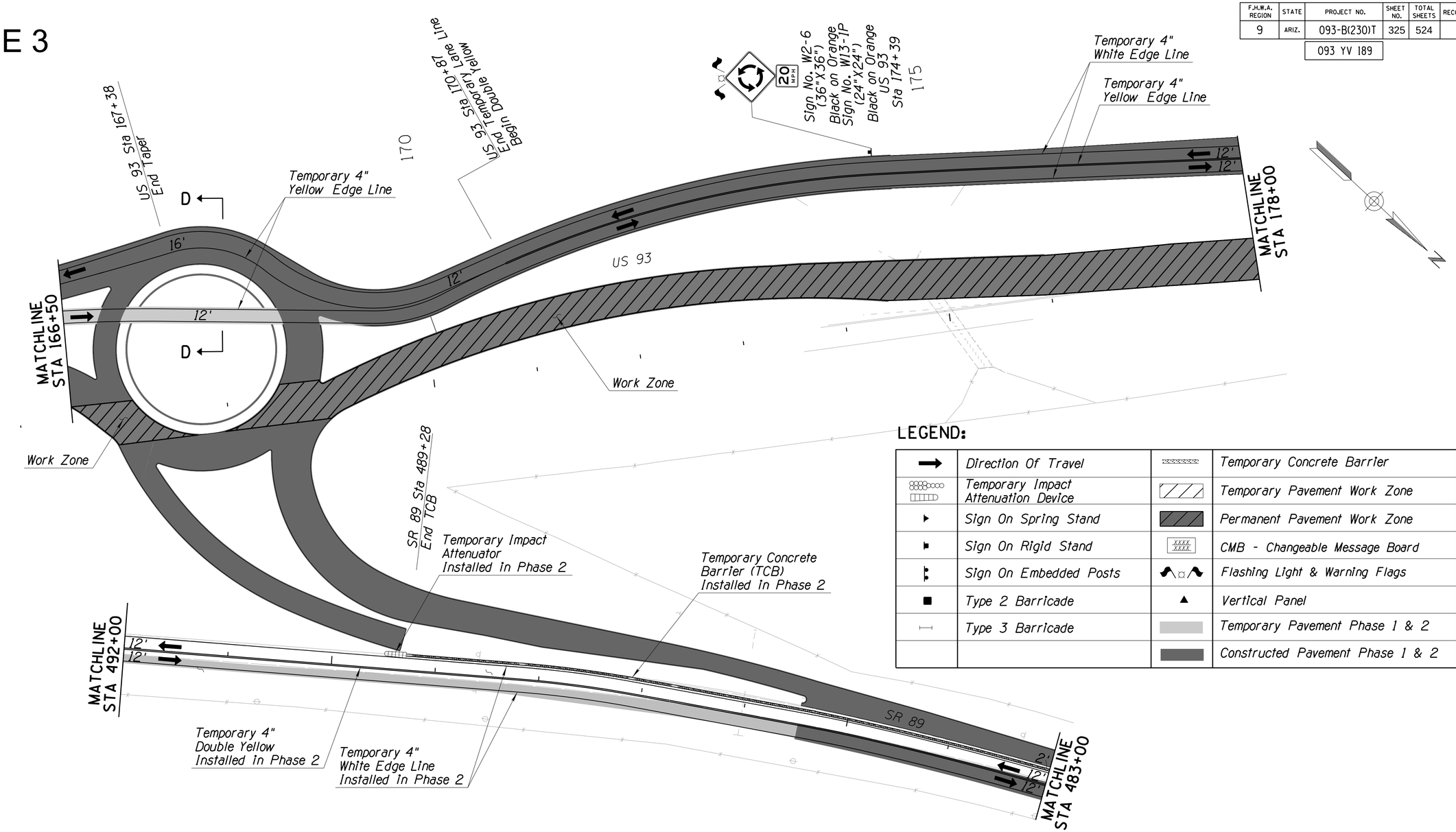
ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. T-2.20
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

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SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

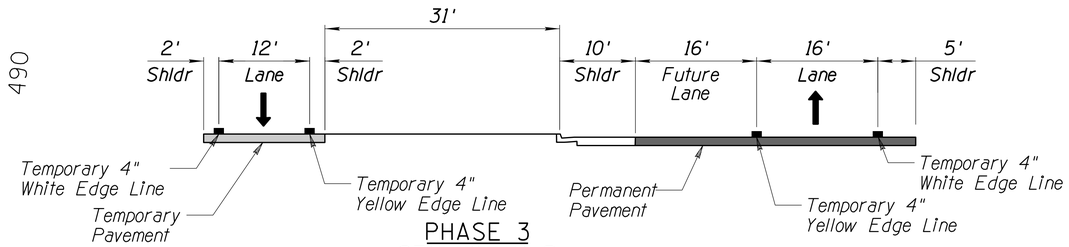
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	325	524	
		093 YV 189			

PHASE 3



LEGEND:

→	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
	Sign On Spring Stand		Permanent Pavement Work Zone
	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
	Type 3 Barricade		Temporary Pavement Phase 1 & 2
			Constructed Pavement Phase 1 & 2



PHASE 3
SECTION D-D
NTS

NOTE:

1. Obliterate all existing, Phase 2 pavement marking in conflict with Phase 3 temporary pavement marking on US 93 Sta 128+20 to Sta 190+00, and on SR 89 Sta 473+64 to Sta 503+91.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 3 TRAFFIC CONTROL
STA 166+50 TO STA 178+00

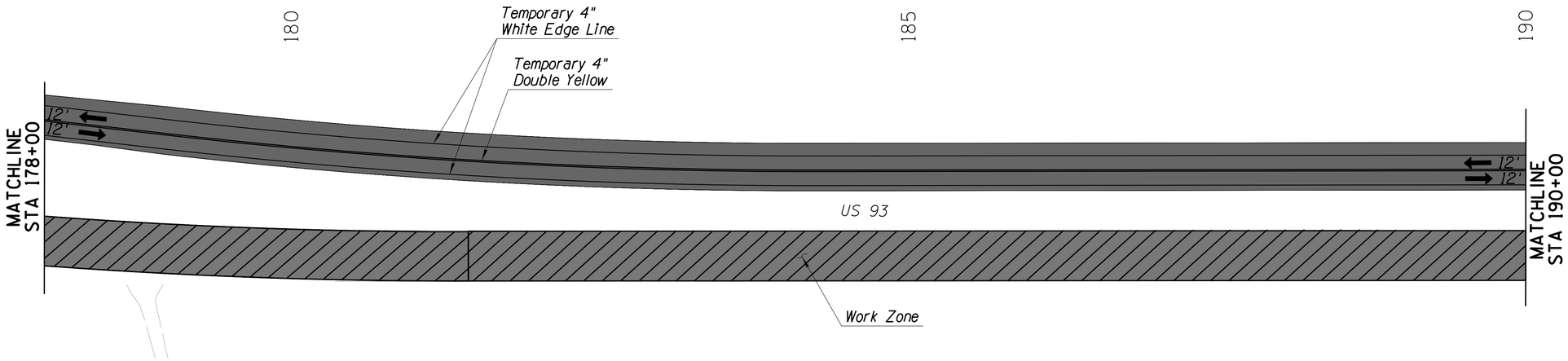
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CERTIFICATE NO. 51481
(BRIANNE MARIE TURPIN)
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. T-2.21
TRACS NO. F0738 01C		093-B(230)T ___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE | SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	326	524	
		093 YV 189			

PHASE 3



LEGEND:

→	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
⚑	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
	Type 3 Barricade		Temporary Pavement Phase 1 & 2
			Constructed Pavement Phase 1 & 2

NOTE:

1. Obliterate all existing, Phase 2 pavement marking in conflict with Phase 3 temporary pavement marking on US 93 Sta 128+20 to Sta 190+00, and on SR 89 Sta 473+64 to Sta 503+91.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
PHASE 3 TRAFFIC CONTROL
STA 178+00 TO STA 190+00

Registered Professional Engineer Stamp
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

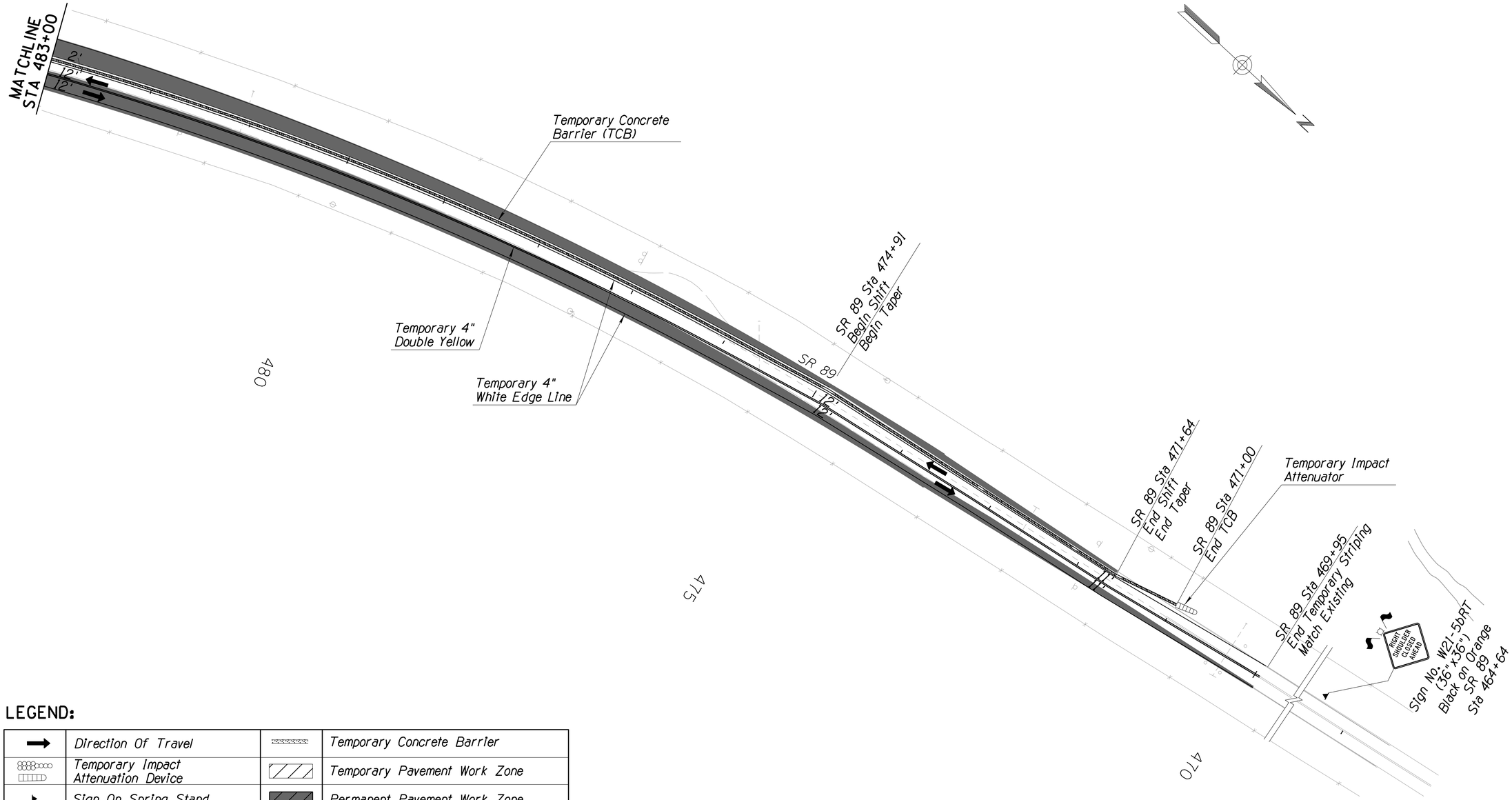
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US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

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SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	327	524	
		093 YV 189			

PHASE 3



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
⚑	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
	Type 3 Barricade		Temporary Pavement Phase 1 & 2
			Constructed Pavement Phase 1 & 2

NOTE:

1. Obliterate all existing, Phase 2 pavement marking in conflict with Phase 3 temporary pavement marking on US 93 Sta 128+20 to Sta 190+00, and on SR 89 Sta 473+64 to Sta 503+91.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 3 TRAFFIC CONTROL
STA 470+00 TO STA 483+00

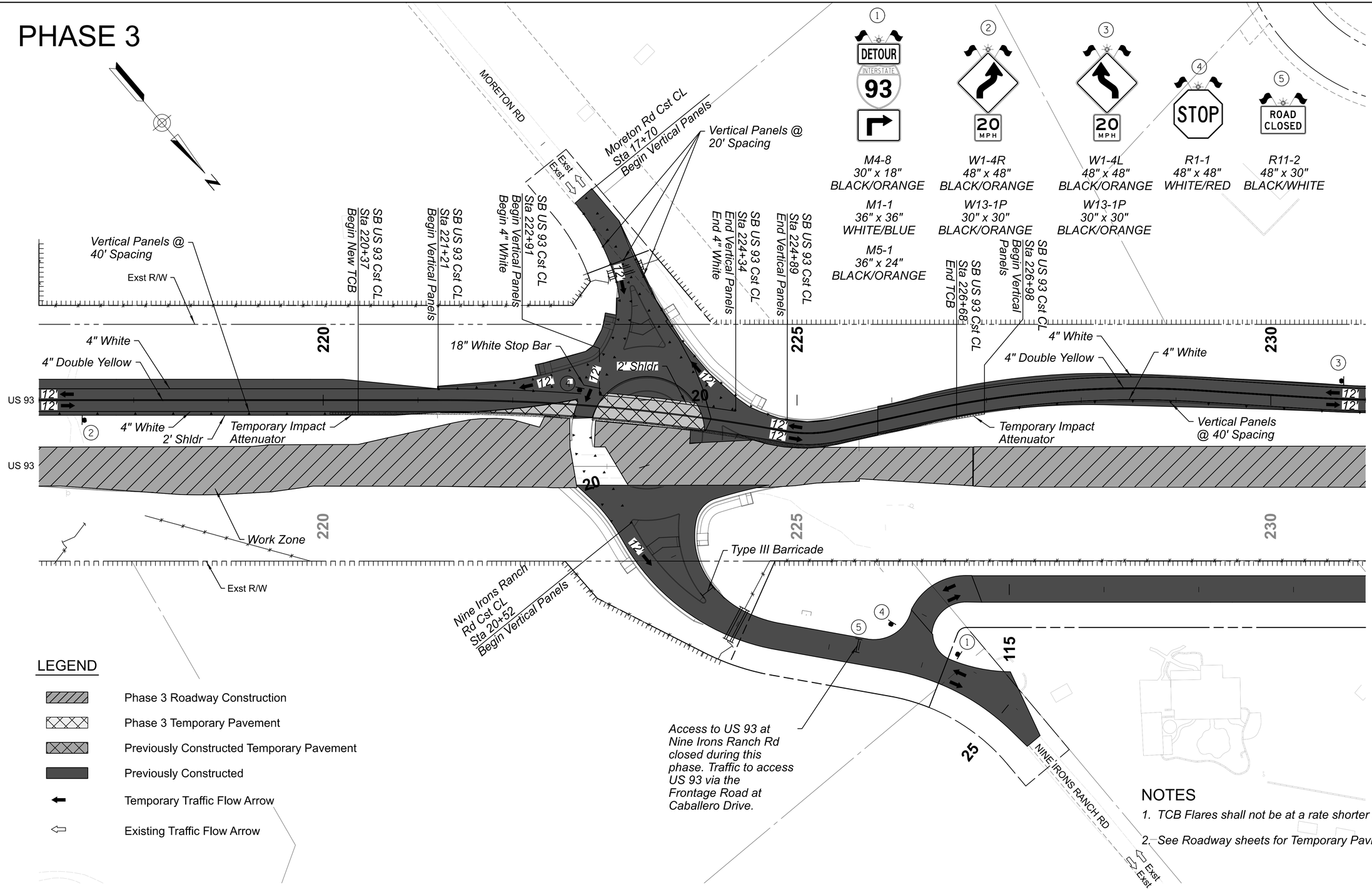
Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-2.23
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

ccccSYSTIMEccccc ccccDGNcSPECIFICATIONcccc

PHASE 3



LEGEND

- Phase 3 Roadway Construction
- Phase 3 Temporary Pavement
- Previously Constructed Temporary Pavement
- Previously Constructed
- Temporary Traffic Flow Arrow
- Existing Traffic Flow Arrow

Access to US 93 at Nine Irons Ranch Rd closed during this phase. Traffic to access US 93 via the Frontage Road at Caballero Drive.

NOTES

1. *TCB Flares shall not be at a rate shorter than 20:1.*
2. *See Roadway sheets for Temporary Paving Limits.*

Registered Professional Engineer — 64542 — CRAIG J. RICKETTS, JR. — Date Signed — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

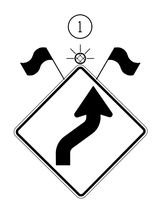
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

PHASE 3 - ROUNDABOUT
DETAIL SHEET STA 217+00 TO 231+00

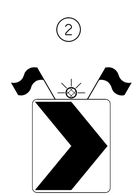
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US 93		ARIZ.	093 YV 190	093-B-NFA	328	524	
MILEPOST 190.5	LOCATION VISTA ROYALE					DWG No.	T-2.24
STRUCTURE NO.	TRACS NO. F0738 01C					____ OF ____	

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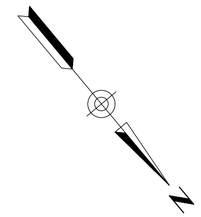
PHASE 3

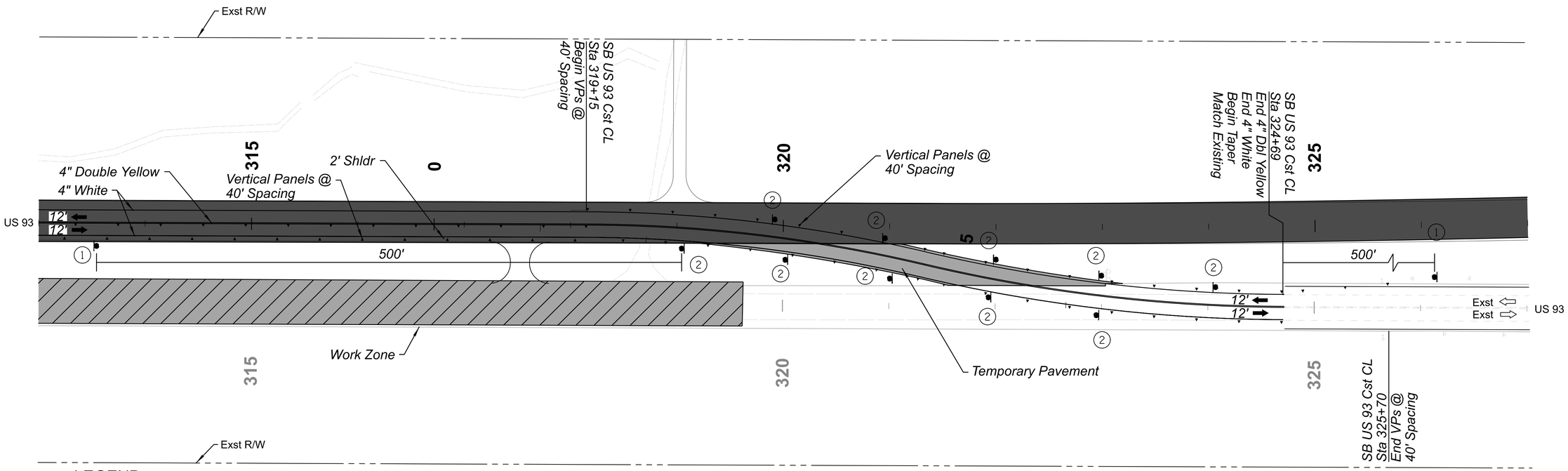


W1-4R
48" x 48"
BLACK/ORANGE



W1-8R
36" x 48"
BLACK/ORANGE





LEGEND

- Phase 3 Roadway Construction
- Phase 3 Temporary Paving
- Previously Constructed Temporary Paving
- Previously Constructed
- Temporary Traffic Flow Arrow
- Existing Traffic Flow Arrow

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

Registered Professional Engineer — CERTIFICATE 64542 — CRAIG J. RICKETTS, JR. — Date Signed — ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

PHASE 3 - NORTH CROSSOVER
DETAIL SHEET STA 313+00 TO 327+00

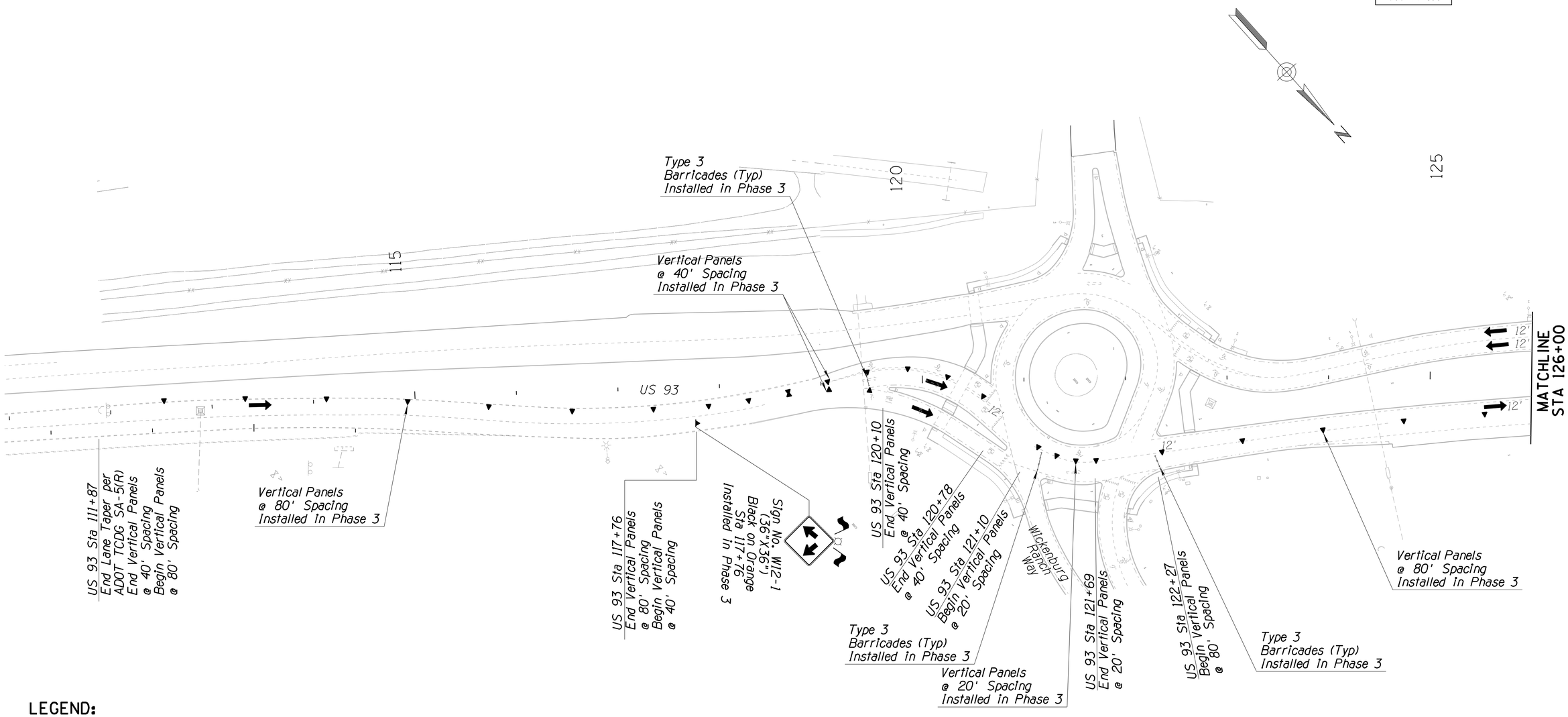
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US 93		ARIZ.	093 YV 190	093-B-NFA	329	524	
MILEPOST 190.5	LOCATION VISTA ROYALE					DWG No.	T-2.25
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

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PHASE 4A

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	330	524	
		093 YV 189			

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
⚑	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
⁞	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1, 2 & 3
			Constructed Pavement Phase 1, 2 & 3

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 4A TRAFFIC CONTROL
STA 111+87 TO STA 126+00

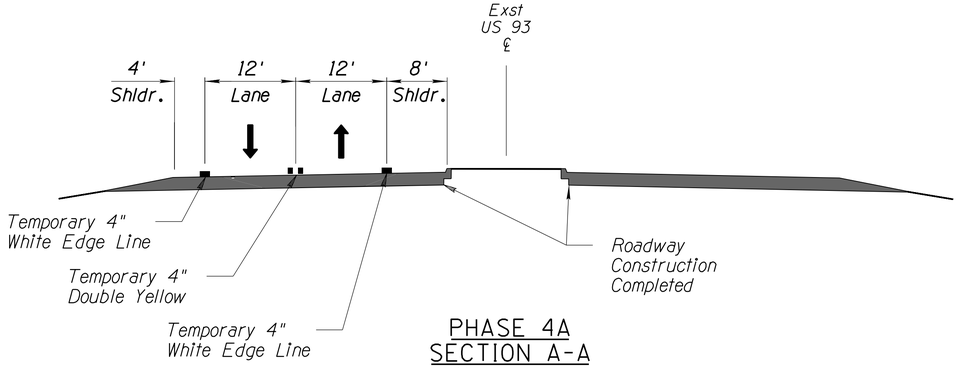
Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE
TURPIN
Date Signed 6/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-2.26
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

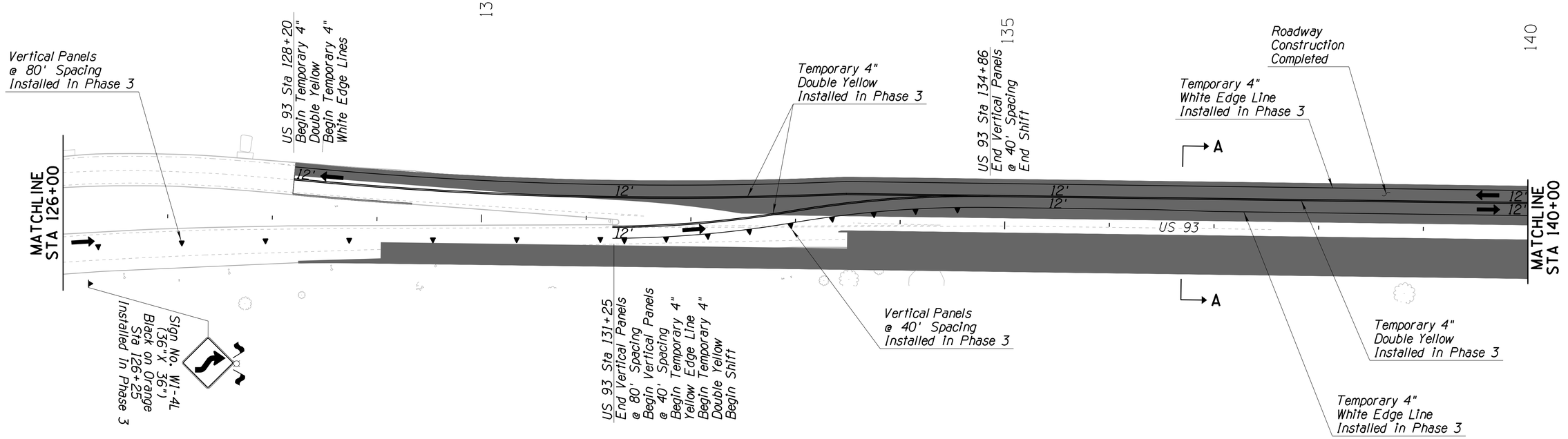
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	331	524	
		093 YV 189			

PHASE 4A



PHASE 4A
SECTION A-A
NTS



LEGEND:

→	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
⚑	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
⚑	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1, 2 & 3
			Constructed Pavement Phase 1, 2 & 3

NOTE:

1. Obliterate all existing, Phase 1, Phase 2, and Phase 3 pavement marking in conflict with Phase 4A temporary pavement marking on US 93 Sta 128+20 to Sta 190+00, and on SR 89 Sta 473+64 to Sta 503+91.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES
US 93 & SR 89
PHASE 4A TRAFFIC CONTROL
STA 126+00 TO STA 140+00

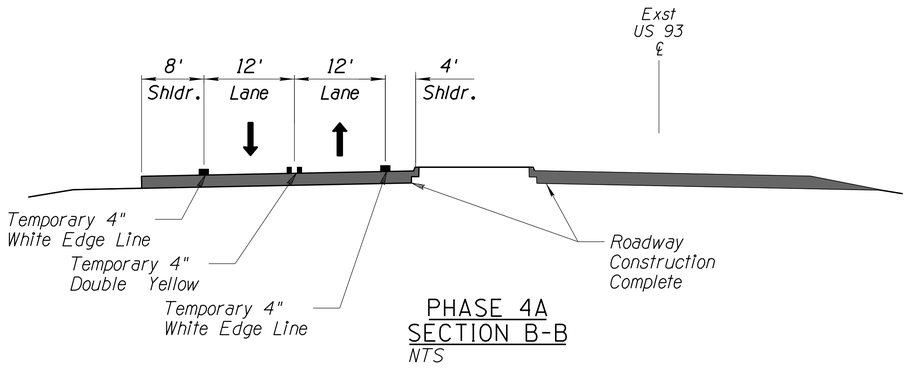
Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
DATE SIGNED
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-2.27
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

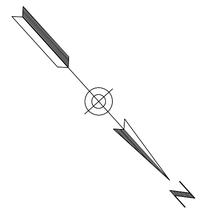
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

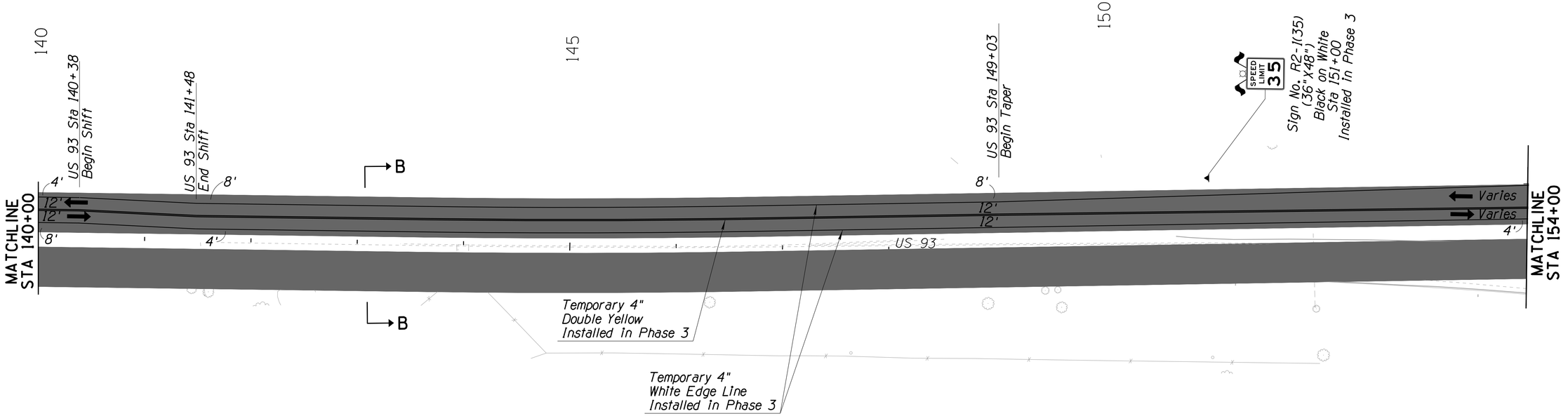
PHASE 4A

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	332	524	
		093 YV 189			



PHASE 4A
SECTION B-B
NTS





LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
⚑	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
⁞	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1, 2 & 3
			Constructed Pavement Phase 1, 2 & 3

NOTE:

1. Obliterate all existing, Phase 1, Phase 2, and Phase 3 pavement marking in conflict with Phase 4A temporary pavement marking on US 93 Sta 128+20 to Sta 190+00, and on SR 89 Sta 473+64 to Sta 503+91.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 4A TRAFFIC CONTROL
STA 140+00 TO STA 154+00

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

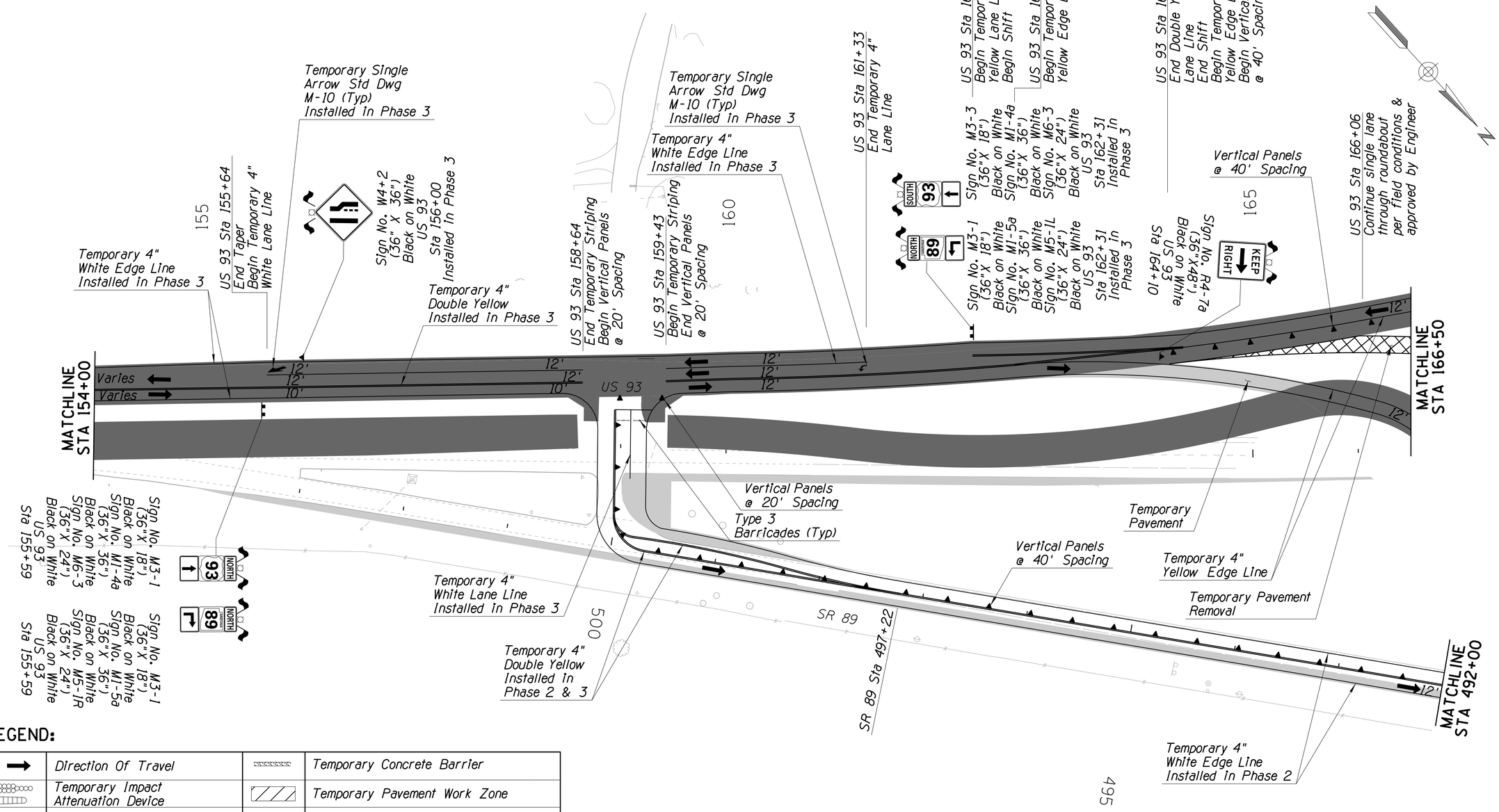
ROUTE	LOCATION	DWG NO. T-2.28
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

SURVEY NO.	FINISHED PLANS	REVISIONS	LOCATION	DATE

PHASE 4A

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	333	524	
		093 YV 189			



LEGEND:

→	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▪	Sign On Rigid Stand		CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
	Type 3 Barricade		Temporary Pavement Phase 1, 2 & 3
	Temporary Pavement Removal		Constructed Pavement Phase 1, 2 & 3

NOTE:

1. Obliterate all existing, Phase 1, Phase 2, and Phase 3 pavement marking in conflict with Phase 4A temporary pavement marking on US 93 Sta 128+20 to Sta 190+00, and on SR 89 Sta 473+64 to Sta 503+91.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 4A TRAFFIC CONTROL
STA 154+00 TO STA 166+50

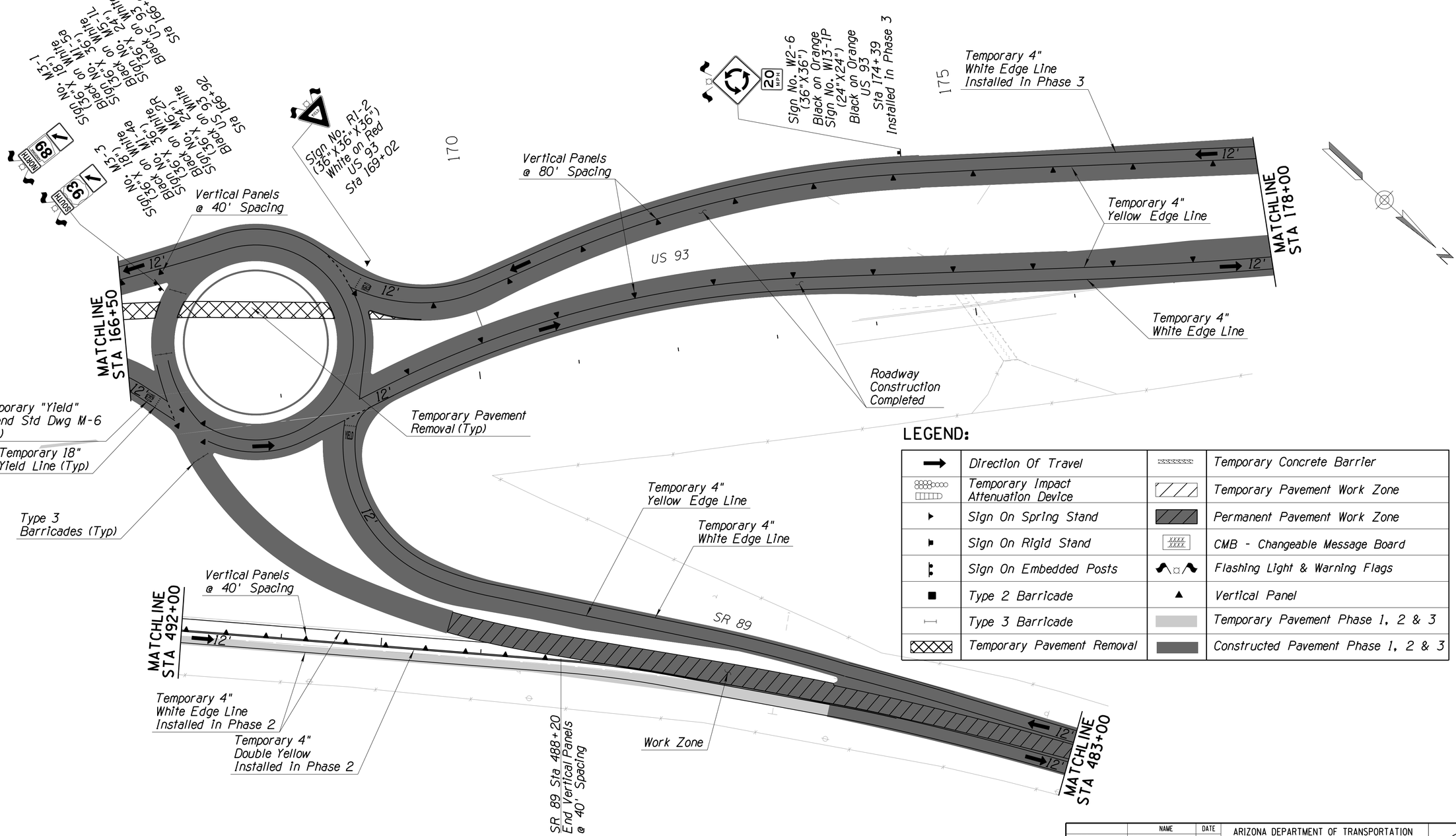
Registered Professional Engineer (Civil)
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
Date Signed
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-2.29
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A tc_Phs4_04.dgn T-2.40

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	334	524	
		093 YV 189			

PHASE 4A



LEGEND:

→	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
	Sign On Spring Stand		Permanent Pavement Work Zone
	Sign On Rigid Stand		CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
	Type 3 Barricade		Temporary Pavement Phase 1, 2 & 3
	Temporary Pavement Removal		Constructed Pavement Phase 1, 2 & 3

NOTE:

1. Obliterate all existing, Phase 1, Phase 2, and Phase 3 pavement marking in conflict with Phase 4A temporary pavement marking on US 93 Sta 128+20 to Sta 190+00, and on SR 89 Sta 473+64 to Sta 503+91.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 4A TRAFFIC CONTROL
STA 166+50 TO STA 178+00

Registered Professional Engineer (Civil)
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
Date Signed 6/11/26
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C		093-B(230)T

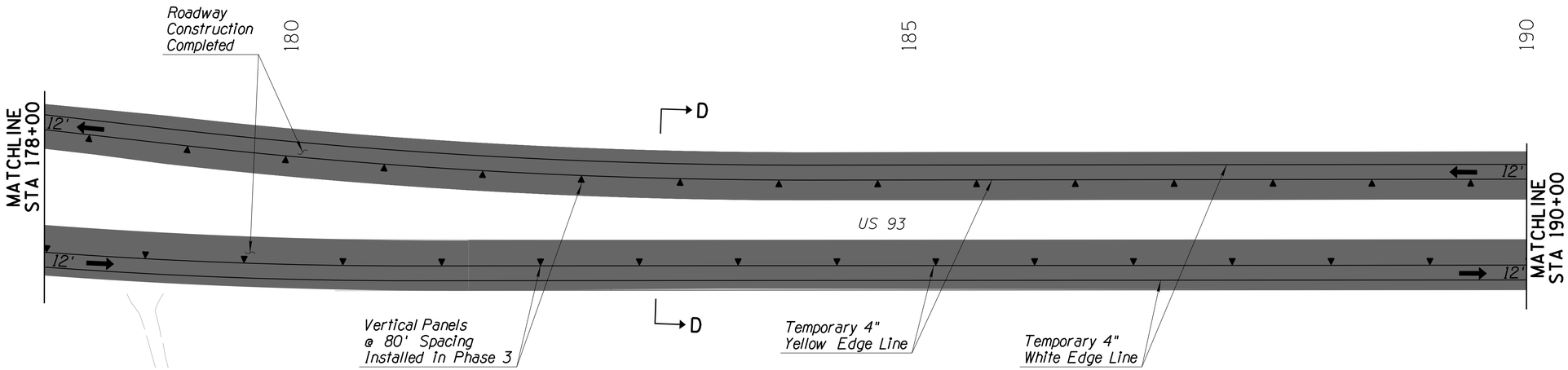
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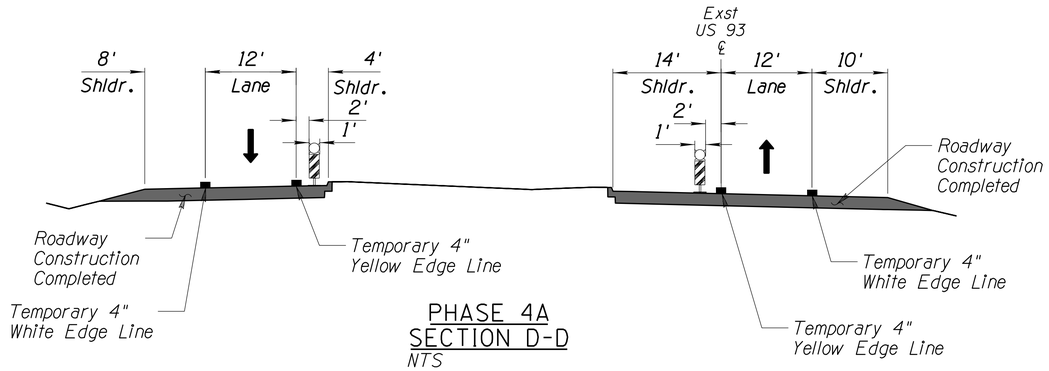
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SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	335	524	
		093 YV 189			

PHASE 4A





PHASE 4A
SECTION D-D
NTS

LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▸	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
⁞▸	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1, 2 & 3
	Temporary Pavement Removal		Constructed Pavement Phase 1, 2 & 3

NOTE:

1. Obliterate all existing, Phase 1, Phase 2, and Phase 3 pavement marking in conflict with Phase 4A temporary pavement marking on US 93 Sta 128+20 to Sta 190+00, and on SR 89 Sta 473+64 to Sta 503+91.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

US 93
PHASE 4A TRAFFIC CONTROL
STA 178+00 TO STA 190+00

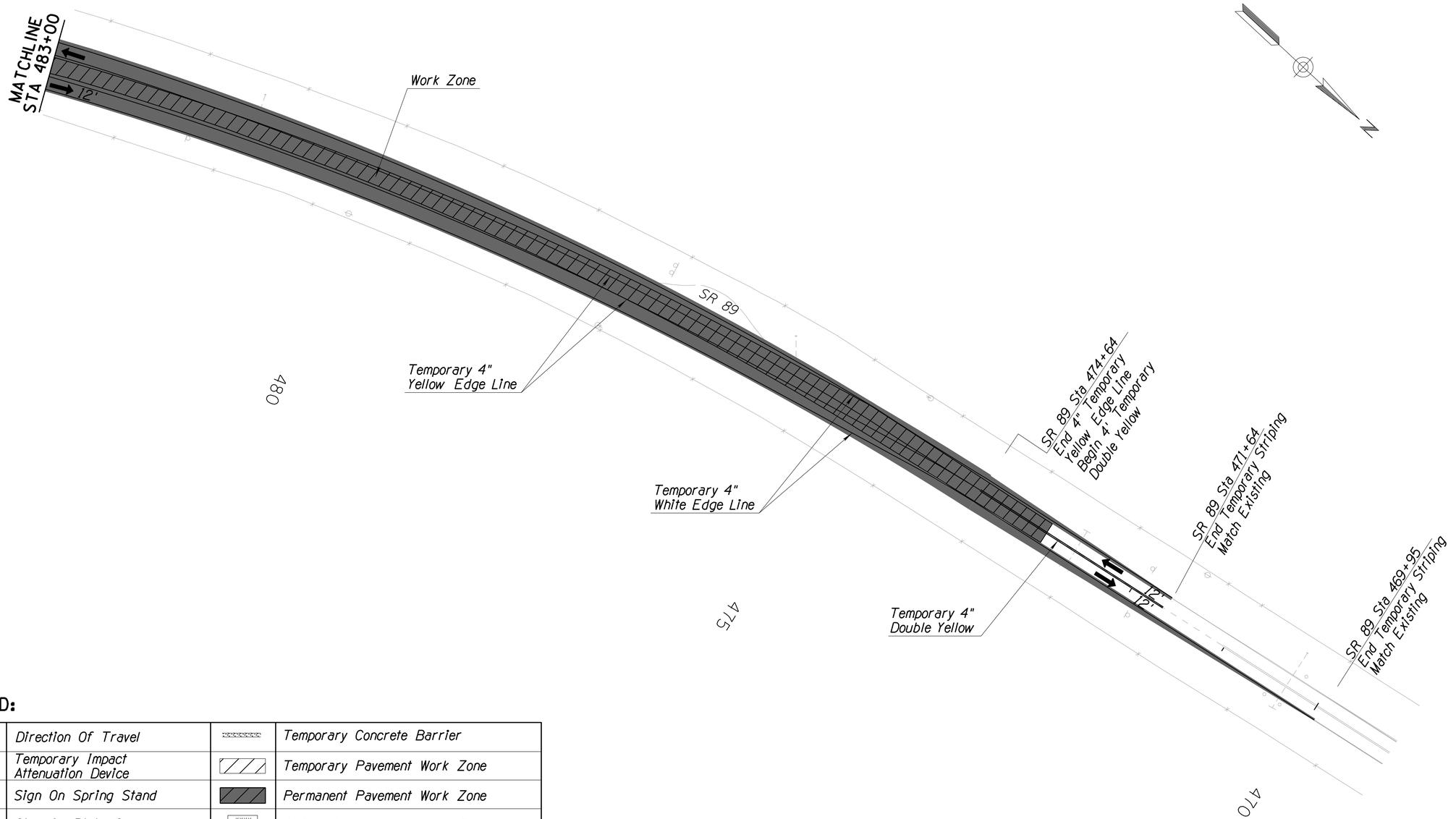
Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
(BRIANNE MARIE TURPIN)
Date Signed 6/11/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-2.31
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

PHASE 4A

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	336	524	
		093 YV 189			



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▪	Sign On Rigid Stand		CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1, 2 & 3
	Temporary Pavement Removal		Constructed Pavement Phase 1, 2 & 3

NOTE:

1. Obliterate all existing, Phase 1, Phase 2, and Phase 3 pavement marking in conflict with Phase 4A temporary pavement marking on US 93 Sta 128+20 to Sta 190+00, and on SR 89 Sta 473+64 to Sta 503+91.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

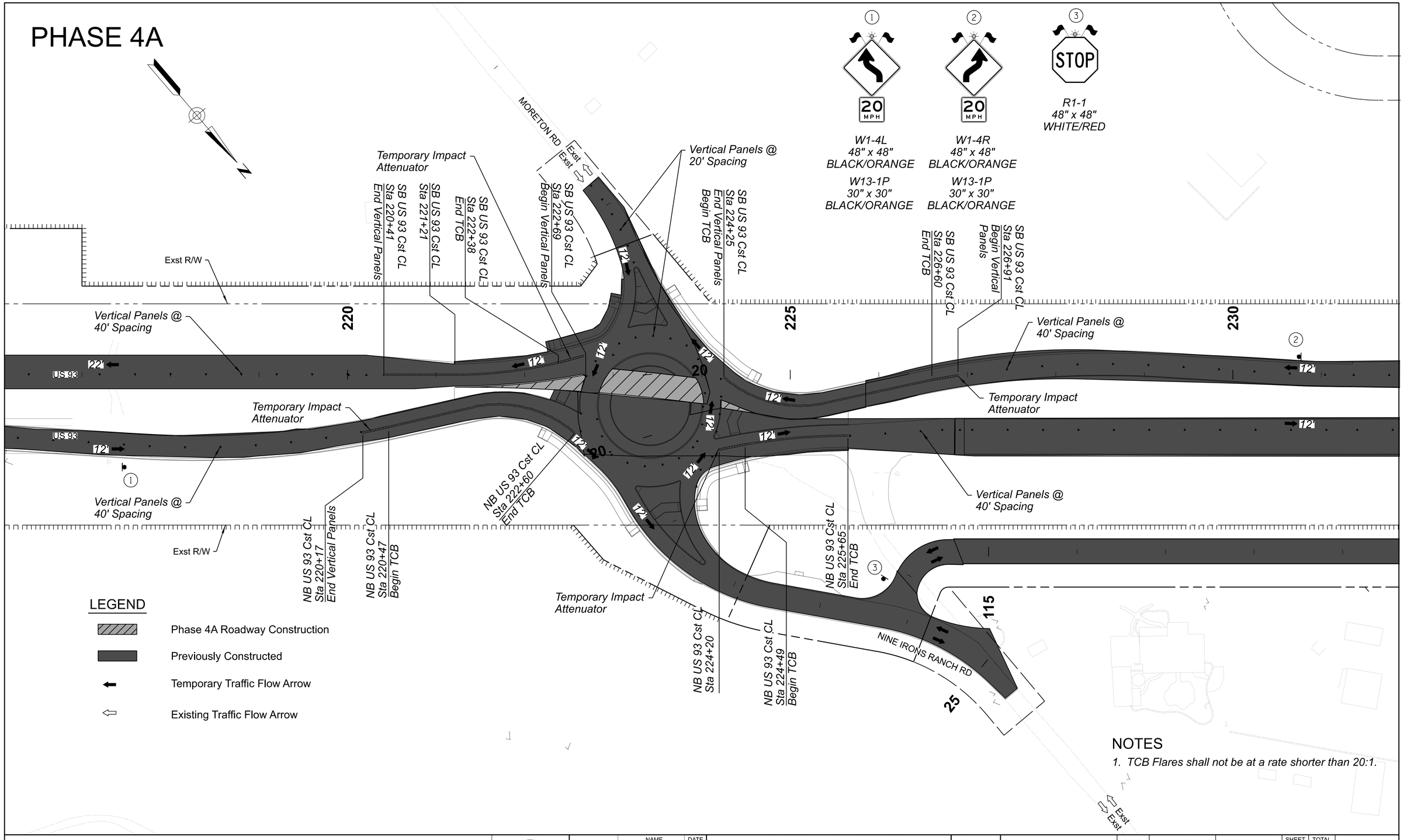
US 93 & SR 89
PHASE 4A TRAFFIC CONTROL
STA 470+00 TO STA 483+00

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE
TURPIN
Date Signed 6/11/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-2.32
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

PHASE 4A



W1-4L
48" x 48"
BLACK/ORANGE

W1-4R
48" x 48"
BLACK/ORANGE

W13-1P
30" x 30"
BLACK/ORANGE

W13-1P
30" x 30"
BLACK/ORANGE

R1-1
48" x 48"
WHITE/RED

LEGEND

- Phase 4A Roadway Construction
- Previously Constructed
- Temporary Traffic Flow Arrow
- Existing Traffic Flow Arrow

NOTES

1. TCB Flares shall not be at a rate shorter than 20:1.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100

AECOM
www.aecom.com

Registered Professional Engineer (Civil) CERTIFICATE 64542 CRAIG J. RICKETTS, JR. Date Signed 06/30/26 ARIZONA, U.S.A.

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

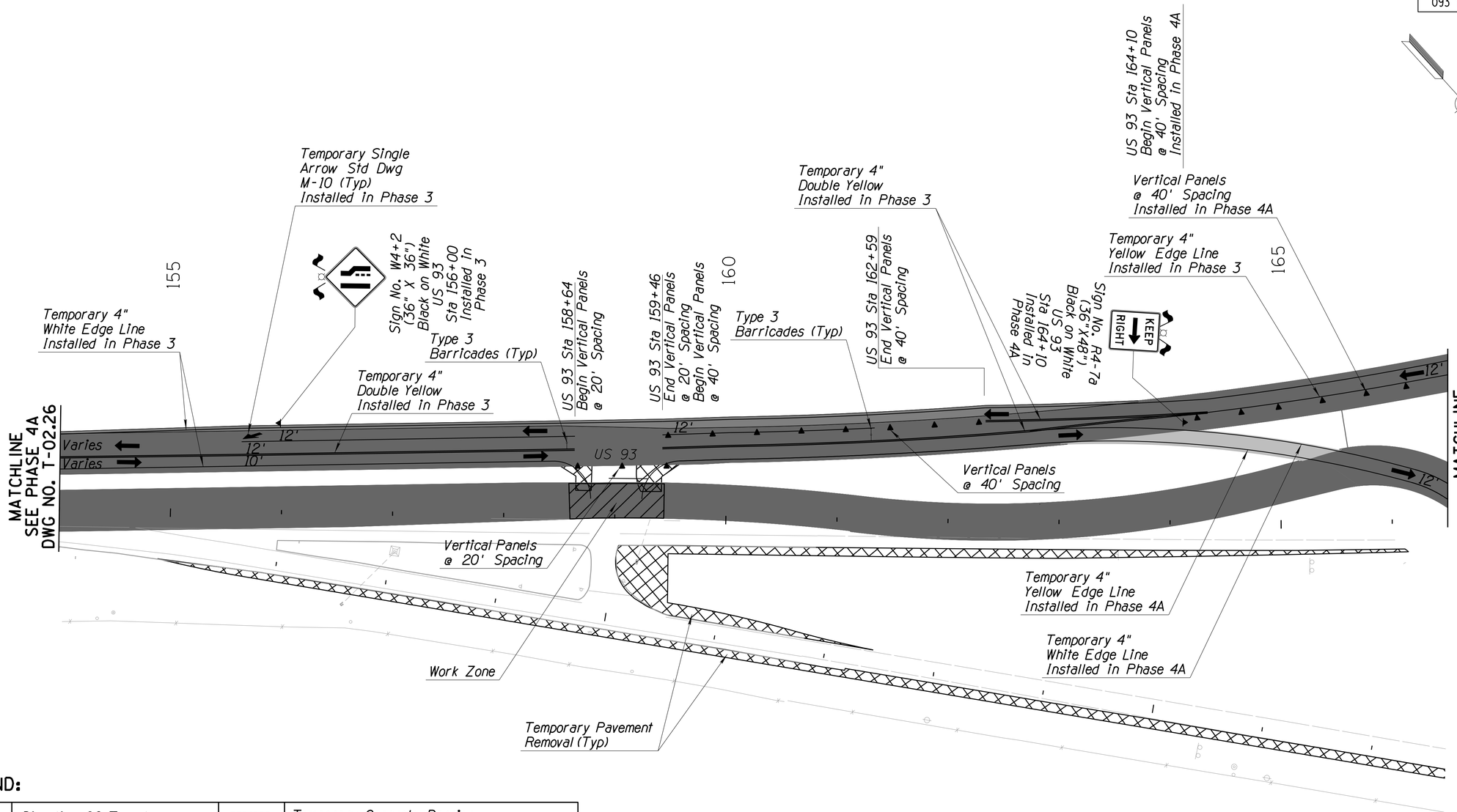
PHASE 4A - ROUNDABOUT
DETAIL SHEET STA 217+00 TO 231+00

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 190	093-B-NFA	337	524	
MILEPOST 190.5	LOCATION VISTA ROYALE					DWG No.	T-2.33
STRUCTURE NO.	TRACS NO. F0738 01C					____ OF____	

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PHASE 4B

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	338	524	
		093 YV 189			



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▸	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
⋮	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1, 2, 3 & 4A
	Temporary Pavement Removal		Constructed Pavement Phase 1, 2, 3 & 4A

NOTE:

1. Obliterate all existing pavement marking in conflict with Phase 4B temporary pavement marking.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
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Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 4B TRAFFIC CONTROL
STA 154+00 TO STA 166+50

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C | 093-B(230)T

Registered Professional Engineer Brief
CERTIFICATE NO.
51481
(BRIANNE MARIE TURPIN)
ARIZONA, U.S.A.

DWG NO. T-2.34

____ OF ____

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

PHASE 4B

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	339	524	
		093 YV 189			

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

Sign No. M3-2 (36"x 18") Black on White Sign No. M1-4a (36"x 36") Black on White Sign No. M6-2R (36"x 24") White on Black Sign No. M1-5a (36"x 36") White on Black Sign No. M3-1 (36"x 18") Black on White Sta 166+50, 121' Lt Installed in Phase 4A

Sign No. M3-1 (36"x 18") Black on White Sign No. M1-4a (36"x 36") Black on White Sign No. M6-2R (36"x 24") Black on White US 93 Sta 168+96, 18' Lt

Sign No. R1-2 (36"x36"x36") White on Red US 93 Sta 169+02, 124' Lt Installed in Phase 4A

170

Sign No. M3-3 (36"x 18") Black on White Sign No. M1-4a (36"x 36") Black on White Sign No. M6-3 (36"x 24") Black on White US 93 Sta 172+00

Sign No. M3-1 (36"x 18") Black on White Sign No. M1-5a (36"x 36") Black on White Sign No. M5-1L (36"x 24") Black on White US 93 Sta 172+00

Sign No. W2-6 (36"x36") Black on Orange Sign No. W13-1P (24"x24") Black on Orange US 93 Sta 174+39 Installed in Phase 3

175

Temporary 4" White Edge Line Installed in Phase 3

Temporary 4" Yellow Edge Line Installed in Phase 4A

Temporary 4" White Edge Line Installed in Phase 4A

MATCHLINE SEE PHASE 4A DWG NO. T-02.29

US 93

12'

MATCHLINE STA 166+50

Vertical Panels @ 40' Spacing

Vertical Panels @ 80' Spacing Installed in Phase 4A

Sign No. M3-1 (36"X 18") Black on White Sign No. M1-4a (36"X 36") Black on White Sign No. M5-1R (36"X 24") Black on White SR 89 Sta 487+75

Sign No. M3-3 (36"X 18") Black on White Sign No. M1-4a (36"X 36") Black on White Sign No. M5-1L (36"X 24") Black on White SR 89 Sta 487+75

Temporary "Yield" Legend Std Dwg M-6

Temporary 18" Yield Line

Sta 167+33, 53' Rt Sign No. M3-1 (36"x 18") Black on White Sign No. M1-5a (36"x 36") White on Black Sign No. M6-2R (36"x 24") White on Black US 93

Sign No. R1-2 (36"X36"X36") White on Red US 93 Sta 168+87, 47' Rt

SR 89 Sta 488+81 End Temporary 4" White Edge Line

SR 89 Sta 486+81 Begin Taper

SR 89 Sta 486+45 End Taper

Sign No. W2-6 (36"X36") Black on Orange Sign No. W13-1P (24"X24") Black on Orange SR 89 Sta 486+25

Sign No. R4-7a (36"X48") Black on White Sta 488+97

KEEP RIGHT

SR 89 Sta 486+81 Begin Taper

14' 11'

SR 89

C

C

Temporary 4" White Edge Line

Temporary 4" Yellow Edge Line

Temporary Pavement Removal (Typ)

490

SR 89 Sta 485+44 End Temporary 4" Yellow Edge Line Begin Temporary 4" Double Yellow

485

Temporary 4" Double Yellow

Varies 12'

MATCHLINE STA 481+00

Exst SR 89 ℄

14'	8' ±	6'	12'	3'
Lane	Shldr.	Shldr. Varies	Lane	Shldr.

Roadway Construction Completed

Temporary 4" White Edge Line

Temporary 4" Yellow Edge Line

PHASE 4B SECTION C-C

NTS

LEGEND:

→	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▸	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
	Type 3 Barricade		Temporary Pavement Phase 1, 2, 3 & 4A
	Temporary Pavement Removal		Constructed Pavement Phase 1, 2, 3 & 4A

NOTE:

1. Obliterate all existing pavement marking in conflict with Phase 4B temporary pavement marking.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 4B TRAFFIC CONTROL
STA 166+50 TO STA 178+00

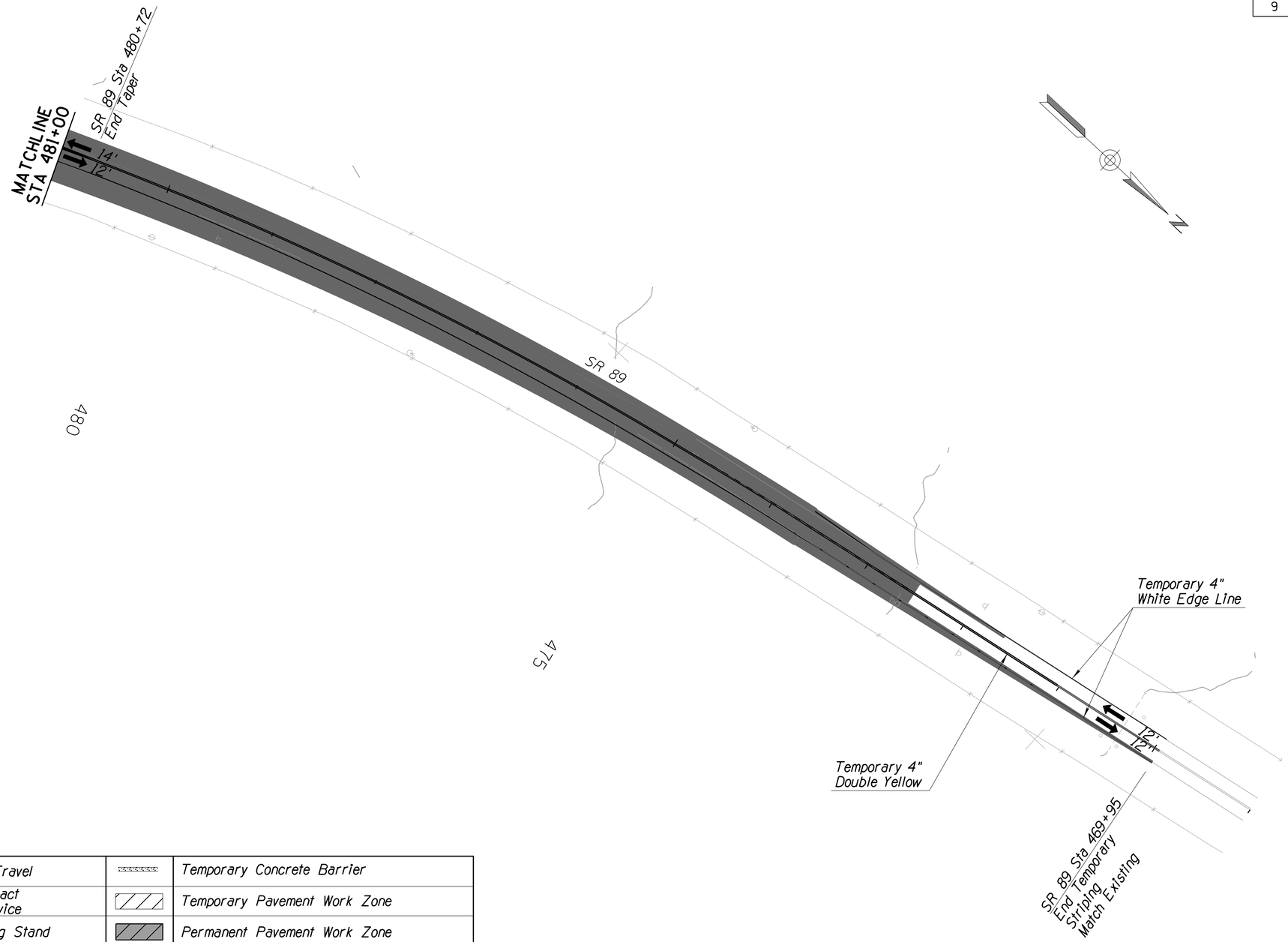
Registered Professional Engineer (Civil) CERTIFICATE NO. 51481 BRIANNE MARIE TURPIN ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-2.35
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A_tc_Phs4B_05.dgn T-2.45

PHASE 4B

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	340	524	
		093 YV 189			



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▪	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
	Type 3 Barricade		Temporary Pavement Phase 1, 2, 3 & 4A
	Temporary Pavement Removal		Constructed Pavement Phase 1, 2, 3 & 4A

NOTE:

1. Obliterate all existing pavement marking in conflict with Phase 4B temporary pavement marking.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 4B TRAFFIC CONTROL
STA 470+00 TO STA 481+00

Registered Professional Engineer Brief
CERTIFICATE NO.
51481
BRIANNE MARIE
TURPIN
Date Signed
ARIZONA, U.S.A.

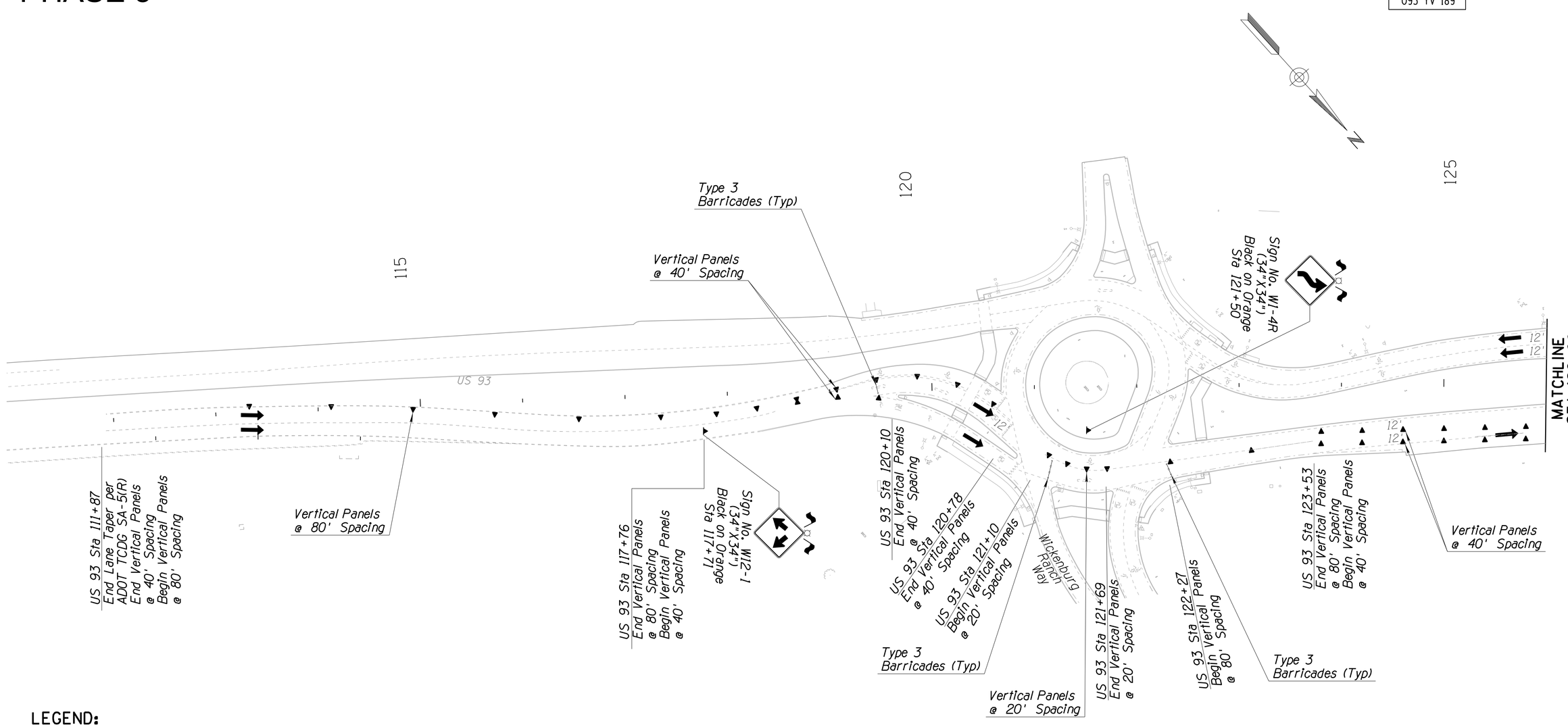
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US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A tc_Phs4B_07.dgn T-2.46

DATE | SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	341	524	
		093 YV 189			

PHASE 5



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▸	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
⋮	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1, 2, 3, 4A & 4B
	Temporary Pavement Removal		Constructed Pavement Phase 1, 2, 3, 4A & 4B

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 5 TRAFFIC CONTROL
STA 111+87 TO STA 126+00

Registered Professional Engineer (Civil)
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
Date Signed 6/11/26
ARIZONA, U.S.A.

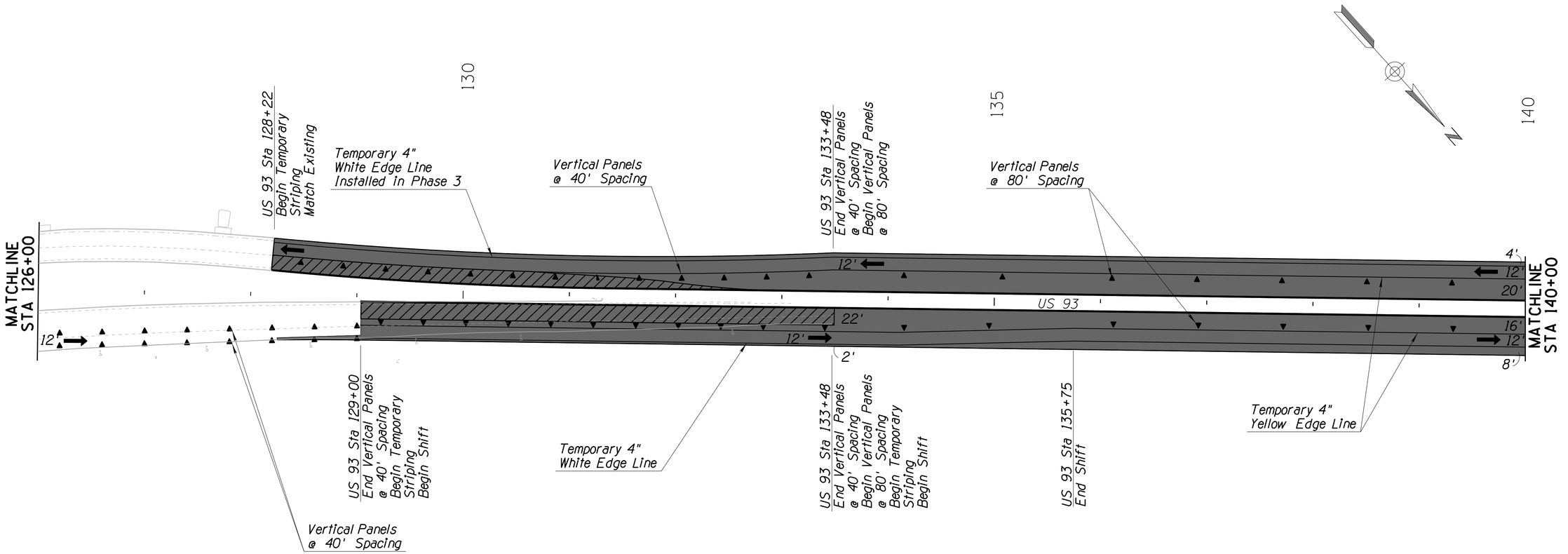
ROUTE	LOCATION	DWG NO. T-2.37
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A tc_Phs5_01.dgn T-2.47

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	342	524	
		093 YV 189			

PHASE 5



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
⚑	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
⋮	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1, 2, 3, 4A & 4B
	Temporary Pavement Removal		Constructed Pavement Phase 1, 2, 3, 4A & 4B

NOTE:

1. Obliterate all existing pavement marking in conflict with Phase 5 temporary pavement marking.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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Phoenix, Arizona 85016
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 5 TRAFFIC CONTROL
STA 126+00 TO STA 140+00

Registered Professional Engineer (Civil)
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
Date Signed 6/26/26
ARIZONA, U.S.A.

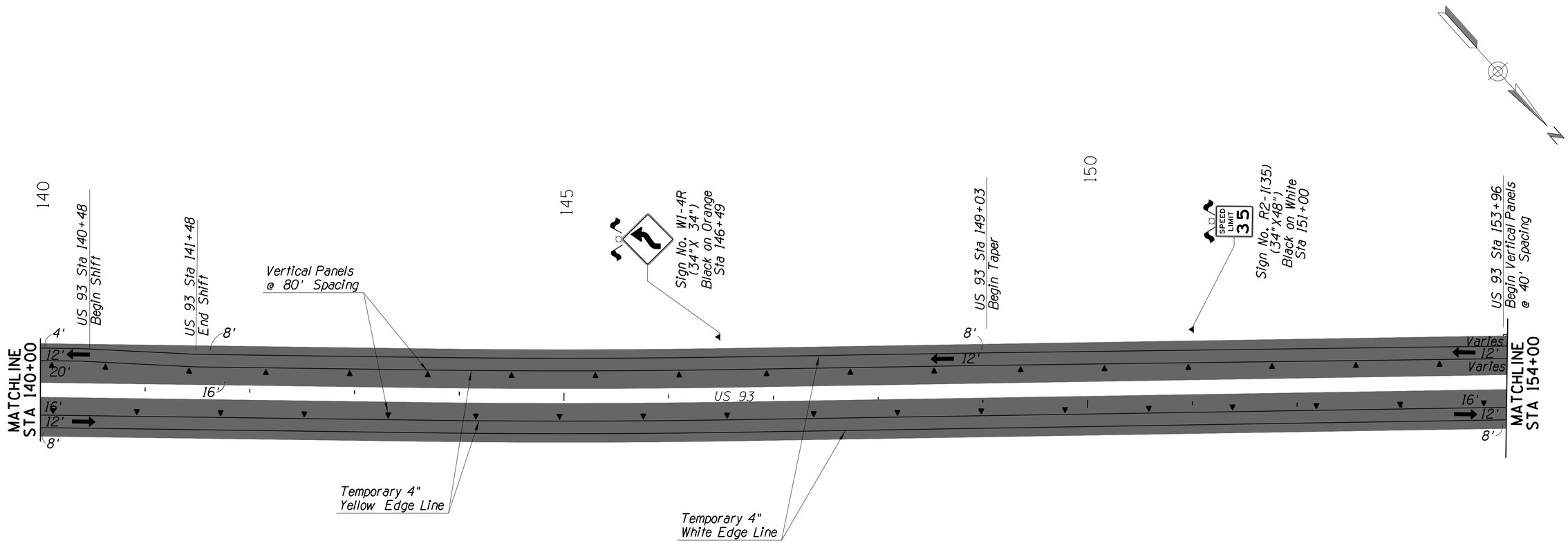
ROUTE	LOCATION	DWG NO. T-2.38
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A tc_Phs5_02.dgn T-2.48

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	343	524	
		093 YV 189			

PHASE 5



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▸	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
⁞	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1, 2, 3, 4A & 4B
	Temporary Pavement Removal		Constructed Pavement Phase 1, 2, 3, 4A & 4B

NOTE:

1. Obliterate all existing pavement marking in conflict with Phase 5 temporary pavement marking.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 5 TRAFFIC CONTROL
STA 140+00 TO STA 154+00

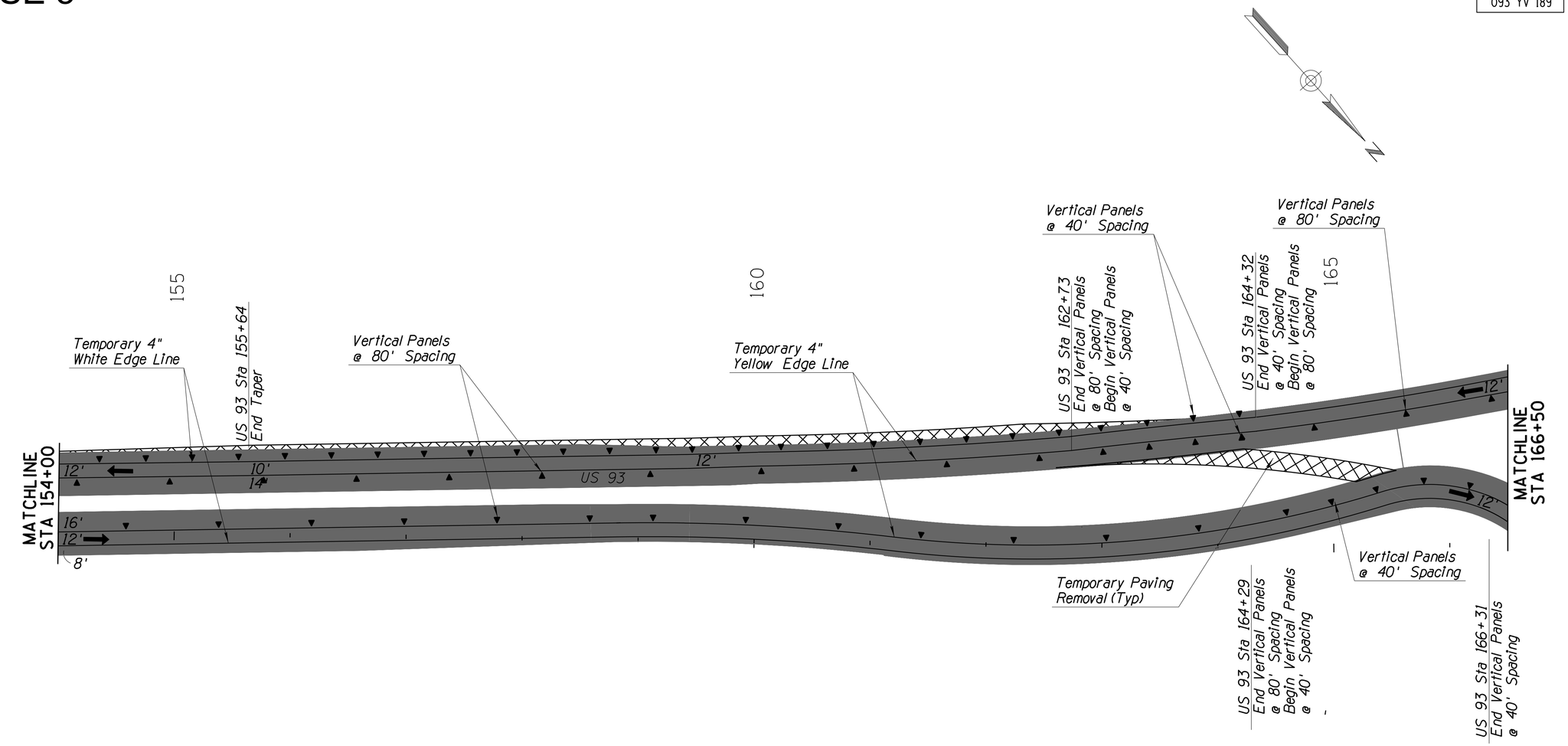
Registered Professional Engineer Seal
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
Date Signed 6/11/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-2.39
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

DATE: | SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	344	524	
		093 YV 189			

PHASE 5



LEGEND:

→	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▸	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
⁝	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1, 2, 3, 4A & 4B
	Temporary Pavement Removal		Constructed Pavement Phase 1, 2, 3, 4A & 4B

NOTE:

1. Obliterate all existing pavement marking in conflict with Phase 5 temporary pavement marking.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 5 TRAFFIC CONTROL
STA 154+00 TO STA 166+50

Registered Professional Engineer Seal
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. T-2.40
TRACS NO. F0738 01C		093-B(230)T ____ OF ____

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

PHASE 5

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	345	524	
		093 YV 189			

MATCHLINE STA 166+50

MATCHLINE STA 178+00

MATCHLINE STA 481+00

US 93

SR 89

Vertical Panels @ 80' Spacing

Vertical Panels @ 80' Spacing Installed in Phase 4A

Temporary "Yield" Legend Std Dwg M-6

Temporary 18" Yield Line

Temporary 4" Yellow Edge Line

Temporary 4" Yellow Edge Line

Temporary 4" White Edge Line

Temporary 4" Double Yellow

Sign No. M3-1 (34"X 18") Black on White
Sign No. M6-2R (34"X 24") Black on White
Sign No. M1-5a (34"X 34") Black on White
Sign No. M5-1L (34"X 24") Black on White
Sta 168+96. 18' Lt Installed in Phase 4B

Sign No. R1-2 (34"X34") White on Red
Sta 169+02. 124' Lt Installed In Phase 4A

Sign No. M3-3 (34"X 18") Black on White
Sign No. M1-4a (34"X 34") Black on White
Sign No. M6-3 (34"X 24") Black on White
Sign No. M5-1L (34"X 24") Black on White
US 93 Sta 172+00 Installed In Phase 4B

Sign No. W2-6 (34"X34") Black on Orange
Sign No. W13-1P (24"X24") Black on Orange
US 93 Sta 174+39 Installed in Phase 3

Sign No. M3-1 (34"X 18") Black on White
Sign No. M1-4a (34"X 34") Black on White
Sign No. M5-1R (34"X 24") Black on White
SR 89 Sta 487+75 Installed in Phase 4B

Sign No. M3-3 (34"X 18") Black on White
Sign No. M1-4a (34"X 34") Black on White
Sign No. M5-1L (34"X 24") Black on White
SR 89 Sta 487+75 Installed in Phase 4B

Sign No. R1-2 (34"X34") White on Red
Sta 168+87. 47' Rt Installed In Phase 4B

SR 89 Sta 488+81 End Temporary 4" White Edge Line

SR 89 Sta 486+81 Begin Taper

SR 89 Sta 486+45 End Taper

Sign No. W2-6 (34"X34") Black on Orange
Sign No. W13-1P (24"X24") Black on Orange
Sta 486+25 Installed In Phase 4B

Sign No. R4-7a (34"X48") Black on White
Sta 488+97 Installed In Phase 4B

SR 89 Sta 486+81 Begin Taper

SR 89 Sta 485+44 End Temporary 4" Yellow Edge Line Begin Temporary 4" Double Yellow

Sta 167+33. Rt Installed In Phase 4B
Sign No. M3-1 (36"X 18") Black on White
Sign No. M1-5a (36"X 36") Black on White
Sign No. M6-2R (36"X 24") White on Black
Sta 166+93. 12' Lt Installed In Phase 4A
Sign No. M3-2 (34"X 18") White on Black
Sign No. M1-4a (34"X 34") White on Black
Sign No. M6-1 (24"X 24") White on Black

LEGEND:

→	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
⚑	Sign On Rigid Stand	CMB	CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1, 2, 3, 4A & 4B
	Temporary Pavement Removal		Constructed Pavement Phase 1, 2, 3, 4A & 4B

NOTE:

1. Obliterate all existing pavement marking in conflict with Phase 5 temporary pavement marking.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC. 3133 East Camelback Road, Suite 100 Phoenix, Arizona 85016 Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 5 TRAFFIC CONTROL
STA 166+50 TO STA 178+00

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C | 093-B(230)T

Registered Professional Engineer (Civil) CERTIFICATE NO. 51481 BRIANNE MARIE TURPIN ARIZONA, U.S.A.

DWG NO. T-2.41

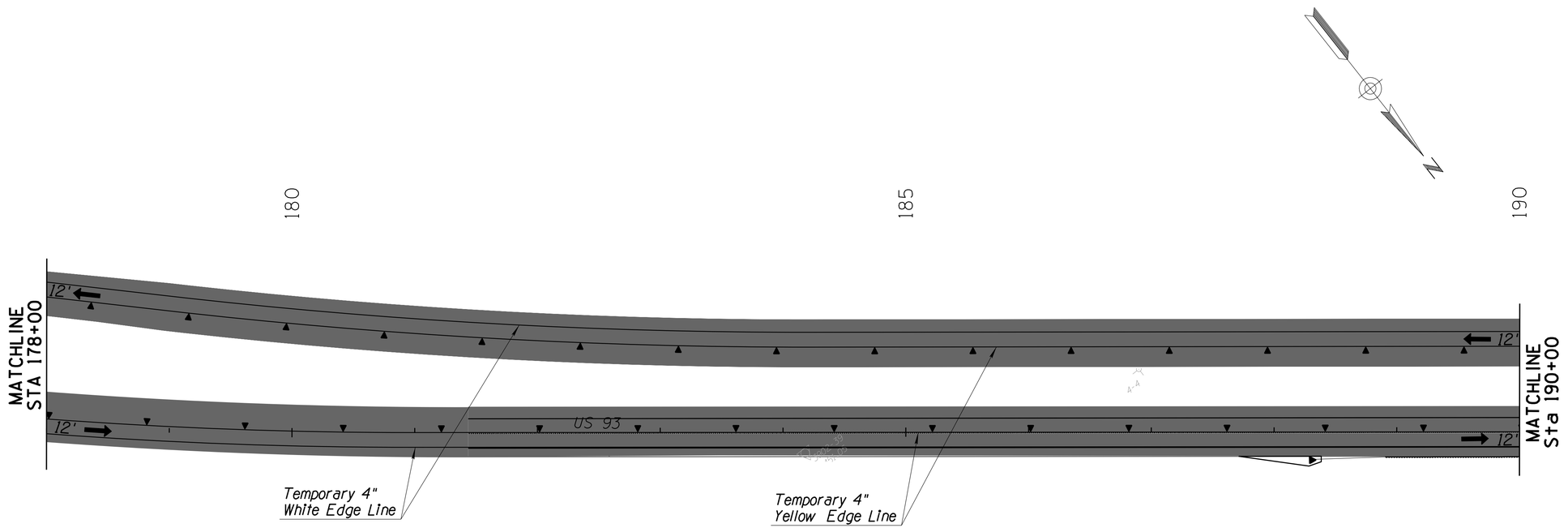
____ OF ____

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

6/11/2026 ...\t0738A tc_Phs5_05.dgn T-2.51

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	346	524	
		093 YV 189			

PHASE 5



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
⚑	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
⁝	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1, 2, 3, 4A & 4B
	Temporary Pavement Removal		Constructed Pavement Phase 1, 2, 3, 4A & 4B

NOTE:

1. Obliterate all existing pavement marking in conflict with Phase 5 temporary pavement marking.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 5 TRAFFIC CONTROL
STA 178+00 TO STA 190+00

Registered Professional Engineer Certificate No. 51481 (BRIANNE MARIE TURPIN) ARIZONA, U.S.A.

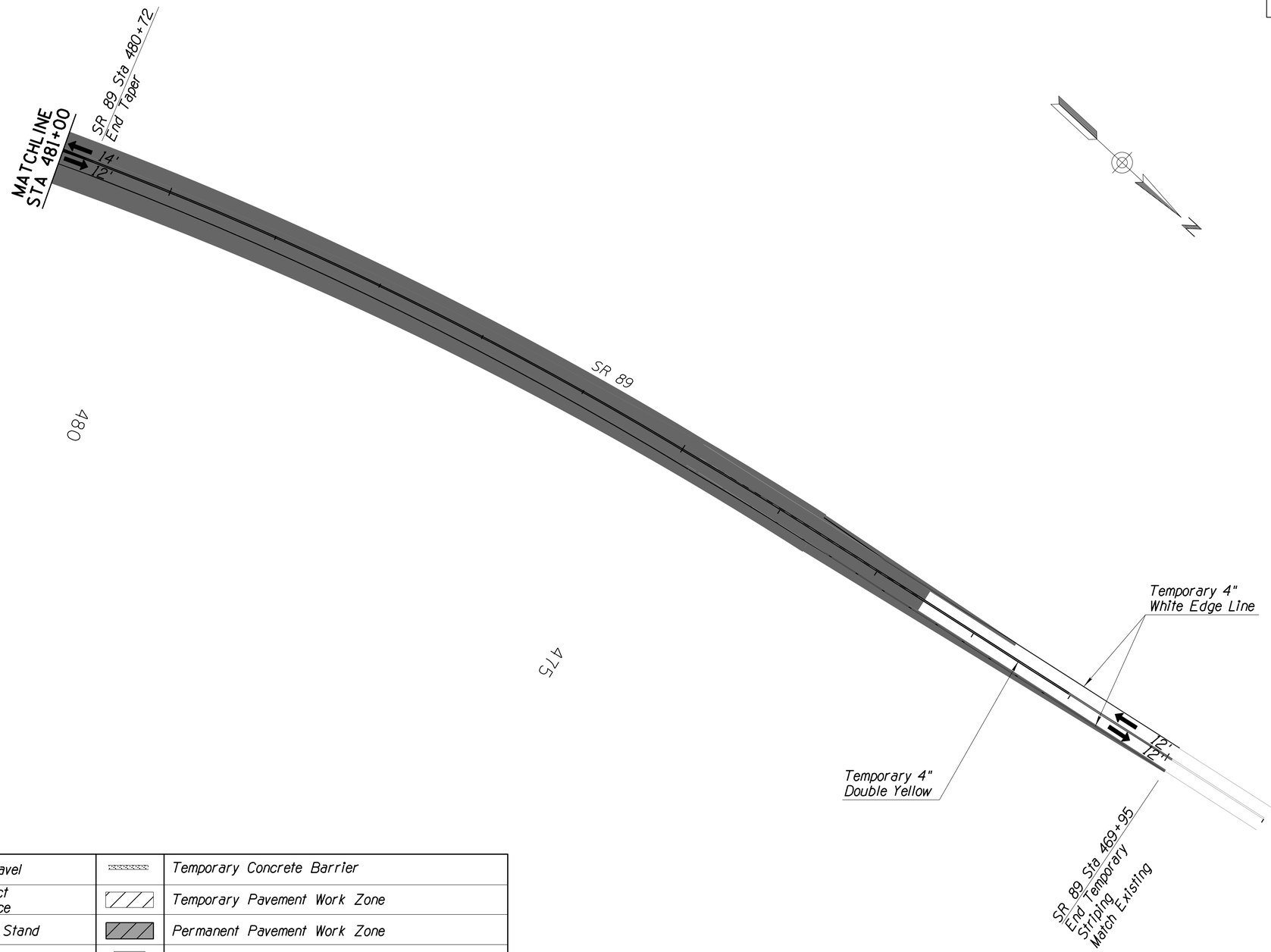
ROUTE	LOCATION	DWG NO. T-2.42
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A tc_Phs5_06.dgn T-2.52

DATE | SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

PHASE 5

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	347	524	
		093 YV 189			



LEGEND:

➡	Direction Of Travel		Temporary Concrete Barrier
	Temporary Impact Attenuation Device		Temporary Pavement Work Zone
▸	Sign On Spring Stand		Permanent Pavement Work Zone
▸	Sign On Rigid Stand	XXXX XXXX	CMB - Changeable Message Board
	Sign On Embedded Posts		Flashing Light & Warning Flags
■	Type 2 Barricade	▲	Vertical Panel
⊢	Type 3 Barricade		Temporary Pavement Phase 1, 2, 3, 4A & 4B
	Temporary Pavement Removal		Constructed Pavement Phase 1, 2, 3, 4A & 4B

NOTE:

1. Obliterate all existing pavement marking in conflict with Phase 5 temporary pavement marking.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
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Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
PHASE 5 TRAFFIC CONTROL
STA 470+00 TO STA 481+00

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

Registered Professional Engineer Brief
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
Date Signed 6/11/26
ARIZONA, U.S.A.

DWG NO. T-2.43

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	348	524	
		093 YV 189			

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

SIGNING GENERAL NOTES:

1. *All signs shall be in compliance with the 2023 Manual on Uniform Traffic Control Devices (MUTCD) including the Arizona Supplement, ADOT Signing and Marking Standard Drawings, Traffic Engineering Manual of Approved Signs, ADOT Standard Specifications, these plans, and the Special Provisions.*

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 the signs.*

4. *Unless otherwise noted, 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, guardrail 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 or the plan sheets.*

6. *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.*

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

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

9. *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.*

10. *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.*

11. *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.*

12. *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.*

13. *All new signs shall be installed on new posts with foundations as indicated on the plans in accordance with the ADOT Standard Drawings.*

14. *Shop Drawings will be required for all signs.*

15. *All relocated signs shall have new sign post and foundations.*

16. *All metal hardwear shall be stainless steel, galvanized cadmium plated or aluminum to prevent rust.*

17. *Where indicated on the sign summary, and as indicated by the Engineer, new slip bases shall be installed as shown on ADOT Std Dwg S-1.*

18. *Existing reference location mile markers (D10-3) shall be surveyed prior to sign removal and the new reference location mile marker shall be placed in the same location, laterally, as it was previously located.*

19. *Adjust location of signage foundations per AZ811 and as approved by Engineer.*

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
5133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGNING
NOTES & QUANTITIES

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-3.01
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

APPROXIMATE SIGNING QUANTITIES			
BID ITEM NO.	ITEM	UNITS	TOTAL
2020047	REMOVAL OF SIGNS	EACH	138
2020115	REMOVE (DELINEATOR)	EACH	61
2020155	REMOVE (SIGN PANEL)	EACH	3
6070002	BREAKAWAY SIGN POST S4X7.7	L. FT.	20
6070004	BREAKAWAY SIGN POST W6X12	L. FT.	202
6070006	BREAKAWAY SIGN POST W8X18	L. FT.	108
6070022	FOUNDATION FOR BREAKAWAY SIGN POST S4x7.7	EACH	2
6070024	FOUNDATION FOR BREAKAWAY SIGN POST W6X12	EACH	13
6070026	FOUNDATION FOR BREAKAWAY SIGN POST W8X18	EACH	6
6070038	SLIP BASE	EACH	151
6070054	SIGN POST (PERFORATED) (2 S)	L. FT.	44
6070055	SIGN POST (PERFORATED) (2 1/2S)	L. FT.	723
6070057	SIGN POST (PERFORATED) (2 1/2T)	L. FT.	1,357
6070060	FOUNDATION FOR SIGN POST (CONCRETE)	EACH	167
6080005	REGULATORY, WARNING, OR MARKER SIGN PANEL	SQ. FT.	1,042
6080018	EXTRUDED ALUMINUM SIGN PANEL	SQ. FT.	1,157
6080025	FLAT SHEET ALUMINUM SIGN PANEL	SQ. FT.	162
6080055	SIGN PANEL (RELOCATE)	EACH	4
7030080	OBJECT MARKER (M-23) (TYPE 3)	EACH	14
7030084	OBJECT MARKER (M-23) (TYPE 1 OR 4)	EACH	5
7030095	MILEPOST MARKER (S-10)	EACH	10

APPROXIMATE ELECTRICAL & ITS QUANTITIES			
BID ITEM NO.	ITEM	UNITS	TOTAL
7310197	BREAKAWAY BASE FOR LIGHTING POLE OR SIGNAL FLASHER	EACH	2
7330410	POLE FLASHER	EACH	2
7350021	LOOP DETECTOR (SPEED/CLASSIFICATION)	EACH	1
7350040	LOOP DETECTOR (SPEED/CLASSIFICATION) (RELOCATE)	EACH	1

NOTES

1. See sheet T-5.22 for Pole Flasher locations.

Registered Professional Engineer — CERTIFICATE — 64542 — CRAIG J. RICKETTS, JR. — Date Signed — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGNING, ELECTRICAL, & ITS QUANTITIES

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 190	093-B-NFA	349	524	
MILEPOST 190.5	LOCATION VISTA ROYALE						DWG No. T-3.02
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF____

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	350	524	
		093 YV 189			

PAVEMENT MARKING GENERAL NOTES:

1. All pavement markings shall be in compliance with the ADOT Signing and Marking Standard Drawings and the 2023 Manual on Uniform Traffic Control Devices (MUTCD), including the Arizona Supplement.

2. The pavement marking drawings are schematic only and not to scale. The contractor shall follow all dimensions and details when installing pavement markings and markers.

3. The pavement marking dimensions are to the center of the striping or in the case of double striping to the center of the double striping and are to the face of curb, face of barrier, or edge of pavement, unless otherwise noted.

4. It is the contractor's responsibility to ensure that the final surface course is placed so that the striping is offset one foot (1'-0") clear of the construction joint, unless otherwise directed by the Engineer.

5. The initial striping shall be 15 mil (0.015 inch wet) thick pavement marking paint in accordance with Section 708 of the specifications. The striping shall be installed on the roadway surface after the installation of the final pavement surface of this project and maintained until application of final extruded thermoplastic reflectorized striping.

6. The contractor shall apply one application of waterborne traffic paint as a temporary stop bar on the same day the final surface course covers an existing stop bar.

7. 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.

8. The permanent pavement marking plans may be modified as directed by the Engineer.

9. When stripe obliteration is necessary, it shall be accomplished by approved methods. Painting over striping, removal of pavement and overlaying pavement does not constitute stripe obliteration.

10. All reflective raised pavement markers shall have an abrasion-resistant coating on the face of the prismatic reflectors and shall conform to the details of ADOT Std. Dwg. M-19. They shall be installed with a bituminous adhesive which is on the ADOT Approved Products List.

11. All reflective raised pavement markers shall be installed so that the reflective face of each marker is facing the direction of traffic and is perpendicular to the direction of traffic flow. Type C pavement markers shall be installed so that the clear reflective face of each marker is facing approaching traffic and is perpendicular to the direction of traffic flow.

12. Raised pavement markers shall be installed at a minimum of 30 calendar days after completion of the final pavement surface of this project, or as directed by the Engineer.

13. Where raised pavement markers are placed along solid striping, the nearest edge of each marker shall be offset two inches from the nearest edge of the striping.

14. The contractor shall break the centerlines 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 centerlines within 10 feet of the nearest edge of pavement of the intersecting roadway.

15. The contractor shall preserve all existing pavement markings and raised pavement markers that are to remain except where noted otherwise, and shall replace any damaged markings as a result of the construction at the contractor's expense.

16. All legends and pavement arrows shall be Type IV preformed pavement marking in accordance with Section 705 of the specifications. Single arrows and "ONLY" legends shall be installed in accordance with ADOT Std Dwgs M-6, M-10, and M-11.

17. All final striping of skip striping and yield lines along ADOT maintained facilities shall be Type IV preformed pavement markings in accordance with Section 705 of the specifications.

18. All other 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.

19. At the completion of the final pavement surface of this project each day, center lines, lane lines, edge lines and stop bars shall be striped with one application of waterborne paint at the locations of the permanent striping. The paint shall have a maximum thickness specified in note 5.

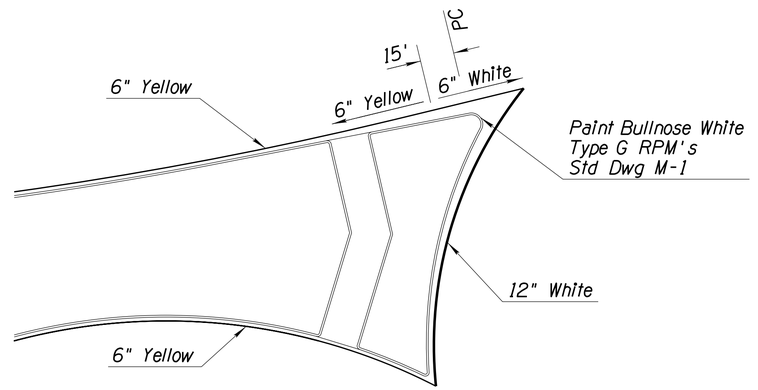
20. The contractor shall install ground-in rumble strips continuously along edge lines, except on concrete surfaces or on bridges, with no more than half an inch of SMA. The ground-in rumble strips shall conform to the details shown on ADOT Std. Dwg. M-22.

21. 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. The roadway surface shall be dry and the air and pavement temperatures shall not be less than 60 degrees F for the installation of Type IV pavement marking tape. Type I tape shall not be installed if rain is anticipated 48 hours prior to or after intended installation date.

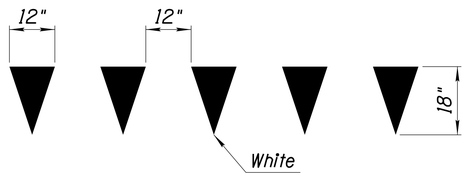
22. The contractor shall delineate all new guardrail end treatments in accordance with the ADOT Standard Drawings and ADOT Standard Specifications. There shall be no measurement or payment for the guardrail end treatment delineation.

23. For painted bullnoses, see ADOT Std. Dwg. M-1.

24. All striping dimensions are to the face of curb or edge of pavement, unless otherwise noted.



ROUNDABOUT BULLNOSE DETAIL
NTS



YIELD LINE DETAIL
NTS

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

PAVEMENT MARKING NOTES

Registered Professional Engineer (Civil) Certificate No. 51481 BRIANNE MARIE TURPIN Date Signed 6/30/26 ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-3.03
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

APPROXIMATE PAVEMENT MARKING QUANTITIES			
BID ITEM NO.	ITEM	UNITS	Total Quantity
7015052	OBLITERATE PAVEMENT MARKING (STRIPE)	L. FT	82
7040005	PAVEMENT MARKING (WHITE EXTRUDED THERMOPLASTIC) (0.090")	L. FT	130,294*
7040006	PAVEMENT MARKING (YELLOW EXTRUDED THERMOPLASTIC) (0.090")	L. FT	91,635*
7040072	PAVEMENT MARKING (TRANSVERSE)(THERMOPLASTIC)(ALKYD)(0.090")	L. FT	144*
7050060	PAVEMENT MARKING, PREFORMED, LEGEND, TYPE IV	EACH	13
7050062	PAVEMENT MARKING, PREFORMED, WHITE STRIPE, TYPE IV	L. FT	454*
7050067	PAVEMENT MARKING, PREFORMED, SYMBOL, TYPE IV	EACH	46
7050069	PAVEMENT MARKING, PREFORMED, TRANSVERSE, TYPE IV	L. FT	2,715*
7060013	PAVEMENT MARKER, RAISED, TYPE C	EACH	1,262
7060017	PAVEMENT MARKER, RAISED, TYPE E	EACH	176
7080201	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED) (WHITE)	L. FT	90,998*
7080202	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED) (YELLOW)	L. FT	61,085*
7080204	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED SYMBOL)	EACH	46
7080208	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED LEGEND) (ONLY)	EACH	13
7080301	PAINT BULL NOSE	EACH	5
9280036	GROUND-IN RUMBLE STRIP (8 INCH)	L. FT	19,017
9280037	GROUND-IN RUMBLE STRIP (12 INCH)	L. FT	56,248

NOTES

1. *Quantity totals with an asterisk* * are provided in 4-inch equivalent lengths.

Registered Professional Engineer — 64542 — CRAIG J. RICKETTS, JR. — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

PAVEMENT MARKING QUANTITIES

ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 190	093-B-NFA	351	524	

LOCATION VISTA ROYALE

TRACS NO. F0738 01C

DWG No. T-3.04

____ OF ____

Plan Sht No.	Sign Number	MOAS Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Modify Legend	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in.)	Panel: Height (in.)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Ground Mounted: New Slipbases	Ground Mounted: Stringer: Type	Ground Mounted: Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: Number of Lights	Remarks
Northbound US-93																										
T-5.01	N194.47A	Guide		X								Wickenburg Ranch Way/US-93 Roundabout					2020155									Remove existing sign panel
																										Replace with new panel
																										See N194.47B
T-5.01	N194.29	W4-2					X					Lane Ends					2020047									
T-5.01	N194.23	M2-101						X				JUNCTION														
												SR-89														
												1/2 MILE														
T-5.02	N194.04	R2-1					X					SPEED LIMIT 55					2020047									
T-5.02	N194.00A	D10-3					X					Mile Post 194					2020047									
T-5.02	N194.00B	D14-101					X					Adopt A Highway					2020047									
T-5.02	N193.92	D7-101			X							Granite Mtn Hotshots					6080055									Relocate to N193.93
												Memorial State Park														
												18 MILES														
T-5.02	N193.91R	OM3					X					Type 3 Object Marker					2020047									
T-5.02	N193.91L	OM3					X					Type 3 Object Marker					2020047									
T-5.02	N193.86	D1-2					X					Straight Arrow Kingman, Congress					2020047									
												Prescott 45 Degree Turn Arrow														
T-5.03	N193.77A	R4-7					X					Keep Right Symbol					2020047									
	+	OM1-2					X					Type 1 Object Marker														
T-5.03	N193.77B	M1-4					X					US-93					2020047									
	+	M6-3					X					Straight Arrow														
	+	M1-5a(89)					X					ARIZONA 89														
	+	M5-2					X					45 Degree Advance Turn Arrow														
T-5.03	N193.73	M1-4					X					US-93					2020047									
	+	M6-3					X					Straight Arrow														
	+	M1-5a(89)					X					ARIZONA 89														
	+	M6-2					X					Diagonal Arrow														

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	352	524	
		093 YV 189			

DATE | MADE BY | NO.2 DESCRIPTION OF REVISION | DATE | MADE BY | NO.1 DESCRIPTION OF REVISION

Notes:

1. The Engineer shall verify post lengths and elevations.
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F-Dem: Flat-sheet aluminum with demountable characters

Ext: Aluminum extrusions

Sheeting Type:

See Special Provisions Section 1007

Colors:

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

Stringer Types:

P: Square-tube post
T: T-Section

Post Types:

2S-2" Single
2T-2" Telescoping
2 1/2S-2 1/2" Single
2 1/2T-2 1/2" Telescoping

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
EXISTING SIGN SUMMARY
NORTHBOUND

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG NO. T-4.01
TRACS NO. F0738 01C
093-B(230)T
____ OF ____

6/11/2026 6/11/2026 ...\t0738A ssum02.dgn T-4.01

Plan Sht No.	Sign Number	MOAS Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Modify Legend	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in.)	Panel: Height (in.)	Panel: Area (sq. ft.)	Panel: Type	Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Ground Mounted: New Slipbases	Ground Mounted: Stringer: Type	Ground Mounted: Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: Number of Lights	Remarks
T-5.03	N193.71	D14-101					X					Adopt A Highway					2020047									
T-5.03	N193.68	D1-2					X					Straight Arrow Kingman, Congress					2020047									
												Prescott Diagonal Arrow														
T-5.03	N193.58	M3-1					X					NORTH					2020047									
	+	M1-4					X					US-93														
T-5.04	N193.50	W4-2					X					Lane Ends Right					2020047									
	-	R5-1					X					DO NOT ENTER														Back to Back
T-5.04	N193.48	R6-1R					X					ONE WAY (Right)					2020047									
T-5.04	N193.45A	R1-1					X					STOP					2020047									
T-5.04	N193.45B	R6-1R					X					ONE WAY (Right)					2020047									
T-5.04	N193.41	M3-1					X					NORTH					2020047									
	+	M1-4					X					US-93														
T-5.04	N193.39	W6-1					X					Divided Highway Symbol					2020047									
T-5.04	N193.38	W6-1					X					Divided Highway Symbol					2020047									
T-5.04	N193.37	W6-3					X					Two-way Traffic Symbol					2020047									
	-	R5-1					X					DO NOT ENTER														Back to Back
Southbound US-93																										
T-5.05	S193.05	M2-101					X					JUNCTION SR-89 1/2 MILE					2020047									
T-5.05	S193.11	W14-3					X					No Passing Zone					2020047									
T-5.05	S193.15	R5-112					X					Vehicle Noise Laws Enforced					2020047									
T-5.05	S193.21	W6-1					X					Divided Highway Symbol					2020047									
T-5.04	S193.31	R2-1					X					SPEED LIMIT 55					2020047									

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	353	524	
		093 YV 189			

MADE BY | DATE

NO.2 DESCRIPTION OF REVISION | DATE

NO.1 DESCRIPTION OF REVISION

Notes:

1. The Engineer 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:

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Ext: Aluminum extrusions

Sheeting Type:

See Special Provisions Section 1007

Colors:

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

Stringer Types:

P: Square-tube post
T: T-Section

Post Types:

2S-2" Single
2T-2" Telescoping
2 1/2S-2 1/2" Single
2 1/2T-2 1/2" Telescoping

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
EXISTING SIGN SUMMARY
NORTHBOUND/SOUTHBOUND

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-4.02
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

6/11/2026 6/11/2026 ...\t0738A ssum03.dgn T-4.02

Plan Sht No.	Sign Number	MOAS Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Modify Legend	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in.)	Panel: Height (in.)	Panel: Area (sq. ft.)	Panel: Type	Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Ground Mounted: New Slipbases	Ground Mounted: Stringer: Type	Ground Mounted: Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: Number of Lights	Remarks
T-5.04	S193.37	R4-7					X					Keep Right Symbol					2020047									
	+	OM1-2					X					Type 1 Object Marker														
T-5.04	S193.45	W4-1L					X					Left Merge Symbol					2020047									
T-5.04	S193.48	R1-1					X					STOP					2020047									
T-5.04	S193.49	R1-1					X					STOP					2020047									
	+	R6-3a					X					DIVIDED HIGHWAY (T-Int Symbol)														Back to Back
	-	R5-1					X					DO NOT ENTER														
T-5.04	S193.51A	Guide					X					Left Arrow Wickenburg					2020047									
T-5.04	S193.51B	R5-1					X					DO NOT ENTER					2020047									
T-5.04	S193.51C	R1-2					X					YIELD					2020047									
T-5.04	S193.54R	R5-1a					X					WRONG WAY					2020047									
T-5.04	S193.54L	R5-1a					X					WRONG WAY					2020047									
T-5.03	S193.60	M4-5					X					TO					2020047									
	+	M3-1					X					NORTH														
	+	M1-5a					X					SR-89														
	+	M6-1L					X					Left Arrow														
	+	M3-3					X					SOUTH														
	+	M1-4					X					US-93														
	+	M6-3					X					Straight Arrow														
T-5.03	S193.61	R3-5L					X					Left Turn Arrow ONLY					2020047									
	+	R3-5bP					X					LEFT LANE														
T-5.03	S193.64R	W6-2					X					Divided Highway Ends Symbol					2020047									
T-5.03	S193.64L	W6-2					X					Divided Highway Ends Symbol					2020047									
T-5.03	S193.70R	W4-2					X					Lane Ends					2020047									
T-5.03	S193.70L	W4-2					X					Lane Ends					2020047									

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	354	524	
		093 YV 189			

DATE | MADE BY | NO.2 DESCRIPTION OF REVISION | DATE | MADE BY | NO.1 DESCRIPTION OF REVISION

Notes:

1. The Engineer shall verify post lengths and elevations.
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Panel Types:

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Ext: Aluminum extrusions

Sheeting Type:

See Special Provisions Section 1007

Colors:

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

Stringer Types:

P: Square-tube post
T: T-Section

Post Types:

2S-2" Single
2T-2" Telescoping
2 1/2S-2 1/2" Single
2 1/2T-2 1/2" Telescoping

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
EXISTING SIGN SUMMARY
SOUTHBOUND

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C | 093-B(230)T

DWG NO. T-4.03

____ OF ____

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

6/11/2026 6/11/2026 ...\t0738A ssum04.dgn T-4.03

Plan Sht No.	Sign Number	MOAS Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Modify Legend	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in.)	Panel: Height (in.)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Ground Mounted: New Slipbases	Ground Mounted: Stringer: Type	Ground Mounted: Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: Number of Lights	Remarks
T-5.03	S193.78	W6-3					X					Two-way Traffic Symbol					2020047									
	-	R5-1					X					DO NOT ENTER														Back to Back
T-5.03	S193.80A	I3-101			X							ENTERING					6080055									Relocate to S193.80B
												Wickenburg														
												ELEVATION 2093														
												FOUNDED 1863														
T-5.02	S193.85	R2-1					X					SPEED LIMIT 55					2020047									
T-5.02	S193.91R	OM3					X					Type 3 Object Marker					2020047									
T-5.02	S193.91L	OM3					X					Type 3 Object Marker					2020047									
T-5.02	S194.00A	D14-101					X					Adopt A Highway					2020047									
	+	D10-3					X					Mile Post 194														
T-5.01	S194.11	W2-6					X					Roundabout					2020047									Remove signs and
	+	W13-1P					X					20 MPH														Flashing Assembly
T-5.01	S194.15	R4-7					X					Keep Right Symbol					2020047									
	+	OM1-2					X					Type 1 Object Marker														
T-5.01	S194.20A	Guide		X								Wickenburg Ranch Way/US-93 Roundabout					2020155									Remove existing sign panel
																										Replace with new panel
																										See S194.20B
T-5.01	S194.28	R3-8KQ						X				Left-Straight/Straight-Right														
T-5.01	S194.32	R1-2						X				YIELD														
Northbound SR-89																										
T-5.03	N258.10	R3-2					X					No Left Turn Symbol					2020047									
T-5.03	N258.12	R5-1					X					DO NOT ENTER					2020047									
T-5.04	N258.22	W6-2					X					Divided Highway Ends Symbol					2020047									
T-5.04	N258.39	W6-3					X					Two-way Traffic Symbol					2020047									Back to Back
	-	R5-1					X					DO NOT ENTER														

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	355	524	
		093 YV 189			

DATE | MADE BY | DESCRIPTION OF REVISION
NO.2
DATE | MADE BY | DESCRIPTION OF REVISION
NO.1

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2 1/2S-2 1/2" Single
2 1/2T-2 1/2" Telescoping

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 SOUTHBOUND
SR 89 NORTHBOUND
EXISTING SIGN SUMMARY

Registered Professional Engineer Stamp
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. T-4.04

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

6/11/2026 6/11/2026 ...\t0738A ssum05.dgn T-4.04

Plan Sht No.	Sign Number	MOAS Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Modify Legend	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in.)	Panel: Height (in.)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Ground Mounted: New Slipbases	Ground Mounted: Stringer: Type	Ground Mounted: Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: Number of Lights	Remarks
T-5.06	N258.47	R5-111			X							No Trucks, OVER 40 FEET					6080055									Relocate to N258.60
												37 MILES AHEAD, ON SR 89														
T-5.06	N258.51	M3-1			X							NORTH					6080055									Relocate to N258.51
	+	M1-5a(89)			X							ARIZONA 89														
T-5.06	N258.56R	OM3					X					Type 3 Object Marker					2020047									
T-5.06	S258.56R	OM3					X					Type 3 Object Marker					2020047									
T-5.06	N258.64R	OM3					X					Type 3 Object Marker					2020047									
T-5.06	S258.64R	OM3					X					Type 3 Object Marker					2020047									
T-5.06	N258.65A	R2-1					X					SPEED LIMIT 65					2020047									
Southbound SR-89																										
T-5.06	S258.76A	W3-5az		X								SPEED REDUCED AHEAD					2020155									Remove existing sign panel
																										Replace with new panel
																										See S258.76B
T-5.06	S258.65A	R2-1					X					SPEED LIMIT 35					2020047									
T-5.06	S258.64L	OM3						X				Type 3 Object Marker														
T-5.06	N258.64L	OM3						X				Type 3 Object Marker														
T-5.06	S258.56L	OM3						X				Type 3 Object Marker														
T-5.06	N258.56L	OM3						X				Type 3 Object Marker														
T-5.06	S258.55A	W6-1					X					Divided Highway Symbol					2020047									
T-5.06	S258.43A	R4-1					X					DO NOT PASS					2020047									
T-5.04	S258.40	R4-7					X					Keep Right Symbol					2020047									
T-5.04	S258.37	D1-2					X					Straight Arrow Wickenburg					2020047									
												Phoenix, Kingman Right Arrow														
T-5.04	S258.35R	W3-1					X					Stop Ahead					2020047									

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	356	524	
		093 YV 189			

DATE | MADE BY | NO.2 DESCRIPTION OF REVISION | DATE | MADE BY | NO.1 DESCRIPTION OF REVISION

Notes:

1. The Engineer 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 with direct applied or silk-screened characters

F-Dem: Flat-sheet aluminum with demountable characters

Ext: Aluminum extrusions

Sheeting Type:

See Special Provisions Section 1007

Colors:

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

Stringer Types:

P: Square-tube post
T: T-Section

Post Types:

2S-2" Single
2T-2" Telescoping
2 1/2S-2 1/2" Single
2 1/2T-2 1/2" Telescoping

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SR 89
EXISTING SIGN SUMMARY
NORTHBOUND/SOUTHBOUND

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-4.05
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

6/11/2026 6/11/2026 ...\t0738A ssum06.dgn T-4.05

Plan Sht No.	Sign Number	MOAS Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Modify Legend	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in.)	Panel: Height (in.)	Panel: Area (sq. ft.)	Panel: Type	Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Ground Mounted: New Slipbases	Ground Mounted: Stringer: Type	Ground Mounted: Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: Number of Lights	Remarks
T-5.04	S258.35L	W3-1					X					Stop Ahead					2020047									
T-5.04	S258.33R	R5-1a					X					WRONG WAY					2020047									
T-5.04	S258.33L	R5-1a					X					WRONG WAY					2020047									
T-5.04	S258.30	M3-3					X					SOUTH					2020047									
	+	M1-4					X					US-93														
	+	M6-3					X					Straight Arrow														
	+	M3-1					X					NORTH														
	+	M1-4					X					US-93														
	+	M6-1R					X					Right Arrow														
Matthie Ranch Rd																										
T-5.03	M1	R1-1					X					STOP					2020047									
T-5.03	M2	R1-1					X					STOP					2020047									
T-5.03	M3	R6-1L					X					ONE WAY (Left)					2020047									
T-5.03	M4	R6-1L					X					ONE WAY (Left)					2020047									
	+	R1-1					X					STOP														
T-5.03	M5	M3-1					X					NORTH					2020047									
	+	M1-5a(89)					X					ARIZONA 89														
T-5.03	M6	R1-1					X					STOP					2020047									
T-5.03	M7	R6-1L					X					ONE WAY (Left)					2020047									
T-5.03	M8	R6-1L					X					ONE WAY (Left)					2020047									
Wickenburg Ranch Way																										
T-5.01	W-15	R4-7						X				Keep Right Symbol														
		OM1-2						X				Type 1 Object Marker														
T-5.01	W-18	R1-2						X				YIELD														
T-5.01	W-19	R1-2						X				YIELD														
T-5.01	W-20A	D1-1d					X					Matthie Ranch Rd, Diag Arrow US-93, Right Arrow					2020047									

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	357	524	

093 YV 189

DATE | MADE BY | NO.2 DESCRIPTION OF REVISION | DATE | MADE BY | NO.1 DESCRIPTION OF REVISION

Notes:

1. The Engineer 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 with direct applied or silk-screened characters

F-Dem: Flat-sheet aluminum with demountable characters

Ext: Aluminum extrusions

Sheeting Type:

See Special Provisions Section 1007

Colors:

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

Stringer Types:

P: Square-tube post
T: T-Section

Post Types:

2S-2" Single
2T-2" Telescoping
2 1/2S-2 1/2" Single
2 1/2T-2 1/2" Telescoping

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
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Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SR 89 SOUTHBOUND
CROSSROAD
EXISTING SIGN SUMMARY

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-4.06
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

6/11/2026 6/11/2026 ...\t0738A ssum07.dgn T-4.06

Plan Sht No.	Sign Number	MOAS Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Modify Legend	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in.)	Panel: Height (in.)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Ground Mounted: New Slipbases	Ground Mounted: Stringer: Type	Ground Mounted: Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: Number of Lights	Remarks
Northbound US-93																										
T-5.07	N194.47B	Guide	X								GR	Wickenburg Ranch Way/US-93 Roundabout	216	108	162.0	Ext	6080018									Install on Existing Posts
T-5.07	N194.23	M2-101						X				JUNCTION														
												SR-89														
												1/2 MILE														
T-5.08	N194.04	R2-1	X						12	7	WH	SPEED LIMIT 50	36	48	12.0	RWM	6080005	2	2 1/2S	27	2					
T-5.08	N194.00C	D10-3	X						12	4	GR	Mile Post 194					7030095									
T-5.08	N193.93	D7-103			X				12	7	BR	Granite Mtn Hotshots					6080055	2	S4x7.7	20						Relocated from Exst N193.92
												Memorial State Park														
												18 MILES (Right Arrow)														
T-5.08	N193.91R	OM3	X						6	4	YL	Type 3 Object Marker					7030080									
T-5.08	N193.91L	OM3	X						6	4	YL	Type 3 Object Marker					7030080									
T-5.09	N193.54	Guide	X						12	7	GR	US-93 North/SR-89 North Roundabout	108	108	81.0	Ext	6080018	2	W6x12	34						
T-5.10	N193.52R	W2-6	X						12	7	YL	Roundabout	36	36	9.0	RWM	6080005	2	2 1/2T	30	2					
	+	W13-1P	X								YL	20 M.P.H.	30	30	6.3	RWM	6080005									
T-5.10	N193.52L	W2-6	X						12	7	YL	Roundabout	36	36	9.0	RWM	6080005	2	2 1/2T	30	2					
	+	W13-1P	X								YL	20 M.P.H.	30	30	6.3	RWM	6080005									
T-5.10	N193.51A	R4-108	X								WH	STATE LAW	42	24	7.0	RWM	6080005	1	2 1/2S	11						Mount on Light Pole Std Dwg S-
												TUCKS IN ROUNDABOUT														
												HAVE RIGHT-OF-WAY														
T-5.10	N193.51B	R3-8KQ	X						12	7	WH	Left-Straight/Straight-Right	36	30	7.5	RWM	6080005	1	2 1/2S	12						
T-5.10	N193.48R	R1-2	X						6	7	WH	YIELD	48	48	8.0	RWM	6080005	2	2 1/2T	27	2					
T-5.10	N193.48L	R1-2	X						6	7	WH	YIELD	48	48	8.0	RWM	6080005	2	2 1/2T	27	2					
T-5.10	N193.47	R6-4b	X						6	4	WH	Roundabout Directional (4)	60	24	10.0	RWM	6080005	2	2 1/2S	23	2	P	5			

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	358	524	
		093 YV 189			

DATE | MADE BY | NO.2 DESCRIPTION OF REVISION | DATE | MADE BY | NO.1 DESCRIPTION OF REVISION

Notes:

1. The Engineer 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 with direct applied or silk-screened characters

F-Dem: Flat-sheet aluminum with demountable characters

Ext: Aluminum extrusions

Sheeting Type:

See Special Provisions Section 1007

Colors:

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

Stringer Types:

P: Square-tube post
T: T-Section

Post Types:

2S-2" Single
2T-2" Telescoping
2 1/2S-2 1/2" Single
2 1/2T-2 1/2" Telescoping

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC. 3133 East Camelback Road, Suite 100 Phoenix, Arizona 85016 Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
NEW SIGN SUMMARY
NORTHBOUND

Registered Professional Engineer Stamp: CERTIFICATE NO. 51481 BRIANNE MARIE TURPIN — ARIZONA, U.S.A.

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG NO. T-4.07
TRACS NO. F0738 01C
093-B(230)T
____ OF ____

6/11/2026 6/11/2026 ...\t0738A ssum10.dgn T-4.07 US 93 NORTHBOUND

Plan Sht No.	Sign Number	MOAS Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Modify Legend	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in.)	Panel: Height (in.)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Ground Mounted: Stringer: New Slipbases	Ground Mounted: Stringer: Type	Ground Mounted: Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: Number of Lights	Remarks
T-5.10	N193.46	D1-1	X						2	7	GR	SR-89 NORTH Diagnoal Arrrow	84	18	10.5	F-DA	6080025	2	2 1/2S	22	2	P	6			
T-5.10	N193.44	R1-2	X						2	7	WH	YIELD	48	48	8.0	RWM	6080005	2	2 1/2T	27	2					
T-5.10	N193.43A	R1-2	X						6	7	WH	YIELD	48	48	8.0	RWM	6080005	2	2 1/2T	27	2					
T-5.10	N193.43B	D1-1	X						2	7		US-93 NORTH Diagonal Arrow	84	18	10.5	F-DA	6080025	2	2 1/2S	22	2	P	6			
T-5.10	N193.41	M3-1	X						12	7	WH	NORTH	36	18	4.5	RWM	6080005	1	2 1/2T	12	1					
	+	M1-4	X								BK	US-93	36	36	9.0	RWM	6080005									

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	359	524	
		093 YV 189			

DATE | MADE BY | NO.2 DESCRIPTION OF REVISION | DATE | MADE BY | NO.1 DESCRIPTION OF REVISION

Notes:

1. The Engineer 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 with direct applied or silk-screened characters

F-Dem: Flat-sheet aluminum with demountable characters

Ext: Aluminum extrusions

Sheeting Type:

See Special Provisions Section 1007

Colors:

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

Stringer Types:

P: Square-tube post
T: T-Section

Post Types:

2S-2" Single
2T-2" Telescoping
2 1/2S-2 1/2" Single
2 1/2T-2 1/2" Telescoping

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
NEW SIGN SUMMARY
NORTHBOUND

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. T-4.08

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

6/11/2026 6/11/2026 ...\t0738A ssum11.dgn T-4.08 US 93 NORTHBOUND

Plan Sht No.	Sign Number	Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Relocate Str	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in)	Panel: Height (in)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Stringer: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: # of Lights	Remarks
T-5.13	N01-1	R2-1					x					SPEED LIMIT 65					2020047									
T-5.13	N01-2	R2-1	x						12	7	WH	SPEED LIMIT 45	36	48	12.0	RWM	6080005	1	2 1/2T	13	1					
T-5.13	N01-3	D10-3					x					Mile Marker 193					2020047									
T-5.13	N01-4	D10-3	x						12	4	GR	Mile Marker 193					7030095									
T-5.14	N02-1	D2-3					x					Jct 71 11 / Wikieup 69 / Kingman 121					2020047									
T-5.14	N02-2	D2-3	x						12	7	GR	Jct 71 11 / Wikieup 69 / Kingman 121	14	8	112.0	Ext	6080018	2	W6X12	34						
T-5.14	N02-3	R3-5fP	x						12	7	WH	Right Lane	30	12	2.5	RWM	6080005	1	2 1/2T	13	1					
		R3-5R	x								WH	Right Turn Only	30	36	7.5	RWM	6080005									
T-5.15	N03-1	W2-6	x						12	7	YL	Roundabout	36	36	9.0	RWM	6080005	2	2 1/2T	29	2					
		W13-1P	x								YL	20 M.P.H	24	24	4.0	RWM	6080005									
T-5.15	N03-2	D3-1					x					Quail Run Trl					2020047									
		D3-1					x					Quail Run Trl					2020047									
		R1-1					x					STOP					2020047									
T-5.15	N03-3	D3-1	x						12	7	BR	Quail Run Trl	60	12	5.0	F-DA	6080025	2	2 1/2T	27	2					
		R1-1	x								RD	STOP	36	36	7.5	RWM	6080005									
T-5.15	N03-4	Guide	x						12	7	GR	North 93 / Moreton Rd / Nine Irons Ranch Rd	222	108	166.5	Ext	6080018	3	W8X18	54						
T-5.15	N03-5	OM3-R					x					Type 3 Object Marker					2020047									
T-5.15	N03-6	OM3-R					x					Type 3 Object Marker					2020047									
T-5.15	N03-7	R3-6L	x						12	7	WH	Through-Left	30	36	7.5	RWM	6080005	1	2 1/2S	12	1					
T-5.15	N03-8	R3-6R	x						12	7	WH	Through-Right	30	36	7.5	RWM	6080005	1	2 1/2S	12	1					

Notes:

1. The Engineer 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.
4. Minimum sheeting type shall be Type IX or XI for all signs.

Panel Types:

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

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

Post Types: S: Single perforated; T: Telescoping perforated

BRF: Overhead Bridge Fascia Sign Structure

Colors: BK - BLACK; BL - BLUE; BR - BROWN; GR - GREEN; RD - RED; WH - WHITE; YL - FLUORESCENT YELLOW

Registered Professional Engineer — 64542 — CRAIG J. RICKETTS, JR. — Date Signed — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGN SUMMARY
US 93 NORTHBOUND

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 190	093-B-NFA	360	524	
MILEPOST 190.5	LOCATION VISTA ROYALE						DWG No. T-4.09
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

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6/10/2026 @2:43:44 PM ValenciaReyesC

Plan Sht No.	Sign Number	Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Relocate Str	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in)	Panel: Height (in)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Stringer: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: # of Lights	Remarks
T-5.15	N03-9	W11-2	x						12	7	YL	Pedestrian	36	36	9.0	RWM	6080005	1	2 1/2T	12	1					
		W16-7PR	x								YL	Diagonal Downward Arrow (Plaque)	21	15	2.2	RWM	6080005									
T-5.15	N03-10	W11-2	x						12	7	YL	Pedestrian	36	36	9.0	RWM	6080005	1	2 1/2T	12	1					
		W16-7PL	x								YL	Diagonal Downward Arrow (Plaque)	21	15	2.2	RWM	6080005									
T-5.15	N03-11	R1-2	x						12	7	RD	Yield	48	48	6.9	RWM	6080005	2	2 1/2T	27	2					
T-5.15	N03-12	R1-2	x						12	7	RD	Yield	48	48	6.9	RWM	6080005	2	2 1/2T	27	2					
T-5.15	N03-13	R6-4b	x						12	7	WH	Roundabout Directional (4 Cheverons)	60	24	10.0	RWM	6080005	2	2 1/2S	23	2					
T-5.15	N03-14	D1-1d	x						12	7	GR	Nine Irons Ranch Rd	120	18	12.0	RWM	6080005	2	2 1/2S	23	2					
T-5.15	N03-15	W11-2	x						12	7	YL	Pedestrian	36	36	9.0	RWM	6080005	1	2 1/2T	12	1					
		W16-7PR	x								YL	Diagonal Downward Arrow (Plaque)	21	15	2.2	RWM	6080005									
T-5.15	N03-16	R6-4b	x						12	7	WH	Roundabout Directional (4 Cheverons)	60	24	10.0	RWM	6080005	2	2 1/2S	23	2					
T-5.15	N03-17	R1-1					x					STOP					2020047									
		Special					x					Reflector					2020047									
T-5.15	N03-18	R4-7	x						12	7	WH	Keep Right	24	30	5.0	RWM	6080005	1	2 1/2T	15	1					
		OM3	x								YL	Type 3 Object Marker	12	36	12.0	RWM	6080005									
T-5.15	N03-19	W11-2	x						12	7	YL	Pedestrian	30	30	6.3	RWM	6080005	1	2 1/2T	12	1					
		W16-7PL	x								YL	Diagonal Downward Arrow (Plaque)	21	15	2.2	RWM	6080005									
T-5.16	N04-1	R1-2	x						12	7	RD	Yield	48	48	6.9	RWM	6080005	2	2 1/2T	27	2					
T-5.16	N04-2	E4-101a	x						12	7	GR	US 93 / North / Kingman	7	3	21.0	Ext	6080018	2	2 1/2 T	25	2					
T-5.16	N04-3	W11-2	x						12	7	YL	Pedestrian	36	36	9.0	RWM	6080005	1	2 1/2T	12	1					
		W16-7PL	x								YL	Diagonal Downward Arrow (Plaque)	21	15	2.2	RWM	6080005									

Notes:
1. The Engineer 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.
4. Minimum sheeting type shall be Type IX or XI for all signs.

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

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

Post Types: S: Single perforated; T: Telescoping perforated

BRF: Overhead Bridge Fascia Sign Structure

Colors: BK - BLACK; BL - BLUE; BR - BROWN; GR - GREEN; RD - RED; WH - WHITE; YL - FLUORESCENT YELLOW

Registered Professional Engineer — CERTIFICATE — 64542 — CRAIG J. RICKETTS, JR. — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGN SUMMARY
US 93 NORTHBOUND

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 190	093-B-NFA	361	524	
MILEPOST 190.5	LOCATION VISTA ROYALE						DWG No. T-4.10
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

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Plan Sht No.	Sign Number	Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Relocate Str	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in)	Panel: Height (in)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Stringer: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: # of Lights	Remarks
T-5.16	N04-4	W11-2	x						12	7	YL	Pedestrian	36	36	9.0	RWM	6080005	1	2 1/2T	12	1					
		W16-7PR	x								YL	Diagonal Downward Arrow (Plaque)	21	15	2.2	RWM	6080005									
T-5.16	N04-5	D3-1					x					Nine Irons Ranch Rd					2020047									
		R1-1					x					STOP					2020047									
		Special					x					Reflector					2020047									
T-5.16	N04-6	R2-1	x						12	7	WH	SPEED LIMIT 45	36	48	12.0	RWM	6080005	1	2 1/2T	13	1					
T-5.16	N04-7	R2-1	x						12	7	WH	SPEED LIMIT 25	30	36	7.5	RWM	6080005	1	2 1/2S	12	1					
T-5.16	N04-8	E3-101	x						12	7	GR	Caballero Dr	84	18	10.5	RWM	6080005	2	2 1/2S	22	2					
T-5.16	N04-9	E3-101					x					Caballero Dr					2020047									
T-5.16	N04-10	W14-3					x					No Passing Zone					2020047									
T-5.16	N04-11	R3-5bP	x						12	7	WH	Left Lane	30	12	2.5	RWM	6080005	1	2 1/2T	13	1					
		R3-5L	x								WH	Left Turn Only	30	36	7.5	RWM	6080005									
T-5.19	N05-1	D3-1	x						12	7	BR	Caballero Dr	60	12	5.0	F-DA	6080025	2	2 1/2T	27	2					
		R1-1	x								RD	STOP	36	36	7.5	RWM	6080005									
T-5.19	N05-2	Special					x					Reflector					2020047									
T-5.19	N05-3	R16-10					x					Begin Daytime Headlight Section					2020047									
		R101-4aP					x					Next 30 Miles					2020047									
T-5.19	N05-4	D10-3					x					Mile Marker 192					2020047									
T-5.19	N05-5	D10-3	x						12	4	GR	Mile Marker 192					7030095									
T-5.19	N05-6	D14-101	x						12	7	BL	Adopt a Highway	24	12	2.0	F-DA	6080025	1	2S	10	1					

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

Post Types: S: Single perforated; T: Telescoping perforated

BRF: Overhead Bridge Fascia Sign Structure

Colors: BK - BLACK; BL - BLUE; BR - BROWN; GR - GREEN; RD - RED; WH - WHITE; YL - FLUORESCENT YELLOW

Registered Professional Engineer 64542 CRAIG J. RICKETTS, JR. Date Signed 06/10/26 ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGN SUMMARY
US 93 NORTHBOUND

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 190	093-B-NFA	362	524	
MILEPOST 190.5	LOCATION VISTA ROYALE						DWG No. T-4.11
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

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Plan Sht No.	Sign Number	Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Relocate Str	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in)	Panel: Height (in)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Stringer: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: # of Lights	Remarks
T-5.19	N05-7	D14-101					x					Adopt a Highway					2020047									
T-5.21	N07-1	Special					x					Reflector					2020047									
T-5.21	N07-2	E3-101	x						12	7	GR	Antelope Creek Rd	120	18	15.0	F-DA	6080025	2	2 1/2S	23	2					
T-5.21	N07-3	R3-5bP	x						12	7	WH	Left Lane	30	12	2.5	RWM	6080005	1	2 1/2T	13	1					
		R3-5L	x								WH	Left Turn Only	30	36	7.5	RWM	6080005									
T-5.21	N07-4	D3-1	x						12	7	GR	Antelope Creek Rd	84	12	7.0	F-DA	6080025	2	2 1/2T	22	2					
		R1-1	x								RD	STOP	36	36	7.5	RWM	6080005									
T-5.21	N07-5	OM3-R					x					Type 3 Object Marker					2020047									
T-5.21	N07-6	OM3-R					x					Type 3 Object Marker					2020047									
T-5.22	N08-1	R2-1	x						12	7	WH	SPEED LIMIT 65	48	60	20.0	RWM	6080005	2	2 1/2T	29	2					
T-5.23	N09-1	D10-3					x					Mile Marker 191					2020047									
T-5.23	N09-2	D10-3	x						12	4	GR	Mile Marker 191					7030095									
T-5.23	N09-3	W6-3					x					Two-Way Traffic					2020047									
T-5.23	N09-4	Special					x					Adopt a Highway / Group Name					2020047									
T-5.23	N09-5	Special	x						12	7	GR	Adopt a Highway / Group Name	60	24	10.0	F-DA	6080025	2	2 1/2S	23	2					
T-5.23	N09-6	W6-1					x					Divided Highway					2020047									
		R101-2P					x					1/2 Mile Ahead					2020047									
T-5.25	N11-1	W14-3					x					No Passing Zone					2020047									
T-5.25	N11-2	OM3-R					x					Type 3 Object Marker					2020047									

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

Post Types: S: Single perforated; T: Telescoping perforated

BRF: Overhead Bridge Fascia Sign Structure

Colors: BK - BLACK; BL - BLUE; BR - BROWN; GR - GREEN; RD - RED; WH - WHITE; YL - FLUORESCENT YELLOW

Professional Engineer Certificate 64542 CRAIG J. RICKETTS, JR. Date Signed 06/26/26 Registered ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGN SUMMARY
US 93 NORTHBOUND

ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 190	093-B-NFA	363	524	

LOCATION: VISTA ROYALE

TRACS NO. F0738 01C

DWG No. T-4.12

____ OF ____

Plan Sht No.	Sign Number	Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Relocate Str	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in)	Panel: Height (in)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Stringer: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: # of Lights	Remarks
T-5.25	N11-3	OM3-R	x						6	4	YL	Type 3 Object Marker					7030080									
T-5.25	N11-4	OM3-R	x						6	4	YL	Type 3 Object Marker					7030080									
T-5.25	N11-5	OM3-R					x					Type 3 Object Marker					2020047									
T-5.26	N12-1	R4-7					x					Keep Right					2020047									
		OM1-2					x					Type 1 Object Marker					2020047									
T-5.26	N12-2	OM3-R					x					Type 3 Object Marker					2020047									
T-5.26	N12-3	M3-1					x					North					2020047									
		M1-4					x					US 93					2020047									
T-5.26	N12-4	M3-1	x						12	7	WH	North	24	12	2.0	RWM	6080005	1	2 1/2S	12	1					
		M1-4	x								WH	US 93	24	24	4.0	RWM	6080005									
T-5.26	N12-5	R5-1a					x					Wrong Way					2020047									
T-5.26	N12-6	R5-1a					x					Wrong Way					2020047									
T-5.26	N12-7	R5-1					x					Do Not Enter					2020047									
T-5.26	N12-8	R5-1					x					Do Not Enter					2020047									
T-5.26	N12-9	D10-3					x					Mile Marker 190					2020047									
T-5.26	N12-10	D10-3	x						12	4	GR	Mile Marker 190					7030095									
T-5.27	N13-1	R1-1					x					STOP					2020047									
T-5.27	N13-2	R1-1	x						12	7	RD	STOP	36	36	7.5	RWM	6080005	1	2 1/2T	12	1					
T-5.27	N13-3	R2-1					x					SPEED LIMIT 65					2020047									

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Post Types: S: Single perforated; T: Telescoping perforated

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Registered Professional Engineer — 64542 — CRAIG J. RICKETTS, JR. — 06/30/2027 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGN SUMMARY
US 93 NORTHBOUND

ROUTE: US 93
MILEPOST: 190.5
STRUCTURE NO.:

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 190	093-B-NFA	364	524	

LOCATION: VISTA ROYALE
TRACS NO. F0738 01C
DWG No. T-4.13
____ OF ____

Plan Sht No.	Sign Number	Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Relocate Str	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in)	Panel: Height (in)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Stringer: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: # of Lights	Remarks
T-5.13	S01-1	D14-101					x					Adopt A Highway					2020047									
		Special					x					TCS ADOT					2020047									
T-5.13	S01-2	D14-101	x						12	7	BL	Adopt a Highway	24	12	2.0	F-DA	6080025	1	2S	11	1					
		Special	x								GR	TCS ADOT	12	12	1.0	F-DA	6080025									
T-5.13	S01-3	D10-3					x					Mile Marker 193					2020047									
T-5.13	S01-4	D10-3	x						12	4	GR	Mile Marker 193					7030095									
T-5.13	S01-5	R2-1					x					SPEED LIMIT 55					2020047									
T-5.13	S01-6	M2-101	x						12	7	GR	JUNCTION / SR 89 / 1/2 MILE	48	60	20.0	F-DA	6080025	2	2 1/2T	29	2					
T-5.15	S03-1	W3-5aAZ					x					Speed Reduced Ahead					2020047									
T-5.15	S03-2	W14-3					x					No Passing Zone					2020047									
T-5.15	S03-3	E4-101a	x						12	7	GR	93 South / Wickenburg	7	3	21.0	Ext	6080018	2	2 1/2 T	25	2					
T-5.15	S03-4	R2-1	x						12	7	WH	SPEED LIMIT 45	36	48	12.0	RWM	6080005	1	2 1/2T	13	1					
T-5.15	S03-5	W11-2	x						12	7	YL	Pedestrian	36	36	9.0	RWM	6080005	1	2 1/2T	12	1					
		W16-7PR	x								YL	Diagonal Downward Arrow (Plaque)	21	15	2.2	RWM	6080005									
T-5.15	S03-6	OM3-R					x					Type 3 Object Marker					2020047									
T-5.15	S03-7	OM3-R					x					Type 3 Object Marker					2020047									
T-5.15	S03-8	R1-2	x						12	7	RD	Yield	48	48	6.9	RWM	6080005	2	2 1/2T	27	2					

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Registered Professional Engineer — 64542 — CRAIG J. RICKETTS, JR. — Date Signed — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGN SUMMARY
US 93 SOUTHBOUND

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 190	093-B-NFA	365	524	
MILEPOST 190.5	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION: VISTA ROYALE					DWG No. T-4.14
	TRACS NO. F0738 01C					____ OF ____

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Plan Sht No.	Sign Number	Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Relocate Str	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in)	Panel: Height (in)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Stringer: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: # of Lights	Remarks
T-5.15	S03-9	W11-2	x						12	7	YL	Pedestrian	36	36	9.0	RWM	6080005	1	2 1/2T	12	1					
		W16-7PL	x								YL	Diagonal Downward Arrow (Plaque)	21	15	2.2	RWM	6080005									
T-5.15	S03-10	R6-4b	x						12	7	WH	Roundabout Directional (4 Cheverons)	60	24	10.0	RWM	6080005	2	2 1/2S	23	2					
T-5.15	S03-11	R6-4b	x						12	7	WH	Roundabout Directional (4 Cheverons)	60	24	10.0	RWM	6080005	2	2 1/2S	23	2					
T-5.15	S03-12	D1-1d	x						12	7	GR	Moreton Rd	84	18	10.5	F-DA	6080025	2	2 1/2S	22	2					
T-5.15	S03-13	W11-2	x						12	7	YL	Pedestrian	30	30	6.3	RWM	6080005	1	2 1/2T	14	1					
		W16-7PL	x								YL	Diagonal Downward Arrow (Plaque)	21	15	2.2	RWM	6080005									
T-5.15	S03-14	R4-7	x						12	7	WH	Keep Right	24	30	5.0	RWM	6080005	1	2 1/2S	12	1					
T-5.15	S03-15	W11-2	x						12	7	YL	Pedestrian	36	36	9.0	RWM	6080005	1	2 1/2T	12	1					
		W16-7PL	x								YL	Diagonal Downward Arrow (Plaque)	21	15	2.2	RWM	6080005									
T-5.16	S04-1	R1-2	x						12	7	RD	Yield	48	48	6.9	RWM	6080005	2	2 1/2T	27	2					
T-5.16	S04-2	R1-2	x						12	7	RD	Yield	48	48	6.9	RWM	6080005	2	2 1/2T	27	2					
T-5.16	S04-3	W11-2	x						12	7	YL	Pedestrian	36	36	9.0	RWM	6080005	1	2 1/2T	12	1					
		W16-7PL	x								YL	Diagonal Downward Arrow (Plaque)	21	15	2.2	RWM	6080005									
T-5.16	S04-4	W11-2	x						12	7	YL	Pedestrian	36	36	9.0	RWM	6080005	1	2 1/2T	12	1					
		W16-7PR	x								YL	Diagonal Downward Arrow (Plaque)	21	15	2.2	RWM	6080005									
T-5.16	S04-5	R3-6R	x						12	7	WH	Through-Right	30	36	7.5	RWM	6080005	1	2 1/2S	12	1					
T-5.16	S04-6	R3-6L	x						12	7	WH	Through-Left	30	36	7.5	RWM	6080005	1	2 1/2S	12	1					
T-5.16	S04-7	Guide	x						12	7	GR	North 93 / Moreton Rd / Nine Irons Ranch Rd	222	108	166.5	Ext	6080018	3	W8X18	54						

Notes:
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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.
4. Minimum sheeting type shall be Type IX or XI for all signs.

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

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

Post Types: S: Single perforated; T: Telescoping perforated

BRF: Overhead Bridge Fascia Sign Structure

Colors: BK - BLACK; BL - BLUE; BR - BROWN; GR - GREEN; RD - RED; WH - WHITE; YL - FLUORESCENT YELLOW

Registered Professional Engineer — 64542 — CRAIG J. RICKETTS, JR. — Date Signed — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGN SUMMARY
US 93 SOUTHBOUND

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 190	093-B-NFA	366	524	
MILEPOST 190.5	LOCATION: VISTA ROYALE					DWG No. T-4.15
STRUCTURE NO.	TRACS NO. F0738 01C					____ OF ____

F.H.W.A. Arizona Division

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Plan Sht No.	Sign Number	Sign Code	Work						Offset (ft)	Mounting Height (ft)	Background Color	Panel						Ground Mounted			Stringer			Overhead		Remarks
			New	Existing								Legend	Width (in)	Height (in)	Area (sq. ft.)	Type	Bid Item Number	Foundations	Posts		New Slipbases	Type	Total Length (ft)	Structure Type	# of Lights	
				Replace Panel	Relocate Panel	Relocate Str	Remove	To Remain											Type	Total length (ft)						
T-5.16	S04-8	W2-6	x						12	7	YL	Roundabout	48	48	16.0	RWM	6080005	2	2 1/2T	29	2					
		W13-1P	x								YL	20 M.P.H	30	30	6.3	RWM	6080005									
T-5.19	S05-1	R8-3					x					No Parking (Symbol)					2020047									
		R8-3					x					No Parking (Symbol)					2020047									
T-5.19	S05-2	R1-1					x					STOP					2020047									
		Special					x					Reflector					2020047									
T-5.19	S05-3	D3-1	x						12	7	BR	Caballero Dr	60	12	5.0	F-DA	6080025	2	2 1/2T	27	2					
		R1-1	x								RD	STOP	36	36	7.5	RWM	6080005									
T-5.19	S05-4	R8-3					x					No Parking (Symbol)					2020047									
		R8-3					x					No Parking (Symbol)					2020047									
T-5.19	S05-5	R3-5bP	x						12	7	WH	Left Lane	30	12	2.5	RWM	6080005	1	2 1/2T	13	1					
		R3-5L	x								WH	Left Turn Only	30	36	7.5	RWM	6080005									
T-5.19	S05-6	R3-5fP	x						12	7	WH	Right Lane	30	12	2.5	RWM	6080005	1	2 1/2T	13	1					
		R3-5R	x								WH	Right Turn Only	30	36	7.5	RWM	6080005									
		D10-3	x								GR	Mile Marker 192					7030095									
T-5.19	S05-7	R16-11					x					End Daytime Headlight Section					2020047									
T-5.19	S05-8	D10-3					x					Mile Marker 192					2020047									
T-5.19	S05-9	E3-101					x					Caballero Dr					2020047									
T-5.19	S05-10	E3-101	x						12	7	GR	Caballero Dr	84	18	10.5	RWM	6080005	2	2 1/2S	22	2					
T-5.19	S05-11	W14-3					x					No Passing Zone					2020047									
T-5.20	S06-1	R2-1	x						12	7	WH	SPEED LIMIT 45	36	48	12.0	RWM	6080005	1	2 1/2T	13	1					

Notes:
1. The Engineer 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.
4. Minimum sheeting type shall be Type IX or XI for all signs.

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

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

Post Types: S: Single perforated; T: Telescoping perforated

BRF: Overhead Bridge Fascia Sign Structure

Colors: BK - BLACK; BL - BLUE; BR - BROWN; GR - GREEN; RD - RED; WH - WHITE; YL - FLUORESCENT YELLOW

Registered Professional Engineer — Certificate 64542 — CRAIG J. RICKETTS, JR. — Date Signed 06/26/26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGN SUMMARY
US 93 SOUTHBOUND

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 190	093-B-NFA	367	524	
MILEPOST 190.5	LOCATION VISTA ROYALE						DWG No. T-4.16
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

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Plan Sht No.	Sign Number	Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Relocate Str	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in)	Panel: Height (in)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Stringer: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: # of Lights	Remarks
T-5.21	S07-1	R2-1	x						12	7	WH	SPEED LIMIT 25	30	36	7.5	RWM	6080005	1	2 1/2S	12	1					
T-5.21	S07-2	D3-1	x						12	7	BR	Antelope Creek Rd	84	12	7.0	F-DA	6080025	2	2 1/2T	22	2					
		R1-1	x								RD	STOP	36	36	7.5	RWM	6080005									
T-5.21	S07-3	R3-5bP	x						12	7	WH	Left Lane	30	12	2.5	RWM	6080005	1	2 1/2T	13	1					
		R3-5L	x								WH	Left Turn Only	30	36	7.5	RWM	6080005									
T-5.21	S07-4	OM3-R					x					Type 3 Object Marker					2020047									
T-5.21	S07-5	OM3-R					x					Type 3 Object Marker					2020047									
T-5.22	S08-1	E3-101	x						12	7	GR	Antelope Creek Rd	120	18	15.0	F-DA	6080025	2	2 1/2S	23	2					
T-5.22	S08-2	R2-1	x						12	7	WH	SPEED LIMIT 45	48	60	20.0	RWM	6080005	2	2 1/2T	29	2					
T-5.22	S08-3	W3-5	x						12	7	YL	Reduced Speed Limit Ahead (45)	48	48	16.0	RWM	6080005									Mount on Advanced Warning Flasher Pole
T-5.22	S08-4	W3-5	x						12	7	YL	Reduced Speed Limit Ahead (45)	48	48	16.0	RWM	6080005									Mount on Advanced Warning Flasher Pole
T-5.23	S09-1	D14-101					x					Adopt A Highway					2020047									
T-5.23	S09-2	D10-3	x						12	4	GR	Mile Marker 191					7030095									
T-5.23	S09-3	W6-3					x					Two Way Traffic					2020047									
T-5.23	S09-4	D10-3					x					Mile Marker 191					2020047									
T-5.24	S10-1	R2-1	x						12	7	WH	SPEED LIMIT 55	48	60	20.0	RWM	6080005	2	2 1/2T	29	2					
T-5.25	S11-1	OM3-R	x						6	4	YL	Type 3 Object Marker					7030080									
T-5.25	S11-2	OM3-R	x						6	4	YL	Type 3 Object Marker					7030080									

Notes:
1. The Engineer shall verify post lengths and elevations.
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3. Quantities are approximate and for the contractor's information only.
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Panel Types:
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- Ext: Aluminum extrusions
- Incr: Aluminum sheet increment
- Over: Overhead (New overlaid extrusions)

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

Post Types: S: Single perforated; T: Telescoping perforated

BRF: Overhead Bridge Fascia Sign Structure

Colors: BK - BLACK; BL - BLUE; BR - BROWN; GR - GREEN; RD - RED; WH - WHITE; YL - FLUORESCENT YELLOW

Registered Professional Engineer — CERTIFICATE 64542 — CRAIG J. RICKETTS, JR. — 06/30/2027 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGN SUMMARY
US 93 SOUTHBOUND

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 190	093-B-NFA	368	524	
MILEPOST 190.5	LOCATION VISTA ROYALE						DWG No. T-4.17
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

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Plan Sht No.	Sign Number	Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Relocate Str	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in)	Panel: Height (in)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Stringer: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: # of Lights	Remarks
T-5.25	S11-3	OM3-R					x					Type 3 Object Marker					2020047									
T-5.25	S11-4	OM3-R					x					Type 3 Object Marker					2020047									
T-5.26	S12-1	R5-1					x					Do Not Enter					2020047									
T-5.26	S12-2	W6-3					x					Two-Way Traffic					2020047									
T-5.26	S12-3	W6-3					x					Two-Way Traffic					2020047									
T-5.26	S12-4	R5-1a					x					Wrong Way					2020047									
T-5.26	S12-5	R5-1a					x					Wrong Way					2020047									
T-5.26	S12-6	D10-3					x					Mile Marker 190					2020047									
T-5.26	S12-7	D10-3	x						12	4	GR	Mile Marker 190					7030095									
T-5.27	S13-1	W1-4					x					Horizontal Alignment					2020047									

Notes:
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- Incr: Aluminum sheet increment
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Stringer Types: P: Square-tube Post; T: T-section (WT 3x6)

Post Types: S: Single perforated; T: Telescoping perforated

BRF: Overhead Bridge Fascia Sign Structure

Colors: BK - BLACK; BL - BLUE; BR - BROWN; GR - GREEN; RD - RED; WH - WHITE; YL - FLUORESCENT YELLOW

Registered Professional Engineer — 64542 — CRAIG J. RICKETTS, JR. — Date Signed — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGN SUMMARY
US 93 SOUTHBOUND

ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 190	093-B-NFA	369	524	

LOCATION: VISTA ROYALE
DWG No. T-4.18
TRACS NO. F0738 01C
____ OF ____

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Plan Sht No.	Sign Number	MOAS Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Modify Legend	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in.)	Panel: Height (in.)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Ground Mounted: New Slipbases	Ground Mounted: Stringer: Type	Ground Mounted: Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: Number of Lights	Remarks
Southbound US-93																										
T-5.12	S193.21R	W2-6	X								YL	Roundabout	36	36	9.0	RWM	6080005	1	2 1/2T	13	1					CENTER IN MEDIAN
	+	W13-1P	X								YL	20 M.P.H.	30	30	6.3	RWM	6080005									
T-5.12	S193.21L	W2-6	X								YL	Roundabout	36	36	9.0	RWM	6080005	1	2 1/2T	13	1					
	+	W13-1P	X								YL	20 M.P.H.	30	30	6.3	RWM	6080005									
T-5.10	S193.32	Guide	X						12	7	GR	SR-89 North/US-93 South Roundabout	108	108	81.0	Ext	6080018	2	W6x12	34						
T-5.10	S193.36	R4-108	X								WH	STATE LAW	42	24	7.0	RWM	6080005	1	2 1/2S	11						Mount on Light Pole Std Dwg S-
												TUCKS IN ROUNDABOUT														
												HAVE RIGHT-OF-WAY														
T-5.10	S193.40	R3-8KS	X							7	WH	Left-Straight/Straight	36	30	7.5	RWM	6080005									Mount on Light Pole Std Dwg S-
T-5.10	S193.43R	R1-2	X						6	7	WH	YIELD	48	48	8.0	RWM	6080005	2	2 1/2T	27	2					
T-5.10	S193.43L	R1-2	X						2	7	WH	YIELD	48	48	8.0	RWM	6080005	2	2 1/2T	27	2					
T-5.10	S193.44	R6-4b	X						6	4	WH	Roundabout Directional (4)	60	24	10.0	RWM	6080005	2	2 1/2S	23	2	P	5			
T-5.10	S193.45	R6-4b	X						6	4	WH	Roundabout Directional (4)	60	24	10.0	RWM	6080005	2	2 1/2S	23	2	P	5			
T-5.10	S193.47	D1-1	X						2	7	GR	US-93 SOUTH Diagonal Arrow	84	18	10.5	F-DA	6080025	2	2 1/2S	22	2	P	6			
T-5.10	S193.48	M3-3	X						12	7	WH	SOUTH	36	18	4.5	RWM	6080005	1	2 1/2T	12	1					
	+	M1-4	X								BK	US-93	36	36	9.0	RWM	6080005									
T-5.09	S193.80B	I3-101			X				12	7	GR	ENTERING					6080055	3	2 1/2T	40	3					Relocated from Exst S193.80A
												Wickenburg														
T-5.08	S193.84	R2-1	X						12	7	WH	SPEED LIMIT 50	36	48	12.0	RWM	6080005	2	2 1/2S	27	2					
T-5.08	S193.91R	OM3	X						6	4	YL	Type 3 Object Marker					7030080									
T-5.08	S193.91L	OM3	X						6	4	YL	Type 3 Object Marker					7030080									
T-5.08	S194.00B	D10-3	X						12	4	GR	Mile Post 194					7030095									

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	370	524	
		093 YV 189			

DATE | MADE BY | NO.2 DESCRIPTION OF REVISION | DATE | MADE BY | NO.1 DESCRIPTION OF REVISION

Notes:

1. The Engineer 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 with direct applied or silk-screened characters

F-Dem: Flat-sheet aluminum with demountable characters

Ext: Aluminum extrusions

Sheeting Type:

See Special Provisions Section 1007

Colors:

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

Stringer Types:

P: Square-tube post
T: T-Section

Post Types:

2S-2" Single
2T-2" Telescoping
2 1/2S-2 1/2" Single
2 1/2T-2 1/2" Telescoping

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
NEW SIGN SUMMARY
SOUTHBOUND

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C | 093-B(230)T

Registered Professional Engineer Stamp
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

DWG NO. T-4.19
____ OF ____

6/11/2026 6/11/2026 ...\t0738A ssum12.dgn T-4.19 US 93 SOUTHBOUND

Plan Sht No.	Sign Number	MOAS Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Modify Legend	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in.)	Panel: Height (in.)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Ground Mounted: New Slipbases	Ground Mounted: Stringer: Type	Ground Mounted: Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: Number of Lights	Remarks
T-5.08	S194.05	D14-101	X						12	7	WH	Adopt A Highway	24	12	2.0	F-DA	6080025	1	2 1/2S	12						
	+	D14-103P	X								WH	Legend	24	18	3.0	F-DA	6080025									
T-5.07	S194.11R	W2-6	X						12	7	YL	Roundabout	36	36	9.0	RWM	6080005	2	2 1/2T	30	2					
	+	W13-1P	X								YL	20 M.P.H.	30	30	6.3	RWM	6080005									
T-5.07	S194.11L	W2-6	X							7	YL	Roundabout	36	36	9.0	RWM	6080005	2	2 1/2T	30	2					Center in Median
	+	W13-1P	X								YL	20 M.P.H.	30	30	6.3	RWM	6080005									
T-5.07	S194.20B	Guide	X								GR	Wickenburg Ranch Way/US-93 Roundabout	216	108	162.0	Ext	6080018									Install on Exsisting Posts
T-5.07	S194.24	R4-108	X								WH	STATE LAW	42	24	7.0	RWM	6080005	1	2 1/2S	11						Mount on Light Pole Std Dwg S-
												TUCKS IN ROUNDABOUT														
												HAVE RIGHT-OF-WAY														
T-5.07	S194.28	R3-8KQ						X				Left-Straight/Straight-Right														

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	371	524	

093 YV 189

DATE | MADE BY | DESCRIPTION OF REVISION
NO.2
NO.1

Notes:

1. The Engineer 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 with direct applied or silk-screened characters

F-Dem: Flat-sheet aluminum with demountable characters

Ext: Aluminum extrusions

Sheeting Type:

See Special Provisions Section 1007

Colors:

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

Stringer Types:

P: Square-tube post
T: T-Section

Post Types:

2S-2" Single
2T-2" Telescoping
2 1/2S-2 1/2" Single
2 1/2T-2 1/2" Telescoping

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
NEW SIGN SUMMARY
SOUTHBOUND

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-4.20
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C		093-B(230)T

____ OF ____

6/11/2026 6/11/2026 ...\t0738A ssum13.dgn T-4.20 US 93 SOUTHBOUND

Plan Sht No.	Sign Number	MOAS Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Modify Legend	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in.)	Panel: Height (in.)	Panel: Area (sq. ft.)	Panel: Type	Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Ground Mounted: New Slipbases	Ground Mounted: Stringer: Type	Ground Mounted: Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: Number of Lights	Remarks
Northbound SR-89																										
T-5.28	N258.41	W6-3	X						12	7	YL	Two-way Traffic Symbol	48	48	16.0	RWM	6080005	2	2 1/2T	32	2					
	-	R5-1	X								WH	DO NOT ENTER	36	36	9.0	RWM	6080005									Mount Back to Back
T-5.29	N258.51	M3-1			X				12	7	WH	NORTH					6080055	1	2 1/2T	12	1					Relocated from Exst N258.51
	+	M1-5a(89)			X						WH	ARIZONA 89														
T-5.29	N258.55	D14-101	X						12	7	WH	Adopt A Highway	24	12	2.0	F-DA	6080025	1	2 1/2S	12						
		D14-103P	X								WH	Legend	24	18	3.0	F-DA	6080025									
T-5.29	N258.60	R5-111			X				12	7	WH	No Trucks					6080055	2	W6x12	29						Relocated from Exst N258.47
												OVER 40 FEET														
												37 MILES AHEAD														
												ON SR 89														
T-5.29	N258.64	OM3	X						6	4	YL	Type 3 Object Marker					7030080									
T-5.29	N258.65B	R2-1	X						12	7	WH	SPEED LIMIT 65	36	48	12.0	RWM	6080005	1	2 1/2T	13	1					
Southbound SR-89																										
T-5.29	S258.76B	W3-5	X								YL	Up Arrow, Speed Limit 35	36	36	9.0	RWM	6080005									Install on Existing Post
T-5.29	S258.65B	R2-1	X						12	7	WH	SPEED LIMIT 35	36	48	12.0	RWM	6080005	1	2 1/2T	13	1					
T-5.29	S258.64	OM3	X						6	4	YL	Type 3 Object Marker					7030080									
T-5.29	S258.55B	W6-1	X						12	7	YL	Divided Highway Symbol	48	48	16.0	RWM	6080005	2	2 1/2T	30	2					
T-5.29	S258.48	W2-6	X						12	7	YL	Roundabout	36	36	9.0	RWM	6080005	2	2 1/2T	30	2					
	+	W13-1P	X								YL	20 M.P.H.	30	30	6.3	RWM	6080005									
T-5.28	S258.43B	R4-1	X						12	7	WH	DO NOT PASS	36	48	12.0	RWM	6080005	1	2 1/2T	13	1					
T-5.28	S258.39	R4-7	X							7	WH	Keep Right Symbol	24	30	5.0	RWM	6080005	1	2 1/2S	12						Center in Median
	+	OM1-2	X								YL	Type 1 Object Marker					7030084									
T-5.28	S258.36	Guide	X						12	7	GR	US-93 South/US-93 North Roundabout	228	72	114.0	Ext	6080018	3	W6x12	43						
T-5.28	S258.35R	R3-8KQ	X						12	7	WH	Left-Straight/Straight-Right	36	30	7.5	RWM	6080005	1	2 1/2S	12						

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	372	524	
		093 YV 189			

DATE | MADE BY | NO.2 DESCRIPTION OF REVISION | DATE | MADE BY | NO.1 DESCRIPTION OF REVISION

Notes:

1. The Engineer 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 with direct applied or silk-screened characters

F-Dem: Flat-sheet aluminum with demountable characters

Ext: Aluminum extrusions

Sheeting Type:

See Special Provisions Section 1007

Colors:

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

Stringer Types:

P: Square-tube post
T: T-Section

Post Types:

2S-2" Single
2T-2" Telescoping
2 1/2S-2 1/2" Single
2 1/2T-2 1/2" Telescoping

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SR 89
NEW SIGN SUMMARY
NORTH/SOUTH BOUND

Registered Professional Engineer Stamp
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. T-4.21

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

6/11/2026 6/11/2026 ...\t0738A ssum14.dgn T-4.21 CROSS ROAD

Plan Sht No.	Sign Number	MOAS Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Modify Legend	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Panel: Background Color	Panel: Legend	Panel: Width (in.)	Panel: Height (in.)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Ground Mounted: Stringer: New Slipbases	Ground Mounted: Stringer: Type	Ground Mounted: Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: Number of Lights	Remarks
T-5.28	S258.35L	R5-1a	X						12	7	RD	WRONG WAY	36	24	6.0	RWM	6080005	2	2 1/2S	25	2					
T-5.10	S258.33	R4-108	X								WH	STATE LAW	42	24	7.0	RWM	6080005	1	2 1/2S	11						Mount on Light Pole Std Dwg S-
												TUCKS IN ROUNDABOUT														
												HAVE RIGHT-OF-WAY														
Matthie Ranch Rd																										
T-5.30	M-01	R1-1	X								RD	STOP	30	30	6.3	RWM	6080005	1	2 1/2S	12						
T-5.33	M-02	R2-1	X								WH	SPEED LIMIT 25	24	30	5.0	RWM	6080005	1	2 1/2S	12						
Wickenburg Ranch Way																										
T-5.30	W-01	OM1-2	X								YL	Type 1 Object Marker					7030084									Mount on Barrier
T-5.30	W-02	W1-6R	X								YL	Right Arrow	48	24	8.0	RWM	6080005									Mount on Barrier
T-5.30	W-03	OM1-2	X								YL	Type 1 Object Marker					7030084									Mount on Barrier
T-5.30	W-04	OM1-2	X								YL	Type 1 Object Marker					7030084									
T-5.30	W-05	W1-6L	X								YL	Left Arrow	48	24	8.0	RWM	6080005	2	2S	23						
T-5.30	W-06	OM1-2	X								YL	Type 1 Object Marker					7030084									
T-5.30	W-07	R1-1	X								RD	STOP	30	30	6.3	RWM	6080005	1	2 1/2S	12						
T-5.31	W-08	Guide	X								GR	WICKENBURG RANCH WAY	120	84	70.0	Ext	6080018	2	W6x12	28						
												NORTH US93, ROUNDABOUT, SOUTH US 93														
T-5.31	W-09	R2-1	X								WH	SPEED LIMIT 25	24	30	5.0	RWM	6080005	1	2 1/2S	12						
T-5.31	W-10	R4-108	X								WH	STATE LAW	42	24	7.0	RWM	6080005	1	2 1/2S	11						
												TUCKS IN ROUNDABOUT														
												HAVE RIGHT-OF-WAY														
T-5.31	W-11	OM3	X								YL	Type 3 Object Marker					7030080									

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	373	524	
		093 YV 189			

DATE | MADE BY | NO.2 DESCRIPTION OF REVISION | DATE | MADE BY | NO.1 DESCRIPTION OF REVISION

Notes:

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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 with direct applied or silk-screened characters

F-Dem: Flat-sheet aluminum with demountable characters

Ext: Aluminum extrusions

Sheeting Type:

See Special Provisions Section 1007

Colors:

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

Stringer Types:

P: Square-tube post
T: T-Section

Post Types:

2S-2" Single
2T-2" Telescoping
2 1/2S-2 1/2" Single
2 1/2T-2 1/2" Telescoping

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SR 89 SOUTHBOUND
MMR/WRW
NEW SIGN SUMMARY

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C | 093-B(230)T

Registered Professional Engineer Stamp: CERTIFICATE NO. 51481 BRIANNE MARIE TURPIN — ARIZONA, U.S.A.

DWG NO. T-4.22

____ OF ____

6/11/2026 6/11/2026 ...\t0738A ssum15.dgn T-4.22 CROSS ROAD

Plan Sht No.	Sign Number	MOAS Sign Code	Work: New	Work: Existing: Replace Panel	Work: Existing: Relocate Panel	Work: Existing: Modify Legend	Work: Existing: Remove	Work: Existing: To Remain	Offset (ft)	Mounting Height (ft)	Background Color	Panel: Legend	Panel: Width (in.)	Panel: Height (in.)	Panel: Area (sq. ft.)	Panel: Type	Panel: Bid Item Number	Ground Mounted: Foundations	Ground Mounted: Posts: Type	Ground Mounted: Posts: Total length (ft)	Ground Mounted: New Slipbases	Ground Mounted: Stringer: Type	Ground Mounted: Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: Number of Lights	Remarks
T-5.31	W-12	OM3	X								YL	Type 3 Object Marker					7030080									
T-5.31	W-13	OM3	X								YL	Type 3 Object Marker					7030080									
T-5.31	W-14	OM3	X								YL	Type 3 Object Marker					7030080									
T-5.31	W-16	W11-2	X								YL	Pedestrian Crossing Symbol	30	30	6.3	RWM	6080005	1	2 1/2T	14	1					
		W16-7PL	X								YL	Diagonal Arrow Plaque Left	24	12	2.0	RWM	6080005									
T-5.31	W-17	W11-2	X								YL	Pedestrian Crossing Symbol	30	30	6.3	RWM	6080005	1	2 1/2T	14	1					
	+	W16-7PL	X								YL	Diagonal Arrow Plaque Left	24	12	2.0	RWM	6080005									
T-5.07	W-20B	D1-1d	X								GR	Matthie Ranch Rd, Diag Arrow US-93 Right Arrow	72	30	15.0	F-DA										Install on Existing Posts

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	374	524	
		093 YV 189			

DATE | MADE BY | NO.2 DESCRIPTION OF REVISION | DATE | MADE BY | NO.1 DESCRIPTION OF REVISION

Notes:

1. The Engineer shall verify post lengths and elevations.
2. The Engineer may shift a sign in order to achieve a more desirable location.
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Panel Types:

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F-Dem: Flat-sheet aluminum with demountable characters

Ext: Aluminum extrusions

Sheeting Type:

See Special Provisions Section 1007

Colors:

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

Stringer Types:

P: Square-tube post
T: T-Section

Post Types:

2S-2" Single
2T-2" Telescoping
2 1/2S-2 1/2" Single
2 1/2T-2 1/2" Telescoping

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

WICKENBURG RANCH WAY
NEW SIGN SUMMARY

Registered Professional Engineer (Civil) CERTIFICATE NO. 51481 BRIANNE MARIE TURPIN ARIZONA, U.S.A.

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. T-4.23

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

6/11/2026 6/11/2026 ...\t0738A ssum16.dgn T-4.23 CROSS ROAD

SURVEY NO.	FINISHED PLANS	REVISIONS	LOCATION	DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	375	524	

093 YV 189

MATCH LINE SEE BELOW LEFT

MATCH LINE SEE ABOVE RIGHT

MATCH LINE STA 135+00

US 93

300 110 115 120 125 130 135

S194.47A Existing — Remove Existing Panel — Wickenburg Ranch Way — SOUTH 93

S194.20A Existing — Remove Existing Panel — Wickenburg Ranch Way — SOUTH 93

W-15 Existing — To Remain

W-18 Existing — To Remain

W-19 Existing — To Remain

W-20A Existing — Remove Existing Plaque — Matthie Ranch Rd

S194.32 Existing — To Remain

S194.28 Existing — To Remain

S194.15 Existing — Remove

S194.11 Existing — 20 km/h — Remove Signs and Flashing Assembly

See Note 1

N194.29 Existing — Remove

N194.23 Existing — ½ MILE JUNCTION 89 — To Remain

NOTES

1. Remove existing flexible delineators between Sta. 126+00 and Sta. 147+00 along both NB and SB US 93.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
EXISTING SIGNING
BEGIN PROJECT TO STA 135+00

Registered Professional Engineer Stamp
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-5.01
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A sg_rem01.dgn EX SIGNS T-5.01

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	376	524	
		093 YV 189			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

135 140 145

MATCH LINE STA 135+00

MATCH LINE STA 149+00

US 93

See Note 1

S194.00A Existing WORK ZONE UNKNOWN 9 Remove

N194.04 Existing SPEED LIMIT 55 Remove

N194.00A Existing Remove

N194.00B Existing Remove

Granite Mtn Hotshots Memorial State Park 18 MILES

Relocate to N193.93

N193.92 Existing

Remove

N193.91L Existing Remove

S193.91R Existing Remove

N193.91R Existing Remove

S193.91L Existing Remove

S193.85 Existing SPEED LIMIT 55 Remove

Congress Prescott Kingman

N193.86 Existing Remove

NOTES

1. *Remove existing flexible delineators between Sta. 126+00 and Sta. 147+00 along both NB and SB US 93.*

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
EXISTING SIGNING
STA 135+00 TO STA 149+00

Registered Professional Engineer (Civil) CERTIFICATE NO. 51481 BRIANNE MARIE TURPIN Date Signed 7-7-2026 ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-5.02
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A sg_rem02.dgn EX SIGNS T-5.02

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	377	524	
		093 YV 189			

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

MATCH LINE STA 149+00

MATCH LINE STA 163+00

MATCH LINE STA 494+00

US 93

SR 89

Matthie Ranch Rd

Wickenburg
ELEVATION 2093
FOUNDED 1863

Congress
Prescott

Klingman

150

155

160

600

S193.80A Existing — Relocate to S193.80B

S193.78 Existing — Remove

S193.70R Existing — Remove

S193.70L Existing — Remove

S193.64L Existing — Remove

S193.64R Existing — Remove

M1 Existing — Remove

M2 Existing — Remove

M3 Existing — Remove

M4 Existing — Remove

M5 Existing — Remove

M6 Existing — Remove

M7 Existing — Remove

M8 Existing — Remove

S193.60 Existing — Remove

S193.61 Existing — Remove

N193.58 Existing — Remove

N193.68 Existing

N193.71 Existing — Remove

N193.73 Existing — Remove

N193.77A Existing — Remove

N193.77B Existing — Remove

N258.10 Existing — Remove

N258.12 Existing — Remove

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

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Phoenix, Arizona 85016
Phone: (602) 333-2200

US 93
EXISTING SIGNING
STA 149+00 TO STA 163+00

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
Date Signed
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-5.03
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A sg_rem03.dgn EX SIGNS T-5.03

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	378	524	
		093 YV 189			

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

MATCH LINE STA 163+00

MATCH LINE STA 177+00

MATCH LINE STA 494+00

MATCHLINE STA 485+00 SEE DWG NO. T-5.06

US 93

SR 89

165

170

175

905

900

S193.51A Existing — Wickenburg — Remove

S193.51C Existing — Remove

S193.45 Existing — Remove

N193.48 Existing — ONE WAY — Remove

N193.45B Existing — ONE WAY — Remove

N193.45A Existing — STOP — Remove

S193.54 (L/R) Existing — WRONG WAY — Remove

S193.51B Existing — DO NOT ENTER — Remove

N193.49 Existing — Remove

N193.50 Existing — DO NOT ENTER — Remove

S193.49 Existing — ONLY — STOP — AHEAD — Remove

S193.48 Existing — STOP — Remove

S258.30 Existing — NORTH 93 SOUTH 93 — Remove

N193.41 Existing — NORTH 93 — Remove

N193.39 Existing — Remove

N193.38 Existing — Remove

S193.37 Existing — Remove

N193.37 Existing — TRUCK — LOW CLR — Remove

S193.31 Existing — SPEED LIMIT 55 — Remove

S258.35 (L/R) Existing — Remove

S258.37 Existing — Wickenburg Phoenix Kingman — Remove

N258.22 Existing — Remove

S258.33R Existing — WRONG WAY — Remove

S258.33L Existing — WRONG WAY — Remove

N258.39 Existing — DO NOT ENTER — Remove

S258.40 Existing — Remove

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
EXISTING SIGNING
STA 163+00 TO STA 177+00

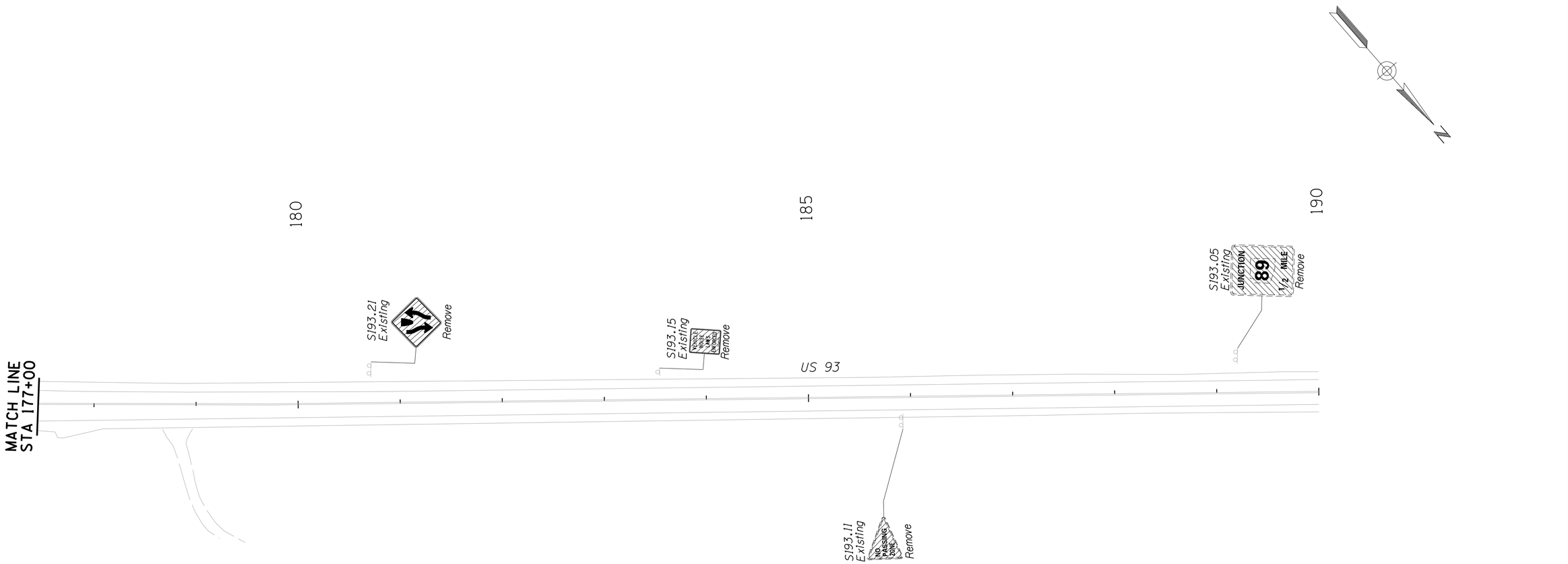
Registered Professional Engineer Stamp
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-5.04
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A sg_rem04.dgn EX SIGNS T-5.04

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	379	524	
		093 YV 189			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
EXISTING SIGNING
STA 177+00 TO STA 190+00

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE
TURPIN
Date Signed
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-5.05
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

6/11/2026 ...\t0738A sg_rem05.dgn EX SIGNS T-5.05

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	380	524	
		093 YV 189			

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

MATCH LINE
STA 485+00
SEE DWG NO. T-5.04

S258.43A
Existing
DO NOT PASS
Remove

SR 89

N258.47
Existing
OVER 40 FEET
37 MILES AHEAD
ON SR 89
Relocate To
N258.60

N258.51
Existing
89
NORTH
Relocate to
N258.51

S258.55A
Existing
Remove

To Remain
S258.56L
Existing
N258.56L
Existing
To Remain

Remove
S258.56R
Existing
S258.56R
Existing
Remove

To Remain
S258.64L
Existing
N258.64L
Existing
To Remain

S258.65A
Existing
SPEED LIMIT
35
Remove

Remove
N258.64R
Existing
S258.64R
Existing
Remove

Remove
N258.65A
Existing
SPEED LIMIT
35

MATCH LINE
STA 471+00
SEE BELOW LEFT

485

080

916

MATCH LINE
STA 471+00
SEE ABOVE RIGHT

S258.76A
Existing
SPEED REDUCED AHEAD
Remove Existing Panel

SR 89

470

470

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SR 89
EXISTING SIGNING
STA 485+00 TO STA 470+00

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE
TURPIN
06/30/2026
ARIZONA, U.S.A.

ROUTE: US 93
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG NO. T-5.06
TRACS NO. F0738 01C
093-B(230)T
___ OF ___

6/11/2026 ...\t0738A sg_rem06.dgn EX SIGNS T-5.06

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	381	524	

093 YV 189

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

2090 2095 2100 2105 2110 2115

US 93

MATCHLINE SEE BELOW LEFT

MATCHLINE SEE ABOVE RIGHT

MATCHLINE STA 2117+00

Wickenburg Ranch Way

SOUTH 93

Sta 2110+18

N194.47B New

W-20B New

Wickenburg Ranch Rd

Wickenburg Ranch Way Sta 76+38

For Wickenburg Ranch Way Signing and Pavement Marking See Dwg No. T-5.31

Obliterate Existing Edge Line

S194.20B New

S194.11 (L/R) New

20 MPH

Sta 2114+57

S194.28 Existing To Remain

S194.24 New

STATE LAW KEEP RIGHT EXCEPT WHEN PASSING

Sta 2107+52 Mount on Light Pole

Sta 2109+03 Begin White Edge Line

Sta 2109+63 Begin Existing Edge Line Obliteration

Sta 2109+77 Match Existing Inside Edge and Lane Line Striping End Existing Edge Line Obliteration Begin Outside and Inside Shoulder Tapers Begin 8" Shoulder Rumble Strips

8" Shoulder Rumble Strips

6" White

Sta 2113+50 End Inside Shoulder Taper

Varies

Sta 2115+04 End Outside Shoulder Taper End 8" Shoulder Rumble Strips Begin 12" Shoulder Rumble Strips

12" Shoulder Rumble Strips

10' (Typ)

12" White (Typ)

Obliterate Existing Striping Between Crosswalk

Wickenburg Ranch Road

Sta 2106+24 Match Existing Striping Begin 12" Shoulder Rumble Strips

1/2 MILE JUNCTION 69

N194.23 Existing To Remain

Sta 2110+59

6" White 10' Stripe, 30' Space

Type C RPMs @ 40' Spacing

6" Yellow

4' 12' 12' 2' 4' 8' 12' 12' 4' 12' 12' 8'

US 93

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
SIGNING AND PAVEMENT MARKING
BEGIN PROJECT TO STA 2117+00

Registered Professional Engineer Draft
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. T-5.07

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

6/11/2026 ...\t0738A sg_pm_02.dgn NEW SIGNS-PM T-5.07

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	382	524	
		093 YV 189			

DATE: | SURVEY NO. | FINISHED PLANS: | REVISIONS: | LOCATION: | DATE:

20 | 25 | 30

2120 | 2125 | 2130

MATCHLINE STA 2117+00

MATCHLINE STA 2131+00

8' | 12' | 12' | 4' | 12' | 12' | 8'

US 93

S194.05 New — Sta 2118+00

S194.00B New — Sta 2120+58

Sta 2125+48 — N193.91L New

S193.91R New — Sta 2125+61

S193.84 New — SPEED LIMIT 50 — Sta 2128+98

6" White

6" White 10' Stripe, 30' Space

12" Shoulder Rumble Strips

Type C RPMs @ 40' Spacing

6" Yellow

Sta 2118+48 — SPEED LIMIT 50 — N194.04 New

Sta 2120+58 — N194.00C New

Sta 2124+50 Relocated from N193.92 — Granite Mtn Hotshots Memorial State Park 18 MILES — N193.93 Existing

Sta 2125+49 — N193.91R New

N193.91S New — Sta 2125+61

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

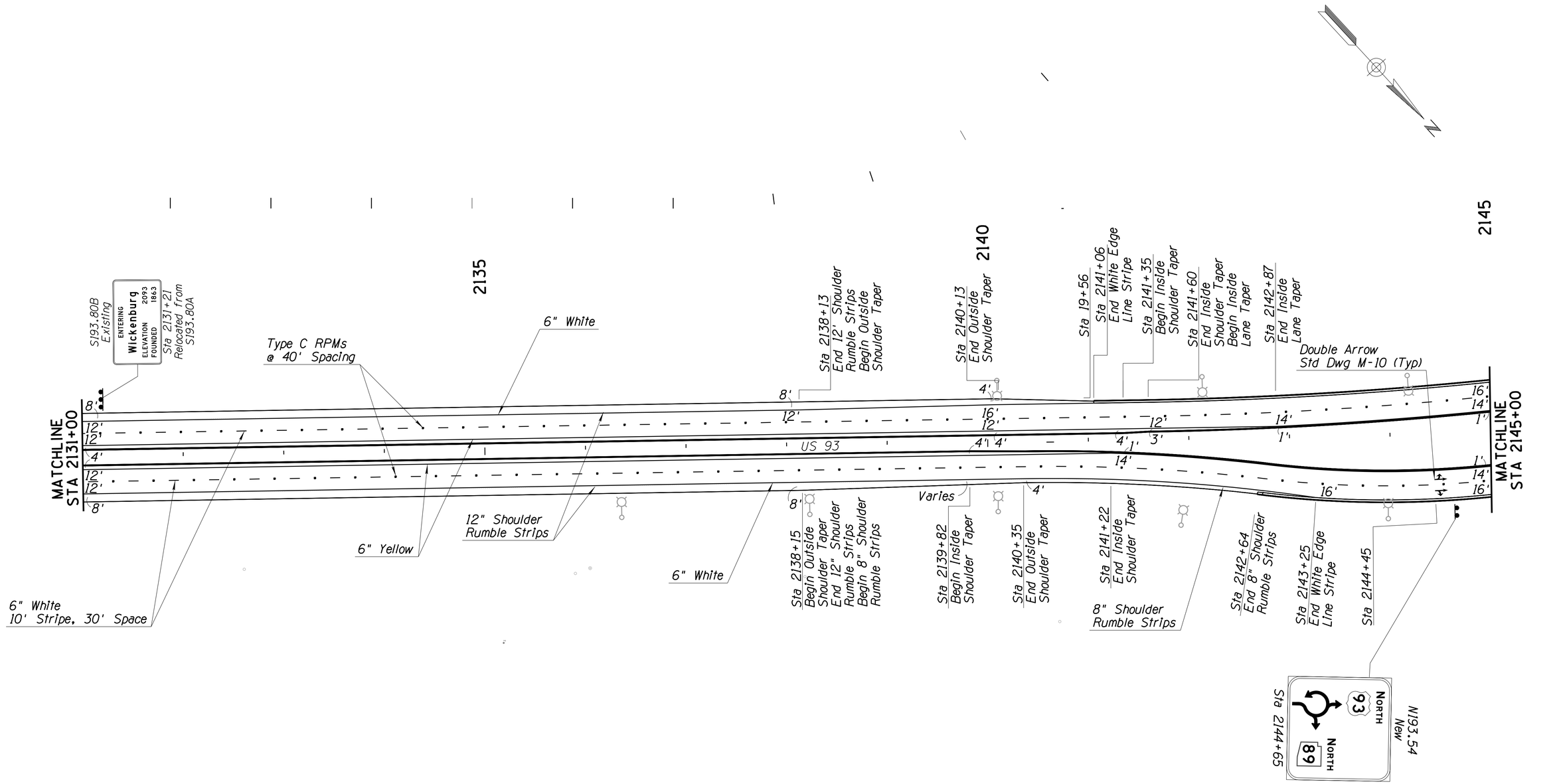
US 93
SIGNING AND PAVEMENT MARKING
STA 2117+00 TO STA 2131+00

Registered Professional Engineer (Civil) — CERTIFICATE NO. 51481 — BRIANNE MARIE TURPIN — ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-5.08
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A sg_pm_03.dgn NEW SIGNS-PM T-5.08

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	383	524	
		093 YV 189			



	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
SIGNING AND PAVEMENT MARKING
STA 2131+00 TO STA 2145+00

Registered Professional Engineer (Civil) CERTIFICATE NO. 51481 BRIANNE MARIE TURPIN 2-5-2027 ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-5.09
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A sg_pm_04.dgn NEW SIGNS-PM T-5.09

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	384	524	

093 YV 189

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

2145 2150 2155

MATCHLINE STA 2145+00

STA 2158+56= US 93 NB MATCHLINE STA 177+00

US 93

US_93_SB

US_93_NB

Varies

16'
14'
1'
4'
12'
8'

Type C RPM's @ 40' Space

6" White 10' Stripe 30' Space

6" Yellow

6" White

8" Shoulder Rumble Strips

12" Shoulder Rumble Strips

For Pavement Marking See Dwg No. T-5.11

S193.48 New — Sta 2147+64

N193.47 S193.45 S193.44 New — Sta 2148+48

S193.47 New — Sta 2148+74 2149+98

S193.43 (L/R) New — Sta 2150+54 Sta 2150+55

S193.40 New — Sta 2152+32 Mount on Light Pole

S193.36 New — Sta 2154+04 Mount on Light Pole

Sta 2154+44

S193.32 New — Sta 2156+27

Sta 2156+13 Begin Striping Begin Inside Shoulder Taper

Sta 2157+55 Begin 8" Shoulder Rumble Strips

Sta 2157+77 Begin Outside Shoulder Taper Begin 8" Shoulder Rumble Strips

Sta 2154+91 Begin Striping Begin Outside Shoulder Taper

Sta 2155+91 End Outside Shoulder Taper Begin 12" Shoulder Rumble Strips

Sta 2157+52 Begin Inside and Outside Shoulder Taper Begin 8" Shoulder Rumble Strips

Sta 2148+29

N193.48 (L/R) New

N193.51B New — Sta 2146+52

N193.51A New

Sta 2146+05 Mount on Light Pole

N193.52 (L/R) New — Sta 2145+60

Sta 2148+87

N193.46 New

N193.44 N193.43A New — Sta 2149+88 Sta 2150+43

N193.41 New — Sta 2151+43

N193.43B New — Sta 2150+52

S258.33 New — Sta 112+00 Mount on Light Pole

Sta 112+85

Double Arrow (Typ) Std Dwg M-10

For SR 89 Signing and Pavement Marking See Dwg No. T-5.28

12" White

6" Yellow

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
SIGNING AND PAVEMENT MARKING
STA 2145+00 TO STA 2159+00

Registered Professional Engineer (Civil) CERTIFICATE NO. 51481 BRIANNE MARIE TURPIN Date Signed 6/26/26 ARIZONA, U.S.A.

ROUTE: US 93 | LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. T-5.10

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

6/11/2026 ...\t0738A sg_pm_05.dgn NEW SIGNS-PM T-5.10

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	385	524	
		093 YV 189			

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

Sta 2148+89, 91' Lt
8" White
3' Stripe
3' Space (Typ)
Paint Bullnose
White (Typ)
See Detail on
Dwg No. T-3.03
Sta 2148+64, 73' Lt
Sta 2149+20, 96' Lt
Type C RPM's
@ 40' Space
8" White (Typ)
Sta 2149+91, 80' Lt
Sta 2147+66
8" White
Sta 2148+37
Sta 2150+12, 86' Lt
6" White
10' Stripe
30' Space
12" White
3' Stripe
3' Space (Typ)
Sta 2150+25, 38' Lt
Sta 2150+41, 46' Lt
Sta 2152+35
2147
2148
2149
2150
2151
2152
20'
15'
16'
14'
1'
6" White
6" Yellow
US 93
Sta 2148+69
Sta 2149+92
5'
(Typ)
12" White
Sta 2151+64
17'
Var
16'
14'
1'
US 93
Dual Arrow (Typ)
Std Dwg M-10
Sta 2150+49, 23' Lt
15'
18'
1'
Sta 2148+35, 23' Rt
6" White
Sta 2150+20
12" White (Typ)
6" Yellow
Sta 2150+60
Sta 2148+39, 48' Rt
Sta 2150+43, 48' Rt
Sta 2148+87
Sta 2149+99, 80' Rt
Sta 2146+48
Sta 2147+05
12" White
18" Yield
Line (Typ)
19'
Sta 2148+47, 76' Rt
Sta 2148+62, 64' Rt
Sta 2150+59, 58' Rt
8" White
Type C RPM's
@ 40' Space
15'
18'
1'
Sta 2150+58, 73' Rt
US 93 Sta 2148+75, 98' Rt
SR 89 Sta 108+78, 167' Lt
Sta 2150+39, 65' Rt
6" White
Single Arrow (Typ)
Std Dwg M-10
US 93 Sta 2149+95, 100' Rt
SR 89 Sta 110+09, 193' Lt
Sta 2150+21, 56' Rt
Sta 109+00
14'
17'
1'
Var
US 93 Sta 2150+15, 91' Rt
SR 89 Sta 110+23, 204' Lt
20'
1'
6" Yellow
12" White
SR 89
YIELD
YIELD

NOTES:

All striping within roundabout paving limits identified on Dwg No. T-5.10 shall be extruded thermoplastic reflectorized striping or Type I/IV preformed striping.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

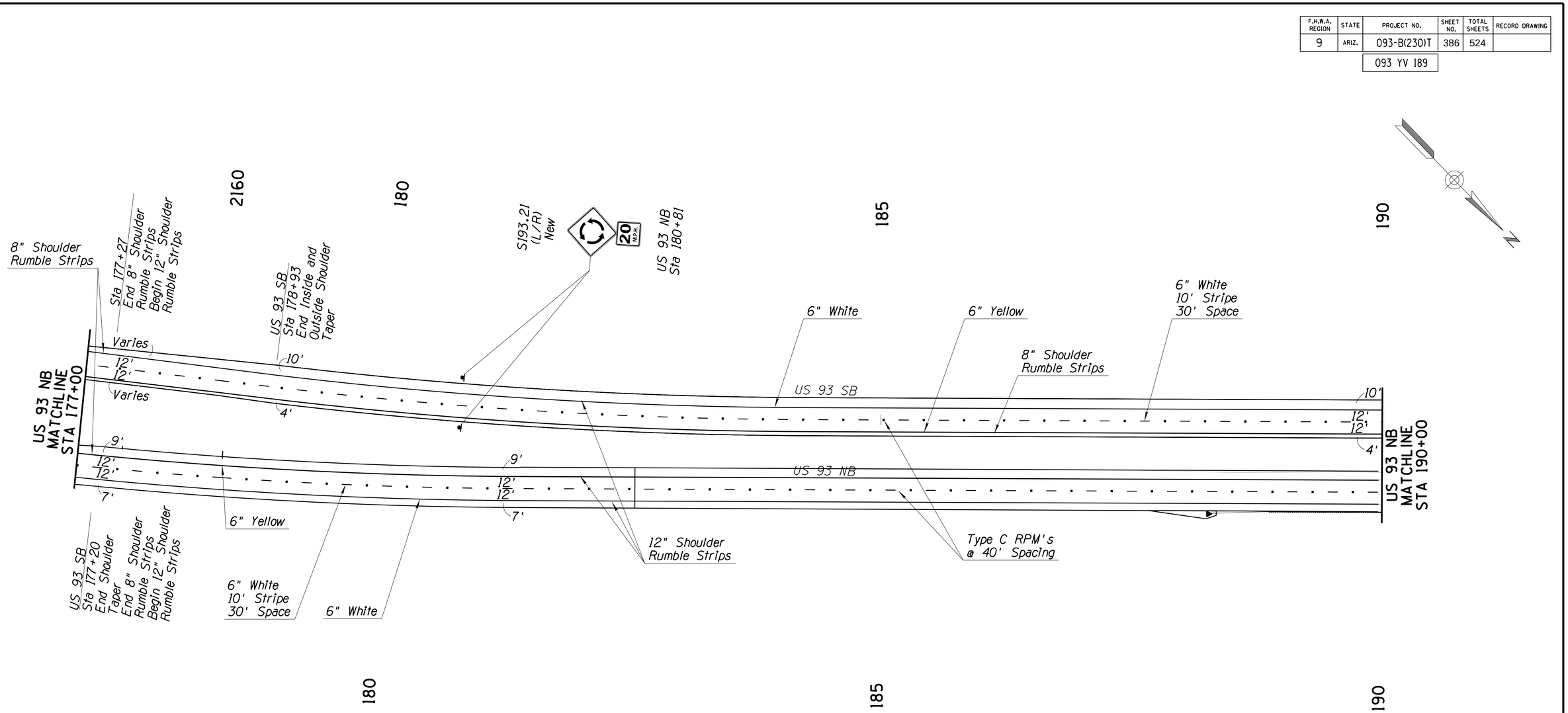
US 93
ROUNDABOUT PAVEMENT
MARKING DETAIL

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE
TURPIN
Date Signed 6-26-26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-5.11
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A sg_pm_06.dgn NEW SIGNS-PM T-5.11

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	386	524	
		093 YV 189			



	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
5133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
SIGNING AND PAVEMENT MARKING
STA 177+00 TO STA 190+00

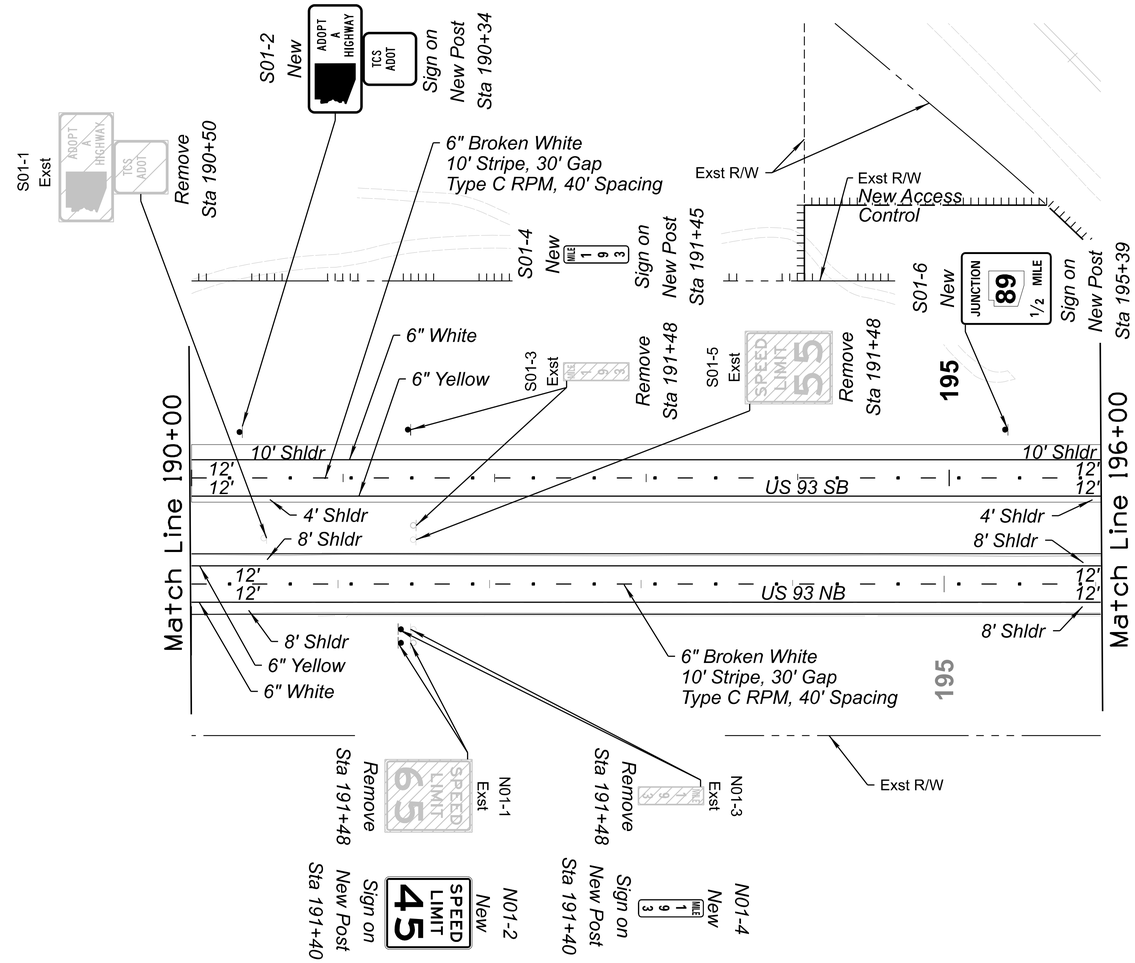
Registered Professional Engineer Stamp
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-5.12
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C		093-B(230)T

OF

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

6/11/2026 ...\t0738A sg_pm_07.dgn NEW SIGNS-PM T-5.12



NOTES

1. *Install 12" width rumble strips on shoulders greater than 6' in width, and install 8" width rumble strips on shoulders less than 6' in width per ADOT Std. Dwg. M-22.*

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

CERTIFICATE NO. 64542 CRAIG J. RICKETTS, JR. Date Signed 06/26/26 ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100
AECOM
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGNING AND PAVEMENT MARKING
SB US 93 STA 190+00 TO STA 196+00

ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 190	093-B-NFA	387	524	

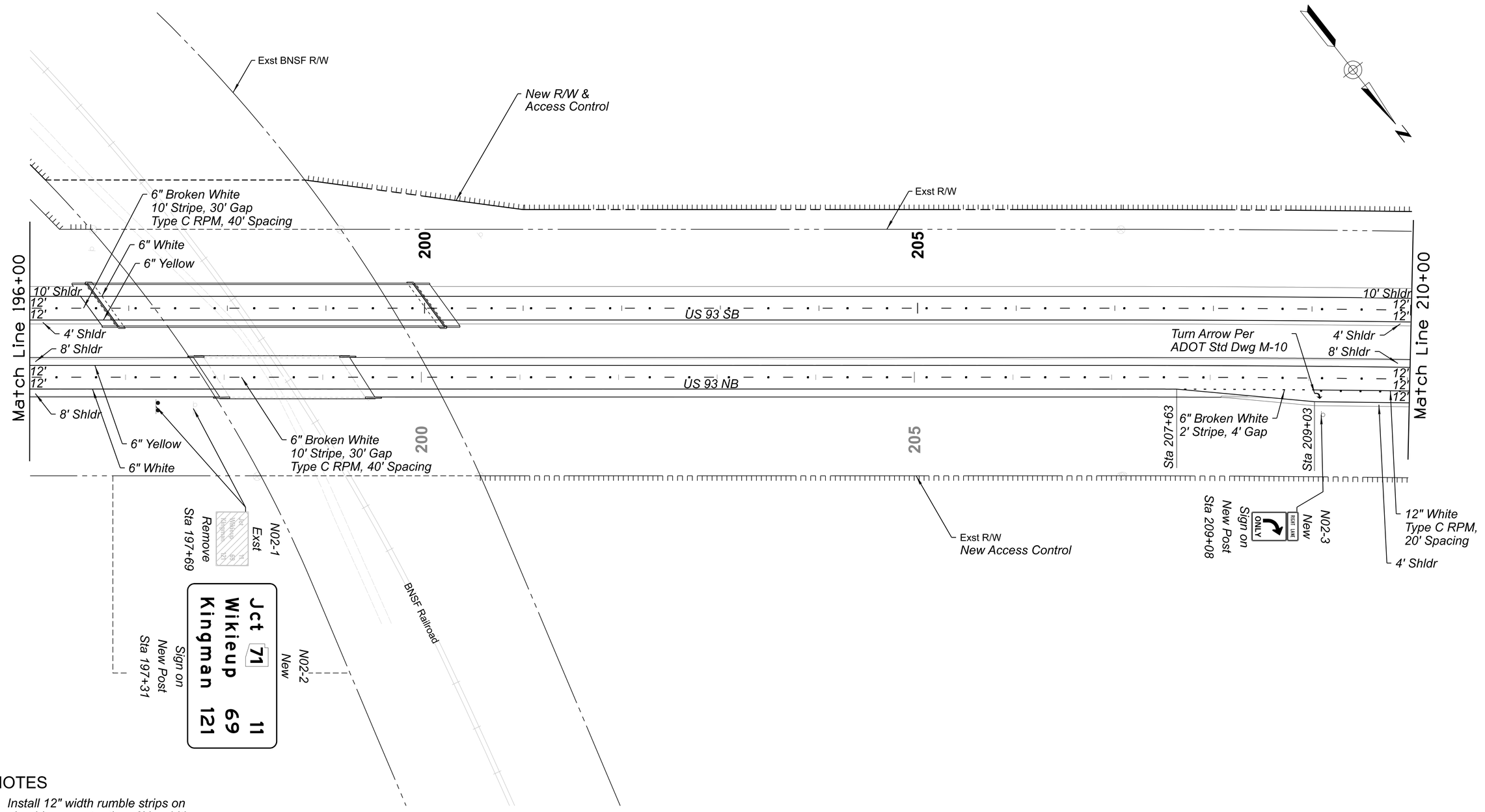
LOCATION VISTA ROYALE

DWG No. T-5.13

TRACS NO. F0738 01C

____ OF____

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NOTES

1. *Install 12" width rumble strips on shoulders greater than 6' in width, and install 8" width rumble strips on shoulders less than 6' in width per ADOT Std. Dwg. M-22.*

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

Registered Professional Engineer — Certificate No. 42542 — CRAIG J. RICKETTS, JR. — Date Signed 06/30/2026 — ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

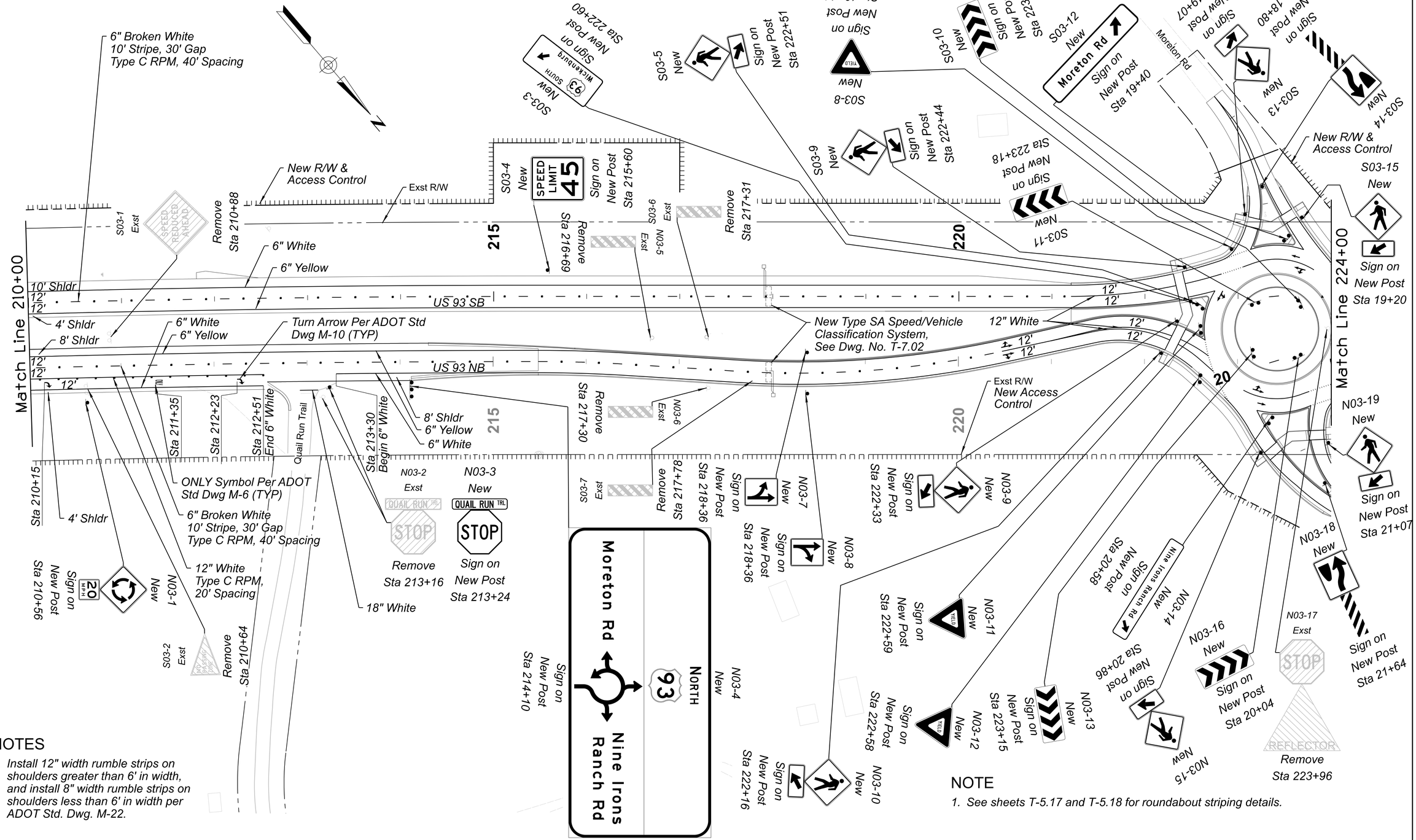
SIGNING AND PAVEMENT MARKING
SB US 93 STA 196+00 TO STA 210+00

ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 190	093-B-NFA	388	524	

LOCATION: VISTA ROYALE
TRACS NO. F0738 01C
DWG No. T-5.14
____ OF ____

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NOTES

1. Install 12" width rumble strips on shoulders greater than 6' in width, and install 8" width rumble strips on shoulders less than 6' in width per ADOT Std. Dwg. M-22.

NOTE

1. See sheets T-5.17 and T-5.18 for roundabout striping details.

Registered Professional Engineer
CERTIFICATE
56542
CRAIG J. RICKETTS, JR.
Date Signed 06/26/26
ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
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Phoenix, Arizona 85020
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www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

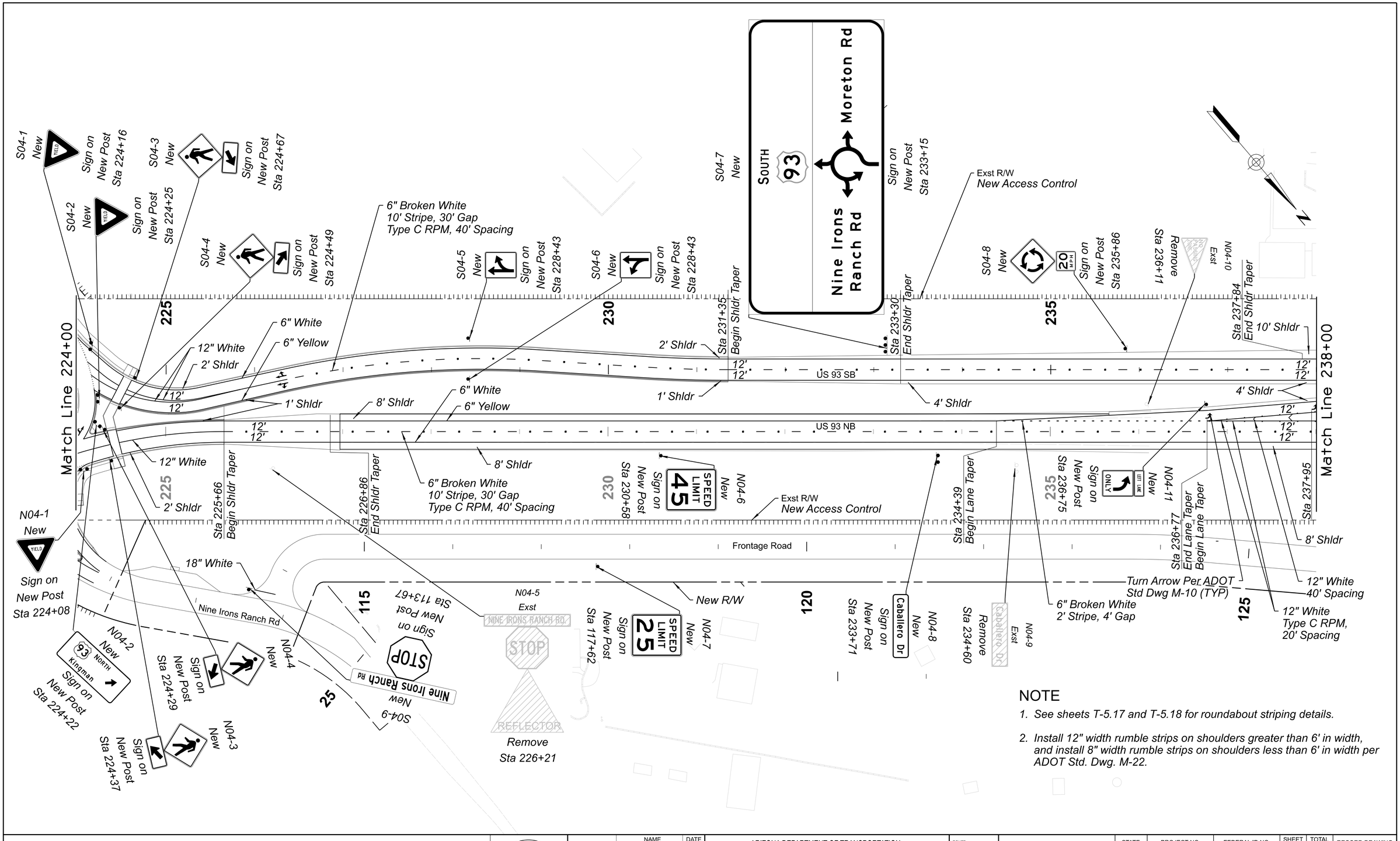
SIGNING AND PAVEMENT MARKING
SB US 93 STA 210+00 TO STA 224+00

ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 190	093-B-NFA	389	524	

LOCATION: VISTA ROYALE
DWG No. T-5.15
TRACS NO. F0738 01C
____ OF ____

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NOTE

1. *See sheets T-5.17 and T-5.18 for roundabout striping details.*
2. *Install 12" width rumble strips on shoulders greater than 6' in width, and install 8" width rumble strips on shoulders less than 6' in width per ADOT Std. Dwg. M-22.*

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

Professional Engineer Certificate 84542 Craig J. Ricketts, Jr. Expires 09/30/26 Arizona, U.S.A.

TRANSPORTATION
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7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

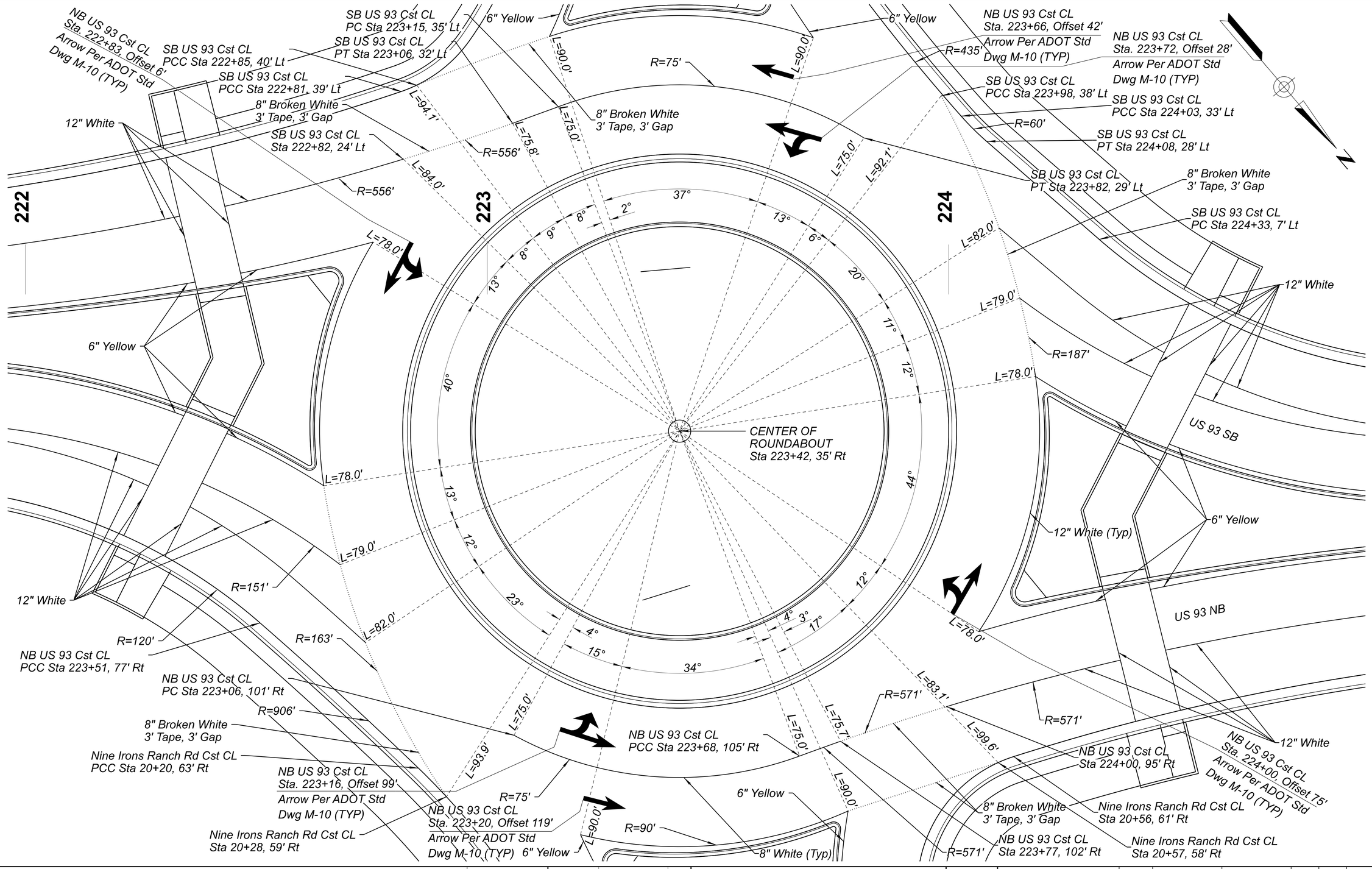
SIGNING AND PAVEMENT MARKING
SB US 93 STA 224+00 TO STA 238+00

ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 190	093-B-NFA	390	524	

LOCATION VISTA ROYALE
DWG No. T-5.16
TRACS NO. F0738 01C
____ OF ____

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	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

Registered Professional Engineer — Certificate 64542 — CRAIG J. RICKETTS, JR. — Date Signed (06/30/26) — ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
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T 602.371.1100
AECOM
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

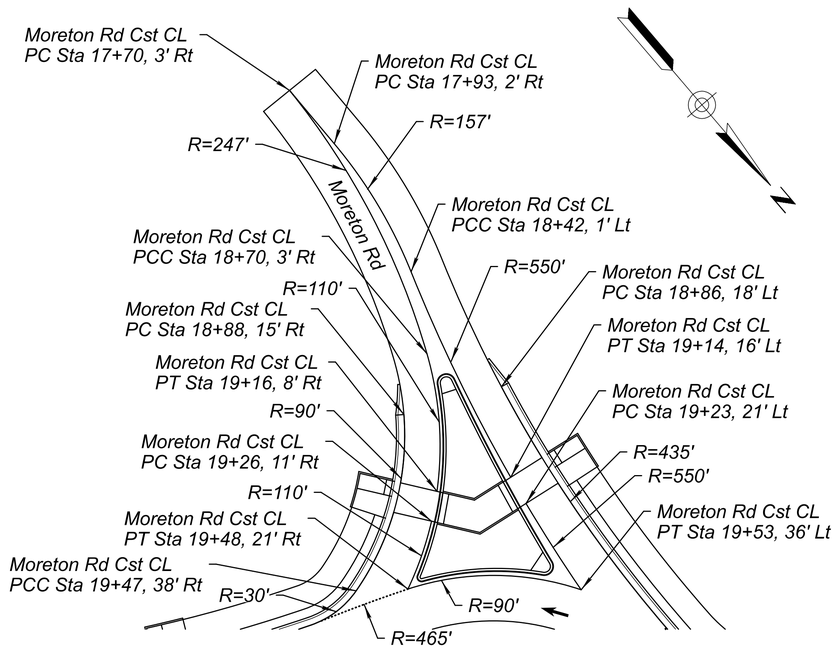
ROUNDABOUT
STRIPING STAKING
MORETON RD & NINE IRONS RANCH RD

ROUTE: US 93
MILEPOST: 190.5
STRUCTURE NO.:

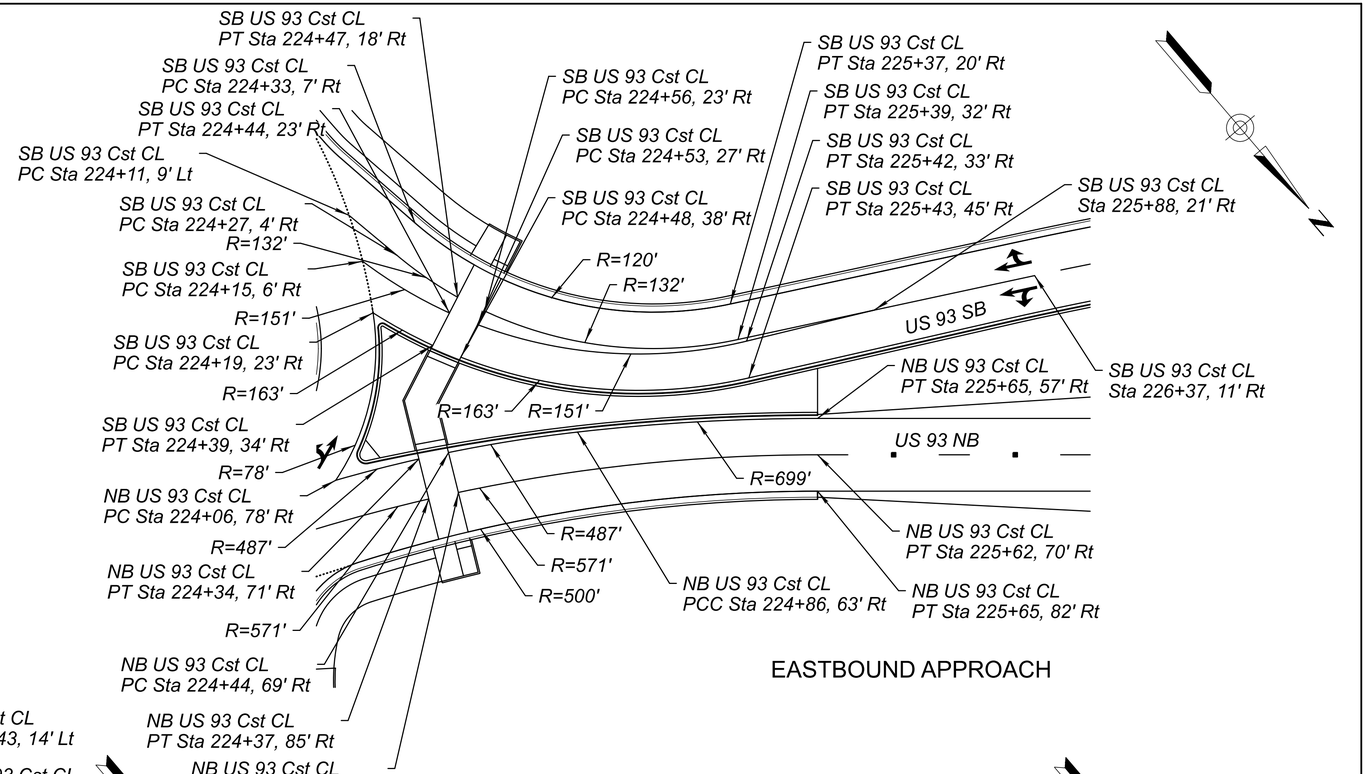
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 190	093-B-NFA	391	524	

LOCATION: VISTA ROYALE
DWG No. T-5.17
TRACS NO. F0738 01C
____ OF ____

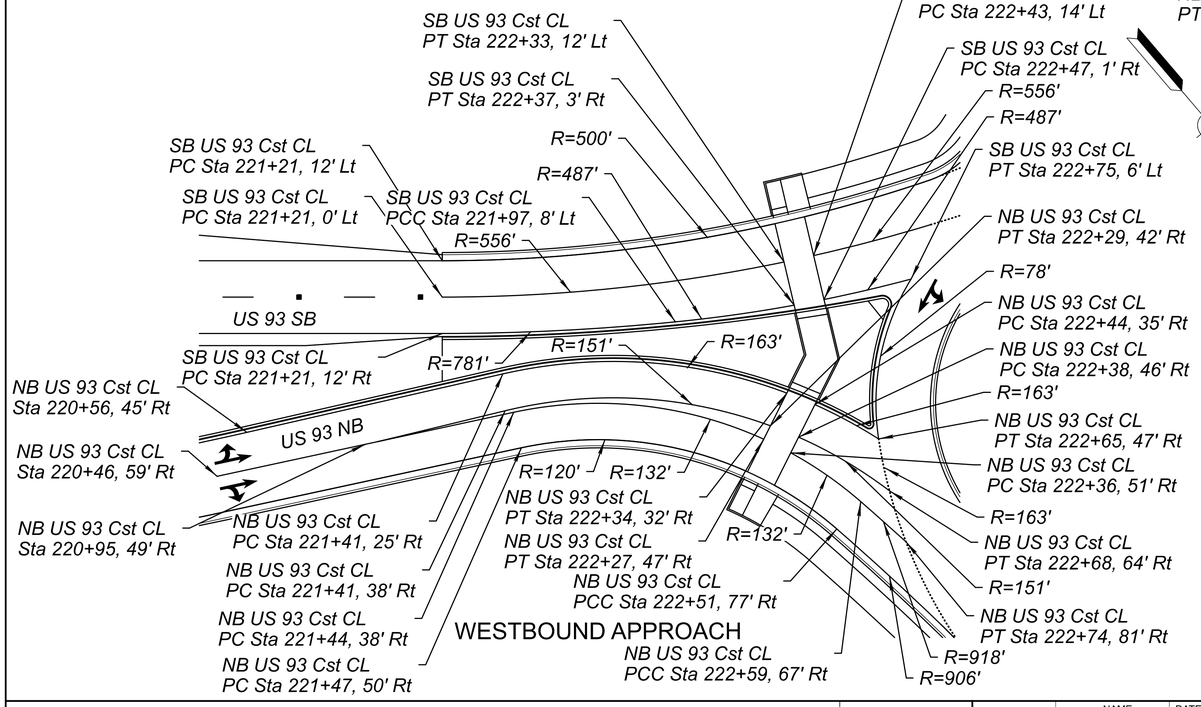
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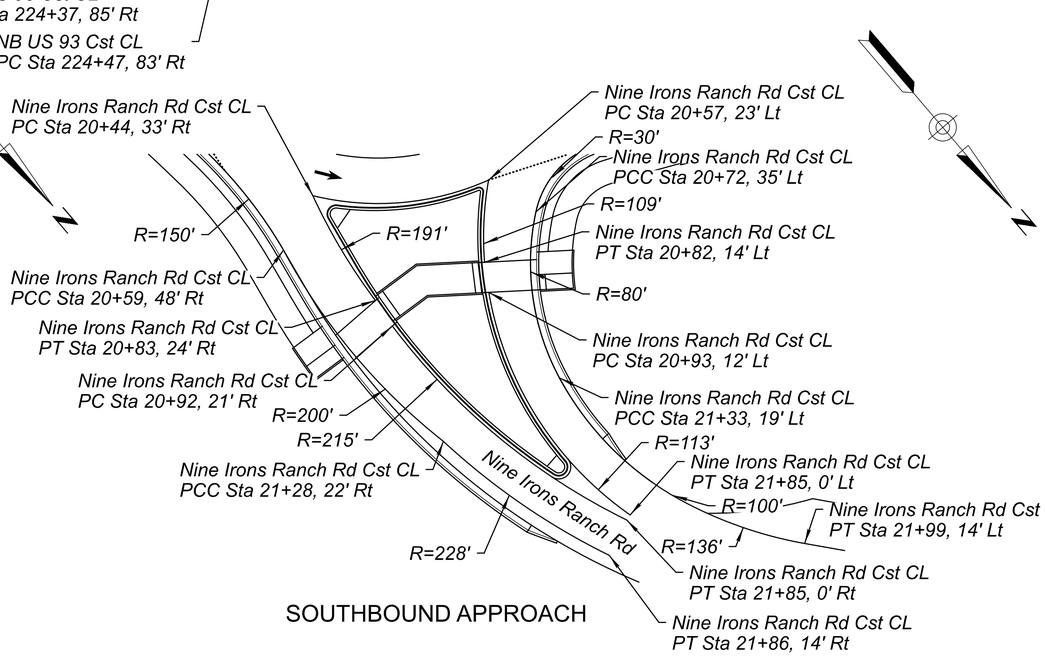
NORTHBOUND APPROACH



EASTBOUND APPROACH



WESTBOUND APPROACH



SOUTHBOUND APPROACH

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

Registered Professional Engineer
CERTIFICATE NO. 64542
CRAIG J. RICKETTS, JR.
Date Signed 06/26/26
ARIZONA, U.S.A.

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ARIZONA DEPARTMENT OF TRANSPORTATION
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ROUNDABOUT
STRIPING STAKING
MORETON RD & NINE IRONS RANCH RD

ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 190	093-B-NFA	392	524	

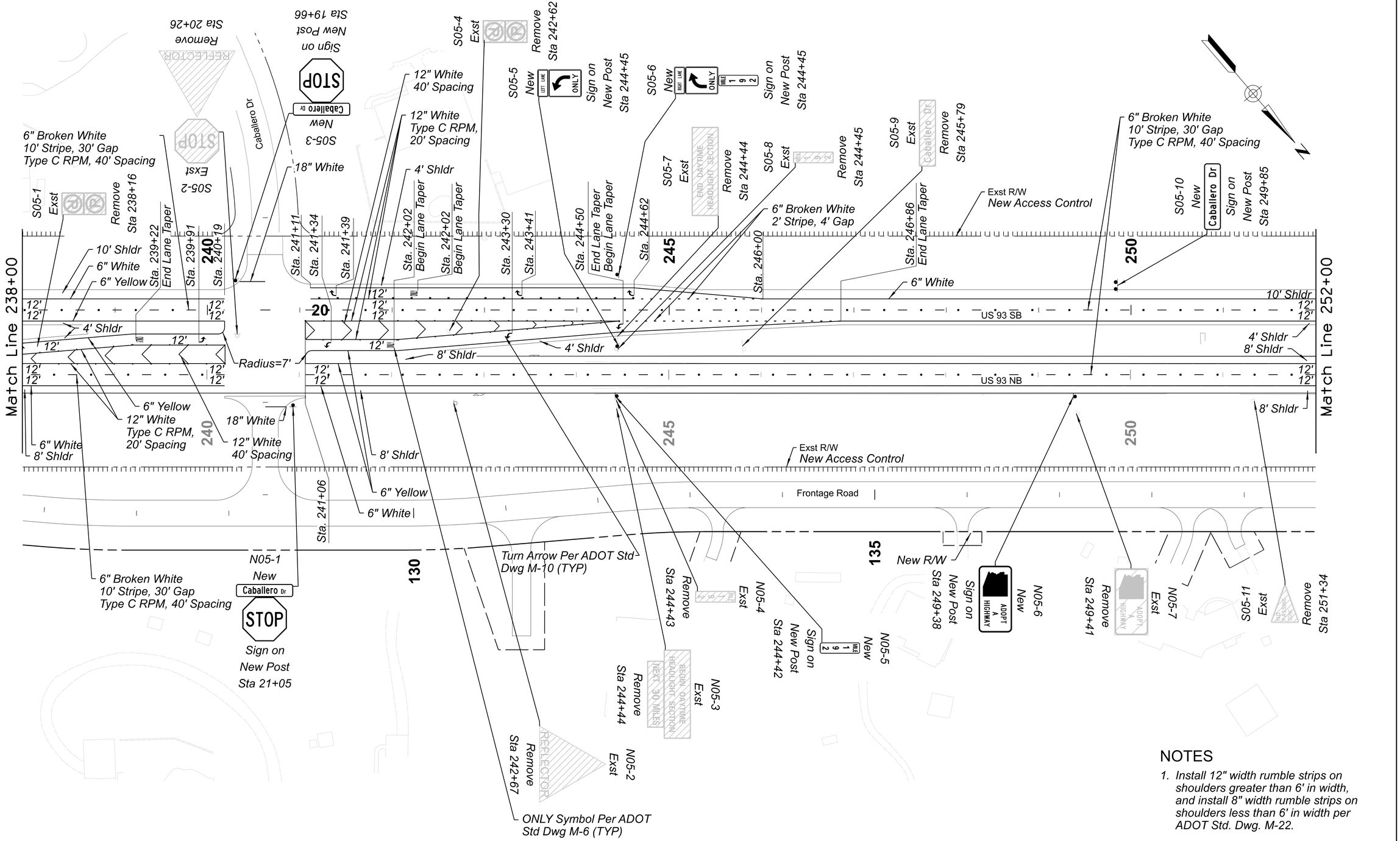
LOCATION: VISTA ROYALE

DWG No. T-5.18

TRACS NO. F0738 01C

____ OF ____

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NOTES

1. *Install 12" width rumble strips on shoulders greater than 6' in width, and install 8" width rumble strips on shoulders less than 6' in width per ADOT Std. Dwg. M-22.*

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

Registered Professional Engineer — 64542 — CRAIG J. RICKETTS, JR. — Date Signed — ARIZONA, U.S.A.

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ARIZONA DEPARTMENT OF TRANSPORTATION
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SIGNING AND PAVEMENT MARKING
SB US 93 STA 238+00 TO STA 252+00

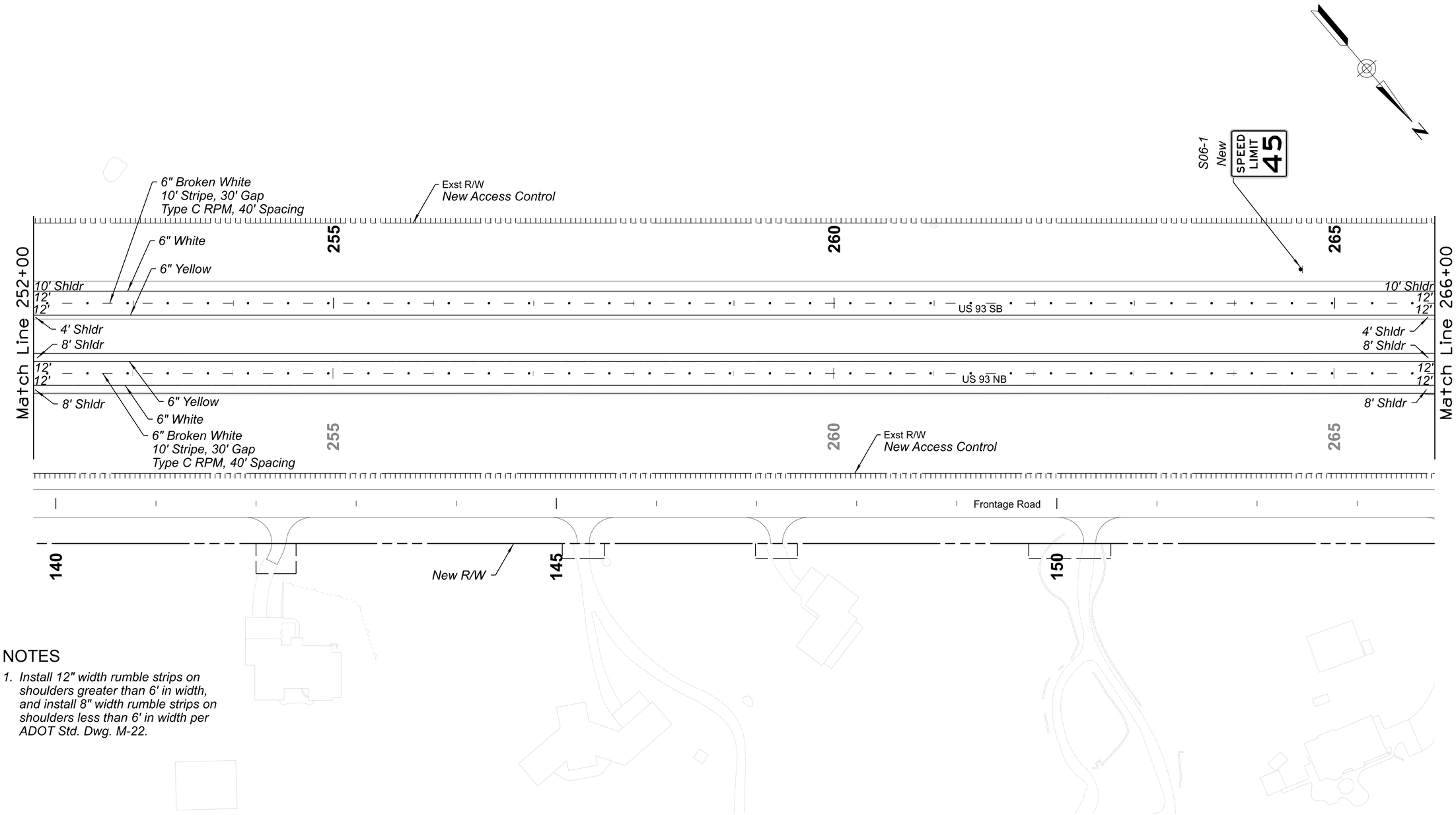
ROUTE: US 93
MILEPOST: 190.5
STRUCTURE NO.:

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 190	093-B-NFA	393	524	

LOCATION: VISTA ROYALE
TRACS NO. F0738 01C
DWG No. T-5.19
____ OF ____

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NOTES

1. *Install 12" width rumble strips on shoulders greater than 6' in width, and install 8" width rumble strips on shoulders less than 6' in width per ADOT Std. Dwg. M-22.*

Registered Professional Engineer — 64542 — CRAIG J. RICKETTS, JR. — Date Signed — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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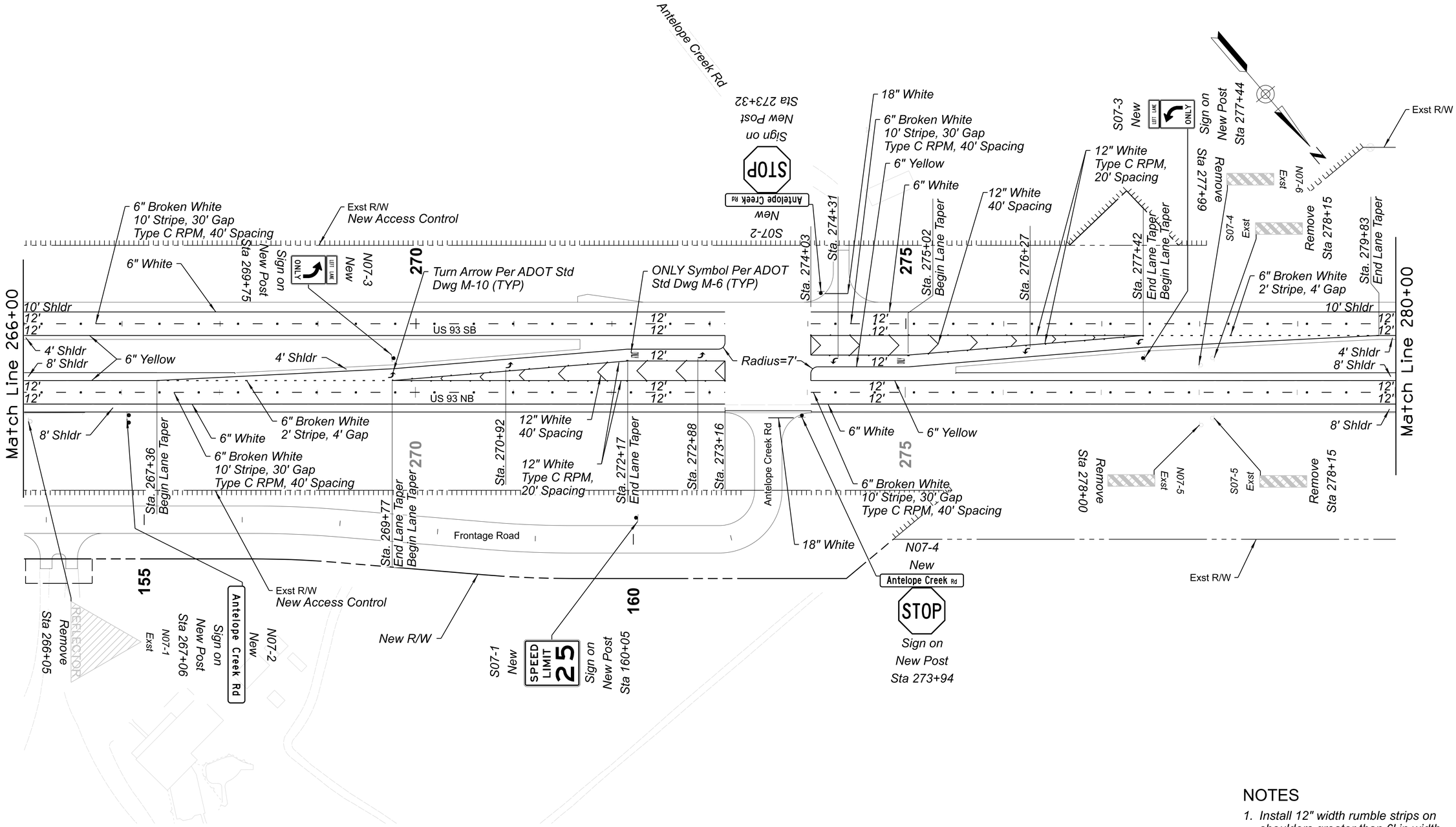
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGNING AND PAVEMENT MARKING
SB US 93 STA 252+00 TO STA 266+00

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 190	093-B-NFA	394	524	
MILEPOST 190.5	LOCATION: VISTA ROYALE					DWG No. T-5.20
STRUCTURE NO.	TRACS NO. F0738 01C					___ OF ___

F.H.W.A. Arizona Division

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NOTES

1. *Install 12" width rumble strips on shoulders greater than 6' in width, and install 8" width rumble strips on shoulders less than 6' in width per ADOT Std. Dwg. M-22.*

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

Registered Professional Engineer — CERTIFICATE 64542 — CRAIG J. RICKETTS, JR. — Date Signed 06/30/26 — ARIZONA, U.S.A.

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PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGNING AND PAVEMENT MARKING
SB US 93 STA 266+00 TO STA 280+00

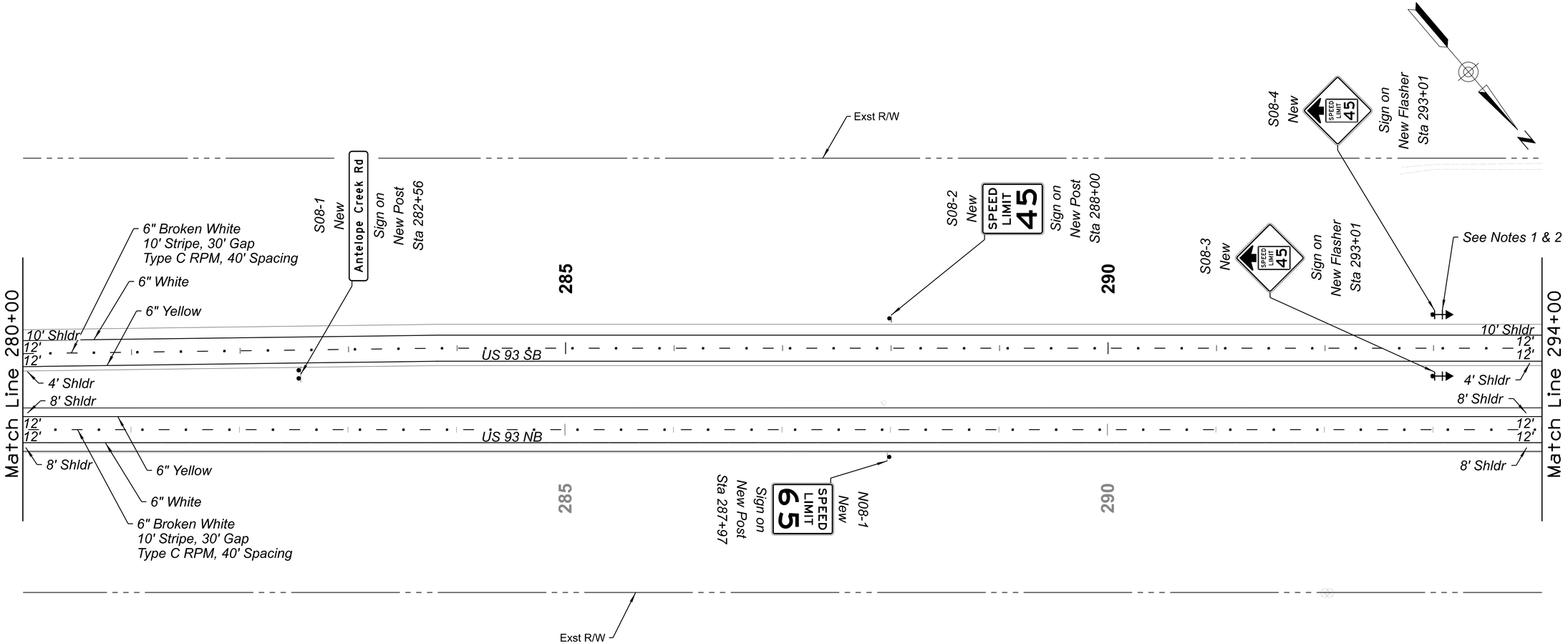
ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 190	093-B-NFA	395	524	

LOCATION: VISTA ROYALE
TRACS NO. F0738 01C
DWG No. T-5.21
____ OF ____

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NOTES

1. *Install new advance warning flasher pole with solar panel per ADOT Std. Dwg. T.S. 12-1.*
2. *Flashers shall include two, yellow signal indications per pole and meet requirements in ADOT Standard Specifications section "733-2.03 Flashing Beacons".*
3. *Install 12" width rumble strips on shoulders greater than 6' in width, and install 8" width rumble strips on shoulders less than 6' in width per ADOT Std. Dwg. M-22.*

Registered Professional Engineer — Certificate 64542 — CRAIG J. RICKETTS, JR. — Date Signed 06/10/26 — Arizona, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
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SIGNING AND PAVEMENT MARKING
SB US 93 STA 280+00 TO STA 294+00

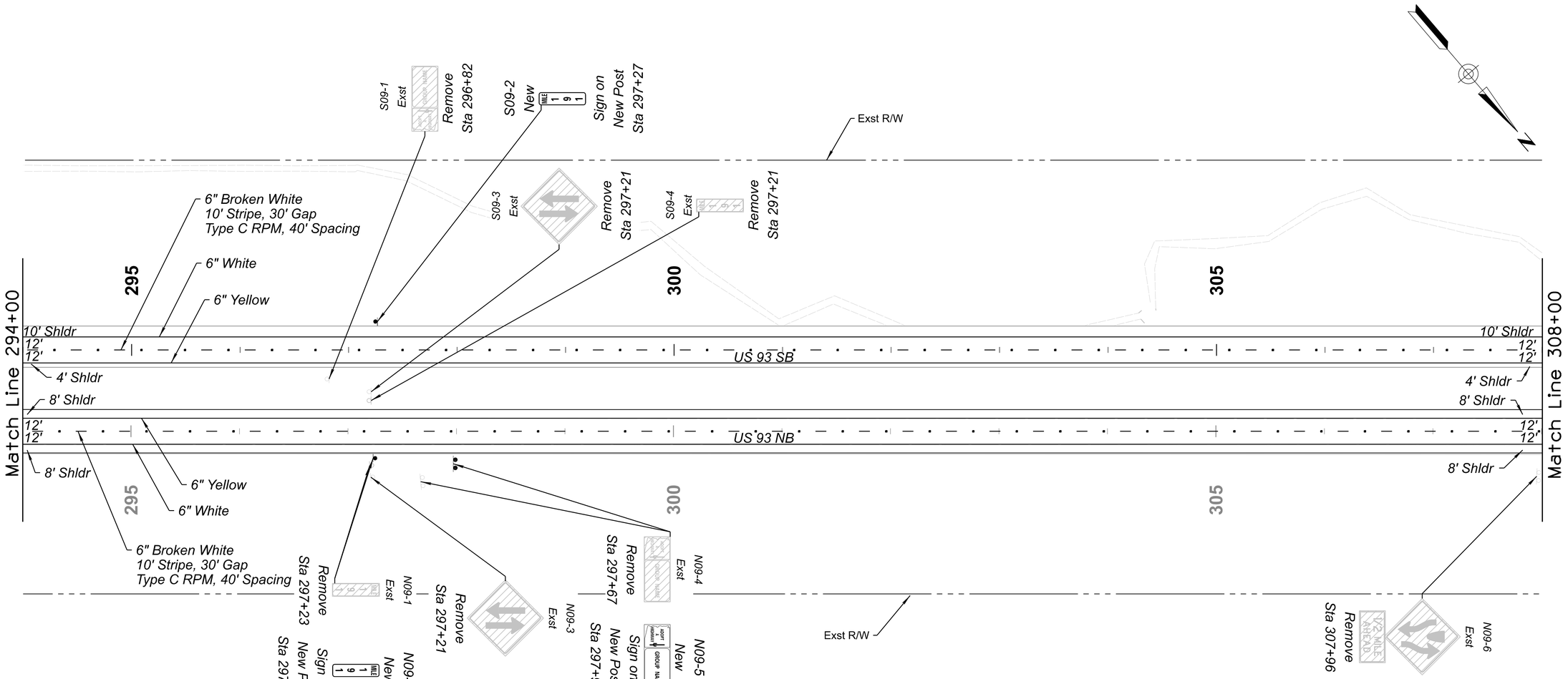
ROUTE: US 93
MILEPOST: 190.5
STRUCTURE NO.:

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 190	093-B-NFA	396	524	

LOCATION: VISTA ROYALE
DWG No. T-5.22
TRACS NO. F0738 01C
____ OF____

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NOTES

1. *Install 12" width rumble strips on shoulders greater than 6' in width, and install 8" width rumble strips on shoulders less than 6' in width per ADOT Std. Dwg. M-22.*

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

Professional Engineer — 64542 — CRAIG J. RICKETTS, JR. — Date Signed — ARIZONA, U.S.A.

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SIGNING AND PAVEMENT MARKING
SB US 93 STA 294+00 TO STA 308+00

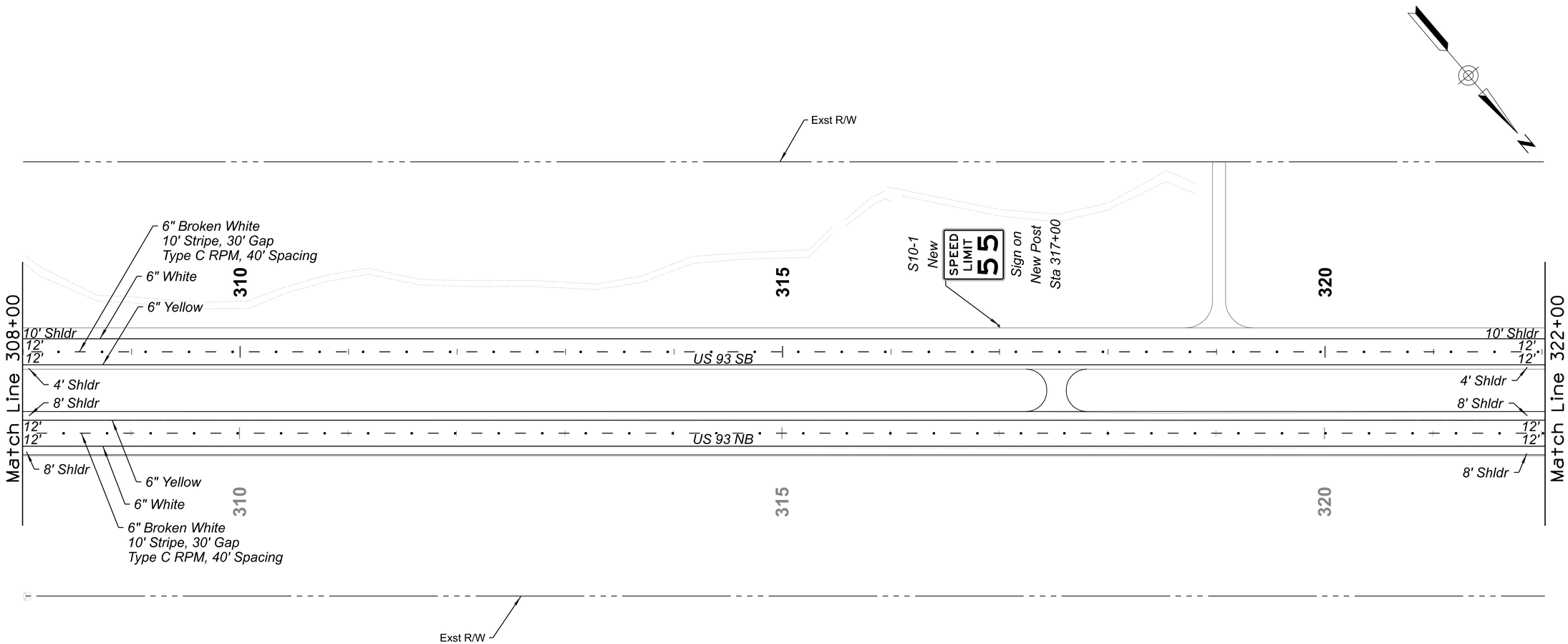
ROUTE: US 93
MILEPOST: 190.5
STRUCTURE NO.:

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 190	093-B-NFA	397	524	

LOCATION: VISTA ROYALE
TRACS NO. F0738 01C
DWG No. T-5.23
____ OF ____

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NOTES

1. *Install 12" width rumble strips on shoulders greater than 6' in width, and install 8" width rumble strips on shoulders less than 6' in width per ADOT Std. Dwg. M-22.*

Registered Professional Engineer — 64542 — CRAIG J. RICKETTS, JR. — Date Signed — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

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PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

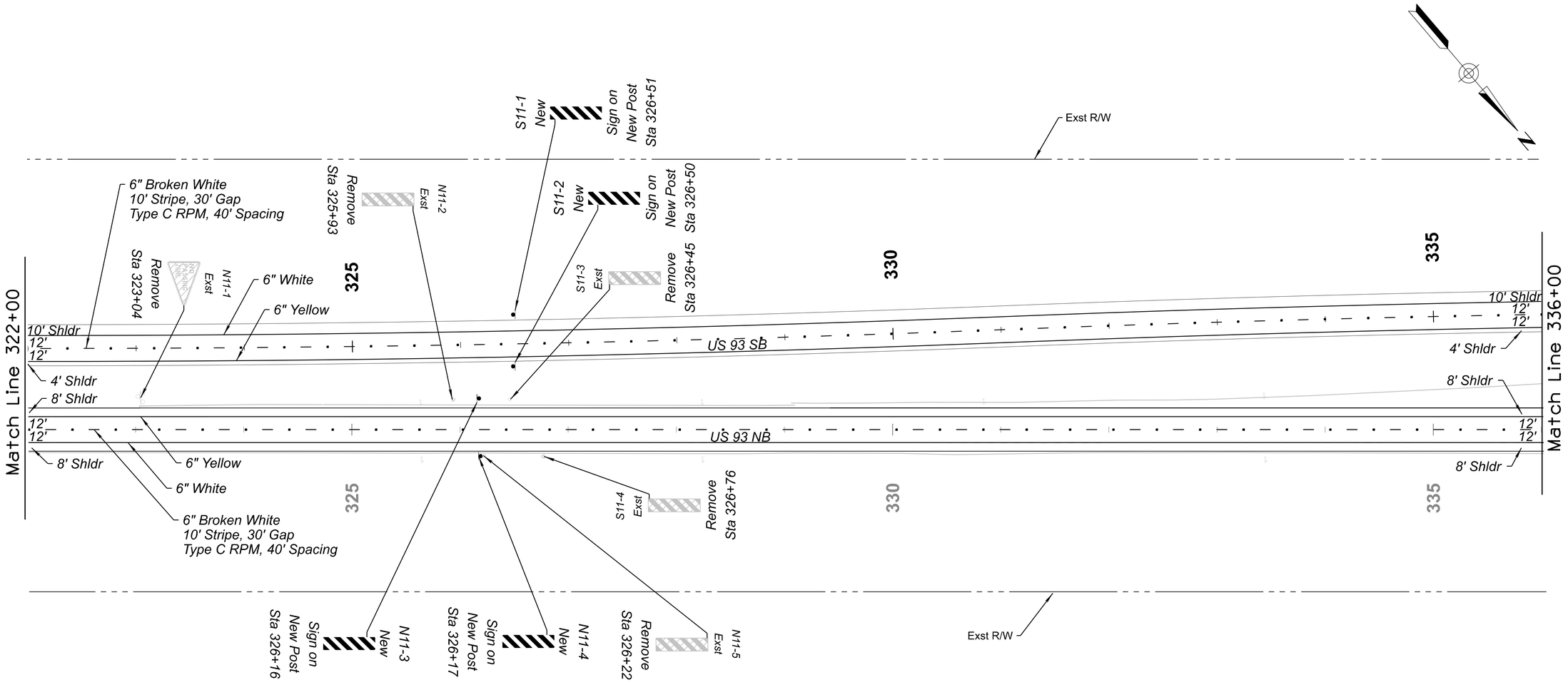
SIGNING AND PAVEMENT MARKING
SB US 93 STA 308+00 TO STA 322+00

ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 190	093-B-NFA	398	524	

LOCATION: VISTA ROYALE
DWG No. T-5.24
TRACS NO. F0738 01C
____ OF ____

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NOTES

1. *Install 12" width rumble strips on shoulders greater than 6' in width, and install 8" width rumble strips on shoulders less than 6' in width per ADOT Std. Dwg. M-22.*

Registered Professional Engineer — Certificate 76542 — CRAIG J. RICKETTS, JR. — Date Signed — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

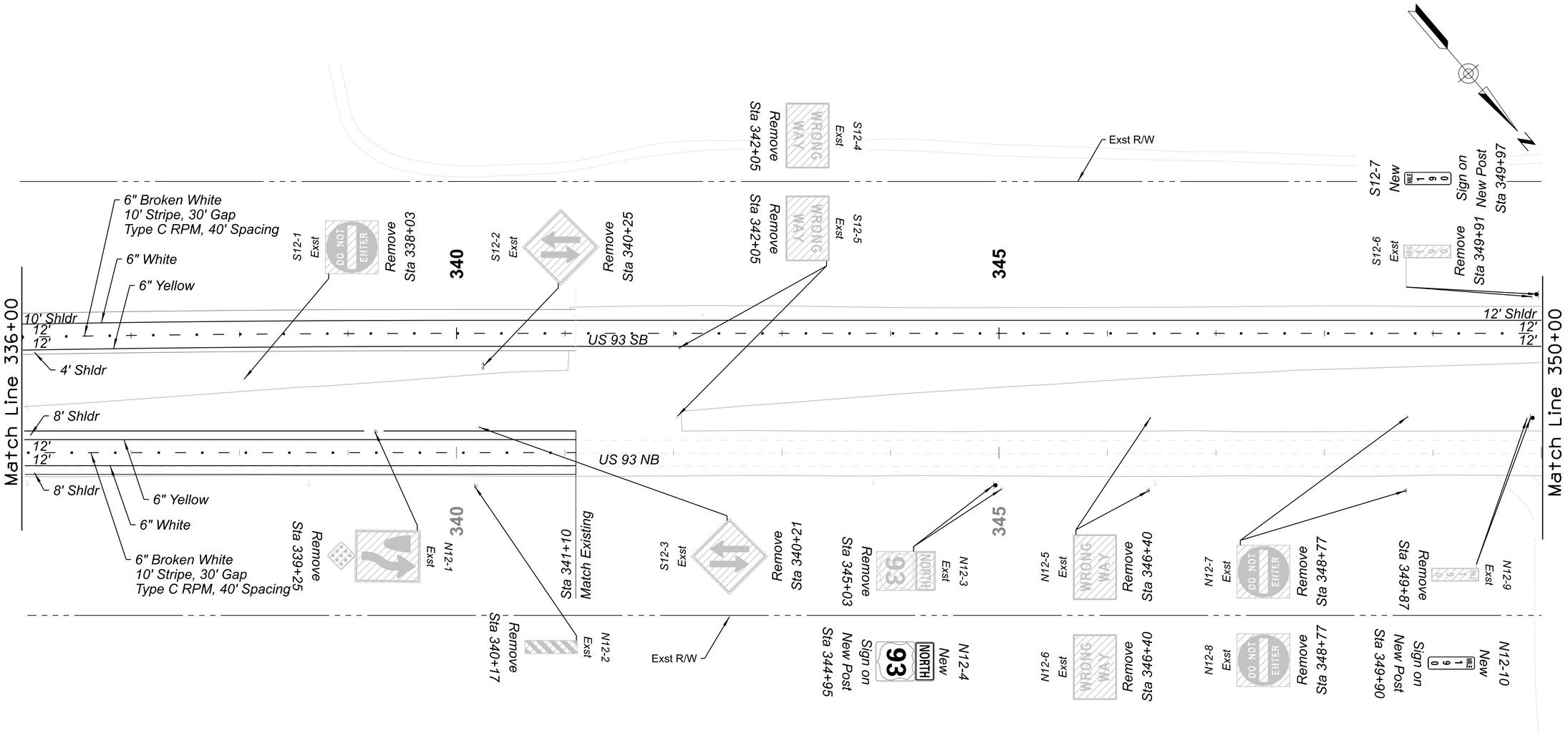
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ARIZONA DEPARTMENT OF TRANSPORTATION
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TRAFFIC DESIGN SERVICES

SIGNING AND PAVEMENT MARKING
SB US 93 STA 322+00 TO STA 336+00

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 190	093-B-NFA	399	524	
MILEPOST 190.5	LOCATION VISTA ROYALE					DWG No. T-5.25	
STRUCTURE NO.	TRACS NO. F0738 01C					____ OF ____	

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NOTES

1. *Install 12" width rumble strips on shoulders greater than 6' in width, and install 8" width rumble strips on shoulders less than 6' in width per ADOT Std. Dwg. M-22.*

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

Registered Professional Engineer — 64542 — CRAIG J. RICKETTS, JR. — Date Signed — ARIZONA, U.S.A.

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGNING AND PAVEMENT MARKING
SB US 93 STA 336+00 TO STA 350+00

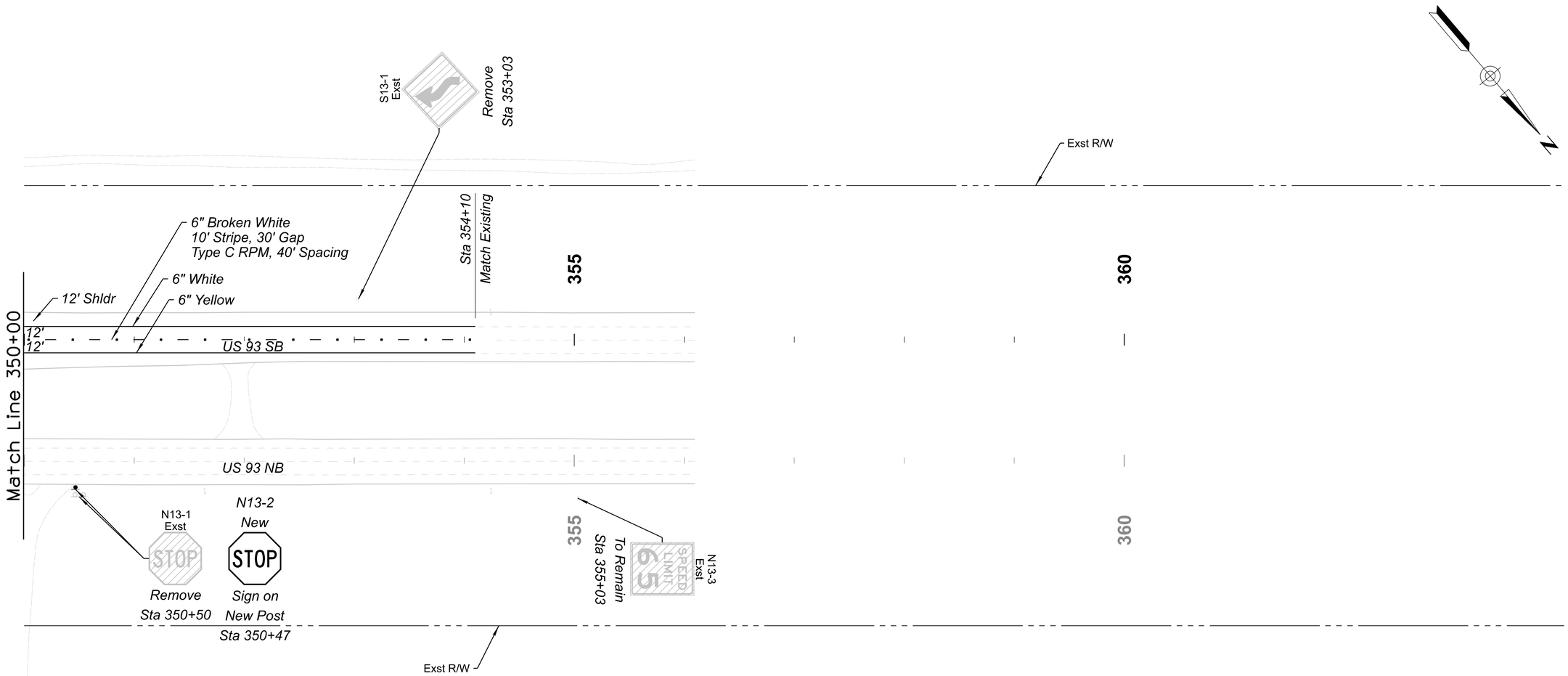
ROUTE: US 93
MILEPOST: 190.5
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 190	093-B-NFA	400	524	

LOCATION: VISTA ROYALE
TRACS NO. F0738 01C
DWG No. T-5.26
____ OF ____

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NOTES

1. *Install 12" width rumble strips on shoulders greater than 6' in width, and install 8" width rumble strips on shoulders less than 6' in width per ADOT Std. Dwg. M-22.*

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

Registered Professional Engineer — CERTIFICATE 56542 — CRAIG J. RICKETTS, JR. — Date Signed 06/30/26 — ARIZONA, U.S.A.

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SIGNING AND PAVEMENT MARKING
SB US 93 STA 350+00 TO STA 354+10

ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 190	093-B-NFA	401	524	

LOCATION VISTA ROYALE — DWG No. T-5.27

TRACS NO. F0738 01C — ____ OF ____

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	402	524	
		093 YV 189			

2145

2150

2155

US 93

N

For Roundabout
Signing and Pavement Marking
See Dwg No. T-5.10

S258.36
New
Sta 113+56

93 NORTH Kingman
93 SOUTH Wickenburg Phoenix

S258.35R
New
Sta 112+85

175

Paint Bullnose Yellow
Type D RPM's
Std Dwg M-1

6" Double Yellow

S258.39
New
Sta 115+39

Sta 112+85
Begin Lane
Taper

Sta 114+40
End Lane
Taper

Sta 115+39
Begin Lane
Taper

Sta 117+36
End Lane
Taper

S258.43B
New
DO NOT PASS
Sta 117+53

Varies
15'
SR 89
1'
15'
18'
13'
16'
20'
13'
12'
16'
12'
20'
Varies

MATCHLINE
STA 119+00

Sta 112+41
Begin Striping
Begin Outside
Shoulder Taper

Sta 114+16
End Outside
Shoulder Taper

Sta 115+39

6" White

Sta 117+36
Begin Lane Taper

Sta 118+16
End Lane Taper
Begin Shoulder Taper

S258.35L
New
WRONG WAY
Sta 112+89

6" Yellow

Sta 116+00

DO NOT ENTER
N258.41
New

115

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
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TRAFFIC DESIGN SERVICES

SR 89
SIGNING AND PAVEMENT MARKING
STA 105+00 TO STA 119+00

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-5.28
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

6/11/2026 ...\t0738A sg_pm_09.dgn NEW SIGNS-PM T-5.28

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	403	524	
		093 YV 189			

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

MATCHLINE STA 119+00

16'
12'
Varies

6" White

6" Double Yellow

S258.48 New — 20 MPH — Sta 119+85

S258.55B New — Sta 123+77

SR 89

14'
12'
8'
8'
12'
12'

Sta 125+97 End Shoulder Taper End Double Yellow Match Existing

Sta 127+19 Begin Striping Taper

Sta 127+19 Begin Shoulder Taper

Sta 127+84 6" White

S258.65B New — SPEED LIMIT 35 — Sta 128+89

Sta 129+19 End Striping End Lane Taper Match Existing Edge Line Striping

S258.76B New — SPEED LIMIT 35 — Sta 134+89

Sta 121+41 Relocated From N258.51 — 68 NORTH — N258.51 Existing

Sta 123+77 — N258.55 New

Sta 126+16 Relocated From N258.47 — OVER 40 FEET 37 MILES AHEAD ON SR 89 — N258.60 Existing

Sta 128+18 — N258.64 New

S258.64 New — Sta 128+23

Sta 128+93 — SPEED LIMIT 65 — N258.65B New

Sta 130+88 End Shoulder Taper Match Existing Edge Line and Center Line Striping

120

125

130

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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TRAFFIC DESIGN SERVICES

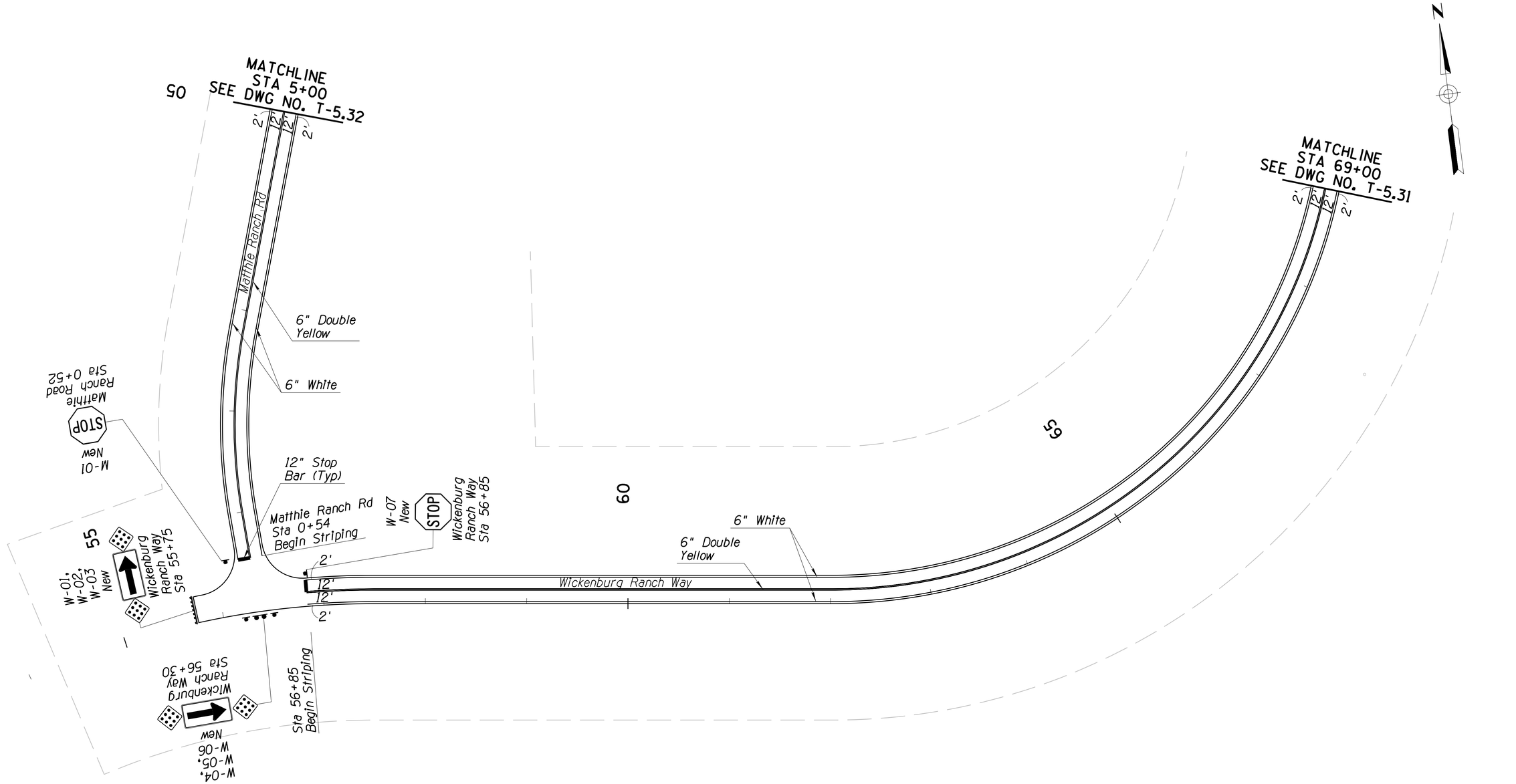
SR 89
SIGNING AND PAVEMENT MARKINGS
STA 119+00 TO STA 130+88

Registered Professional Engineer (Civil) — Certificate No. 51481 — BRIANNE MARIE TURPIN — Date Signed — ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-5.29
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A sg_pm_10.dgn NEW SIGNS-PM T-5.29

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	404	524	
		093 YV 189			



	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

WICKENBURG RANCH WAY SIGNING AND PAVEMENT MARKING STA 56+00 TO 69+00

Registered Professional Engineer Stamp
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

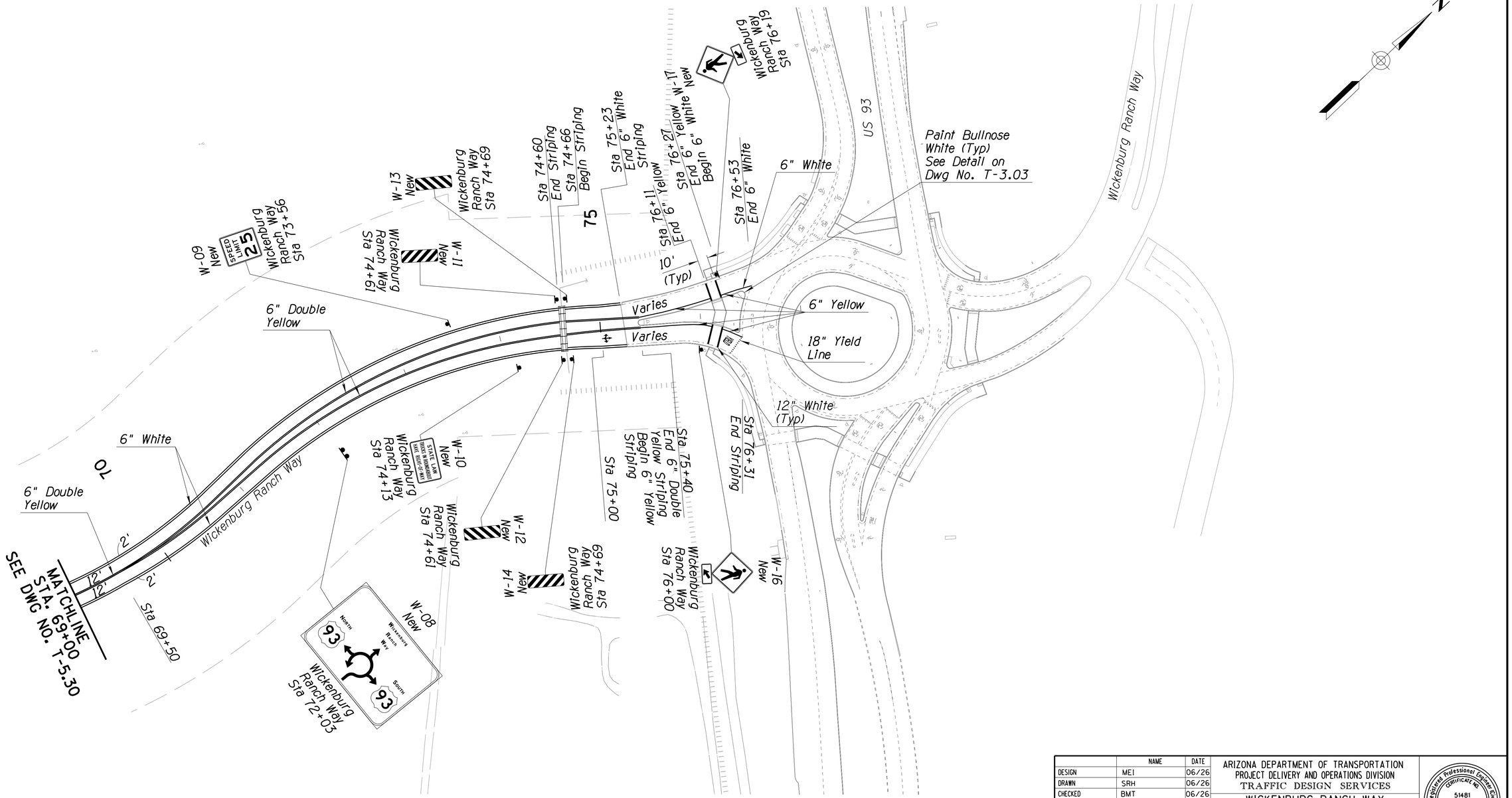
ROUTE	LOCATION		
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE		DWG NO. T-5.30
TRACS NO. F0738 01C		093-B(230)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

6/11/2026 ...\t0738A sg_pm_11 NEW SIGNS-PM T-5.30

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	405	524	
		093 YV 189			

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE



	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

WICKENBURG RANCH WAY
SIGNING AND PAVEMENT MARKING
BEGIN STA 69+00 TO STA 76+00

Registered Professional Engineer (Civil) CERTIFICATE NO. 51481 BRIANNE MARIE TURPIN ARIZONA, U.S.A.

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

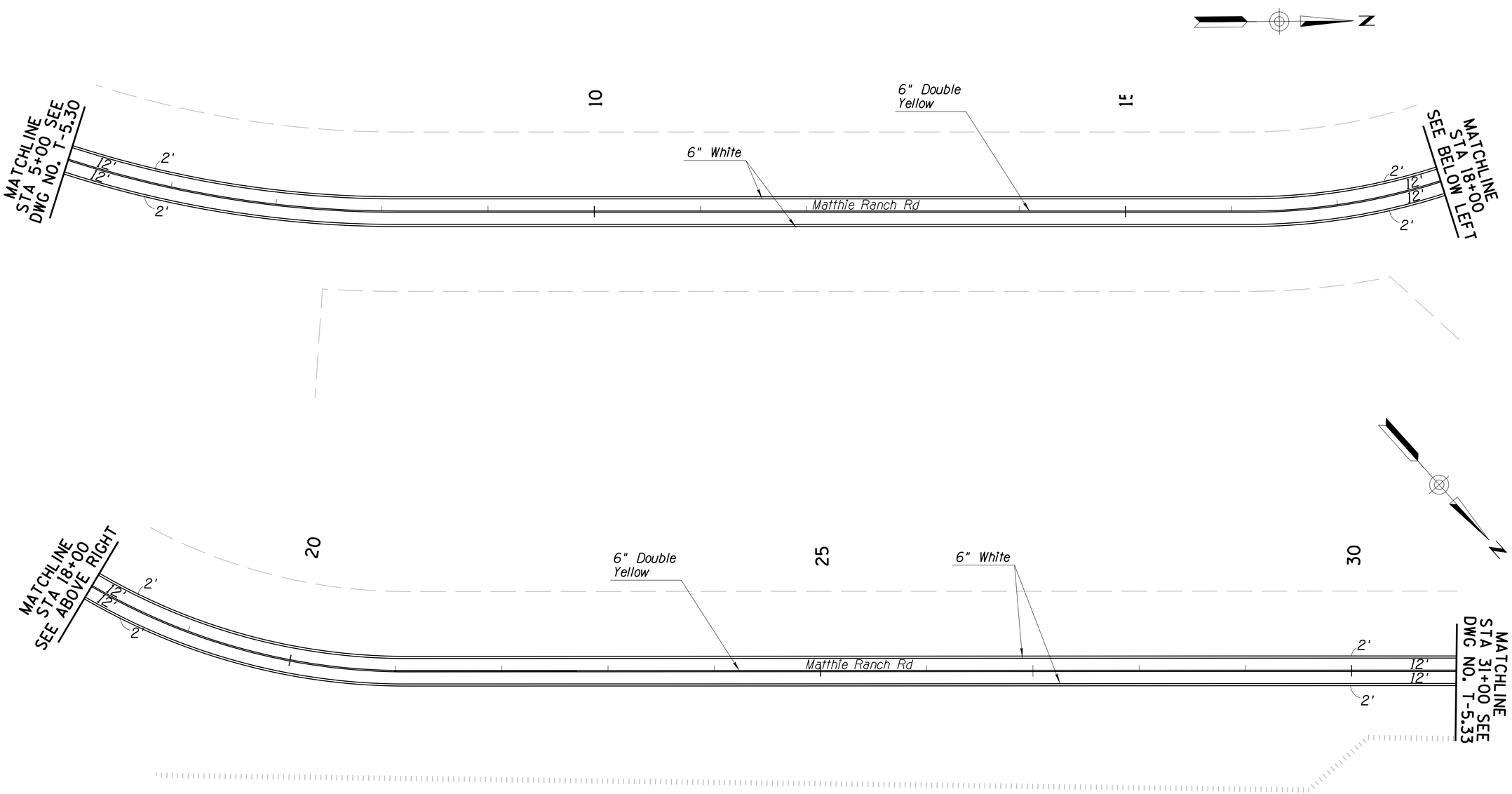
DWG NO. T-5.31

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

6/11/2026 ...\t0738A sg_pm_12 NEW SIGNS-PM T-5.31

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	406	524	
		093 YV 189			

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE



	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

MATTHIE RANCH ROAD SIGNING AND PAVEMENT MARKING STA 5+00 TO STA 31+00

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION		
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE		
TRACS NO. F0738 01C		093-B(230)T	

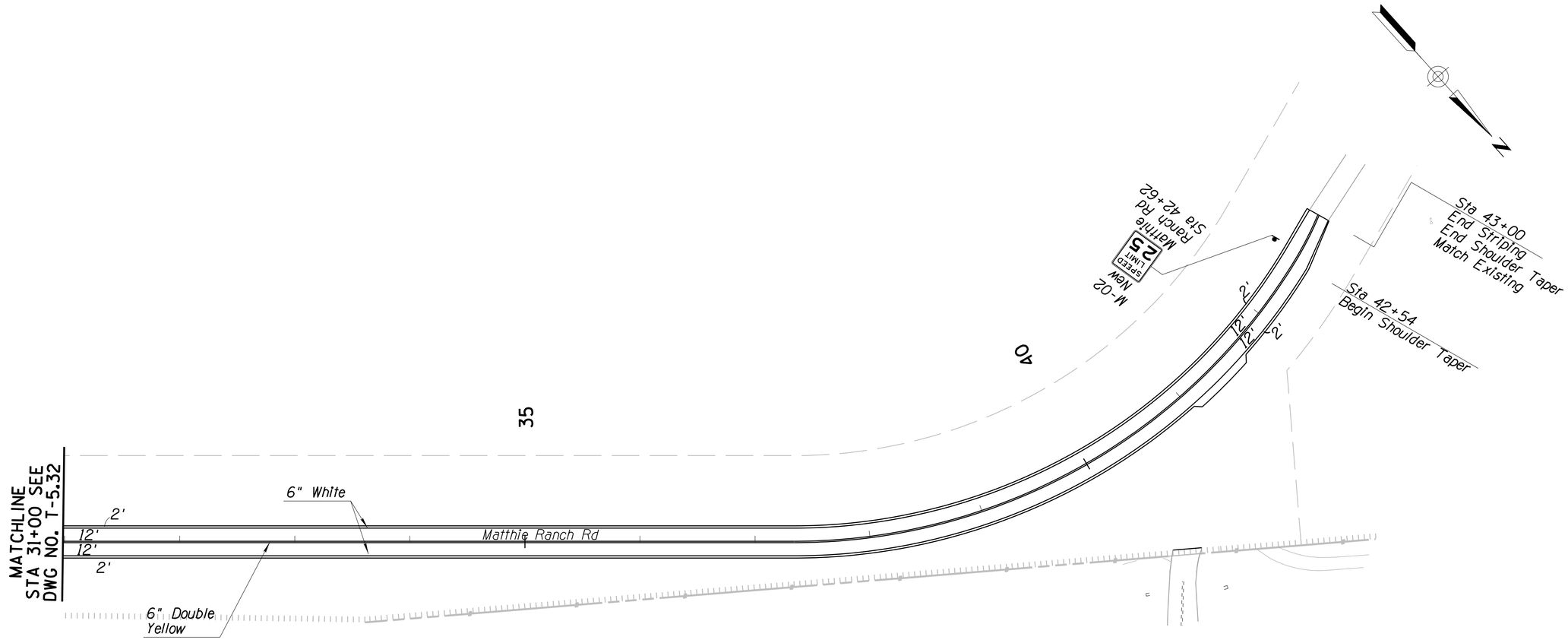
DWG NO. T-5.32

____ OF ____

6/11/2026 ...\t0738A sg_pm_13 NEW SIGNS-PM T-5.32

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	407	524	
		093 YV 189			

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE



	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

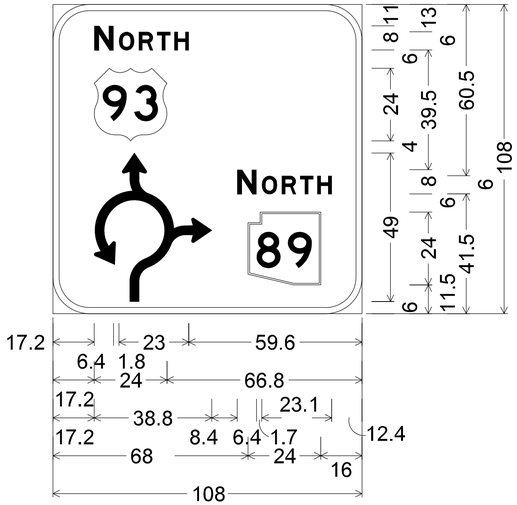
MATTHIE RANCH ROAD
SIGNING AND PAVEMENT MARKING
STA 31+00 TO EOP

Registered Professional Engineer Stamp
CERTIFICATE NO. 51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

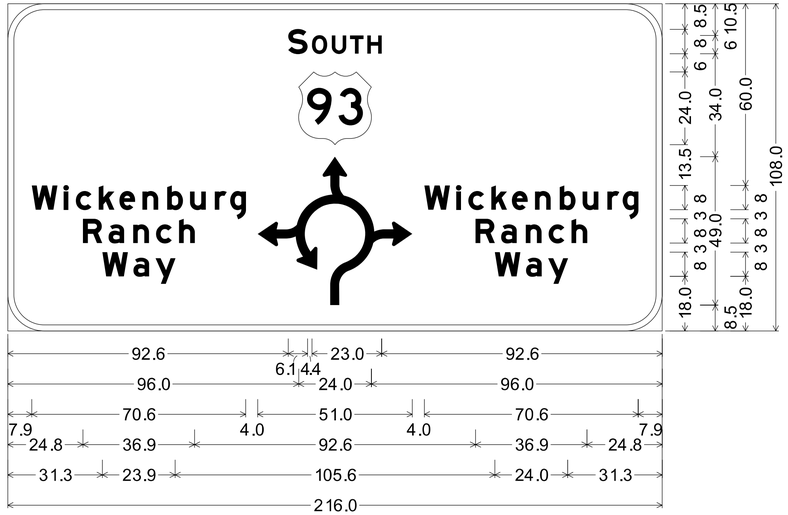
ROUTE	LOCATION	DWG NO. T-5.33
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A sg_pm_14 NEW SIGNS-PM T-5.33

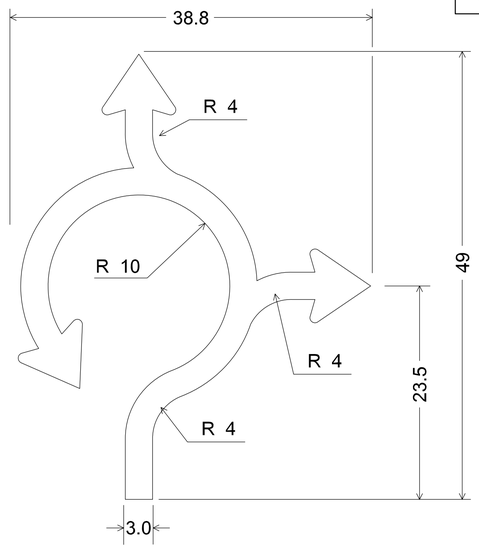
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	408	524	
		093 YV 189			



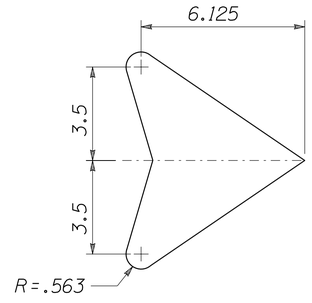
N193.54
12.0" Radius, 2.0" Border, White on Green;
[NORTH] E Mod;
Roundabout Graphic 1;
[NORTH] E Mod;
State Highway 89 M1-5c;



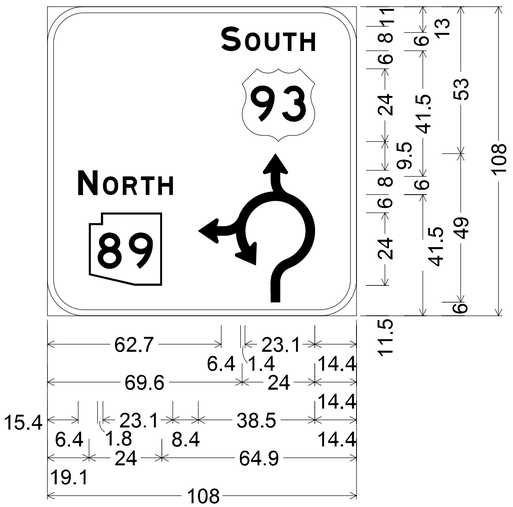
N194.47, S194.20
12.0" Radius, 2.0" Border, White on Green;
"SOUTH", E Mod; "Wickenburg", E Mod; "Ranch", E Mod; "Way", E Mod;
"Wickenburg", E Mod; "Ranch", E Mod; "Way", E Mod;



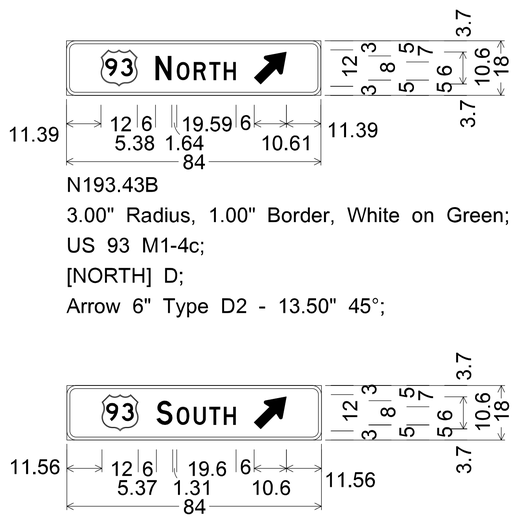
Roundabout Graphic 1
N193.54



Arrow Detail

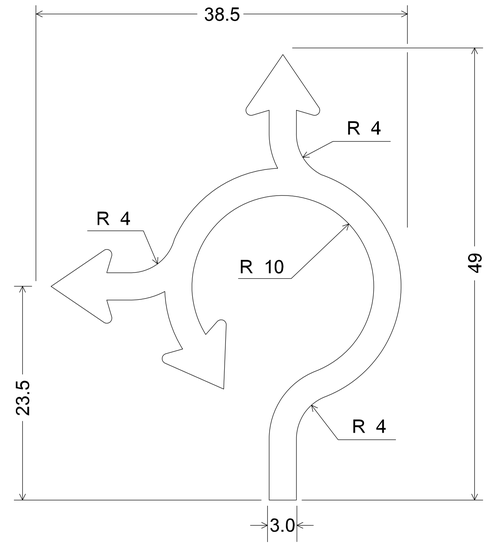


S193.32
12.0" Radius, 2.0" Border, White on Green;
[SOUTH] E Mod;
[NORTH] E Mod;
State Highway 89 M1-5c;
Roundabout Graphic 2;



N193.43B
3.00" Radius, 1.00" Border, White on Green;
US 93 M1-4c;
[NORTH] D;
Arrow 6" Type D2 - 13.50" 45°;

S193.47
3.00" Radius, 1.00" Border, White on Green;
US 93 M1-4c;
[SOUTH] D;
Arrow 6" Type D2 - 13.50" 45°;



Roundabout Graphic 2
S193.32

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
5133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

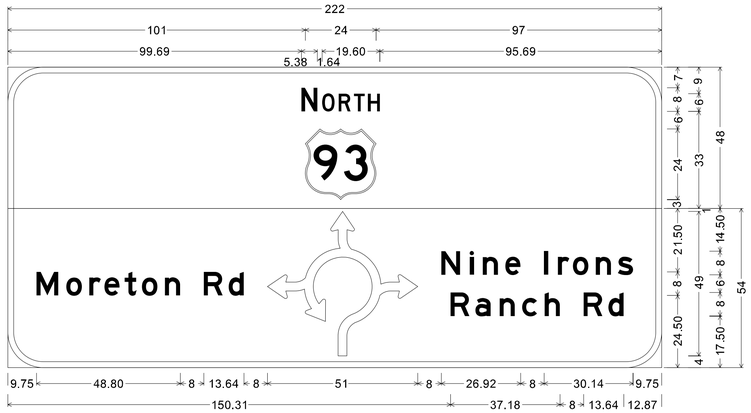
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
SIGN FORMATS

Registered Professional Engineer (General)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

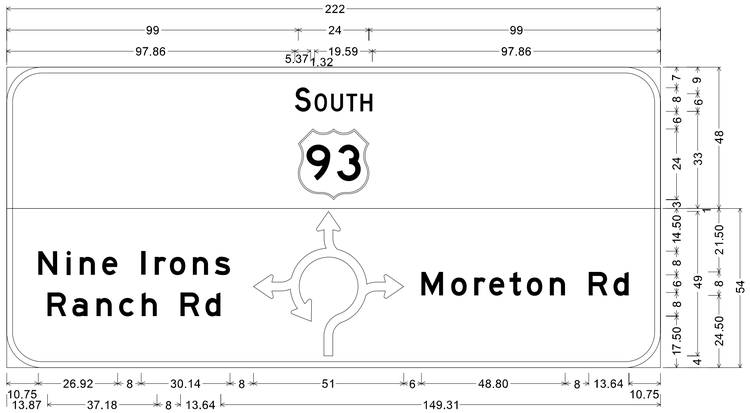
ROUTE	LOCATION	DWG NO. T-6.01
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE



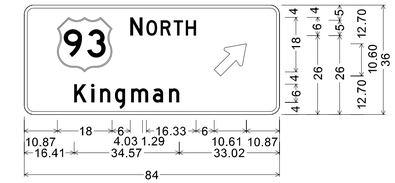
12.00" Radius, 2.00" Border, White on Green;
"NORTH", D; US 93 M1-4c;

12.00" Radius, 2.00" Border, White on Green;
"Moreton Rd", E; "Nine Irons", E; "Ranch Rd", E;

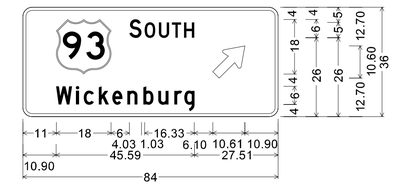


12.00" Radius, 2.00" Border, White on Green;
"SOUTH", D; US 93 M1-4c;

12.00" Radius, 2.00" Border, White on Green;
"Nine Irons", E; "Ranch Rd", E; "Moreton Rd", E;



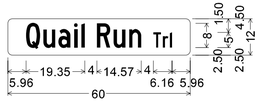
3.00" Radius, 1.00" Border, White on Green;
US 93 M1-4c; "NORTH", D;
"Kingman", D; Arrow 6" Type D2 - 45^;



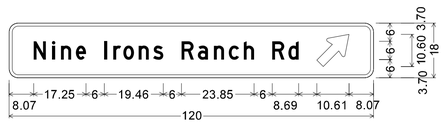
3.00" Radius, 1.00" Border, White on Green;
US 93 M1-4c; "SOUTH", D;
"Wickenburg", D;
Arrow 6" Type D2 - 45^;



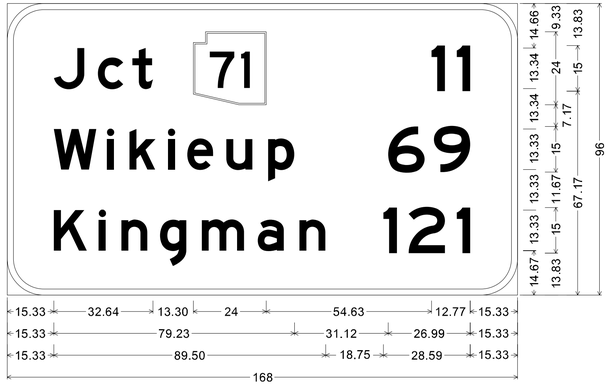
3.00" Radius, 1.00" Border, White on Green;
"Caballero Dr", D;



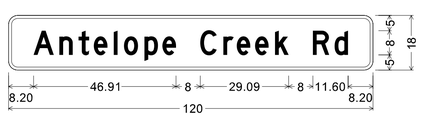
1.50" Radius, No border, White on Brown;
"Quail Run", C 50% spacing;
"Trl", C 50% spacing;



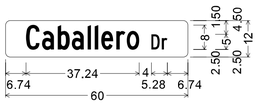
3.00" Radius, 1.00" Border, White on Green;
"Nine Irons Ranch Rd", D; Arrow 6" Type D2 - 45^;



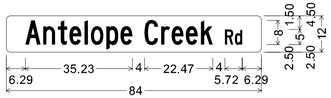
12.00" Radius, 2.00" Border, White on Green;
"Jct", E; State Highway 71 M1-5c; "11", E; "Wikieup", E; "69", E; "Kingman", E;
"121", E;



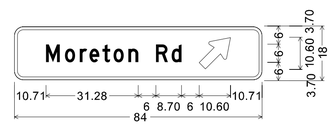
3.00" Radius, 1.00" Border, White on Green;
"Antelope Creek Rd", D;



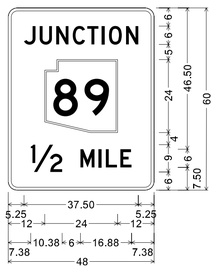
1.50" Radius, No border, White on Green;
"Caballero", C 50% spacing;
"Dr", C 50% spacing;



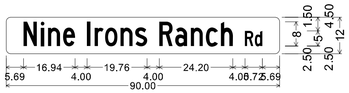
1.50" Radius, No border, White on Green;
"Antelope Creek", C 50% spacing;
"Rd", C 50% spacing;



3.00" Radius, 1.00" Border, White on Green;
"Moreton Rd", D;
Arrow 6" Type D2 - 13.50" 45^;



3.00" Radius, 1.00" Border, White on Green;
"JUNCTION", D;
State Highway 89 M1-5c;
"½", D; "MILE", D;



1.50" Radius, No border, White on Green;
"Nine Irons Ranch", C 50% spacing;
"Rd", C 50% spacing;

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

Registered Professional Engineer CERTIFICATE 42542 CRAIG J. RICKETTS, JR. Date Signed 06/30/2026 ARIZONA, U.S.A.

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th Street, Suite 100
Phoenix, Arizona 85020
T 602.371.1100

AECOM
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SIGN FORMATS

ROUTE US 93
MILEPOST 190.5
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 190	093-B-NFA	409	524	

LOCATION VISTA ROYALE

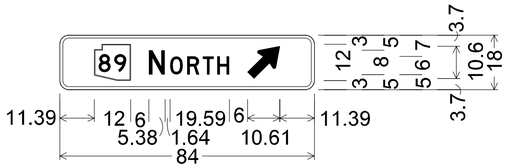
TRACS NO. F0738 01C

DWG No. T-6.02

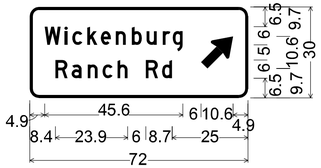
____ OF ____

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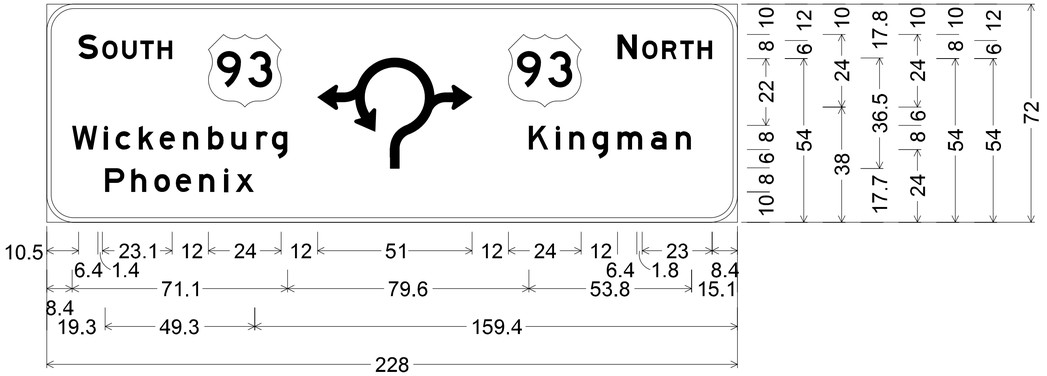
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	410	524	
		093 YV 189			



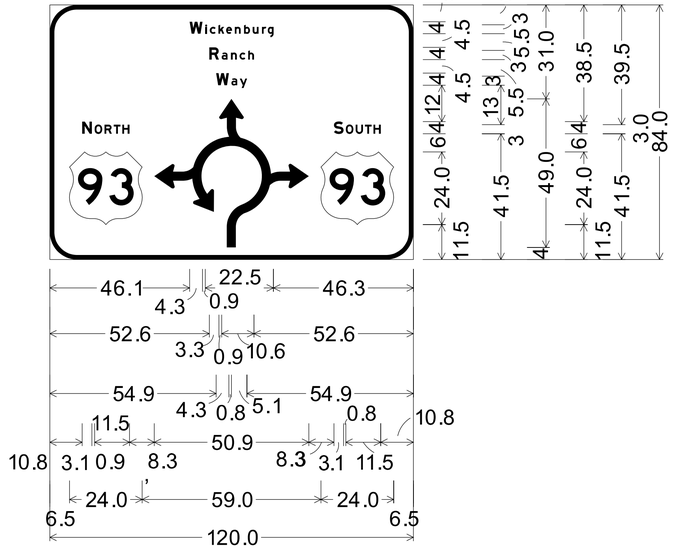
N193.46
3.00" Radius, 1.00" Border, White on Green;
State Highway 89 M1-5c;
[NORTH] D;
Arrow 6" Type D2 - 13.50" 45°;



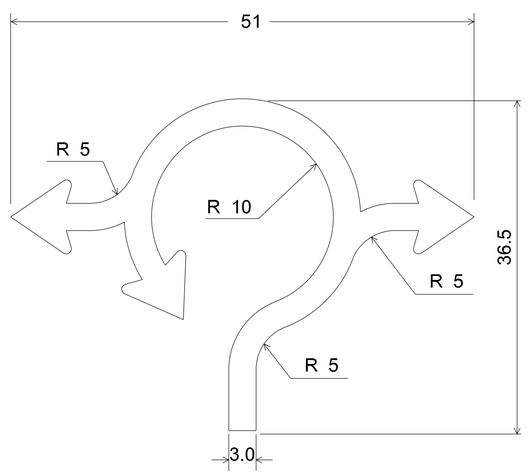
W-20B
D1-1a (conventional road - 2 line);
3.0" Radius, 1.0" Border, White on, Green;
"Wickenburg", D; "Ranch Rd", D;
Arrow 6" Type D2 - 13.5" 45';



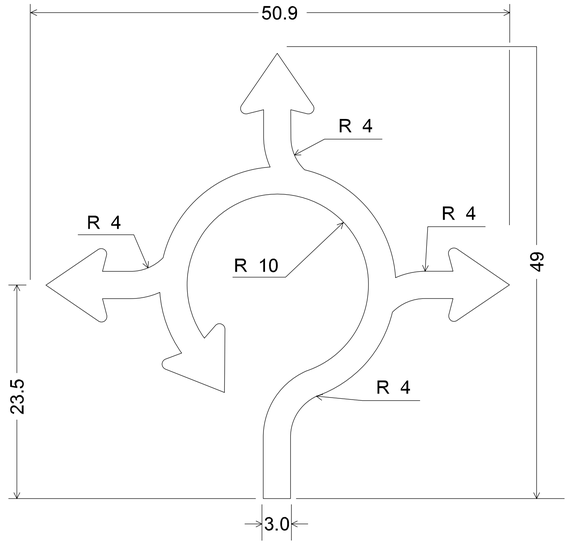
S258.36
9.0" Radius, 1.5" Border, White on Green;
[SOUTH] E Mod; [Wickenburg] E; [Phoenix] E;
Roundabout Graphic 3; [NORTH] E Mod; [Kingman] E;



W-08
9.0" Radius, 1.5" Border, White on Green;
"Wickenburg", E Mod;
"Ranch", E Mod; "Way", E Mod;
"NORTH" E Mod;
"SOUTH", E Mod;



ROUNDABOUT GRAPHIC 3
S258.36



Roundabout Graphic 4
N194.47, S194.20, W-08

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

SR 89
CROSSROADS
SIGN FORMATS

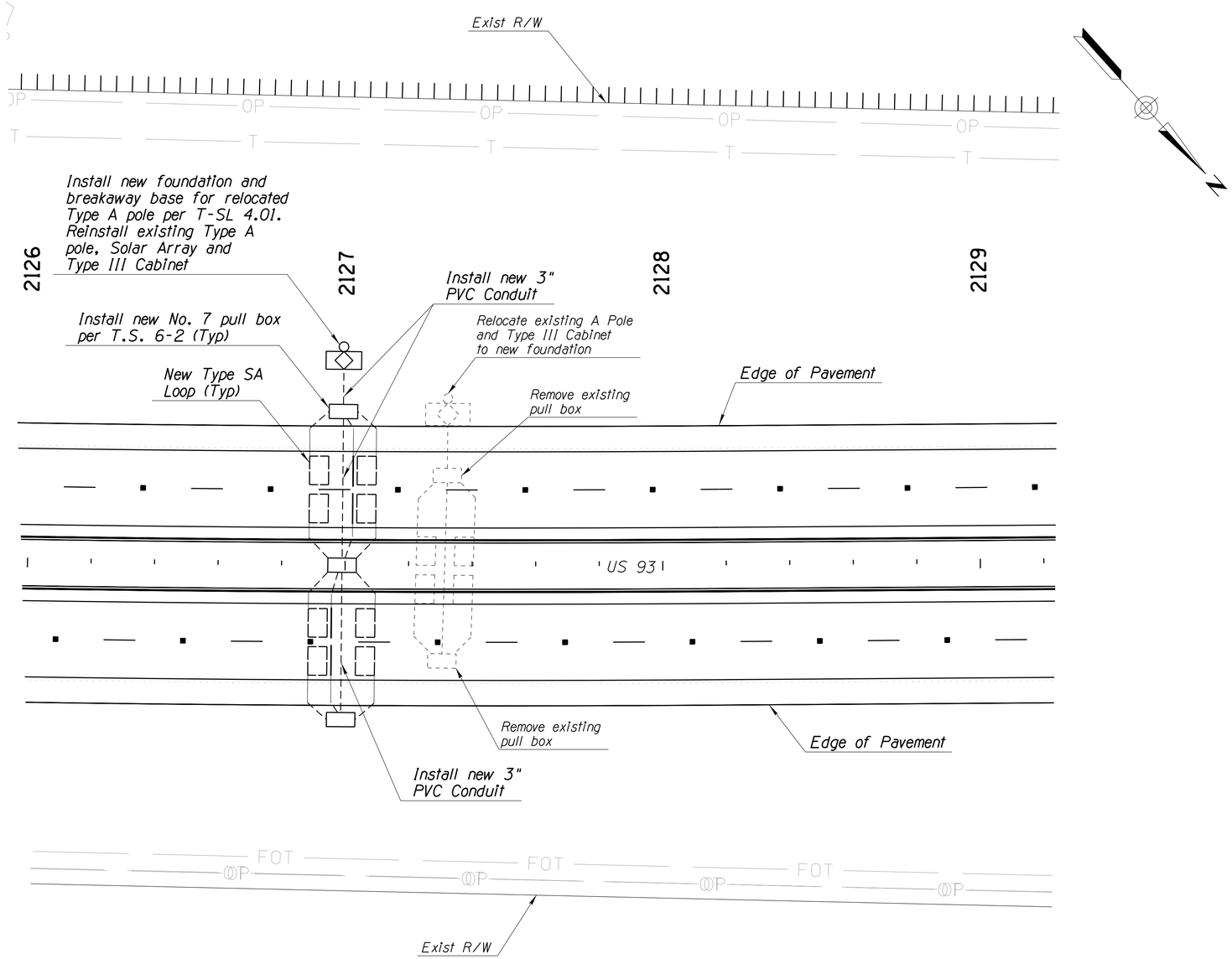
Registered Professional Engineer Stamp
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-6.03
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	OF

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	411	524	
		093 YV 189			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



CONSTRUCTION NOTES:

1. *Relocate existing Type A pole, with pole mounted Type III Cabinet and Solar Array to new Type A pole foundation and breakaway base. See Special Provisions Item 7350040 for materials and construction requirements.*

2. *Remove existing No. 7 Pull Boxes and Type A pole foundation. The contractor shall backfill and compact all voids in accordance with Subsection 202-3.01 of the specifications.*

3. *Contractor shall install new Type SA Speed/Vehicle Classification system per T.S. 6-2 and the specifications.*

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
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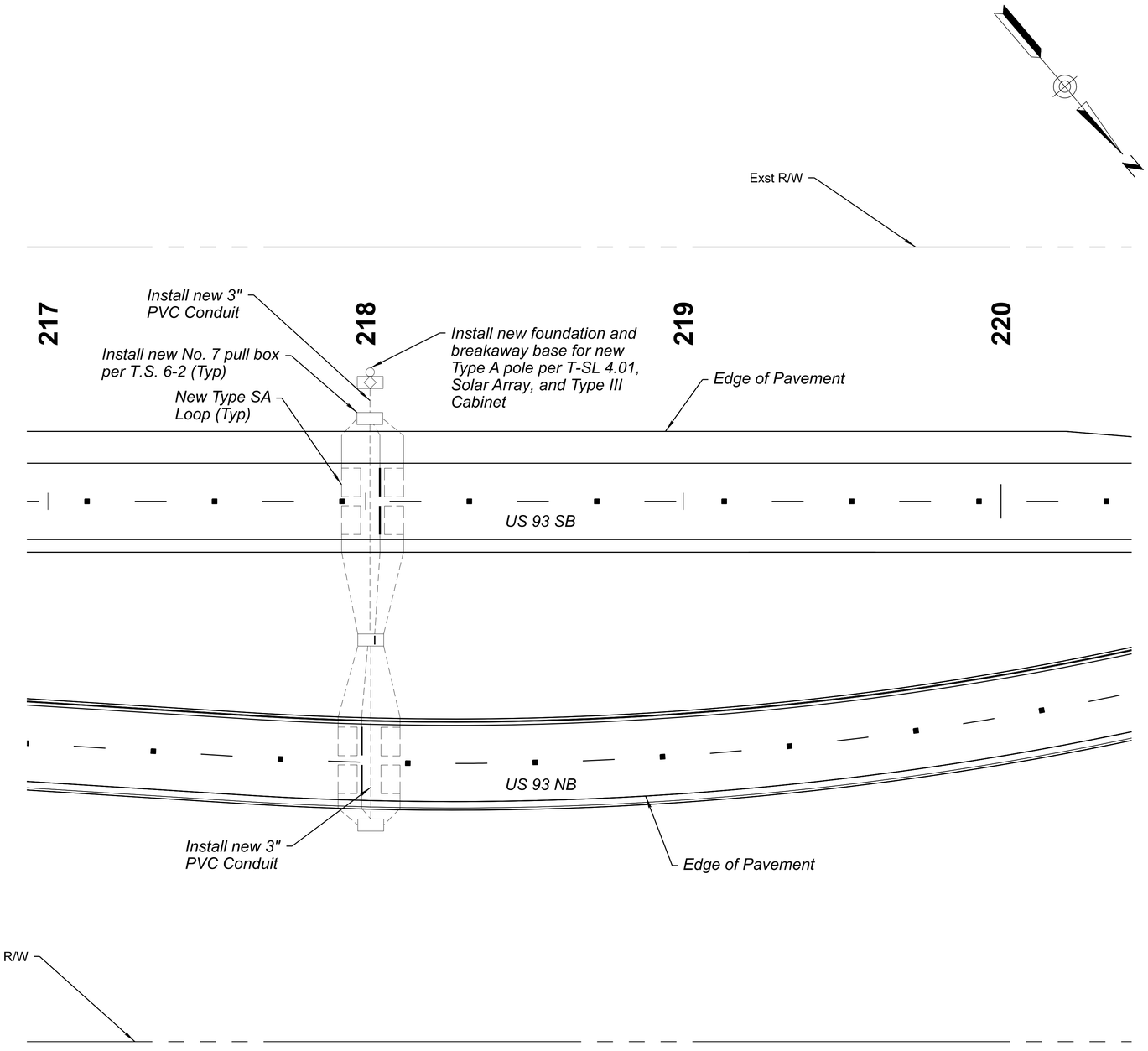
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
RELOCATE TYPE SA SPEED/VEHICLE CLASSIFICATION SYSTEM

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-7.01
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

6/11/2026 ...\t0738A_tr_01.dgn T-7.01



CONSTRUCTION NOTE:

1. *The contractor shall install new Type SA Speed/Vehicle Classification system per T.S. 6-2 and the Project Specifications.*

2. *New solar array shall be included in the cost of the Type SA Speed/Vehicle Classification System.*

	NAME	DATE
DESIGN	I ROBLES	06/26
DRAWN	C VALENCIA	06/26
CHECKED	C RICKETTS	06/26

TRANSPORTATION
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Registered Professional Engineer — CERTIFICATE — 64542 — CRAIG J. RICKETTS, JR. — Date Signed — ARIZONA, U.S.A.

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93
NEW TYPE SA SPEED/
VEHICLE CLASSIFICATION SYSTEM

ROUTE	MILEPOST	STRUCTURE NO.
US 93	190.5	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 190	093-B-NFA	412	524	

LOCATION: VISTA ROYALE
DWG No. T-7.02
TRACS NO. F0738 01C
____ OF ____

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	413	524	
		093 YV 189			

ROADWAY LIGHTING GENERAL NOTES:

1. *For installation procedures, see ADOT's Traffic Signal and Lighting Standard Drawings and the Standard Specifications.*
2. *The location of utilities shown on the plans are approximate. All involved utilities may not be shown on the plans. The contractor shall be responsible per Sections 107.15 & 730-6 of the Standard Specifications, for contacting all utilities for the exact location prior to any construction activity. The contractor is responsible for maintaining proper clearances as required by the utility company.*
3. *All lighting units shall be installed with the mast arm perpendicular to the lane or ramp on which they are located.*
4. *For electrical service requirements, contact Ben Gowers APS Representative at 602-809-3611 per Section 107 of the Special Provisions.*
5. *All light poles and foundations shall be in accordance with ADOT Standard Drawings. Luminaires shall be in accordance with the ADOT Approved Products List (APL).*
6. *Pole offsets shall be measured from the construction centerline indicated to the center line of pole as indicated on the pole schedule. Refer to lighting plan sheets for additional information.*
7. *Conduit runs are diagrammatic. Exact location of conduit runs and pull boxes shall be determined by the Engineer when a field question arises.*
8. *All conduits shall be installed per Section 732-3.01 of the Standard Specifications.*
9. *The contractor is responsible for contacting "AZ 811" for verification of underground utility locations.*
10. *All new pole foundations shall be inspected by ADOT Superintendent Trevor Eltringham at (928) 308-3361 prior to placement of concrete.*
11. *All horizontal mount luminaires shall be marked with their lamp wattage "LED". These markings shall be placed on the luminaire housing and shall be clearly visible from the ground.*
12. *The contractor shall field verify all pole locations with the Engineer prior to any construction activity.*
13. *Each pole mounted luminaire shall be individually fused with in-line connectors in the nearest adjacent pull box.*
14. *The metered load center cabinet and foundation shall be installed per ADOT Standard Drawings. The contractor shall coordinate final placement and surrounding grading requirements at the metered load center cabinet with the Engineer.*
15. *The contractor shall install the service conduit from the meter pedestal cabinet to the point of electrical service in accordance with APS requirements. The service conduit shall be inspected by APS prior to backfilling the trench.*
16. *All lighting pull boxes shall be heavy duty with locking lids in accordance with ADOT Standard Drawing No. T.S. 1-12 and shall be gray color only.*

APPROXIMATE LIGHTING QUANTITIES			
BID ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY
7310092	Pole (Type H) (Aluminum, Breakaway Base)	Each	43
7310201	Breakaway Base for Lighting Poles (Over 30')	Each	43
7310276	Pole Foundation (Type H) (Breakaway)	Each	43
7310650	Mast Arm (10') (Aluminum)	Each	43
7320040	Electrical Conduit (1 1/2") (PVC)	L. FT	120
7320050	Electrical Conduit (2") (PVC)	L. FT	7430
7320060	Electrical Conduit (2 1/2") (PVC)	L. FT	120
7320456	Pull Box (No. 4B) (ADOT Std. Dtl. T.S. 1-12)	Each	46
7320459	Pull Box (No. 6B) (ADOT Std. Dtl. T.S. 1-12)	Each	3
7320500	Conductor (No. 12)	L. FT	6470
7320510	Conductor (No. 10)	L. FT	2500
7320520	Conductor (No. 8)	L. FT	12830
7320530	Conductor (No. 6)	L. FT	3700
7320570	Conductor (No. 1)	L. FT	102
7320581	Conductor (Bare Bond) (No. 6)	L. FT	40
7320586	Conductor (Bare Bond) (No. 8)	L. FT	7280
7360105	Luminaire (Horizontal Mount) (25L) (LED)	Each	18
7360112	Luminaire (Horizontal Mount) (15L) (LED)	Each	25
7360235	Load Center Cabinet (Type II) (120/240V Metered)	Each	2
7360240	Load Center Cabinet Foundation	Each	2
7370452	Miscellaneous Electrical (Electrical Record Drawings)	L. Sum	1
9240020	Force Account Work (Electrical Service)	L. Sum	1

LIGHTING DESIGN CRITERIA:

* *Minimum average maintained horizontal illuminance 0.8fc*
* *Average to minimum uniformity ratio 6:1*

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

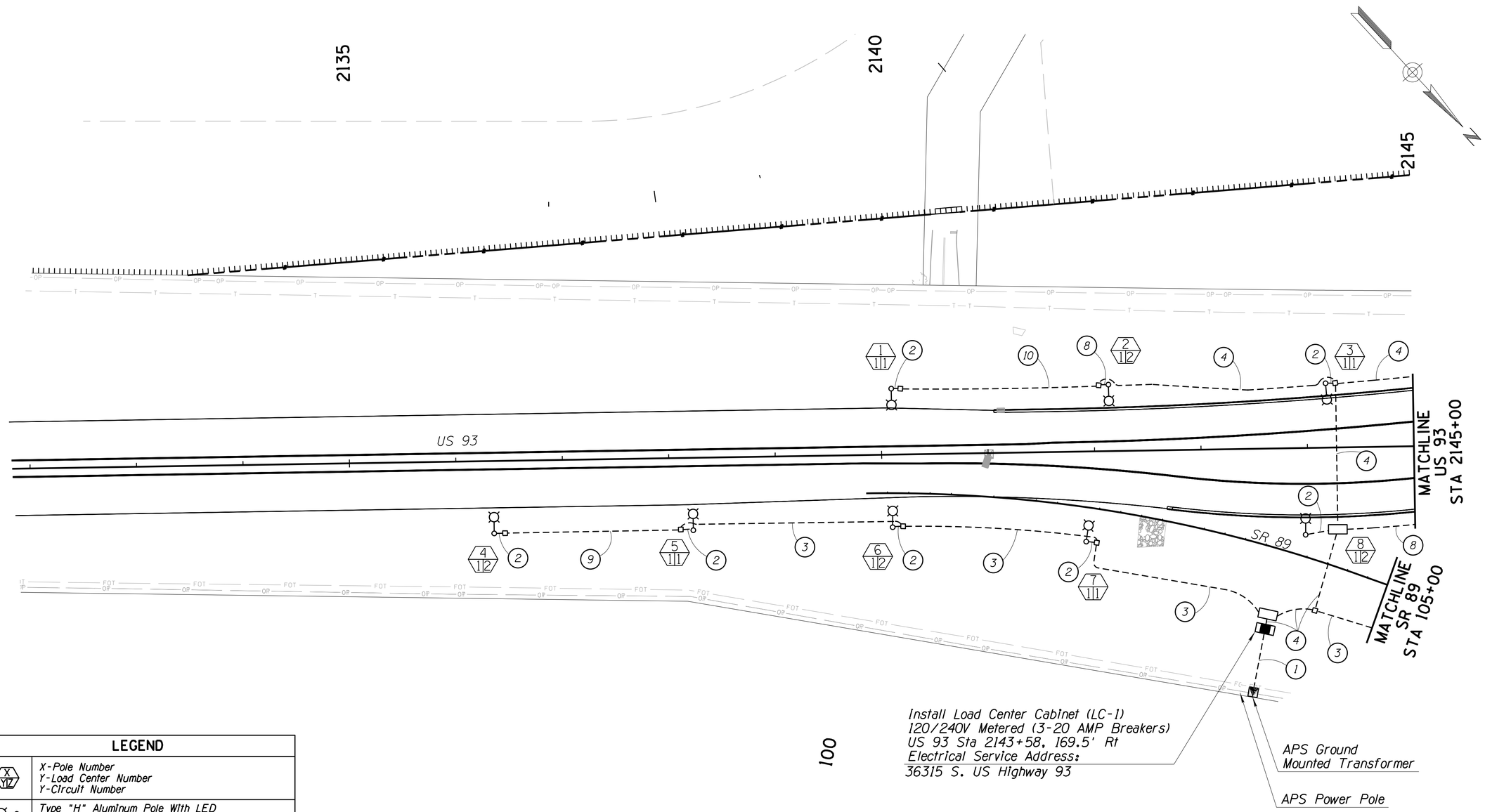
US 93 & SR 89
LIGHTING GENERAL
NOTES AND LEGEND

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE
TURPIN
Date signed: 6-5-26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-8.01
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	414	524	
		093 YV 189			



LEGEND	
X / Y / Z	X-Pole Number Y-Load Center Number Y-Circuit Number
	Type "H" Aluminum Pole With LED Fixture (See Pole And Luminaire Schedule)
	Metered Load Center Cabinet and Foundation
	No. 4b Pull Box, See Note 16 Above
	No. 6b Pull Box, See Note 16 Above
	New Conduit
X	X-New Conduit Run Number with New Conductors

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
LIGHTING PLAN
BEGIN PROJECT TO STA 2145+00

Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
Date Signed
ARIZONA, U.S.A.

ROUTE	LOCATION	
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	DWG NO. T-8.02
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	415	524	
		093 YV 189			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

2145 2150 2155

MATCHLINE US 93 STA 2145+00

MATCHLINE SR 89 STA 105+00

US 93

US 93

SR 89

105 110 115

9/12 10/111 11/12 12/111 13/12 14/111 15/12 16/111 17/12 18/111 19/111 20/12 21/111 22/12 23/12 24/111 25/111

LEGEND

X/YZ	X-Pole Number Y-Load Center Number Y-Circuit Number
	Type "H" Aluminum Pole With LED Fixture (See Pole And Luminaire Schedule)
	Metered Load Center Cabinet and Foundation
	No. 4b Pull Box, See Note 16 Above
	No. 6b Pull Box, See Note 16 Above
---	New Conduit
(X)	X-New Conduit Run Number with New Conductors

NOTE:

Verify location of utilities prior to conduit and light pole installation.

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
LIGHTING PLAN
STA 2145+00 TO END PROJECT

Registered Professional Engineer Certificate No. 51481 BRIANNE MARIE TURPIN Date Signed 6/30/26 ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-8.03
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

6/11/2026 ...\a0738A 1t03.dgn LT PLAN T-8.03

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	416	524	
		093 YV 189			

ROADWAY LIGHTING POLE AND LUMINAIRE SCHEDULE
US 93 & SR 89

POLE NO.	CENTERLINE	STATION	OFFSET	CIRCUIT	POLE		FOUNDATION		LUMINAIRE		REMARKS	MAINTENANCE UNIT NO.
					TYPE	MAST ARM LENGTH	TYPE	BASE	ADOT TYPE	NO		
1	US 93 Cst ℄	2140+10	62' Lt	1	H - 40'	10'	B/A	B/A-3	15L	1		
2	US 93 Cst ℄	2142+14	62.5' Lt	2	H - 40'	10'	B/A	B/A-3	15L	1		
3	US 93 Cst ℄	2144+18	60.5' Lt	1	H - 40'	10'	B/A	B/A-3	15L	1		
4	US 93 Cst ℄	2136+35	68' Rt	2	H - 40'	10'	B/A	B/A-3	15L	1		
5	US 93 Cst ℄	2138+22	68' Rt	1	H - 40'	10'	B/A	B/A-3	15L	1		
6	SR 89 Cst ℄	100+25	32' Rt	2	H - 40'	10'	B/A	B/A-3	15L	1		
7	SR 89 Cst ℄	102+12	32' Rt	1	H - 40'	10'	B/A	B/A-3	15L	1		
8	US 93 Cst ℄	2143+97	82' Rt	2	H - 40'	10'	B/A	B/A-3	15L	1		
9	US 93 Cst ℄	2146+22	79' Lt	2	H - 40'	10'	B/A	B/A-3	15L	1		
10	US 93 Cst ℄	2148+26	110' Lt	1	H - 40'	10'	B/A	B/A-3	15L	1		
11	US 93 Cst ℄	2149+76	124' Lt	2	H - 40'	10'	B/A	B/A-3	15L	1	Verify utility location	
12	US 93 Cst ℄	2150+83	57' Lt	1	H - 40'	10'	B/A	B/A-3	15L	1		
13	US 93 Cst ℄	2152+32	80.5' Lt	2	H - 40'	10'	B/A	B/A-3	15L	1		
14	US 93 Cst ℄	2154+04	119.5' Lt	1	H - 40'	10'	B/A	B/A-3	15L	1		
15	US 93 Cst ℄	2155+76	129' Lt	2	H - 40'	10'	B/A	B/A-3	15L	1	Verify utility location	
16	US 93 Cst ℄	2146+05	59' Rt	1	H - 40'	10'	B/A	B/A-3	15L	1	Verify utility location	
17	US 93 Cst ℄	2147+74	39.5' Rt	2	H - 40'	10'	B/A	B/A-3	15L	1		
18	US 93 Cst ℄	2148+60	141' Rt	1	H - 40'	10'	B/A	B/A-3	15L	1		
19	US 93 Cst ℄	2150+82	79' Rt	1	H - 40'	10'	B/A	B/A-3	15L	1		
20	US 93 Cst ℄	2150+42	149' Rt	2	H - 40'	10'	B/A	B/A-3	15L	1		
21	SR 89 Cst ℄	112+00	74.5' Lt	1	H - 40'	10'	B/A	B/A-3	15L	1		
22	SR 89 Cst ℄	114+55	53.5' Lt	2	H - 40'	10'	B/A	B/A-3	15L	1	Verify utility location	
23	SR 89 Cst ℄	111+47	32' Rt	2	H - 40'	10'	B/A	B/A-3	15L	1		
24	SR 89 Cst ℄	113+34	32' Rt	1	H - 40'	10'	B/A	B/A-3	15L	1		
25	SR 89 Cst ℄	116+50	52' Lt	1	H - 40'	10'	B/A	B/A-3	15L	1	Verify utility location	

POLE AND LUMINAIRE SCHEDULE NOTES:

1. Offset is referenced from the construction centerline in Pole Schedule to the center of the pole.
2. The contractor shall obtain maintenance unit numbers as described in Specifications Item 7370452 Miscellaneous Electrical (Electrical Record Drawings).
3. Contractor shall obtain approval from electrical inspector prior to digging pole foundations. Contractor shall inform electrical inspector of any potential conflicts prior to digging pole foundations.
4. All streetlight poles are to be installed a minimum of 12 feet behind the face of curb or as shown on the roadway lighting and pole luminaire schedule. Luminaire arms shall be oriented perpendicular to adjacent curb unless noted otherwise.
5. Except where behind guard rail, all poles are to be mounted on Type 3 Breakaway Bases per ADOT Std. Dwgs. T.S. 5-0, T.S. 5-2 and T.S. 5-3. (B/A-3) See Pole and Luminaire Schedule.

LEGEND:

H - Type H Pole Per ADOT Std. Dwg. T-SL 4.09

B/A - Type H Pole Foundation with bolt circle to match Type 3 Breakaway base

B/A-3 - Type 3 Breakaway Base Per ADOT Std. Dwg. T.S. 5-2

15L - Horizontal Mount LED Luminaire- Refer to ADOT Approved Products List and Specifications

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
LIGHT POLE SCHEDULE

Registered Professional Engineer (Civil) CERTIFICATE NO. 51481 BRIANNE MARIE TURPIN 06-30-26 ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-8.04
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

6/11/2026 ...\a0738A 1t04.dgn LT SCHEDULE T-8.04

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	417	524	
		093 YV 189			

ROADWAY LIGHTING CONDUCTOR SCHEDULE
US 93 & SR 89

	CONDUIT RUN NUMBER	1	2	3	4	5	6	7	8	9	10
	CONDUIT SIZE IN INCHES	2.5	2	2	2	2	2	2	2	2	2
AWG	CIRCUIT PHASE	●									
#12	Lighting (Pole to pull box)		2								
#12	Lighting Circuit 1			2				2			
	Lighting Circuit 2			2						2	
#10	Lighting Circuit 1								2		2
	Lighting Circuit 2						2		2		
#8	Lighting Circuit 1				2	2					
	Lighting Circuit 2				2						
#8	Bare Bond		1	1	1	1	1	1	1	1	1

● = Conduit installed by contractor, conductors by APS

US93 Highway Lighting Service

Plan Designation	Interchange	New/Exst	Service Address	Maintenance Unit No.	Type
LC-1	US 93	NEW	36315 S. US Highway 93	XXXXX	120/240V

LC - Load center cabinet Type II per ADOT Std. Dwg. T.S. 3-1

LOAD CENTER TABLE

Load center No:	LC-1
Load center location:	US 93, STA 2143+58, 169.5' RT
Meter pedestal type:	TYPE II (120/240V)
Main circuit bkr:	100 A

Circuit	Status	Voltage	Voltage drop	% Drop	Breaker	Load AMPS
1	NEW	240	6.89	2.87	20	6.37
2	NEW	240	5.98	2.49	20	5.88
				Service amps		12.25
				Additional 25% demand		3.06
				Total AMPS		16.31
				Power (VA)		3675

	NAME	DATE
DESIGN	MEI	06/26
DRAWN	SRH	06/26
CHECKED	BMT	06/26

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Phoenix, Arizona 85016
Phone: (602) 333-2200

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

US 93 & SR 89
CONDUCTOR SCHEDULE

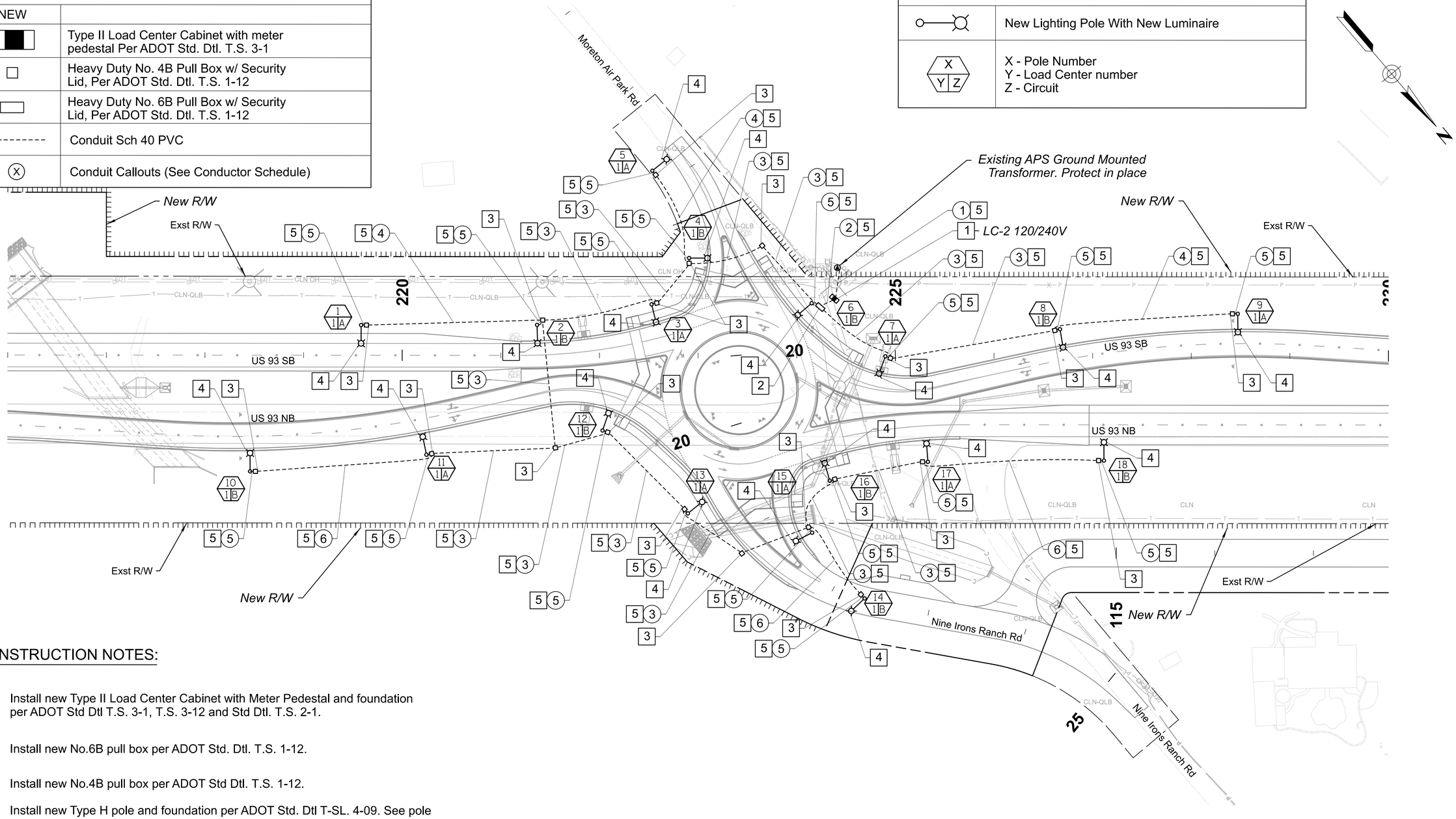
Registered Professional Engineer (Civil)
CERTIFICATE NO.
51481
BRIANNE MARIE TURPIN
Date Signed 6/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. T-8.05
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

CONDUIT AND PULLBOX LEGEND	
NEW	
	Type II Load Center Cabinet with meter pedestal Per ADOT Std. Dtl. T.S. 3-1
	Heavy Duty No. 4B Pull Box w/ Security Lid, Per ADOT Std. Dtl. T.S. 1-12
	Heavy Duty No. 6B Pull Box w/ Security Lid, Per ADOT Std. Dtl. T.S. 1-12
----------	Conduit Sch 40 PVC
(X)	Conduit Callouts (See Conductor Schedule)

POLE AND LUMINAIRE LEGEND	
	New Lighting Pole With New Luminaire
X / Y Z	X - Pole Number Y - Load Center number Z - Circuit



CONSTRUCTION NOTES:

1. Install new Type II Load Center Cabinet with Meter Pedestal and foundation per ADOT Std Dtl T.S. 3-1, T.S. 3-12 and Std Dtl. T.S. 2-1.
2. Install new No.6B pull box per ADOT Std. Dtl. T.S. 1-12.
3. Install new No.4B pull box per ADOT Std Dtl. T.S. 1-12.
4. Install new Type H pole and foundation per ADOT Std. Dtl T-SL. 4-09. See pole schedule for breakaway base and foundation.
5. Trench conduit per ADOT Std. Dtl. T.S. 1-5. See Plan and Schedule for more information

	NAME	DATE
DESIGN	G S RAI	06/26
DRAWN	G S RAI	06/26
CHECKED	I YORDANOV	06/26

68166 IVAN YORDANOV Date Signed 06/26/26 ARIZONA, U.S.A.

TRANSPORTATION
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7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

PLAN SHEET
SB US 93 STA 216+00 TO STA 230+00

ROUTE US 93
MILEPOST 190.5
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 190	093-B-NFA	418	524	

LOCATION US 93, MORETON RD & NINE IRONS RANCH RD

DWG No. T-8.06

TRACS NO. F0738 01C

____ OF ____

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LIST OF LUMINAIRES		
TYPE	WATTAGE	IES DISTRIBUTION
25L	160 - 200	Type III MEDIUM

CONDUCTOR SCHEDULE
US 93 AND MORETON RD

	Conduit run numbers ⓧ	1	2	3	4	5	6		
	Conduit size in inches	2 1/2	2 1/2	2	2	1 1/2	2		
AWG		Number of wires							
# 10	New					2			
# 8	Lighting Circuit A		2	2	2				
	New insulated green bond		1	1	1	1	1		
# 6	Lighting Circuit B		2	2			2		
	New insulated green bond	1							
# 1	New service 120/240V	3							

US93 HIGHWAY LIGHTING SERVICE
US 93 AND MORETON RD

Plan Designation	Interchange	New/Exst	Service Address	Maintenance Unit No.	Type
LC-2	US 93	New	20999 S US Highway 93		120/240V

LC - Load center cabinet Type II per ADOT Std. Dwg. T.S. 3-1

LOAD CENTER TABLE						
Load center No:				*LC-2*		
Load center location				MORETON RD & US 93, STA 224+38, 58' LT		
Meter pedestal type:				*TYPE II (120/240V)*		
Main circuit bkr:				*100 A*		
Circuit	***Status***	***Voltage***	***Voltage drop***	***% Drop***	***Breaker***	***Load AMPS***
A	***NEW***	***240***	***6.14***	***2.56***	***20***	***8.1***
B	***NEW***	***240***	***4.76***	***1.98***	***20***	***8.1***
				Service amps		***16.2***
				Additional 25% demand		***4.05***
				Total AMPS		***20.25***
				Power (VA)		***4860***

POLE AND LUMINAIRE SCHEDULE - US 93 AND MORETON RD

						POLE		FOUNDATION		LUMINAIRE		
POLE NO.	ROADWAY	STATION	OFFSET	LOAD CENTER CABINET	CIRCUIT	TYPE	MAST ARM LENGTH	TYPE	BASE	ADOT TYPE	REMARKS	MAINTENANCE UNIT NO.
1	US 93	219+58	31' LT	LC-1	A	H - 40'	10'	B/A	B/A - 3	25L		
2	US 93	221+37	31' LT	LC-1	B	H - 40'	10'	B/A	B/A - 3	25L		
3	US 93	222+54	52' LT	LC-1	A	H - 40'	10'	B/A	B/A - 3	25L		
4	US 93	222+91	99' LT	LC-1	B	H - 40'	10'	B/A	B/A - 3	25L		
5	MORETON RD	17+80	35' RT	LC-1	A	H - 40'	10'	B/A	B/A - 3	25L		
6	US 93	224+15	54' LT	LC-1	B	H - 40'	10'	B/A	B/A - 3	25L		
7	US 93	224+90	1' RT	LC-1	A	H - 40'	10'	B/A	B/A - 3	25L		
8	US 93	226+67	27' LT	LC-1	B	H - 40'	10'	B/A	B/A - 3	25L		
9	US 93	228+47	43' LT	LC-1	A	H - 40'	10'	B/A	B/A - 3	25L		
10	US 93	218+46	118' RT	LC-1	B	H - 40'	10'	B/A	B/A - 3	25L		
11	US 93	220+24	101' RT	LC-1	A	H - 40'	10'	B/A	B/A - 3	25L		
12	US 93	222+03	76' RT	LC-1	B	H - 40'	10'	B/A	B/A - 3	25L		
13	US 93	222+90	160'RT	LC-1	A	H - 40'	10'	B/A	B/A - 3	25L		
14	NINE IRONS RANCH RD	22+27	26' LT	LC-1	B	H - 40'	10'	B/A	B/A - 3	25L		
15	NINE IRONS RANCH RD	21+20	29' LT	LC-1	A	H - 40'	10'	B/A	B/A - 3	25L		
16	US 93	224+33	127' RT	LC-1	B	H - 40'	10'	B/A	B/A - 3	25L		
17	US 93	225+33	108' RT	LC-1	A	H - 40'	10'	B/A	B/A - 3	25L		
18	US 93	227+11	106' RT	LC-1	B	H - 40'	10'	B/A	B/A - 3	25L		

POLE AND LUMINAIRE LEGEND:

H - Type H Pole per ADOT Std. Dwg. T-SL 4.09

B/A - Type H Pole Foundation with bolt circle to match Type 3 Breakaway Base

B/A-3 - Type 3 Breakaway Base per ADOT Std. Dwg. T.S. 5-2

25L - Horizontal Mount LED Luminaire - Refer to ADOT Approved Products List and Specifications

68166 IVAN YORDANOV Date Signed ARIZONA, U.S.A.

	NAME	DATE
DESIGN	G S RAI	06/26
DRAWN	G S RAI	06/26
CHECKED	I YORDANOV	06/26

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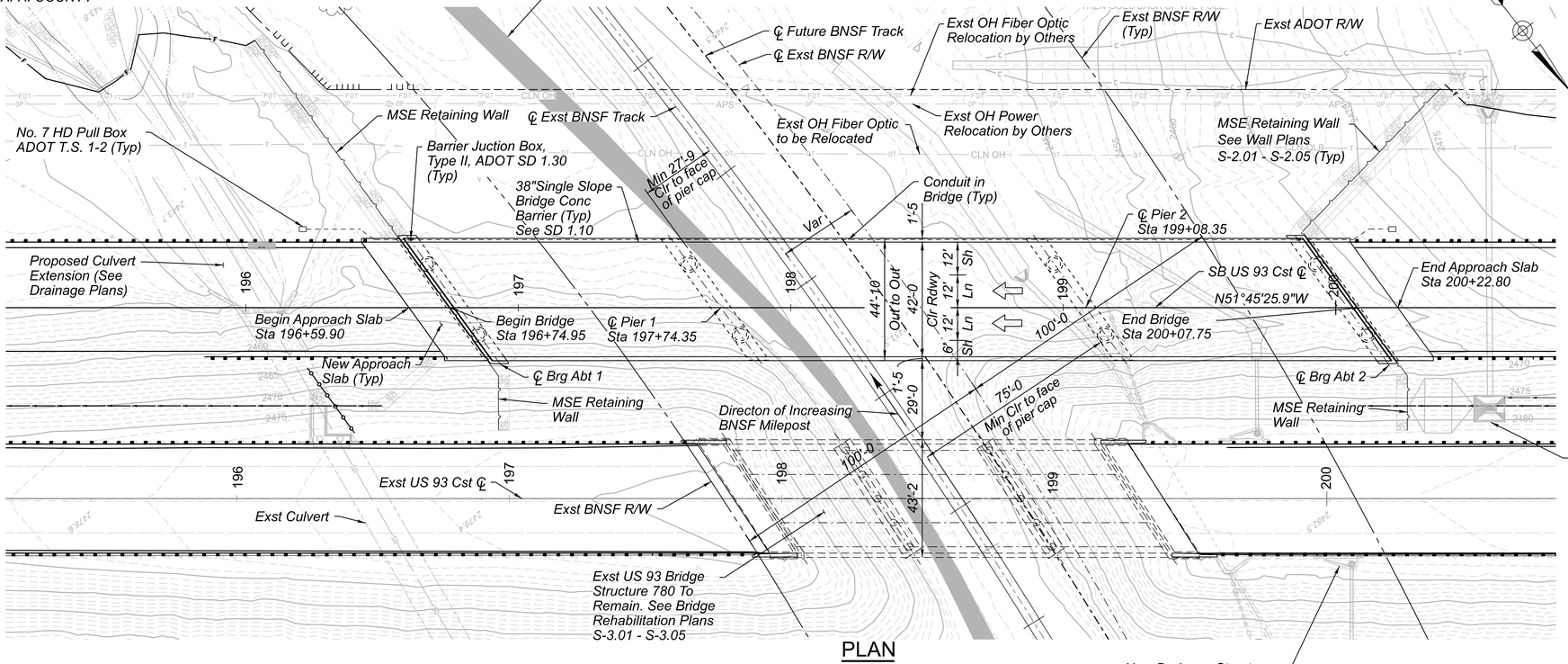
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
TRAFFIC DESIGN SERVICES

LIGHTING LOAD CENTER TABLES AND CONDUCTOR AND LUMINAIRE SCHEDULE

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 190	093-B-NFA	419	524	
MILEPOST 190.5	LOCATION US 93, MORETON RD & NINE IRONS RANCH RD						DWG No. T-8.07
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF____

c:\pwworking\usaz\dms15508\o0738_lgn03.dgn
6/9/2026 @9:59:36 AM bryce.savage

KINGMAN-WICKENBURG HWY (US93)
SB BNSF OVERPASS
YAVAPAI COUNTY

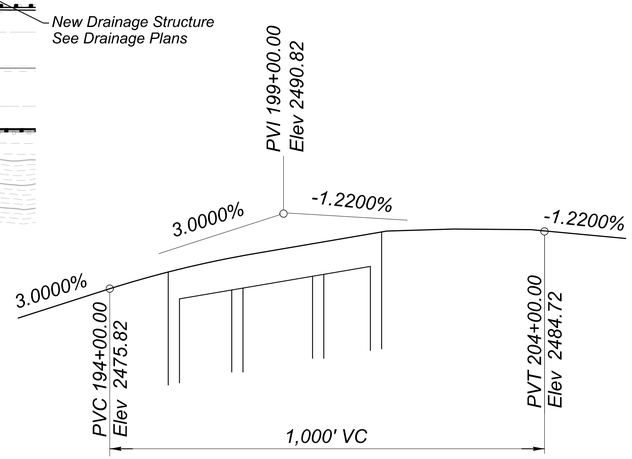


PLAN

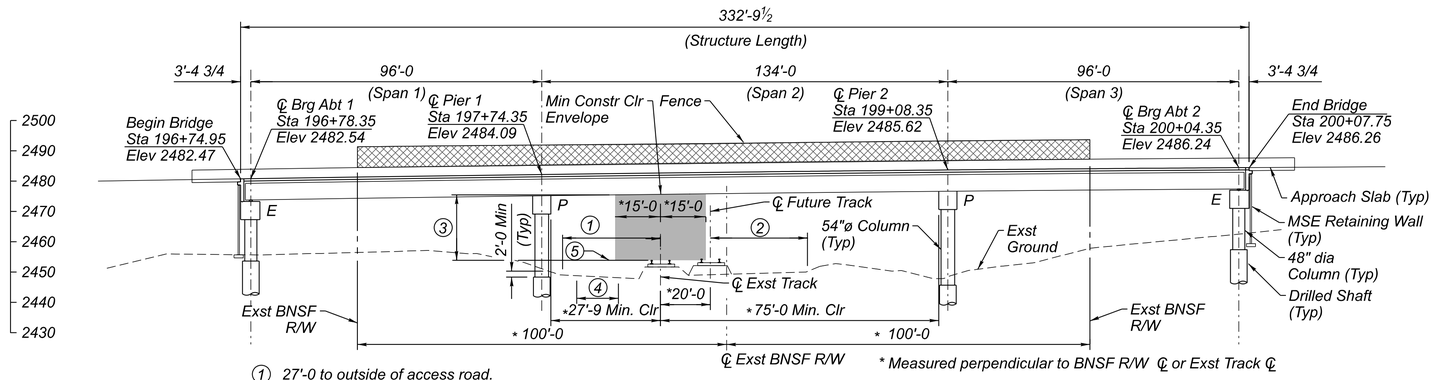
New Three-Span Precast Prestressed
BT66 Concrete Girder Bridge
Contour Interval = 1'-0 Skew = 36°00'00"
Scale: 1" = 25'-0

INDEX OF SHEETS

S-1.01	General Plan & Elevation
S-1.02	General Notes, Typical Section & Quantities
S-1.03	BNSF General Notes For Overhead Structures
S-1.04	Foundation Layout
S-1.05	Drilled Shaft Details
S-1.06	Abutment 1 Plan & Elevation
S-1.07	Abutment 2 Plan & Elevation
S-1.08	Abutment Details (1 of 2)
S-1.09	Abutment Details (2 of 2)
S-1.10	Pier Plan & Elevation
S-1.11	Pier Details
S-1.12	Restrainer & Bearing Pad Details
S-1.13	Girder Details (1 of 4)
S-1.14	Girder Details (2 of 4)
S-1.15	Girder Details (3 of 4)
S-1.16	Girder Details (4 of 4)
S-1.17	Framing Plan
S-1.18	Deck Details
S-1.19	Abutment Diaphragm Details
S-1.20	Pier Diaphragm Details
S-1.21	Intermediate Diaphragm Details
S-1.22	Fence Details
S-1.23	Miscellaneous Details
S-1.24	Screed Elevations



SB US 93 PROFILE GRADE LINE



1. 27'-0 to outside of access road.
2. 27'-0 to outside of future access road.
3. 23'-6 ADOT, 23'-6" BNSF (Required min vert clr) 24'-0 (Actual min vert clr)
4. Existing Access Road - location varies, see bridge plan view for location
5. West Rail Elev 2453.72 East Rail Elev 2453.51

BRIDGE ELEVATION

Scale: 1" = 25'-0

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMNGANG Date Signed 06/10/26 ARIZONA U.S.A.

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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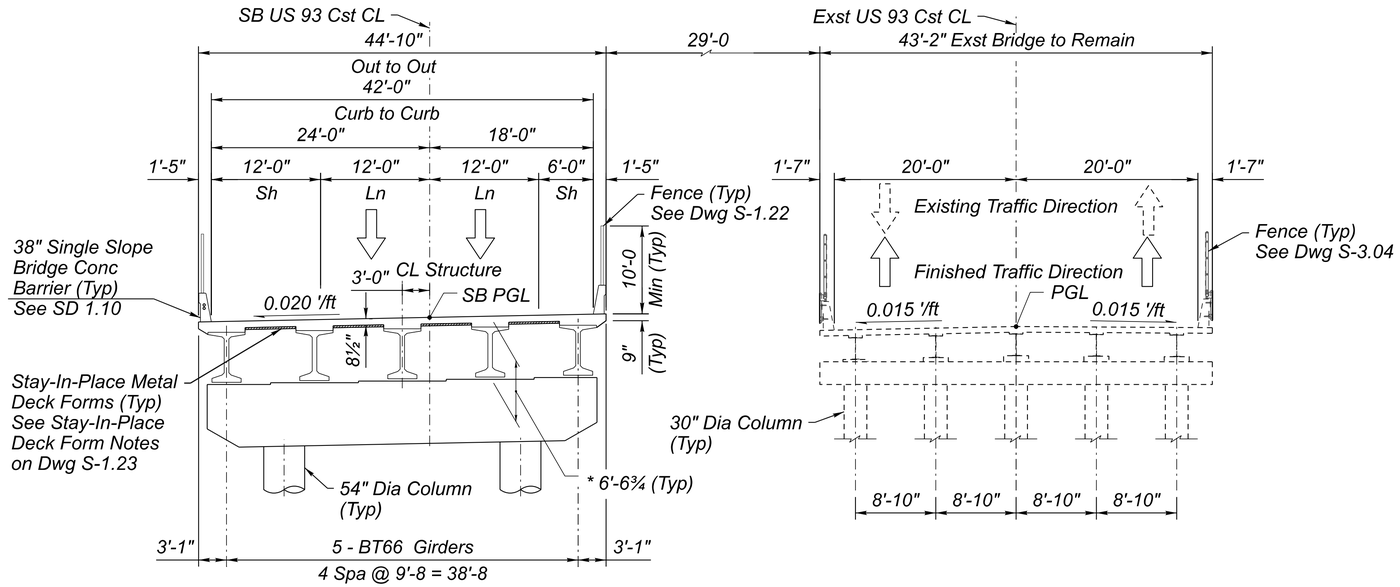
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
GENERAL PLAN AND ELEVATION

ROUTE	US 93
MILEPOST	192.90
STRUCTURE NO.	20313

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	420	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. S-1.01
TRACS NO. F0738 01C
____ OF ____



* Measured From Top of Deck to Bottom of Girder at CL Girder & CL Brg

TYPICAL SECTION

Looking Ahead Station
Scale: 1" = 10'-0

APPROXIMATE QUANTITIES

ITEM	STRUCTURAL EXCAVATION CY	STRUCTURE BACKFILL CY	CLASS 'S' CONCRETE F'C=3500 psi CY	CLASS 'S' CONCRETE F'C=4500 psi CY	REINFORCING STEEL LBS	BT66 GIRDERS LF	60" DIA DRILLED SHAFTS LF	66" DIA DRILLED SHAFTS LF
Abut 1	30	20	115		21,720		69	
Pier 1	10	5	98		21,840			111
Pier 2	10	5	101		22,270			119
Abut 2	20	15	105		19,800		64	
Superstructure				631	134,290	1,623		
Total	70	45	419	631	219,920	1,623	133	230
Record Drawing Total								

38"Single Slope Bridge Concrete Barrier & Transition (SD 1.10) ..... 726 LF
Vertical Restrainers, Expansion ..... 8 EA
Vertical Restrainers, Fixed ..... 16 EA
Approach Slab (SD 2.01) ..... 1,348 SF
Deck Joint Assembly (Flangeless Strip Seal) (SD 3.03) ..... 104 LF
Junction Box (Type II) (SD 1.30) ..... 2 EA
Chain Link Fence (On Structure) ..... 484 FT

GENERAL NOTES:

Construction Specifications - Arizona Department of Transportation Standard Specifications for Road & Bridge Construction, Edition of 2021.

Design Specifications - AASHTO LRFD Bridge Design Specifications, 8th Edition, 2017 with current interims.

Dead Load - Dead Load includes allowance of 25 pounds per square foot for future wearing surface & 15 pound per square foot for metal stay-in-place deck forms.

Loading Class - HL93 Inventory Rating Factor = 1.42 Operating Rating Factor = 2.09

Composite Design - Dead load carried by girders only.

Seismic Performance - Seismic Zone 1, Site Class C, Peak Ground Acceleration = 0.057g, S_{DS} = 0.155g, S_{D1} = 0.088g.

All concrete shall be Class 'S' unless noted otherwise.

Reinforcing steel & threaded bars for girder inserts shall conform to ASTM Specification A615, Grade 60.

All bends & hooks shall meet the requirements of AASHTO Article 5.10.2 All bend dimensions for reinforcing steel shall be out-to-out of bars. All placement dimensions for reinforcing steel shall be to center of bars unless noted otherwise.

All reinforcing steel shall have 2 inch clear cover unless noted otherwise.

All mechanical splices shall conform to the requirements for mechanical connnections in Section 605-3.02 of the Standard Specifications.

Stresses:

Superstructure except barriers (including diaphragms)	f'c = 4,500 psi
Barriers & approach slabs	f'c = 4,000 psi
Abutments, piers, columns & drilled shafts	f'c = 3,500 psi
Grade 60 transverse deck reinforcing	fs = 24,000 psi
All other Grade 60 reinforcing	fy = 60,000 psi
Prestressing Steel (0.6" dia. 7-wire Low-Relaxation Strand)	fs = 270,000 psi
Precast prestressed concrete girders	f'ci = 7,000 psi f'c = 9,000 psi

All welding shall conform to the requirments of the American Welding Society, ANSI/AASHTO/AWS D1.5 Bridge Welding Code (latest edition).

Dimensions shall not be scaled from drawings.

Construction joints not shown on the plans shall require the approval of the Engineer prior to construction.

Chamfer all exposed corners ¾" unless noted otherwise.

Barriers shall not be slip formed.

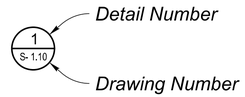
Barriers shall be constructed after spans have taken dead load delfection.

ADOT STANDARD DRAWING LIST

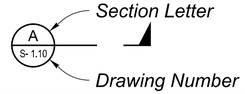
SD 1.10, SD 1.30, SD 2.01, SD 3.03, SD 5.01, SD 5.02.

LEGEND:

DETAIL Marker



SECTION Marker



NOTE:

A line (—) in place of the Drawing Number indicates that the SECTION or DETAIL is located on the same drawing.

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMINGANG Date Signed 06/19/26 ARIZONA U.S.A.

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP
US 93 SB BNSF OP BRIDGE
GENERAL NOTES, TYPICAL SECTION & QUANTITIES

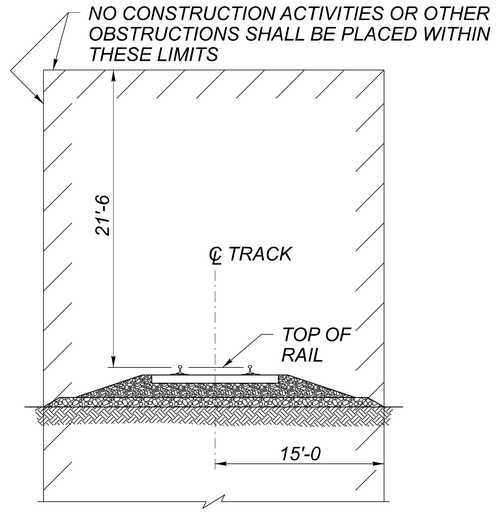
ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	421	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. S-1.02
TRACS NO. F0738 01C
____ OF ____

BNSF GENERAL NOTES FOR OVERHEAD STRUCTURES:

1. *Refer to Subsection 104.07 of the Specifications and the Special Provisions for Bid Item 9240012 for additional requirements.*



MINIMUM CONSTRUCTION CLEARANCE ENVELOPE

(NORMAL TO RAILROAD)

Registered Professional Engineer, State of Arizona
CERTIFICATE NO.
80073
MAXIME
NOCHE DOMNGANG
Date Signed 06/15/26

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
BNSF GENERAL NOTES FOR OVERHEAD STRUCTURES

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

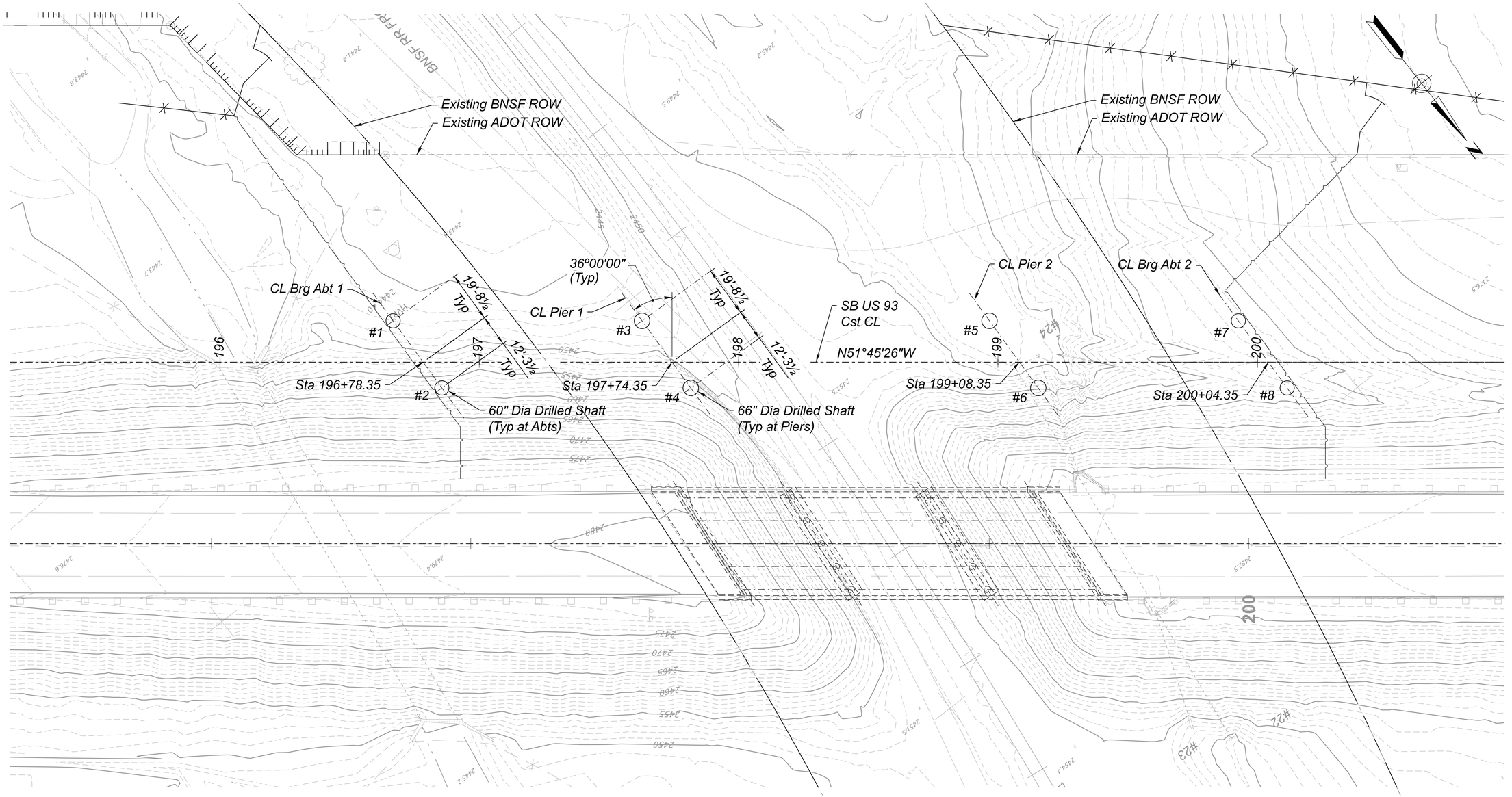
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	422	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. S-1.03

____ OF ____



FOUNDATION NOTES:

1. *Information pertaining to the soil & site conditions can be obtained from the Final Geotechnical Report (dated 12/17/2025) by ADOT Geotechnical Services. It is the responsibility of the contractor to review the Final Geotechnical Report.*

2. *Contour interval = 1 ft.*

3. *Contours are based on field survey by ADOT in August 2024.*

FOUNDATION PLAN

Scale: 1" = 20'-0

THE LOCATION OF ALL UTILITIES IS APPROXIMATE ONLY. LOCATIONS SHOWN REFLECT THE FINDINGS OF THE LATEST AVAILABLE MAPPING.

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMNGANG Date Signed 06/10/26

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
FOUNDATION LAYOUT

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

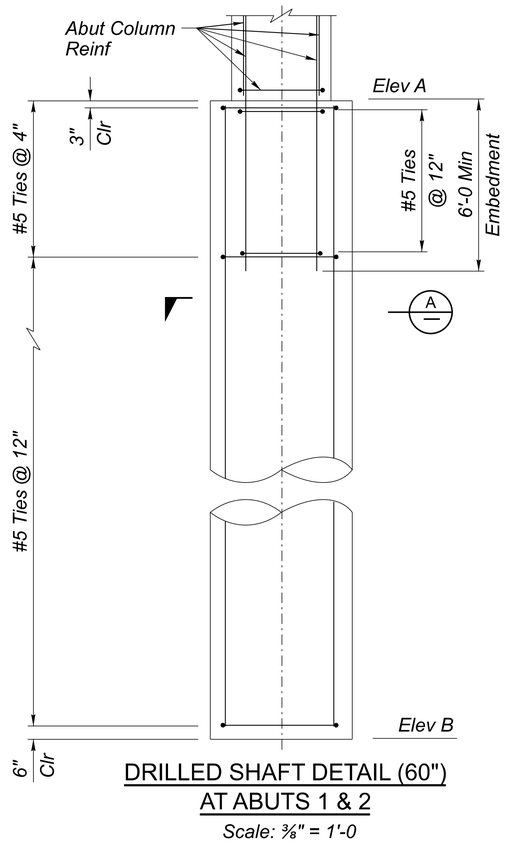
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	423	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. S-1.04

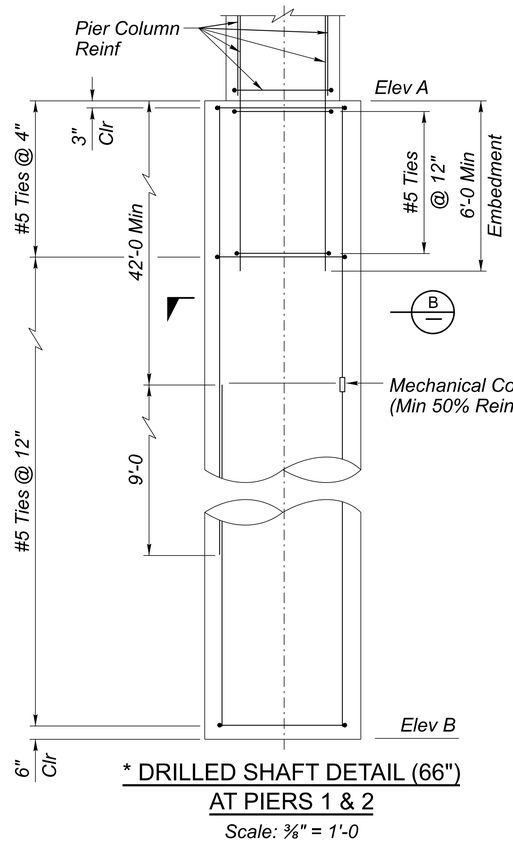
TRACS NO. F0738 01C

____ OF____



DRILLED SHAFT DETAIL (60")
AT ABUTS 1 & 2

Scale: ⅜" = 1'-0



* DRILLED SHAFT DETAIL (66")
AT PIERS 1 & 2

Scale: ⅜" = 1'-0

* See Note 14

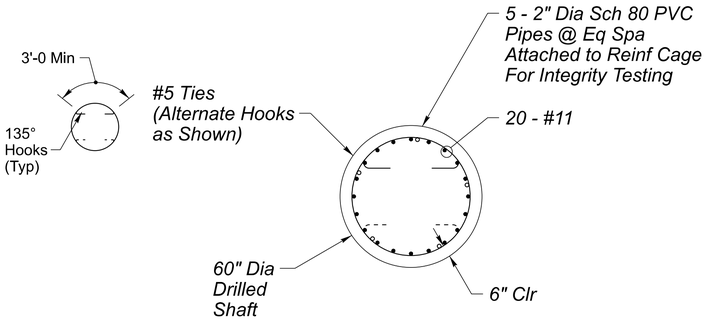
DRILLED SHAFT NOTES:

1. The contractor shall select a confirmation shaft in accordance with the Standard Specifications & as approved by the Engineer.
2. The contractor shall orient the drilled shaft reinforcing cage to minimize conflicts with the reinforcing in abutment & pier caps.
3. Number of inspection tubes, inspection tube size, type & details shall be per the Specifications.
4. Inspection tubes shall not be attached to the longitudinal reinforcing.
5. Drilled shaft excavations may encounter caving conditions and/or groundwater. The Contractor may require temporary casing or other measures in the event such conditions exist. See Final Geotechnical Report for additional shaft construction considerations.
6. Construction joints not shown on the plans shall require the approval of the Engineer prior to construction. Construction joints below the water line are not allowed.
7. In the event of a weak layer (silt, clay, loose sand, etc.) at the recommended elevation of the shaft bottom, the shaft shall be extended to bear on firm soil as determined by the Engineer.
8. Concrete shall be placed within 24 hours after the excavation has been completed & the reinforcing cage placed in its position.
9. No excavation, except as required for drilled shaft construction, shall occur below the bottom of the abutment.
10. Drilled shaft reinforcing shall not be spliced in the upper ⅓ of the shaft. Lap splices shall be staggered as far as possible below this region.
11. All reinforcing in drilled shafts, including the steel projecting into the pier columns shall be included in the cost of the drilled shaft.
12. See Special Provisions for additional drilled shaft requirements.
13. See Pier Detail sheets for Column Details.
14. Portions of the drilled shaft excavation at Piers 1 & 2 extend into the BNSF General Shoring Zone A shown in the BNSF Guidelines for Temporary Shoring. Prior to commencing any work, the contractor shall submit calculations & designs signed & sealed by an Engineer registered in the State of Arizona for shoring/casing or showing shoring/casing is not needed for drilled shaft excavation for approval by the Railroad per requirements in the current BNSF Guidelines for Temporary Shoring.

DRILLED SHAFTS TABLE

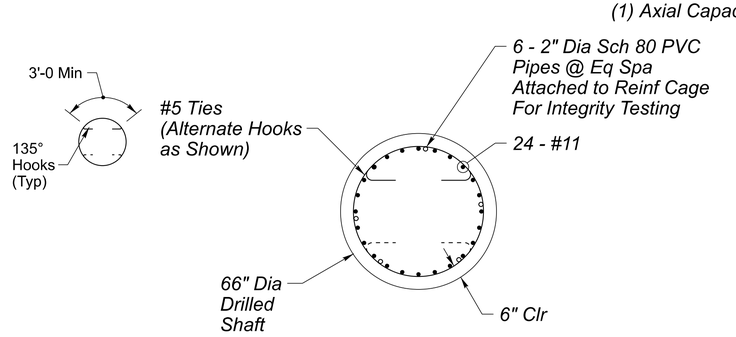
Drilled Shaft Number	Elev A (Top of Drilled Shaft)	Elev B (Bottom of Shaft)	Drilled Shaft Length	Design Loads (kips)		Strength Axial Capacity (1) (kips)
				Service Limit State	Strength Limit State	
1	2440.00	2408.00	32'	907	1214	1214
2	2445.00	2408.00	37'			1214
3	2445.00	2394.00	51'	1470	1986	2000
4	2454.00	2394.00	60'			2000
5	2445.00	2394.00	51'			2000
6	2452.00	2394.00	58'			2000
7	2457.00	2425.00	32'	833	1125	1125
8	2457.00	2425.00	32'			1125

(1) Axial Capacity reduced by group factor = 1.00



SECTION A

Scale: ⅜" = 1'-0



SECTION B

Scale: ⅜" = 1'-0

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMINGANG Date Signed 06/19/26 ARIZONA U.S.A.

	NAME	DATE
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DRAWN	G. Zenuch	06/26
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
DRILLED SHAFT DETAILS

ROUTE US 93
MILEPOST 192.90
STRUCTURE NO. 20313

F.H.W.A. Arizona Division

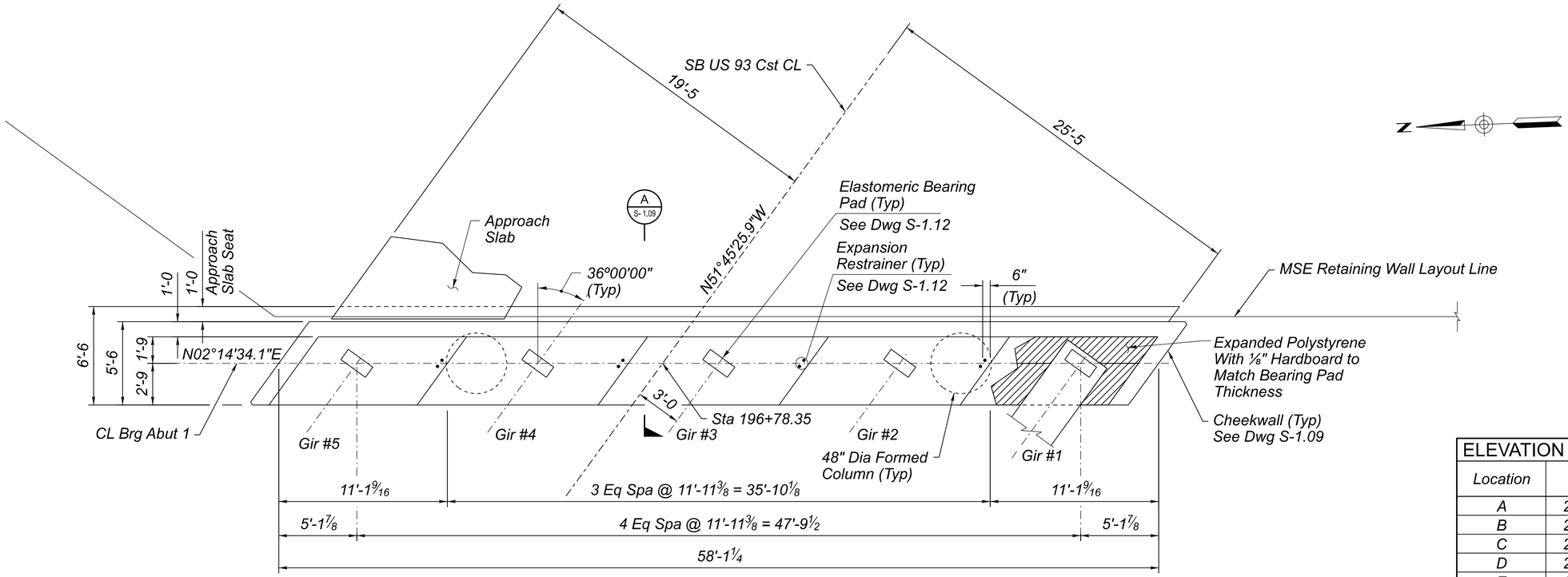
STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B-(230)T	424	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. S-1.05

____ OF ____

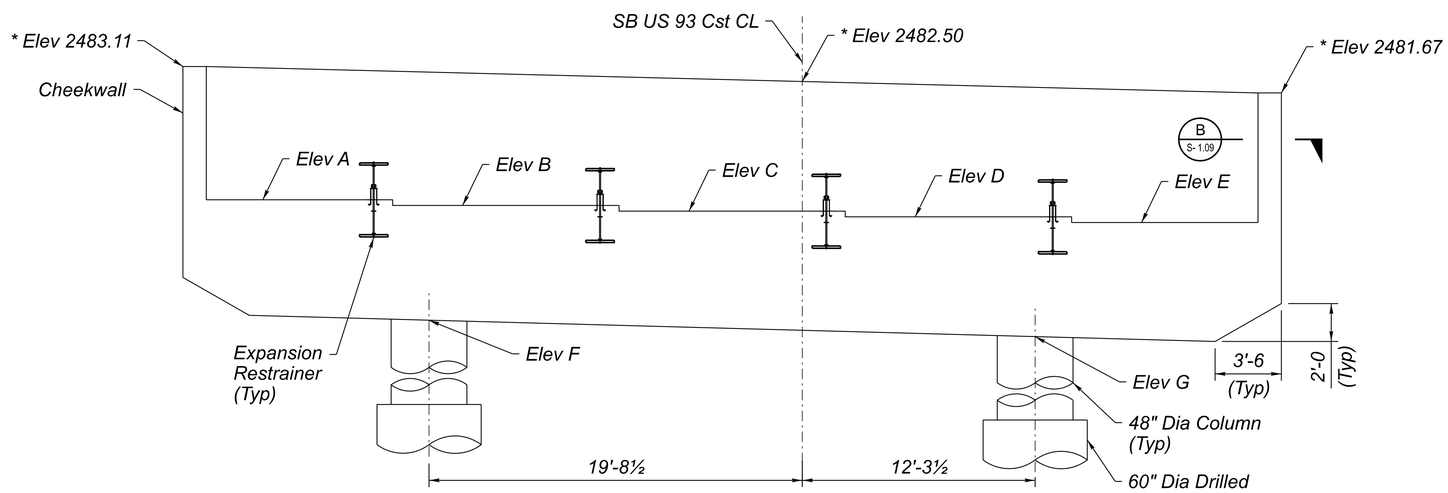


ABUTMENT 1 PLAN

Looking Back Station
Scale: ¼" = 1'-0

ELEVATION TABLE	
Location	*Elev*
A	*2476.10*
B	*2475.78*
C	*2475.46*
D	*2475.14*
E	*2474.81*
F	*2469.73*
G	*2469.02*

** Elevations shown at front face of backwall.*



ABUTMENT 1 ELEVATION

Looking Back Station
Scale: ¼" = 1'-0

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMNGANG Date Signed 06/26/26 ARIZONA U.S.A.

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

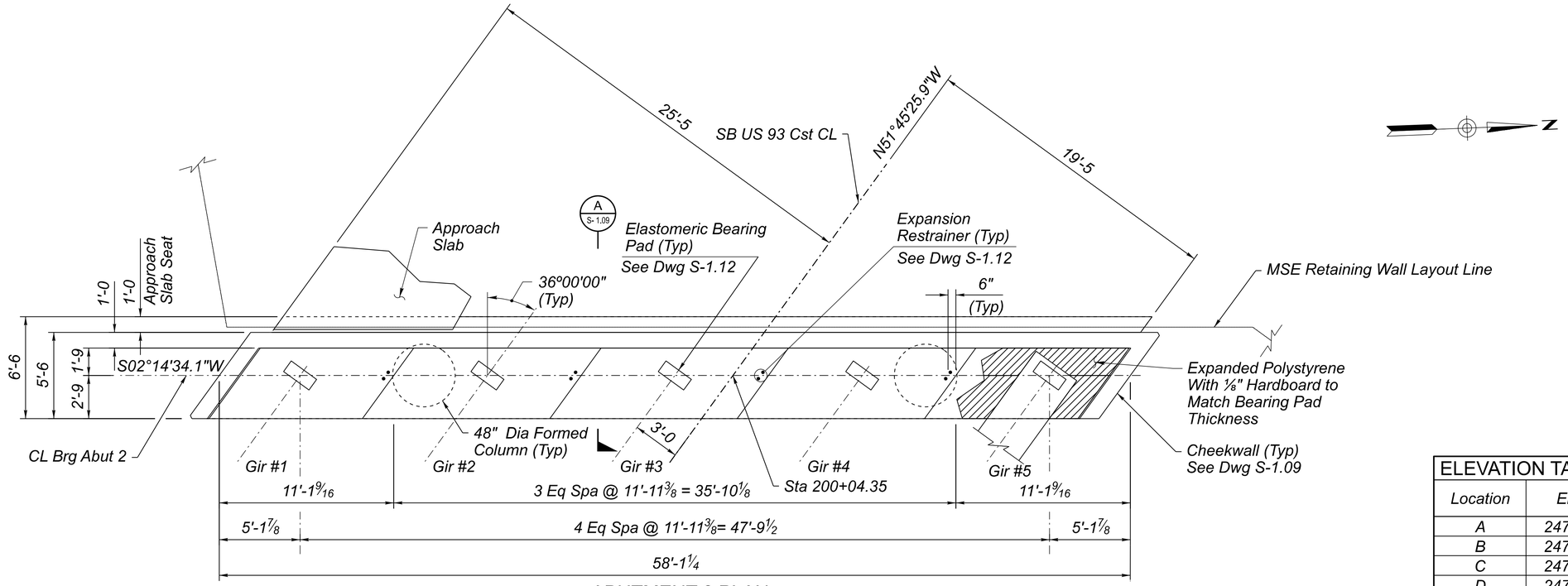
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
ABUTMENT 1 PLAN AND ELEVATION

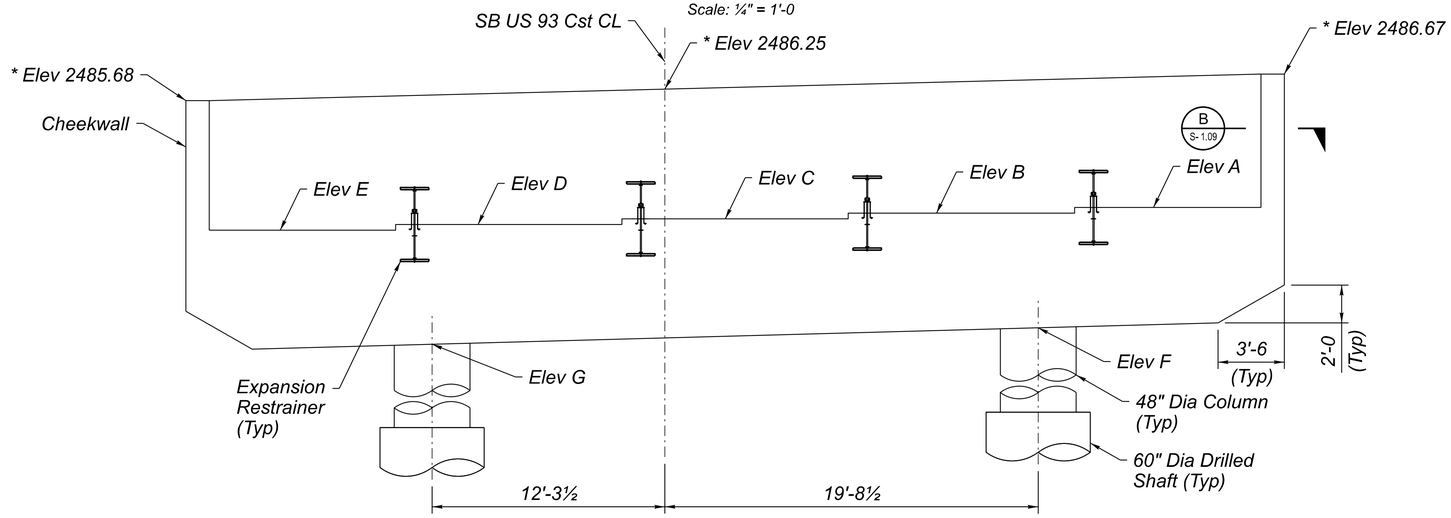
ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B-(230)T	425	524	
MILEPOST 192.90	LOCATION	WICKENBURG RANCH WAY TO VISTA ROYALE				DWG No. S-1.06
STRUCTURE NO. 20313	TRACS NO.	F0738 01C				____ OF____

F.H.W.A. Arizona Division



ABUTMENT 2 PLAN

Looking Ahead Station
Scale: ¼" = 1'-0



ABUTMENT 2 ELEVATION

Looking Ahead Station
Scale: ¼" = 1'-0

ELEVATION TABLE	
Location	*Elev*
A	*2479.73*
B	*2479.50*
C	*2479.28*
D	*2479.05*
E	*2478.82*
F	*2473.47*
G	*2472.97*

** Elevations shown at front face of backwall.*

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMNGANG Date Signed 06/26/25 Not Valid Unless Signed

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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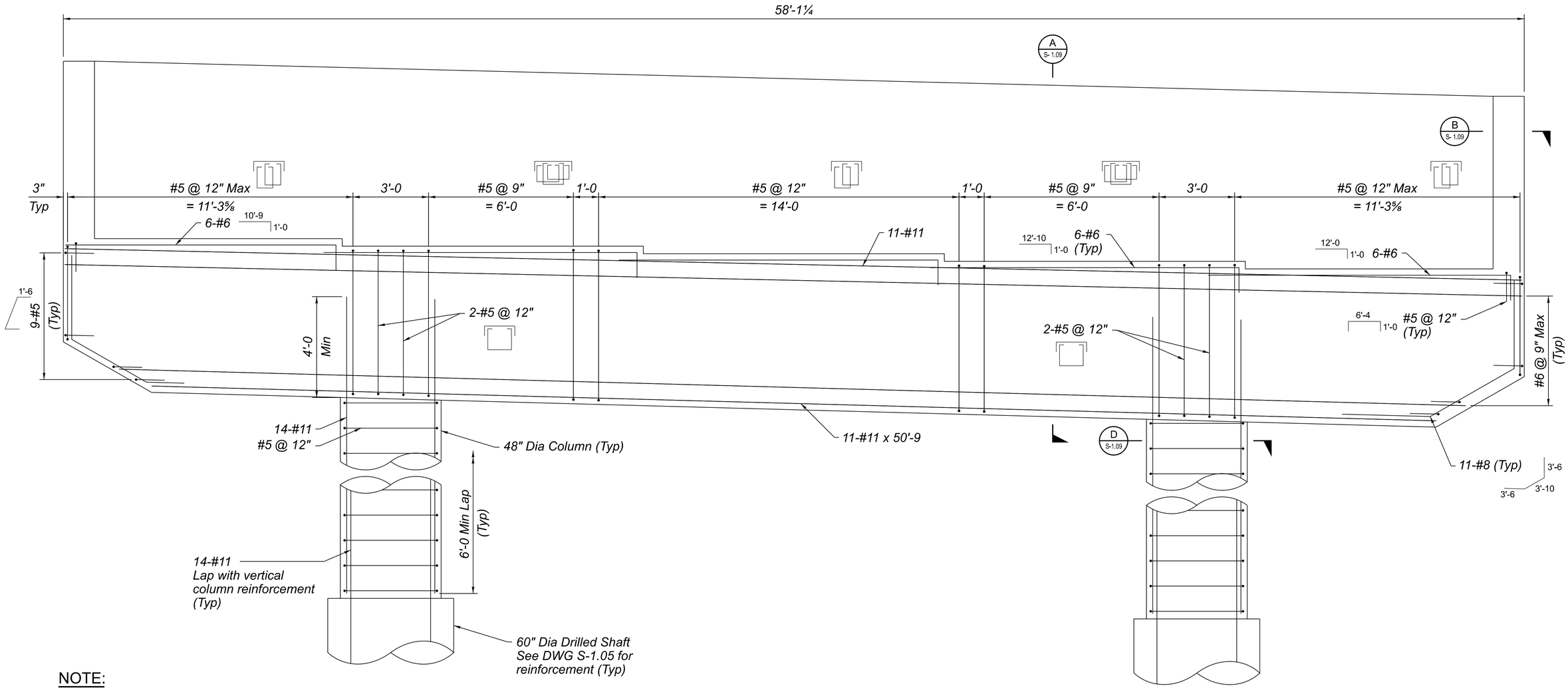
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
ABUTMENT 2 PLAN AND ELEVATION

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	426	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
TRACS NO. F0738 01C
DWG No. S-1.07
____ OF____



NOTE:

Stirrups shall be placed parallel to abutment cap ends.

ABUTMENT ELEVATION

Cheekwall Reinforcement Not Shown For Clarity
Scale: ½" = 1'-0

Registered Professional Engineer, (State) CERTIFICATE NO. 80073 MAXIME NOCHE DOMNGANG Date Signed 06/15/25

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

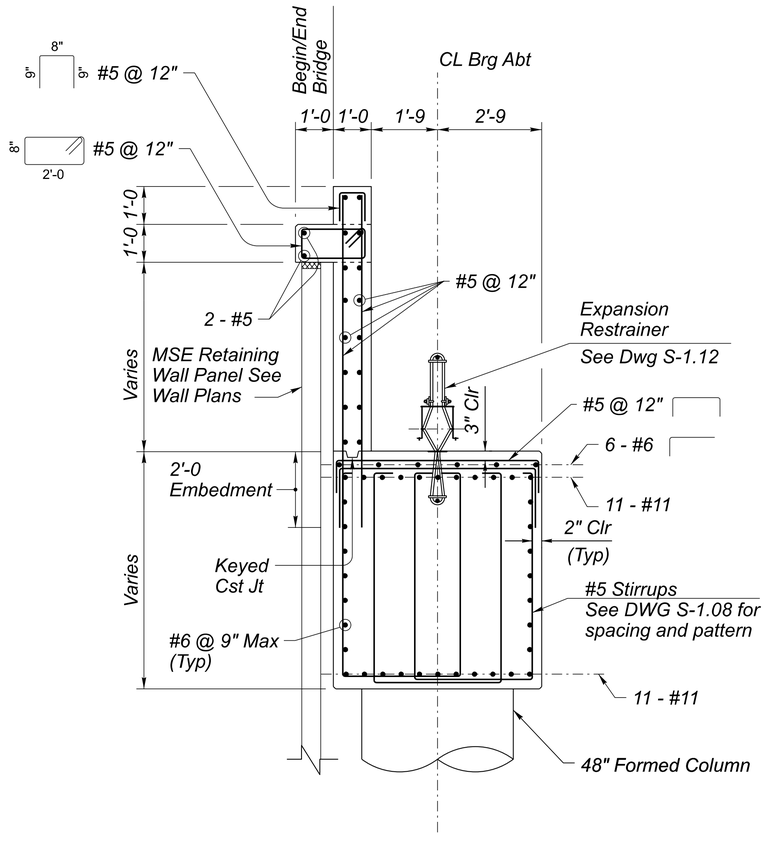
US 93 SB BNSF OP BRIDGE
ABUTMENT DETAILS (1 OF 2)

ROUTE: US 93
MILEPOST: 192.90
STRUCTURE NO.: 20313

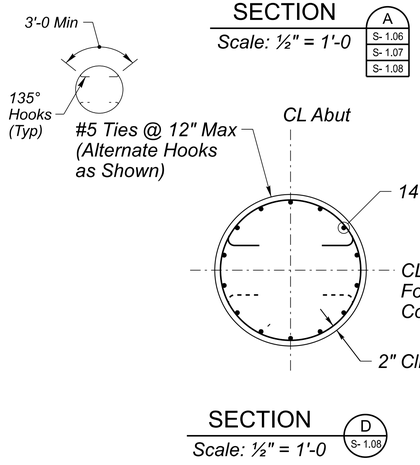
F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B-(230)T	427	524	

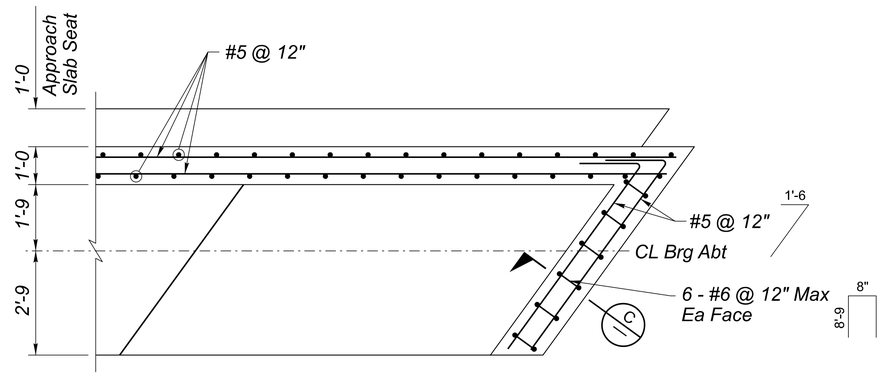
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
TRACS NO. F0738 01C
DWG No. S-1.08
____ OF ____



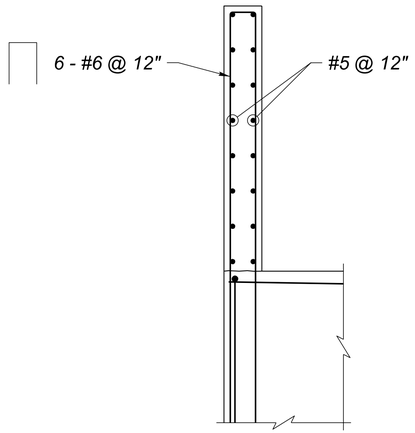
SECTION
Scale: ½" = 1'-0
A
S- 1.06
S- 1.07
S- 1.08



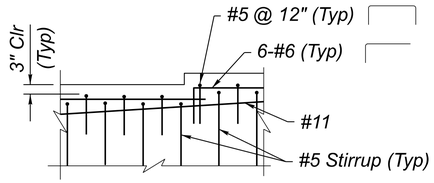
SECTION
Scale: ½" = 1'-0
D
S- 1.08



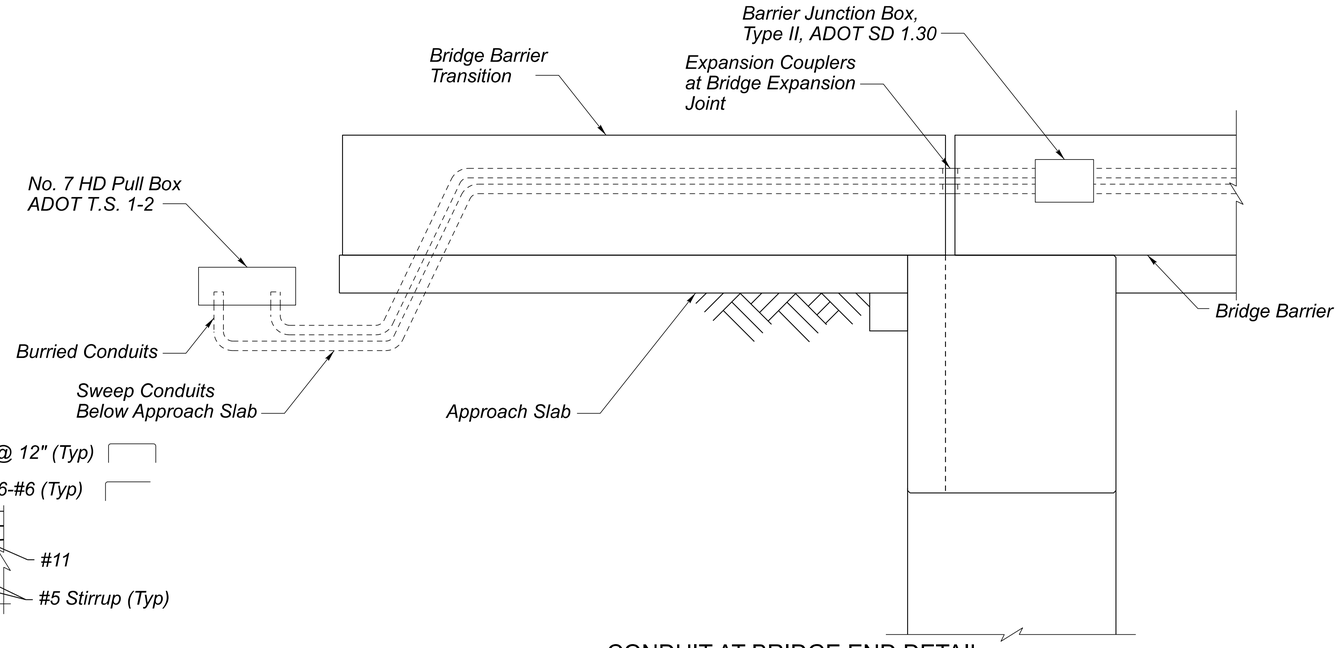
SECTION
Scale: ½" = 1'-0
B
S- 1.06
S- 1.07
S- 1.08



SECTION
Scale: ½" = 1'-0
C



STEP DETAIL
Scale: ½" = 1'-0



CONDUIT AT BRIDGE END DETAIL
Scale: ½" = 1'-0

Registered Professional Engineer (Spec.)
CERTIFICATE NO.
80073
MAXIME
NOCHE DOMINGANG
Date Signed: 06/18/26

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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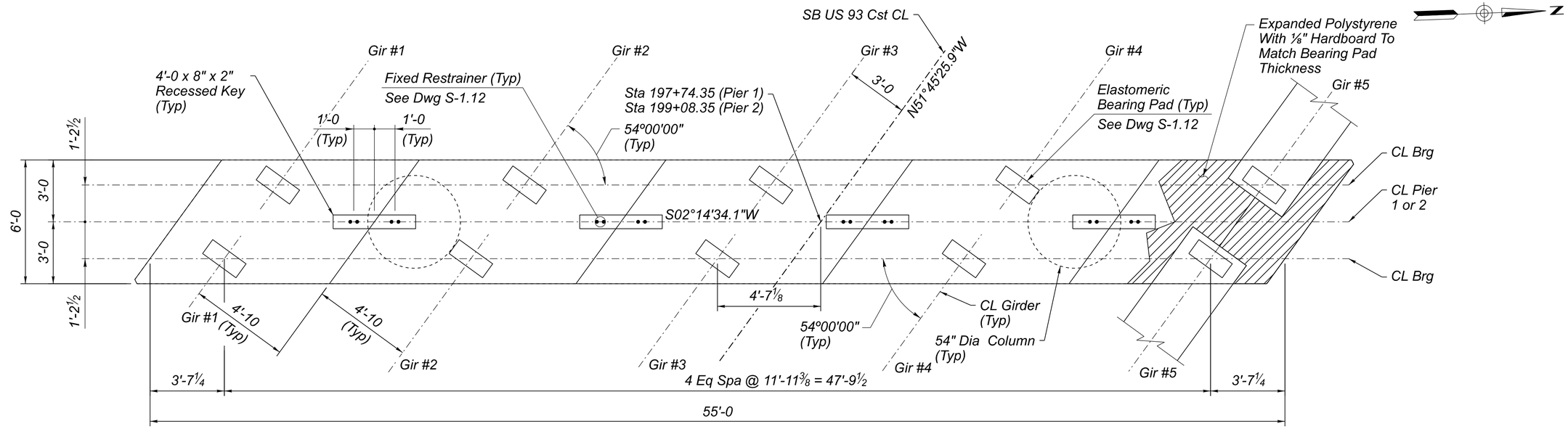
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
ABUTMENT DETAILS (2 OF 2)

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

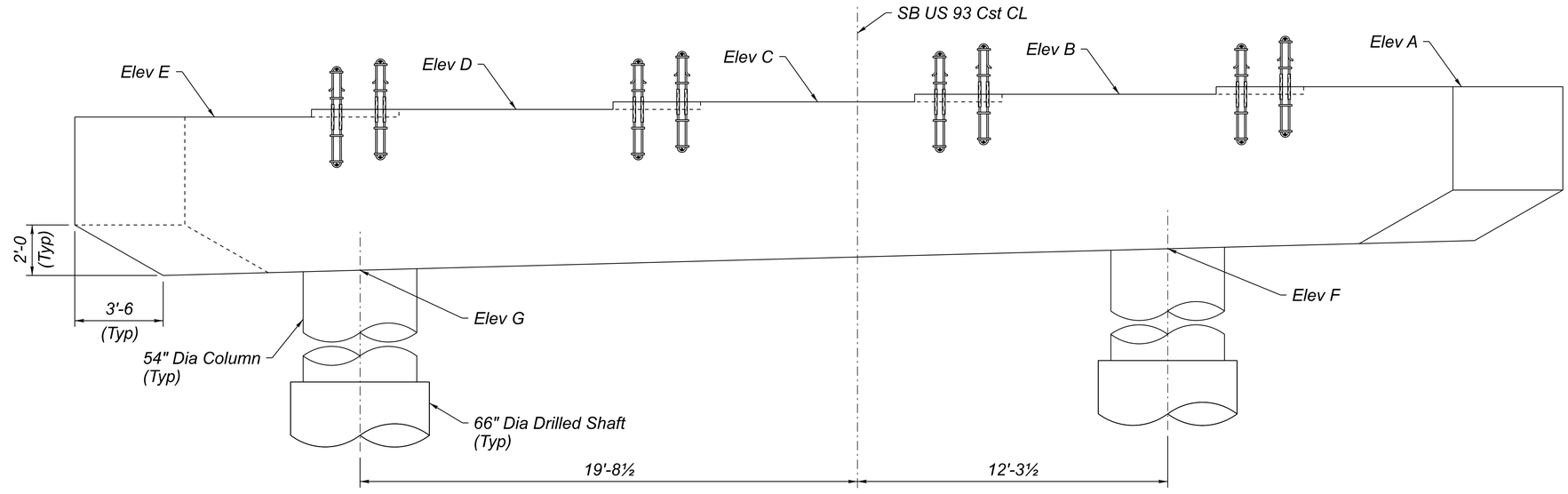
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	428	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. S-1.09
TRACS NO. F0738 01C
____ OF____



PIER 1 & 2 PLAN

Looking Ahead Station
Scale: ⅜" = 1'-0



ELEVATION TABLE		
Location	Pier 1 Elev	Pier 2 Elev
A	2477.70	2479.16
B	2477.41	2478.91
C	2477.12	2478.66
D	2476.82	2478.40
E	2476.53	2478.15
F	2471.38	2472.89
G	2470.70	2472.29

PIER 1 & 2 ELEVATION

Looking Ahead Station
Scale: ⅜" = 1'-0

Registered Professional Engineer, Arizona
CERTIFICATE NO.
80073
MAXIME NOCHE DOMINGANG
Date Signed 06/15/25

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
PIER PLAN AND ELEVATION

ROUTE US 93
MILEPOST 192.90
STRUCTURE NO. 20313

F.H.W.A. Arizona Division

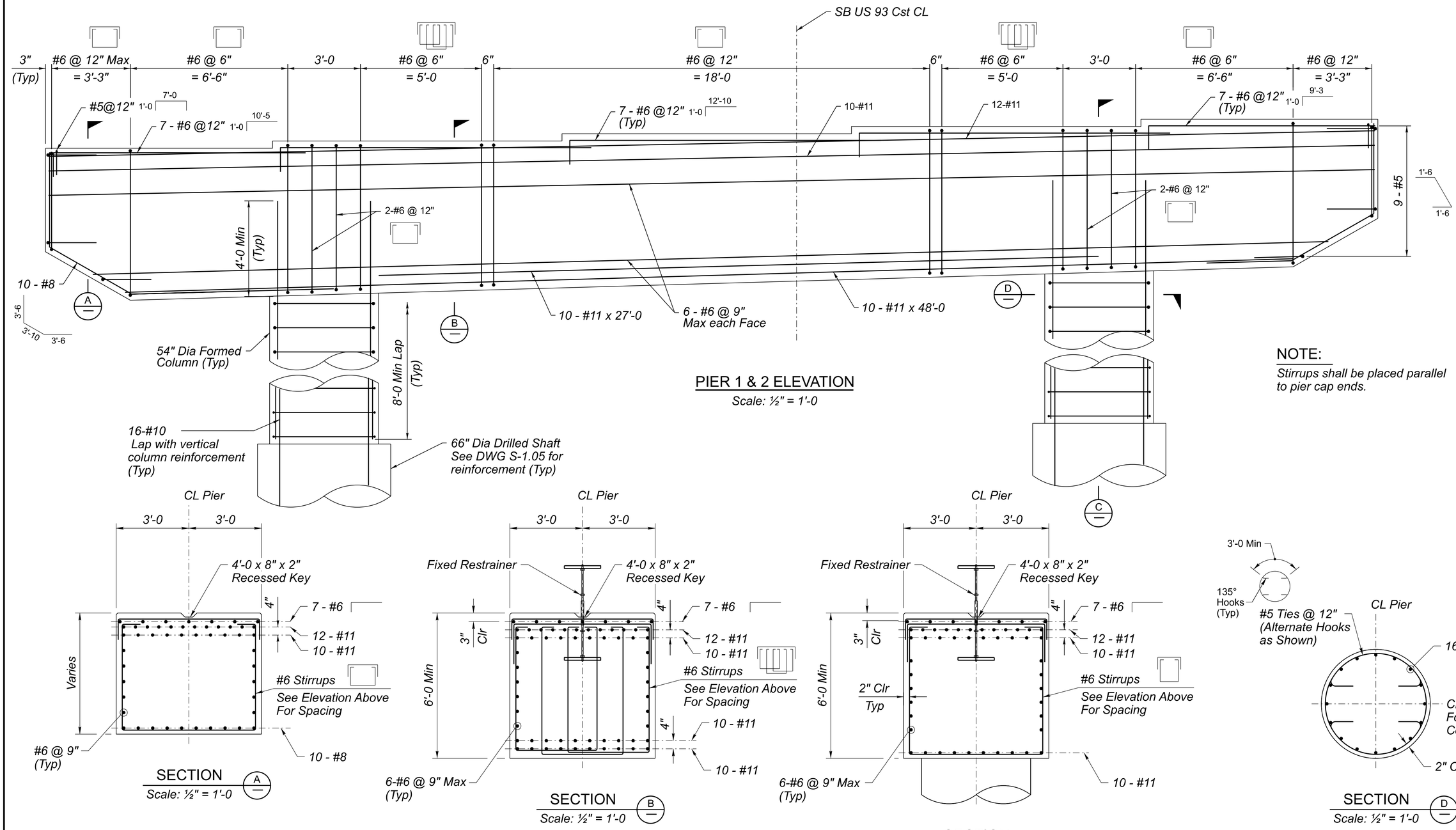
STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B-(230)T	429	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. S-1.10

____ OF____



PIER 1 & 2 ELEVATION

Scale: ½" = 1'-0

NOTE:

Stirrups shall be placed parallel to pier cap ends.

SECTION A

Scale: ½" = 1'-0

SECTION B

Scale: ½" = 1'-0

SECTION C

Scale: ½" = 1'-0

SECTION D

Scale: ½" = 1'-0

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMINGANG Date Signed 06/26/26

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
PIER DETAILS

ROUTE US 93
MILEPOST 192.90
STRUCTURE NO. 20313

F.H.W.A. Arizona Division

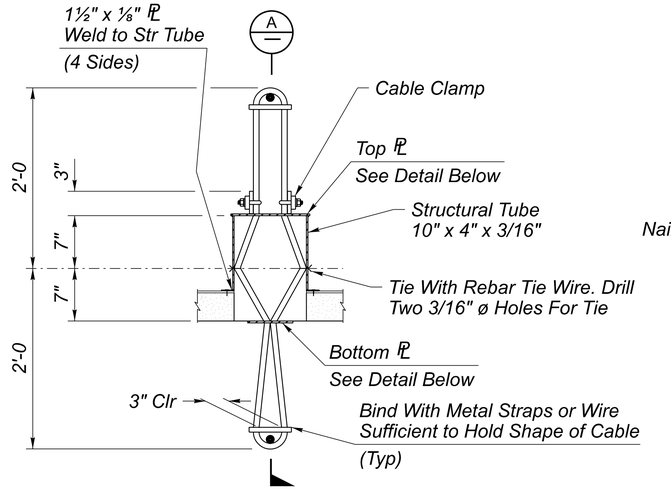
STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B-(230)T	430	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

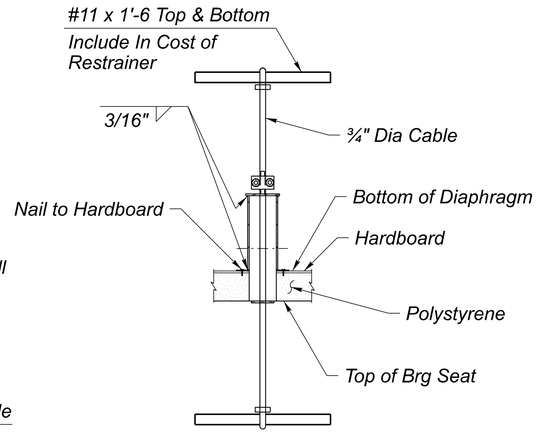
DWG No. S-1.11

TRACS NO. F0738 01C

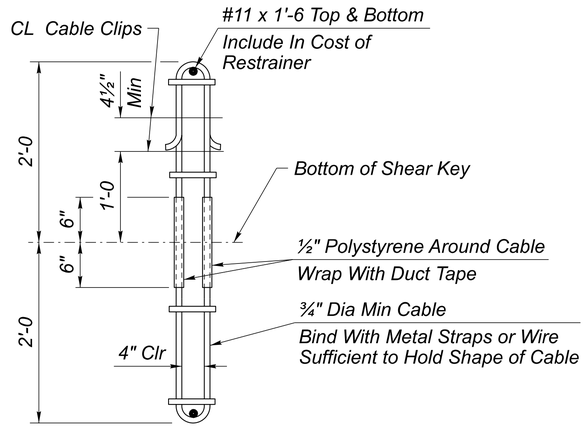
____ OF ____



ELEVATION
NTS

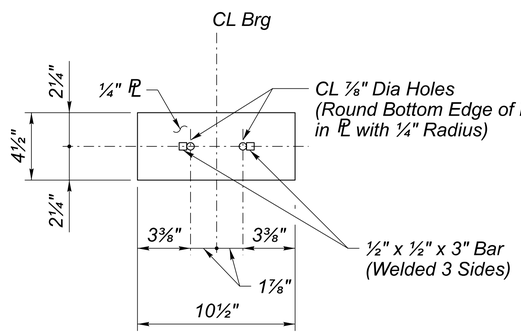


SECTION A
NTS

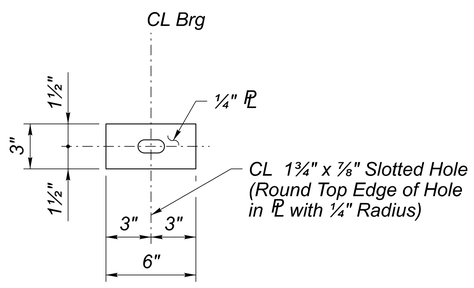


FIXED RESTRAINER DETAIL

Restrainer Cables shall be ¾" Dia preformed 6x19 galvanized with a minimum breaking strength of 42 kips. One sample of cable 3 feet in length shall be furnished to the Engineer for testing.

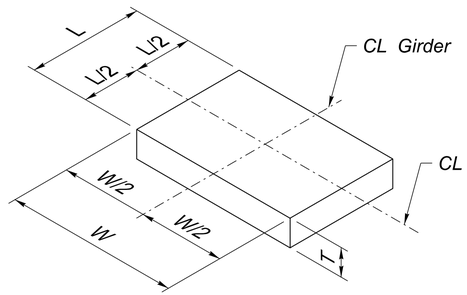


TOP PLATE
NTS



BOTTOM PLATE
NTS

EXPANSION RESTRAINER DETAIL



STEEL REINFORCED ELASTOMERIC BEARING PAD DETAIL

NTS

BEARING PAD DESIGN CRITERIA

Design Method A
Low Temperature Zone A
Elastomer Grade 0
130 psi Shear Modulus (Hardness 55)
Elastomeric Bearing Pads Shall Be
Steel Laminated Neoprene Pads

	T	L	W	Design Load
Abts	4"	12"	20"	212 kips
Piers	3"	10"	25"	267 kips

NOTES:

1. *Seal all openings in structural tube to prohibit concrete intrusion.*
2. *Restrainer Cables shall be ¾"ø preformed 6x19 galvanized with a minimum breaking strength of 42 kips. One sample of cable between 27 inches and 33 inches in length shall be furnished to the Engineer for testing.*

Registered Professional Engineer (Civil)
CERTIFICATE NO.
80073
MAXIME
NOCHE DOMINGANG
Date Signed: 06/26/26

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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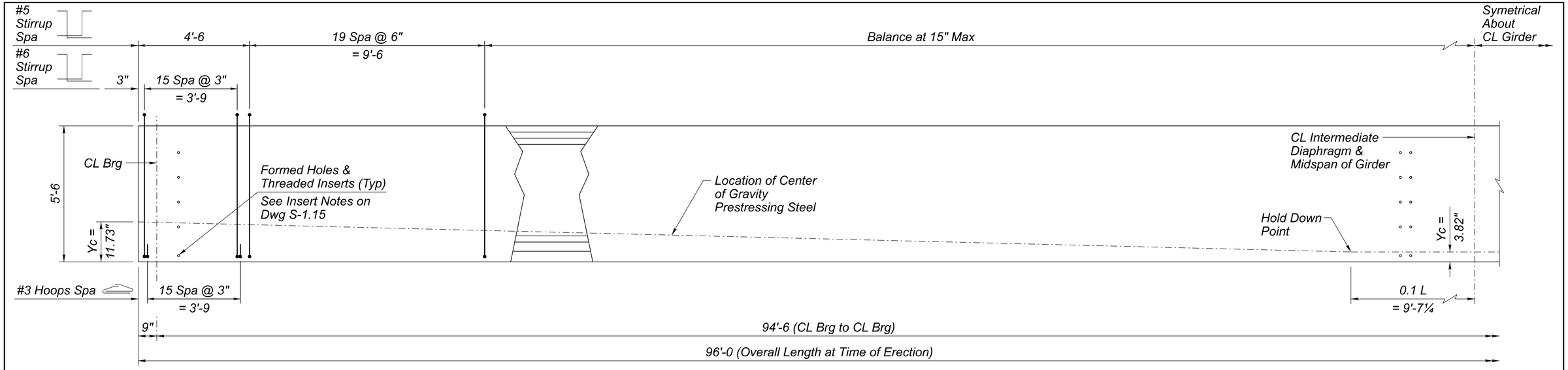
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
RESTRAINER & BEARING PAD DETAILS

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

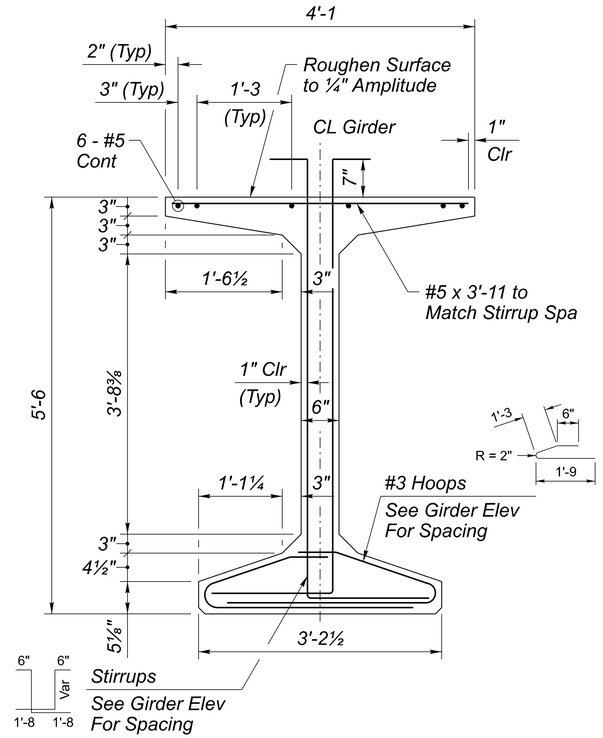
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	431	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. S-1.12
TRACS NO. F0738 01C
____ OF____



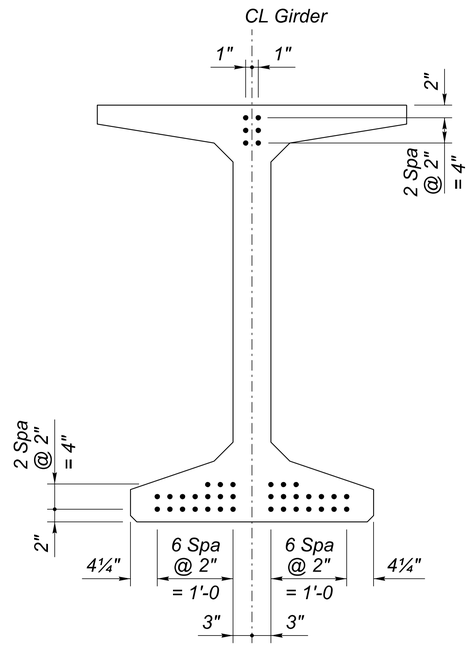
GIRDER ELEVATION AT SPAN 1 & 3

Scale: ½" = 1'-0

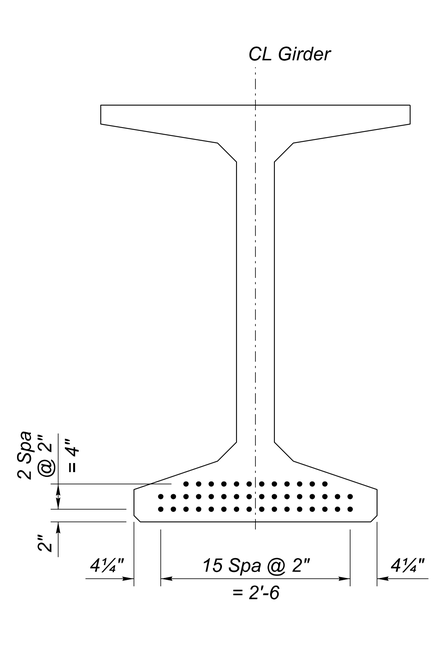


BT66 GIRDER

Scale: 1" = 1'-0



AT ENDS



AT MIDSPAN

STRAND PATTERN

Reinforcement Omitted For Clarity
Scale: 1" = 1'-0

SPAN 1 & 3 PRESTRESSING NOTES:

1. *44 (6 harped & 38 straight) 0.6 inch dia 7-wire low-relaxation strands.*
2. *See General Notes on Dwg S-1.02.*
3. *Pi = 1933.47 kips. Initial tension before losses.*

   Pw = 1532.36 kips. Working force remaining after all losses.

   f'ci = 7,000 psi minimum strength at transfer.

   f'c = 9,000 psi minimum strength at 28 days.
4. *All low-relaxation strands shall be stressed to 0.75 f_pu.*
5. *All girders shall be prestressed by the pretensioning method only.*
6. *Use of masked strands will not be allowed.*
7. *Yc = Distance to center of gravity of prestressing measured from bottom of girder.*
8. *Cut strands flush with concrete at abutment ends & coat with an approved bituminous material.*
9. *See Dwg S-1.16 for strand extensions at pier.*
10. *For release & initial deflections, see Dwg S-1.16.*
11. *Girder design utilizes transformed section properties of prestressing strands.*
12. *Tops of girders shall be roughened transversely with a roughness amplitude of ¼".*
13. *See Insert Detail on Dwg S-1.15 for insert locations.*

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMINGANG Date Signed 06/19/26

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
GIRDER DETAILS (1 OF 4)

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

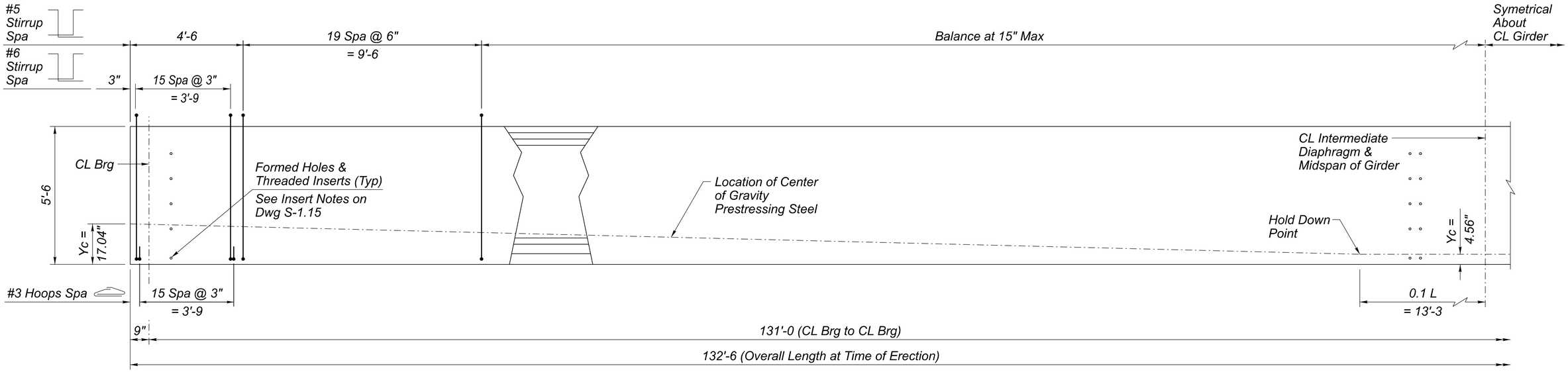
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	432	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

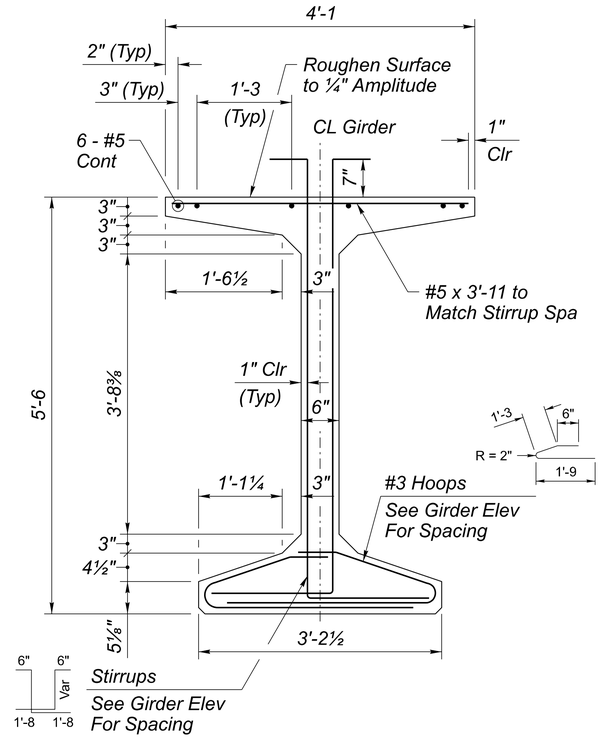
DWG No. S-1.13

____ OF ____



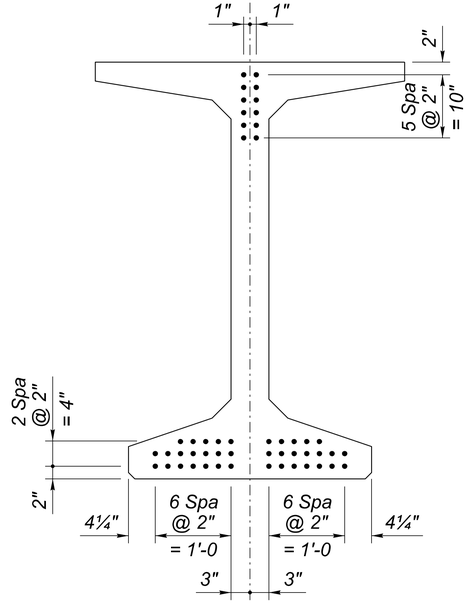
GIRDER ELEVATION AT SPAN 2

Scale: ½" = 1'-0

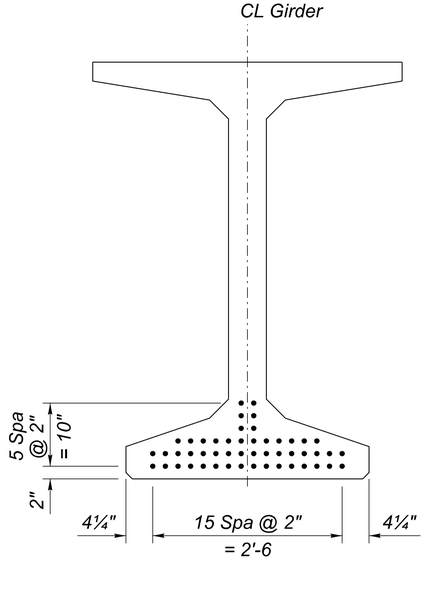


BT66 GIRDER

Scale: 1" = 1'-0



AT ENDS



AT MIDSPAN

STRAND PATTERN

Reinforcement Omitted For Clarity
Scale: 1" = 1'-0

SPAN 2 PRESTRESSING NOTES:

1. *50 (12 harped & 38 straight) 0.6 inch dia 7-wire low-relaxation strands.*
2. *See General Notes on Dwg S-1.02.*
3. *Pi = 2197.13 kips. Initial tension before losses.*

   Pw = 1787.21 kips. Working force remaining after all losses.

   f'ci = 7,000 psi minimum strength at transfer.

   f'c = 9,000 psi minimum strength at 28 days.
4. *All low-relaxation strands shall be stressed to 0.75 f_pu.*
5. *All girders shall be prestressed by the pretensioning method only.*
6. *Use of masked strands will not be allowed.*
7. *Yc = Distance to center of gravity of prestressing measured from bottom of girder.*
8. *Cut strands flush with concrete at abutment ends & coat with an approved bituminous material.*
9. *See Dwg S-1.16 for strand extensions at pier.*
10. *For release & initial deflections, see Dwg S-1.16.*
11. *Girder design utilizes transformed section properties of prestressing strands.*
12. *Tops of girders shall be roughened transversely with a roughness amplitude of ¼".*
13. *See Insert Detail on Dwg S-1.15 for insert locations.*

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMINGANG Date Signed 06/19/26

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
GIRDER DETAILS (2 OF 4)

ROUTE	US 93
MILEPOST	192.90
STRUCTURE NO.	20313

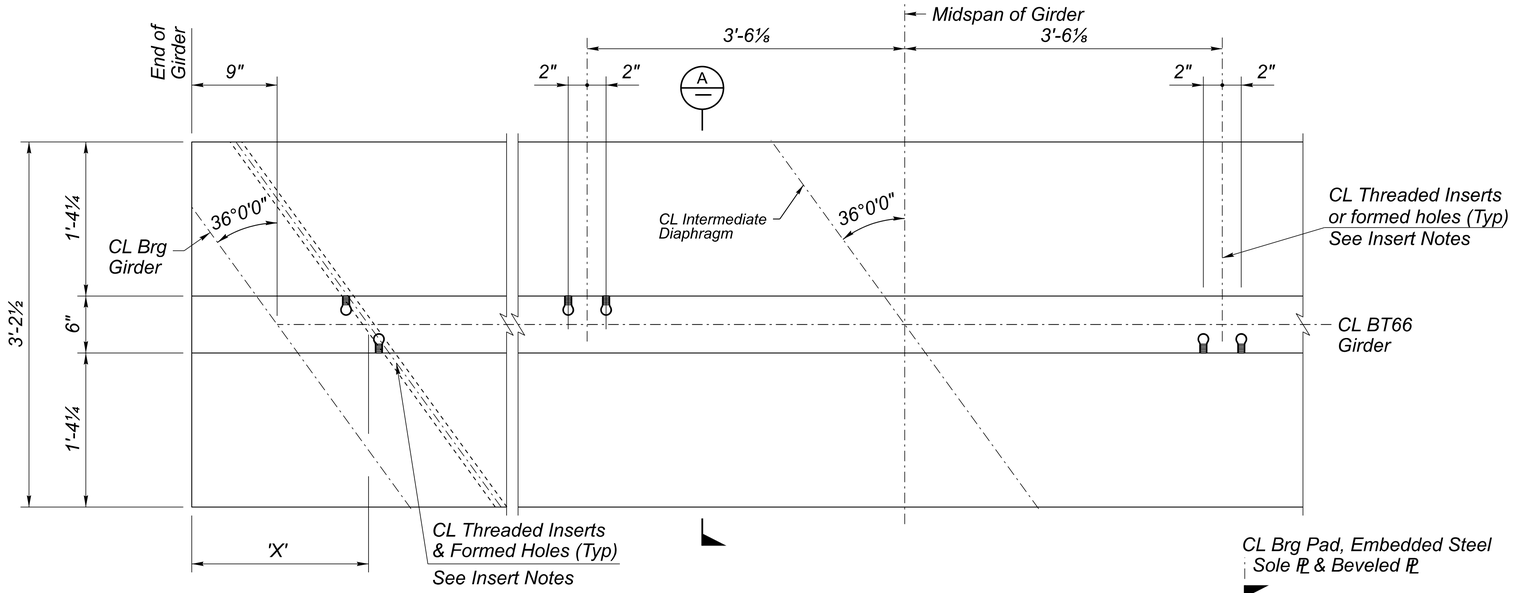
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	433	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. S-1.14

____ OF ____

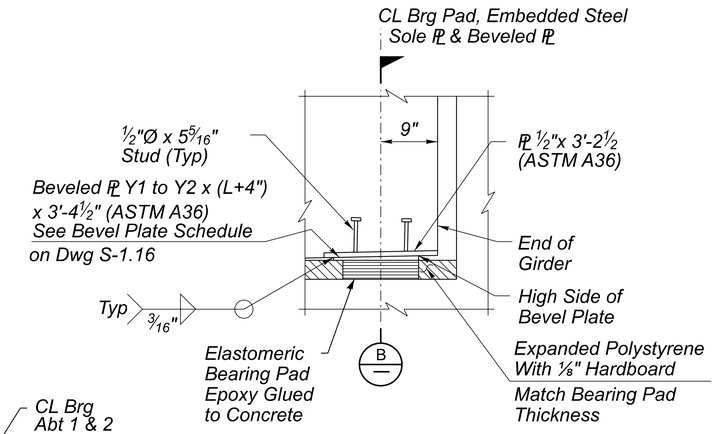


INSERT DETAIL

Scale: 1½" = 1'-0

INSERT & FORMED HOLE NOTES:

1. *Threaded inserts are ferrule loop inserts for #5 reinforcing bars threaded on end. Inserts shall have a 10,800 lb ultimate pullout strength.*
2. *Threaded inserts shall be placed normal to girder surface.*
3. *Cost of threaded inserts & threaded bars shall be included in the bid item for prestressed girders.*
4. *Omit bottom flange formed holes at intermediate diaphragms.*



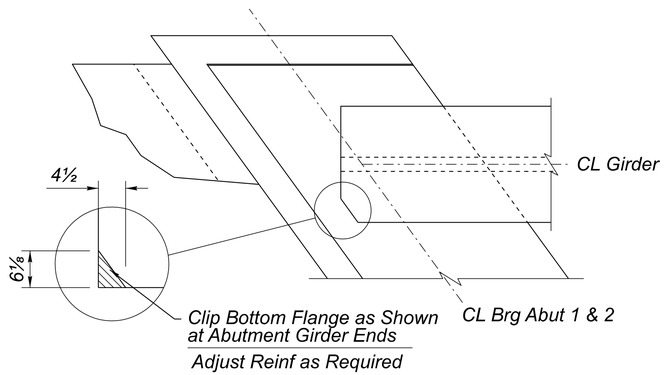
GIRDER SHIM DETAIL

NTS



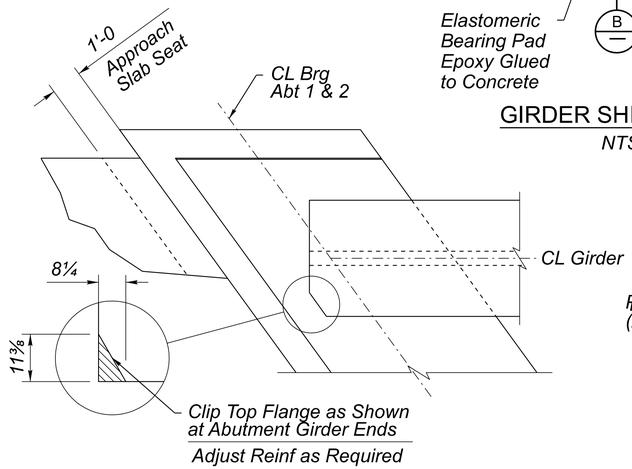
SECTION A

Scale: 1½" = 1'-0



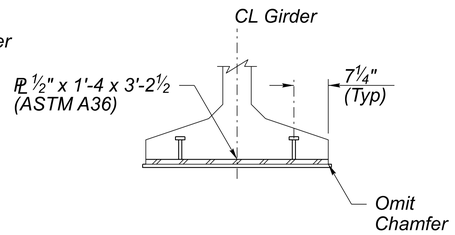
BOTTOM FLANGE CLIP DETAIL

Scale: ⅜" = 1'-0



TOP FLANGE CLIP DETAIL

Scale: ⅜" = 1'-0



SECTION B

NTS

INSERT TABLE (ABT & PIER DIAPHRAGMS)	
Location	*'X'*
Abt 1	*3'-3⅜*
Pier 1	*2'-1⅛*
Pier 2	*2'-1⅛*
Abt 2	*3'-3⅜*

NOTE:

'X' is measured parallel to the girder CL.

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMINGANG Date Signed 06/26/26

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
GIRDER DETAILS (3 OF 4)

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

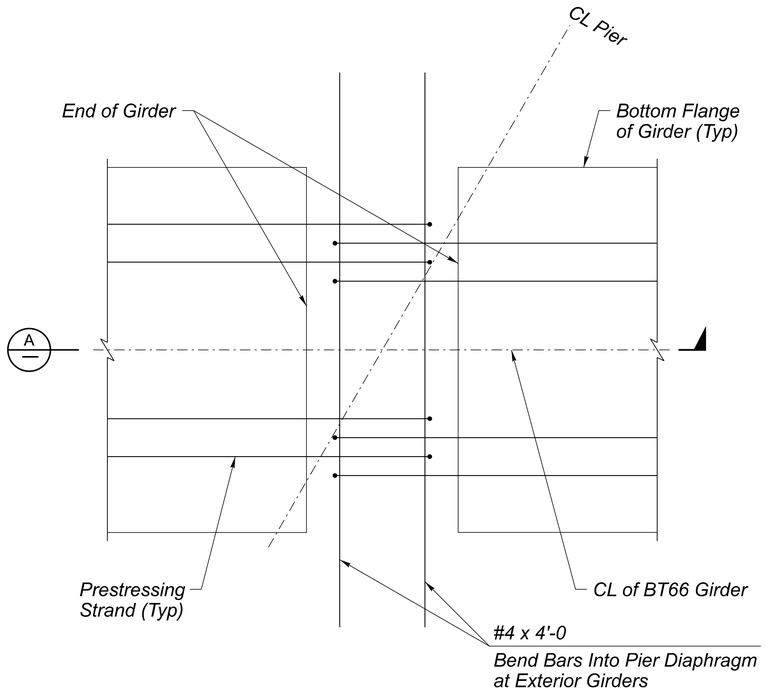
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	434	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. S-1.15

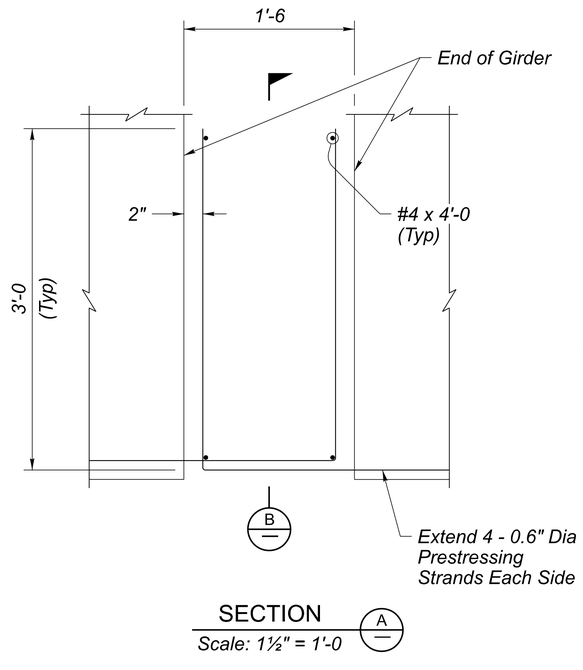
TRACS NO. F0738 01C

____ OF____



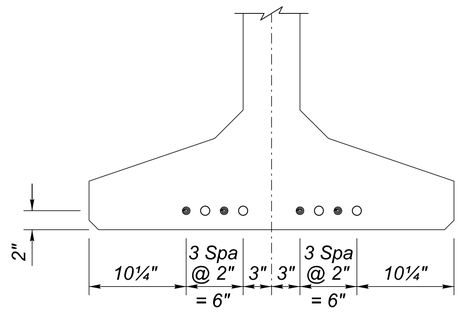
TYPICAL END OF GIRDER PLAN AT PIER

Scale: 1½" = 1'-0



SECTION

Scale: 1½" = 1'-0



SECTION

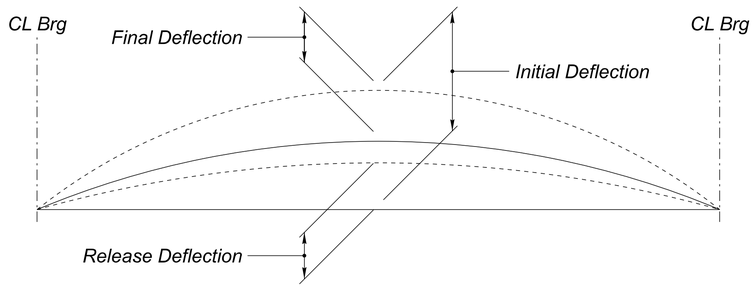
Scale: 1½" = 1'-0

GIRDER STRAND EXTENSION LEGEND

- *Extended Strands*
- *Extended Strands for Opposite Girder*

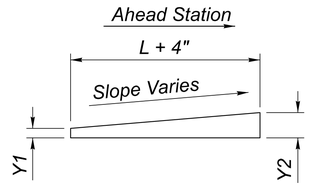
NOTE:

Extend 4 - 0.6" diameter prestressing strands from end of girder at pier. Bend strands into pier diaphragm at exterior girders. Bend strands to line up between opposing strands of opposite girders. Extended strands at exterior girders shall be rotated to maintain concrete cover.



DEFLECTION DIAGRAM

NTS



BEVELED PLATE DETAIL

NTS

BEVELED PLATE NOTES:

1. *Beveled plate shall be placed centered on the bearing & girder.*
2. *See Dwg S-1.12 for "L" Dimension.*

DEFLECTIONS (ft)

Location		0.1	02	0.3	0.4	0.5	0.6	0.7	0.8	0.9
Spans 1 & 3	Release (Up)	0.067	0.118	0.154	0.174	0.182	0.174	0.154	0.118	0.067
Span 2	Release (Up)	0.105	0.184	0.239	0.268	0.280	0.268	0.239	0.184	0.105
Spans 1 & 3	Initial (Up)	0.119	0.210	0.274	0.311	0.324	0.311	0.274	0.210	0.119
Span 2	Initial (Up)	0.186	0.326	0.422	0.474	0.495	0.474	0.422	0.326	0.186
Spans 1 & 3	Final (Down)	0.018	0.035	0.048	0.056	0.059	0.056	0.048	0.035	0.018
Span 2	Final (Down)	0.066	0.128	0.176	0.205	0.215	0.205	0.176	0.128	0.066

BEVELED PLATE SCHEDULE

Location	Dim Y1	Dim Y2
Abut 1 - Span 1	3/4"	1 1/8"
Pier 1 - Span 1	15/16"	3/4"
Pier 1 - Span 2	3/4"	15/16"
Pier 2 - Span 2	7/8"	3/4"
Pier 2 - Span 3	3/4"	7/8"
Abut 2 - Span 3	-	-

DEFLECTION NOTES:

1. *Release Deflection equals the deflection that the prestressed girder undergoes at the time of strand release. The Release Deflection Includes the dead load of the girder & the release prestressing force (including the effects of elastic shortening).*
2. *See Screed Elevation Notes on Dwg S-1.24.*
3. *Initial Deflection equals the deflection the prestressed girder undergoes at the time of erection prior to the diaphragm or deck pours. The Initial Deflection Includes the deflection due to the dead load of the girder, the initial prestressing & the effects of creep up to the time of erection. (Assumed at 60 days after release).*
4. *Final Deflection equals the immediate downward deflection due to the dead load of the deck slab, diaphragms & barriers plus the effects of long-term creep on the composite girders.*

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMNGANG Date Signed 06/17/26

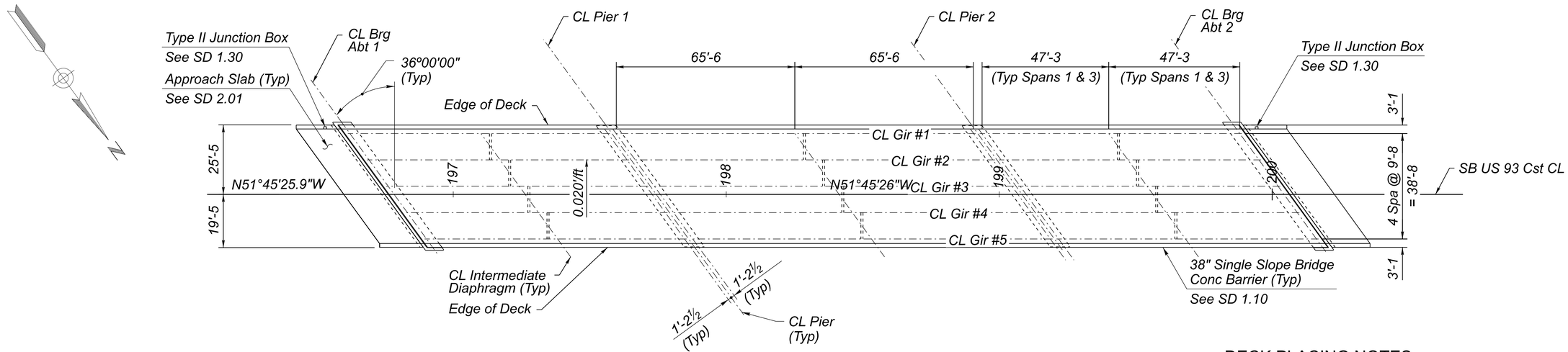
	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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BRIDGE GROUP

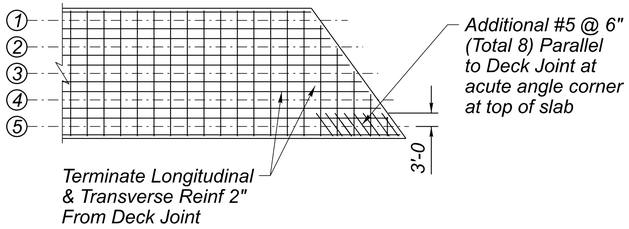
US 93 SB BNSF OP BRIDGE
GIRDER DETAILS (4 OF 4)

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B-(230)T	435	524	
MILEPOST 192.90	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No.	S-1.16
STRUCTURE NO. 20313	TRACS NO. F0738 01C						____ OF____



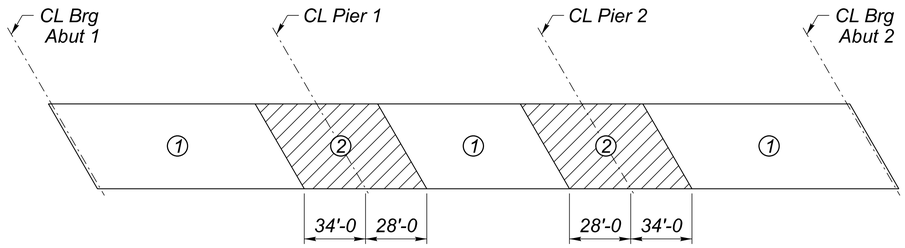
FRAMING PLAN

Scale: 1" = 30'-0



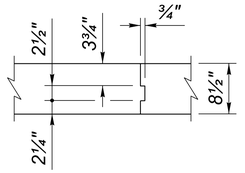
PLAN AT END OF DECK

NTS



DECK POUR SEQUENCE PLAN

NTS



KEYED CONSTRUCTION JOINT DETAIL

NTS

DECK PLACING NOTES:

1. *Intermediate diaphragms & abutment diaphragms shall be poured a minimum of 12 hours prior to the deck pour.*
2. *Pier diaphragms shall be poured concurrent with the deck pour.*
3. *Longitudinal construction joints shall not be permitted except as approved by the Engineer.*
4. *Transverse construction joints shall be located in accordance with the "DECK POUR SEQUENCE PLAN".*
5. *Reinforcing shall be continuous through construction joints.*
6. *Construction joints shall be clean & free of laitance prior to placing adjacent concrete.*
7. *Numbers ① & ② indicate the placing sequence of deck concrete. Place section ② a minimum of 12 hours after the adjacent sections ① have been placed.*
8. *Sections ① & ② may be placed consecutively, but only in the direction from ① to ② & a minimum of 12 hours after the first section ① has been placed.*
9. *The contractor shall submit a deck pour schedule to the Engineer for approval prior to placing concrete.*
10. *Alternate pouring sequences require the Engineer's approval & shall be at no additional cost to the Department.*

GIRDER BRACING NOTE:

The contractor shall provide temporary bracing for the girders immediately after erection to ensure that they remain stable until the permanent intermediate diaphragms are constructed. The temporary bracing must remain in place until the intermediate diaphragms are poured & the concrete has reached the required 28 day strength. The cost of temporary bracing shall be incidental to the cost of the girders.

Registered Professional Engineer (Civil)
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MAXIME
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Date Signed 06/26/25

	NAME	DATE
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
FRAMING PLAN

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

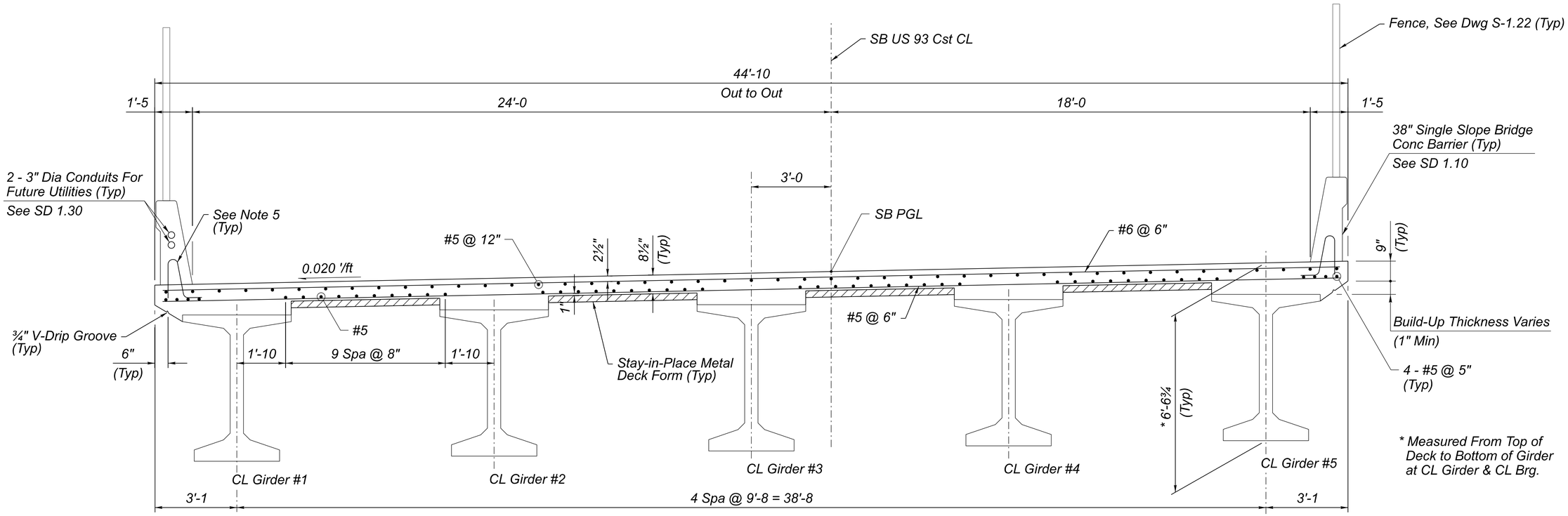
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	436	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. S-1.17

TRACS NO. F0738 01C

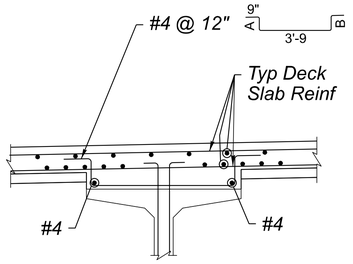
____ OF____



* Measured From Top of Deck to Bottom of Girder at CL Girder & CL Brg.

TYPICAL SECTION THRU DECK

Scale: ½" = 1'-0

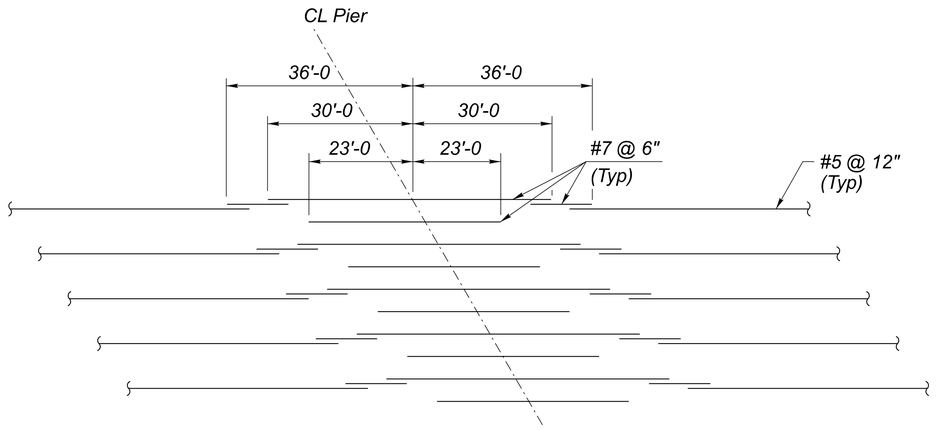


NOTES:

1. *Build-up reinforcing is required where the build-up exceeds 4" at Girder Centerline.*
2. *A = High Side Build-up plus 2"*
   B = Low Side Build-up plus 2".

BUILT-UP REINFORCING DETAIL

Scale: ¾" = 1'-0



PARTIAL DECK TOP LONGITUDINAL REINFORCING PLAN

NTS

NOTES:

1. *All continuous horizontal bars in deck, diaphragms, single slope barrier, excluding transverse bars in the deck slab, may be spliced where required with minimum lap length as specified:*

   #4 bars 1'-9
   #5 bars 2'-2
   #6 bars 2'-7
   #7 bars 3'-2

2. *Transverse deck reinforcing splices where required shall be:*

   Top Bars: 2'-0 minimum lap at centerline of interior bay.
   Bottom Bars: 2'-0 minimum lap at centerline of girder.

3. *Bars shall not be spliced within the required lap length of the adjacent bars.*
4. *Transverse deck reinforcing shall be placed perpendicular to the girder centerlines.*
5. *See SD 1.10 for details. These bars are included in the linear foot cost of the 38" Single Slope Bridge Concrete Barrier.*

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMNGANG Date Signed 06/26/26 Arizona, U.S.A.

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
DECK DETAILS

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

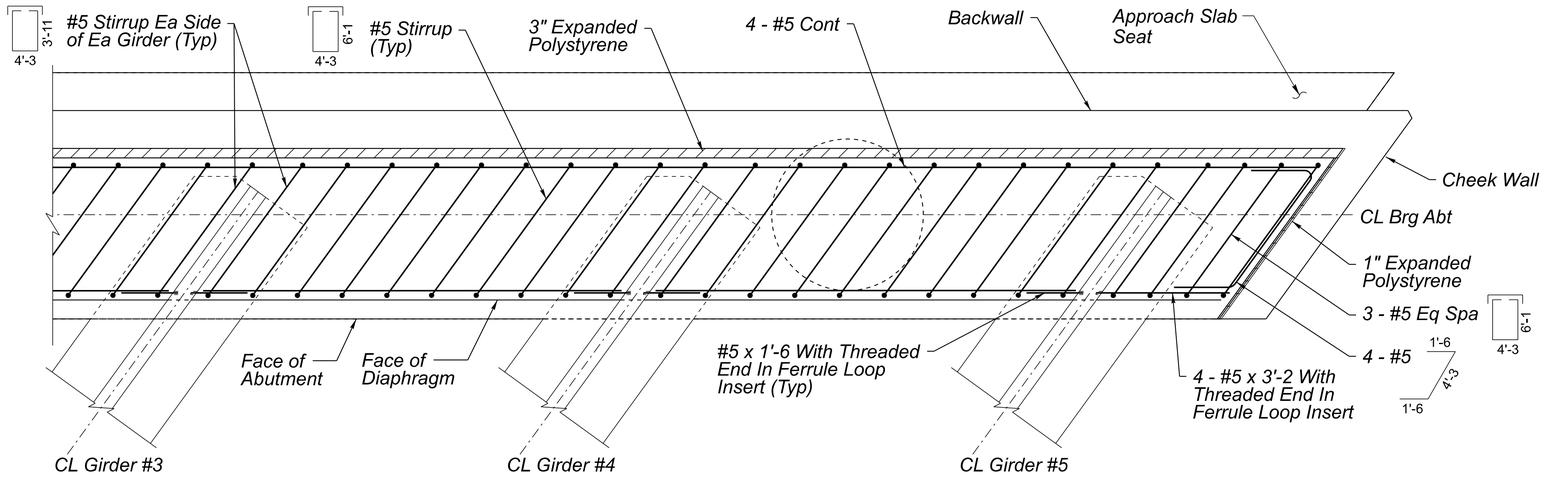
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	437	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. S-1.18

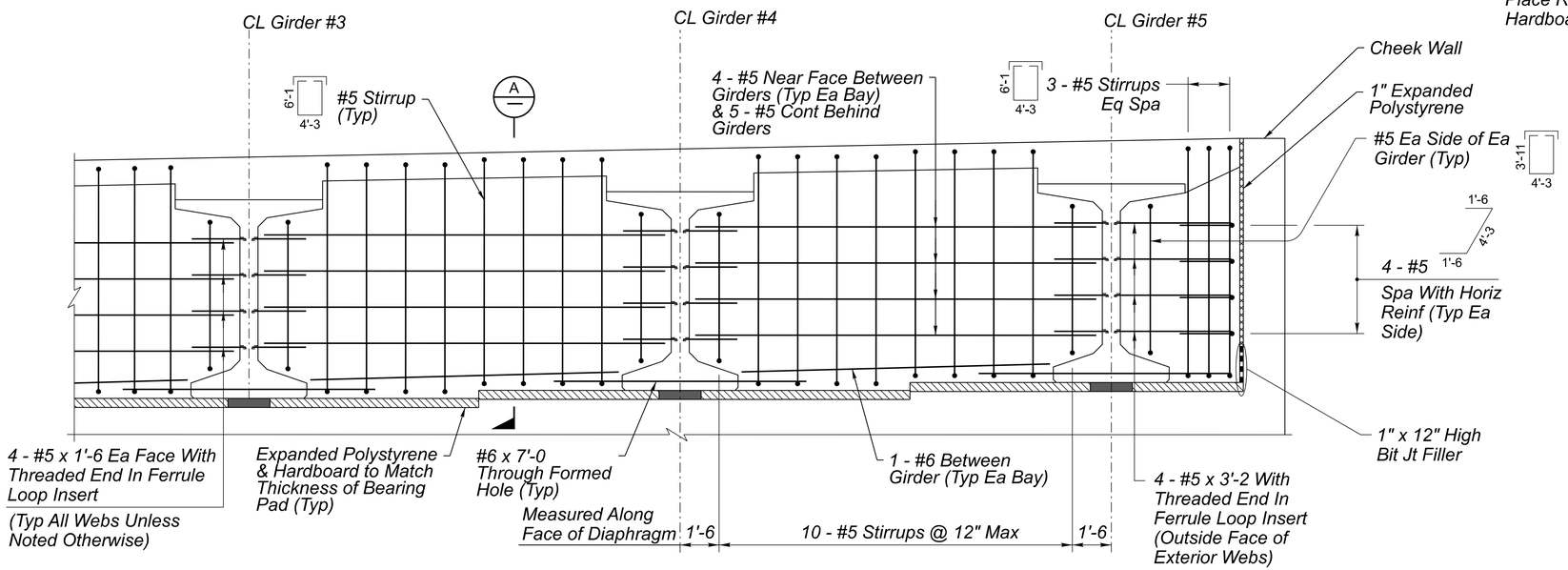
TRACS NO. F0738 01C

____ OF____



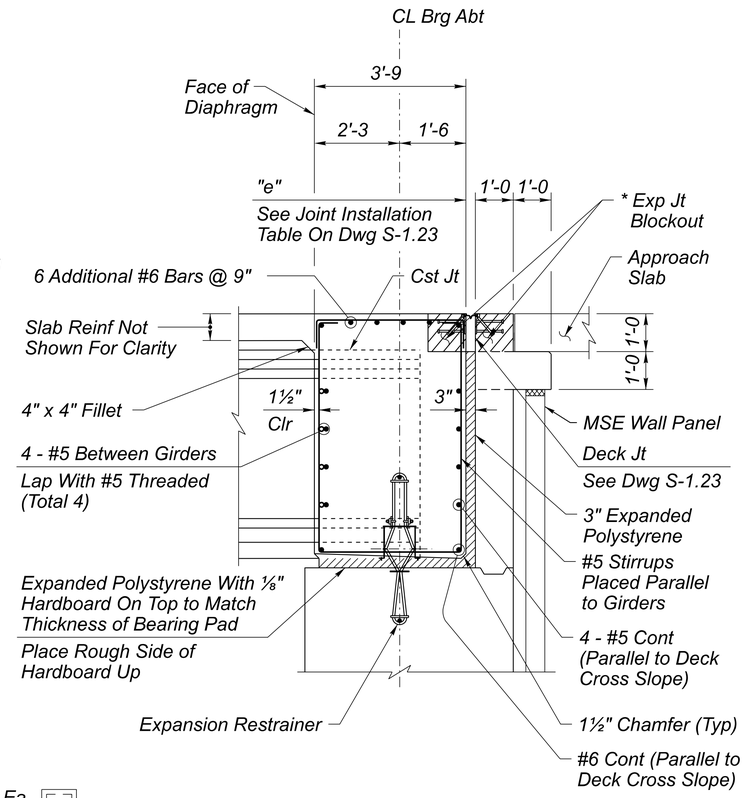
ABUTMENT DIAPHRAGM PLAN

Abutment 2 Shown, Abutment 1 Similar
Scale: ½" = 1'-0



ABUTMENT DIAPHRAGM ELEVATION

Abutment 2 Shown, Abutment 1 Similar
Scale: ½" = 1'-0



SECTION A

Scale: ½" = 1'-0

** Use Only 4500 psi Concrete After Installation of Expansion Jt. (See Expansion Joint Notes on Dwg S-1.23)*

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMNGANG City, Engineer 08/07/26

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
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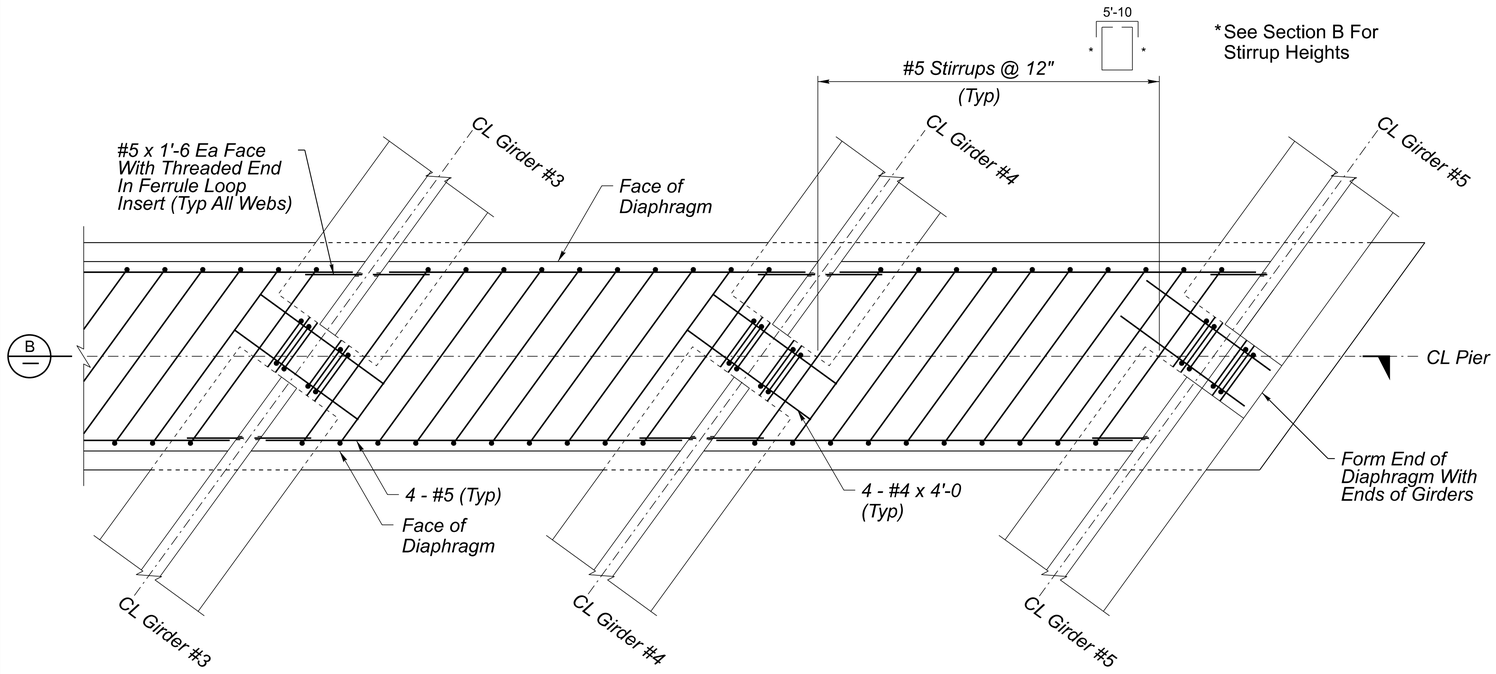
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
ABUTMENT DIAPHRAGM DETAILS

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

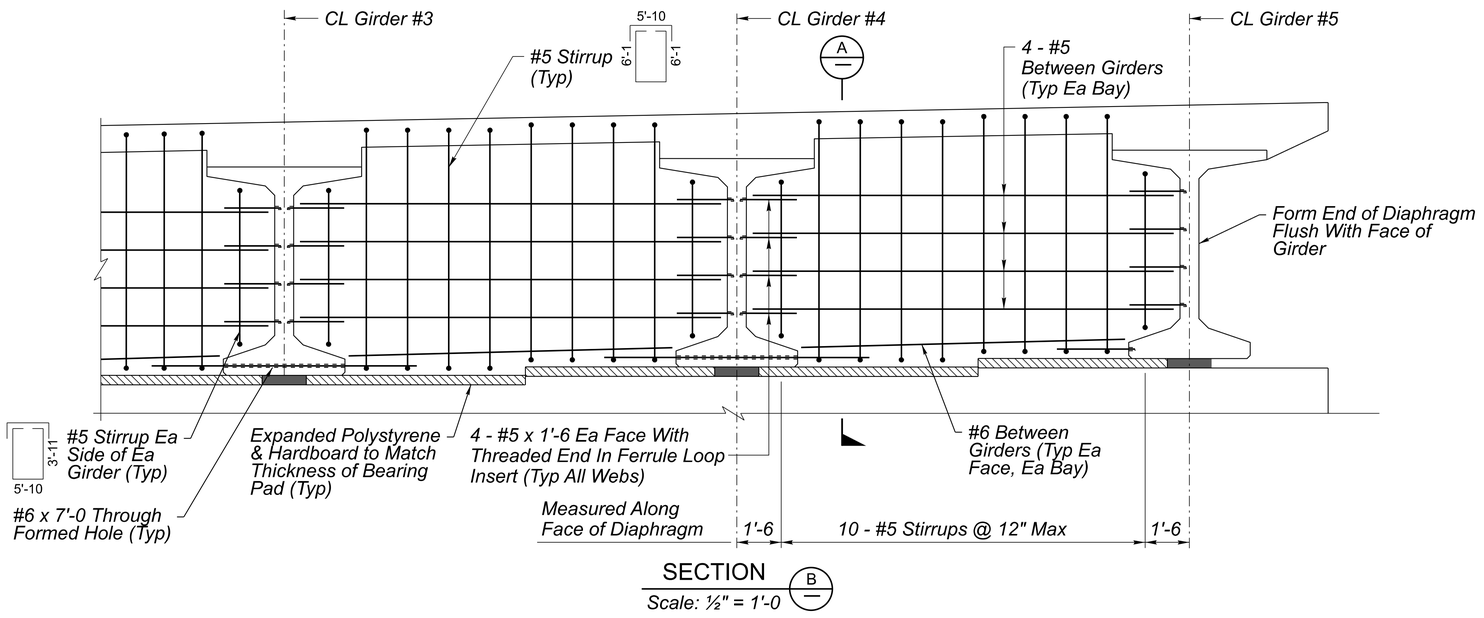
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	438	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. S-1.19
TRACS NO. F0738 01C
____ OF____



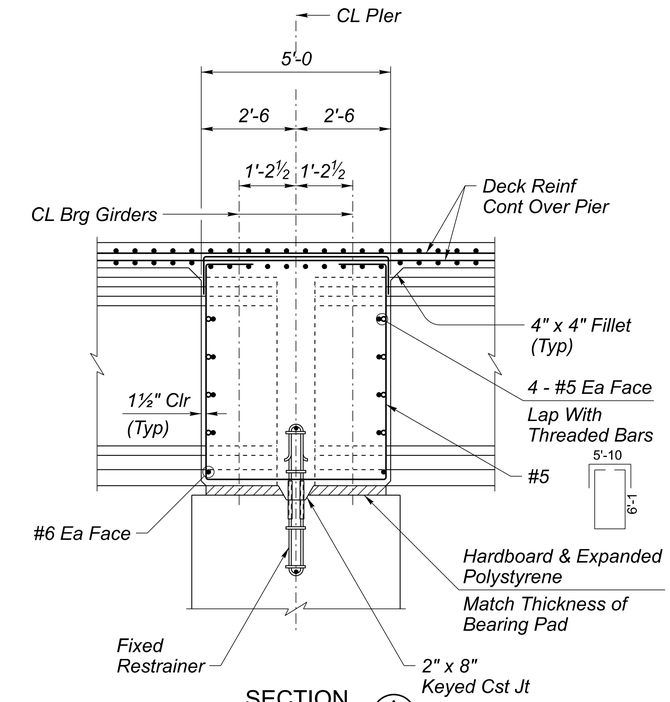
PIER DIAPHRAGM PLAN

Scale: ½" = 1'-0



SECTION B

Scale: ½" = 1'-0



SECTION A

Scale: ½" = 1'-0

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMNGANG State of Arizona

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
PIER DIAPHRAGM DETAILS

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

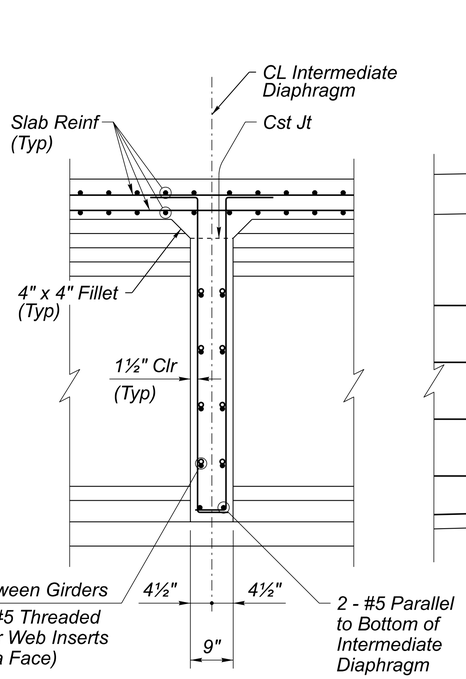
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	439	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

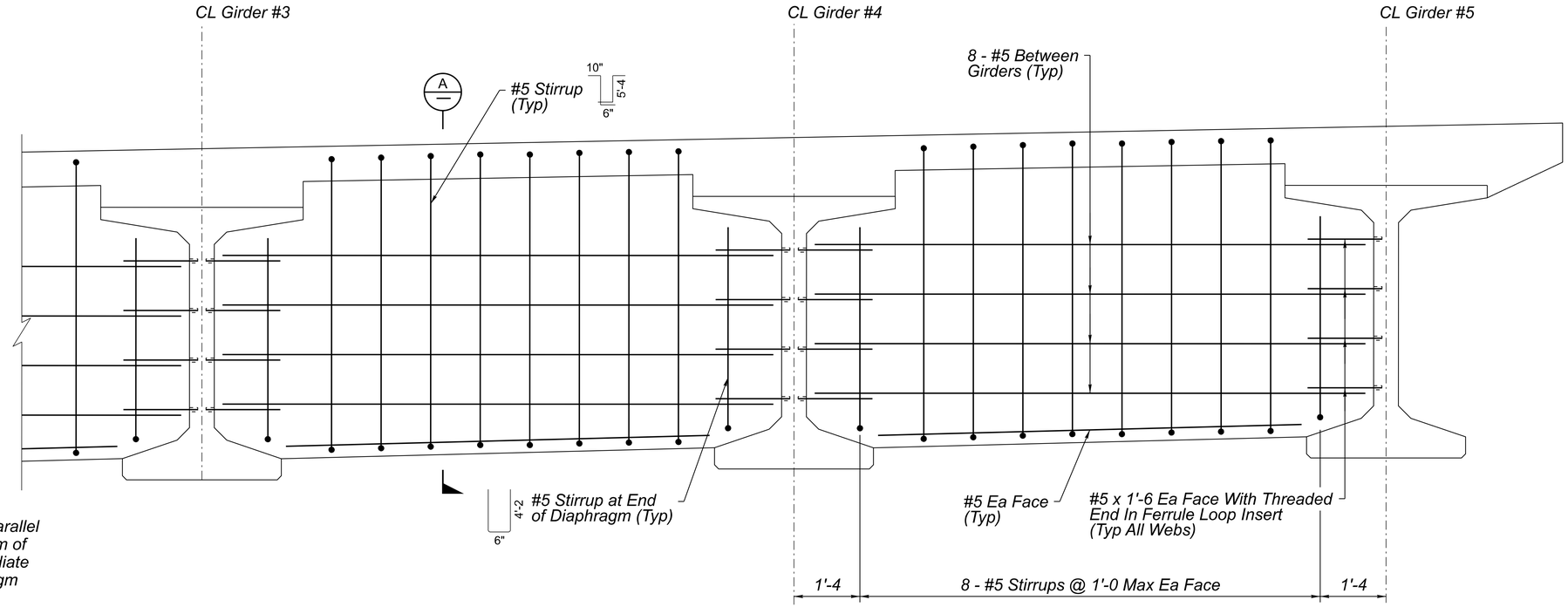
DWG No. S-1.20

TRACS NO. F0738 01C

____ OF ____



SECTION A
Scale: ¾" = 1'-0



INTERMEDIATE DIAPHRAGM ELEVATION
Scale: ¾" = 1'-0

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMNGANG Date Signed 06/10/26

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
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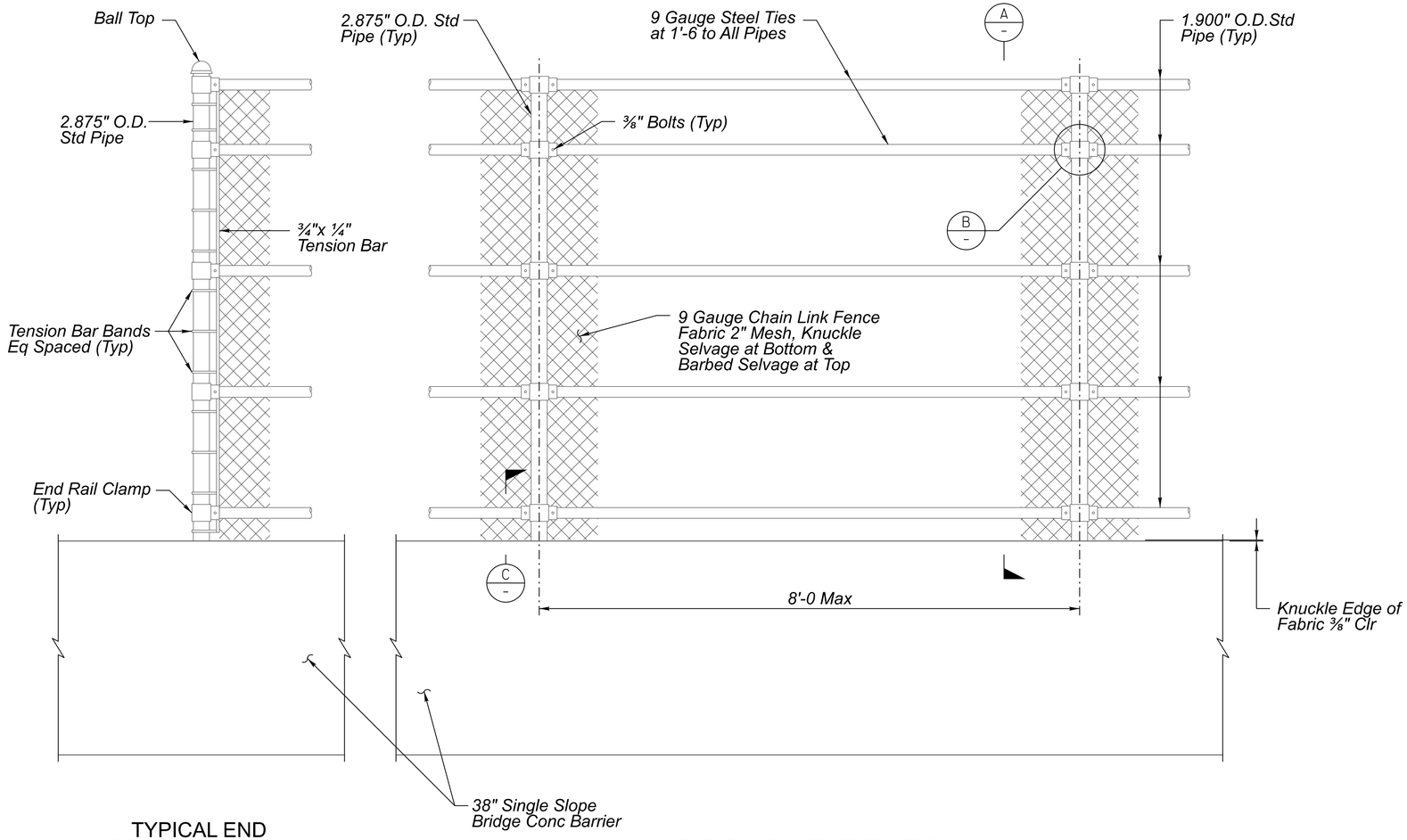
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
INTERMEDIATE DIAPHRAGM DETAILS

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

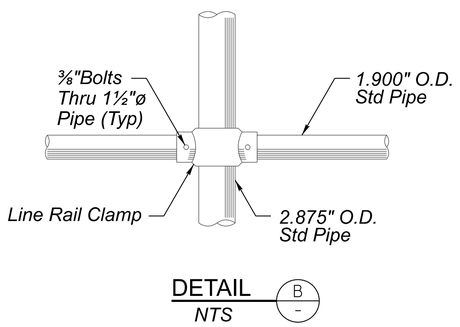
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	440	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. S-1.21
TRACS NO. F0738 01C
____ OF____



TYPICAL END POST ELEVATION

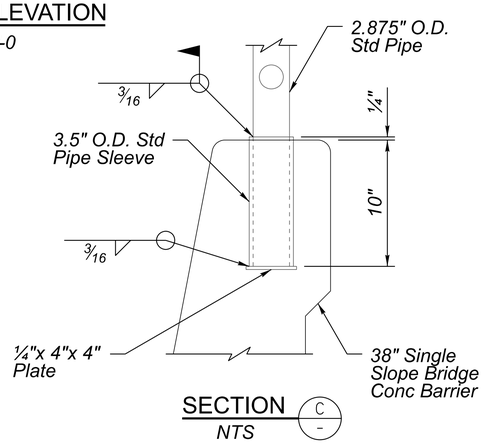
Scale: 1" = 1'-0



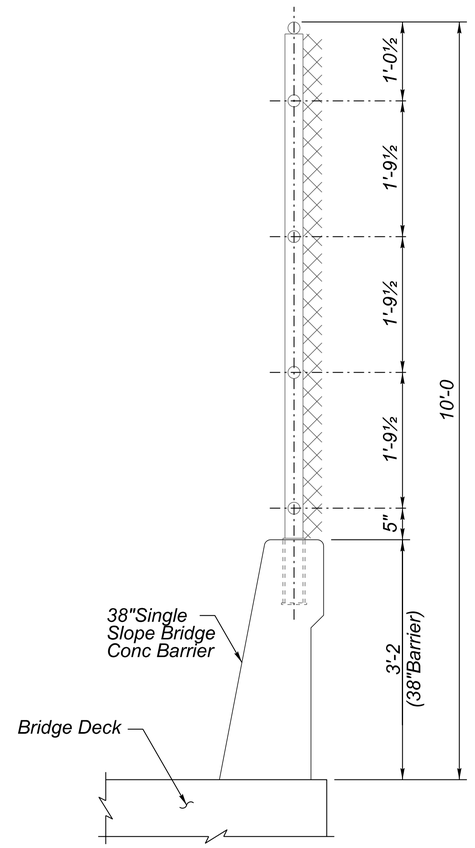
DETAIL B
NTS

TYPICAL PANEL ELEVATION

Scale: 1" = 1'-0



SECTION C
NTS



SECTION A
Scale: 1" = 1'-0

NOTES:

1. *Chain link fence fabric, posts, fittings & hardware shall conform to AASHTO M181 - Grade I or Grade II. The zinc coated fabric shall be Class C or D.*
2. *All galvanizing that has been damaged in handling, transporting or welding shall be repaired by the application of a paste compound of an approved zinc powder & flux.*
3. *All exposed edges shall be ground smooth.*
4. *All bolt heads shall be installed on the roadway side.*
5. *Fence fabric shall be installed on the outside.*
6. *All welding shall conform to the requirements of the American Welding Society, ANSI/AASHTO/AWS D1.5 Bridge Welding Code, latest edition.*

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMNGANG Date Signed: 06/26/25

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
FENCE DETAILS

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

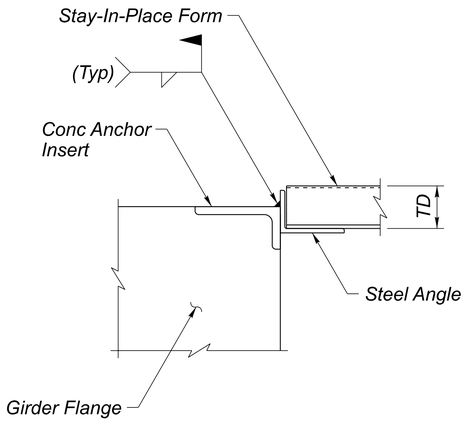
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	441	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. S-1.22

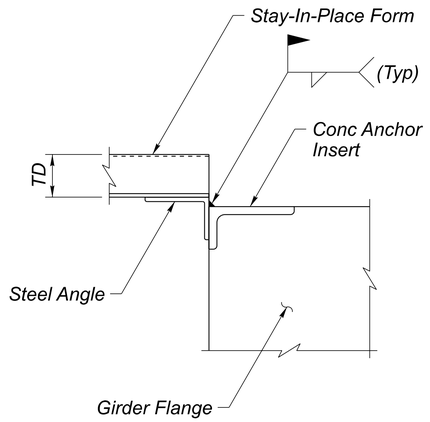
TRACS NO. F0738 01C

____ OF____



STAY-IN-PLACE FORM

(Build-Up < TD)
NTS



STAY-IN-PLACE FORM

(Build-Up > TD)
NTS

STAY-IN-PLACE DECK FORM NOTES:

1. *Stay-in-place metal deck forms shall be used.*

2. *The elevation at the top of the girders shall be measured after erection of the girders & prior to placement of the deck forms.*

3. *The stay-in-place deck form manufacturer shall determine the sizes of all fasteners, welds, steel angles, concrete anchor inserts, welded anchors, etc. to support the required loads, including construction loads. The contractor shall submit fastening methods subject to the approval of the Engineer. Steel deck forms & supports shall be 18 gage minimum.*

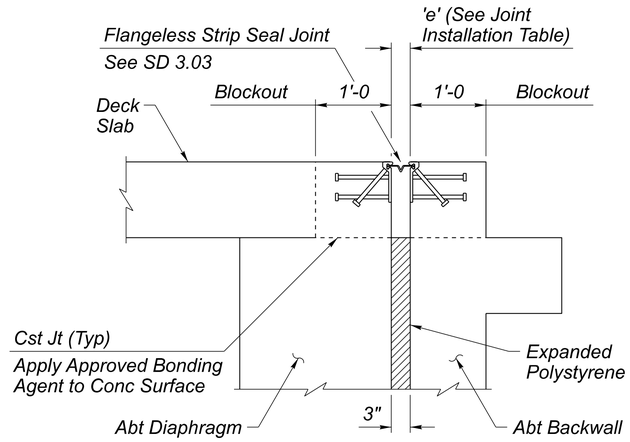
4. *The concrete anchor inserts may be cast with the girder to accommodate the use of stay-in-place forms. Alternate methods of support will be considered provided the detail is adequate to support the loads, prevent leakage & allow adjustment for the varying build-up to maintain a constant deck thickness. The deck panels & angles shall be galvanized in accordance with ASTM A123.*

5. *The contractor shall submit shop drawings showing details of the stay-in-place deck forms including the method of installation, fastening system, design calculations (including forms & fasteners) to the Bridge Engineer for approval. The deck form submittal must be made simultaneously with the precast girder shop drawings to ensure coordination between the girder fabrication & the stay-in-place deck form design. Stay-in-place deck form details & design calculations shall be sealed by a Professional Engineer licensed in the State of Arizona.*

6. *The contractor shall use due care in the placement of the girders to ensure a constant distance is maintained between girder flanges.*

7. *The cost of stay-in-place forms is incidental to the cost of superstructure concrete.*

8. *The bridge design has an assumed dead load of 15 psf for the stay-in-place deck forms & the additional concrete. This dead load is applied to the clear area between girders (form area).*



DECK JOINT DETAIL AT ABUTMENTS

Scale: 1" = 1'-0

JOINT INSTALLATION TABLE ABUTMENTS M.R. = 1.14"	
Temperature °F	*Opening Width 'e'*
35	*3⅜"*
45	*3¼"*
55	*3¼"*
65	*3⅛"*
75	*3"*
85	*2⅞"*
95	*2¾"*
105	*2¾"*

Registered Professional Engineer, Arizona
CERTIFICATE NO.
80073
MAXIME
NOCHE DOMNGANG
Date Signed 06/26/26
Not Valid Without Signature and Date

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
MISCELLANEOUS DETAILS

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B-(230)T	442	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

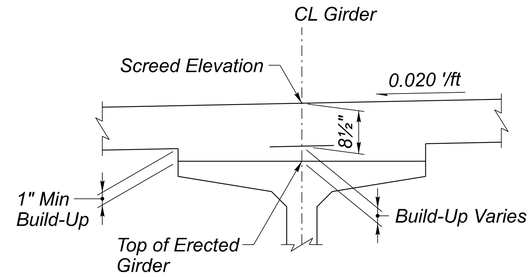
DWG No. S-1.23

____ OF ____

SCREED ELEVATIONS - SB SPAN 1											
	CL Brg Abt 1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	CL Brg Pier 1
Lt Edge of Deck	2481.68	2481.88	2482.07	2482.25	2482.43	2482.59	2482.75	2482.90	2483.04	2483.17	2483.29
Girder #1	2481.79	2481.98	2482.17	2482.36	2482.53	2482.69	2482.85	2483.00	2483.13	2483.26	2483.39
Girder #2	2482.11	2482.30	2482.49	2482.67	2482.84	2483.01	2483.16	2483.30	2483.44	2483.56	2483.69
Girder #3	2482.44	2482.63	2482.81	2482.99	2483.16	2483.31	2483.46	2483.60	2483.74	2483.86	2483.98
SB Cst CL & PGL	2482.54	2482.72	2482.91	2483.08	2483.25	2483.41	2483.56	2483.70	2483.83	2483.95	2484.07
Girder #4	2482.76	2482.94	2483.13	2483.30	2483.47	2483.62	2483.77	2483.91	2484.04	2484.16	2484.27
Girder #5	2483.08	2483.26	2483.44	2483.61	2483.77	2483.93	2484.07	2484.21	2484.33	2484.45	2484.57
Rt Edge of Deck	2483.18	2483.36	2483.54	2483.71	2483.87	2484.02	2484.17	2484.30	2484.43	2484.54	2484.66

SCREED ELEVATIONS - SB SPAN 2											
	CL Brg Pier 1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	CL Brg Pier 2
Lt Edge of Deck	2483.34	2483.60	2483.84	2484.07	2484.27	2484.44	2484.59	2484.70	2484.80	2484.87	2484.93
Girder #1	2483.43	2483.69	2483.94	2484.16	2484.36	2484.53	2484.67	2484.79	2484.88	2484.95	2485.01
Girder #2	2483.73	2483.98	2484.22	2484.44	2484.64	2484.81	2484.95	2485.06	2485.15	2485.22	2485.27
Girder #3	2484.02	2484.27	2484.51	2484.73	2484.92	2485.08	2485.22	2485.33	2485.41	2485.47	2485.53
SB Cst CL & PGL	2484.11	2484.36	2484.60	2484.81	2485.00	2485.17	2485.30	2485.41	2485.49	2485.55	2485.60
Girder #4	2484.32	2484.56	2484.80	2485.01	2485.19	2485.35	2485.49	2485.59	2485.67	2485.73	2485.78
Girder #5	2484.61	2484.85	2485.08	2485.29	2485.47	2485.62	2485.75	2485.86	2485.93	2485.99	2486.03
Rt Edge of Deck	2484.70	2484.94	2485.17	2485.37	2485.56	2485.71	2485.84	2485.94	2486.01	2486.07	2486.11

SCREED ELEVATIONS - SB SPAN 3											
	CL Brg Pier 2	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	CL Brg Abt 2
Lt Edge of Deck	2484.96	2485.06	2485.16	2485.25	2485.33	2485.41	2485.47	2485.53	2485.57	2485.61	2485.65
Girder #1	2485.04	2485.14	2485.24	2485.33	2485.41	2485.49	2485.55	2485.60	2485.65	2485.69	2485.72
Girder #2	2485.30	2485.40	2485.49	2485.58	2485.66	2485.73	2485.79	2485.84	2485.88	2485.92	2485.95
Girder #3	2485.55	2485.65	2485.74	2485.83	2485.90	2485.97	2486.03	2486.08	2486.11	2486.15	2486.17
SB Cst CL & PGL	2485.63	2485.73	2485.82	2485.90	2485.98	2486.04	2486.10	2486.15	2486.19	2486.22	2486.24
Girder #4	2485.80	2485.90	2485.99	2486.07	2486.14	2486.21	2486.26	2486.31	2486.35	2486.37	2486.40
Girder #5	2486.05	2486.15	2486.23	2486.31	2486.38	2486.44	2486.50	2486.54	2486.57	2486.60	2486.62
Rt Edge of Deck	2486.13	2486.22	2486.31	2486.39	2486.46	2486.52	2486.57	2486.61	2486.65	2486.67	2486.69



TYPICAL SECTION

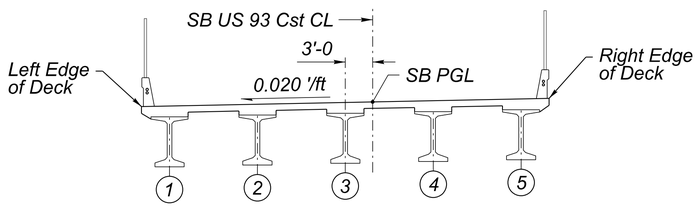
NTS

SCREED ELEVATION NOTES:

1. The top of Erected Girder Elevation shall be measured in the field at tenth points & submitted to the Engineer for evaluation of the build-up prior to setting deck forms.

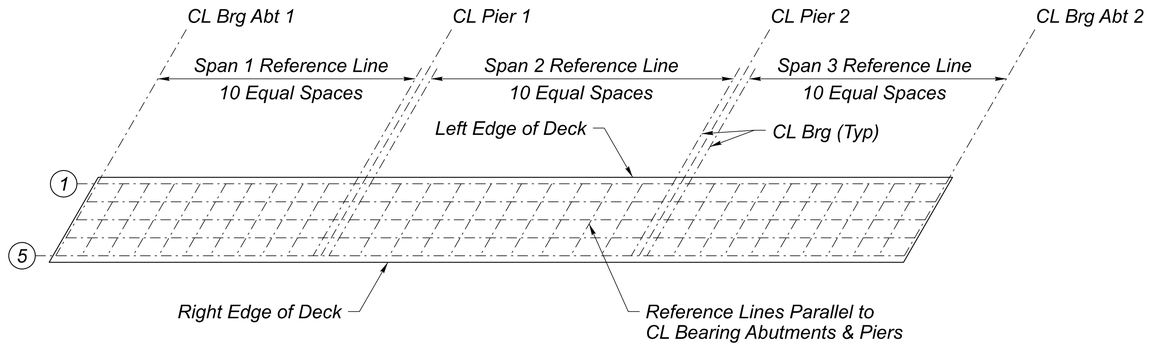
2. The Screed Elevation includes an allowance for the deflection due to the dead load of the concrete deck slab (including stay-in-place form dead load if applicable), diaphragms, barrier & the effect of long-term creep.

3. Screed Elevations shall be used in setting screeds. Adjustments to the Screed Elevations, if necessary, will be determined by the Bridge Engineer after reviewing the top of erected girder elevations. DO NOT USE FINISHED GRADE ELEVATIONS FOR SETTING SCREEDS.



DECK SECTION

Scale: 1" = 10'-0



TYPICAL SCREED REFERENCE LINE PLAN

NTS

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMINGANG Date Signed 06/19/26

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

US 93 SB BNSF OP BRIDGE
SCREED ELEVATIONS

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B-(230)T	443	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. S-1.24

____ OF ____

MSE WALL GENERAL NOTES:

Construction Specifications - Arizona Department of Transportation Standard Specifications for Road & Bridge Construction, Edition of 2021.

Design Specifications:
1. AASHTO LRFD Bridge Design Specifications, 8th Edition, 2017, with current interims.

2. FHWA Geotechnical Engineer Circular No. 11 Design & Construction of Mechanically Stabilized Earth Walls & Reinforced Soil Slopes, NH1 Courses No. 132042 & 132043, Publication Nos. FHWA-NH1-10-024 & FHWA-NH1-10-025, Volumes 1 & 2, 2009.

Walls shall be constructed in accordance with the Standards and/or Special Details indicated, unless noted otherwise.

Dimensions shall not be scaled from drawings.

Seismic Performance - Seismic Zone 1, Site Class C, PGA = 0.057g, S_{DS} = 0.155g, S_{D1} = 0.088g.

Stresses:
Grade 60 reinforcing steel (unless noted otherwise)..... fy = 60,000 psi

Temporary Shoring - Temporary shoring may be required for excavation & construction of walls to accomplish the work without adversely affecting existing facilities/utilities. The contractor shall be responsible for providing temporary shoring as required to maintain traffic, to protect utilities, for protection of workers or as otherwise needed to accomplish the work. The contractor shall submit a plan outlining construction procedures, shoring requirements & design to the Engineer for review & approval prior to proceeding with the work. For additional information, see Subsection 929-4.01 of the Specifications. No additional payment will be made for temporary shoring.

Retaining wall geometry refers to the exposed face of wall, unless noted otherwise.

Where retaining walls support roadways, the top of wall coping shall follow the profile of the adjacent roadway. The contractor shall verify the top of wall elevations shown on the Project Plans prior to fabricating any wall elements.

Where retaining walls do not support roadways, linear interpolation shall be used to calculate the top of wall where not shown on plans.

For soil boring logs & geotechnical information, refer to the Final Geotechnical Report (dated 12/17/2025) by ADOT Geotechnical Services. This report is available through the ADOT Contracts & Specifications website.

For MSE Wall Design parameters, see the Final Geotechnical Report (dated 12/17/2025) by ADOT Geotechnical Services. This report is available through the ADOT Contracts & Specifications website.

All utilities shown in the Project Plans are provided for the contractor's general information only. The locations are approximate. It shall be the contractor's responsibility to determine & coordinate the actual location of utilities in the vicinity of wall construction. Existing utility locations shown reflect the findings of the latest available mapping. Refer to existing condition plans for status of existing utilities.

Finished Grade Elevations along the front face (FF) of the walls are provided in the tables on the elevation sheets.

MSE WALL GENERAL NOTES (CONT):

Any variances to wall elevations shall incorporate minimum wall embedments below finished grade at the wall face per Table 2.2/Figure 2-16 of FHWA-NHI-10-024 & in accordance with information provided in the Final Geotechnical Exploration Report.

Mechanically Stabilized Earth (MSE) retaining walls are to be designed by the MSE wall manufacturer & constructed in accordance with the manufacturer's recommendations & the Project Specifications.

The top of leveling pad & finished grade elevations at the front face of wall shall be the minimum required for the MSE wall.

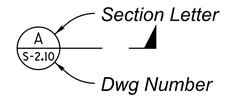
Painting shall be in accordance with Section 610 of the Specifications. Face of Wall & coping shall be painted. The paint color shall be ADOT Tan - (Federal Spec 30318) Flat Finish.

INDEX OF SHEETS:

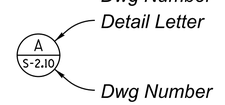
S-2.01 Wall General Notes & Quantities
S-2.02 Abutment 1 Wall Plan & Elevation
S-2.03 Abutment 2 Wall Plan & Elevation
S-2.04 Wall Details
S-2.05 MSE Wall Design Summary Sheet

LEGEND:

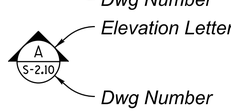
Section Marker



Detail Marker



Elevation Marker



NOTE:

A line (—) in place of the Drawing Number indicates that the SECTION or DETAIL is located on the same drawing that the SECTION or DETAIL is cut.

Elev = Elevation
TOW = Top of Wall

WALL SUMMARY AND APPROXIMATE QUANTITIES

Wall No.	*MSE Retaining Wall (SF)*	*Metal Handrail (Detail DO) (LF)*
Abut 1 Wall	*4,352*	*123*
Abut 2 Wall	*3,068*	*102*
Total	*7,420*	*225*
As Built		

Registered Professional Engineer, State of Arizona
CERTIFICATE NO.
80073
MAXIME
NOCHE DOMNGANG
Date Signed 06/15/26

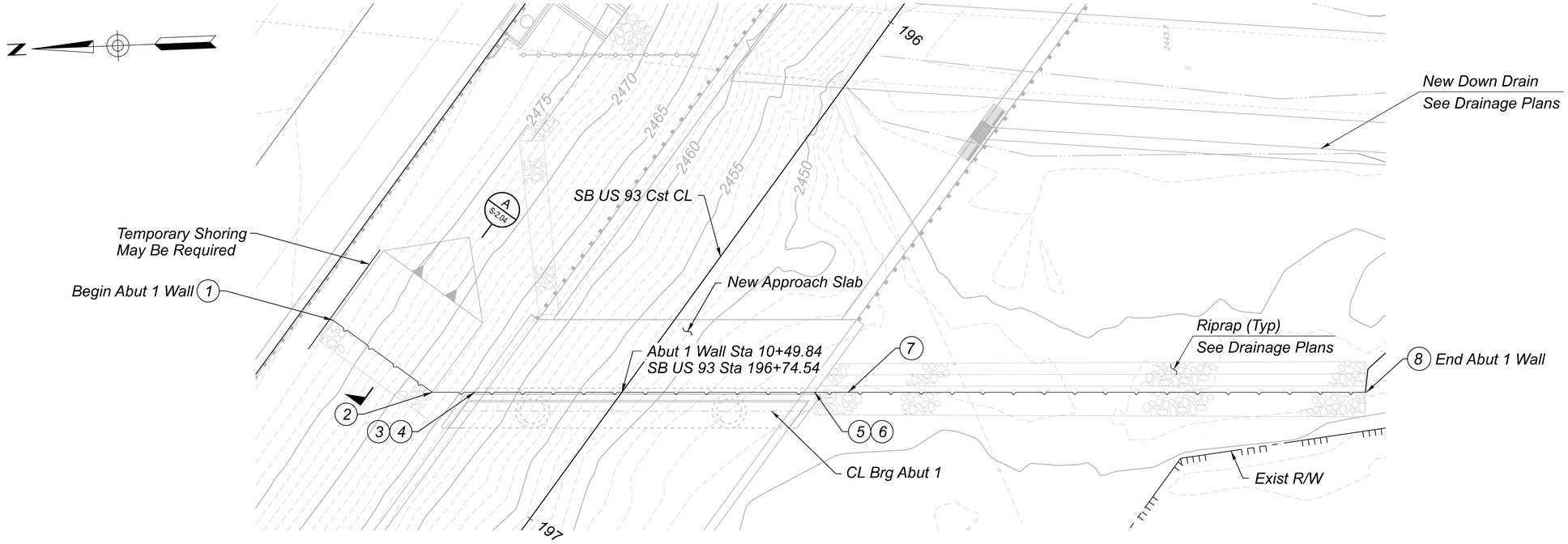
	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

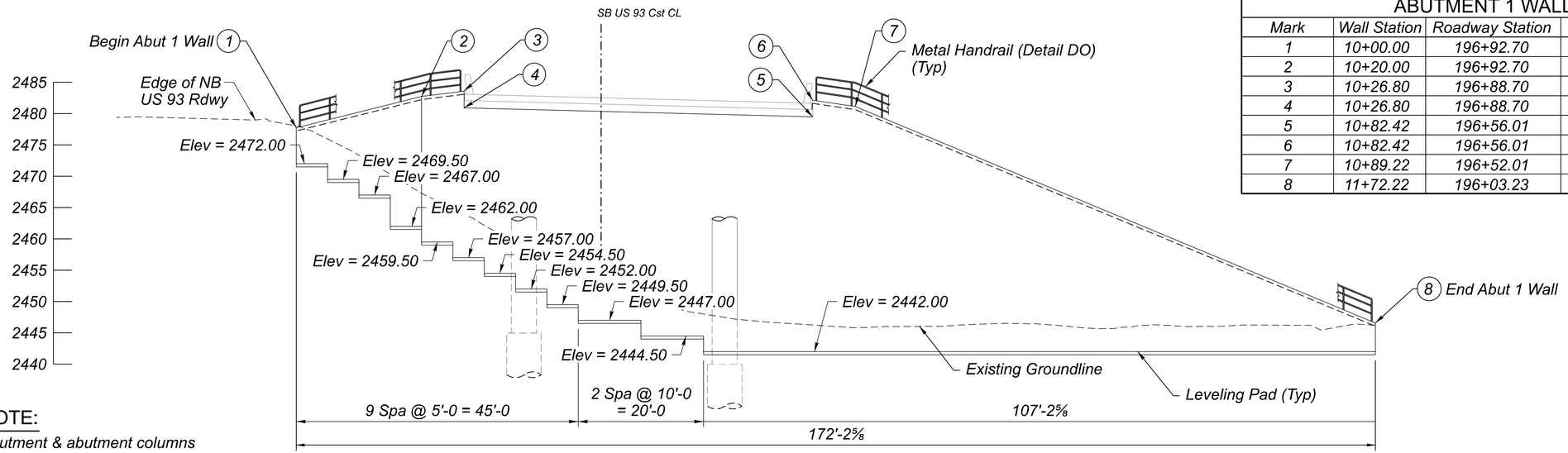
RETAINING WALL
WALL GENERAL NOTES & QUANTITIES

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B-(230)T	444	524	
MILEPOST	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No.	S-2.01
STRUCTURE NO.	TRACS NO. F0738 01C					____ OF ____	



ABUTMENT 1 MSE WALL PLAN

Scale: 1" = 10'-0



ABUTMENT 1 MSE WALL ELEVATION

Scale: 1" = 10'-0

ABUTMENT 1 WALL ELEVATION TABLE					
Mark	*Wall Station*	*Roadway Station*	*Offset*	*Finished Grade Elev*	*TOW Elev*
1	10+00.00	196+92.70	45.00' Rt	2477.22	2477.72
2	10+20.00	196+92.70	25.00' Rt	2482.22	2482.72
3	10+26.80	196+88.70	19.50' Rt	2483.07	2483.57
4	10+26.80	196+88.70	19.50' Rt	2480.90	2480.90
5	10+82.42	196+56.01	25.50' Lt	2479.46	2479.46
6	10+82.42	196+56.01	25.50' Lt	2481.63	2482.13
7	10+89.22	196+52.01	31.00' Lt	2480.63	2481.13
8	11+72.22	196+03.23	98.15' Lt	2446.06	2446.56

NOTE:

Abutment & abutment columns not shown for clarity.

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMNGANG Date Signed 06/17/26 ARIZONA, U.S.A.

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

ABUTMENT 1 WALL
PLAN AND ELEVATION

ROUTE US 93
MILEPOST
STRUCTURE NO.

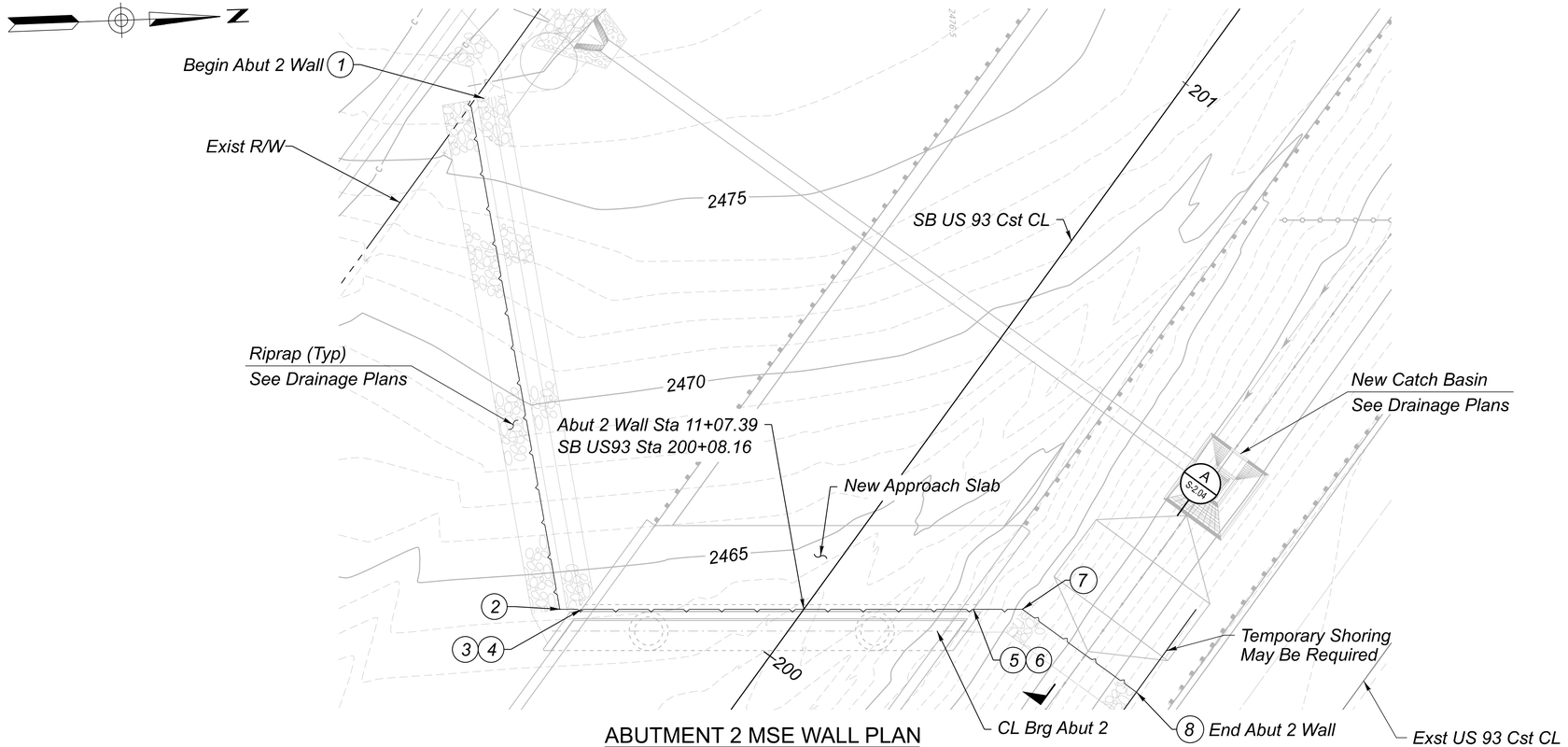
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	445	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. S-2.02

TRACS NO. F0738 01C

____ OF____

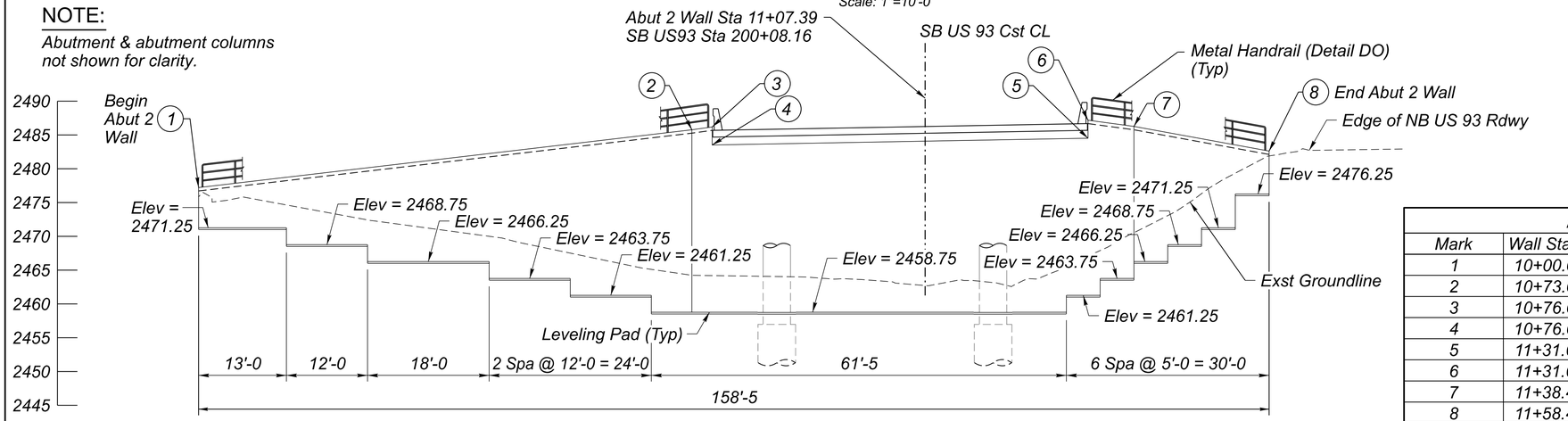


ABUTMENT 2 MSE WALL PLAN

Scale: 1"=10'-0

NOTE:

Abutment & abutment columns not shown for clarity.



ABUTMENT 2 MSE WALL ELEVATION

Scale: 1"=10'-0

ABUTMENT 2 WALL ELEVATION TABLE					
Mark	*Wall Station*	*Roadway Station*	*Offset*	*Finished Grade Elev*	*TOW Elev*
1	10+00.00	200+38.58	80.43' Lt	2476.72	2477.22
2	10+73.00	199+87.87	27.93' Lt	2485.26	2485.76
3	10+76.00	199+89.63	25.50' Lt	2485.68	2486.18
4	10+76.00	199+89.63	25.50' Lt	2483.51	2483.51
5	11+31.62	200+22.33	19.50' Rt	2484.50	2484.50
6	11+31.62	200+22.33	19.50' Rt	2486.67	2487.17
7	11+38.42	200+26.32	25.00' Rt	2485.76	2486.26
8	11+58.42	200+26.32	45.00' Rt	2480.76	2482.61

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMNGANG Date Signed 06/15/26

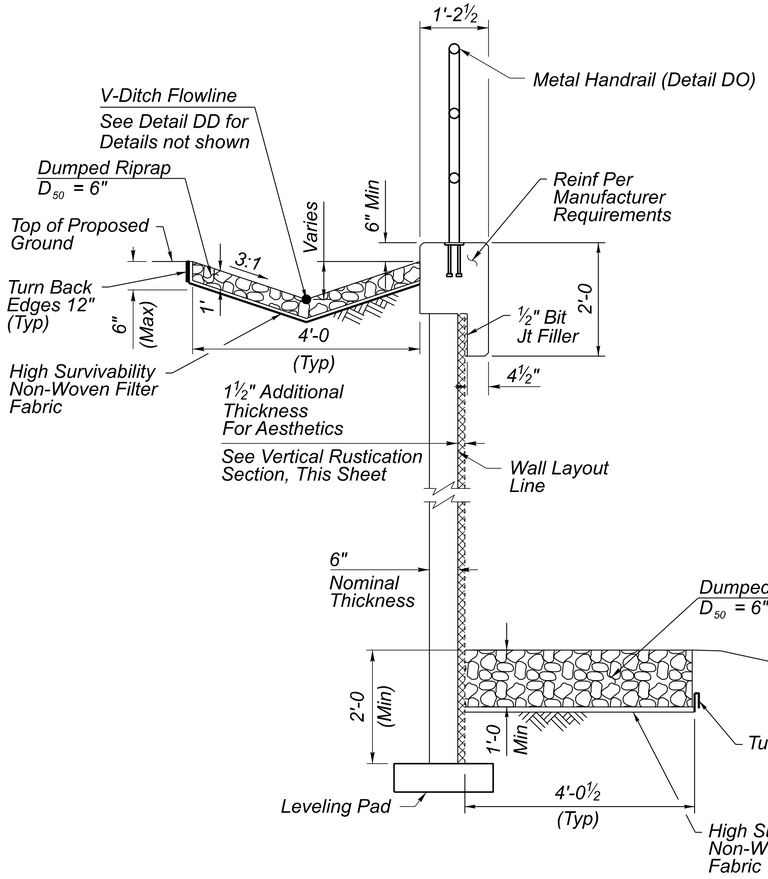
	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

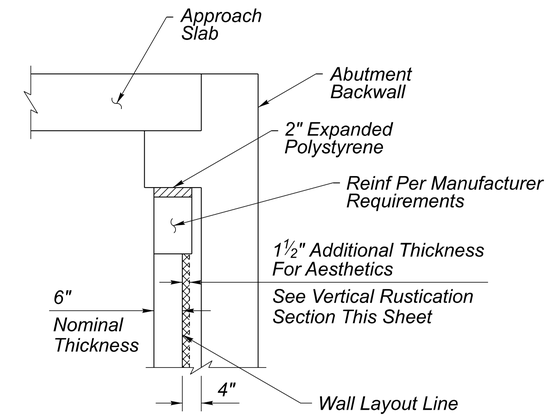
ABUTMENT 2 WALL
PLAN AND ELEVATION

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B-(230)T	446	524	
MILEPOST	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. S-2.03
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____



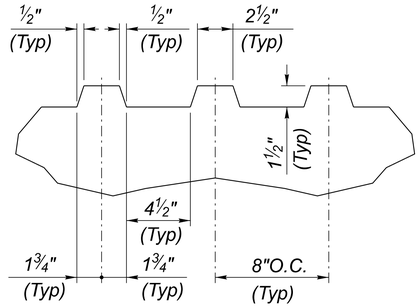
MSE WALL - TYPICAL SECTION

Scale: ¾" = 1'-0



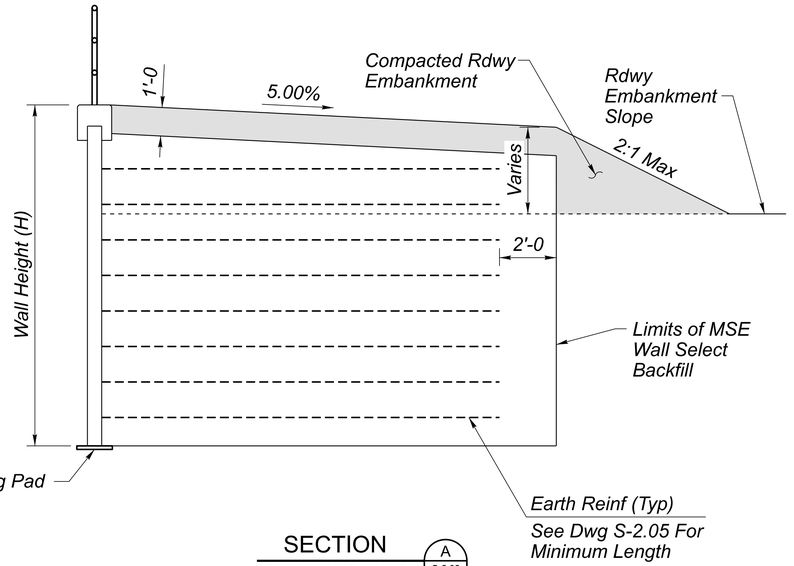
CIP COPING AT APPROACH SLAB

Scale: ¾" = 1'-0



VERTICAL RUSTICATION SECTION

NTS



SECTION

Scale: 1½" = 1'-0

A | S-2.02 | S-2.03

METAL HANDRAIL FOUNDATION NOTE:

1. *See Drainage Detail DO for metal handrail details not shown.*

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMNGANG Date Signed: 06/26/26

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

WALL DETAILS

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B-(230)T	447	524	
MILEPOST						
STRUCTURE NO.						

F.H.W.A. Arizona Division

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. S-2.04

____ OF ____

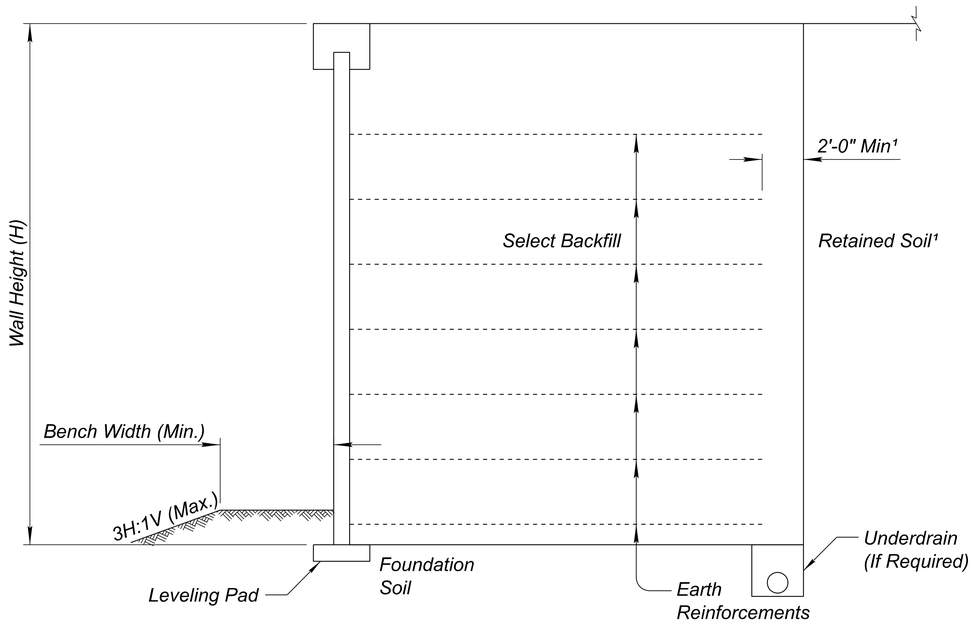
MSE Retaining Wall	Begin Station	End Station	Retained Soil Friction Angle[1]	Foundation Soil Friction Angle[2]	Ground Improvement[3]	Min Earth Reinforcement Length[4]	Min Wall Embedment[5]	Underdrain Required	Drawdown Analysis	Bench Width[6]
Abutment 1	10+00.00	10+20.00	30	30	Yes, over-excavation	0.7H	2 feet or H/20	No	No	n/a, level
Abutment 1	10+20.00	10+35.00	30	30	Yes, over-excavation	1.2H	2 feet or H/10	No	No	4 feet
Abutment 1	10+35.00	10+65.00	30	30	Yes, over-excavation	0.8H	2 feet or H/10	No	No	4 feet
Abutment 1	10+65.00	11+72.22	30	32	Yes, over-excavation	0.7H	2 feet or H/20	No	No	n/a, level
Abutment 2	10+00.00	11+07.39	30	32	Yes, over-excavation	0.7H	2 feet or H/10	No	No	4 feet
Abutment 2	11+07.39	11+28.00	30	32	Yes, over-excavation	0.7H	2 feet or H/20	No	No	n/a, level
Abutment 2	11+28.00	11+58.42	30	30	Yes, over-excavation	0.7H	2 feet or H/20	No	No	n/a, level

H = height; psf = pounds per square foot

WALL SUMMARY

NOTES:

1. Retained soil meeting the minimum strength values shall extend laterally a minimum of 0.5H plus 2 feet behind the end of earth reinforcement at all locations. Cohesion (c') of retained backfill = 0 psf.
2. Cohesion (c') of foundation soil = 0 psf.
3. Over-excavation and compaction of subgrade soils is required below the bottom of leveling pad elevation and shall extend across the entire footprint of the MSE walls and retained areas with fill heights greater than 5 feet. Refer to the Detail Sheets, Detail E for over-excavation depths.
4. Minimum of 8 feet or length specified, whichever is greater. H = wall height from top of leveling pad.
5. Minimum of 2 feet or ratio specified, whichever is greater. H = wall height from top of leveling pad.
6. Perpendicular to wall face.
7. Refer to Final Geotechnical Report (dated 05/04/2026) by ADOT Geotechnical Services for additional data.



TYPICAL SECTION

Registered Professional Engineer (Civil) CERTIFICATE 47791 JESSE R HUSTON Date Signed 10-JAN-26 ARIZONA, U.S.A.

	NAME	DATE
DESIGN	K. MACKAY	06/26
DRAWN	H. MORRIS	06/26
CHECKED	J. HUSTON	06/26

ethos ENGINEERING, LLC. 9180 S Kyrene Rd Suite #104 Tempe, AZ 85284

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

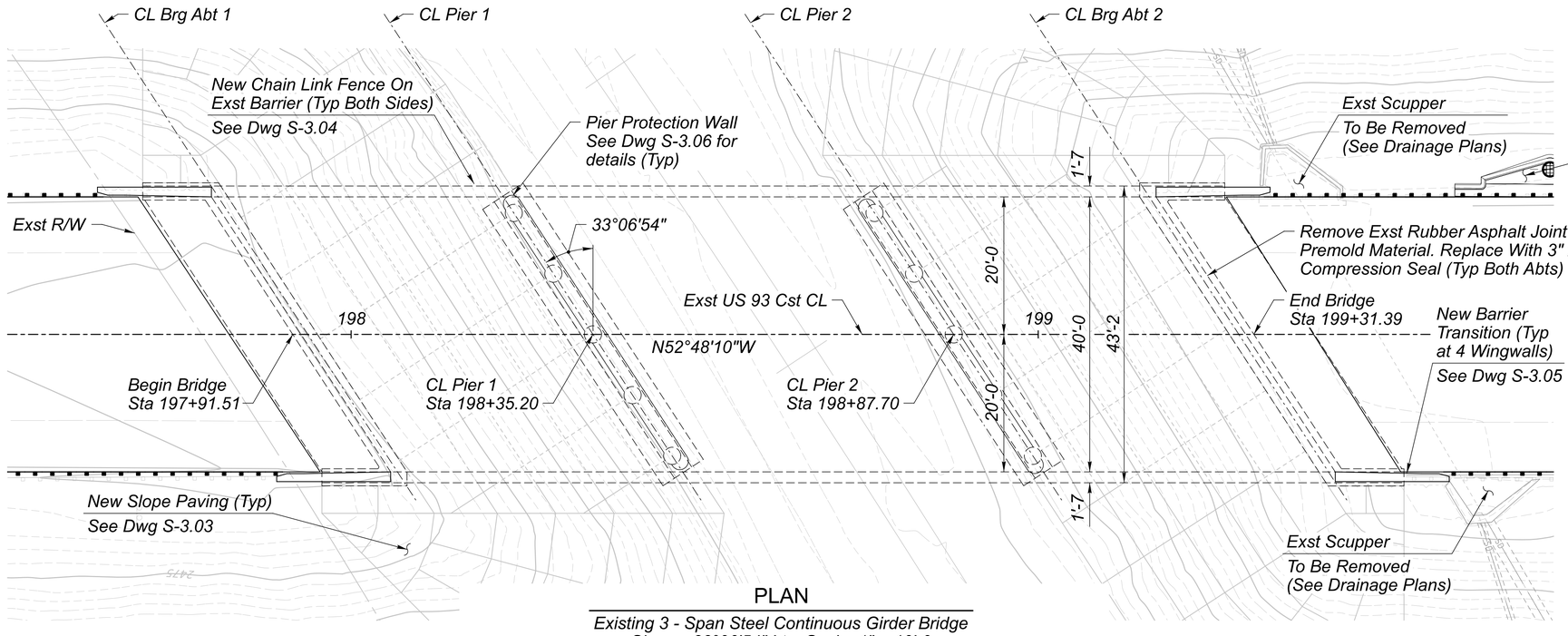
RETAINING WALL SHEETS
MSE WALL DESIGN SUMMARY SHEET

ROUTE US 93
MILEPOST
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	448	524	

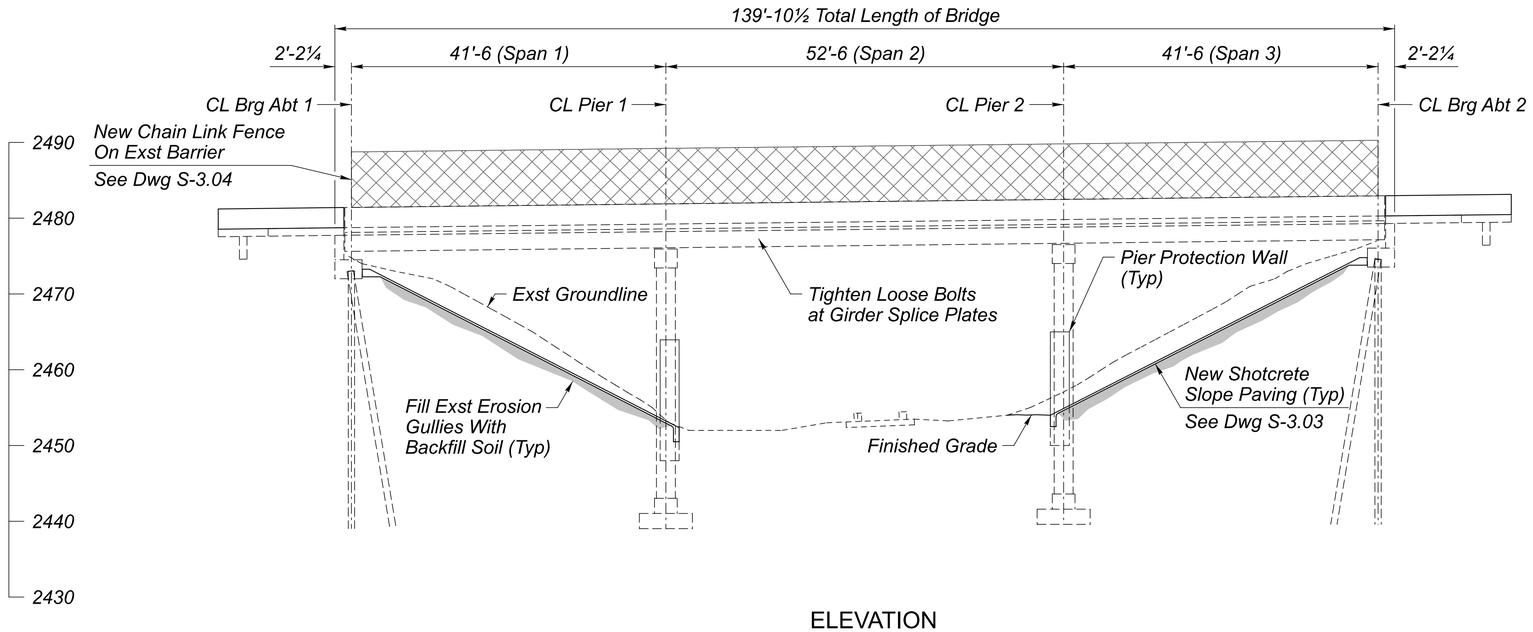
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE — DWG No. S-2.05

TRACS NO. F0738 01C — ____ OF____



PLAN

Existing 3 - Span Steel Continuous Girder Bridge
Skew = 33°06'54" Lt Scale: 1" = 10'-0



ELEVATION

Scale: 1" = 10'-0

INDEX OF SHEETS

S-3.01 General Plan & Elevation
S-3.02 General Notes, Typical Section & Quantities
S-3.03 Slope Repair Details
S-3.04 New Fence Details
S-3.05 Barrier Transition Details
S-3.06 Pier Protection Wall Details

PREVIOUS PROJECTS:

1. The existing bridge was constructed in 1963 by the Arizona Highway Department under Project No. F-035-1(4).

2. The existing bridge barrier & transitions were replaced in 1994 by the Arizona Department of Transportation under Project No. STP-035-1(24)P.

SCOPE OF WORK:

1. Contractor shall check all 340 girder splice plate bolts for tightness. Any loose bolts shall be tightened to a minimum tension of 36 kips. This work is paid for under item No. 6010508 Bridge Repair (Tighten Splice Bolts).

2. At both abutment slopes, fill existing erosion gullies with backfill soil & construct new shotcrete slope paving. The work is paid for under item No. 9120002 Shotcrete (3" Slope Paving, Fiber Reinforced).

3. Remove four existing barrier transitions & construct four new barrier transitions. See Dwg S-3.05 for details. Removal is paid for under Item No. 2020185 Remove (Bridge Barrier Transition). Construction of the new barrier transitions is paid for under item No. 9100053 Concrete Bridge Barrier Transition.

4. At both abutment expansion joints, remove the existing asphalt rubber seal & preform filler & replace with new 3" x 3" compression seal. See Dwg S-3.02 for details. This work is paid for under item No. 6011190 Replace Bridge Deck Joint Seal (3x3 Compression Seal) (SD 3.01).

5. At both edges of deck, construct new chain link fence on existing bridge barrier. See Dwg S-3.04 for details. This work is paid for under item No. 9020028 Chain Link Fence (On Existing Structure).

6. At both piers, construct pier protection walls. See Dwg S-3.06 for details. This work is paid for under Item No. 9240118 Miscellaneous Work (Pier Protection Wall).

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMINGANG Date Signed 06/26/26 ARIZONA U.S.A.

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	T. Talbert	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
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BRIDGE GROUP

STA 198+
US 93 NB BNSF OP BRIDGE
GENERAL PLAN & ELEVATION

ROUTE US 93
MILEPOST 192.88
STRUCTURE NO. 780

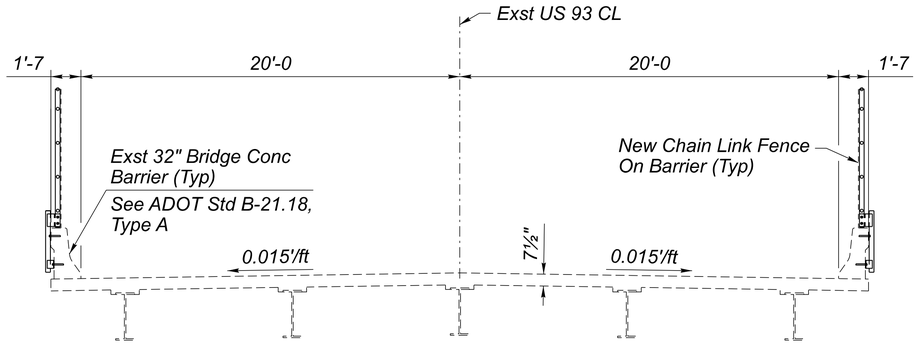
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	449	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

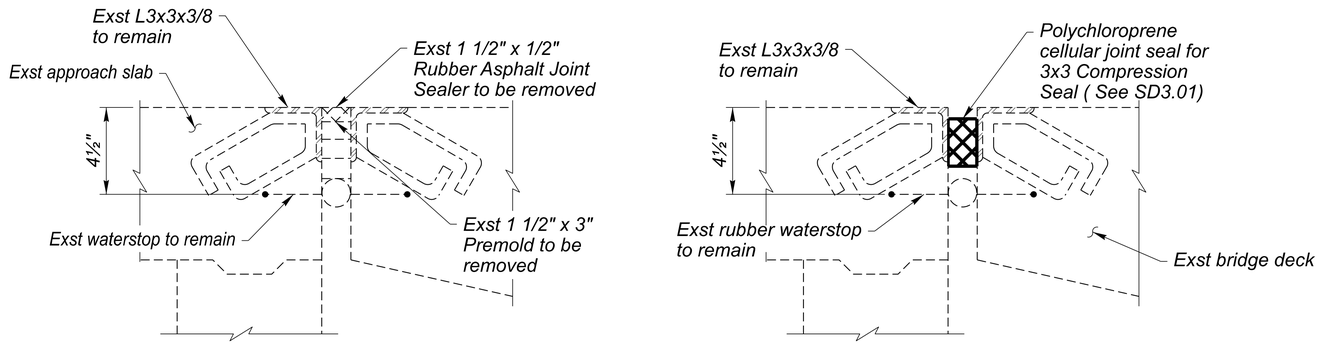
DWG No. S-3.01

____ OF____



EXISTING BRIDGE TYPICAL SECTION

Scale: ¼" = 1'-0



REMOVAL

PROPOSED

DECK JOINT SECTION

Scale: 1" = 1'-0

GENERAL NOTES:

Construction Specifications - Arizona Department of Transportation Standard Specifications for Road & Bridge Construction, Edition of 2021.

Design Specifications -
AASHTO LRFD Bridge Design Specifications, 9th Edition, 2020 with current interims.

All concrete shall be Class 'S' unless noted otherwise.

Reinforcing steel shall conform to ASTM Specification A615, Grade 60.

All bends & hooks shall meet the requirements of AASHTO Article 5.10. All bend dimensions for reinforcing steel shall be out-to-out of bars. All placement dimensions for reinforcing steel shall be to center of bars unless noted otherwise.

All reinforcing steel shall have 2 inch clear cover unless noted otherwise.

All mechanical splices shall conform to the requirements for mechanical connnections in Section 605-3.02 of the Standard Specifications.

Stresses:

Pier Protection Wall	*f'c = 3,000 psi*
Barrier Transition	*f'c = 4,000 psi*
All other Grade 60 reinforcing	*fy = 60,000 psi*

All welding shall conform to the requirments of the American Welding Society, ANSI/AASHTO/AWS D1.5 Bridge Welding Code (latest edition).

Dimensions shall not be scaled from drawings.

Construction joints not shown on the plans shall require the approval of the Engineer prior to construction.

Chamfer all exposed corners ¾" unless noted otherwise.

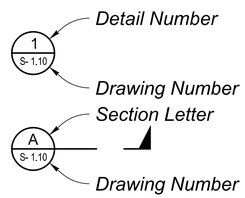
ADOT STANDARD DRAWING LIST

SD 3.01, SD 5.01, SD 5.02

LEGEND:

DETAIL Marker

SECTION Marker



NOTE:

A line (—) in place of the Drawing Number indicates that the SECTION or DETAIL is located on the same drawing.

APPROXIMATE QUANTITIES:

Bridge Repair (Tighten Splice Bolts)	*1 LS*
Shotcrete (3" Slope Paving, Fiber Reinforced)	*1,269 SY*
Replace Bridge Deck Joint Seal (3x3 Compression Seal)(SD 3.01)	*96 LF*
Chain Link Fence (On Existing Structure)	*271 LF*
Concrete Bridge Barrier Transition	*4 EA*
Remove (Bridge Barrier Transition)	*4 EA*
Miscellaneous Work (Pier Protection Wall)	*1,181 SF*

Registered Professional Engineer (Retired) CERTIFICATE NO. 80073 MAXIME NOCHE DOMINGANG Date Signed 06/19/26

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	T. Talbert	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

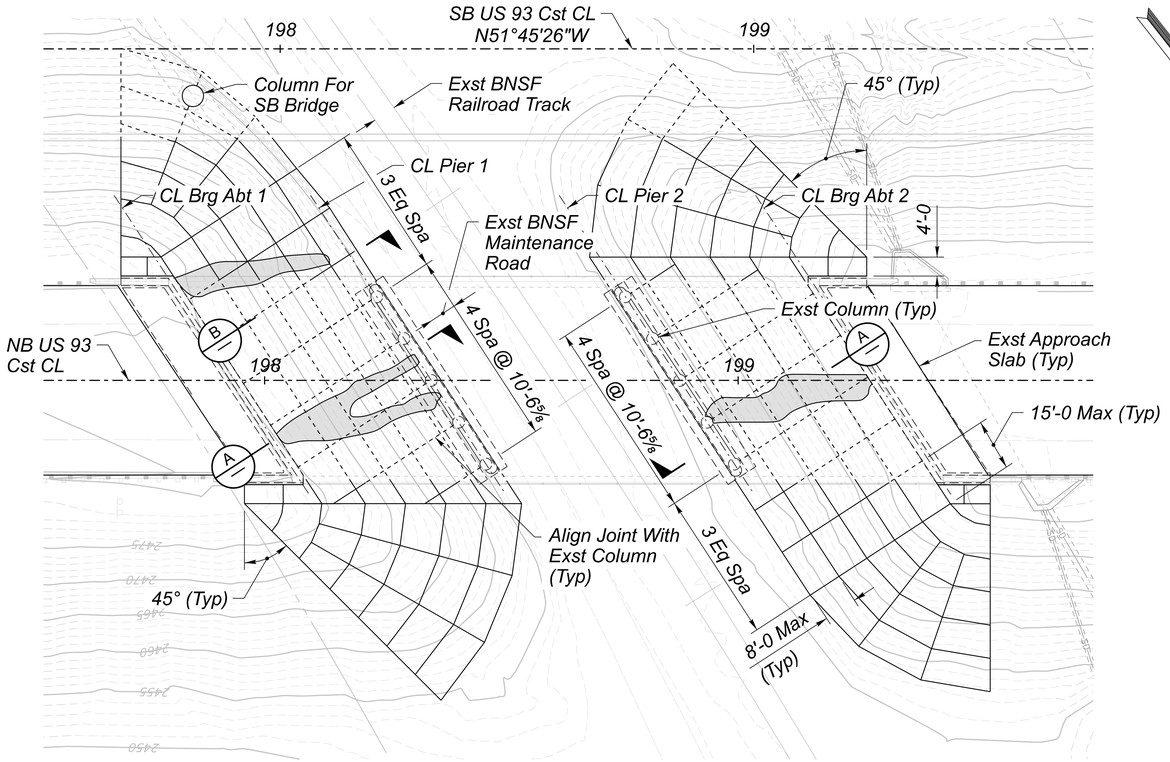
STA 198+
US 93 NB BNSF OP BRIDGE
GENERAL NOTES, TYPICAL SECTION & QUANTITIES

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.88	780

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	450	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE — DWG No. S-3.02

TRACS NO. F0738 01C — ____ OF ____



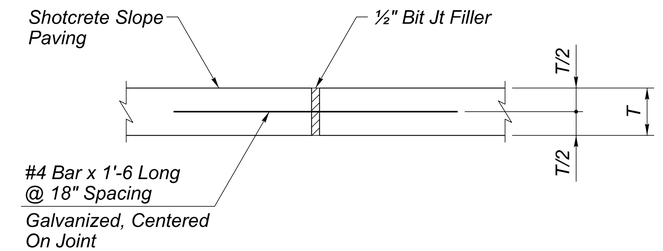
SHOTCRETE SLOPE PAVING PLAN

Scale: 1/16" = 1'-0

SHOTCRETE SLOPE PAVING NOTES:

1. *Shaded areas indicating existing erosion gullies are approximate. Place backfill in gullies to restore the embankment to a near original shape. Backfill needed to fill gullies is estimated as 80 CY. Gullies shall be filled and compacted prior to shotcrete placement.*

2. *The cost of shotcrete and gully backfilling is included in Item No. 9120002 Shotcrete (3" Slope Paving, Fiber Reinforced). See Section 912 of the Specifications.*

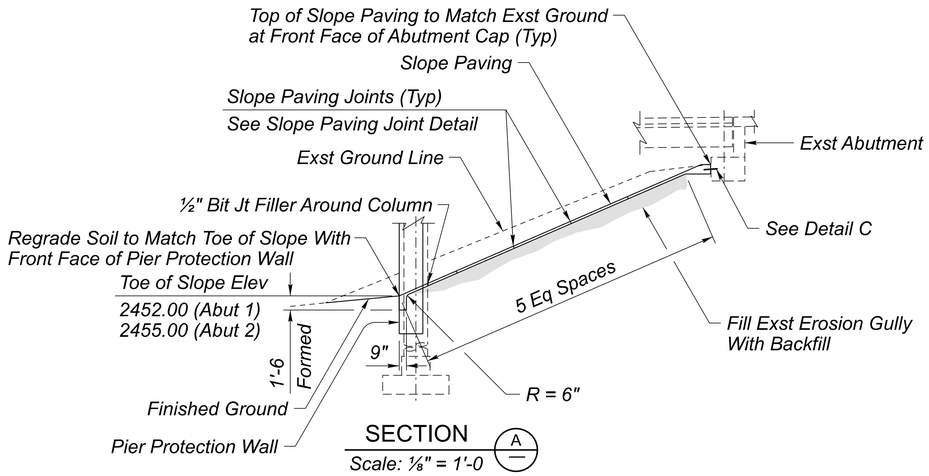


SLOPE PAVING JOINT DETAIL

NTS

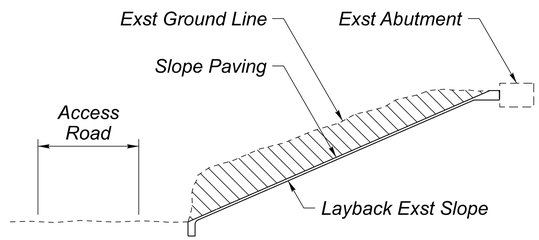
LEGEND:

Repair Exst Erosion Gullies With Backfill (See Note 1)



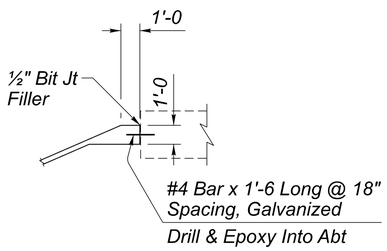
SECTION A

Scale: ⅛" = 1'-0



SECTION B

Scale: ⅛" = 1'-0



DETAIL C

Scale: ¼" = 1'-0

Registered Professional Engineer (Retired)
CERTIFICATE NO.
80073
MAXIME
NOCHE DOMINGANG
Date Signed 06/19/26
ARIZONA, U.S.A.

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	T. Talbert	06/26
CHECKED	B. Ansley	06/26

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BRIDGE GROUP

STA 198+
US 93 NB BNSF OP BRIDGE
SLOPE REPAIR DETAILS

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.88	780

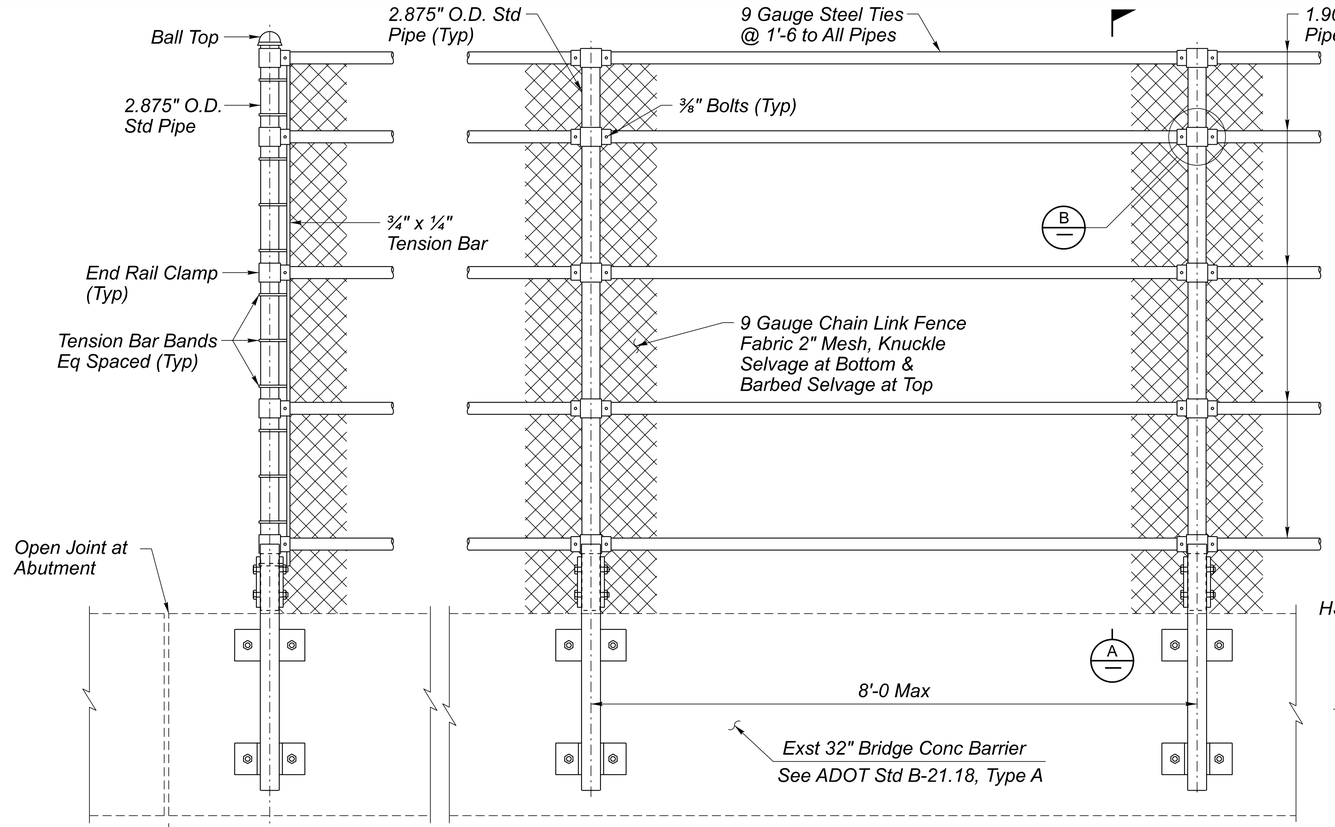
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	451	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. S-3.03

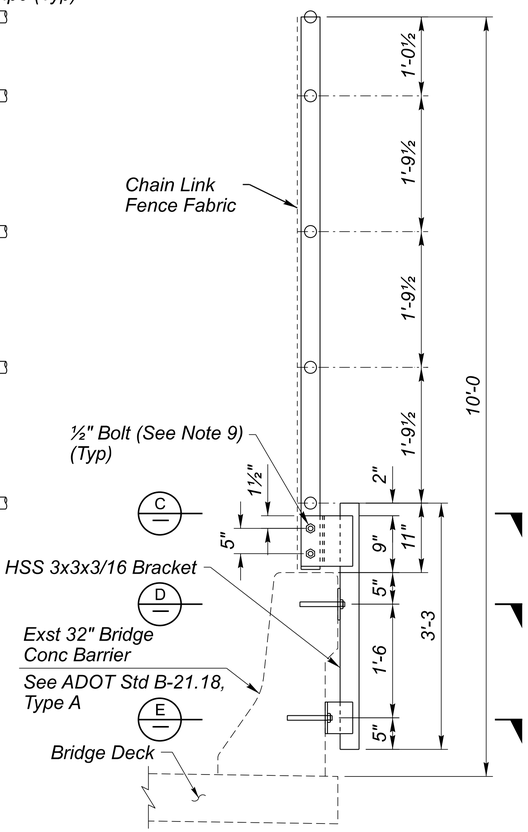
TRACS NO. F0738 01C

____ OF ____



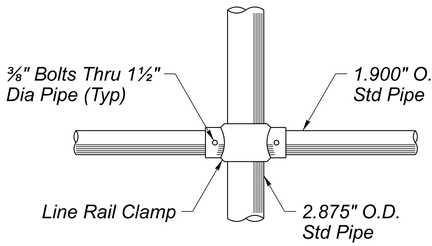
TYPICAL END POST ELEVATION

Scale: 1" = 1'-0



SECTION A

Scale: 1" = 1'-0



DETAIL B

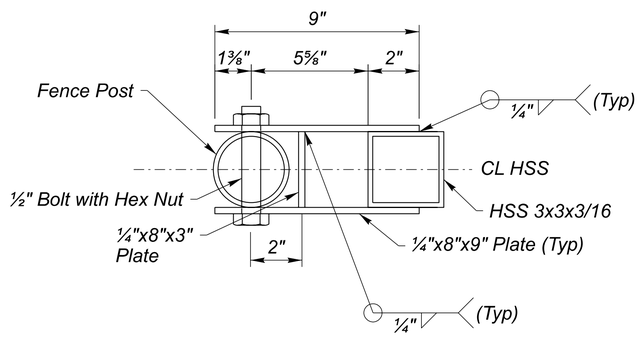
NTS

NOTES:

1. Chain link fence fabric, posts, fittings & hardware shall conform to AASHTO M181 - Grade I or Grade II. The zinc coated fabric shall be Class C or D.
2. All galvanizing that has been damaged in handling, transporting or welding shall be repaired by the application of a paste compound of an approved zinc powder & flux.
3. All exposed edges shall be ground smooth.
4. All bolt heads shall be installed on the roadway side.
5. Fence fabric shall be installed on the inside.
6. All welding shall conform to the requirements of the American Welding Society, ANSI/AASHTO/AWS D1.5 Bridge Welding Code, latest edition.
7. Anchor bolts shall be furnished galvanized & in accordance with ASTM F 1554, Grade 55.
8. This work is paid for under item No. 9020028 Chain Link Fence (For Existing Structure).
9. Provide 1/2" Dia ASTM A307 Grade A hex bolt with one hex nut.
10. HSS shapes shall conform to ASTM A500 Grade B. Plates shall conform to ASTM A36. The bracket assembly shall be galvanized after fabrication in accordance with ASTM A123.
11. Contractor shall submit shop drawing of the Fence Post Bracket to the Engineer for review prior to fabrication.

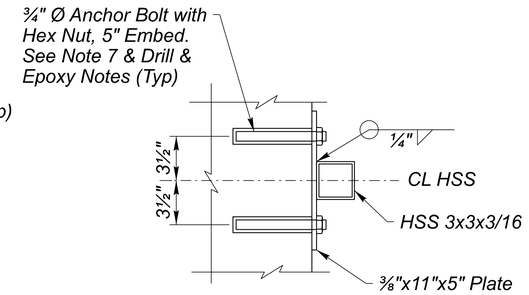
TYPICAL PANEL SECTION

Scale: 1" = 1'-0



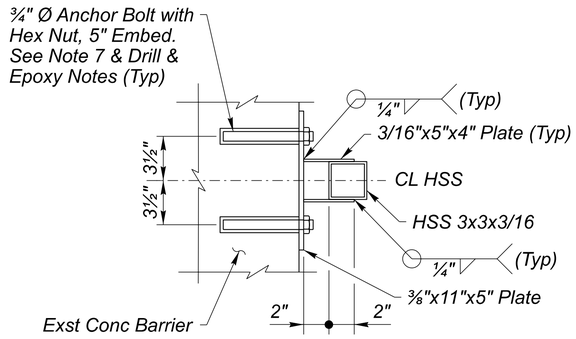
SECTION C

Scale: ¼" = 1'-0



SECTION D

Scale: ½" = 1'-0



SECTION E

Scale: ½" = 1'-0

DRILL & EPOXY NOTES:

Drill & epoxy grout with Hilti HIT-HY100 or approved equal from current ADOT approved product list per Manufacturer's recommendation.

Professional Engineer (Retired) CERTIFICATE NO. 80073 MAXIME NOCHE DOMNGANG Date Signed 06/26/26

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	T. Talbert	06/26
CHECKED	B. Ansley	06/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

STA 198+
US 93 NB BNSF OP BRIDGE
NEW FENCE DETAILS

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.88	780

F.H.W.A. Arizona Division

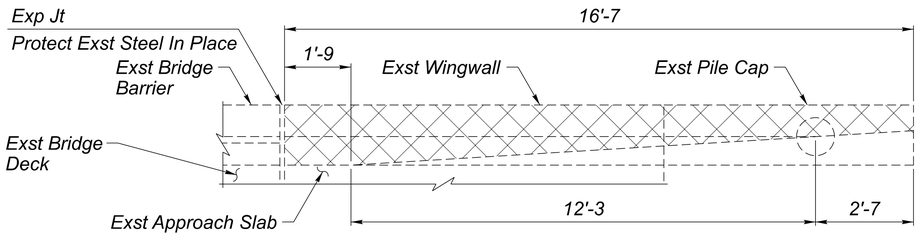
STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B-(230)T	452	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

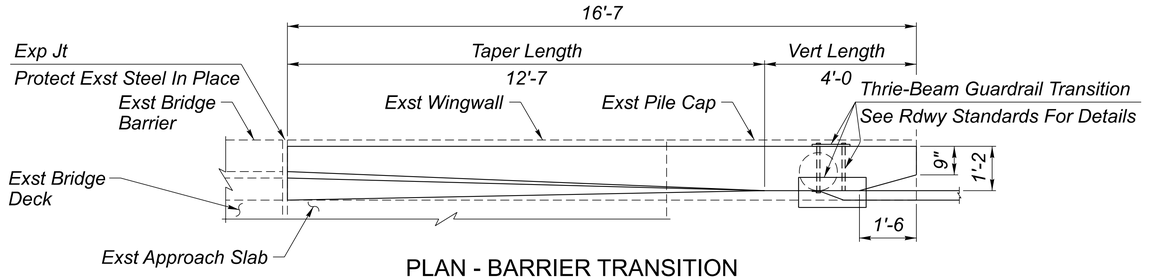
DWG No. S-3.04

____ OF ____



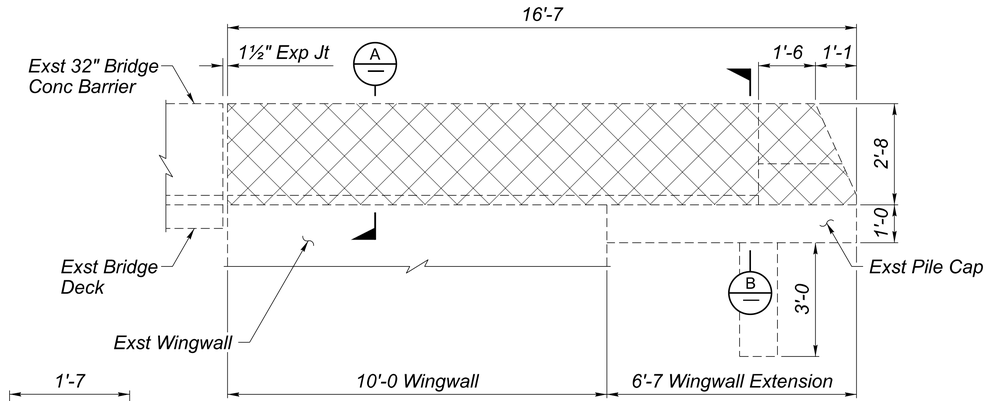
PLAN - REMOVALS

Scale: ½" = 1'-0



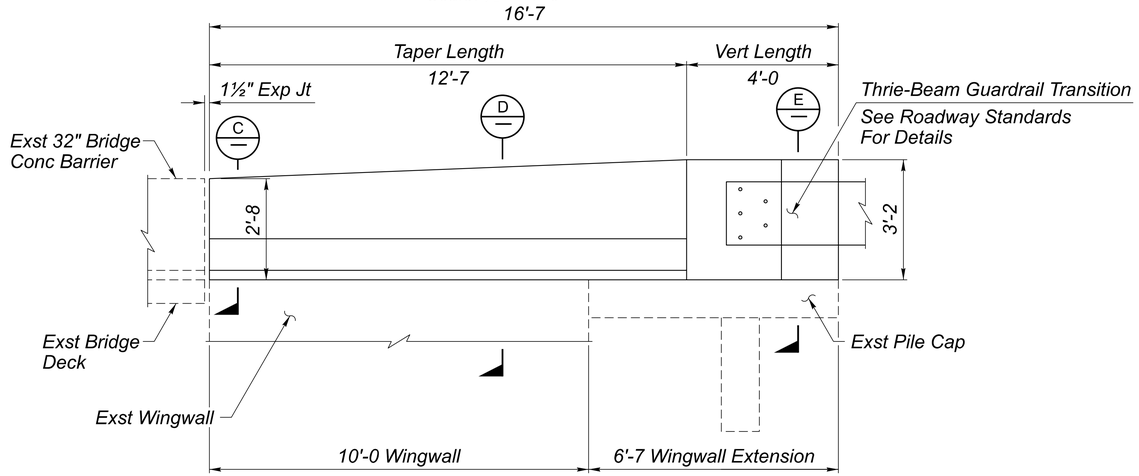
PLAN - BARRIER TRANSITION

Scale: ½" = 1'-0



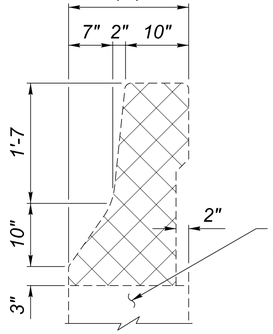
ELEVATION - REMOVALS

Scale: ½" = 1'-0



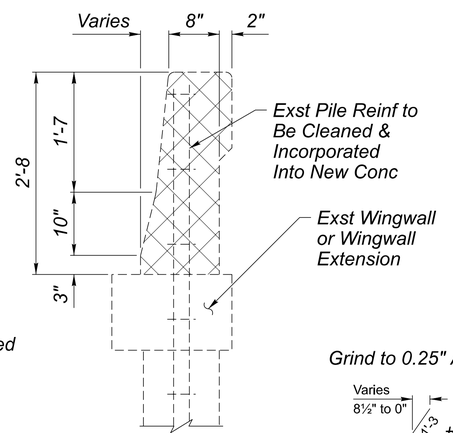
ELEVATION - BARRIER TRANSITION

Scale: ½" = 1'-0



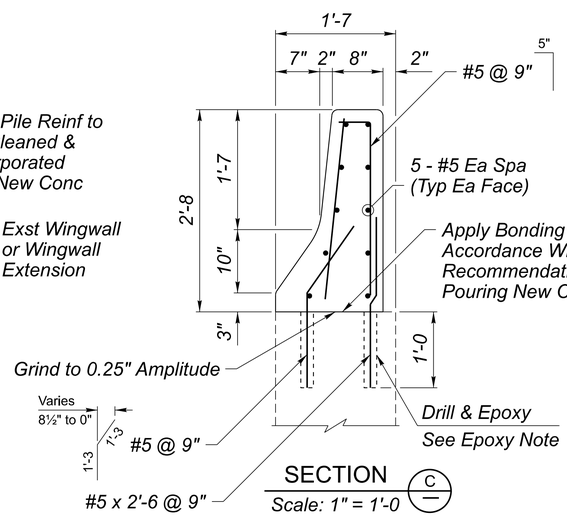
SECTION A

Scale: 1" = 1'-0



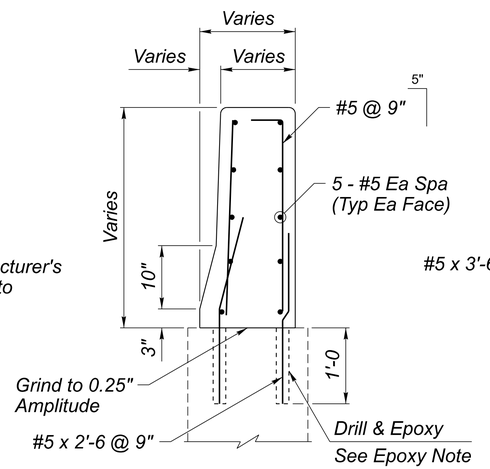
SECTION B

Scale: 1" = 1'-0



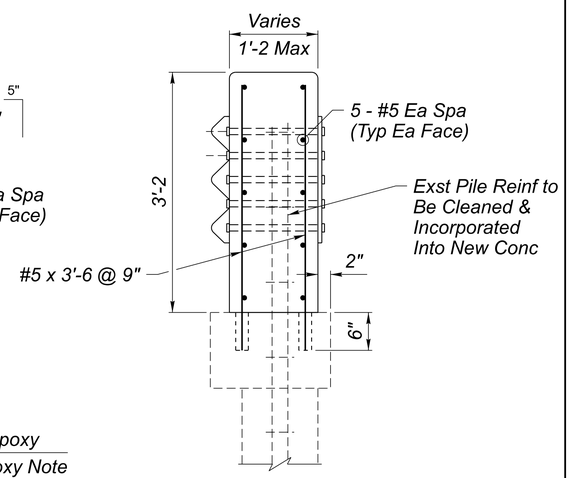
SECTION C

Scale: 1" = 1'-0



SECTION D

Scale: 1" = 1'-0



SECTION E

Scale: 1" = 1'-0

EPOXY NOTES:

Drill & epoxy grout with Hilti HIT-HY100 or approved equal from current ADOT approved product list per Manufacturer's recommendations.

BARRIER TRANSITION NOTE:

Existing barrier transition removal & new barrier transition construction shall be paid for under Bid Item No. 2020185 Remove (Bridge Barrier Transition) & Bid Item No. 9100053 Concrete Bridge Barrier Transition respectively.

Registered Professional Engineer (Civil) CERTIFICATE NO. 80073 MAXIME NOCHE DOMNGANG Date Signed 7/30/2026

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	T. Talbert	06/26
CHECKED	B. Ansley	06/26

TRANSPORTATION
AECOM TECHNICAL SERVICES, Inc.
7720 N. 16th St., Suite 100
Phoenix, Arizona 85020
T 602.371.1100

AECOM
www.aecom.com

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

STA 198+
US 93 NB BNSF OP BRIDGE
BARRIER TRANSITION DETAILS

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.88	780

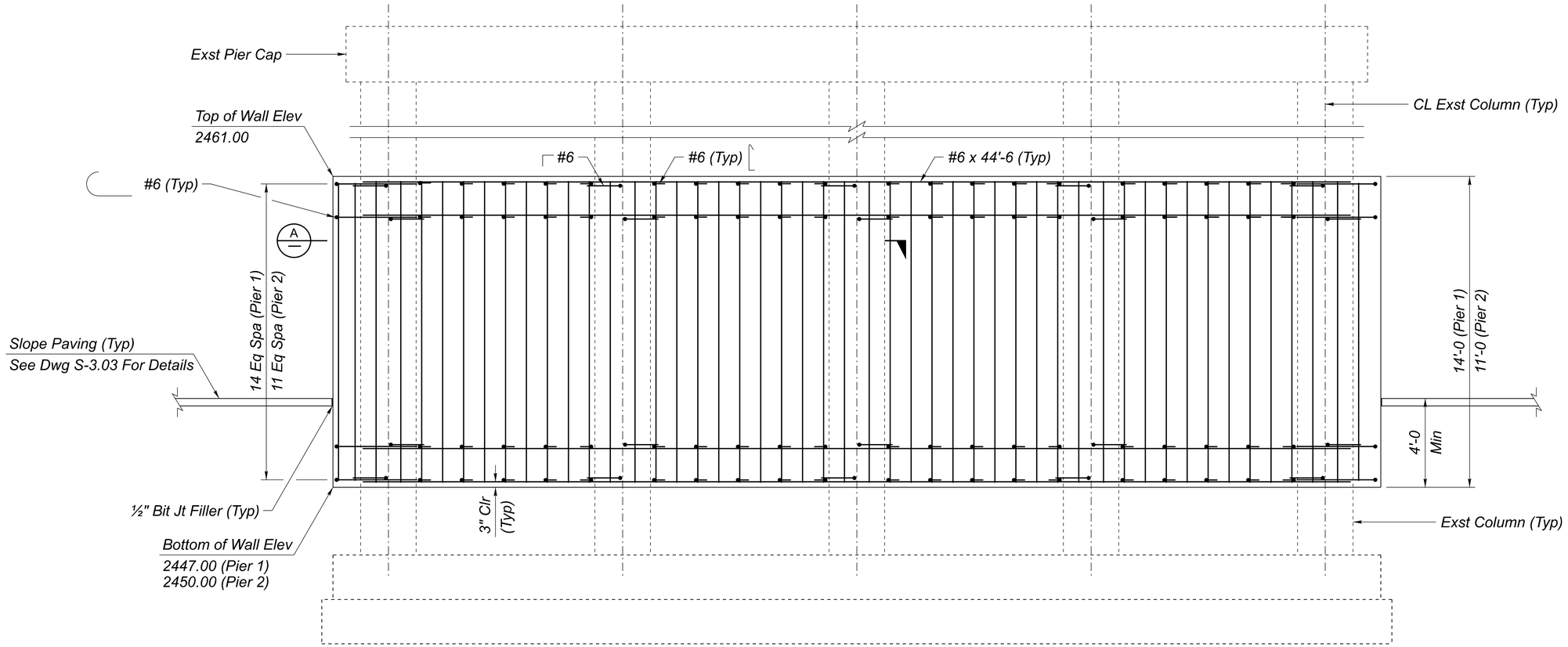
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	453	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. S-3.05

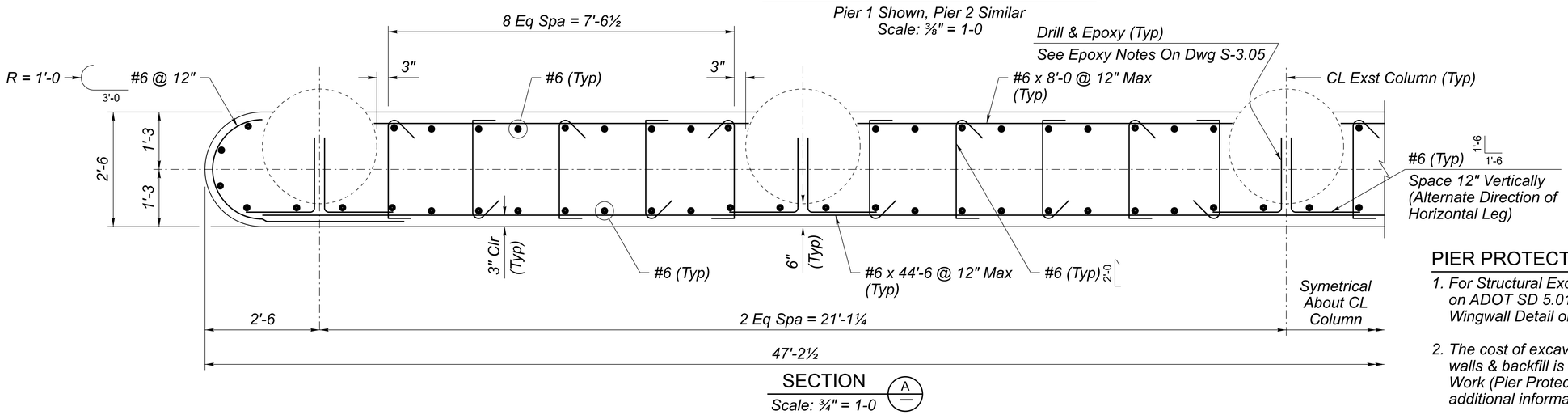
TRACS NO. F0738 01C

____ OF ____



PIER PROTECTION WALL ELEVATION

Pier 1 Shown, Pier 2 Similar
Scale: ⅜" = 1-0



SECTION A

Scale: ¾" = 1-0

PIER PROTECTION WALL NOTES:

1. *For Structural Excavation limits, see Wingwall Detail on ADOT SD 5.01. For Structure Backfill limits, see Wingwall Detail on ADOT SD 5.02.*
2. *The cost of excavation, construction of pier protection walls & backfill is included in Item No. 9240118 Miscellaneous Work (Pier Protection Wall). See Special Provisions for additional information.*

Registered Professional Engineer (Civil)
CERTIFICATE NO
80073
MAXIME
NOCHE DOMNGANG
Date Signed / Sworn To
I WORK FOR AECOM

	NAME	DATE
DESIGN	M. Noche	06/26
DRAWN	G. Zenuch	06/26
CHECKED	B. Ansley	06/26

TRANSPORTATION
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

STA 198+
US 93 NB BNSF OP BRIDGE
PIER PROTECTION WALL DETAILS

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.88	780

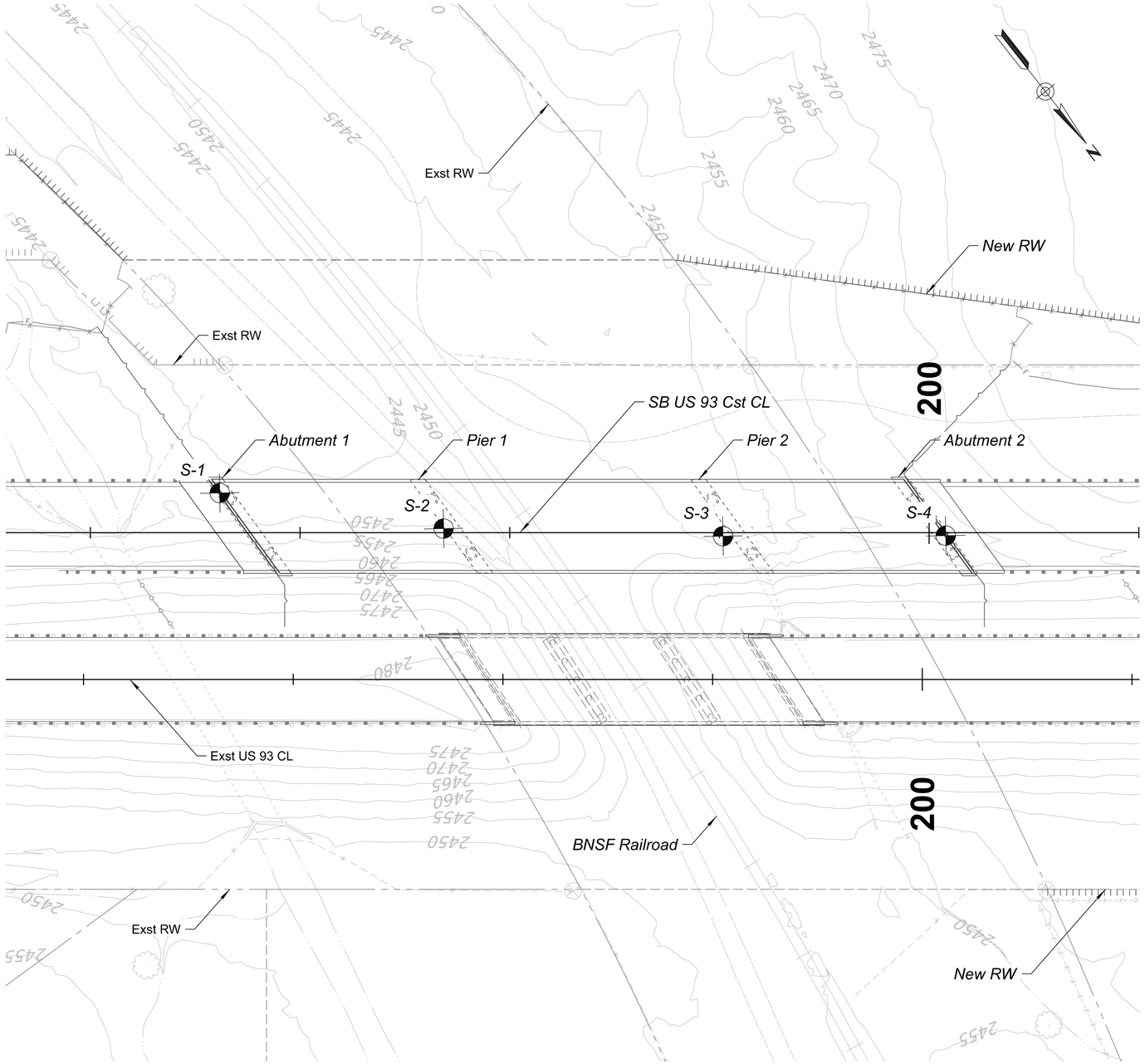
F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	454	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. S-3.06

TRACS NO. F0738 01C

____ OF ____



PLAN

Scale: 1" = 30'-0"

Boring	*Approx. Depth*	*US 93 Cst ℄ Station*	*Offset*
S-1	*80 ft*	*196+65*	*90 ft L*
S-2	*100 ft*	*197+70*	*70 ft L*
S-3	*100 ft*	*199+05*	*70 ft L*
S-4	*80 ft*	*200+10*	*70 ft L*

LEGEND:

Boring Location & ID

NOTES:

1. *General soil descriptions and indicated boundaries are based on engineering interpretation of available subsurface information and associated laboratory testing by the geotechnical engineer and may not reflect actual variations in the subsurface conditions between borings and samples. The location of contacts between strata indicated on the logs is to be considered approximate, and changes between material types may be gradual rather than abrupt. Classification of soil materials is in general accordance with ASTM D 2488 and is based on field observation unless accompanied by laboratory test results presented in the Geotechnical Investigation Report.*

2. *The observed water levels and/or subsurface water conditions indicated on the boring logs are as recorded at the time of the field exploration. These water levels and/or moisture conditions may vary significantly with time according to the prevailing climate, rainfall or other factors and are otherwise dependent upon the duration of and methods used in the exploration program.*

3. *Sound engineering judgment was exercised in preparing the subsurface information presented on these sheets. This information was prepared and is intended for design and estimate purposes. Its presentation on the plans or elsewhere is for the purpose of providing intended users with access to the same information as the State and its designers. This subsurface information interpretation is presented in good faith and is not intended as a substitute for personal investigation, independent interpretations or judgment of the contractor or subcontractor.*

4. *Excavations may encounter caving sands with cobbles and possible small boulders. The Contractor shall be prepared to deal with such conditions.*

5. *A 140-lb hammer, 30-inch free-fall, was used to drive the 2-inch O.D. Standard Penetration Test (SPT) split-spoon sampler (ASTM D 1586) or a 3-inch O.D. Modified California Split Barrel sampler lined with 2.42-inch I.D. brass rings (ASTM D3550).*

6. *For further subsurface information, refer to the Final Geotechnical Report (dated 12/17/2025) by ADOT Geotechnical Services for this project. This Report is available online at ADOT Contracts and Specifications.*

7. *All Geotechnical reports prepared for this project shall be considered by the contractor in developing bid documents.*

Registered Professional Engineer — CERTIFICATE NO. 47791 — JESSE R HUSTON — Date Signed 10 JUN 26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	H. MILLS	06/26
DRAWN	H. MORRIS	06/26
CHECKED	J. HUSTON	06/26

ethos ENGINEERING, LLC.
9180 S Kyrene Rd
Suite #104
Tempe, AZ 85284

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

STA 196+
US 93 SB BNSF OP BRIDGE
FOUNDATION DATA SHEET 1

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	455	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE — DWG No. SF-1.01

TRACS NO. F0738 01C — ____ OF ____

ethos ENGINEERING, LLC

PROJECT NAME:	US 93, Vista Royale	**BORING ID:**	**S-1**
PROJECT LOCATION:	Yavapai County, Arizona	AGENCY PROJECT NUMBER:	ADOT TRACS F0738 01D
PROJECT NUMBER: 2024112	CLIENT NAME: AECOM Technical Services, Inc	DATE STARTED: 04/29/2025	DATE COMPLETED: 04/30/2025
DRILLING METHOD(S): Tubex	TOOLING: 4-1/2" OD Downhole Percussion Hammer	HAMMER TYPE: Auto	HAMMER EFFICIENCY: 86%
SURFACE ELEVATION: 2450'	STATION: 196+65	OFFSET AND OFFSET DIRECTION: 90' L	
DRILLING FIRM: Resilient Drilling Services, LLC	DRILLER: F. Esparza	FIELD ENGINEER: J. Brown	RIG TYPE: CME-75 / RIG NUMBER: 113
REPORTED DEPTH: 80'	GROUNDWATER DEPTH: N/A	REVIEWED BY: M. Meza	LATITUDE: 34.03031 / LONGITUDE: -112.81704

Elevation (feet)	Depth (feet)	Graphic Log	Soil Description and Remarks	Samples: Bulk	Samples: Driven	Samples: Blow Counts/6"	Lab: Moisture Content (%)	Lab: Dry Density (pcf)	Lab: Atterberg Limits (LL-PL-PI)	Lab: Fines (%)
2445	5		**SILTY SAND** (SM), trace fine subangular gravel, predominantly fine to medium subangular sand, weak cementation, nonplastic, gray to light brown, slightly moist, firm			18-18	1.7	120.8	NP	
							1.4		NP	12.0
2440	10					16-24	10.4	109.7		
2435	15		Note: moderate to strong cementation, hard below 15 feet			50/4"				
2430	20					30-50/5"				
2425	25					20-35-35 (70)				
2420	30					18-30-40 (70)	2.5		NP	18.0
2415	35		34.0 **SAND WITH SILT** (SP-SM), trace fine subangular gravel, predominantly fine to medium subangular sand, moderate cementation, nonplastic, gray to light brown, slightly moist, very dense			27-25-36 (61)				

ethos ENGINEERING, LLC

PROJECT NAME:	US 93, Vista Royale	**BORING ID:**	**S-1**
PROJECT LOCATION:	Yavapai County, Arizona	AGENCY PROJECT NUMBER:	ADOT TRACS F0738 01D
PROJECT NUMBER: 2024112	CLIENT NAME: AECOM Technical Services, Inc	DATE STARTED: 04/29/2025	DATE COMPLETED: 04/30/2025
DRILLING METHOD(S): Tubex	TOOLING: 4-1/2" OD Downhole Percussion Hammer	HAMMER TYPE: Auto	HAMMER EFFICIENCY: 86%
SURFACE ELEVATION: 2450'	STATION: 196+65	OFFSET AND OFFSET DIRECTION: 90' L	
DRILLING FIRM: Resilient Drilling Services, LLC	DRILLER: F. Esparza	FIELD ENGINEER: J. Brown	RIG TYPE: CME-75 / RIG NUMBER: 113
REPORTED DEPTH: 80'	GROUNDWATER DEPTH: N/A	REVIEWED BY: M. Meza	LATITUDE: 34.03031 / LONGITUDE: -112.81704

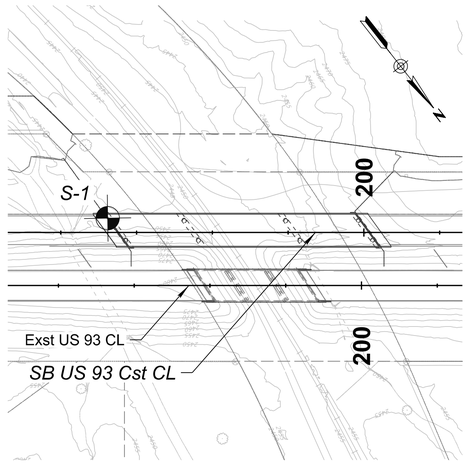
Elevation (feet)	Depth (feet)	Graphic Log	Soil Description and Remarks	Samples: Bulk	Samples: Driven	Samples: Blow Counts/6"	Lab: Moisture Content (%)	Lab: Dry Density (pcf)	Lab: Atterberg Limits (LL-PL-PI)	Lab: Fines (%)
			...continued from previous page							
2410	40		**SAND WITH SILT** (SP-SM), trace fine subangular gravel, predominantly fine to medium subangular sand, moderate cementation, nonplastic, gray to light brown, slightly moist, very dense			20-50/5"				
2405	45									
2400	50					50/5"				
2395	55		53.0 **SILTY CLAY WITH SAND** (CL-ML), some to considerable predominantly fine sand, weak cementation, low plasticity, brown, slightly moist to moist, very firm			17-14-19 (33)	11.5		27-21-6	75.0
2390	60		59.0 **SILTY, CLAYEY SAND** (SC-SM), considerable predominantly fine to medium subangular sand, strong cementation, nonplastic to low plasticity, light brown, slightly moist, hard			30-50/5"				
2385	65		63.0 **SILTY CLAY WITH SAND** (CL-ML), considerable predominantly fine sand, moderate cementation, low plasticity, brown, slightly moist to moist, hard			16-24-37 (61)				
2380	70		68.0 **SILTY, CLAYEY SAND** (SC-SM), occasional fine subangular gravel, predominantly fine sand, moderate cementation, low plasticity, light gray to light brown, slightly moist to moist, very firm to hard			26-28-50/5"				

ethos ENGINEERING, LLC

PROJECT NAME:	US 93, Vista Royale	**BORING ID:**	**S-1**
PROJECT LOCATION:	Yavapai County, Arizona	AGENCY PROJECT NUMBER:	ADOT TRACS F0738 01D
PROJECT NUMBER: 2024112	CLIENT NAME: AECOM Technical Services, Inc	DATE STARTED: 04/29/2025	DATE COMPLETED: 04/30/2025
DRILLING METHOD(S): Tubex	TOOLING: 4-1/2" OD Downhole Percussion Hammer	HAMMER TYPE: Auto	HAMMER EFFICIENCY: 86%
SURFACE ELEVATION: 2450'	STATION: 196+65	OFFSET AND OFFSET DIRECTION: 90' L	
DRILLING FIRM: Resilient Drilling Services, LLC	DRILLER: F. Esparza	FIELD ENGINEER: J. Brown	RIG TYPE: CME-75 / RIG NUMBER: 113
REPORTED DEPTH: 80'	GROUNDWATER DEPTH: N/A	REVIEWED BY: M. Meza	LATITUDE: 34.03031 / LONGITUDE: -112.81704

Elevation (feet)	Depth (feet)	Graphic Log	Soil Description and Remarks	Samples: Bulk	Samples: Driven	Samples: Blow Counts/6"	Lab: Moisture Content (%)	Lab: Dry Density (pcf)	Lab: Atterberg Limits (LL-PL-PI)	Lab: Fines (%)
			...continued from previous page			19-50/5"				
2370	80		**SILTY, CLAYEY SAND** (SC-SM), occasional fine subangular gravel, predominantly fine sand, moderate cementation, low plasticity, light gray to light brown, slightly moist to moist, very firm to hard 81.5			21-22-28 (48)	10.4		25-20-5	47.0

Hammer stopped at 80 feet. Sampler stopped at 81.5 feet.
Backfilled with cuttings.



PLAN

Scale: 1" = 100'-0"

LEGEND:

Boring Location & ID

Registered Professional Engineer Civil
CERTIFICATE
47791
JESSE R
HUSTON
Date Signed 10-JUN-26
ARIZONA, U.S.A.

	NAME	DATE
DESIGN	H. MILLS	06/26
DRAWN	H. MORRIS	06/26
CHECKED	J. HUSTON	06/26

ethos ENGINEERING, LLC. 9180 S Kyrene Rd Suite #104 Tempe, AZ 85284

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

STA 196+
US 93 SB BNSF OP BRIDGE
FOUNDATION DATA SHEET 2

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	456	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE — DWG No. SF-1.02

TRACS NO. F0738 01C — ____ OF____

ethos ENGINEERING, LLC

PROJECT NAME:	US 93, Vista Royale	**BORING ID:**	**S-2**
PROJECT LOCATION:	Yavapai County, Arizona	AGENCY PROJECT NUMBER:	ADOT TRACS F0738 01D
PROJECT NUMBER: 2024112	CLIENT NAME: AECOM Technical Services, Inc	DATE STARTED: 04/30/2025	DATE COMPLETED: 05/01/2025
DRILLING METHOD(S): Tubex	TOOLING: 4-1/2" OD Downhole Percussion Hammer	HAMMER TYPE: Auto	HAMMER EFFICIENCY: 86%
SURFACE ELEVATION: 2450'	STATION: 197+70	OFFSET AND OFFSET DIRECTION: 70' L	
DRILLING FIRM: Resilient Drilling Services, LLC	DRILLER: F. Esparza	FIELD ENGINEER: J. Brown	RIG TYPE: CME-75 / RIG NUMBER: 113
REPORTED DEPTH: 100'	GROUNDWATER DEPTH: N/A	REVIEWED BY: M. Meza	LATITUDE: 34.03041 / LONGITUDE: -112.81721

Elevation (feet)	Depth (feet)	Graphic Log	Soil Description and Remarks	Samples: Bulk	Samples: Driven	Samples: Blow Counts/ft*	Lab: Moisture Content (%)	Lab: Dry Density (pcf)	Lab: Atterberg Limits (LL-PL-PI)	Lab: Fines (%)
			SILTY SAND (SM), trace fine subangular gravel, predominantly fine to medium subangular sand, nonplastic, gray to light brown, slightly moist, firm			11-10	1.2		NP	14.0
2445	5					8-11	0.8	108.9		
2440	10		Note: hard below 10 feet			15-50/5"				
			14.0							
2435	15		**SANDY SILTY CLAY** (CL-ML), rare fine subangular gravel, considerable predominantly fine sand, moderate to strong cementation, low plasticity, slightly moist, hard			37-50/5"				
2430	20					20-37-50/5"	5.7		26-21-5	57.0
2425	25					23-31-50/3"				
2420	30					27-50/5"				
			34.0							
2415	35		**SILTY SAND** (SM), trace predominantly fine subangular gravel, predominantly fine to medium subangular sand, weak to moderate cementation, light brown to light gray, slightly moist, hard			17-31-29 (60)				

ethos ENGINEERING, LLC

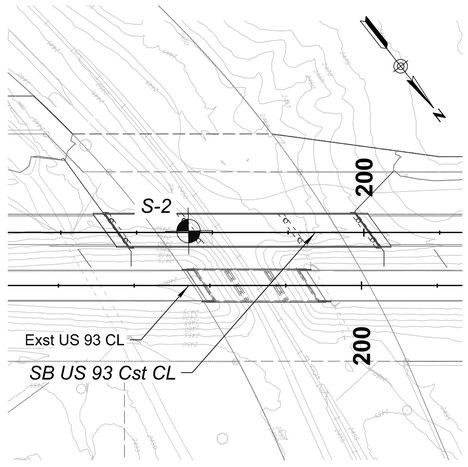
PROJECT NAME:	US 93, Vista Royale	**BORING ID:**	**S-2**
PROJECT LOCATION:	Yavapai County, Arizona	AGENCY PROJECT NUMBER:	ADOT TRACS F0738 01D
PROJECT NUMBER: 2024112	CLIENT NAME: AECOM Technical Services, Inc	DATE STARTED: 04/30/2025	DATE COMPLETED: 05/01/2025
DRILLING METHOD(S): Tubex	TOOLING: 4-1/2" OD Downhole Percussion Hammer	HAMMER TYPE: Auto	HAMMER EFFICIENCY: 86%
SURFACE ELEVATION: 2450'	STATION: 197+70	OFFSET AND OFFSET DIRECTION: 70' L	
DRILLING FIRM: Resilient Drilling Services, LLC	DRILLER: F. Esparza	FIELD ENGINEER: J. Brown	RIG TYPE: CME-75 / RIG NUMBER: 113
REPORTED DEPTH: 100'	GROUNDWATER DEPTH: N/A	REVIEWED BY: M. Meza	LATITUDE: 34.03041 / LONGITUDE: -112.81721

Elevation (feet)	Depth (feet)	Graphic Log	Soil Description and Remarks	Samples: Bulk	Samples: Driven	Samples: Blow Counts/ft*	Lab: Moisture Content (%)	Lab: Dry Density (pcf)	Lab: Atterberg Limits (LL-PL-PI)	Lab: Fines (%)
			...continued from previous page							
2410	40		**SILTY SAND** (SM), trace predominantly fine subangular gravel, predominantly fine to medium subangular sand, weak to moderate cementation, light brown to light gray, slightly moist, hard			27-36-40 (76)	4.9		NP	29.0
2405	45									
2400	50					18-50/5"				
			50.0							
			SILTY CLAY WITH SAND (CL-ML), some to considerable predominantly fine sand, weak cementation, low plasticity, brown, slightly moist to moist, hard			30-50/5"				
2395	55									
2390	60					13-21-50/4"				
2385	65					22-34-50/5"				
			67.0							
2380	70		**SILTY SAND** (SM), rare fine subangular gravel, predominantly fine sand, weak cementation, nonplastic, light gray to light brown, slightly moist, very firm			17-23-28 (51)				
			72.0							
			SAND WITH SILT (SP-SM), occasional predominantly fine subangular gravel, predominantly fine to medium subangular sand, strong cementation, nonplastic, gray to light brown, slightly moist			21-17-18 (35)	6.0		NP	34.0

ethos ENGINEERING, LLC

PROJECT NAME:	US 93, Vista Royale	**BORING ID:**	**S-2**
PROJECT LOCATION:	Yavapai County, Arizona	AGENCY PROJECT NUMBER:	ADOT TRACS F0738 01D
PROJECT NUMBER: 2024112	CLIENT NAME: AECOM Technical Services, Inc	DATE STARTED: 04/30/2025	DATE COMPLETED: 05/01/2025
DRILLING METHOD(S): Tubex	TOOLING: 4-1/2" OD Downhole Percussion Hammer	HAMMER TYPE: Auto	HAMMER EFFICIENCY: 86%
SURFACE ELEVATION: 2450'	STATION: 197+70	OFFSET AND OFFSET DIRECTION: 70' L	
DRILLING FIRM: Resilient Drilling Services, LLC	DRILLER: F. Esparza	FIELD ENGINEER: J. Brown	RIG TYPE: CME-75 / RIG NUMBER: 113
REPORTED DEPTH: 100'	GROUNDWATER DEPTH: N/A	REVIEWED BY: M. Meza	LATITUDE: 34.03041 / LONGITUDE: -112.81721

Elevation (feet)	Depth (feet)	Graphic Log	Soil Description and Remarks	Samples: Bulk	Samples: Driven	Samples: Blow Counts/ft*	Lab: Moisture Content (%)	Lab: Dry Density (pcf)	Lab: Atterberg Limits (LL-PL-PI)	Lab: Fines (%)
			...continued from previous page			25-30-50/5"				
			SAND WITH SILT (SP-SM), occasional predominantly fine subangular gravel, predominantly fine to medium subangular sand, strong cementation, nonplastic, gray to light brown, slightly moist							
2370	80		77.0							
			SILTY, CLAYEY SAND (SC-SM), rare fine subangular gravel, predominantly fine to medium subangular sand, moderate cementation, low plasticity, light brown to white, slightly moist, very firm to hard			20-14-27 (41)				
2385	85									
						26-24-40 (64)				
2380	90									
						25-31-50/5"	4.9		NP	21.0
2355	95					30-50/5"				
			Note: decreased fines at 99 feet 99.9							
			Hammer stopped at 99 feet. Sampler refused at 99.9 feet. Backfilled with cuttings.			30-50/5"				



PLAN

Scale: 1" = 100'-0"

LEGEND:

Boring Location & ID

Registered Professional Engineer — CERTIFICATE — 47791 JESSE R HUSTON — Date Signed 10-JUN-26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	H. MILLS	06/26
DRAWN	H. MORRIS	06/26
CHECKED	J. HUSTON	06/26

ethos ENGINEERING, LLC. 9180 S Kyrene Rd Suite #104 Tempe, AZ 85284

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

STA 196+
US 93 SB BNSF OP BRIDGE
FOUNDATION DATA SHEET 3

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	457	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE — DWG No. SF-1.03

TRACS NO. F0738 01C — ____ OF____

ethos ENGINEERING, LLC

PROJECT NAME:	US 93, Vista Royale	**BORING ID:**	**S-3**
PROJECT LOCATION:	Yavapai County, Arizona	AGENCY PROJECT NUMBER:	ADOT TRACS F0738 01D
PROJECT NUMBER: 2024112	CLIENT NAME: AECOM Technical Services, Inc	DATE STARTED: 05/01/2025	DATE COMPLETED: 05/02/2025
DRILLING METHOD(S): Tubex	TOOLING: 4-1/2" OD Downhole Percussion Hammer	HAMMER TYPE: Auto	HAMMER EFFICIENCY: 86%
SURFACE ELEVATION: 2450'	STATION: 199+05	OFFSET AND OFFSET DIRECTION: 70' L	
DRILLING FIRM: Resilient Drilling Services, LLC	DRILLER: F. Esparza	FIELD ENGINEER: J. Brown/ L. Sulzen	RIG TYPE: CME-75 / RIG NUMBER: 113
REPORTED DEPTH: 100'	GROUNDWATER DEPTH: N/A	REVIEWED BY: M. Meza	LATITUDE: 34.03074 / LONGITUDE: -112.81761

Elevation (feet)	Depth (feet)	Graphic Log	Soil Description and Remarks	Samples: Bulk	Samples: Driven	Samples: Blow Counts/6"	Lab: Moisture Content (%)	Lab: Dry Density (pcf)	Lab: Atterberg Limits (LL-PL-PI)	Lab: Fines (%)
2445	5		**SAND WITH SILT** (SP-SM), trace fine subangular gravel, predominantly fine to medium subangular sand, nonplastic, light brown, slightly moist, medium dense to dense			4-13	1.1		NP	9.9
						15-28	1.1	111.1		
2440	10					35-21				
			12.0							
2435	15		**SAND** (SP), trace fine to coarse subangular gravel, predominantly fine to medium subangular sand, nonplastic, light brown, slightly moist, dense to very dense			18-18-32 (50)	3.4		NP	4.6
			19.0							
2430	20		**SILTY SAND** (SM), occasional fine to coarse subangular gravel, predominantly fine to medium subangular sand, weak to moderate cementation, nonplastic, light gray to light brown, slightly moist, very firm to hard			26-22-25 (47)				
2425	25					36-22-22 (44)				
2420	30					23-30-40 (70)	6.3		NP	35.0
2415	35					31-50/3"				

Page 1 of 3

ethos ENGINEERING, LLC

PROJECT NAME:	US 93, Vista Royale	**BORING ID:**	**S-3**
PROJECT LOCATION:	Yavapai County, Arizona	AGENCY PROJECT NUMBER:	ADOT TRACS F0738 01D
PROJECT NUMBER: 2024112	CLIENT NAME: AECOM Technical Services, Inc	DATE STARTED: 05/01/2025	DATE COMPLETED: 05/02/2025
DRILLING METHOD(S): Tubex	TOOLING: 4-1/2" OD Downhole Percussion Hammer	HAMMER TYPE: Auto	HAMMER EFFICIENCY: 86%
SURFACE ELEVATION: 2450'	STATION: 199+05	OFFSET AND OFFSET DIRECTION: 70' L	
DRILLING FIRM: Resilient Drilling Services, LLC	DRILLER: F. Esparza	FIELD ENGINEER: J. Brown/ L. Sulzen	RIG TYPE: CME-75 / RIG NUMBER: 113
REPORTED DEPTH: 100'	GROUNDWATER DEPTH: N/A	REVIEWED BY: M. Meza	LATITUDE: 34.03074 / LONGITUDE: -112.81761

Elevation (feet)	Depth (feet)	Graphic Log	Soil Description and Remarks	Samples: Bulk	Samples: Driven	Samples: Blow Counts/6"	Lab: Moisture Content (%)	Lab: Dry Density (pcf)	Lab: Atterberg Limits (LL-PL-PI)	Lab: Fines (%)
2410	40		...continued from previous page **SILTY SAND** (SM), occasional fine to coarse subangular gravel, predominantly fine to medium subangular sand, weak to moderate cementation, nonplastic, light gray to light brown, slightly moist, very firm to hard			18-25-26 (50)				
2405	45									
			Note: occasional fine subangular gravel below 45 feet			19-17-24 (41)	3.3		NP	13.0
2400	50		50.0 **SILTY, CLAYEY SAND** (SC-SM), occasional fine subangular gravel, predominantly fine to medium subangular sand, weak cementation, low plasticity, light brown, slightly moist, hard			19-26-25 (51)				
2395	55					15-18-28 (46)				
2390	60		60.0 **SILTY SAND** (SM), occasional fine subangular to subrounded gravel, predominantly fine to medium subangular sand, weak to moderate cementation, nonplastic, light brown to gray, slightly moist, hard			20-32-35 (67)	3.5		NP	22.0
2385	65					40-50/5"				
2380	70					27-32-50/3"				

Page 2 of 3

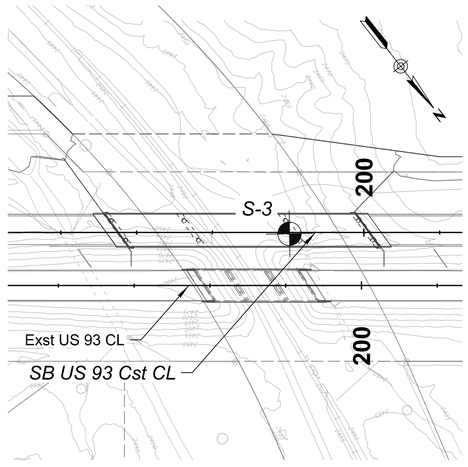
ethos ENGINEERING, LLC

PROJECT NAME:	US 93, Vista Royale	**BORING ID:**	**S-3**
PROJECT LOCATION:	Yavapai County, Arizona	AGENCY PROJECT NUMBER:	ADOT TRACS F0738 01D
PROJECT NUMBER: 2024112	CLIENT NAME: AECOM Technical Services, Inc	DATE STARTED: 05/01/2025	DATE COMPLETED: 06/02/2025
DRILLING METHOD(S): Tubex	TOOLING: 4-1/2" OD Downhole Percussion Hammer	HAMMER TYPE: Auto	HAMMER EFFICIENCY: 86%
SURFACE ELEVATION: 2450'	STATION: 199+05	OFFSET AND OFFSET DIRECTION: 70' L	
DRILLING FIRM: Resilient Drilling Services, LLC	DRILLER: F. Esparza	FIELD ENGINEER: J. Brown/ L. Sulzen	RIG TYPE: CME-75 / RIG NUMBER: 113
REPORTED DEPTH: 100'	GROUNDWATER DEPTH: N/A	REVIEWED BY: M. Meza	LATITUDE: 34.03074 / LONGITUDE: -112.81761

Elevation (feet)	Depth (feet)	Graphic Log	Soil Description and Remarks	Samples: Bulk	Samples: Driven	Samples: Blow Counts/6"	Lab: Moisture Content (%)	Lab: Dry Density (pcf)	Lab: Atterberg Limits (LL-PL-PI)	Lab: Fines (%)
			...continued from previous page			50/5"				
2370	80		**SILTY SAND** (SM), occasional fine subangular to subrounded gravel, predominantly fine to medium subangular sand, weak to moderate cementation, nonplastic, light brown to gray, slightly moist, hard			34-50/5"				
2365	85		Note: slightly moist to moist below 85 feet			26-50/5"				
2360	90					20-50/4"				
2355	95					26-33-50/4"	3.2		NP	13.0
			99.4			50/5"				

Hammer stopped at 99 feet. Sampler refused at 99.4 feet.
Backfilled with cuttings.

Page 3 of 3



PLAN

Scale: 1" = 100'-0"

LEGEND:

Boring Location & ID

Registered Professional Engineer — CERTIFICATE — 47791 JESSE R HUSTON — Date Signed 10-JUN-26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	H. MILLS	06/26
DRAWN	H. MORRIS	06/26
CHECKED	J. HUSTON	06/26

ethos ENGINEERING, LLC. 9180 S Kyrene Rd Suite #104 Tempe, AZ 85284

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

STA 196+
US 93 SB BNSF OP BRIDGE
FOUNDATION DATA SHEET 4

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	458	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE — DWG No. SF-1.04

TRACS NO. F0738 01C — ____ OF____

ethos ENGINEERING, LLC

PROJECT NAME:	US 93, Vista Royale	**BORING ID:**	**S-4**
PROJECT LOCATION:	Yavapai County, Arizona	AGENCY PROJECT NUMBER:	ADOT TRACS F0738 01D
PROJECT NUMBER: 2024112	CLIENT NAME: AECOM Technical Services, Inc	DATE STARTED: 05/02/2025	DATE COMPLETED: 05/02/2025
DRILLING METHOD(S): Tubex	TOOLING: 4-1/2" OD Downhole Percussion Hammer	HAMMER TYPE: Auto	HAMMER EFFICIENCY: 84%
SURFACE ELEVATION: 2468'	STATION: 200+10	OFFSET AND OFFSET DIRECTION: 70' L	
DRILLING FIRM: Resilient Drilling Services, LLC	DRILLER: F. Esparza	FIELD ENGINEER: S. Singhar	RIG TYPE: CME-75 / RIG NUMBER: 127
REPORTED DEPTH: 80'	GROUNDWATER DEPTH: N/A	REVIEWED BY: M. Meza	LATITUDE: 34.03092 / LONGITUDE: -112.81789

Elevation (feet)	Depth (feet)	Graphic Log	Soil Description and Remarks	Samples: Bulk	Samples: Driven	Blow Counts/6"	Lab: Moisture Content (%)	Lab: Dry Density (pcf)	Lab: Atterberg Limits (LL-PL-PI)	Lab: Fines (%)
2465			**SILTY SAND** (SM), some cobbles, trace predominantly fine subangular to subrounded gravel, predominantly fine to medium subangular sand, weak cementation, nonplastic, light gray to brown, slightly moist to moist, hard			19-20-38 (58)	4.2		NP	28.0
	5					35-30-25 (55)				
2460										
	10					7-24-28 (52)				
			12.0							
2455			**GRAVEL WITH SAND** (GP), predominantly fine subangular to subrounded gravel, considerable predominantly fine to medium subangular sand, nonplastic, grayish brown, slightly moist, very dense							
	15		14.0			50/5"				
2450			**SAND WITH SILT** (SP-SM), predominantly fine sand, nonplastic, brown, slightly moist, very dense							
			19.0							
	20		**SILTY, CLAYEY SAND** (SC-SM), trace predominantly fine subangular gravel, predominantly fine sand, moderate to strong cementation, low plasticity, brown, slightly moist, hard			34-50/3"				
2445			23.0							
			SAND WITH SILT (SP-SM), trace fine subangular to subrounded gravel, predominantly fine to medium subangular sand, nonplastic, grayish brown, slightly moist, very dense							
	25					21-22-38 (60)	1.1		NP	7.1
2440										
	30		30.0			22-37-35 (72)				
			SAND WITH SILT AND GRAVEL (SP-SM), some fine subangular to subrounded gravel, predominantly fine to medium subangular sand, weak to moderate cementation, nonplastic, brown to light brown, slightly moist, very dense							
2435										
	35					25-23-38 (61)				

Page 1 of 3

ethos ENGINEERING, LLC

PROJECT NAME:	US 93, Vista Royale	**BORING ID:**	**S-4**
PROJECT LOCATION:	Yavapai County, Arizona	AGENCY PROJECT NUMBER:	ADOT TRACS F0738 01D
PROJECT NUMBER: 2024112	CLIENT NAME: AECOM Technical Services, Inc	DATE STARTED: 05/02/2025	DATE COMPLETED: 05/02/2025
DRILLING METHOD(S): Tubex	TOOLING: 4-1/2" OD Downhole Percussion Hammer	HAMMER TYPE: Auto	HAMMER EFFICIENCY: 84%
SURFACE ELEVATION: 2468'	STATION: 200+10	OFFSET AND OFFSET DIRECTION: 70' L	
DRILLING FIRM: Resilient Drilling Services, LLC	DRILLER: F. Esparza	FIELD ENGINEER: S. Singhar	RIG TYPE: CME-75 / RIG NUMBER: 127
REPORTED DEPTH: 80'	GROUNDWATER DEPTH: N/A	REVIEWED BY: M. Meza	LATITUDE: 34.03092 / LONGITUDE: -112.81789

Elevation (feet)	Depth (feet)	Graphic Log	Soil Description and Remarks	Samples: Bulk	Samples: Driven	Blow Counts/6"	Lab: Moisture Content (%)	Lab: Dry Density (pcf)	Lab: Atterberg Limits (LL-PL-PI)	Lab: Fines (%)
			...continued from previous page							
	40		**SAND WITH SILT AND GRAVEL** (SP-SM), some fine subangular to subrounded gravel, predominantly fine to medium subangular sand, weak to moderate cementation, nonplastic, brown to light brown, slightly moist, very dense			28-25-33 (58)	2.8		NP	10.0
2425										
	45					20-24-29 (53)				
2420			Note: gravel lens between 47 to 49 feet							
	50		50.0			31-50/5"				
			SILTY SAND (SM), trace to some fine subangular to subrounded gravel, predominantly fine to medium subangular sand, moderate to strong cementation, nonplastic, brown, slightly moist; hard							
2415										
	55					50/4"				
2410										
	60					50/5"				
			62.0							
2405			**GRAVEL WITH SAND** (GP), considerable fine to medium subangular sand, predominantly fine subangular to subrounded gravel, nonplastic, grayish brown, slightly moist, very dense							
	65					40-25-30 (55)				
2400			68.0							
			SAND WITH SILT (SP-SM), occasional fine subangular to subrounded gravel, predominantly fine to medium subangular sand, weak lime cementation, nonplastic, grayish brown, slightly moist; very dense							
	70					30-50/5"	1.9		NP	6.8
2395										

Page 2 of 3

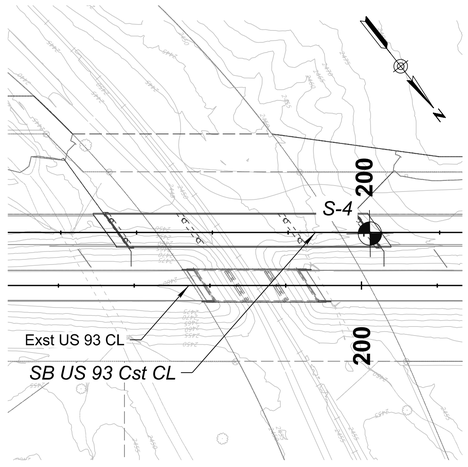
ethos ENGINEERING, LLC

PROJECT NAME:	US 93, Vista Royale	**BORING ID:**	**S-4**
PROJECT LOCATION:	Yavapai County, Arizona	AGENCY PROJECT NUMBER:	ADOT TRACS F0738 01D
PROJECT NUMBER: 2024112	CLIENT NAME: AECOM Technical Services, Inc	DATE STARTED: 05/02/2025	DATE COMPLETED: 06/02/2025
DRILLING METHOD(S): Tubex	TOOLING: 4-1/2" OD Downhole Percussion Hammer	HAMMER TYPE: Auto	HAMMER EFFICIENCY: 84%
SURFACE ELEVATION: 2468'	STATION: 200+10	OFFSET AND OFFSET DIRECTION: 70' L	
DRILLING FIRM: Resilient Drilling Services, LLC	DRILLER: F. Esparza	FIELD ENGINEER: S. Singhar	RIG TYPE: CME-75 / RIG NUMBER: 127
REPORTED DEPTH: 80'	GROUNDWATER DEPTH: N/A	REVIEWED BY: M. Meza	LATITUDE: 34.03092 / LONGITUDE: -112.81789

Elevation (feet)	Depth (feet)	Graphic Log	Soil Description and Remarks	Samples: Bulk	Samples: Driven	Blow Counts/6"	Lab: Moisture Content (%)	Lab: Dry Density (pcf)	Lab: Atterberg Limits (LL-PL-PI)	Lab: Fines (%)
2390			**SILTY SAND WITH GRAVEL** (SM), some fine subangular to subrounded gravel, predominantly fine to medium subangular sand, nonplastic, grayish brown, slightly moist, hard			40-37-30 (67)				
	80		Note: reddish brown at 75 feet							
			81.4			21-35-50/5"				

Hammer stopped at 80 feet. Sampler refused at 81.4 feet.
Backfilled with cuttings.

Page 3 of 3



PLAN

Scale: 1" = 100'-0"

LEGEND:

Boring Location & ID

Registered Professional Engineer — CERTIFICATE — 47791 — JESSE R HUSTON — Date Signed 10-JUN-26 — ARIZONA, U.S.A.

	NAME	DATE
DESIGN	H. MILLS	06/26
DRAWN	H. MORRIS	06/26
CHECKED	J. HUSTON	06/26

ethos ENGINEERING, LLC. 9180 S Kyrene Rd Suite #104 Tempe, AZ 85284

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
BRIDGE GROUP

STA 196+
US 93 SB BNSF OP BRIDGE
FOUNDATION DATA SHEET 5

ROUTE	MILEPOST	STRUCTURE NO.
US 93	192.90	20313

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B-(230)T	459	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE — DWG No. SF-1.05

TRACS NO. F0738 01C — ____ OF____

NATIVE PLANT INVENTORY
Plants Tagged In Field - Station 190+00 To Station 354+10

ID #	Symbol	Botanical Name	Common Name	Height (ft)	Salvage Designation	Condition	Canes	Total per Species
105	FC	Ferocactus cylindraceus	Barrel Cactus	2	Salvage	Good		1
106	FS	Fouquieria splendens	Ocotillo	12	Salvage	Good	25	1
107	PG	Peniocereus greggii	Arizona Queen Of The Night	2	Salvage	Good		1
Bid Quantity Total (Per Species)								3

SMALL CACTUS TABULATION
(Plants Not Tagged) (Mile Post Limits Reflect Inventory Segments Not Sheet Cuts)

SCIENTIFIC NAME COMMON NAME	MP 193 to MP 192	MP 192 to MP 191	MP 191 to MP 190	Total per Species
Cylindropuntia acanthocarpa Buckhorn Cholla	9	5	63	77
Cylindropuntia leptocaulis Desert Christmas Cactus	0	3	1	4
Mammillaria grahamii Fishhook Pincushion	0	0	1	1
Opuntia chorotica Pancake Prickly Pear	0	4	5	9
Opuntia engelmannii Desert Prickly Pear	0	6	0	6
Yucca baccata Banana Yucca	1	0	1	2
Yucca elata Soaptree Yucca	0	1	12	13
Total per MP Section (small cactus species)	10	19	83	112

NOTES:

1. The plants noted for salvage in the Inventory Table shall be replanted as shown on the landscape revegetation sheets.
2. Refer to the Landscape Revegetation Summary Sheets for replanting requirements for small cactus.
3. The quantity of inventoried plants is for information purposes only and is not a basis for pay item quantities. The pay item quantities for plant salvage and replanting are shown on Dwg L-1.01.

NATIVE PLANT INVENTORY
Plants Tagged In Field - Station 110+00 TO Station 190+00

ID #	Symbol	Botanical Name	Common Name	Height (ft)	Salvage Designation	Condition	Canes	Total per Species
200	FC	Ferocactus cylindraceus	Barrel Cactus	1	Salvage	Good		1
201	FC	Ferocactus cylindraceus	Barrel Cactus	1	Remain In Place	Good		1
202	FC	Ferocactus cylindraceus	Barrel Cactus	1	Remain In Place	Good		1
203	FC	Ferocactus cylindraceus	Barrel Cactus	1	Salvage	Good		1
204	FC	Ferocactus cylindraceus	Barrel Cactus	1	Remain In Place	Good		1
205	FC	Ferocactus cylindraceus	Barrel Cactus	2	Salvage	Good		1
206	FC	Ferocactus cylindraceus	Barrel Cactus	2	Salvage	Good		1
207	FC	Ferocactus cylindraceus	Barrel Cactus	2	Salvage	Good		1
208	FC	Ferocactus cylindraceus	Barrel Cactus	1	Salvage	Good		1
209	FC	Ferocactus cylindraceus	Barrel Cactus	1	Salvage	Good		1
210	FC	Ferocactus cylindraceus	Barrel Cactus	1	Salvage	Good		1
211	FC	Ferocactus cylindraceus	Barrel Cactus	1	Salvage	Good		1
212	FC	Ferocactus cylindraceus	Barrel Cactus	1	Salvage	Good		1
213	FC	Ferocactus cylindraceus	Barrel Cactus	1	Salvage	Good		1
214	FC	Ferocactus cylindraceus	Barrel Cactus	1	Salvage	Good		1
215	FC	Ferocactus cylindraceus	Barrel Cactus	1	Salvage	Good		1
216	FC	Ferocactus cylindraceus	Barrel Cactus	1	Salvage	Good		1
217	FC	Ferocactus cylindraceus	Barrel Cactus	1	Salvage	Good		1
218	FC	Ferocactus cylindraceus	Barrel Cactus	1	Salvage	Good		1
219	FS	Fouquieria splendens	Ocotillo	1	Remain-In-Place	Good	25	1
220	FC	Ferocactus cylindraceus	Barrel Cactus	1	Remain-In-Place	Good		1
221	FC	Ferocactus cylindraceus	Barrel Cactus	1	Remain-In-Place	Good		1
222	FC	Ferocactus cylindraceus	Barrel Cactus	1	Remain-In-Place	Good		1
223	FC	Ferocactus cylindraceus	Barrel Cactus	1	Remain-In-Place	Good		1
224	FC	Ferocactus cylindraceus	Barrel Cactus	1	Remain-In-Place	Good		1
225	FC	Ferocactus cylindraceus	Barrel Cactus	1	Remain-In-Place	Good		1
226	FC	Ferocactus cylindraceus	Barrel Cactus	1	Remain-In-Place	Good		1
Bid Quantity Total (Per Species)								27

SMALL CACTUS TABULATION
(Plants Not Tagged) - Station 110+00 to Station 190+00

SCIENTIFIC NAME COMMON NAME	Total Per Species
Cylindropuntia acanthocarpa Buckhorn Cholla	12
Yucca elata Soaptree Yucca	41
	53

REV. DATE: 4/21

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGANSIMPSON
222 SOUTH MILL AVENUE, SUITE 222
TEMPE, AZ 85281
P (480) 967-1343

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

PLANT INVENTORY SUMMARY SHEET

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	460	524	
MILEPOST 189.92						
STRUCTURE NO.						

F.H.W.A. Arizona Division

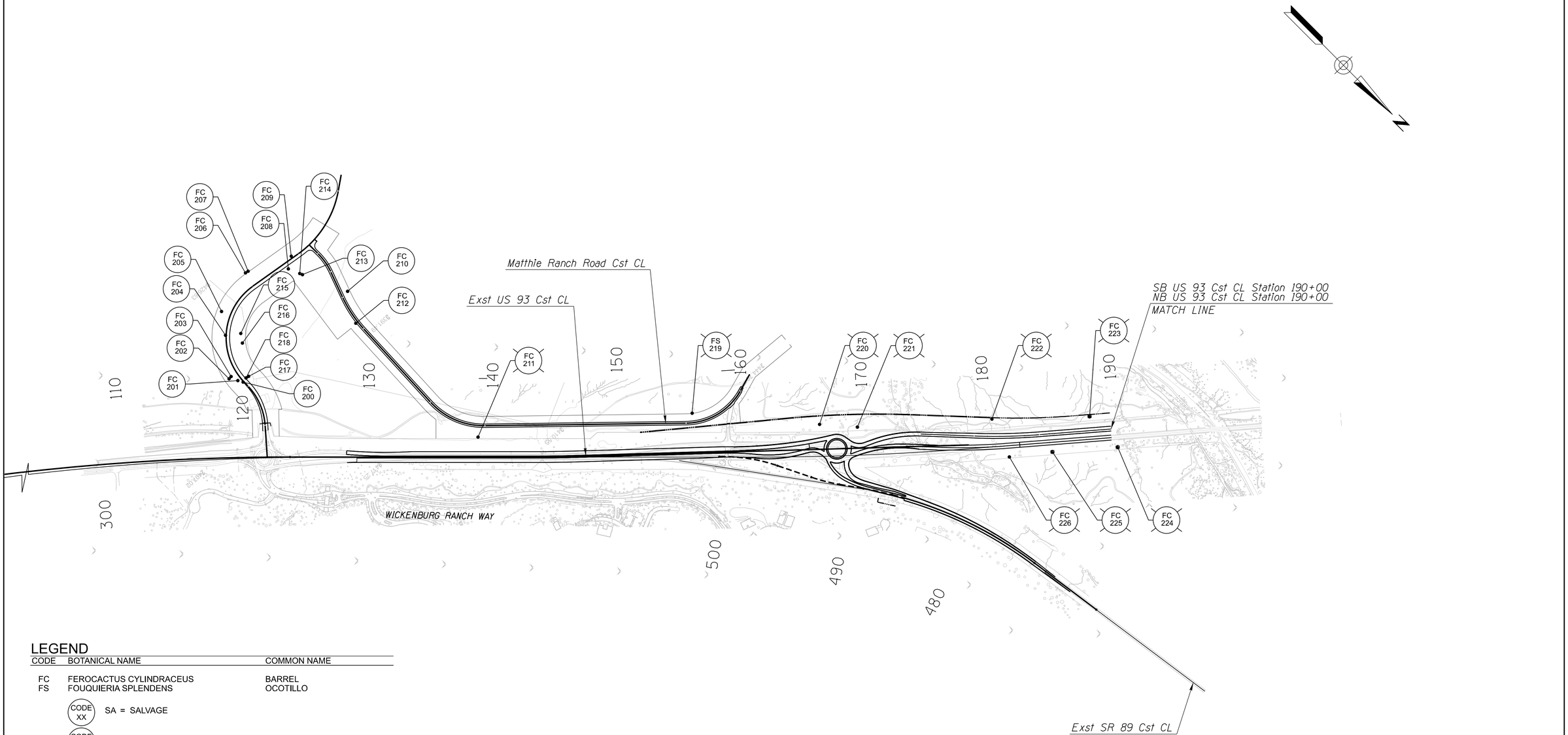
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. P-1.01

____ OF ____

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LEGEND

CODE	BOTANICAL NAME	COMMON NAME
FC	FEROCACTUS CYLINDRACEUS	BARREL
FS	FOUQUIERIA SPLENDENS	OCOTILLO

CODE XX SA = SALVAGE

CODE XX NS = NO SALVAGE

CODE XX RIP = REMAIN IN PLACE

0' 25' 50' 100'

SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT CERTIFICATE NO. 21401 M. WAYNE COLEBANK Date Signed 06/11/2026 ARIZONA, U.S.A. Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
233 SOUTH MILL AVENUE, SUITE 202
TEMPE, AZ 85281
P (480) 967-1343

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

PLANT INVENTORY
US 93 STA 110+00 TO STA 190+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division | STATE ARIZ. | PROJECT NO. 093 YV 189 | FEDERAL ID NO. 093-B(230)T | SHEET NO. 461 | TOTAL SHEETS 524 | RECORD DRAWING

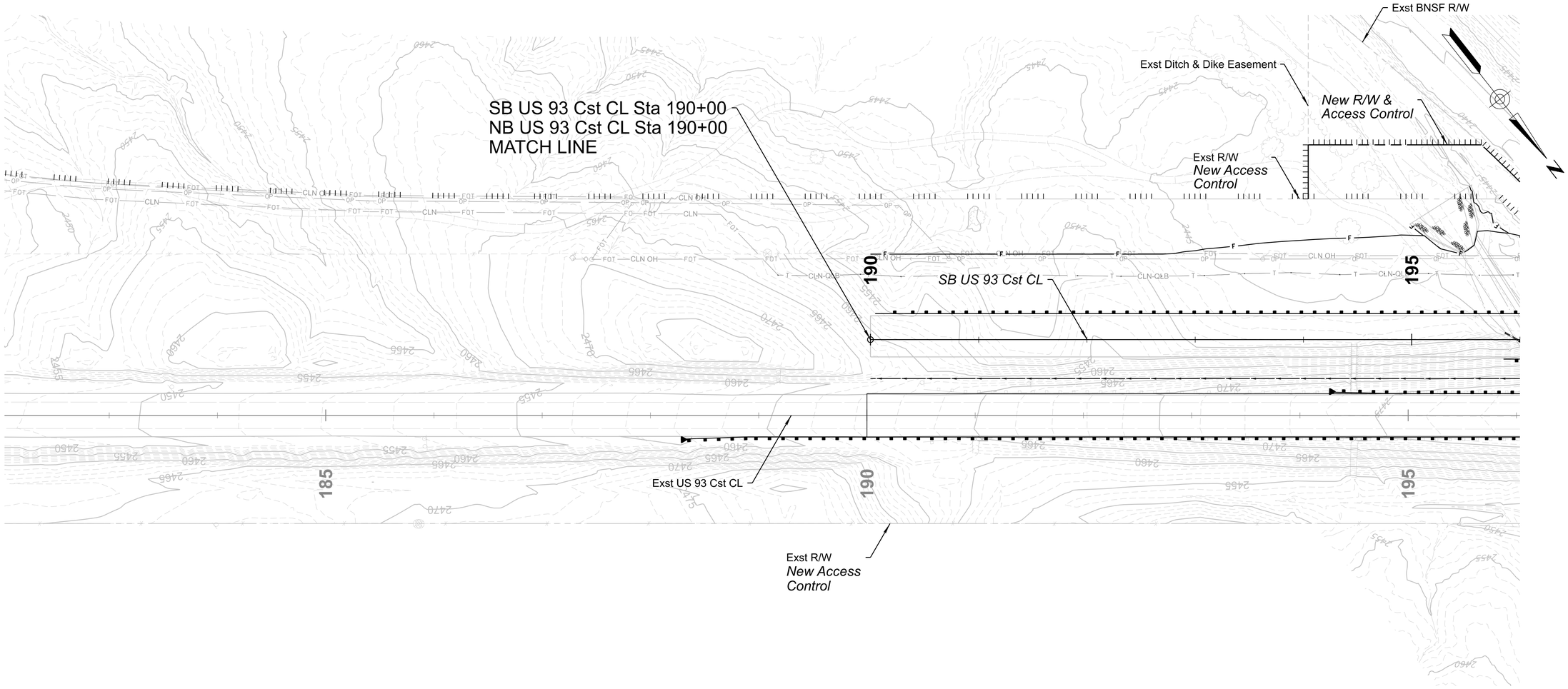
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. P-2.01

TRACS NO. F0738 01C

____ OF ____

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LEGEND

CODE	BOTANICAL NAME	COMMON NAME
FC	FEROCACTUS CYLINDRACEUS	BARREL
FS	FOUQUIERIA SPLENDENS	OCOTILLO
PG	PENIOCEREUS GREGGII	ARIZONA QUEEN OF THE NIGHT

CODE XX — SA = SALVAGE

CODE XX — NS = NO SALVAGE

CODE XX — RIP = REMAIN IN PLACE

0' 25' 50' 100'

SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT — CERTIFICATE NO. 24401 — M. WAYNE COLEBANK — Date Signed 06/11/2026 — ARIZONA, U.S.A. — Expires 06/30/2028

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON

333 SOUTH MILL AVENUE, SUITE 333
TEMPE, AZ 85281
P (480) 967-1343

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

PLANT INVENTORY
SB US 93 STA 190+00 TO STA 196+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	462	524	

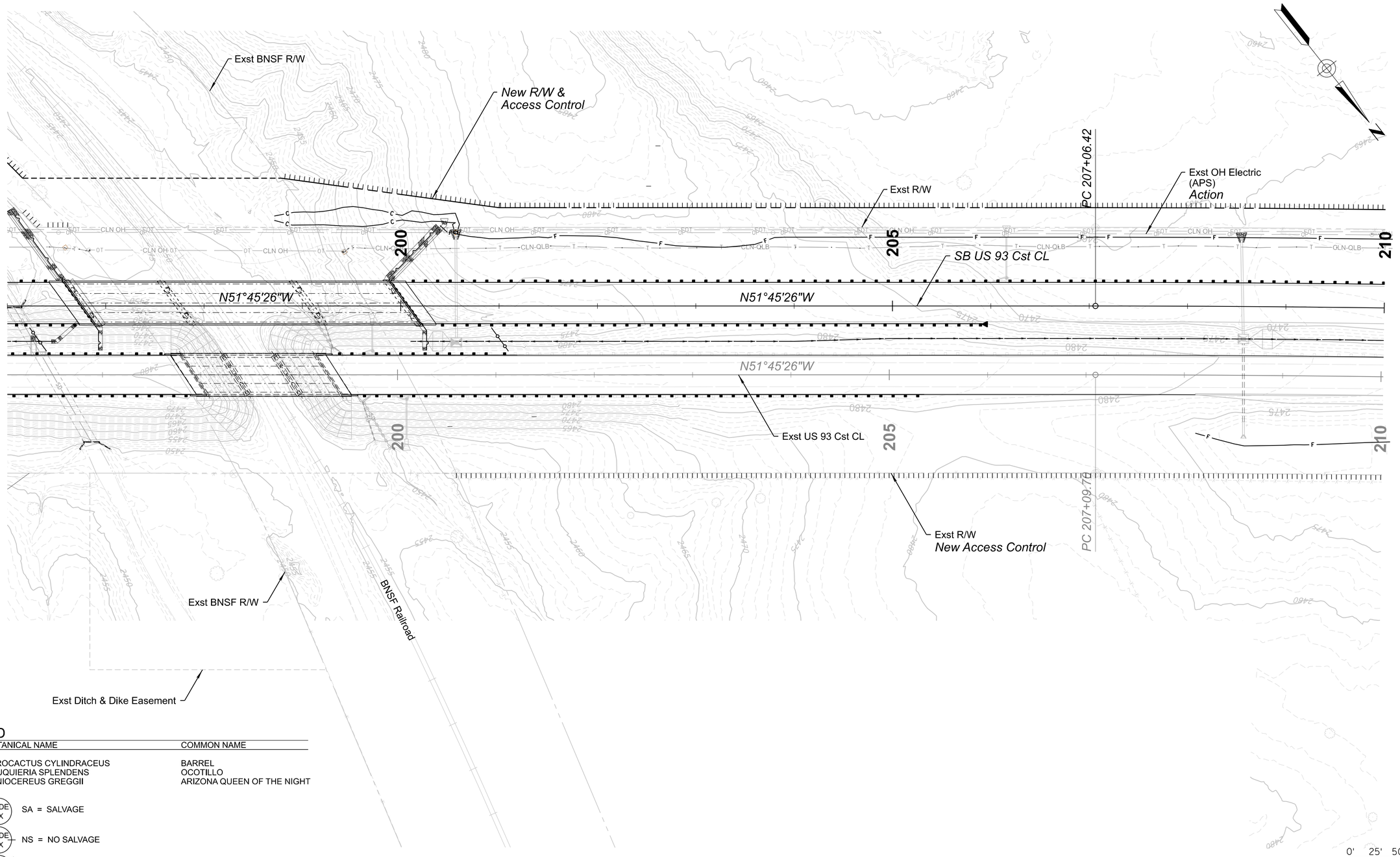
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. P-2.02

TRACS NO. F0738 01C

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6/11/2026 @11:00:05 AM WHerrera



LEGEND

CODE	BOTANICAL NAME	COMMON NAME
FC	FEROCACTUS CYLINDRACEUS	BARREL
FS	FOUQUIERIA SPLENDENS	OCOTILLO
PG	PENIOCEREUS GREGGII	ARIZONA QUEEN OF THE NIGHT

CODE XX SA = SALVAGE

CODE XX NS = NO SALVAGE

CODE XX RIP = REMAIN IN PLACE

NO INVENTORIED PLANT MATERIAL THIS SHEET

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2009

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
222 SOUTH MILL AVENUE, SUITE 310
TEMPE, AZ 85281
T (480) 967-1343

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

PLANT INVENTORY
SB US 93 STA 196+00 TO STA 210+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	463	524	

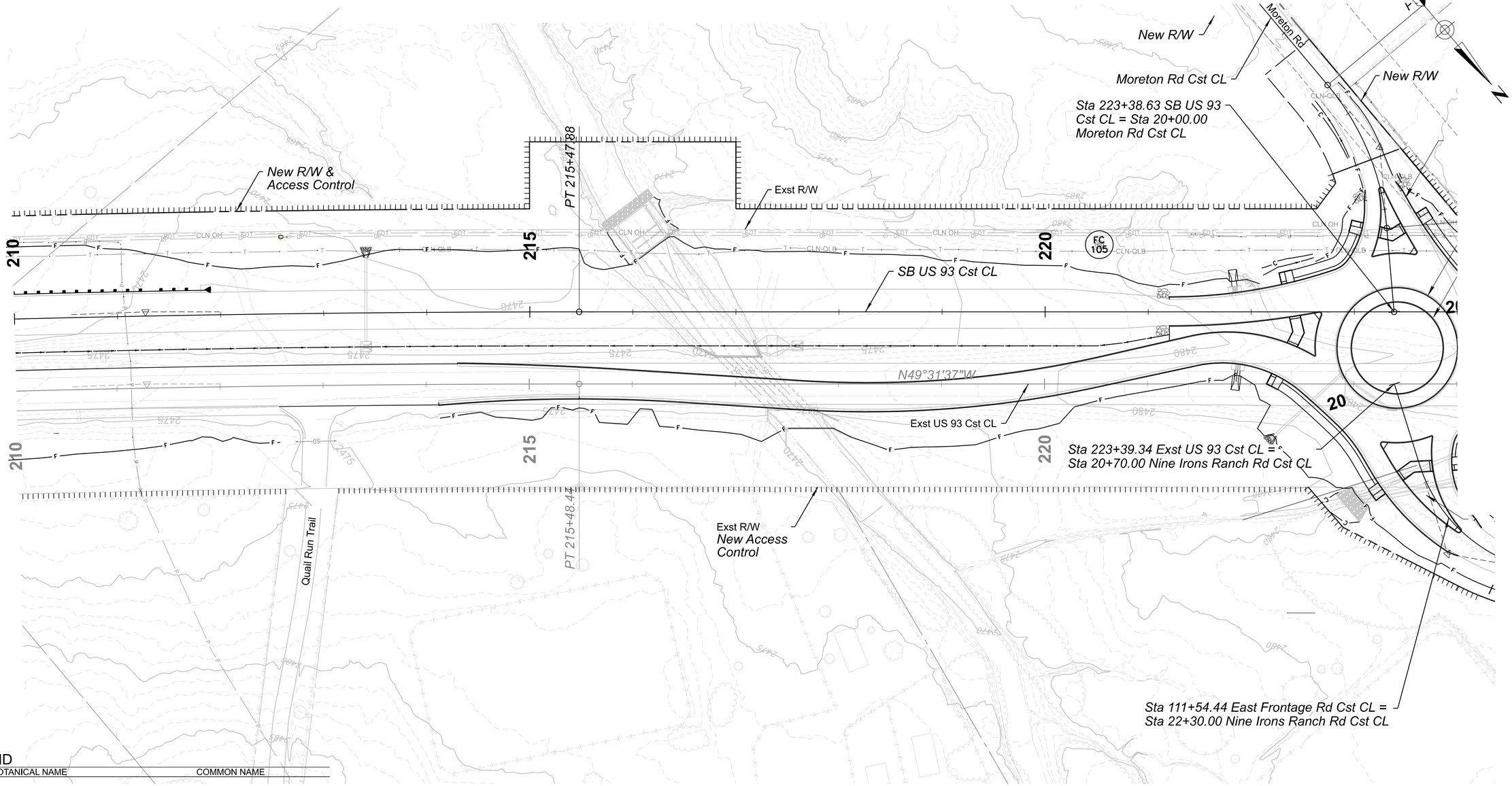
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. P-2.03

TRACS NO. F0738 01C

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LEGEND

CODE	BOTANICAL NAME	COMMON NAME
FC	FEROCACTUS CYLINDRACEUS	BARREL
FS	FOUQUIERIA SPLENDENS	OCOTILLO
PG	PENIOCEREUS GREGGII	ARIZONA QUEEN OF THE NIGHT

CODE XX SA = SALVAGE

CODE XX NS = NO SALVAGE

CODE XX RIP = REMAIN IN PLACE

0' 25' 50' 100'

SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
333 SOUTHRIM AVENUE, SUITE 222
TEMPE, ARIZONA
T (480) 367-1540

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

PLANT INVENTORY
SB US 93 STA 210+00 TO STA 224+00
E FRONTAGE RD STA 111+54 TO STA 112+00

ROUTE: US 93
MILEPOST: 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	464	524	

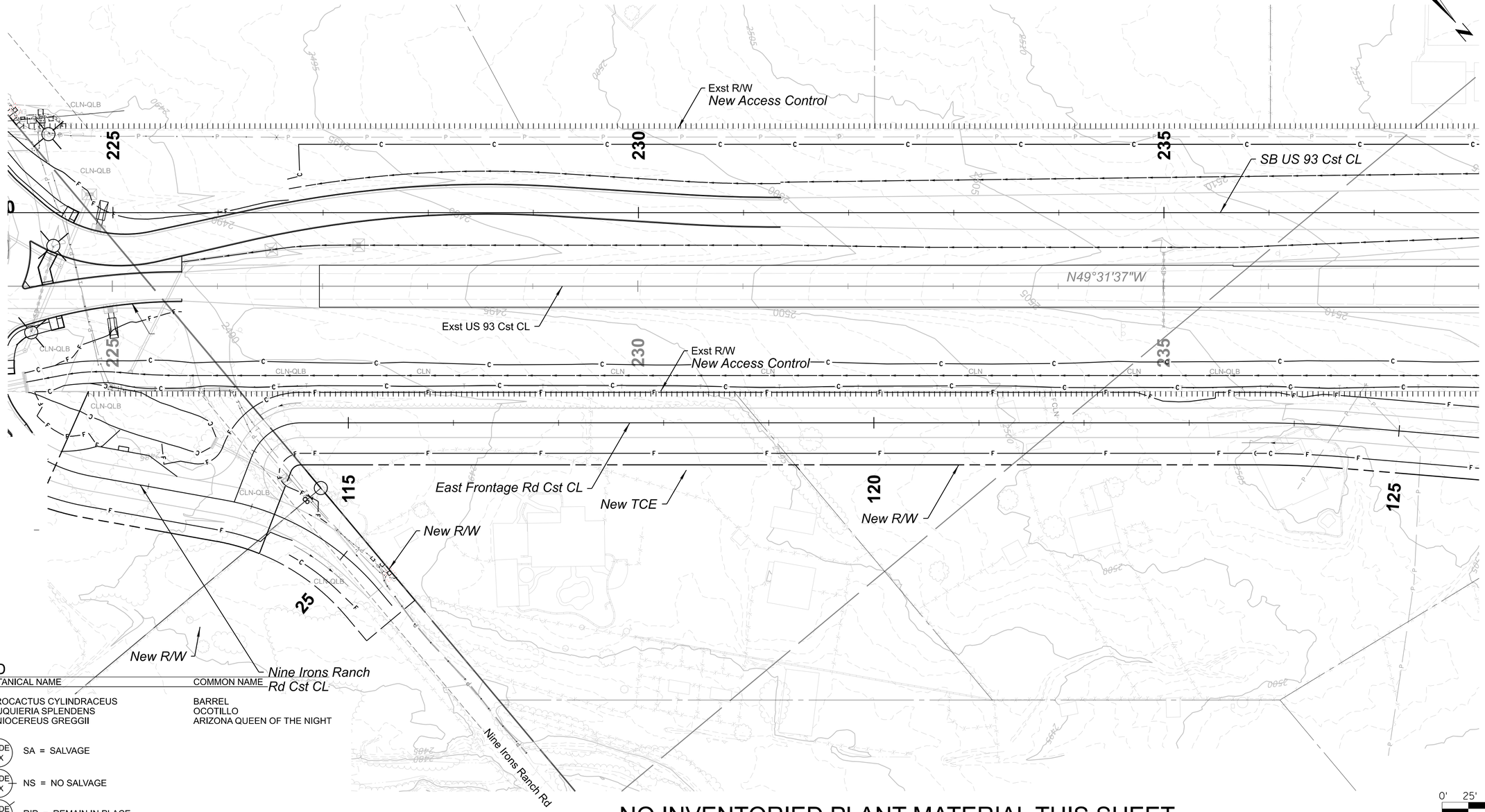
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. P-2.04

TRACS NO. F0738 01C

____ OF ____

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LEGEND

CODE	BOTANICAL NAME	COMMON NAME
FC	FEROCACTUS CYLINDRACEUS	BARREL
FS	FOUQUIERIA SPLENDENS	OCOTILLO
PG	PENIOCEREUS GREGGII	ARIZONA QUEEN OF THE NIGHT

CODE XX — SA = SALVAGE

CODE XX — NS = NO SALVAGE

CODE XX — RIP = REMAIN IN PLACE

NO INVENTORIED PLANT MATERIAL THIS SHEET

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
223 SOUTH MILL AVENUE, SUITE 203
TEMPE, AZ 85281
P (480) 967-1343

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

PLANT INVENTORY
SB US 93 STA 224+00 TO STA 238+00
E FRONTAGE RD STA 112+00 TO STA 126+00

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	465	524	
MILEPOST 189.92						
STRUCTURE NO.						

F.H.W.A. Arizona Division

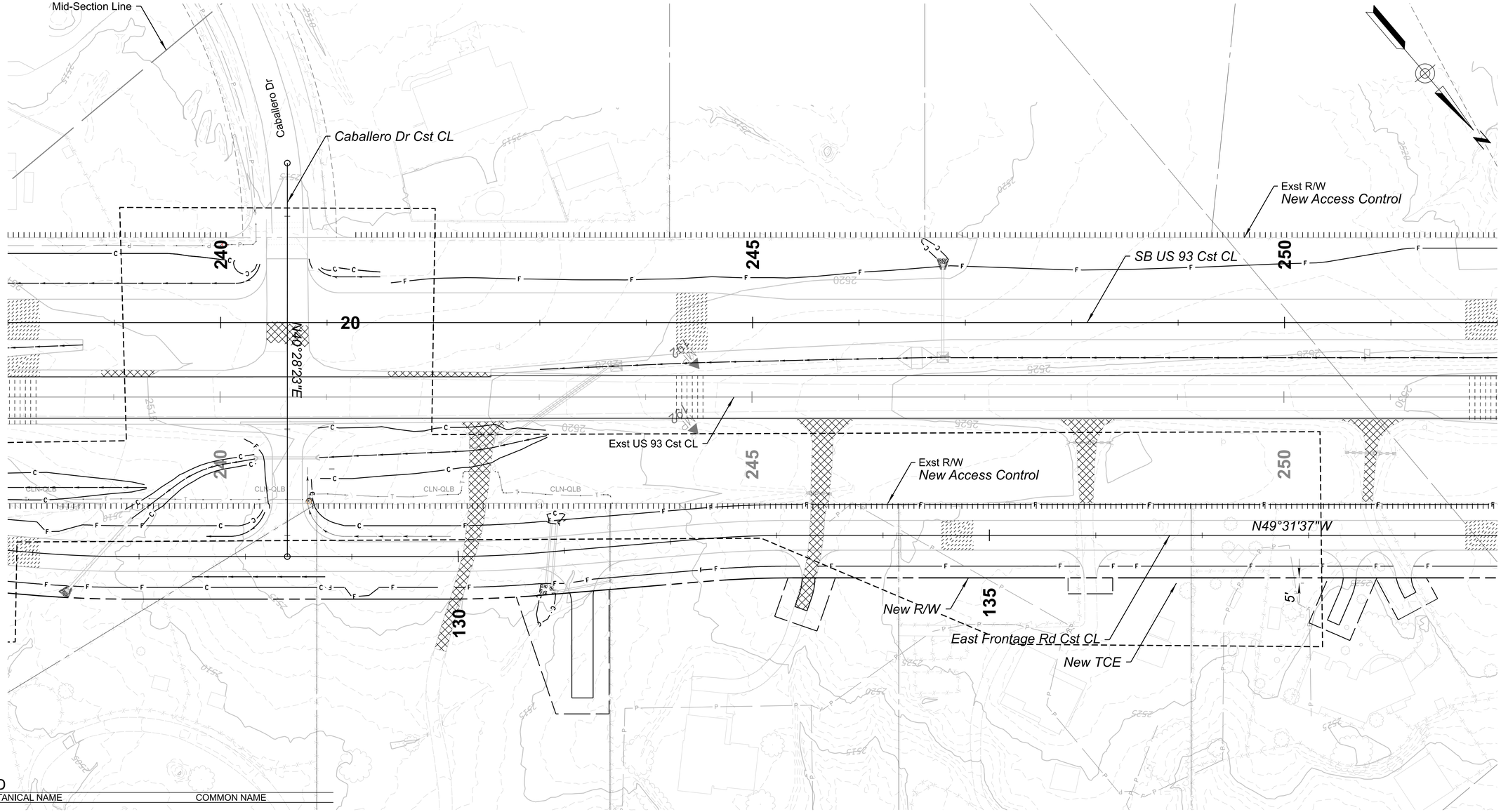
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. P-2.05

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LEGEND

CODE	BOTANICAL NAME	COMMON NAME
FC	FEROCACTUS CYLINDRACEUS	BARREL
FS	FOUQUIERIA SPLENDENS	OCOTILLO
PG	PENIOCEREUS GREGGII	ARIZONA QUEEN OF THE NIGHT

CODE XX SA = SALVAGE

CODE XX NS = NO SALVAGE

CODE XX RIP = REMAIN IN PLACE

NO INVENTORIED PLANT MATERIAL THIS SHEET

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT CERTIFICATE NO. 24401 M. WAYNE COLEBANK Date Signed 06/11/2026 ARIZONA, U.S.A. Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGANSIMPSON
333 SOUTH MILL AVENUE , SUITE 333
TEMPE, AZ 85281
P (480) 967-1343

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

PLANT INVENTORY
SB US 93 STA 238+00 TO STA 252+00
E FRONTAGE RD STA 126+00 TO STA 140+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

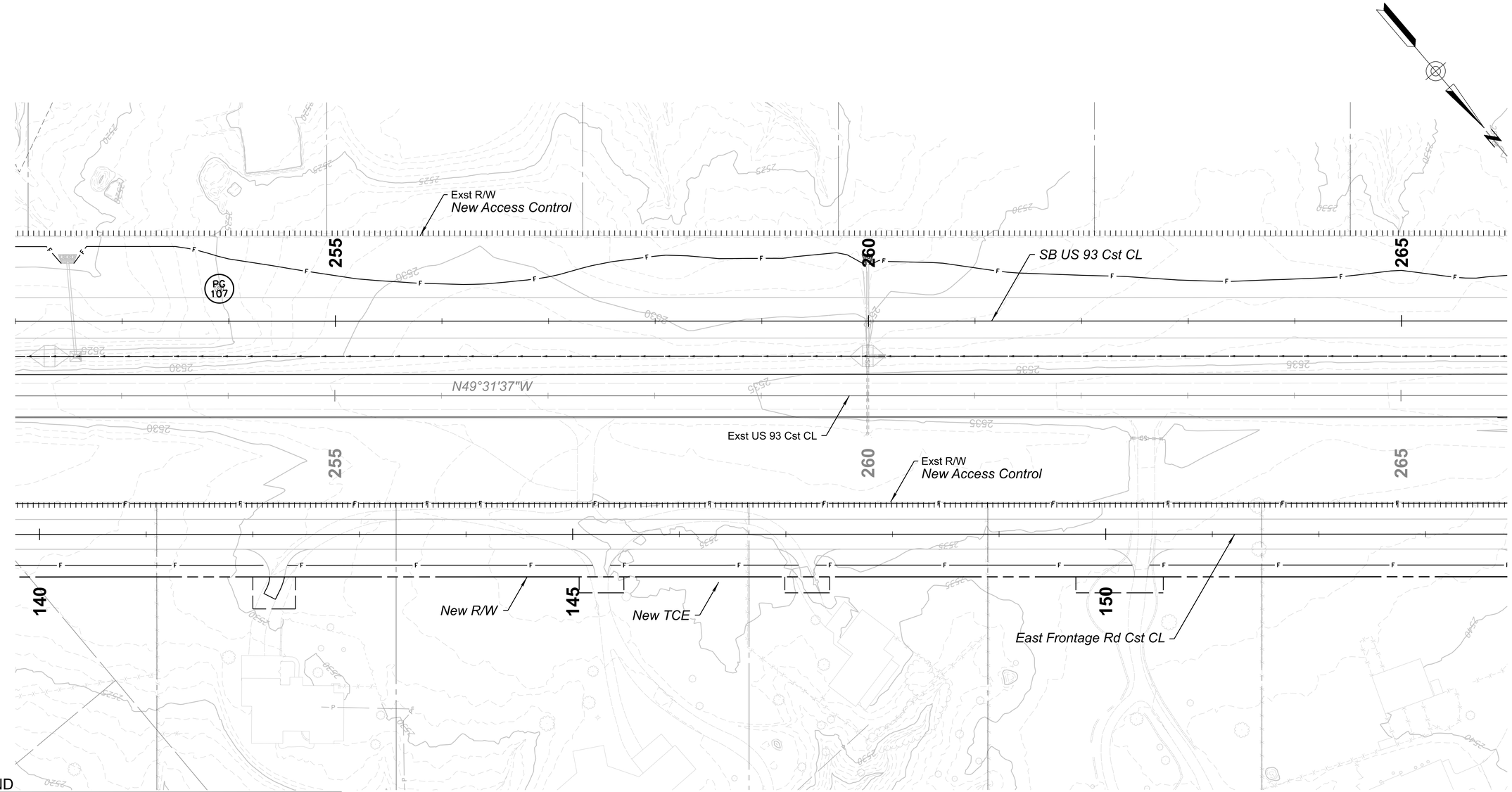
STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	466	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. P-2.06

TRACS NO. F0738 01C

____ OF ____



LEGEND

CODE	BOTANICAL NAME	COMMON NAME
FC	FEROCACTUS CYLINDRACEUS	BARREL
FS	FOUQUIERIA SPLENDENS	OCOTILLO
PG	PENIOCEREUS GREGGII	ARIZONA QUEEN OF THE NIGHT

CODE XX SA = SALVAGE

CODE XX NS = NO SALVAGE

CODE XX RIP = REMAIN IN PLACE

0' 25' 50' 100'

SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
222 SOUTH MILL AVENUE, SUITE 222
TEMPE, AZ 85281
P (602) 957-1343

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

PLANT INVENTORY
SB US 93 STA 252+00 TO STA 266+00
E FRONTAGE RD STA 140+00 TO STA 154+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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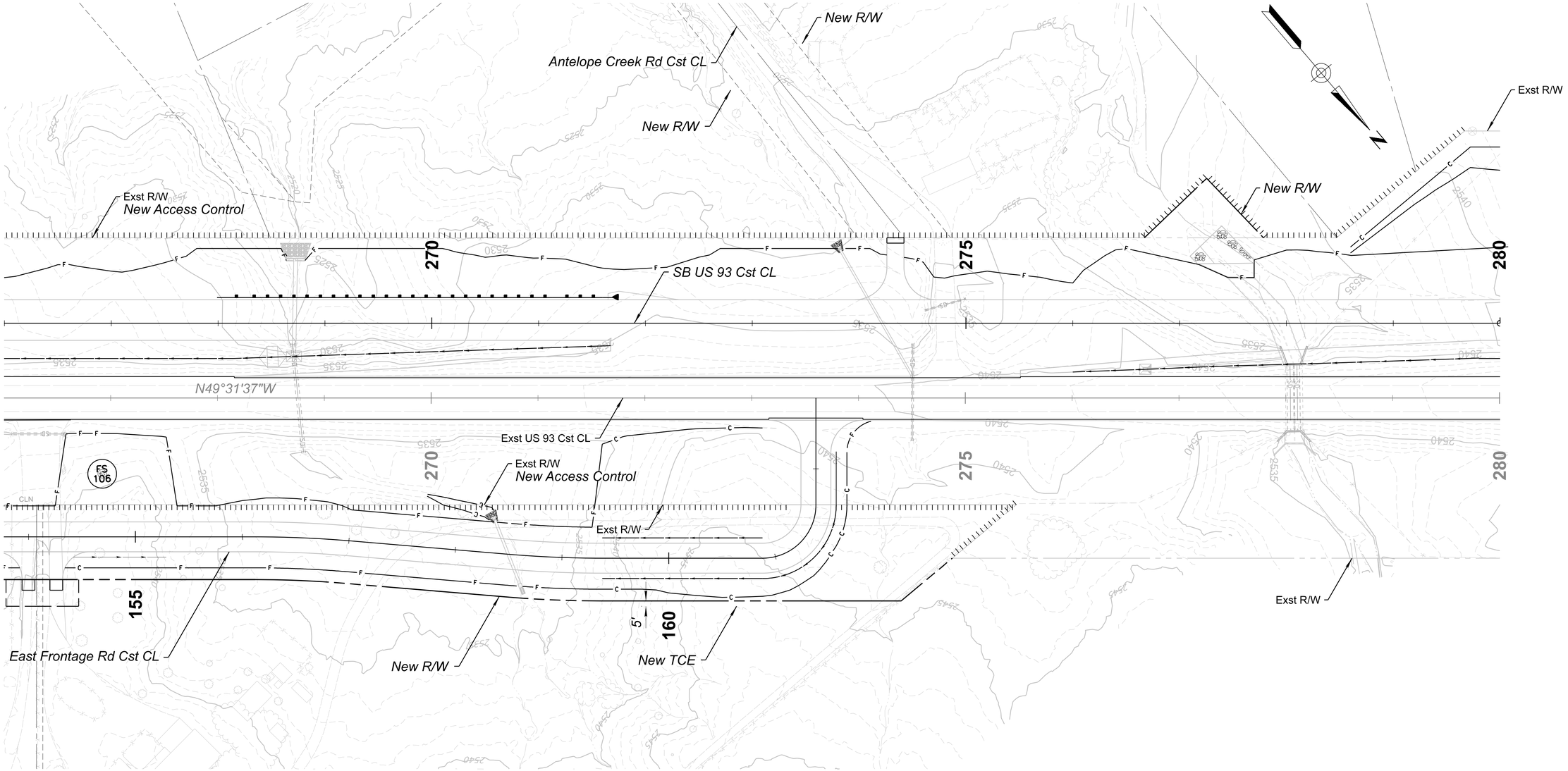
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. P-2.07

TRACS NO. F0738 01C

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LEGEND

CODE	BOTANICAL NAME	COMMON NAME
FC	FEROCACTUS CYLINDRACEUS	BARREL
FS	FOUQUIERIA SPLENDENS	OCOTILLO
PG	PENIOCEREUS GREGGII	ARIZONA QUEEN OF THE NIGHT

CODE XX SA = SALVAGE

CODE XX NS = NO SALVAGE

CODE XX RIP = REMAIN IN PLACE

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT CERTIFICATE NO. 2401 M. WAYNE COLEBANK Date Signed 06/17/26 ARIZONA, USA Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
233 SOUTH 48th AVENUE, SUITE 233
TEMPE, AZ 85281
P (480) 967-1343

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

PLANT INVENTORY
SB US 93 STA 266+00 TO STA 280+00
E FRONTAGE RD STA 154+00 TO STA 161+66

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	468	524	

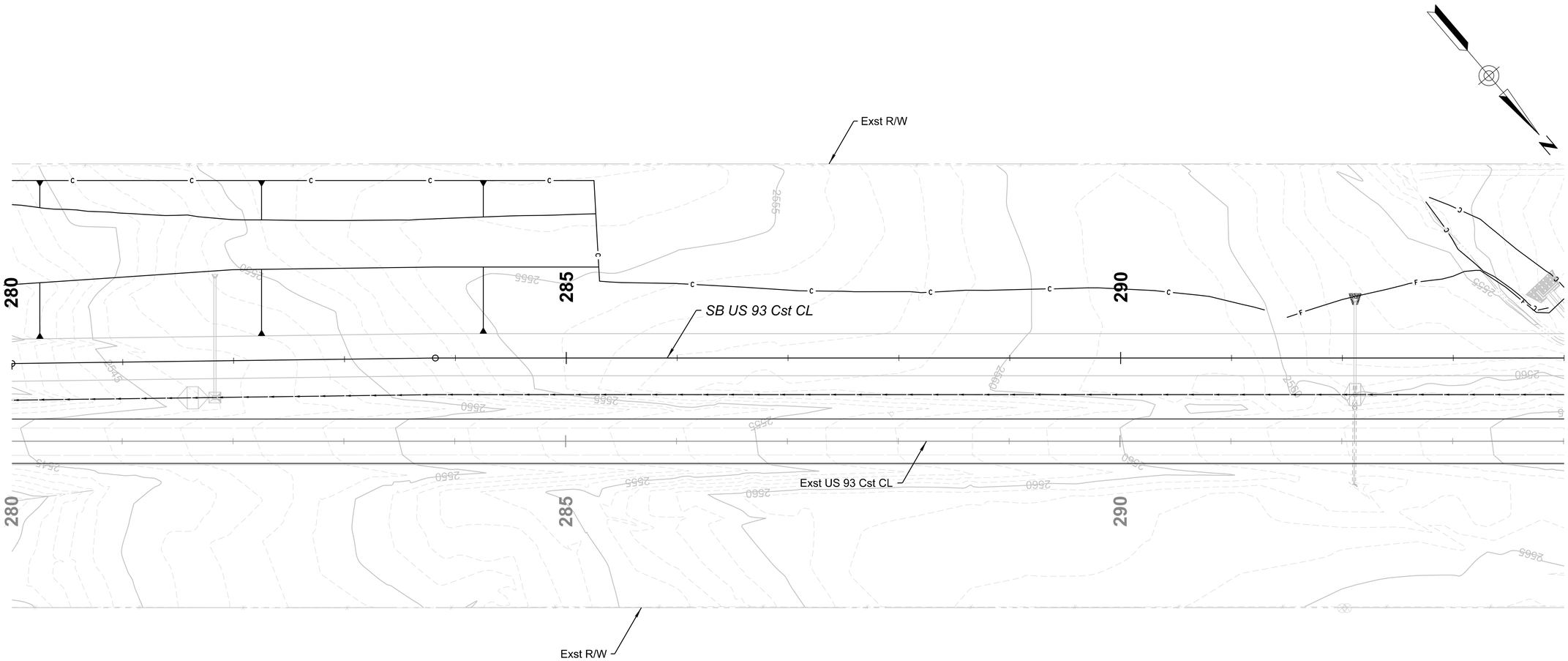
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. P-2.08

TRACS NO. F0738 01C

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LEGEND

CODE	BOTANICAL NAME	COMMON NAME
FC	FEROCACTUS CYLINDRACEUS	BARREL
FS	FOUQUIERIA SPLENDENS	OCOTILLO
PG	PENIOCEREUS GREGGII	ARIZONA QUEEN OF THE NIGHT

CODE XX — SA = SALVAGE

CODE XX — NS = NO SALVAGE

CODE XX — RIP = REMAIN IN PLACE

NO INVENTORIED PLANT MATERIAL THIS SHEET

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT — CERTIFICATE NO. 21401 — M. WAYNE COLEBANK — Date Signed 06/11/2026 — ARIZONA, U.S.A. — Expires 06/30/2009

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
233 SOUTH MILL AVENUE, SUITE 210
TEMPE, AZ 85281
T (480) 967-1343

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

PLANT INVENTORY
SB US 93 STA 280+00 TO STA 294+00

ROUTE: US 93
MILEPOST: 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	469	524	

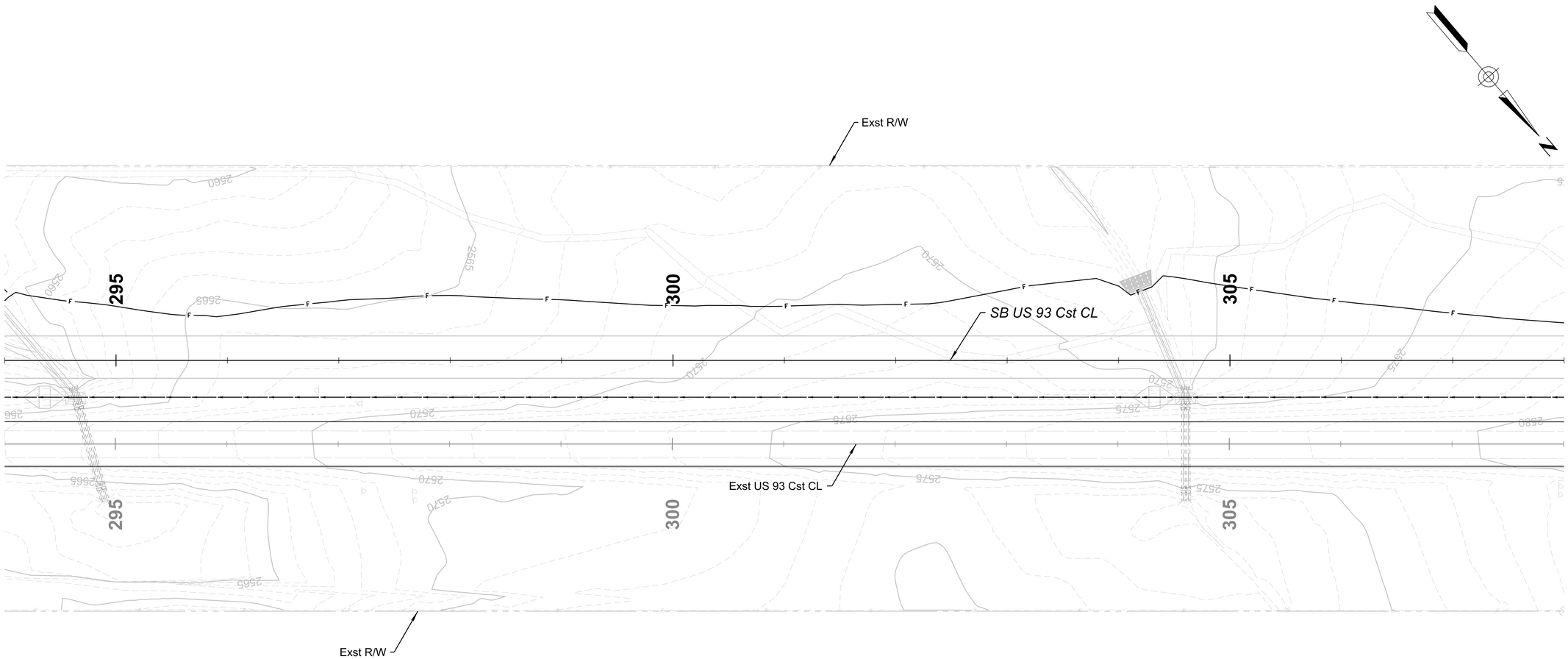
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. P-2.09

TRACS NO. F0738 01C

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LEGEND

CODE	BOTANICAL NAME	COMMON NAME
FC	FEROCACTUS CYLINDRACEUS	BARREL
FS	FOUQUIERIA SPLENDENS	OCOTILLO
PG	PENIOCEREUS GREGGII	ARIZONA QUEEN OF THE NIGHT

CODE XX — SA = SALVAGE

CODE XX — NS = NO SALVAGE

CODE XX — RIP = REMAIN IN PLACE

NO INVENTORIED PLANT MATERIAL THIS SHEET

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
333 SOUTHERN BOULEVARD, SUITE 222
PHOENIX, ARIZONA
T (480) 367-1600
F (480) 367-1543

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

PLANT INVENTORY
SB US 93 STA 294+00 TO STA 308+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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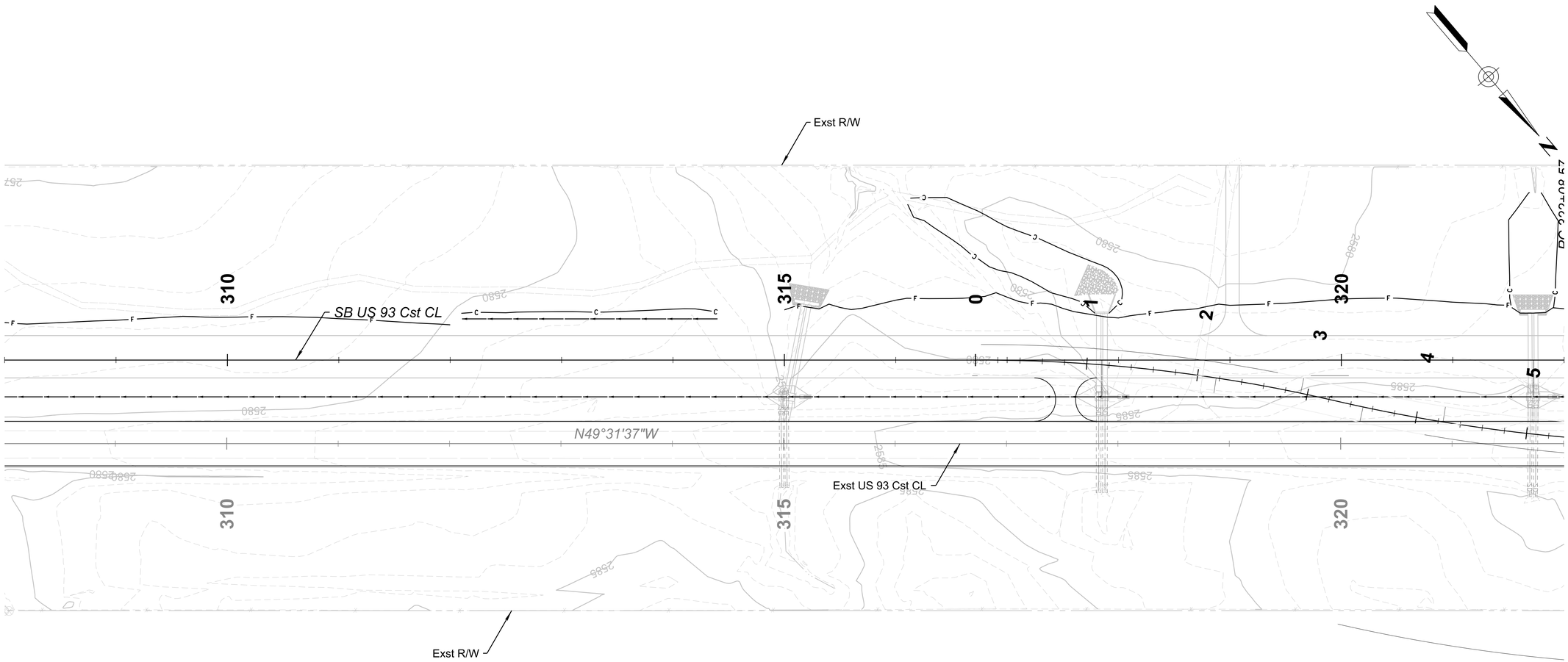
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. P-2.10

TRACS NO. F0738 01C

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LEGEND

CODE	BOTANICAL NAME	COMMON NAME
FC	FEROCACTUS CYLINDRACEUS	BARREL
FS	FOUQUIERIA SPLENDENS	OCOTILLO
PG	PENIOCEREUS GREGGII	ARIZONA QUEEN OF THE NIGHT

CODE XX SA = SALVAGE

CODE XX NS = NO SALVAGE

CODE XX RIP = REMAIN IN PLACE

NO INVENTORIED PLANT MATERIAL THIS SHEET

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT CERTIFICATE NO. 21401 M. WAYNE COLEBANK Date Signed 06/11/2026 ARIZONA, U.S.A. Expires 05/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
333 SOUTH MILL AVENUE, SUITE 310
TEMPE, AZ 85281
P (480) 967-1343

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

PLANT INVENTORY
SB US 93 STA 308+00 TO STA 322+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	471	524	

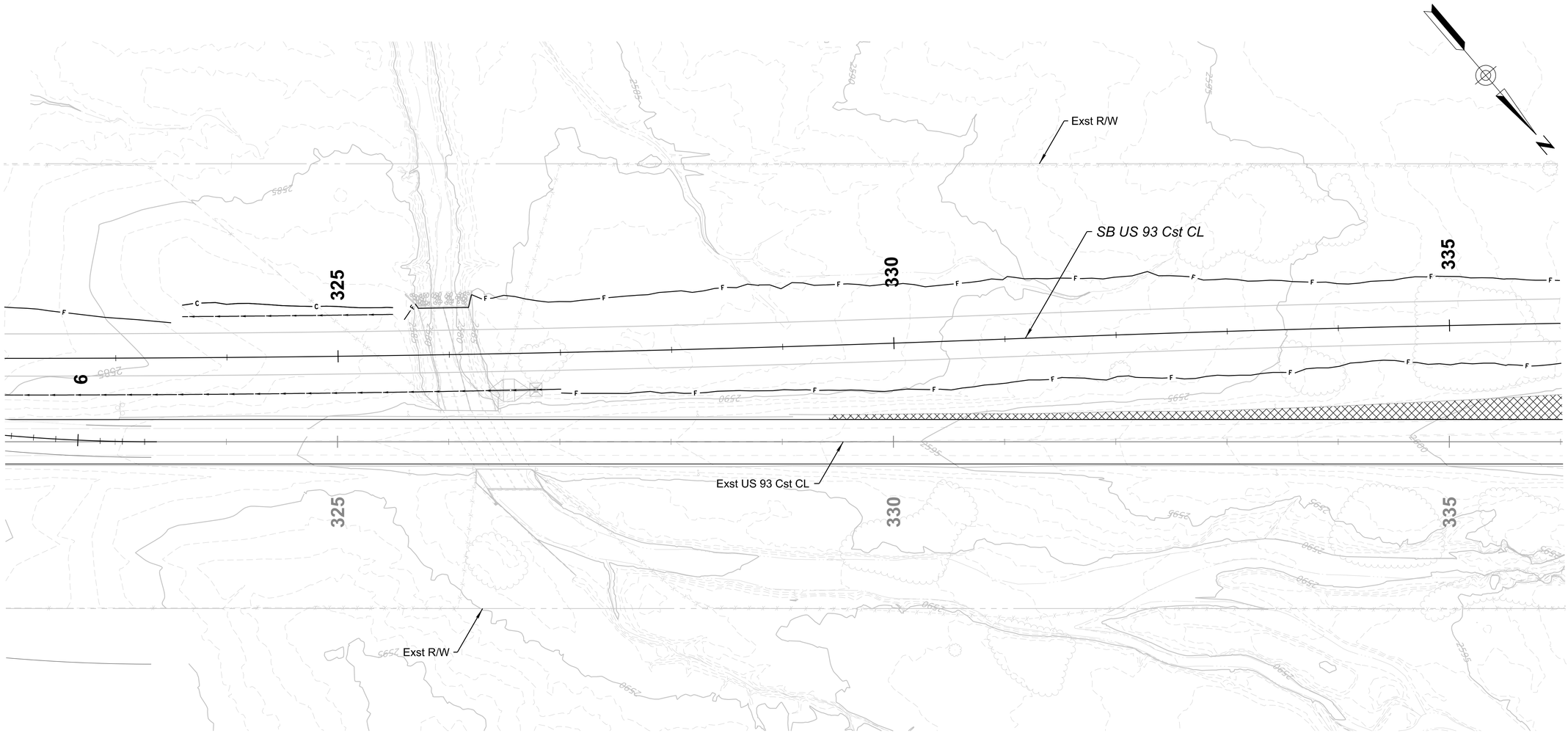
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. P-2.11

TRACS NO. F0738 01C

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LEGEND

CODE	BOTANICAL NAME	COMMON NAME
FC	FEROCACTUS CYLINDRACEUS	BARREL
FS	FOUQUIERIA SPLENDENS	OCOTILLO
PG	PENIOCEREUS GREGGII	ARIZONA QUEEN OF THE NIGHT

CODE XX SA = SALVAGE

CODE XX NS = NO SALVAGE

CODE XX RIP = REMAIN IN PLACE

NO INVENTORIED PLANT MATERIAL THIS SHEET

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT CERTIFICATE NO. 24401 M. WAYNE COLEBANK Date Signed 06/11/2026 ARIZONA, U.S.A. Expires 06/30/2028

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
333 SOUTH 48th AVENUE, SUITE 333
TEMPE, AZ 85281
P (480) 967-1343

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

PLANT INVENTORY
SB US 93 STA 322+00 TO STA 336+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	472	524	

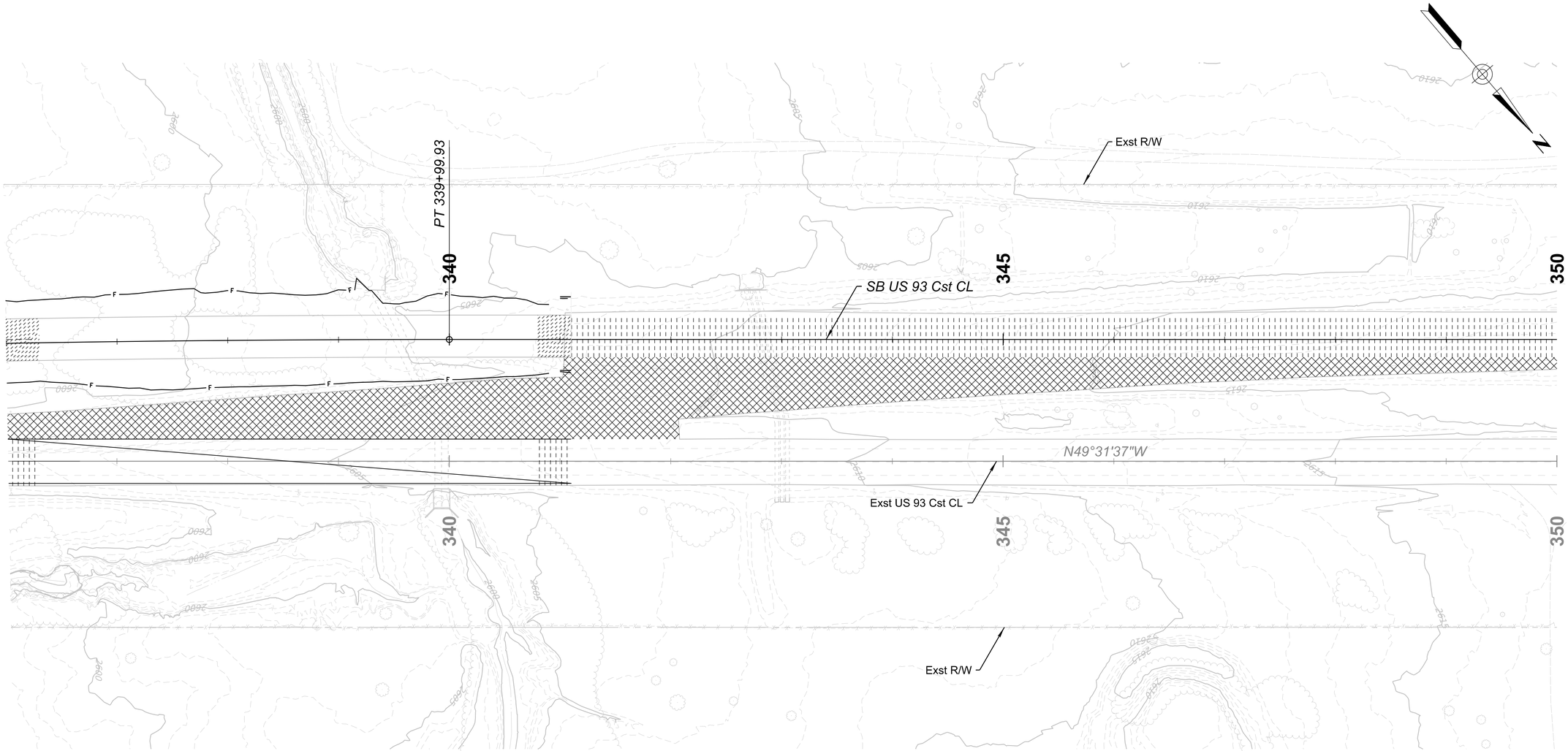
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. P-2.12

TRACS NO. F0738 01C

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6/11/2026 @11:04:26 AM WHerrera



LEGEND

CODE	BOTANICAL NAME	COMMON NAME
FC	FEROCACTUS CYLINDRACEUS	BARREL
FS	FOUQUIERIA SPLENDENS	OCOTILLO
PG	PENIOCEREUS GREGGII	ARIZONA QUEEN OF THE NIGHT

CODE XX SA = SALVAGE

CODE XX NS = NO SALVAGE

CODE XX RIP = REMAIN IN PLACE

NO INVENTORIED PLANT MATERIAL THIS SHEET

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT CERTIFICATE NO. 2401 M. WAYNE COLEBANK Date Signed 06/1/2026 ARIZONA, USA Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
233 SOUTH MILL AVENUE, SUITE 202
TEMPE, AZ 85281
P (480) 967-1343

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

PLANT INVENTORY
SB US 93 STA 336+00 TO STA 350+00

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	473	524	

F.H.W.A. Arizona Division

MILEPOST 189.92

STRUCTURE NO.

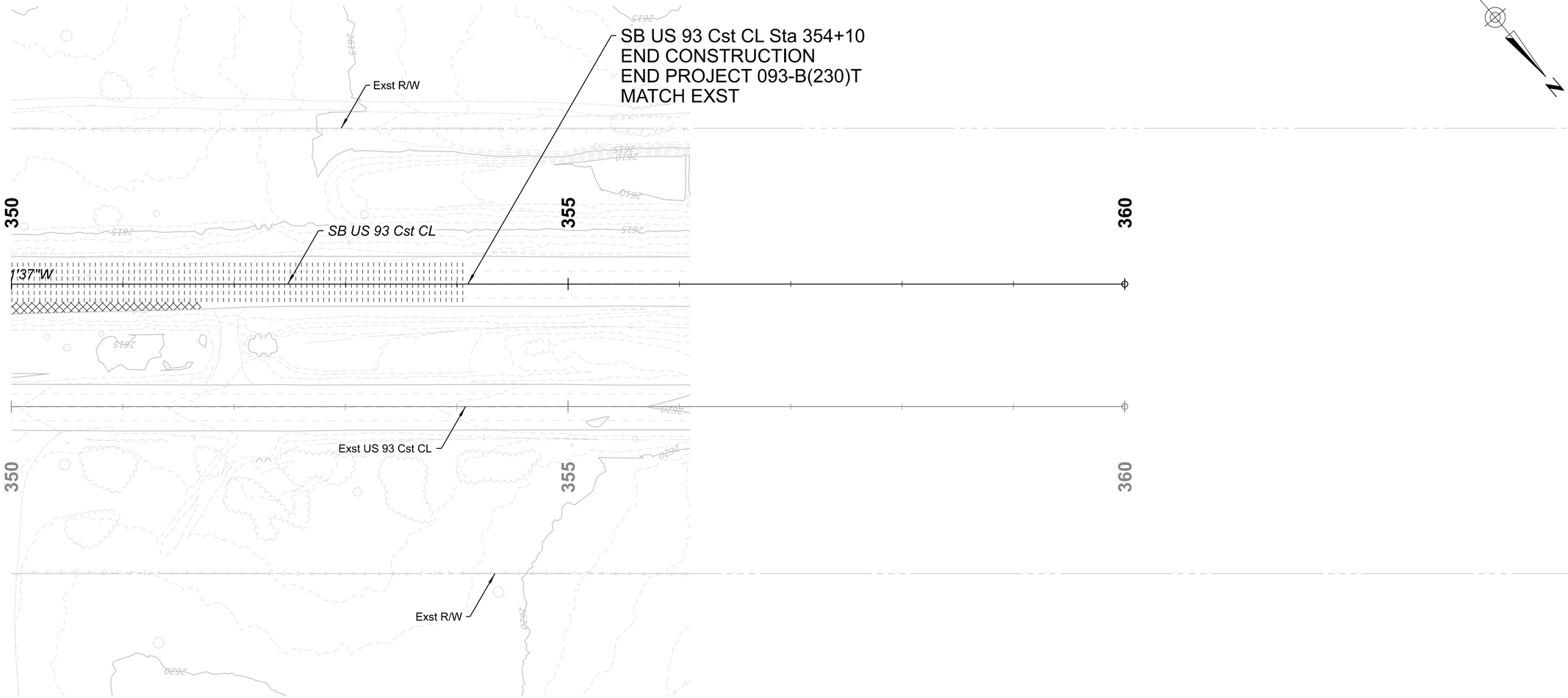
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. P-2.13

TRACS NO. F0738 01C

____ OF ____

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LEGEND

CODE	BOTANICAL NAME	COMMON NAME
FC	FEROCACTUS CYLINDRACEUS	BARREL
FS	FOUQUIERIA SPLENDENS	OCOTILLO
PG	PENIOCEREUS GREGGII	ARIZONA QUEEN OF THE NIGHT

CODE XX = SA = SALVAGE

CODE XX = NS = NO SALVAGE

CODE XX = RIP = REMAIN IN PLACE

NO INVENTORIED PLANT MATERIAL THIS SHEET

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 05/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGANSIMPSON
333 SOUTH 48th, AVENUE, SUITE 333
TEMPE, AZ 85281
P (480) 967-1343

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

PLANT INVENTORY
SB US 93 STA 350+00 TO STA 354+10

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	474	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. P-2.14

TRACS NO. F0738 01C

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SALVAGED PLANTS REPLANTING
(NB STA 273+73 TO STA 340+110)

BOTANICAL NAME COMMON NAME	Total per Species
Ferocactus cylindraceus Barrel Cactus	2
Fouquieria splendens Ocotillo	1
Peniocereus greggii Arizona Queen Of The Night	1
Total per Section (all species)	4

SMALL CACTUS REPLANTING
(NB STA 273+73 TO STA 340+110)

BOTANICAL NAME COMMON NAME	Total per Species
Cylindropuntia acanthocarpa Buckhorn Cholla	77
Cylindropuntia leptocaulis Desert Christmas Cactus	4
Mammilaria grahamii Fishhook Pincushion Cactus	1
Opuntia chorotica Pancake Prickly Pear	9
Opuntia engelmannii Desert Prickly Pear	6
Yucca baccata Soaptree Yucca	2
Yucca elata Banana Yucca	13
Total per Section (all species)	112

SALVAGED PLANTS REPLANTING
(STA 136+00 TO STA 156+81)

BOTANICAL NAME COMMON NAME	Total per Species
Ferocactus cylindraceus Barrel Cactus	19

SMALL CACTUS REPLANTING
(STA 136+00 TO STA 156+81)

BOTANICAL NAME COMMON NAME	Total per Species
Cylindropuntia acanthocarpa Buckhorn Cholla	12
Yucca elata Banana Yucca	41
Total per Section (all species)	53

NOTES:

1. The intent is to move-once plant material with the quantities of small cacti listed above to the undisturbed areas shown in the Landscape Revegetation Sheets.

2. As part of the contractor's transplanting plan, the contractor shall identify the new planting locations for the small cacti to be replanted.

3. The tagged inventory plants are to be salvaged and replanted as shown in the Landscape Revegetation Sheets.

REV. DATE: 4/21

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGANSIMPSON
222 SOUTH MILL AVENUE , SUITE 222
TEMPE, AZ 85281
P (602) 867-7343

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

LANDSCAPE REVEGETATION
SUMMARY SHEET

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.92	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	475	524	

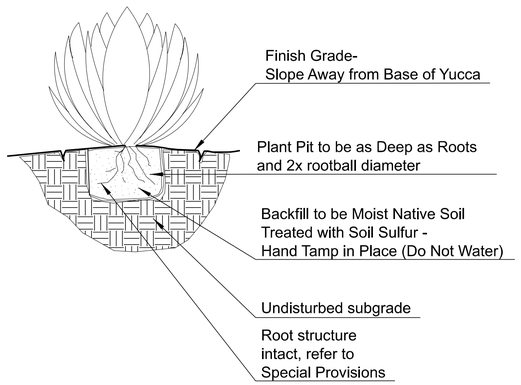
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. L-1.01

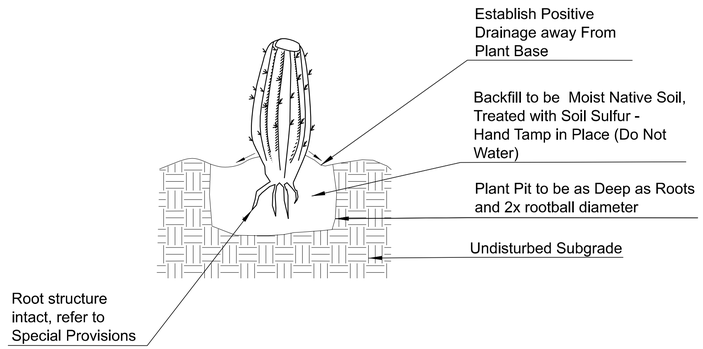
TRACS NO. F0738 01C

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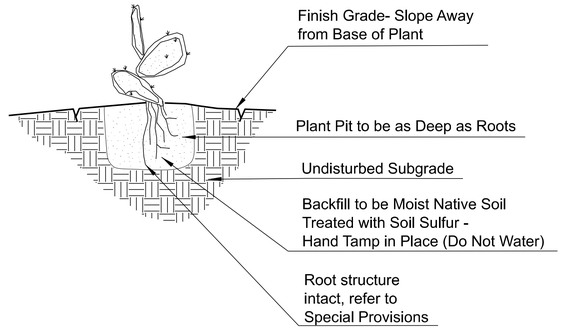
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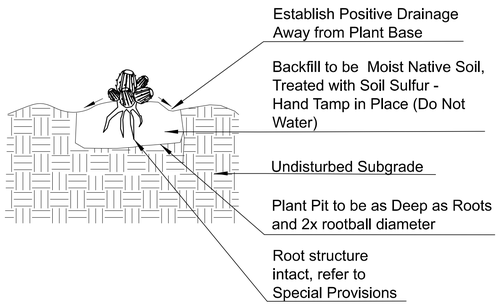
1 YUCCA PLANTING
NTS



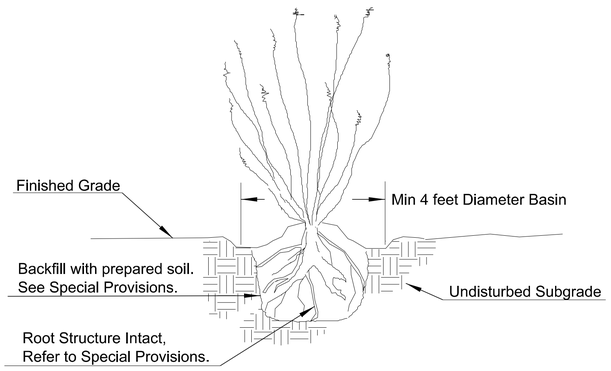
2 BARREL CACTUS PLANTING
NTS



3 CHOLLA/PRICKLY PEAR PLANTING
NTS



4 SMALL CACTUS PLANTING
NTS



5 BARE ROOT OCOTILLO PLANTING
NTS

GENERAL NOTES:

1. Root prune all shredded or damaged roots.
2. Ensure all wounds to the root system are clean cut before planting, apply dusting sulfur to all areas below grade.
3. For backfill see special provisions.
4. Bare roots shall not be out of the ground for more than two (2) days before planting.
5. Planting depth shall be depth at which plant was grown.
6. Replant salvaged cacti in original north-south orientation as originally grown.
7. Roughen sides of plant pit prior to planting.

REV. DATE: 4/21

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

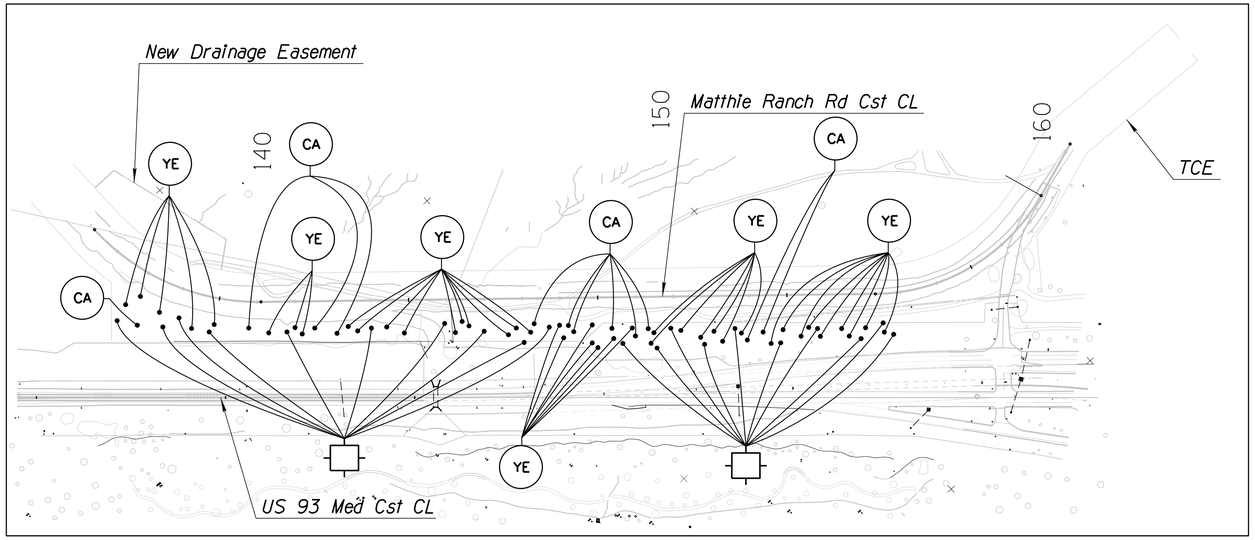
LOGAN SIMPSON
222 SOUTH MILL AVENUE, SUITE 222
TEMPE, AZ 85281
P (480) 967-1343

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

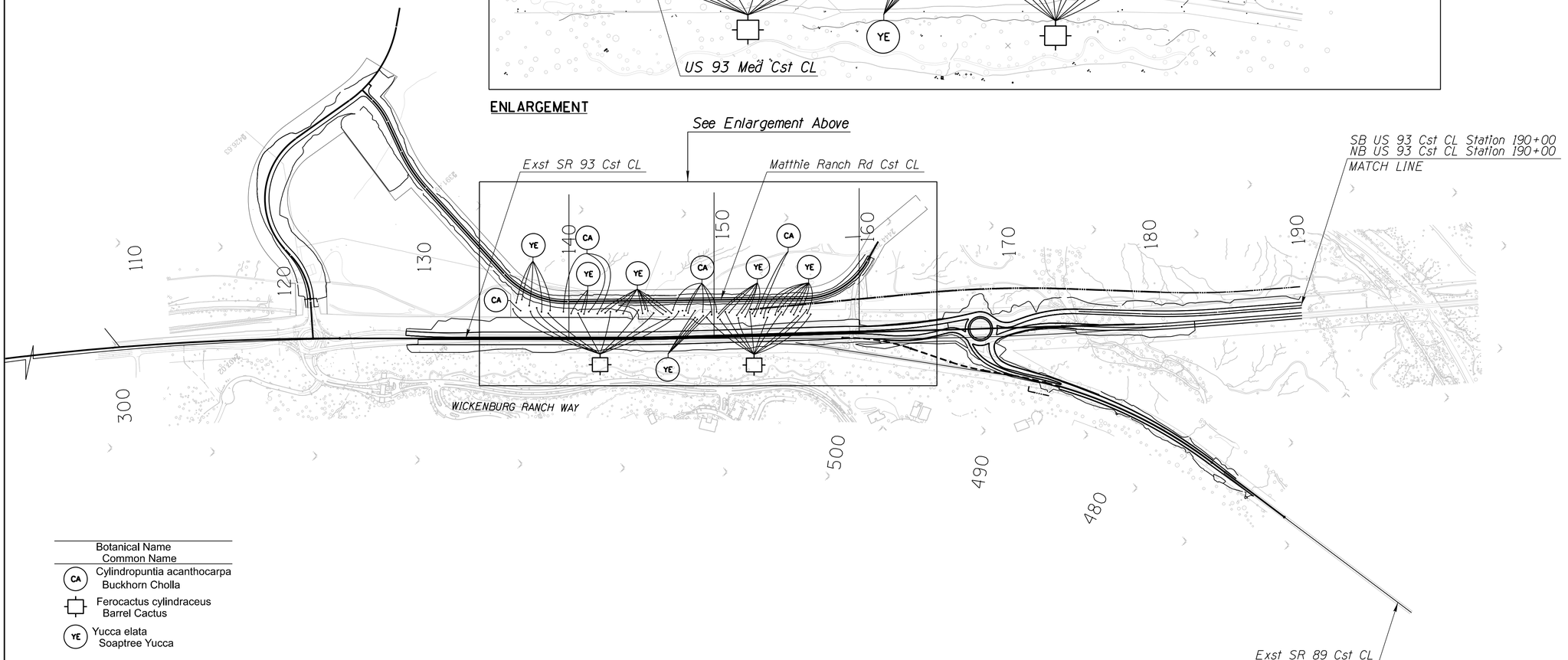
LANDSCAPE REVEGETATION
DETAIL SHEET

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	476	524	
MILEPOST 189.92	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. L-1.02
STRUCTURE NO.	TRACS NO. F0738 01C						___ OF___

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ENLARGEMENT



Botanical Name Common Name	
CA	Cylindropuntia acanthocarpa Buckhorn Cholla
	Ferocactus cylindraceus Barrel Cactus
YE	Yucca elata Soaptree Yucca

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
333 SOUTHRAIL AVENUE, SUITE 222
TEMPE, ARIZONA
T (480) 367-1540
F (480) 367-1545

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

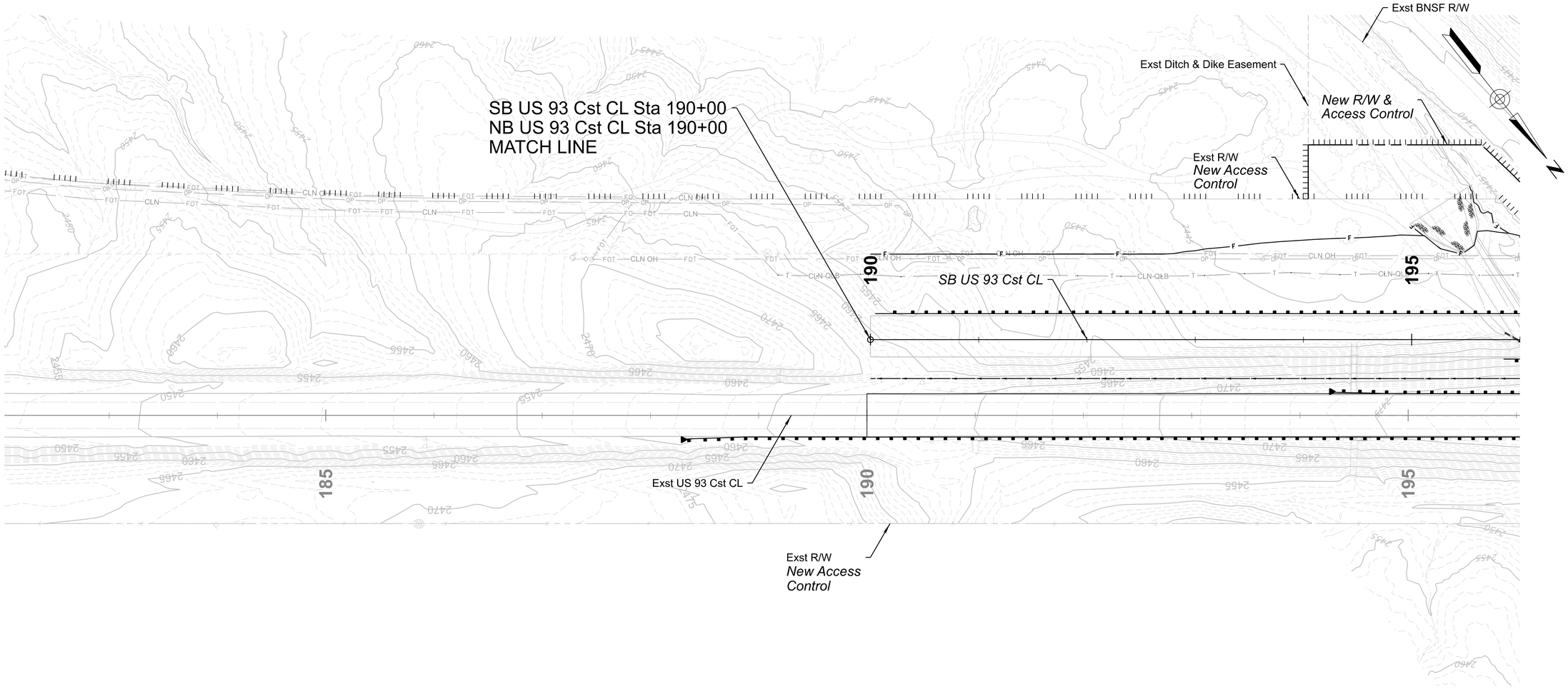
LANDSCAPE REVEGETATION SHEET
US 93 STA 110+00 TO STA 190+00

ROUTE: US 93
MILEPOST: 189.92
STRUCTURE NO.:

F.H.W.A. Arizona Division | STATE: ARIZ. | PROJECT NO.: 093 YV 189 | FEDERAL ID NO.: 093-B(230)T | SHEET NO.: 477 | TOTAL SHEETS: 524 | RECORD DRAWING:

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. L-2.01
TRACS NO. F0738 01C
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PLANT LEGEND

	Botanical Name / Common Name
CA	Cylindropuntia acanthocarpa — Buckhorn Cholla
CL	Cylindropuntia leptocaulis — Desert Christmas Cactus
✳	Ferocactus cylindraceus — Barrel Cactus
▢	Fouquieria splendens — Ocotillo
MG	Mammillaria grahamii — Fishhook Pincushion
OC	Opuntia chorotica — Pancake Prickly Pear
OE	Opuntia engelmannii — Desert Prickly Pear
PG	Peniocereus greggii — Arizona Queen Of The Night
YB	Yucca baccata — Banana Yucca
YE	Yucca elata — Soaptree Yucca

NO REVEGETATION PLANT MATERIAL THIS SHEET

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT — CERTIFICATE NO. 24401 — M. WAYNE COLEBANK — Date Signed 06/11/2026 — ARIZONA, U.S.A. — Expires 06/30/2028

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
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TEMPE, AZ 85281
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

LANDSCAPE REVEGETATION SHEET
SB US 93 STA 190+00 TO STA 196+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	478	524	

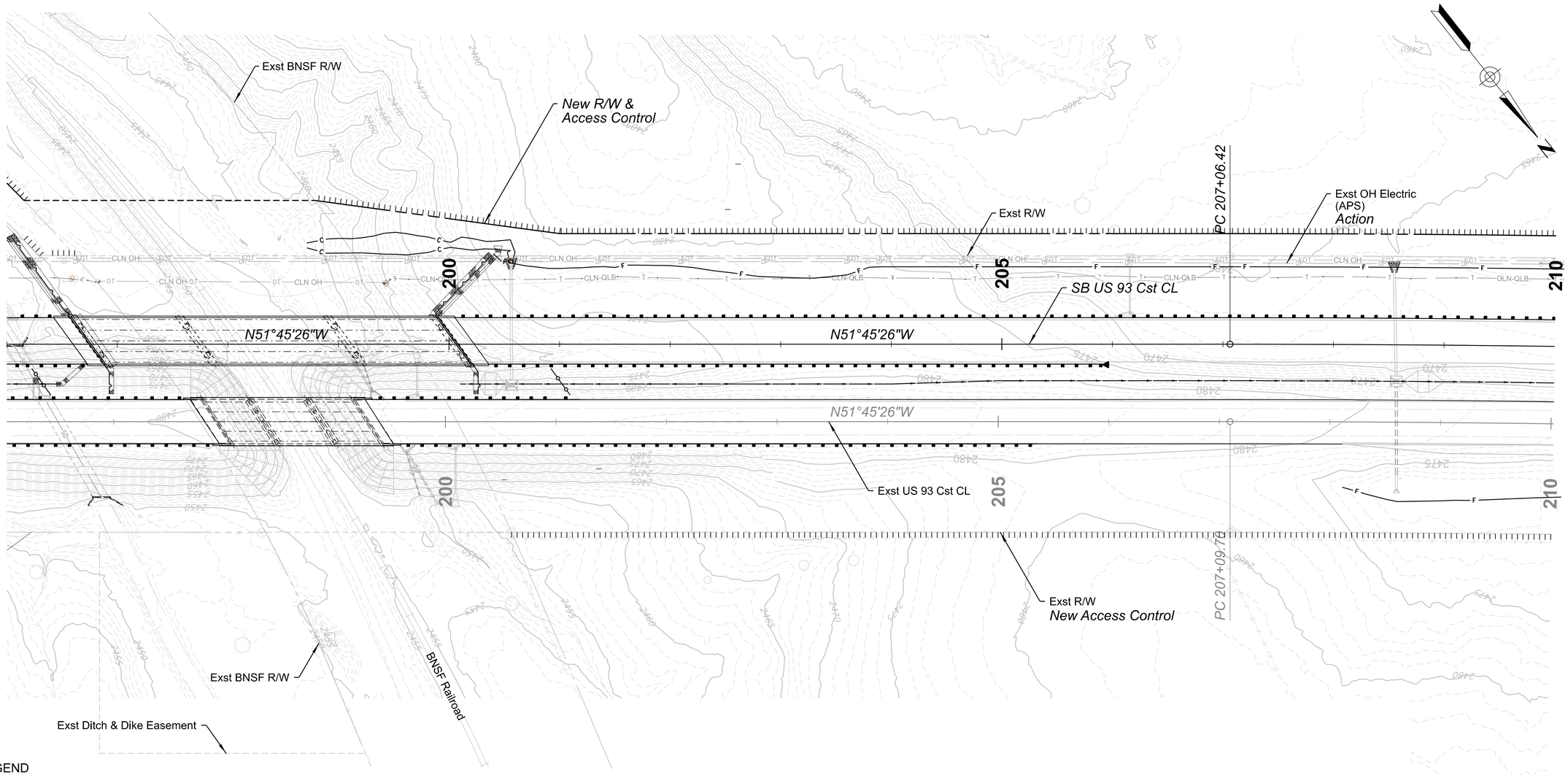
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. L-2.02

TRACS NO. F0738 01C

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PLANT LEGEND

	Botanical Name Common Name		Botanical Name Common Name
CA	Cylindropuntia acanthocarpa Buckhorn Cholla	OC	Opuntia chorotica Pancake Prickly Pear
CL	Cylindropuntia leptocaulis Desert Christmas Cactus	OE	Opuntia engelmannii Desert Prickly Pear
✳	Ferocactus cylindraceus Barrel Cactus	PG	Peniocereus greggii Arizona Queen Of The Night
▭	Fouquieria splendens Ocotillo	YB	Yucca baccata Banana Yucca
MG	Mammillaria grahamii Fishhook Pincushion	YE	Yucca elata Soaptree Yucca

NO REVEGETATION PLANT MATERIAL THIS SHEET

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
223 SOUTH 2ND | ALPHA | SUITE 222
TEMPE, AZ 85281
P (480) 967-1343

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

LANDSCAPE REVEGETATION SHEET
SB US 93 STA 196+00 TO STA 210+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	479	524	

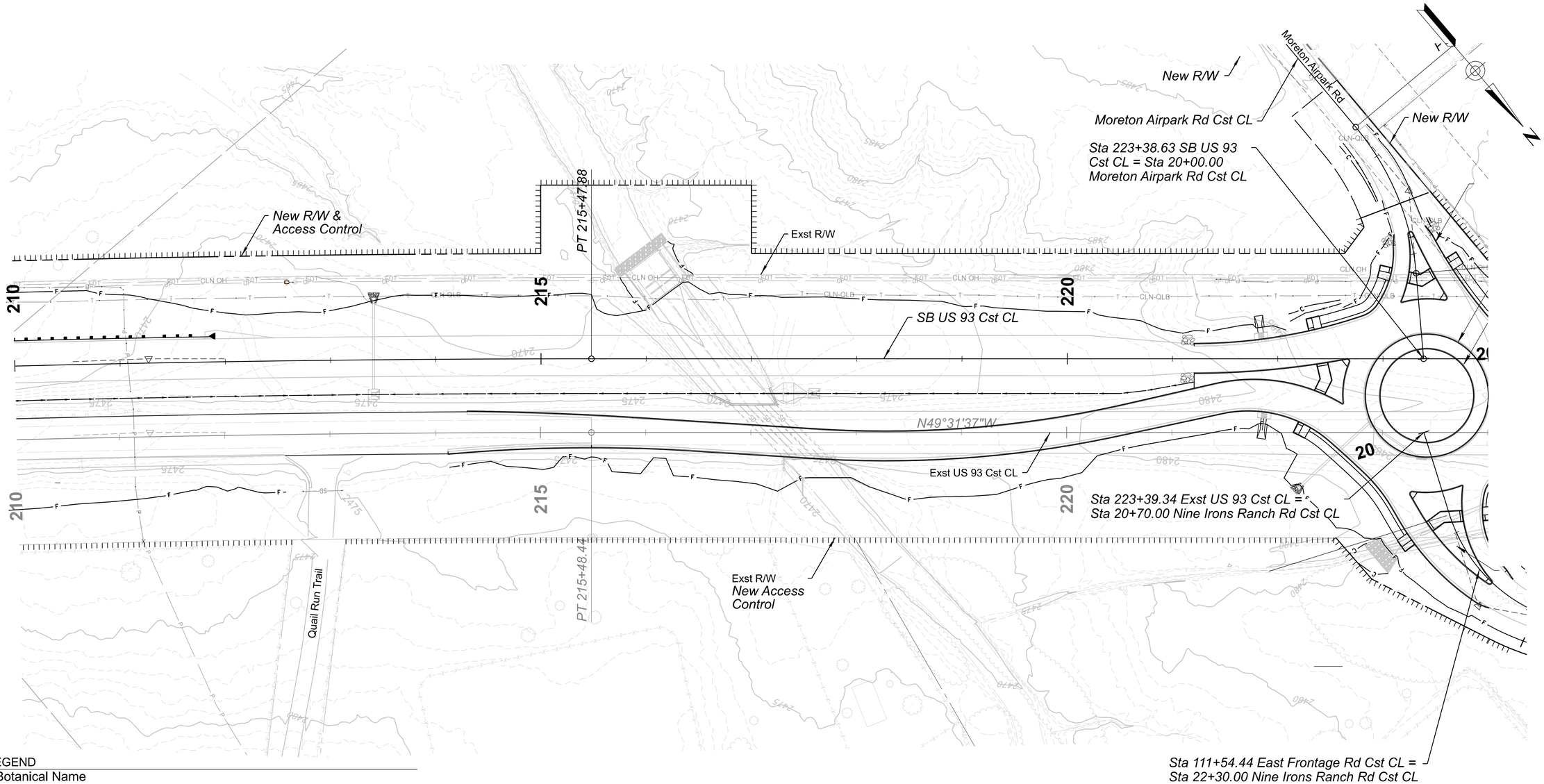
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. L-2.03

TRACS NO. F0738 01C

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PLANT LEGEND

	Botanical Name Common Name
CA	Cylindropuntia acanthocarpa Buckhorn Cholla
CL	Cylindropuntia leptocaulis Desert Christmas Cactus
✳	Ferocactus cylindraceus Barrel Cactus
▭	Fouquieria splendens Ocotillo
MG	Mammillaria grahamii Fishhook Pincushion
OC	Opuntia chorotica Pancake Prickly Pear
OE	Opuntia engelmannii Desert Prickly Pear
PG	Peniocereus greggii Arizona Queen Of The Night
YB	Yucca baccata Banana Yucca
YE	Yucca elata Soaptree Yucca

NO REVEGETATION PLANT MATERIAL THIS SHEET

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT CERTIFICATE NO. 21401 M. WAYNE COLEBANK Date Signed 06/11/2026 ARIZONA, U.S.A. Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

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

LANDSCAPE REVEGETATION SHEET
SB US 93 STA 210+00 TO STA 224+00
E FRONTAGE RD STA 111+54 TO STA 112+00

ROUTE: US 93
MILEPOST: 189.92
STRUCTURE NO.:

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	480	524	

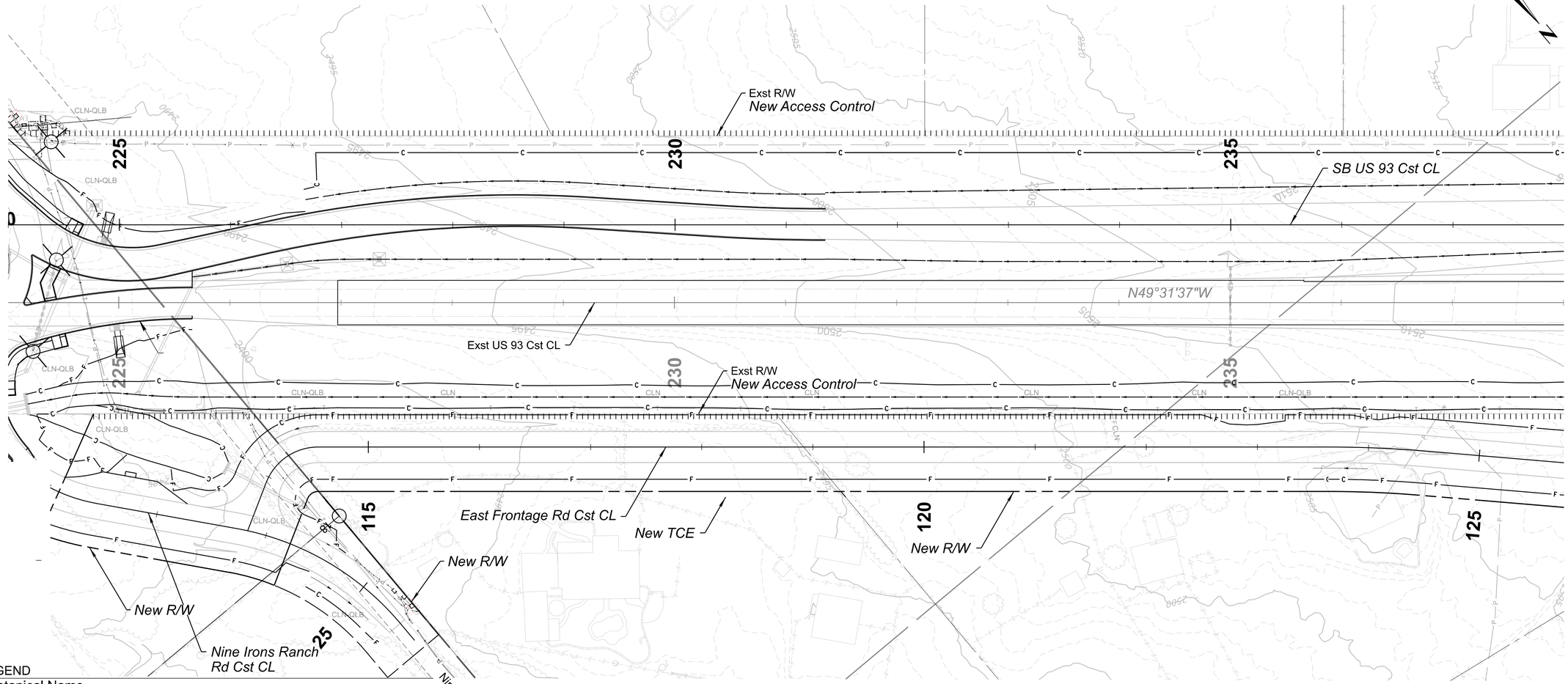
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. L-2.04

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PLANT LEGEND

	Botanical Name Common Name		Botanical Name Common Name
CA	Cylindropuntia acanthocarpa Buckhorn Cholla	OC	Opuntia chorotica Pancake Prickly Pear
CL	Cylindropuntia leptocaulis Desert Christmas Cactus	OE	Opuntia engelmannii Desert Prickly Pear
✳	Ferocactus cylindraceus Barrel Cactus	PG	Peniocereus greggii Arizona Queen Of The Night
▭	Fouquieria splendens Ocotillo	YB	Yucca baccata Banana Yucca
MG	Mammillaria grahamii Fishhook Pincushion	YE	Yucca elata Soaptree Yucca

NO REVEGETATION PLANT MATERIAL THIS SHEET

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
223 SOUTH MILL AVENUE, SUITE 203
TEMPE, AZ 85281
P (480) 967-1343

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
LANDSCAPE REVEGETATION SHEET
SB US 93 STA 224+00 TO STA 238+00
E FRONTAGE RD STA 112+00 TO STA 126+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	481	524	

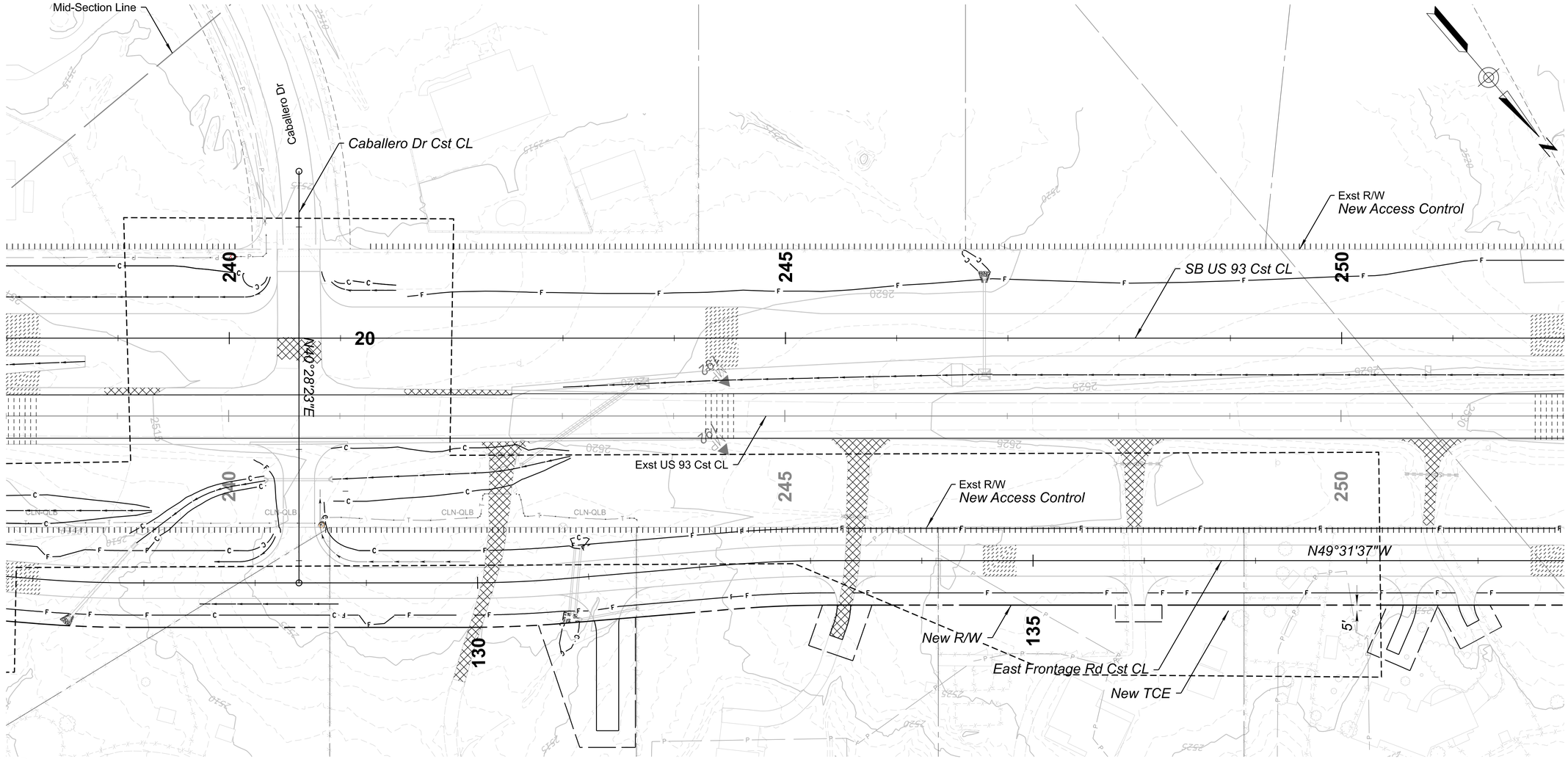
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. L-2.05

TRACS NO. F0738 01C

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PLANT LEGEND

	Botanical Name Common Name
CA	Cylindropuntia acanthocarpa Buckhorn Cholla
CL	Cylindropuntia leptocaulis Desert Christmas Cactus
✳	Ferocactus cylindraceus Barrel Cactus
▭	Fouquieria splendens Ocotillo
MG	Mammillaria grahamii Fishhook Pincushion
OC	Opuntia chorotica Pancake Prickly Pear
OE	Opuntia engelmannii Desert Prickly Pear
PG	Peniocereus greggii Arizona Queen Of The Night
YB	Yucca baccata Banana Yucca
YE	Yucca elata Soaptree Yucca

NO REVEGETATION PLANT MATERIAL THIS SHEET

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO. 24401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2028

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGANSIMPSON
333 SOUTH MILL AVENUE, SUITE 333
TEMPE, AZ 85281
P (480) 967-1343

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

LANDSCAPE REVEGETATION SHEET
SB US 93 STA 238+00 TO STA 252+00
E FRONTAGE RD STA 126+00 TO STA 140+00

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.92	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	482	524	

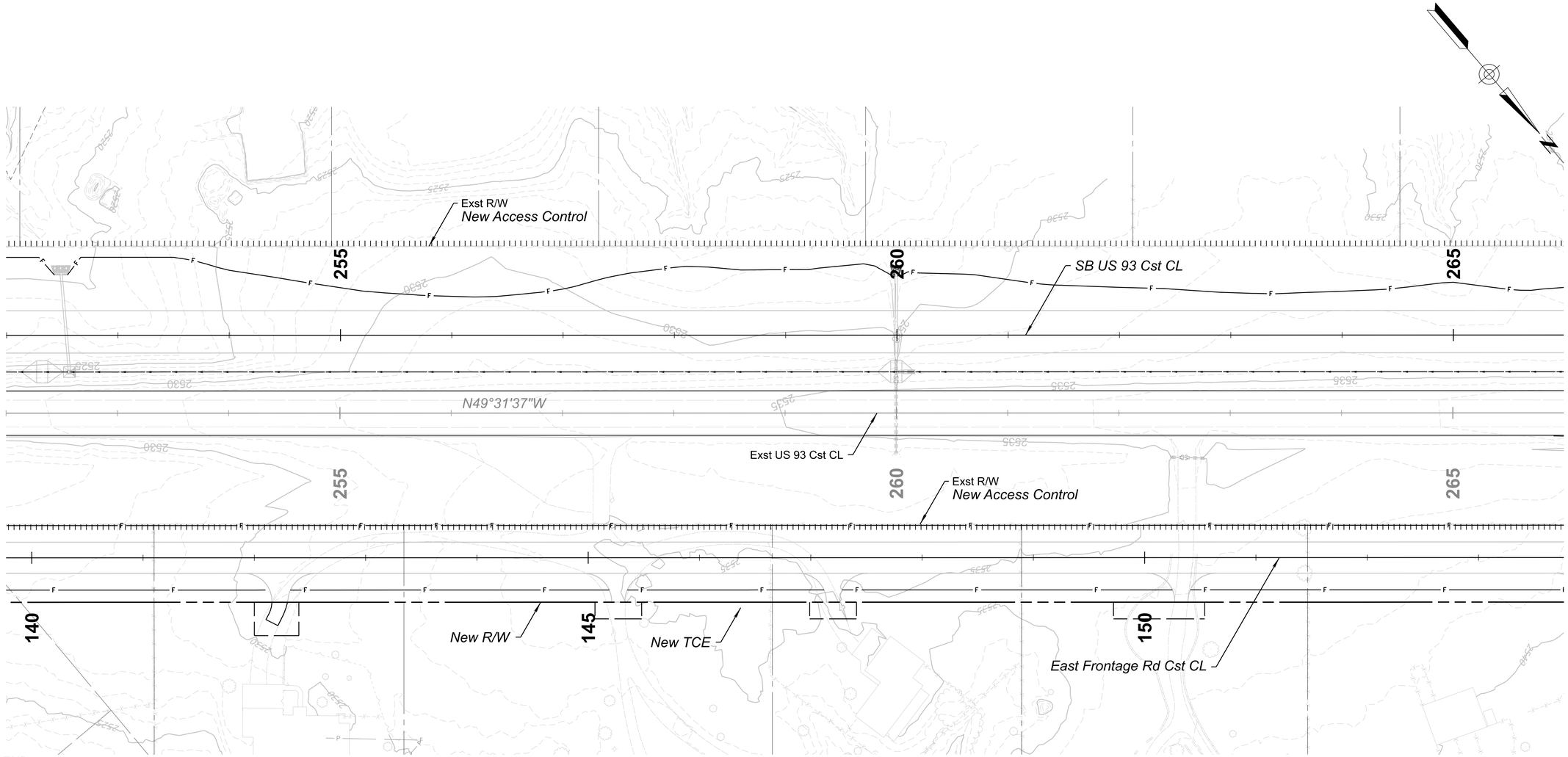
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. L-2.06

TRACS NO. F0738 01C

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PLANT LEGEND

	Botanical Name / Common Name
CA	Cylindropuntia acanthocarpa — Buckhorn Cholla
CL	Cylindropuntia leptocaulis — Desert Christmas Cactus
✳	Ferocactus cylindraceus — Barrel Cactus
▭	Fouquieria splendens — Ocotillo
MG	Mammillaria grahamii — Fishhook Pincushion
OC	Opuntia chorotica — Pancake Prickly Pear
OE	Opuntia engelmannii — Desert Prickly Pear
PG	Peniocereus greggii — Arizona Queen Of The Night
YB	Yucca baccata — Banana Yucca
YE	Yucca elata — Soaptree Yucca

NO REVEGETATION PLANT MATERIAL THIS SHEET

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT — CERTIFICATE NO. 21401 — M. WAYNE COLEBANK — Date Signed 06/11/2026 — ARIZONA, U.S.A. — Expires 06/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
222 SOUTH MILL AVENUE , SUITE 222
TEMPE, AZ 85281
P (602) 957-1942

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

LANDSCAPE REVEGETATION SHEET
SB US 93 STA 252+00 TO STA 266+00
E FRONTAGE RD STA 140+00 TO STA 154+00

ROUTE: US 93
MILEPOST: 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	483	524	

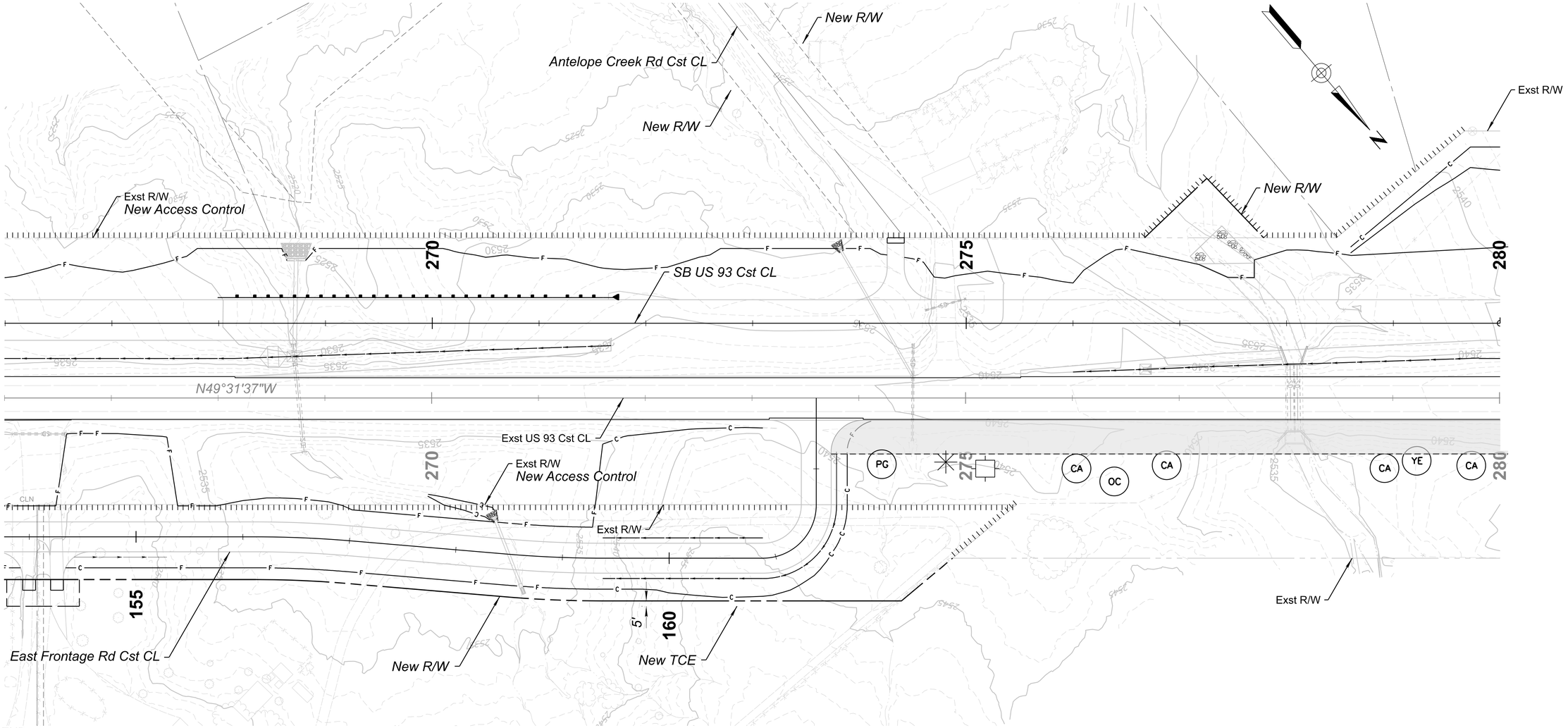
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. L-2.07

TRACS NO. F0738 01C

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PLANT LEGEND

	Botanical Name Common Name		Botanical Name Common Name
CA	Cylindropuntia acanthocarpa Buckhorn Cholla	OC	Opuntia chorotica Pancake Prickly Pear
CL	Cylindropuntia leptocaulis Desert Christmas Cactus	OE	Opuntia engelmannii Desert Prickly Pear
✳	Ferocactus cylindraceus Barrel Cactus	PG	Peniocereus greggii Arizona Queen Of The Night
▢	Fouquieria splendens Ocotillo	YB	Yucca baccata Banana Yucca
MG	Mammillaria grahamii Fishhook Pincushion	YE	Yucca elata Soaptree Yucca

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 05/30/2028

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

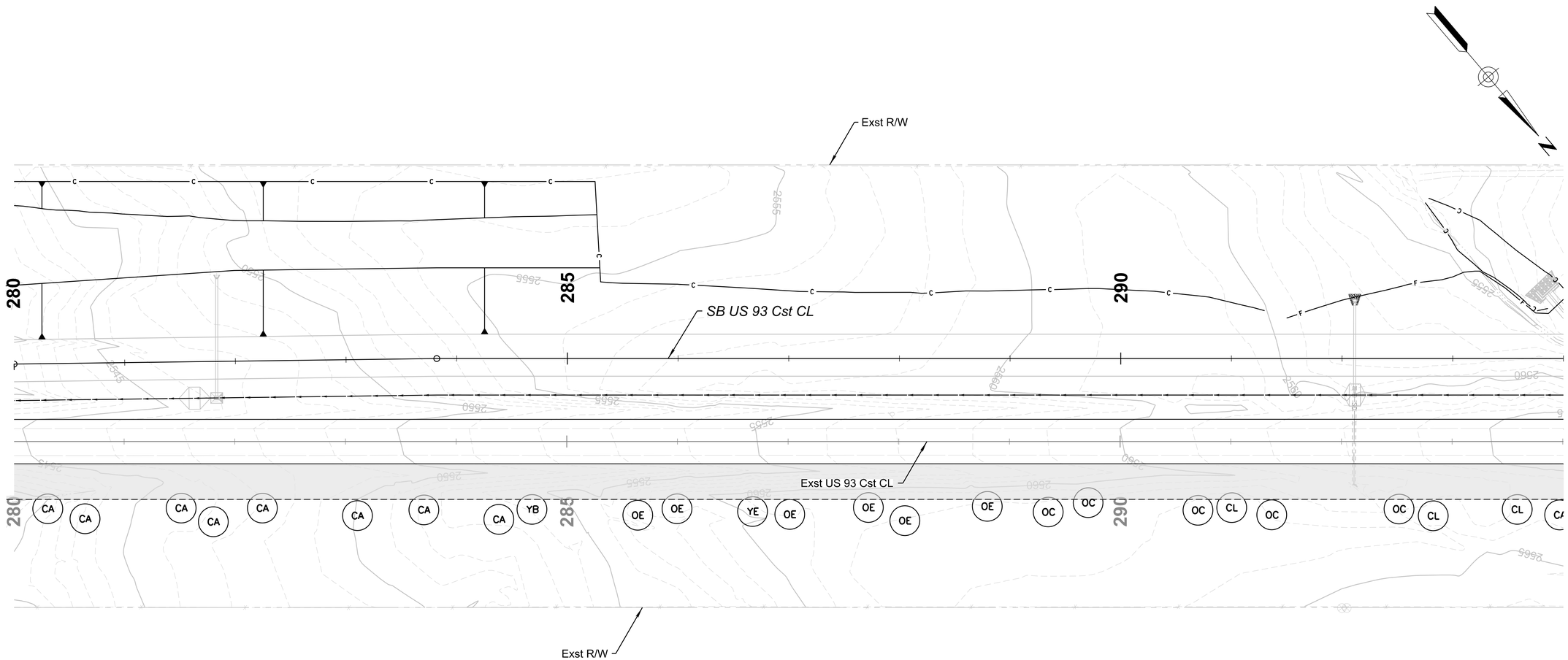
LOGAN SIMPSON
333 SOUTH 48 | AVENUE , SUITE 333
TEMPE, AZ 85281
P (480) 967-1343

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

LANDSCAPE REVEGETATION SHEET
SB US 93 STA 266+00 TO STA 280+00
E FRONTAGE RD STA 154+00 TO STA 161+66

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	484	524	
MILEPOST 189.92	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. L-2.08	
STRUCTURE NO.	TRACS NO. F0738 01C					____ OF ____	

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6/11/2026 JASON.HERE@LOGANSIMPSON.COM 6/11/2026 6:47:19 PM @11:16:04 AM WHerrera c:\pwworking\usaz\dms09643\f0738_l2.07.dgn \ Model Name: P2.07



PLANT LEGEND

	Botanical Name / Common Name
CA	Cylindropuntia acanthocarpa — Buckhorn Cholla
CL	Cylindropuntia leptocaulis — Desert Christmas Cactus
✳	Ferocactus cylindraceus — Barrel Cactus
▭	Fouquieria splendens — Ocotillo
MG	Mammillaria grahamii — Fishhook Pincushion
OC	Opuntia chorotica — Pancake Prickly Pear
OE	Opuntia engelmannii — Desert Prickly Pear
PG	Peniocereus greggii — Arizona Queen Of The Night
YB	Yucca baccata — Banana Yucca
YE	Yucca elata — Soaptree Yucca

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT CERTIFICATE NO. 21401 M. WAYNE COLEBANK Date Signed 06/11/26 ARIZONA, U.S.A. Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

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T (480) 967-1343

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

LANDSCAPE REVEGETATION SHEET
SB US 93 STA 280+00 TO STA 294+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	485	524	

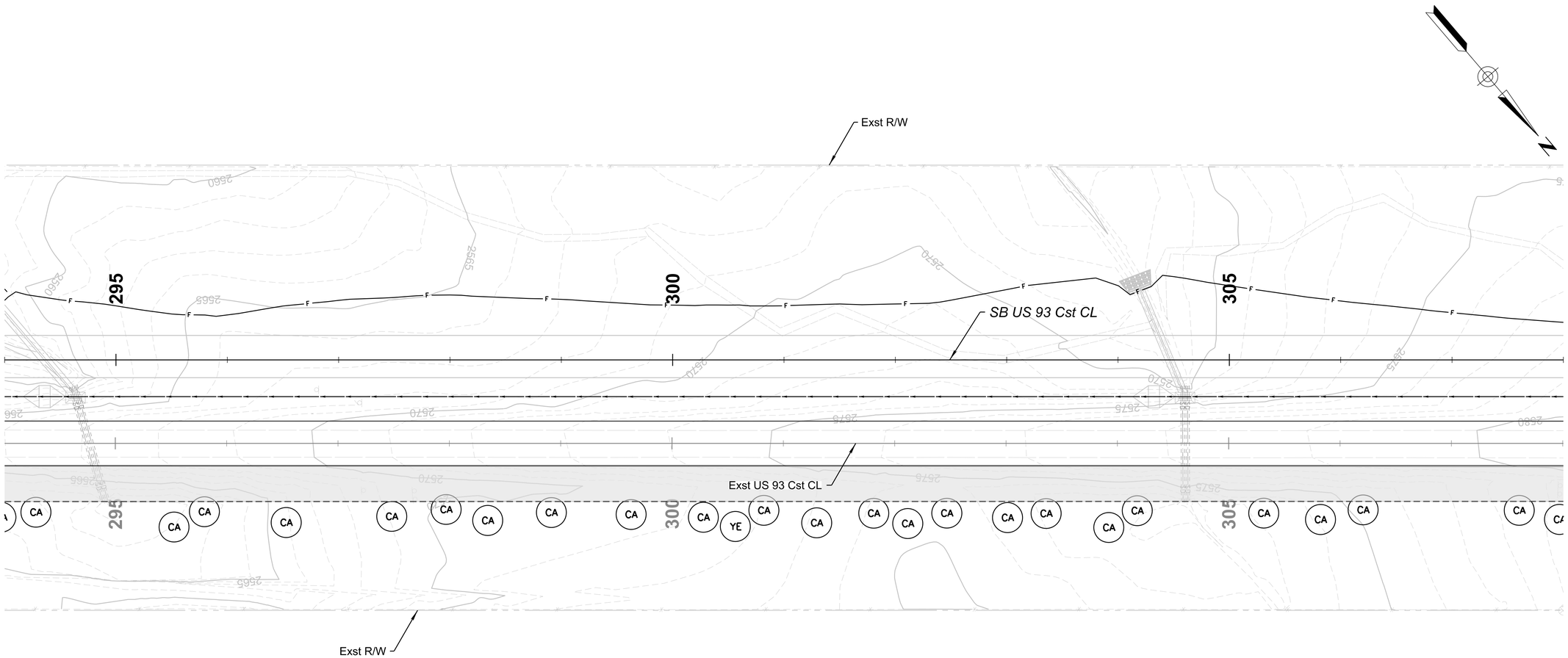
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. L-2.09

TRACS NO. F0738 01C

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PLANT LEGEND

	Botanical Name / Common Name		Botanical Name / Common Name
CA	Cylindropuntia acanthocarpa Buckhorn Cholla	OC	Opuntia chorotica Pancake Prickly Pear
CL	Cylindropuntia leptocaulis Desert Christmas Cactus	OE	Opuntia engelmannii Desert Prickly Pear
✳	Ferocactus cylindraceus Barrel Cactus	PG	Peniocereus greggii Arizona Queen Of The Night
▢	Fouquieria splendens Ocotillo	YB	Yucca baccata Banana Yucca
MG	Mammillaria grahamii Fishhook Pincushion	YE	Yucca elata Soaptree Yucca

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2009

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
333 SOUTHRAIL AVENUE, SUITE 222
TEMPE, ARIZONA
T (480) 367-1600
F (480) 367-1545

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

LANDSCAPE REVEGETATION SHEET
SB US 93 STA 294+00 TO STA 308+00

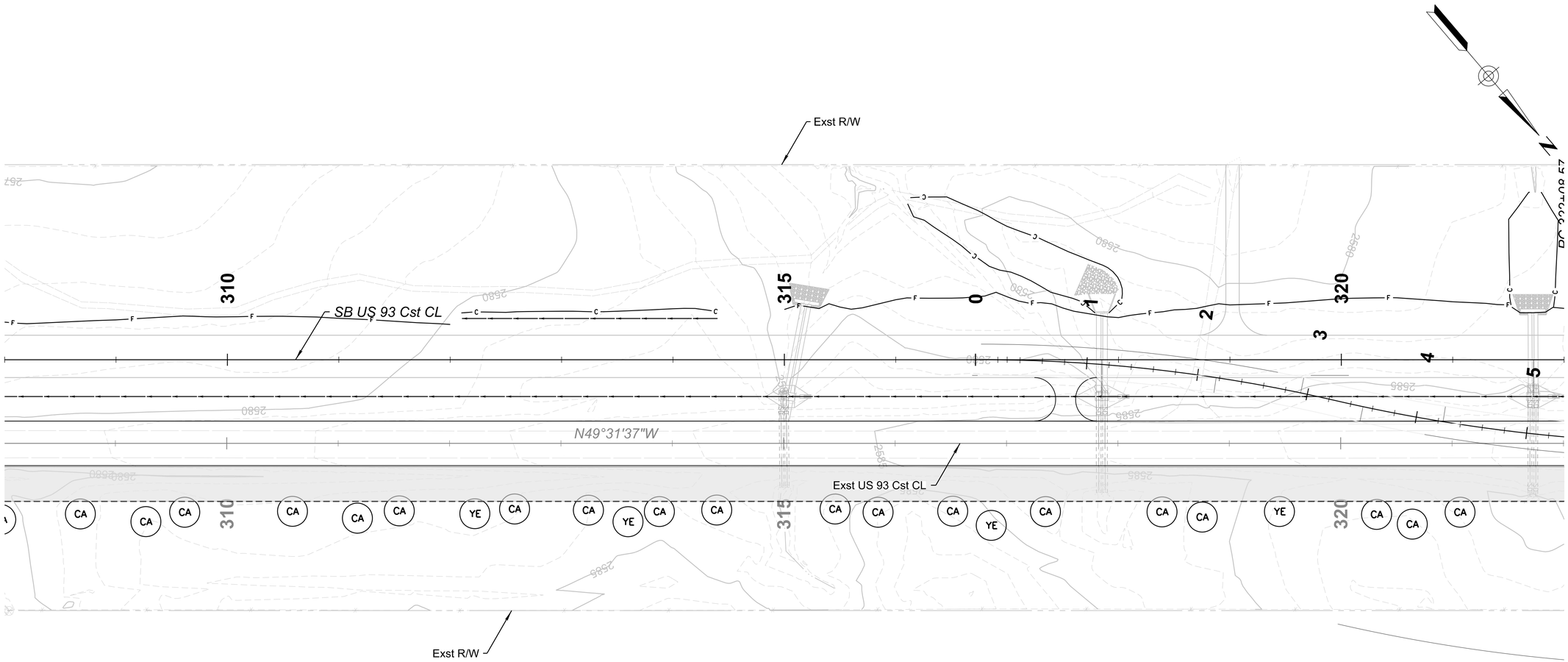
ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	486	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. L-2.10
TRACS NO. F0738 01C
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PLANT LEGEND

	Botanical Name / Common Name
CA	Cylindropuntia acanthocarpa — Buckhorn Cholla
CL	Cylindropuntia leptocaulis — Desert Christmas Cactus
✳	Ferocactus cylindraceus — Barrel Cactus
▭	Fouquieria splendens — Ocotillo
MG	Mammillaria grahamii — Fishhook Pincushion
OC	Opuntia chorotica — Pancake Prickly Pear
OE	Opuntia engelmannii — Desert Prickly Pear
PG	Peniocereus greggii — Arizona Queen Of The Night
YB	Yucca baccata — Banana Yucca
YE	Yucca elata — Soaptree Yucca

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT — CERTIFICATE NO. 2401 — M. WAYNE COLEBANK — ARIZONA, U.S.A. — Date Signed 06/11/2026 — Expires 05/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON

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

LANDSCAPE REVEGETATION SHEET
SB US 93 STA 308+00 TO STA 322+00

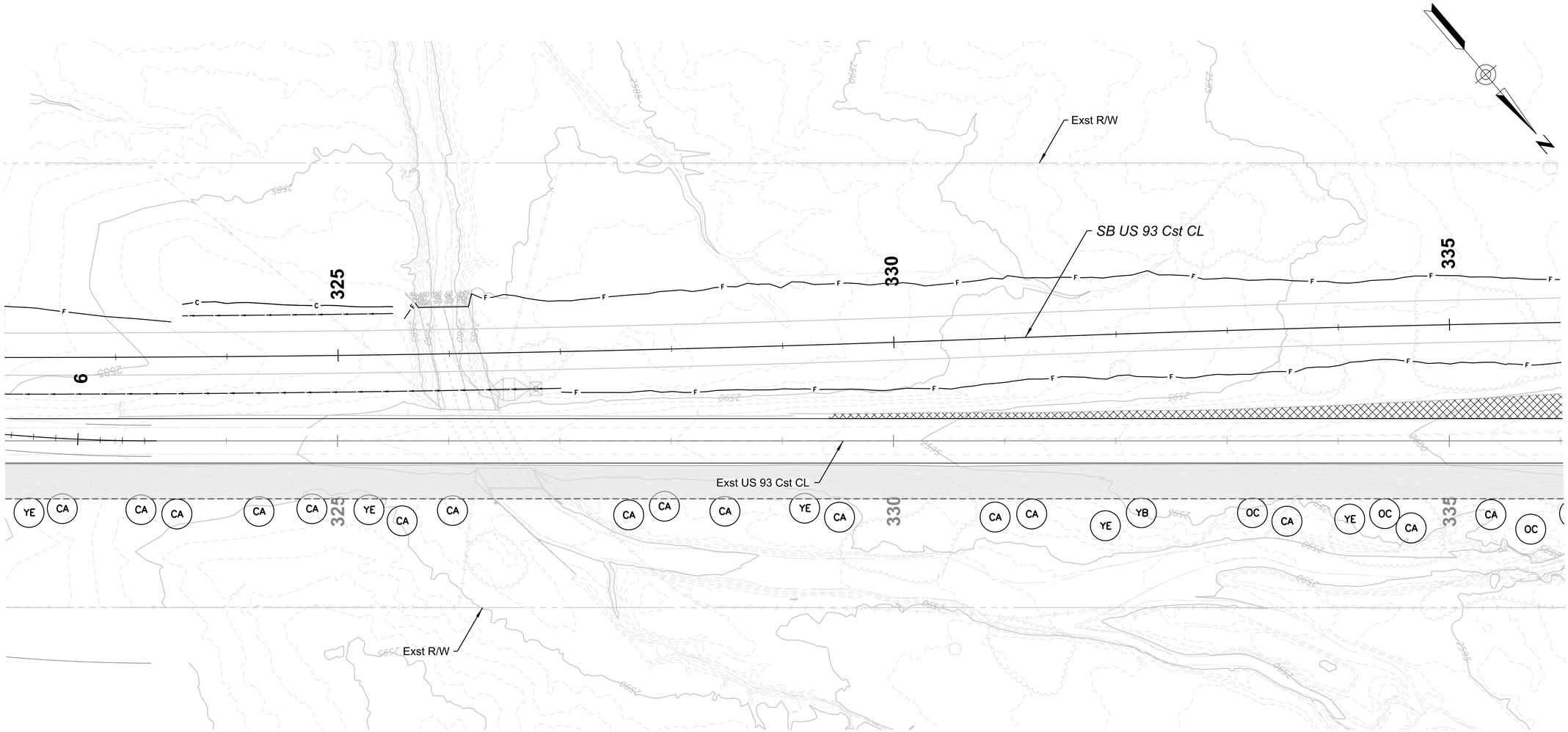
ROUTE: US 93
MILEPOST: 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	487	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. L-2.11
TRACS NO. F0738 01C
____ OF ____

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PLANT LEGEND

	Botanical Name / Common Name
CA	Cylindropuntia acanthocarpa — Buckhorn Cholla
CL	Cylindropuntia leptocaulis — Desert Christmas Cactus
✳	Ferocactus cylindraceus — Barrel Cactus
▢	Fouquieria splendens — Ocotillo
MG	Mammillaria grahamii — Fishhook Pincushion
OC	Opuntia chorotica — Pancake Prickly Pear
OE	Opuntia engelmannii — Desert Prickly Pear
PG	Peniocereus greggii — Arizona Queen Of The Night
YB	Yucca baccata — Banana Yucca
YE	Yucca elata — Soaptree Yucca

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT CERTIFICATE NO. 21401 M. WAYNE COLEBANK Date Signed 06/11/2026 ARIZONA, U.S.A. Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
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TEMPE, AZ 85281
P (480) 967-1343

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

LANDSCAPE REVEGETATION SHEET
SB US 93 STA 322+00 TO STA 336+00

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.92	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	488	524	

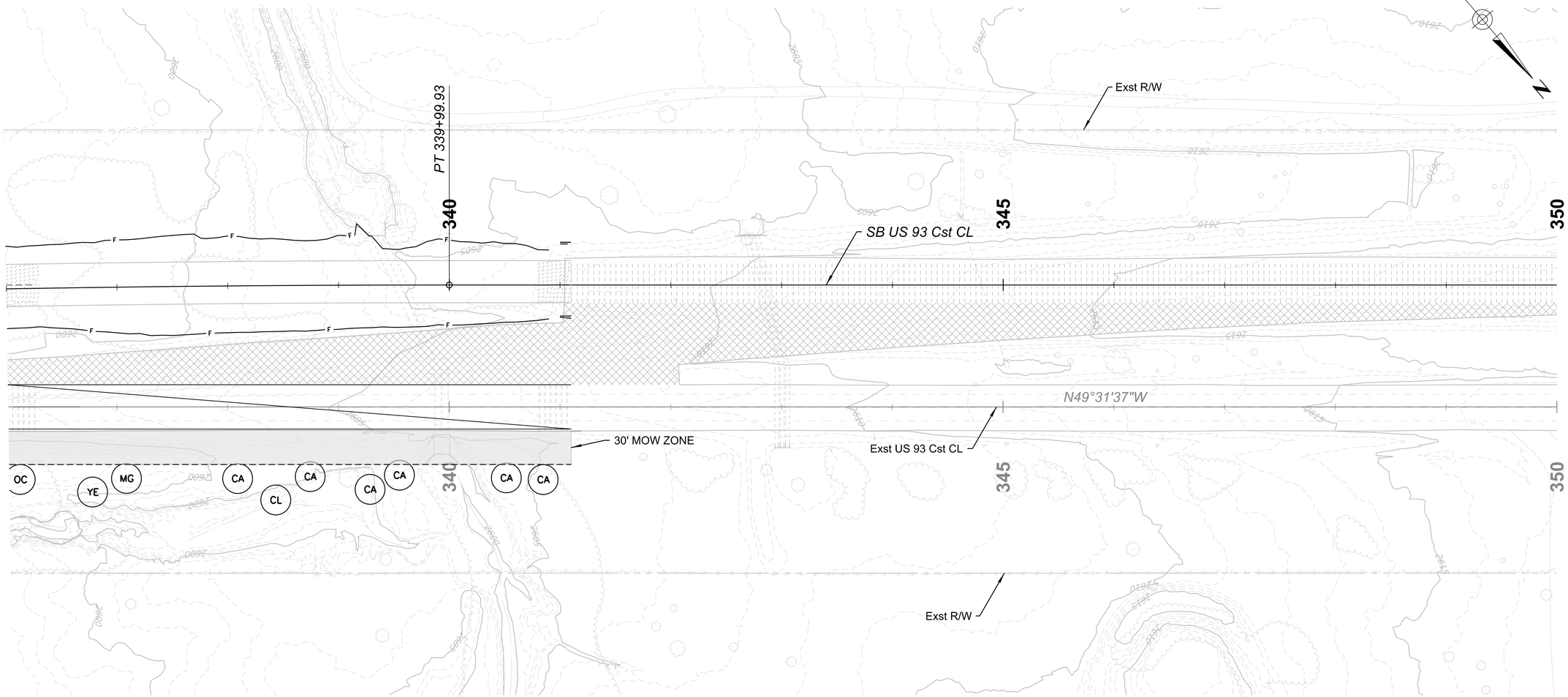
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. L-2.12

TRACS NO. F0738 01C

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PLANT LEGEND

	Botanical Name / Common Name
CA	Cylindropuntia acanthocarpa — Buckhorn Cholla
CL	Cylindropuntia leptocaulis — Desert Christmas Cactus
✳	Ferocactus cylindraceus — Barrel Cactus
□	Fouquieria splendens — Ocotillo
MG	Mammillaria grahamii — Fishhook Pincushion
OC	Opuntia chorotica — Pancake Prickly Pear
OE	Opuntia engelmannii — Desert Prickly Pear
PG	Peniocereus greggii — Arizona Queen Of The Night
YB	Yucca baccata — Banana Yucca
YE	Yucca elata — Soaptree Yucca

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT — CERTIFICATE NO. 24401 — M. WAYNE COLEBANK — Date Signed 06/11/2026 — ARIZONA, U.S.A. — Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
333 SOUTH 48th, ALTRUP, SUITE 333
TEMPE, AZ 85281
P (480) 967-1343

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

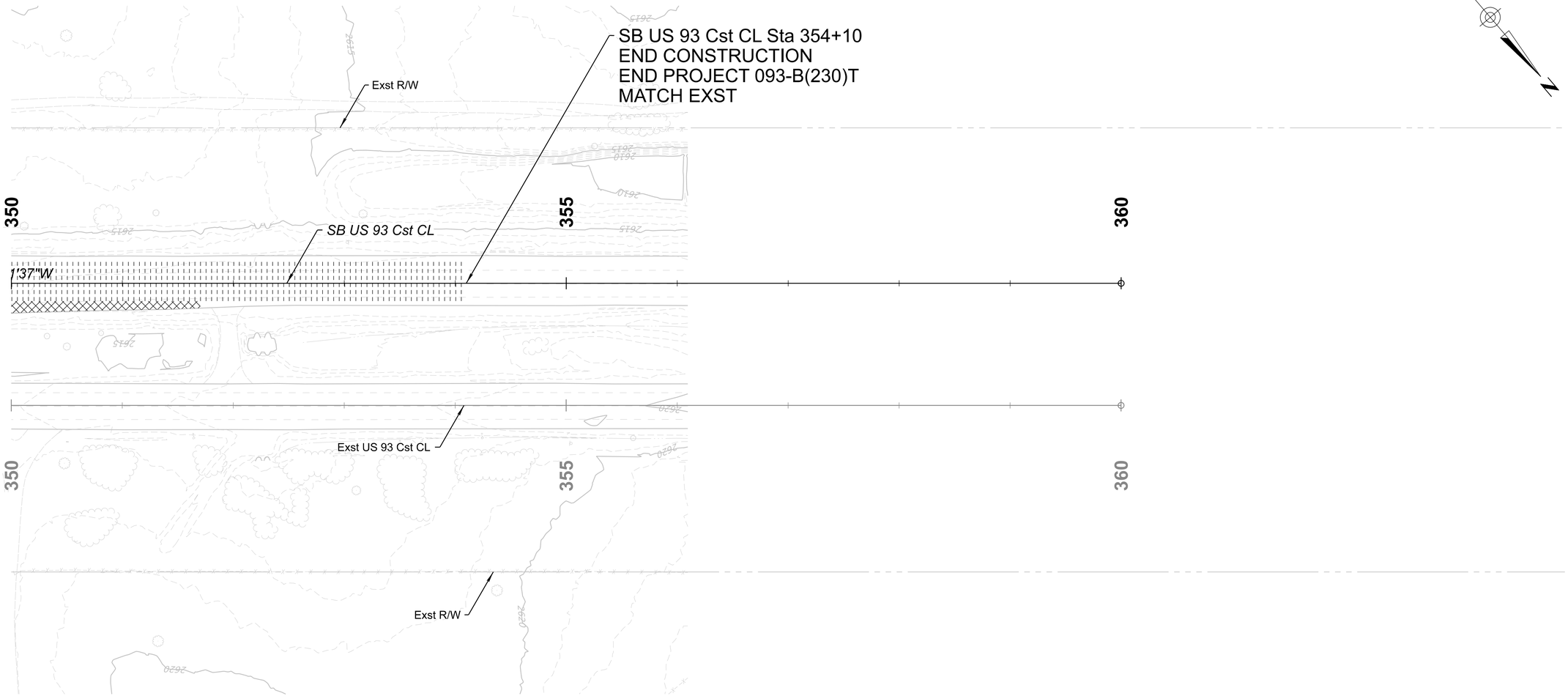
LANDSCAPE REVEGETATION SHEET
SB US 93 STA 336+00 TO STA 350+00

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.92	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	489	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. L-2.13
TRACS NO. F0738 01C
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PLANT LEGEND

	Botanical Name Common Name	MP 190	
CA	Cylindropuntia acanthocarpa Buckhorn Cholla	OC	Opuntia chorotica Pancake Prickly Pear
CL	Cylindropuntia leptocaulis Desert Christmas Cactus	OE	Opuntia engelmannii Desert Prickly Pear
✳	Ferocactus cylindraceus Barrel Cactus	PG	Peniocereus greggii Arizona Queen Of The Night
▭	Fouquieria splendens Ocotillo	YB	Yucca baccata Banana Yucca
MG	Mammillaria grahamii Fishhook Pincushion	YE	Yucca elata Soaptree Yucca

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 05/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
203 SOUTH 48th AVENUE, SUITE 203
TEMPE, AZ 85281
P (480) 967-1343

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

LANDSCAPE REVEGETATION SHEET
SB US 93 STA 350+00 TO STA 354+10

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	490	524	
MILEPOST 189.92	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. L-2.14
STRUCTURE NO.	TRACS NO. F0738 01C						___ OF___

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6/11/2026 @11:17:47 AM WHerrera

CONTROL MEASURE INDEX SHEET (CMIS)

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

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

I. PROJECT DESCRIPTION

A. Owner Name and Address:

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

B. Project TRACS Number: F0738 01C

C. Project Name/Location (be consistent with the plan set cover sheet): Wickenburg Ranch Way to Vista Royale US 93

City: Wickenburg County: Maricopa/Yavapai

Beginning Latitude (NAD 83): 34°6'0" N

Beginning Longitude (NAD 83): 112°46'48" W

Ending Latitude (NAD 83): 34°3'25" N

Ending Longitude (NAD 83): 112°46'48" W

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

http://www.flashearth.com/

D. Project Description: Project expands US 93 from two lanes to four lanes, creating a divided roadway with center median and 8-foot shoulders,adds a two-way frontage road on the east side for local access between Nine Irons Ranch Road and Antelope Creek Road,builds a new southbound bridge over the BNSF railroad tracks to eliminate at-grade crossings, and installs a roundabout at Moreton Rd and Nine Irons Ranch Road. This project also includes Gap A limits which include Wickenburg Ranch Way and Matthie Ranch Road.

II. HYDROLOGIC INFORMATION

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

Percentage before Construction: _____

Percentage after Construction: _____

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

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

(If unnamed, state as unnamed)

III. SOIL STABILIZATION MEASURES

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

IV. MEASURES TO CONTROL STORMWATER AND AIR QUALITY

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

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

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

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

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

ADOTWater@azdot.gov

REV. DATE: 4/21

REGISTERED LANDSCAPE ARCHITECT — CERTIFICATE NO. 24401 — M. WAYNE COLEBANK — Date Signed 06/11/2026 — ARIZONA, U.S.A. — Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON — 222 SOUTH MILL AVENUE, SUITE 222 TEMPE, AZ 85281 P (480) 967-1343

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

EROSION CONTROL DETAIL SHEET

ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.92	

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	491	524	

LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. E-1.01

____ OF ____

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	492	524	
		093 YV 189			

EROSION CONTROL QUANTITIES

SHEETS	Sediment Wattle - 9" (Lin Ft)	Sediment Wattle - 20" (Lin Ft)	Rock Mulch (Cu Yd)	Sediment Log (Lin Ft)	Check Dam (Cu Yd)	Stabilized Construction Entrance (Sq Yd) Detail ES 6	Granite Mulch (1 1/4" Minus) (Sq Yd) See Note 3	Seeding (Ac)
E-03.01	2074	0	0	0	18	0	1096	2.2
E-03.02	2162	1478	135	48	24	0	2269	4.5
E-03.03	0	1134	27	64	18	400	3246	3.9
E-03.04	1117	2101	49	0	9	0	5320	5.3
E-03.05	1363	0	75	24	33	0	0	3.8
E-03.06	1991	603	6.5	0	39	17	0	1.3
E-03.07	2583	1427	4	0	36	0	0	2.1
E-03.08	3483	1405	14	0	36	33	0	2.7
E-03.09	6003	4027	15.2	0	90	68	0	6.1
E-03.10	3140	4144	7.7	0	63	68	0	5.2
E-03.11	4734	3573	5.8	0	18	17	0	5.4
E-03.12	3491	3116	18.4	0	39	51	0	4.1
E-03.13	3806	2469	12.2	0	36	17	0	3.7
E-03.14	2083	1381	8.6	0	33	17	0	2.3
E-03.15	1610	1325	12.5	0	15	17	0	2.0
E-03.16	2300	2281	11	0	9	34	0	1.7
E-03.17	1020	1021	2	0	0	0	0	0.5
E-03.18	0	0	0	0	0	0	0	0
E-03.19	162	1271	20	0	0	0	176	1.5
E-03.20	184	87	13	0	6	0	0	0.4
E-03.21	2749	192	13	231	0	0	0	7.0
E-03.22	791	0	0	0	0	0	0	2.2
E-03.23	2260	0	12	195	0	0	0	2.6
E-03.24	2540	0	0	0	6	0	0	2.1
E-03.25	2342	0	0	0	0	0	0	1.4
G-03.07	0	0	0	0	0	0	685	0
Totals =	53,988	33,035	461.9	562	528	739	12,792	74.0

NOTES:

1. The quantities shown here are approximate and are subject to field adjustment.
2. Temporary BMP's are detailed only. The Contractor shall provide a temporary SWPPP Plan prior to construction for approval. Quantities for this work are estimated and shown in the bid schedule.
3. Granite Mulch in roundabout and median shall be placed to a thickness of 3-inches and will be measured and paid for under Item 8030092 - Granite Mulch (1 1/4" Minus).

	NAME	DATE
DESIGN	JML	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

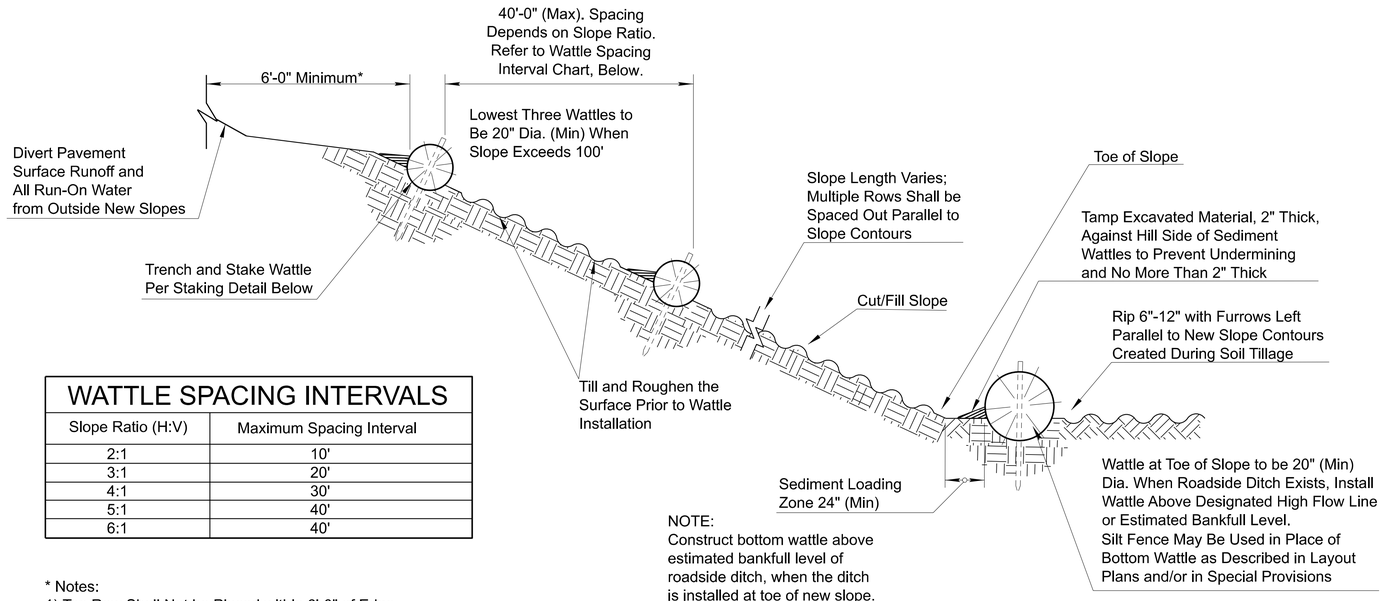
Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

EROSION CONTROL QUANTITIES

Registered Professional Engineer (Civil) 60727 DIANA B. KELLY My Date Expires ARIZONA, U.S.A.

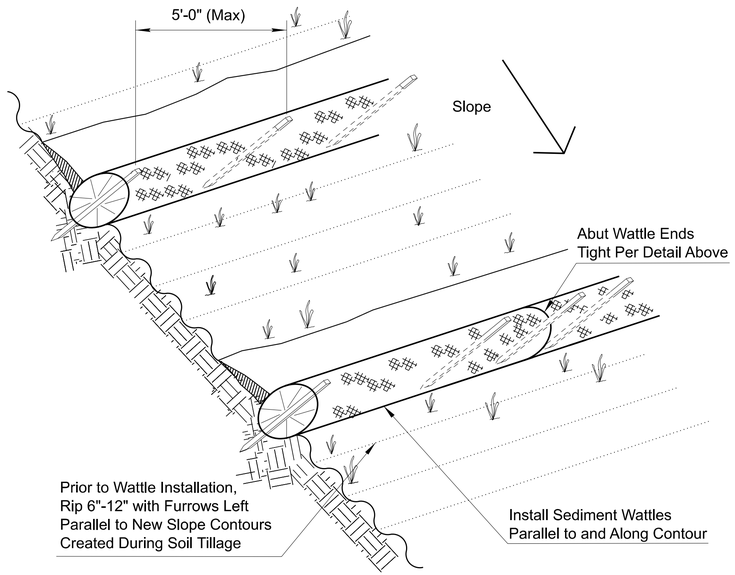
ROUTE	LOCATION	DWG NO. E-1.02
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___



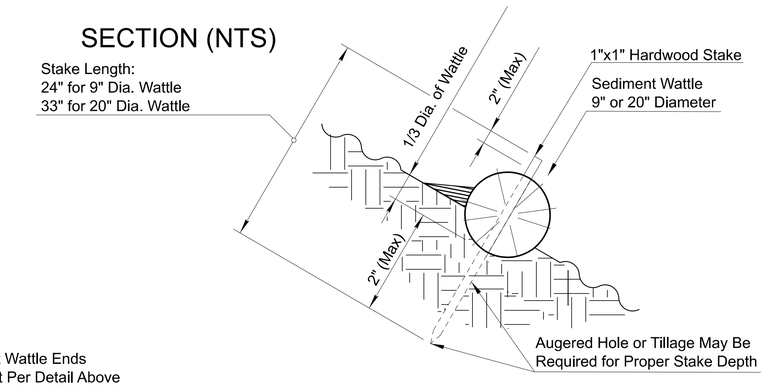
SECTION (NTS)

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

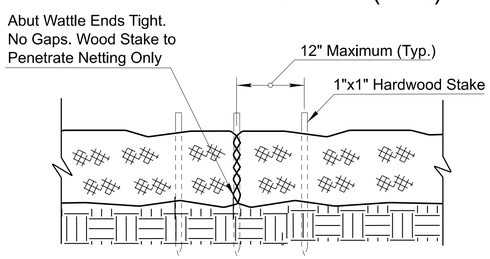
* Notes:
1) Top Row Shall Not be Placed within 6'-0" of Edge of Pavement and 9'-0" from Outside Surface of Barrier.
2) For erosive soils, place rows of wattles closer together.
3) For soils with low erosive potential, place rows of wattles further apart.



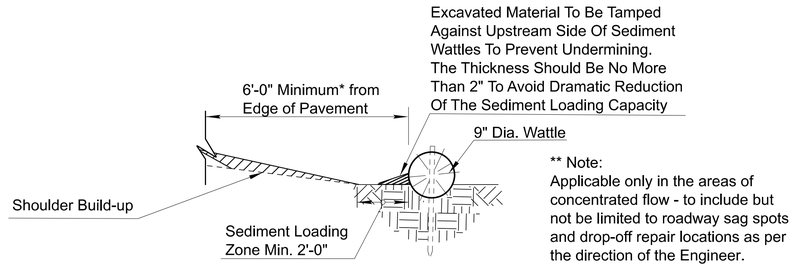
SEDIMENT WATTLE LAYOUT (NTS)



SEDIMENT WATTLE STAKING DETAIL (NTS)



SEDIMENT WATTLE OVERLAP (NTS)



NEW SHOULDER BUILDUP ** PROTECTION SECTION (NTS)

NOTES:

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

DETAIL ES1
SEDIMENT WATTLE

REV. DATE: 4/21

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
24401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
222 SOUTH MILL AVENUE, SUITE 222
TEMPE, AZ 85281
P (480) 967-1343

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

EROSION DETAIL SHEET

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	493	524	
MILEPOST 189.92						
STRUCTURE NO.						

F.H.W.A. Arizona Division

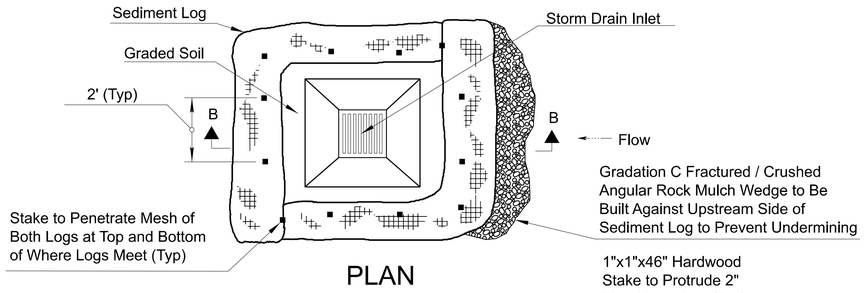
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. E-2.01

TRACS NO. F0738 01C

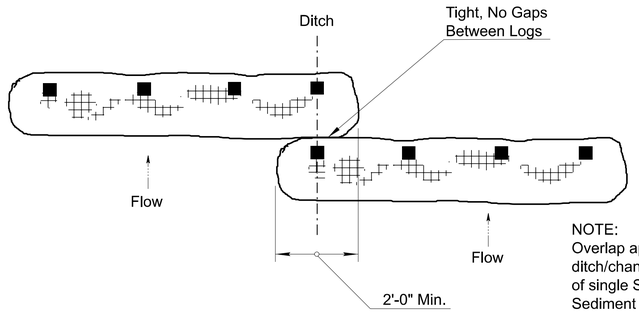
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6/11/2026 @11:22:51 AM WHerrera



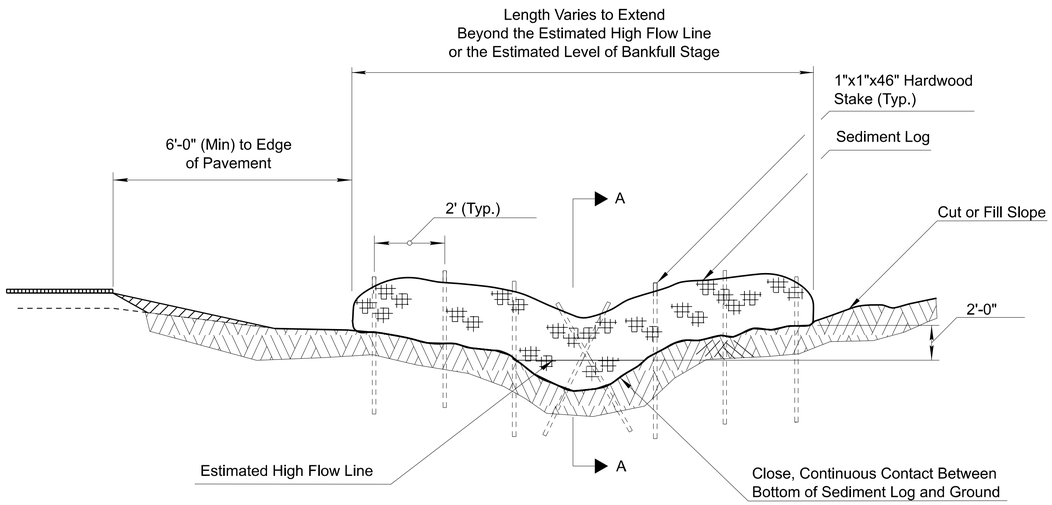
PLAN

SEDIMENT LOG AT STORM DRAIN
SECTION B-B (NTS)



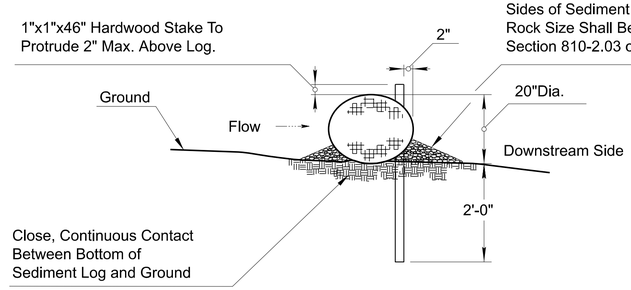
NOTE:
Overlap applies to situations where ditch/channel is wider than length of single Sediment Log. Two or multiple Sediment Logs may be necessary.

TYPICAL OVERLAP
PLAN (NTS)



SEDIMENT LOG IN DITCH/CHANNEL
SECTIONAL ELEVATION (NTS)

Fractured / Crushed Angular Rock Mulch Wedge (approx.12"wide x 5"high) to be Tamped Against Both Upstream and Downstream Sides of Sediment Log to Prevent Undermining. Rock Size Shall Be Gradation C as Per Section 810-2.03 of the Specifications.



SECTION A-A (NTS)

NOTES:
1. Sediment Logs shall not be installed in the urban freeway medians, nor where cable barrier systems are employed.
2. Locate Sediment Logs as indicated in plans, SWPPP or as directed by the Engineer.
3. Select, install and maintain Sediment Logs per manufacturers' specifications and good engineering practices.
4. Lay Sediment Log across prepared roadside ditch or channel. Trenching or burial of Sediment Logs is not required. The close, continuous contact between the bottom of the Log and the ground is mandatory. The Logs shall be installed in the roadside ditch, swale or channel bottom perpendicular to the flow of water as shown on detail this sheet.
5. Stake Log as shown. Stakes shall be placed through downstream side only as shown.
6. DO NOT drive stakes through center of the Log. Stakes must be driven into the ground as shown.
7. Ensure that no gaps exist between soil and bottom of Sediment Log. Repair any rills or undercuts promptly.
8. Placement of Sediment Logs shall be evaluated by the Engineer in rocky soil conditions.
9. Remove Sediment Log CM's/BMP's within the ditches/channels and around the storm drain inlets as per the direction of the Engineer or as soon as practicable upon stabilization of the construction disturbed area.
10. Dispose of Sediment Logs and trapped sediment material and fill trench created by Sediment Log.
11. The installation and maintenance of Sediment Log CM's/BMP's shall not negatively impact traffic safety, nor the designed function of roadway or bridge drainage facilities. Sediment Logs shall be installed and maintained to carry the stormwater of at least 2-year, 24-hour events.
12. Make field adjustments and corrections of Sediment Log CM's/BMP's immediately if it is causing flooding, erosion, and/or affecting roadway safety.
13. Rock mulch/riprap may be required for channel/ditch lining or rock check dams for longitudinal ditch slopes that exceed 5% and/or for soil conditions not suitable for Log installation.
14. The Sediment Log CM's/BMP's pay/bid item shall include all materials used for this CM's/BMP's: all ground preparation, furnishing, installing, maintenance, final removal, and disposal, as well as returning the area to an acceptable condition as approved by the Engineer.
15. Refer to Specification Section 810-2.06(B) for Sediment Log material specifications.
16. Make field adjustments and corrections to ensure NO sensitive biological resources (native species / habitats) will be adversely impacted.
17. Construct Rock Wedge with angular-shaped Gradation C Rock Mulch as defined in Section 810-2.03 of the Specifications and project special provisions. Natural river-run materials such as rounded river rocks/cobblestones and pebbles are NOT acceptable.

DETAIL ES2
SEDIMENT LOG

REV. DATE: 4/21

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
333 SOUTH MILL AVENUE, SUITE 222
TEMPE, AZ 85281
T (480) 967-1343

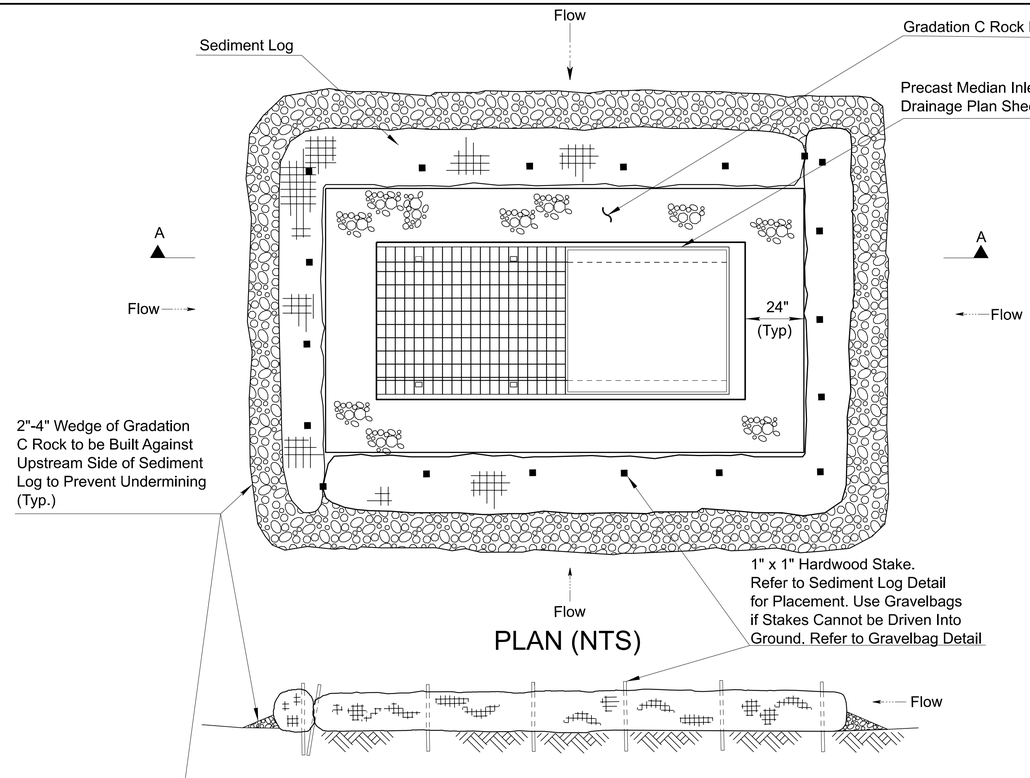
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

EROSION CONTROL
DETAIL SHEET

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	494	524	

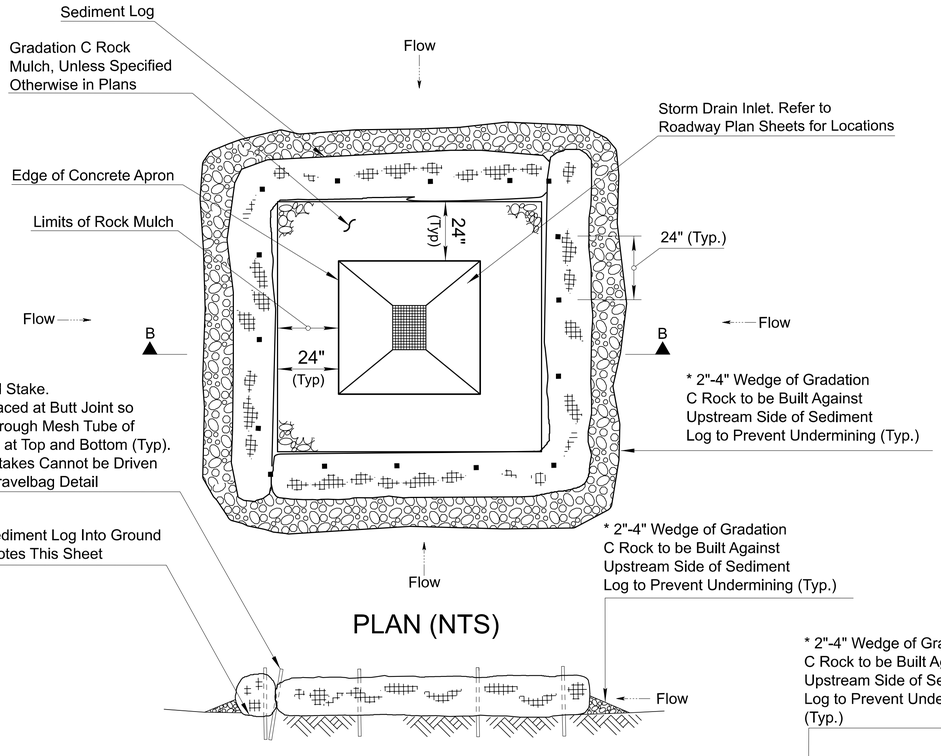
MILEPOST 189.92
STRUCTURE NO.
F.H.W.A. Arizona Division
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE
DWG No. E-2.02
TRACS NO. F0738 01C
____ OF ____

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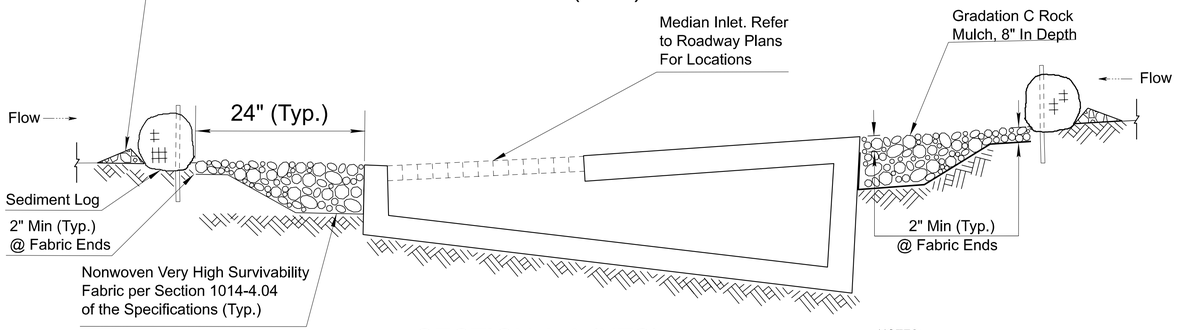
PLAN (NTS)

ELEVATION (NTS)

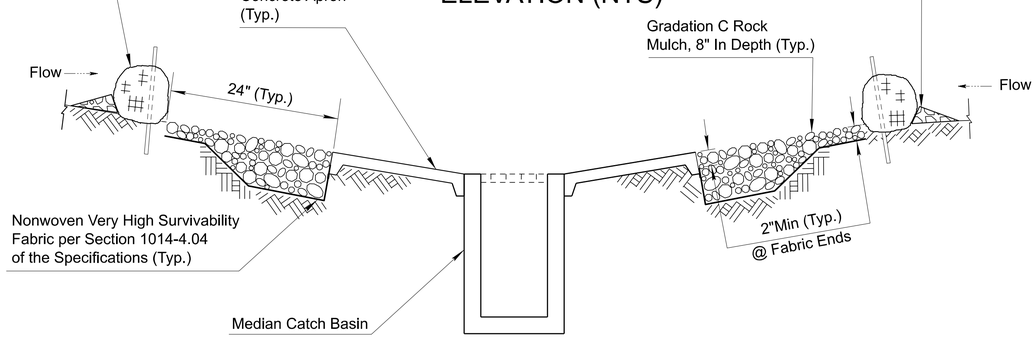


PLAN (NTS)

ELEVATION (NTS)



SECTION A-A (NTS)



SECTION B-B (NTS)

NOTES:

1. Sediment logs shall be located as indicated on plans or as directed by the Engineer. They shall be selected, installed, and maintained per manufacturer's specifications and good engineering practices.Log shall be installed perpendicular to the flow of water. Continuous contact between the bottom of the log and the ground is mandatory.
2. Stake log with 1"x1"x46" Min. hardwood stakes 24" on center. The stake shall be placed through the downstream side only. It is necessary for the stakes to grab one or two inches of netting. Do not drive stake through center of log. The stakes must be driven into the ground 24". Stakes at corners shall be placed in an "X" pattern.
3. Make sure no gaps exist between subgrade and sediment log. Runoff must not pass under sediment log. May require subgrade preparation as directed by Engineer.
4. Repair any rills or gullies promptly.
5. Remove Sediment Log and stakes once construction activities are complete. Dispose of sediment logs and trapped sediment material and fill trench created by sediment log.
6. Refer to Roadway and Drainage Plans and Details for Locations of Inlets and Catch Basins.
7. Make field adjustments and corrections of Inlet Protection CM/BMP immediately if it is causing flooding, erosion, and/or affecting roadway safety.
8. Make field adjustments and corrections to ensure NO sensitive biological resources (native species / habitats) will be adversely impacted.
9. " Construct Rock Wedge with angular-shaped Gradation C Rock Mulch as defined in Section 810-2.03 of the Specifications and project special provisions. Natural river-run materials such as rounded river rocks/cobblestones and pebbles are NOT acceptable.

DETAIL ES3

INLET PROTECTION COMBINED BMPS

REV. DATE: 4/21

REGISTERED LANDSCAPE ARCHITECT CERTIFICATE NO. 24401 M. WAYNE COLEBANK Date Signed 06/11/2026 ARIZONA, U.S.A. Expires 06/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON

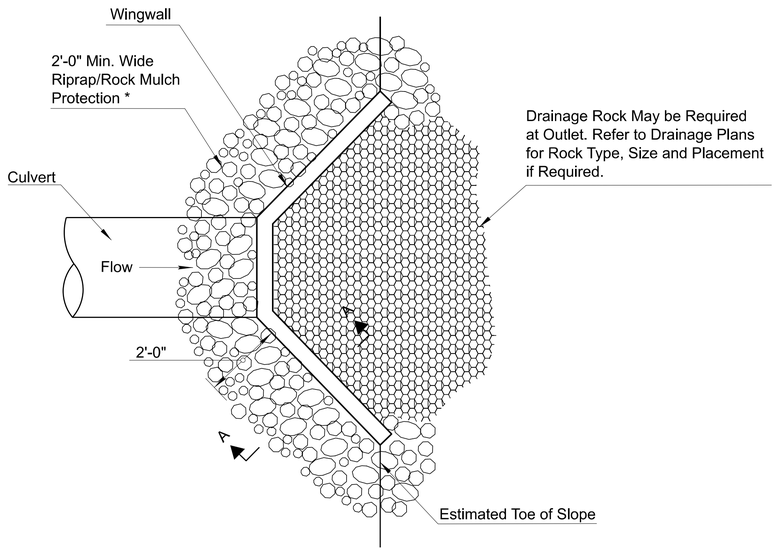
222 SOUTH MILL AVENUE , SUITE 222 TEMPE, AZ 85281 P (480) 967-1343

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

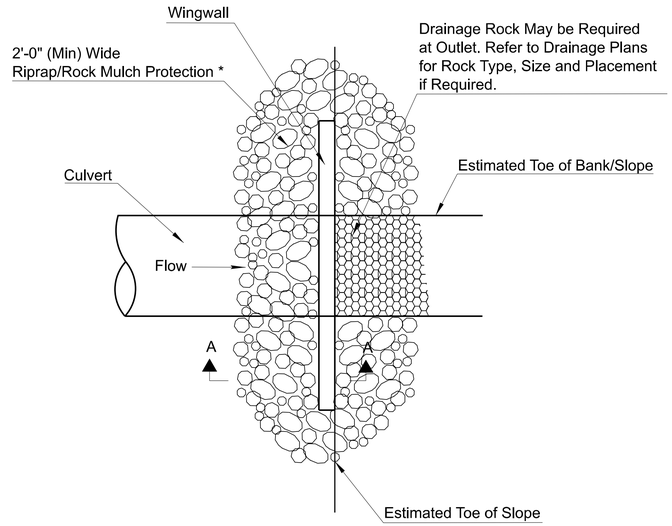
EROSION CONTROL DETAIL SHEET

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	495	524	
MILEPOST 189.92	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. E-2.03
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF____

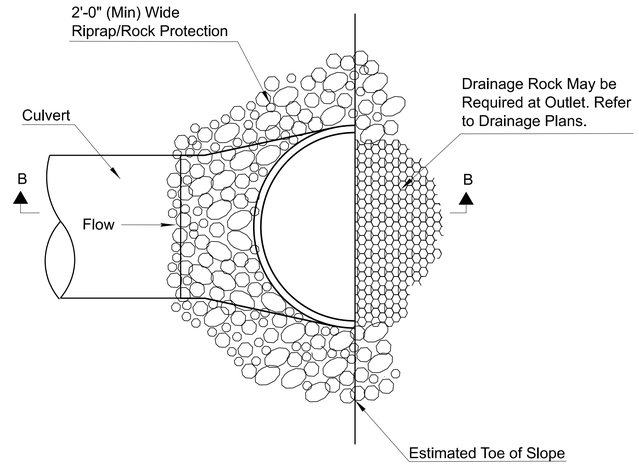
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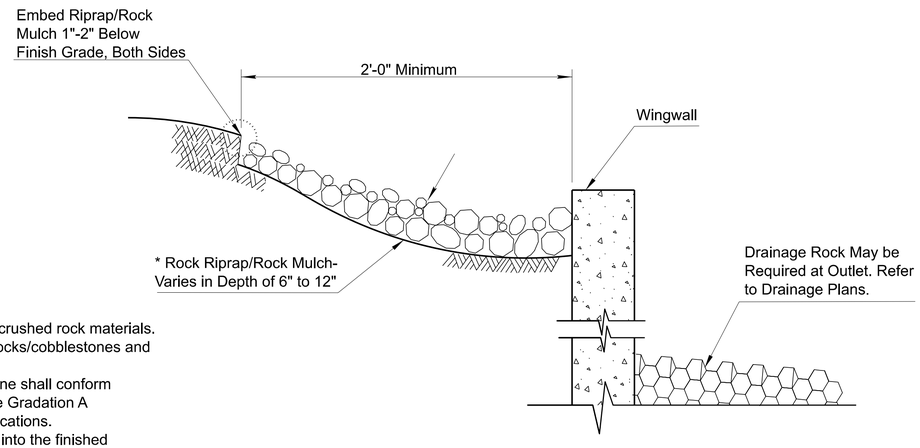
ANGLED HEADWALL
PLAN VIEW (NTS)



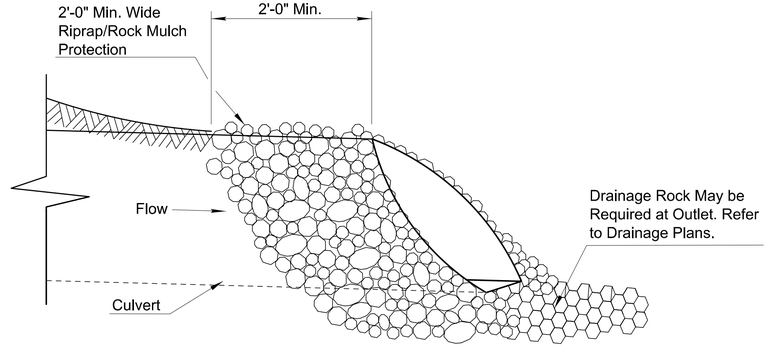
FLUSH HEADWALL
PLAN VIEW (NTS)



FLARED END
PLAN VIEW (NTS)



WINGWALL
SECTION A-A (NTS)



FLARED END
SECTION B-B (NTS)

NOTES:

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

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

DETAIL ES4

ROCK PROTECTION FOR INLETS, OUTLETS AND HEADWALL TRANSITION

REV. DATE: 4/21

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 05/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
222 SOUTH MILL AVENUE, SUITE 222
TEMPE, AZ 85281
P (480) 967-1343

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

EROSION CONTROL
DETAIL SHEET

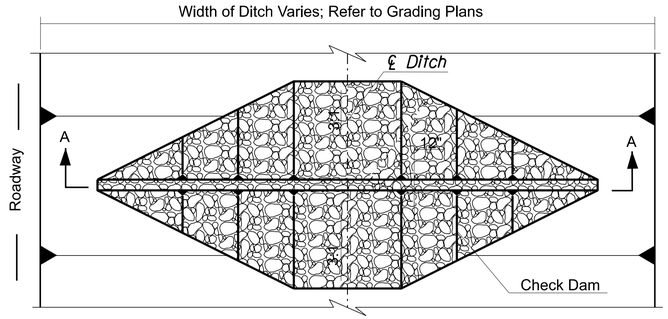
ROUTE	MILEPOST	STRUCTURE NO.
US 93	189.92	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	496	524	

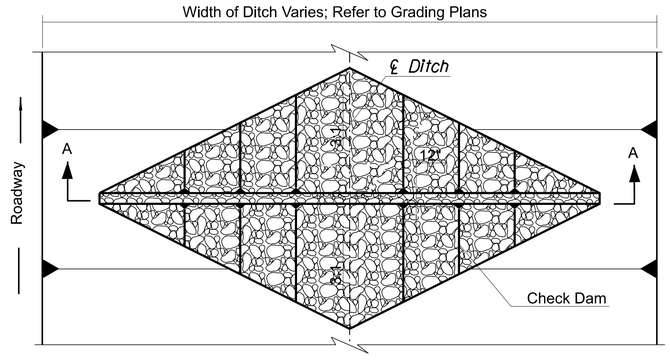
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE — DWG No. E-2.04

TRACS NO. F0738 01C — ____ OF____

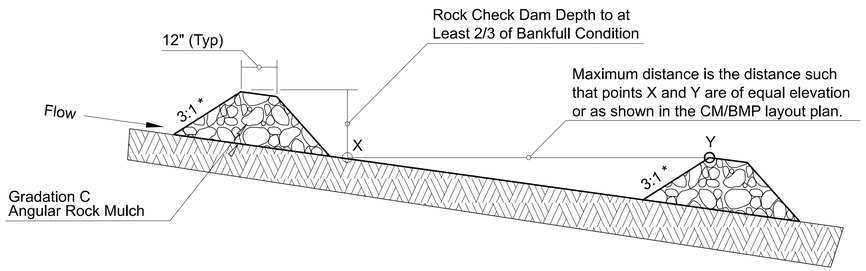
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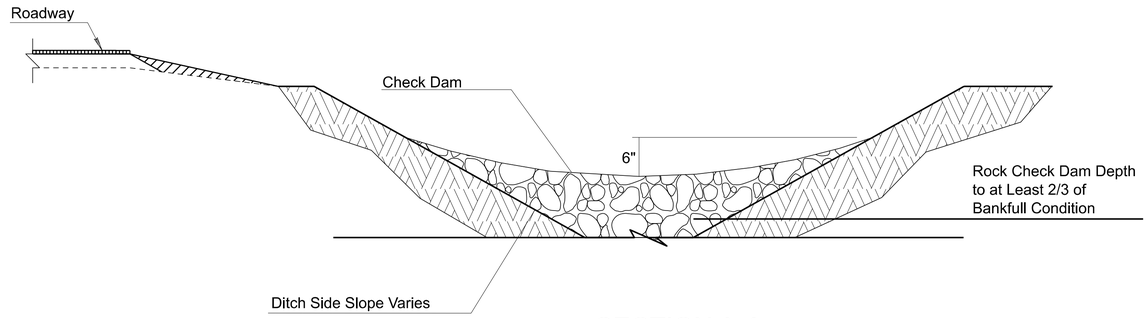
TRAPEZOIDAL DITCH PLAN (NTS)



V-DITCH PLAN (NTS)



ELEVATION ALONG DITCH SLOPE
(NTS)



SECTION A-A
TRAPEZOIDAL- OR V-DITCH
(NTS)

NOTES:

1. Construct Rock Check Dams with angular-shaped Gradation C Rock Mulch as defined in Section 810-2.03 of the Specifications and project special provisions. Natural river-run materials such as rounded river rocks/cobblestones and pebbles are NOT acceptable.
2. *Slope shall be 1(V) : 6(H) or flatter if Check Dam is within the traffic clear zone/recovery areas as defined in ADOT Roadway Design Guidelines (303.2 to 303.3 Roadside Recovery Area).
3. Make field adjustments of sizing and spacing of Rock Check Dams as necessary for traffic safety as well as proper functioning of the drainage facilities.
4. Flatten and re-grade Rock Check Dams to the finished grade, level within the ditch, as soon as practicable for Final Stabilization.
5. Make field adjustments and corrections of Rock Check Dam CM/BMP immediately if it is causing flooding, erosion, and/or affecting roadway safety.
6. Make field adjustments to ensure the top of the Rock Check Dam is approximately 2/3 height of the estimated ditch bankfull level.
7. When paid separately, the Rock Check Dam CM/BMP pay/bid item shall include all materials used for this CM/BMP: all ground preparation, furnishing, installing, maintenance, flattening/grading back to the finished grade, as well as returning the area to an acceptable condition as approved by the Engineer.
8. Make field adjustments and corrections to ensure NO sensitive biological resources (native species / habitats) will be adversely impacted.

DETAIL ES5
ROCK CHECK DAM

REV. DATE: 4/21

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGANSIMPSON
222 SOUTH MILL AVENUE, SUITE 222
TEMPE, AZ 85281
P (480) 967-1343

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

EROSION CONTROL
DETAIL SHEET

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	497	524	

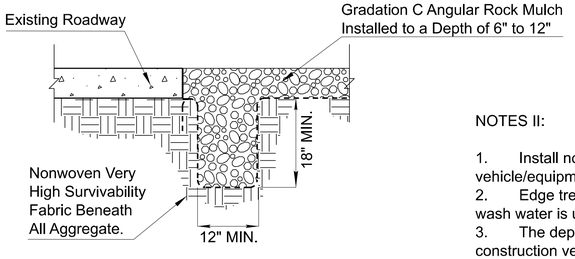
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. E-2.05

____ OF ____

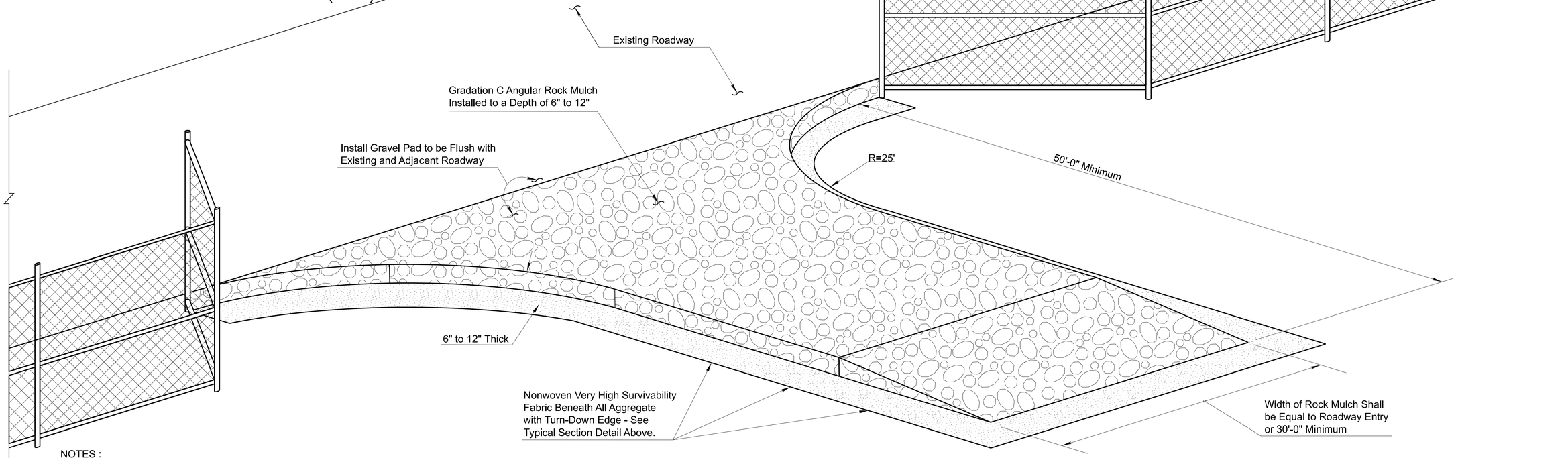
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EDGE TREATMENT TRENCHING
TYPICAL SECTION (NTS)

NOTES II:

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



BIRD'S EYE VIEW (NTS)

NOTES :

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

DETAIL ES6

STABILIZED CONSTRUCTION ENTRANCE/EXIT GRAVEL PAD

REV. DATE: 4/21

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
24401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
222 SOUTH MILL AVENUE , SUITE 222
TEMPE, AZ 85281
P (480) 967-1343

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

EROSION CONTROL
MEASURE INDEX SHEET

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	498	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

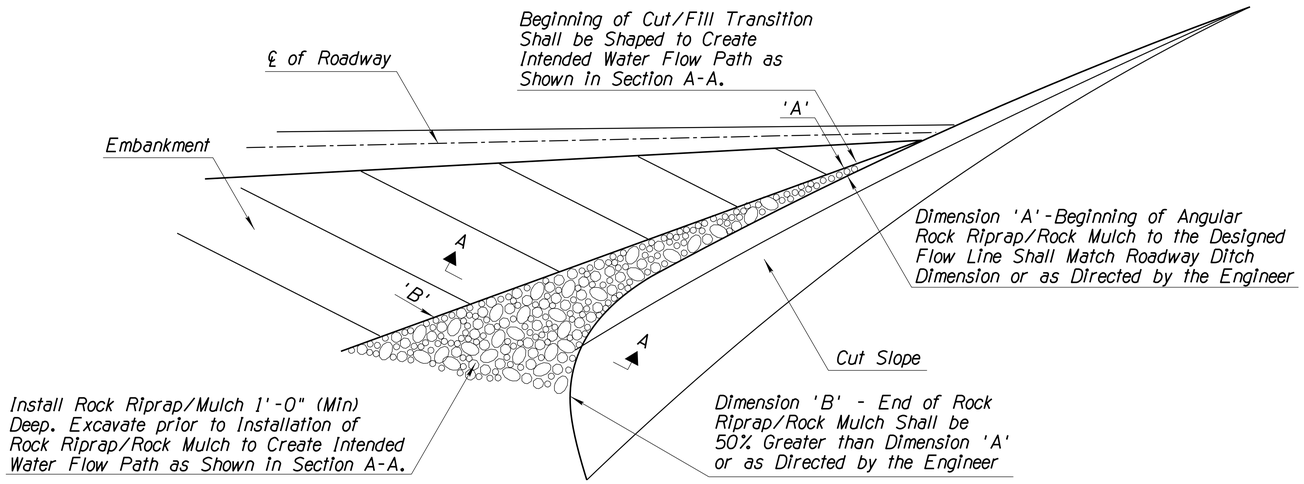
DWG No. E-2.06

TRACS NO. F0738 01C

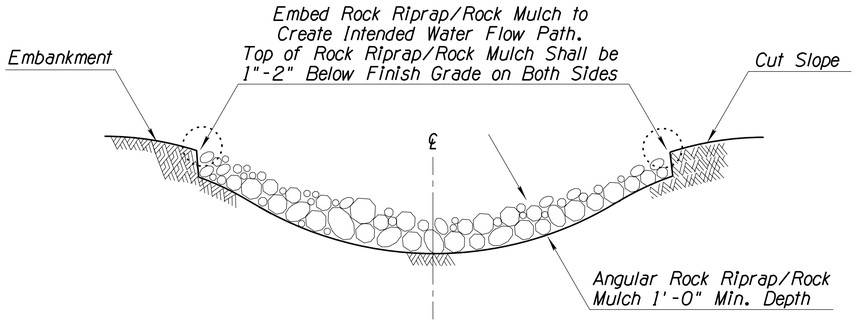
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6/11/2026 @11:24:08 AM WHerrera

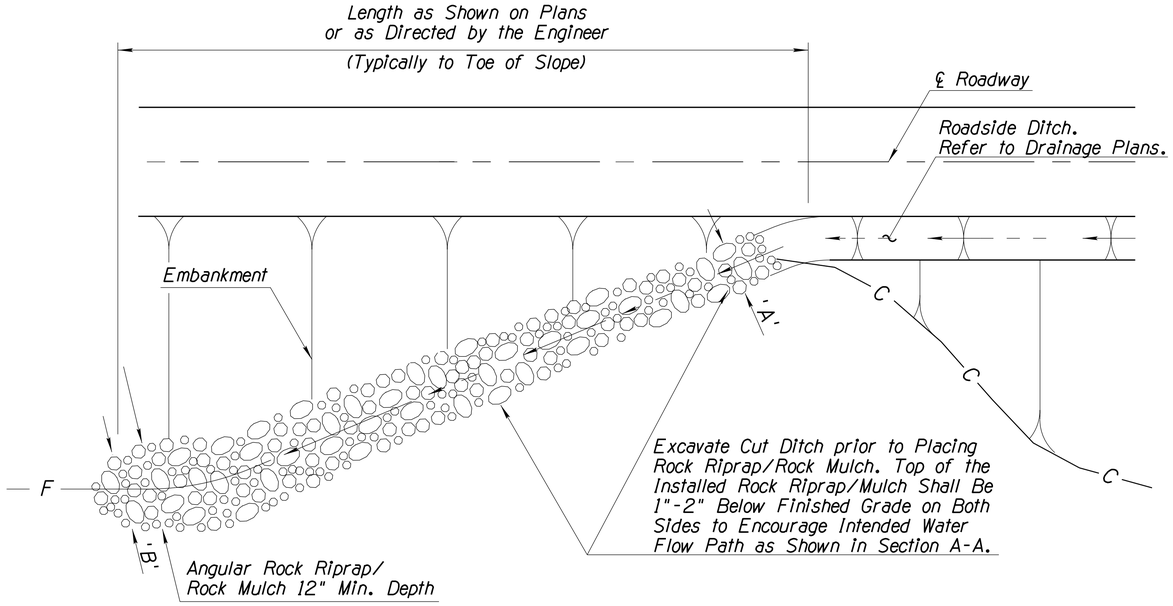
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	499	524	
		093 YV 189			



ROCK RIPRAP/ROCK MULCH FLOW PATH PERSPECTIVE (NTS)



ROCK RIPRAP/ROCK MULCH FLOW PATH EMBEDMENT
SECTION A-A (NTS)



ROCK RIPRAP/ROCK MULCH FLOW PATH PLAN VIEW (NTS)

NOTE:
Cut and fill transition shall be placed as shown on plans or where the length of the roadside ditch is 50 feet or greater. Field adjust per direction of Engineer.

NOTES:

1. *Rock Riprap/Rock Mulch shall be angular shaped, crushed rock materials. Natural river-run materials such as rounded river rocks/cobblestones and pebbles are NOT acceptable.*
2. *Rock Riprap/Rock Mulch within the traffic Clear Zone/Recovery Area shall conform to the requirements of Section 810-2.03 Sieve Size Gradation A and/or Gradation C, and Section 913 of the Specifications and project special provisions.*
3. *Install Rock Riprap/Rock Mulch to a minimum depth of 12" for Channel Lining and Cut/Fill Transition. Excavate ground surface to a depth that the top of Rock is 1"-2" below the grade of the ditch to encourage Intended Flow Path as shown in Section A-A.*
4. *Embed any rock into the finished grade so that any portion of the Rock is less than 4" above grade, within traffic recovery area/clear zone.*
5. *The installation and maintenance of Rock Protection CMs/BMPs shall not negatively impact traffic safety, nor the designed function of roadway or bridge drainage facilities. Rock Protection CMs/BMPs shall be installed and maintained to carry the stormwater of at least 2-year, 24-hour events.*
6. *Make field adjustments and corrections of Rock Protection CM/BMP immediately if it is causing flooding, erosion, and/or affecting roadway safety.*
7. *Make field adjustments to ensure the top surface of Rock Riprap/Rock Mulch is graded lower than the surrounding finished grade to collect surface stormwater runoff and concentrated flow.*
8. *The Rock Protection CM/BMP's pay/bid item shall include all materials used for this CM/BMP: all ground preparation, furnishing, installing, maintaining, as well as returning the area to an acceptable condition as approved by the Engineer.*
9. *Make field adjustments and corrections to ensure NO sensitive biological resources (native species/habitats) will be adversely impacted.*

DETAIL ES7

ROCK PROTECTION FOR CUT & FILL TRANSITION AND CHANNEL LINING

	NAME	DATE
DESIGN	JML	06-26
DRAWN	RM	06-26
CHECKED	DBK	06-26

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

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

STORMWATER QUALITY PROTECTION & EROSION/SEDIMENT CONTROL DETAILS

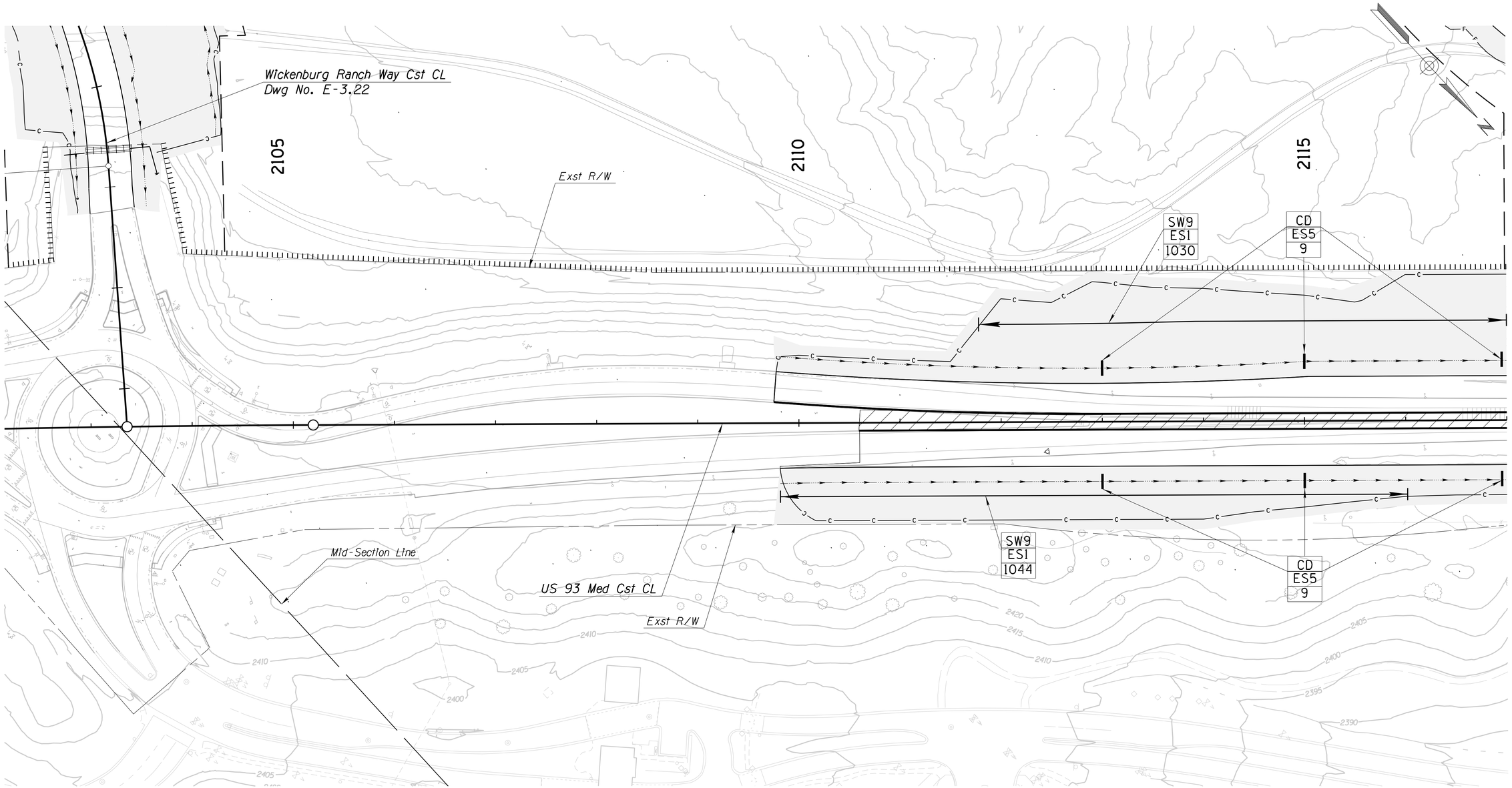
Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. E-2.07
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

NO.	DESCRIPTION OF REVISION	DATE	MADE BY
1			
2			

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	500	524	

093 YV 189



SYMBOL	DESCRIPTION	QUANTITY
	SEEDING	2.2 Ac
	GRANITE MULCH (See Note 1)	1096 Sq Yd

NOTE:

1. Granite Mulch in roundabout and median shall be placed to a thickness of 3-inches and will be measured and paid for under Item 8030092-Granite Mulch (1 1/4" Minus).

Erosion Control Method

SW20 = Sediment Wattles - 20"
SW9 = Sediment Wattles - 9"
CD = Check Dam
RP = Rock Protection
IP = Inlet Protection
SL = Sediment Log
CE = Construction Entrance

Detail Number Reference

Quantity

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

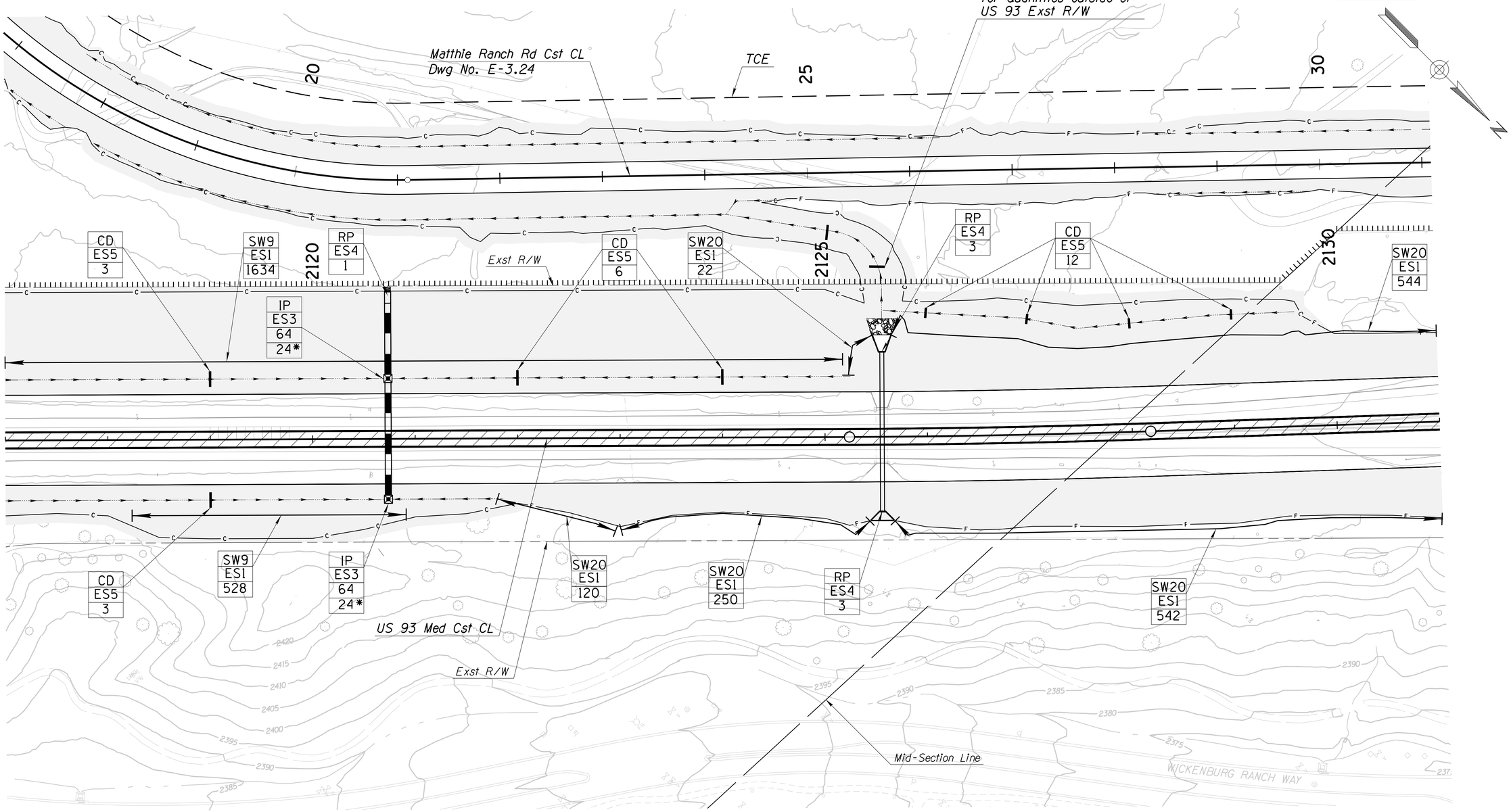
US 93
EROSION CONTROL PLAN
STA 2105+24.94 TO STA 2117+00

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. E-3.01
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	501	524	

093 YV 189



SYMBOL	DESCRIPTION	QUANTITY
	SEEDING	4.5 Ac
	GRANITE MULCH (See Note 1)	2269 Sq Yd

NOTE:

1. Granite Mulch in roundabout and median shall be placed to a thickness of 3-inches and will be measured and paid for under Item 8030092-Granite Mulch (1 1/4" Minus).

Erosion Control Method

SW20 = Sediment Wattles - 20"
SW9 = Sediment Wattles - 9"
CD = Check Dam
RP = Rock Protection
IP = Inlet Protection
SL = Sediment Log
CE = Construction Entrance

Detail Number Reference

Quantity

*Quantity of sediment log (Lin Ft).

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

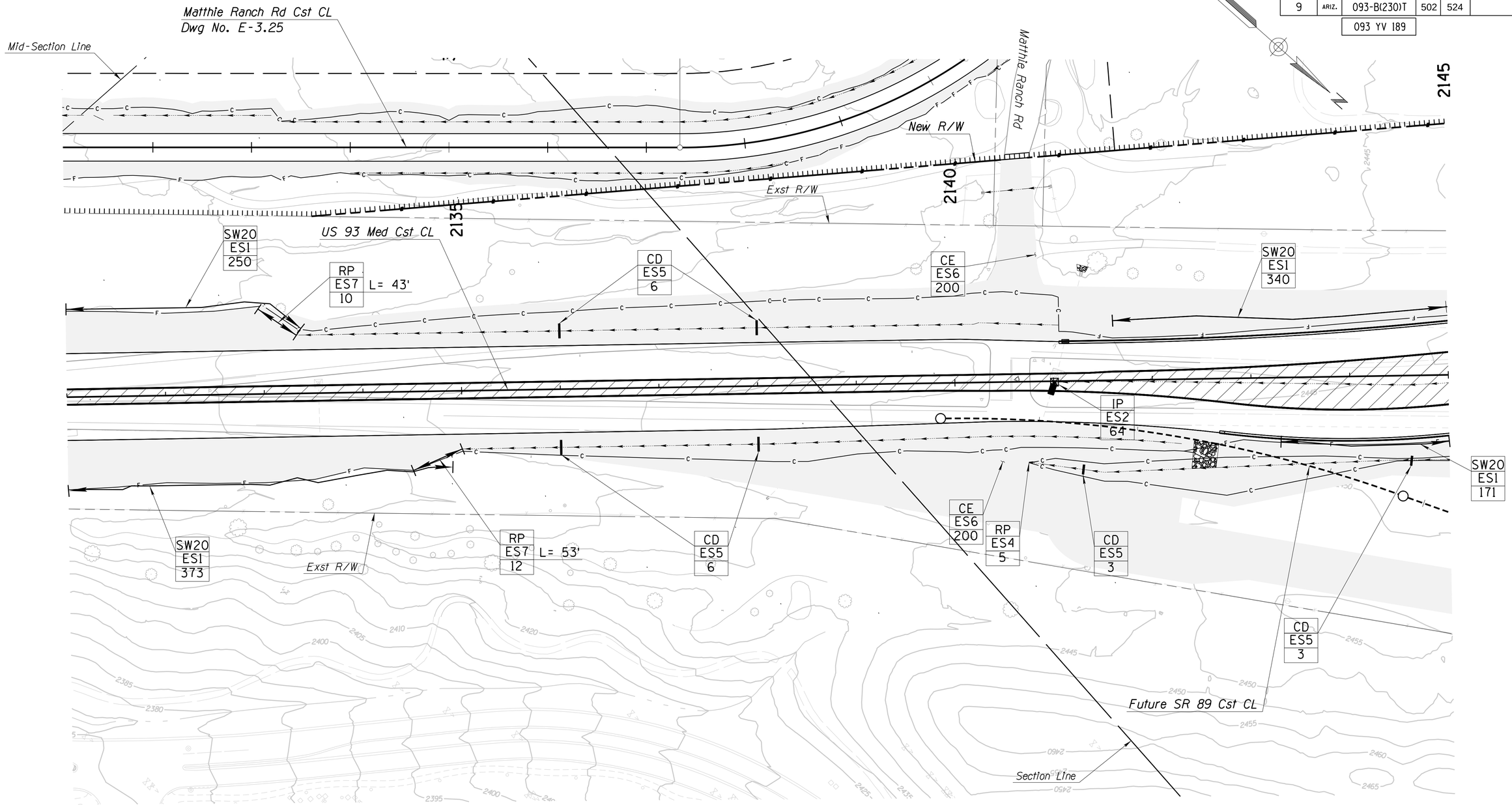
US 93/SR 89
EROSION CONTROL PLAN
STA 2117+00 TO STA 2131+00

Registered Professional Engineer Certificate
46727
DIANA B. KELLY
Date Signed 05/26/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. E-3.02
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	502	524	
		093 YV 189			



SYMBOL	DESCRIPTION	QUANTITY
	SEEDING	3.9 Ac
	GRANITE MULCH (See Note 1)	3246 Sq Yd

NOTE:

1. Granite Mulch in roundabout and median shall be placed to a thickness of 3-inches and will be measured and paid for under Item 8030092-Granite Mulch (1 1/4" Minus).

Erosion Control Method

SW20 = Sediment Wattles - 20"
SW9 = Sediment Wattles - 9"
CD = Check Dam
RP = Rock Protection
IP = Inlet Protection
SL = Sediment Log
CE = Construction Entrance

Detail Number Reference

Quantity

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

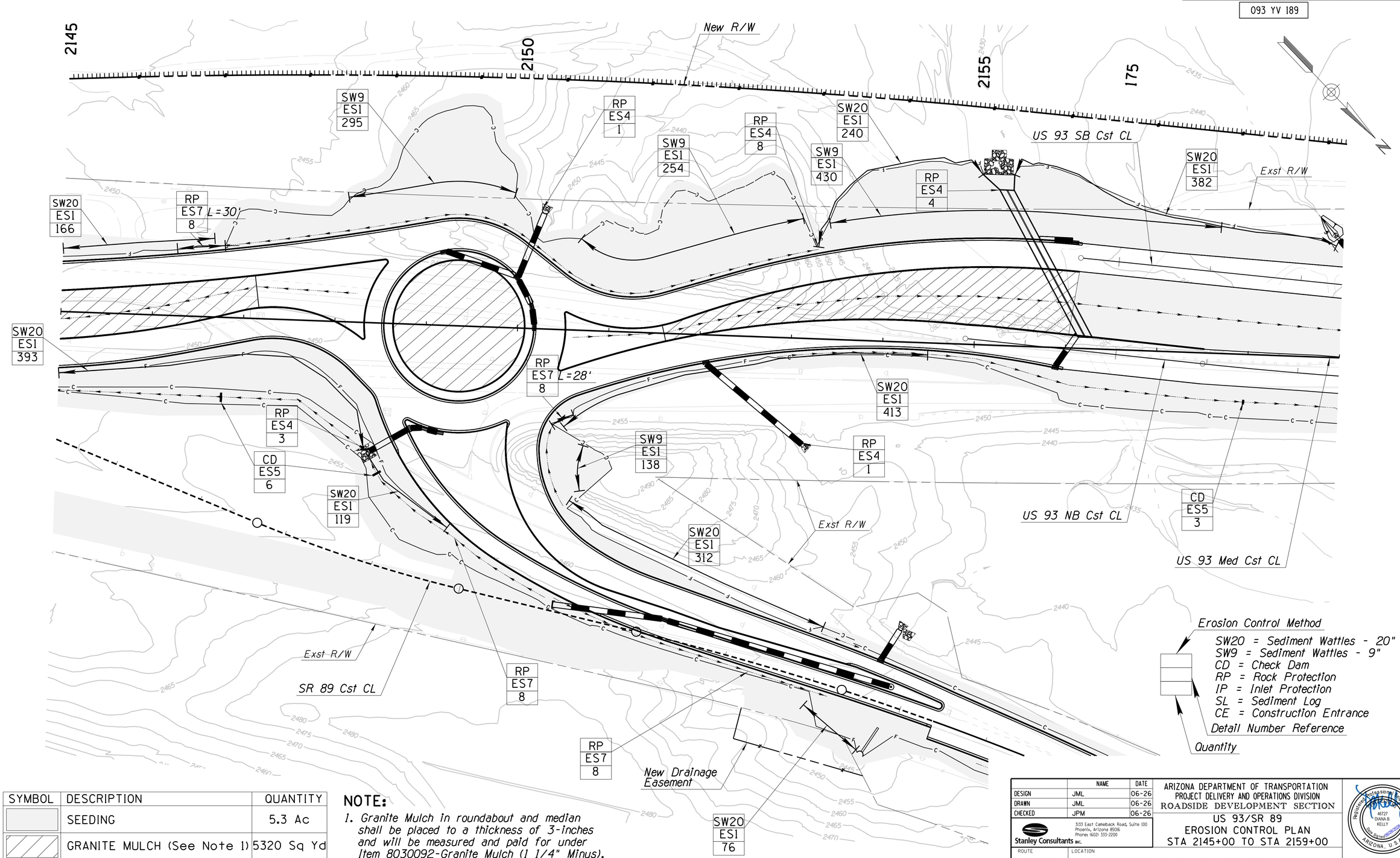
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADSIDE DEVELOPMENT SECTION

US 93/SR 89
EROSION CONTROL PLAN
STA 2131+00 TO STA 2145+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. E-3.03
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	503	524	
		093 YV 189			



Erosion Control Method

SW20 = Sediment Wattles - 20"
SW9 = Sediment Wattles - 9"
CD = Check Dam
RP = Rock Protection
IP = Inlet Protection
SL = Sediment Log
CE = Construction Entrance

Detail Number Reference

Quantity

SYMBOL	DESCRIPTION	QUANTITY
	SEEDING	5.3 Ac
	GRANITE MULCH (See Note 1)	5320 Sq Yd

NOTE:

1. Granite Mulch in roundabout and median shall be placed to a thickness of 3-inches and will be measured and paid for under Item 8030092-Granite Mulch (1 1/4" Minus).

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

US 93/SR 89
EROSION CONTROL PLAN
STA 2145+00 TO STA 2159+00

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

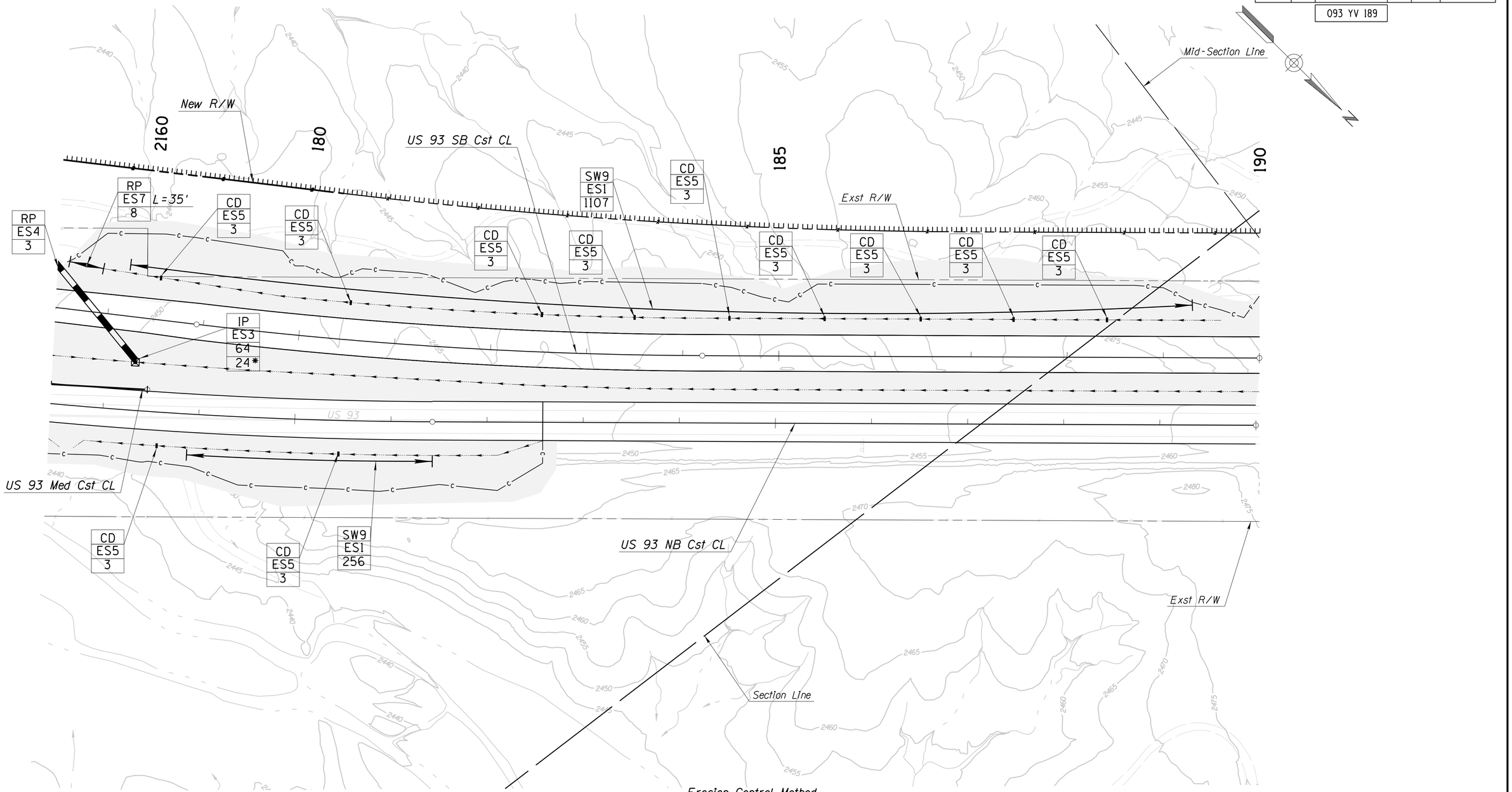
TRACS NO. F0738 01C | 093-B(230)T

Registered Professional Engineer
46727
DIANA B. KELLY
ARIZONA, U.S.A.

DWG NO. E-3.04

___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	504	524	
		093 YV 189			



SYMBOL	DESCRIPTION	QUANTITY
	SEEDING	3.8 Ac
	GRANITE MULCH (See Note 1)	0 Sq Yd

NOTE:

1. Granite Mulch in roundabout and median shall be placed to a thickness of 3-inches and will be measured and paid for under Item 8030092-Granite Mulch (1 1/4" Minus).

Erosion Control Method

SW20 = Sediment Wattles - 20"
SW9 = Sediment Wattles - 9"
CD = Check Dam
RP = Rock Protection
IP = Inlet Protection
SL = Sediment Log
CE = Construction Entrance

Detail Number Reference

Quantity

*Quantity of sediment log (Lin Ft).

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

Stanley Consultants INC.
5133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

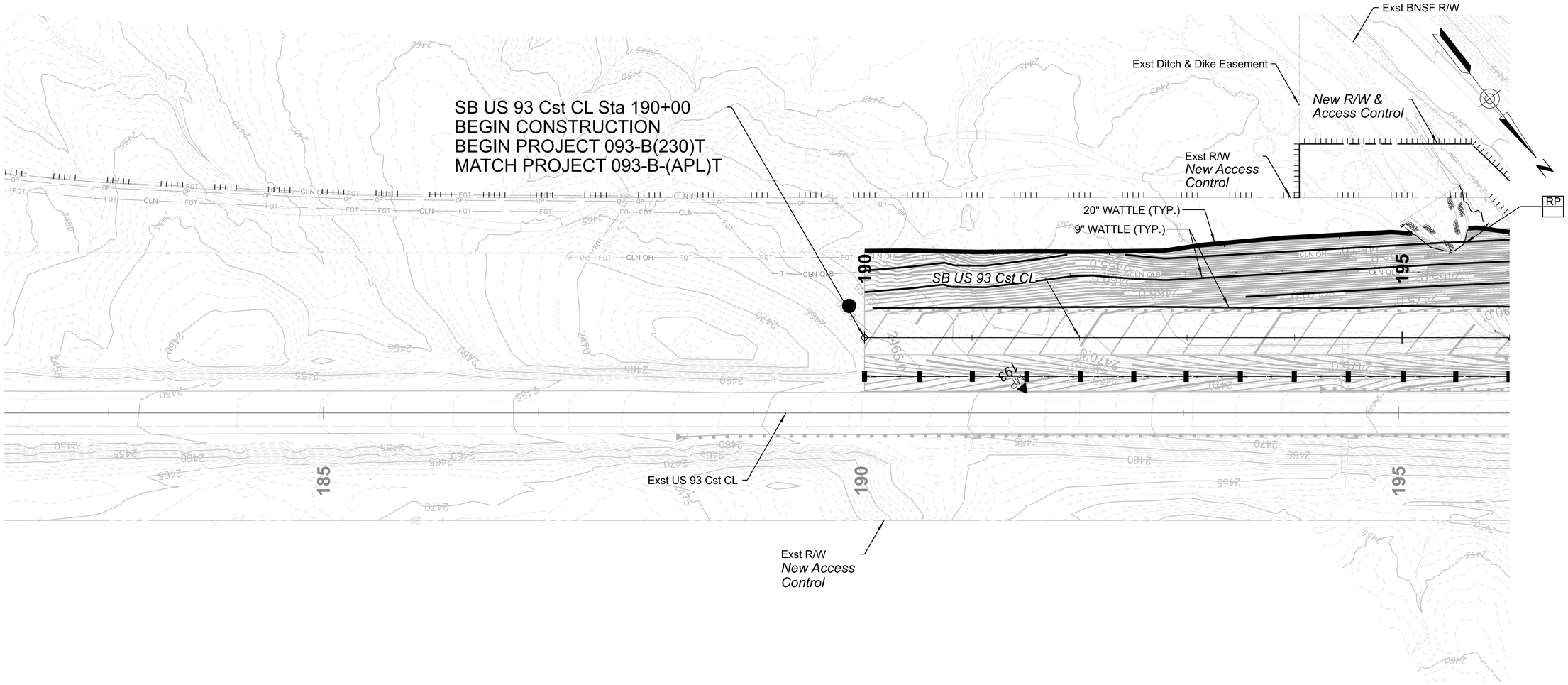
US 93/SR 89
EROSION CONTROL PLAN
STA 2159+00 TO STA 2173+50

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
ARIZONA, U.S.A.
05/5/2026
Date Signed

DWG NO. E-3.05

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____



LEGEND

SYMBOL	DESCRIPTION
▬	9" WATTLE - SEE SHEET E-1.02, DETAIL 1
▬	20" WATTLE - SEE SHEET E-1.02, DETAIL 1
IP	INLET PROTECTION - SEE SHEET E-1.04, DETAIL 3
RP	ROCK PROTECTION - SEE SHEET E-1.05, DETAIL 4
▮	ROCK CHECK DAM - SEE SHEET E-1.06, DETAIL 5
●	STABILIZED CONSTRUCTION ENTRANCE - SEE SHEET E-1.07, DETAIL 7

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
24401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2028

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
333 SOUTH MILL AVENUE, SUITE 333
TEMPE, AZ 85281
P (480) 967-1343

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

EROSION CONTROL SHEET
SB US 93 STA 190+00 TO STA 196+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	505	524	

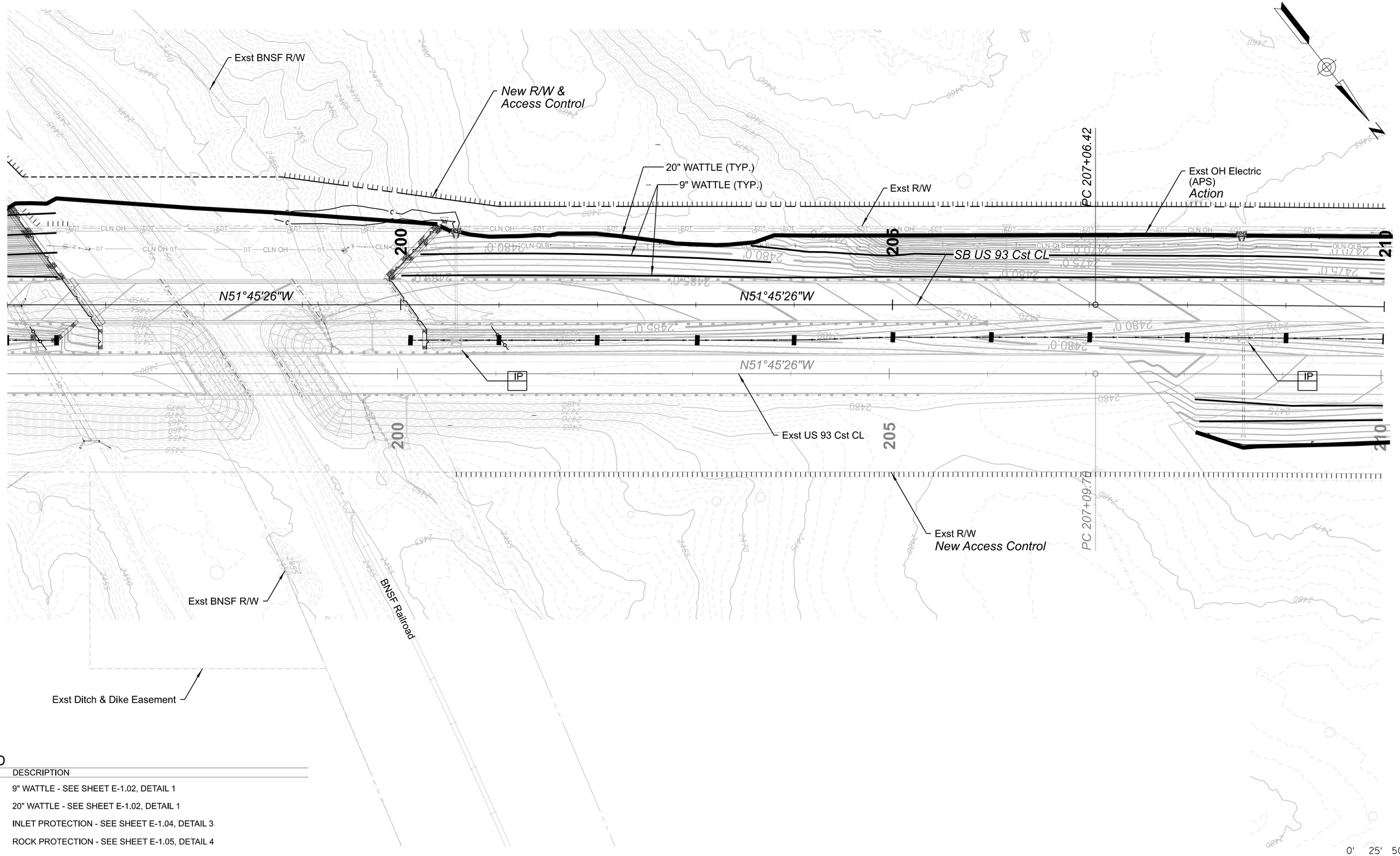
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. E-3.06

TRACS NO. F0738 01C

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LEGEND

SYMBOL	DESCRIPTION
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▬	20" WATTLE - SEE SHEET E-1.02, DETAIL 1
IP	INLET PROTECTION - SEE SHEET E-1.04, DETAIL 3
RP	ROCK PROTECTION - SEE SHEET E-1.05, DETAIL 4
▮	ROCK CHECK DAM - SEE SHEET E-1.06, DETAIL 5
●	STABILIZED CONSTRUCTION ENTRANCE - SEE SHEET E-1.07, DETAIL 7

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2009

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
223 SOUTH 2ND | ALPHA P., SUITE 222
TEMPE, AZ 85281
P (480) 967-1343

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

EROSION CONTROL SHEET
SB US 93 STA 196+00 TO STA 210+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	506	524	

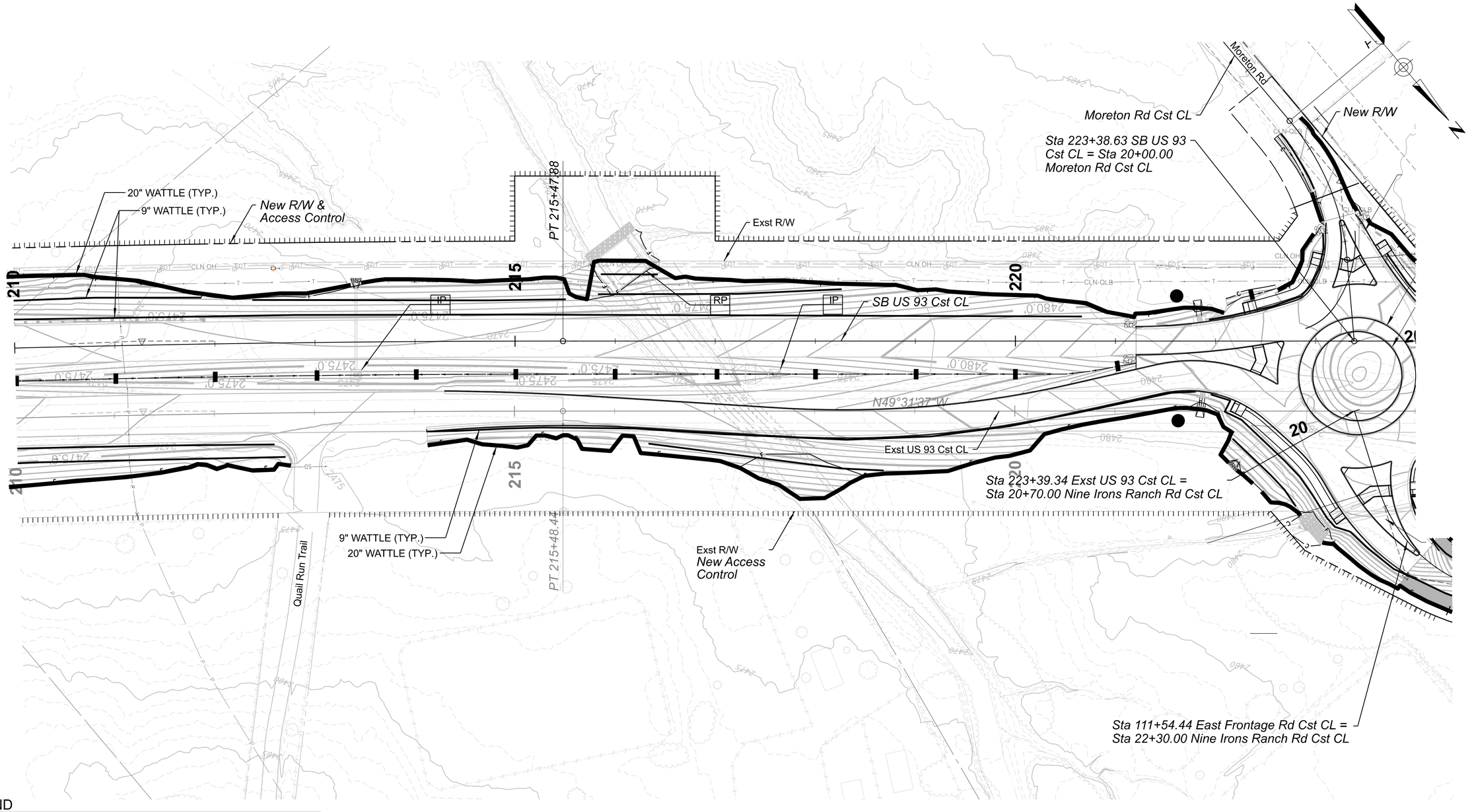
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. E-3.07

TRACS NO. F0738 01C

____ OF ____

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LEGEND

SYMBOL	DESCRIPTION
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▬	20" WATTLE - SEE SHEET E-1.02, DETAIL 1
IP	INLET PROTECTION - SEE SHEET E-1.04, DETAIL 3
RP	ROCK PROTECTION - SEE SHEET E-1.05, DETAIL 4
▮	ROCK CHECK DAM - SEE SHEET E-1.06, DETAIL 5
●	STABILIZED CONSTRUCTION ENTRANCE - SEE SHEET E-1.07, DETAIL 7

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
2401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 05/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

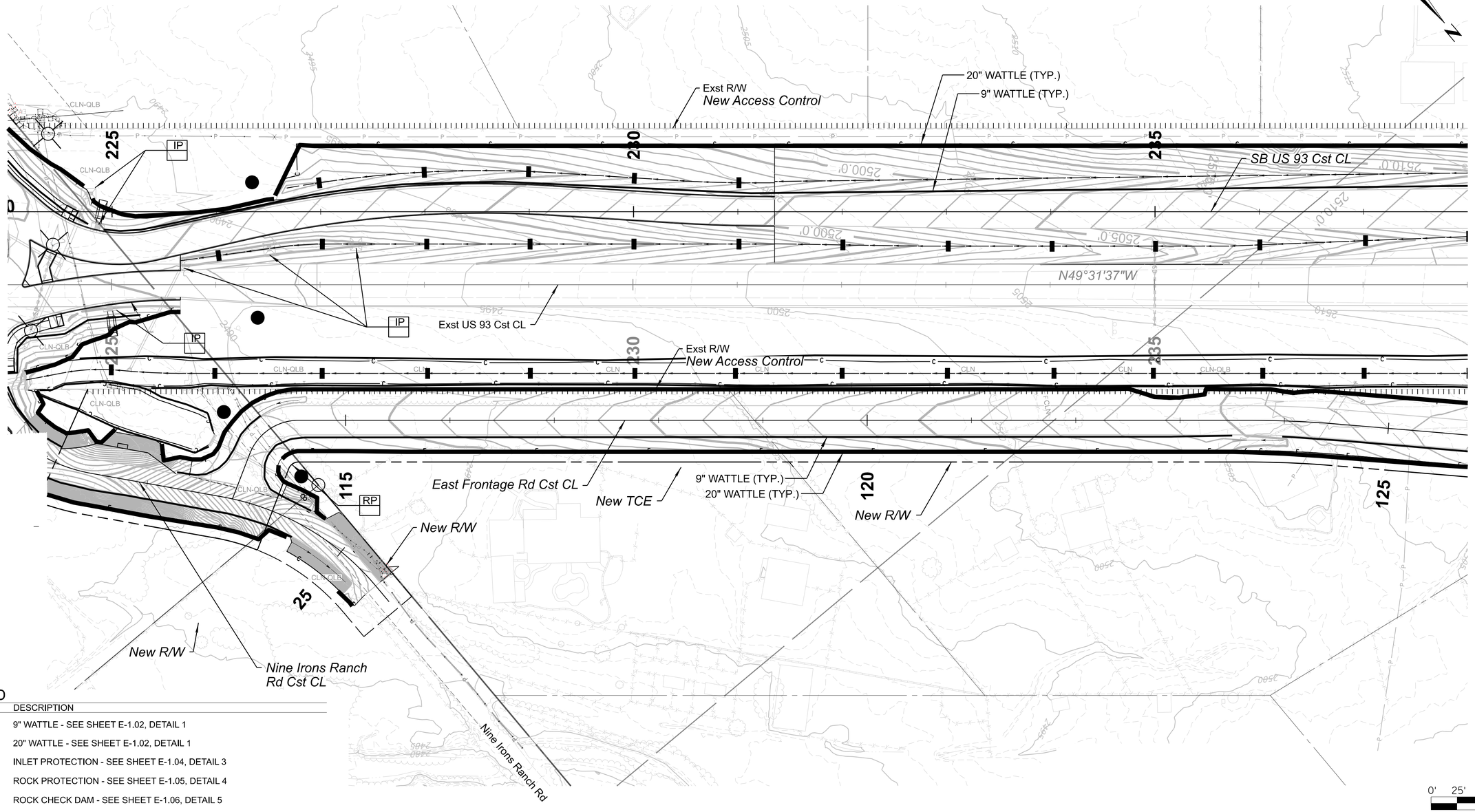
LOGAN SIMPSON
333 SOUTH MILL AVENUE, SUITE 333
TEMPE, AZ 85281
P (480) 967-1343

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

EROSION CONTROL SHEET
SB US 93 STA 210+00 TO STA 224+00
E FRONTAGE RD STA 111+54 TO STA 112+00

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	507	524	
MILEPOST 189.92	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. E-3.08
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

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LEGEND

SYMBOL	DESCRIPTION
▬	9" WATTLE - SEE SHEET E-1.02, DETAIL 1
▬	20" WATTLE - SEE SHEET E-1.02, DETAIL 1
IP	INLET PROTECTION - SEE SHEET E-1.04, DETAIL 3
RP	ROCK PROTECTION - SEE SHEET E-1.05, DETAIL 4
▮	ROCK CHECK DAM - SEE SHEET E-1.06, DETAIL 5
●	STABILIZED CONSTRUCTION ENTRANCE - SEE SHEET E-1.07, DETAIL 7

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
24401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, USA
Expires 06/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
333 SOUTH MILL AVENUE, SUITE 333
TEMPE, AZ 85281
P (480) 967-1343

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

EROSION CONTROL SHEET
SB US 93 STA 224+00 TO STA 238+00
E FRONTAGE RD STA 112+00 TO STA 126+00

ROUTE: US 93
MILEPOST: 189.92
STRUCTURE NO.:

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	508	524	

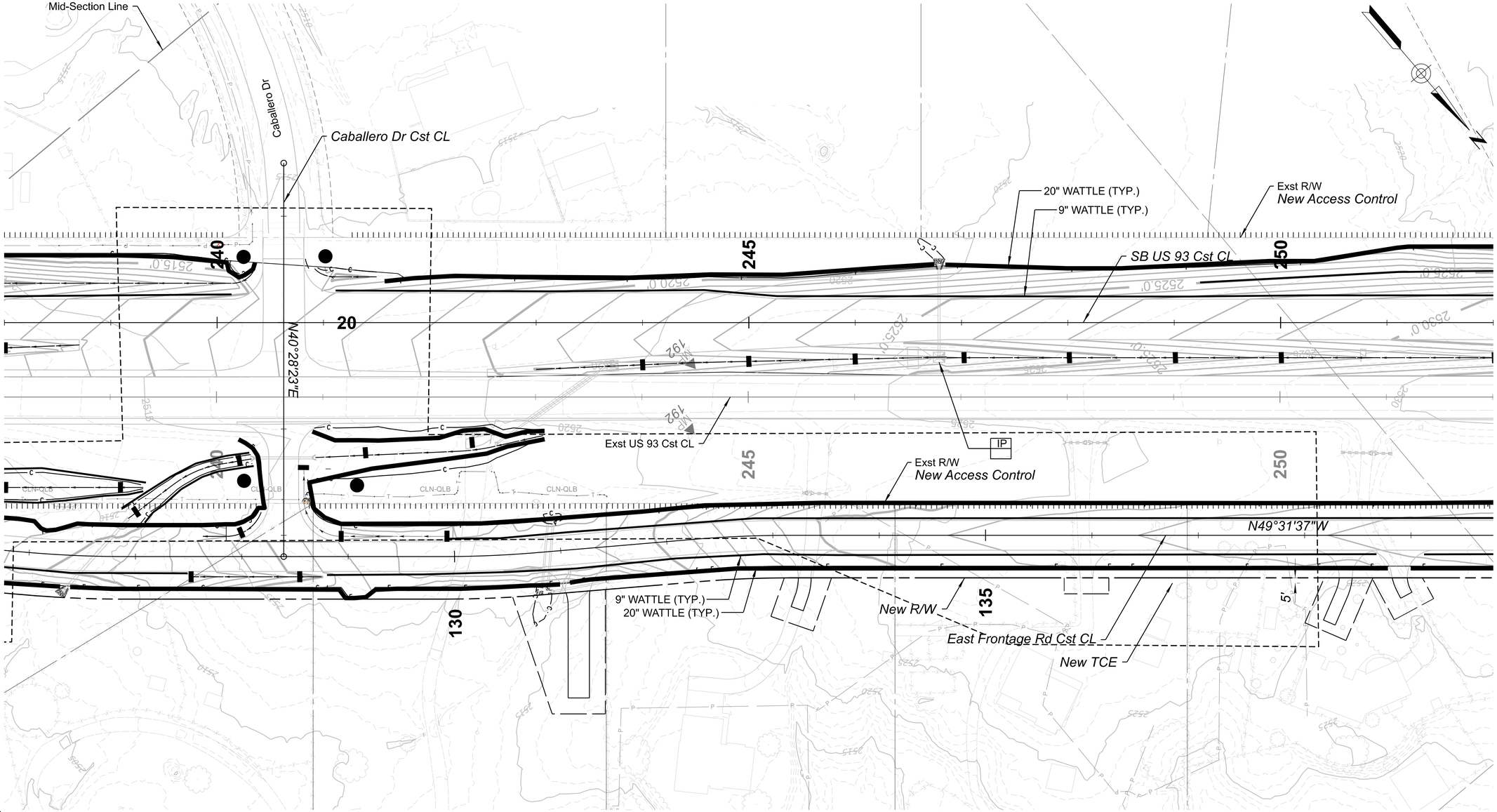
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

TRACS NO. F0738 01C

DWG No. E-3.09

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JASON.HEREDIA 6/5/2026 8:47:54 PM S:\pwworking\usaz\dms09643\f0738_e2.04.dgn \ Model Name: P2.04
6/11/2026 @11:30:05 AM WHerrera



LEGEND

SYMBOL	DESCRIPTION
▬	9" WATTLE - SEE SHEET E-1.02, DETAIL 1
▬	20" WATTLE - SEE SHEET E-1.02, DETAIL 1
IP	INLET PROTECTION - SEE SHEET E-1.04, DETAIL 3
RP	ROCK PROTECTION - SEE SHEET E-1.05, DETAIL 4
▮	ROCK CHECK DAM - SEE SHEET E-1.06, DETAIL 5
●	STABILIZED CONSTRUCTION ENTRANCE - SEE SHEET E-1.07, DETAIL 7

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
24401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

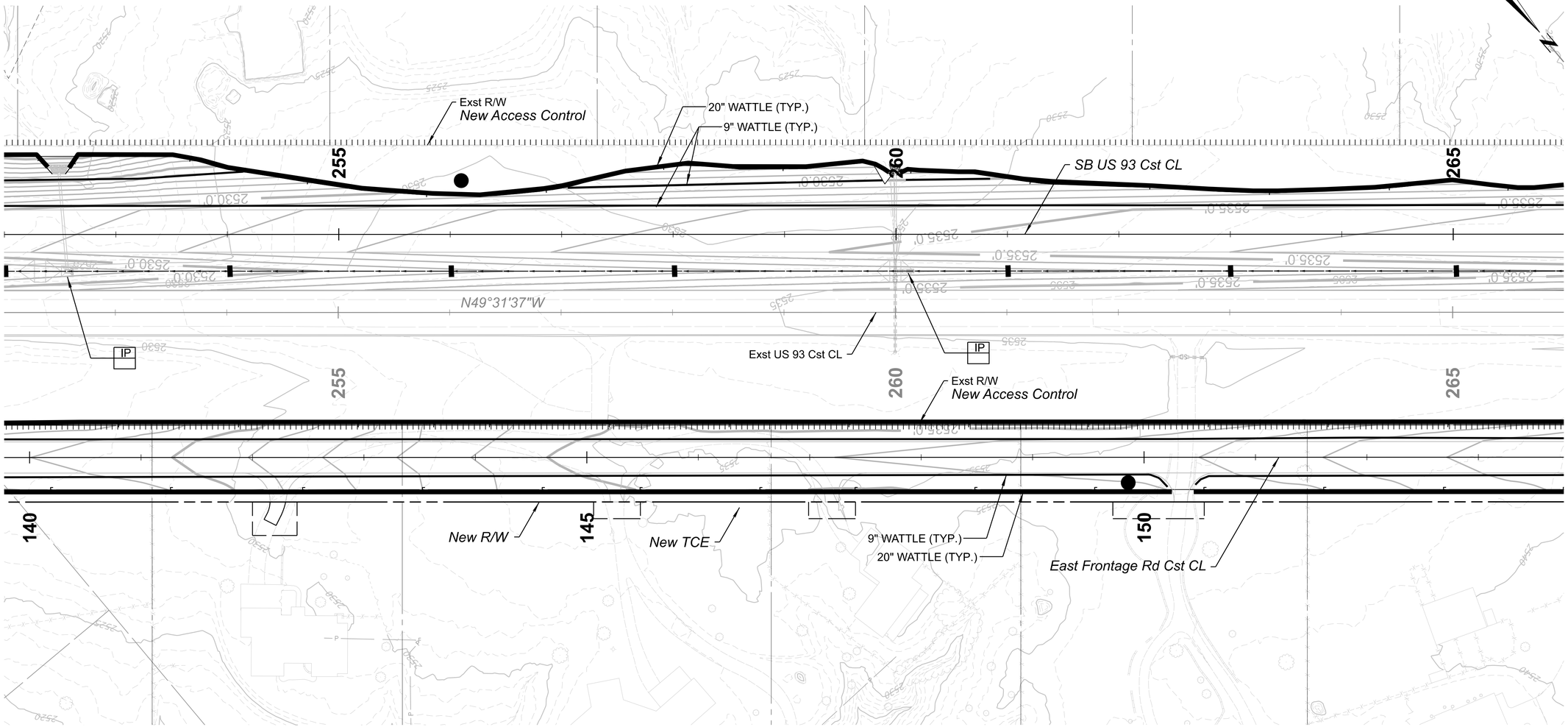
LOGAN SIMPSON
333 SOUTH MILL AVENUE, SUITE 333
TEMPE, AZ 85281
P (480) 967-1343

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

EROSION CONTROL SHEET
SB US 93 STA 238+00 TO STA 252+00
E FRONTAGE RD STA 126+00 TO STA 140+00

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	509	524	
MILEPOST 189.92	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. E-3.10
	TRACS NO. F0738 01C					____ OF____

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6/11/2026 WHERRERA 12/2026 2:24:06 PM @11:30:20 AM WHerrera J:\pwworking\usaz\dms09643\f0738_e2.05.dgn \ Model Name: P2.05



LEGEND

SYMBOL	DESCRIPTION
▬	9" WATTLE - SEE SHEET E-1.02, DETAIL 1
▬	20" WATTLE - SEE SHEET E-1.02, DETAIL 1
IP	INLET PROTECTION - SEE SHEET E-1.04, DETAIL 3
RP	ROCK PROTECTION - SEE SHEET E-1.05, DETAIL 4
▮	ROCK CHECK DAM - SEE SHEET E-1.06, DETAIL 5
●	STABILIZED CONSTRUCTION ENTRANCE - SEE SHEET E-1.07, DETAIL 7

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
222 SOUTH MILL AVENUE , SUITE 222
TEMPE, AZ 85281
P (602) 957-1942

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

EROSION CONTROL SHEET
SB US 93 STA 252+00 TO STA 266+00
E FRONTAGE RD STA 140+00 TO STA 154+00

ROUTE: US 93
MILEPOST: 189.92
STRUCTURE NO.:

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	510	524	

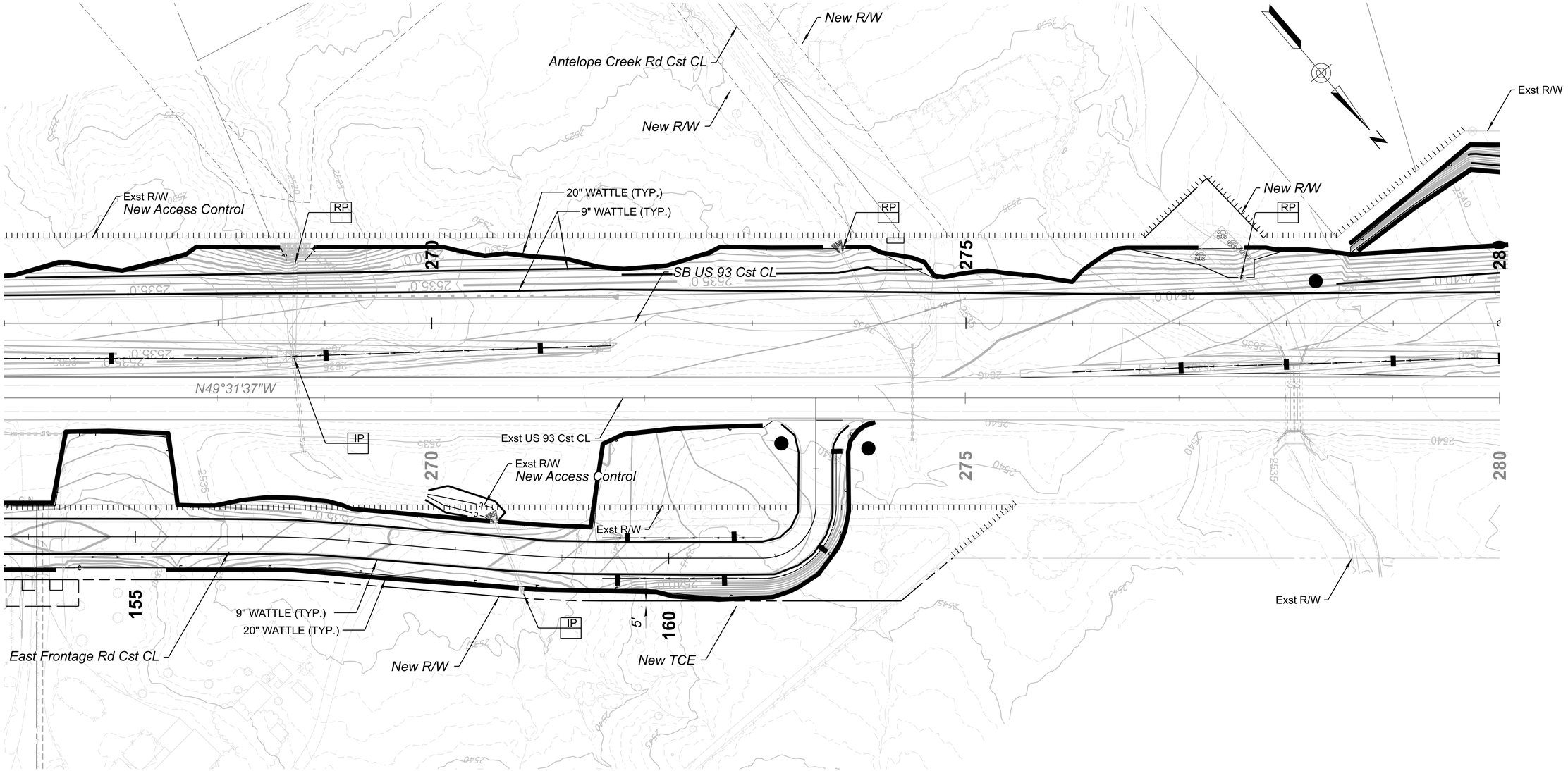
LOCATION: WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. E-3.11

TRACS NO. F0738 01C

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LEGEND

SYMBOL	DESCRIPTION
▬	9" WATTLE - SEE SHEET E-1.02, DETAIL 1
▬	20" WATTLE - SEE SHEET E-1.02, DETAIL 1
IP	INLET PROTECTION - SEE SHEET E-1.04, DETAIL 3
RP	ROCK PROTECTION - SEE SHEET E-1.05, DETAIL 4
▮	ROCK CHECK DAM - SEE SHEET E-1.06, DETAIL 5
●	STABILIZED CONSTRUCTION ENTRANCE - SEE SHEET E-1.07, DETAIL 7

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT CERTIFICATE NO. 21401 M. WAYNE COLEBANK Date Signed 06/11/2026 ARIZONA, U.S.A. Expires 06/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

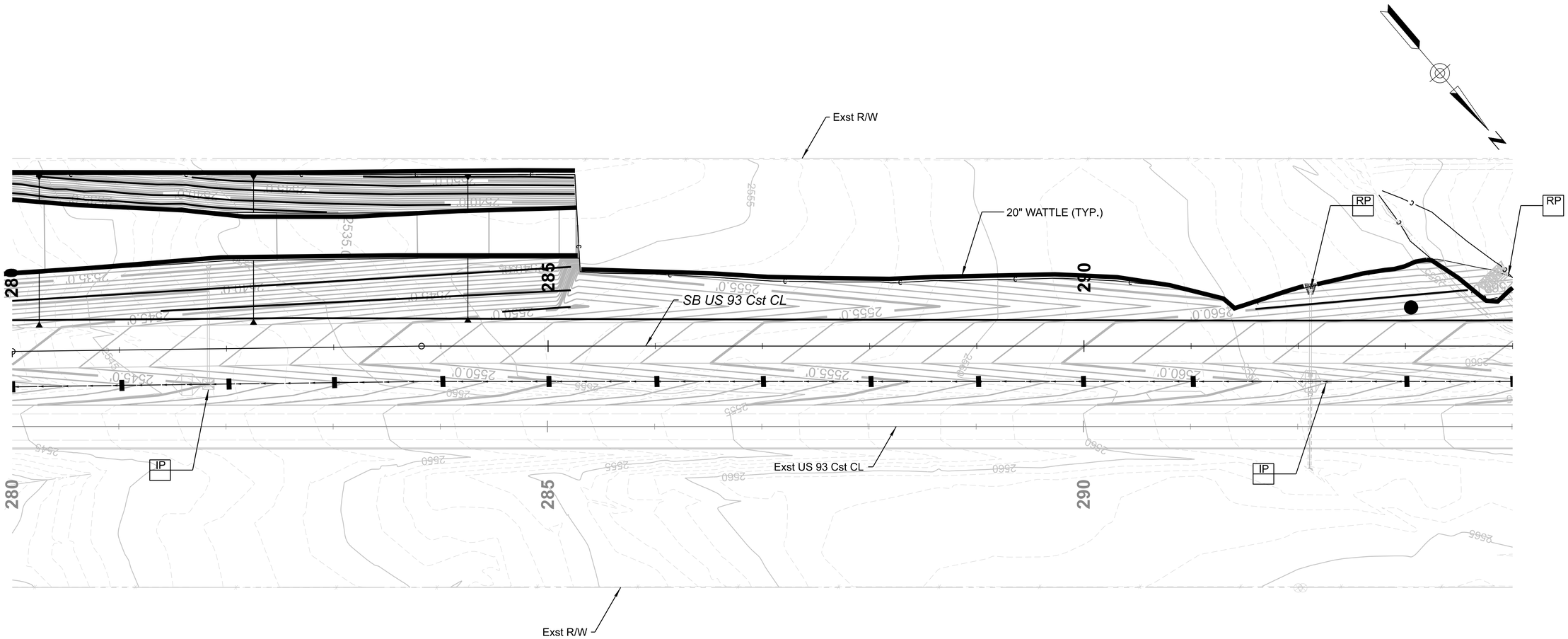
LOGAN SIMPSON
333 SOUTH MILL AVENUE, SUITE 333
TEMPE, AZ 85281
P (602) 957-1342

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

EROSION CONTROL SHEET
SB US 93 STA 266+00 TO STA 280+00
E FRONTAGE RD STA 154+00 TO STA 161+66

ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93		ARIZ.	093 YV 189	093-B(230)T	511	524	
MILEPOST 189.92	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE						DWG No. E-3.12
STRUCTURE NO.	TRACS NO. F0738 01C						____ OF ____

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LEGEND

SYMBOL	DESCRIPTION
LEGEND	9" WATTLE - SEE SHEET E-1.02, DETAIL 1
	20" WATTLE - SEE SHEET E-1.02, DETAIL 1
IP	INLET PROTECTION - SEE SHEET E-1.04, DETAIL 3
RP	ROCK PROTECTION - SEE SHEET E-1.05, DETAIL 4
	ROCK CHECK DAM - SEE SHEET E-1.06, DETAIL 5
	STABILIZED CONSTRUCTION ENTRANCE - SEE SHEET E-1.07, DETAIL 7

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2028

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
233 SOUTH MILL AVENUE, SUITE 210
TEMPE, AZ 85281
P (480) 967-1343

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

EROSION CONTROL SHEET
SB US 93 STA 280+00 TO STA 294+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	512	524	

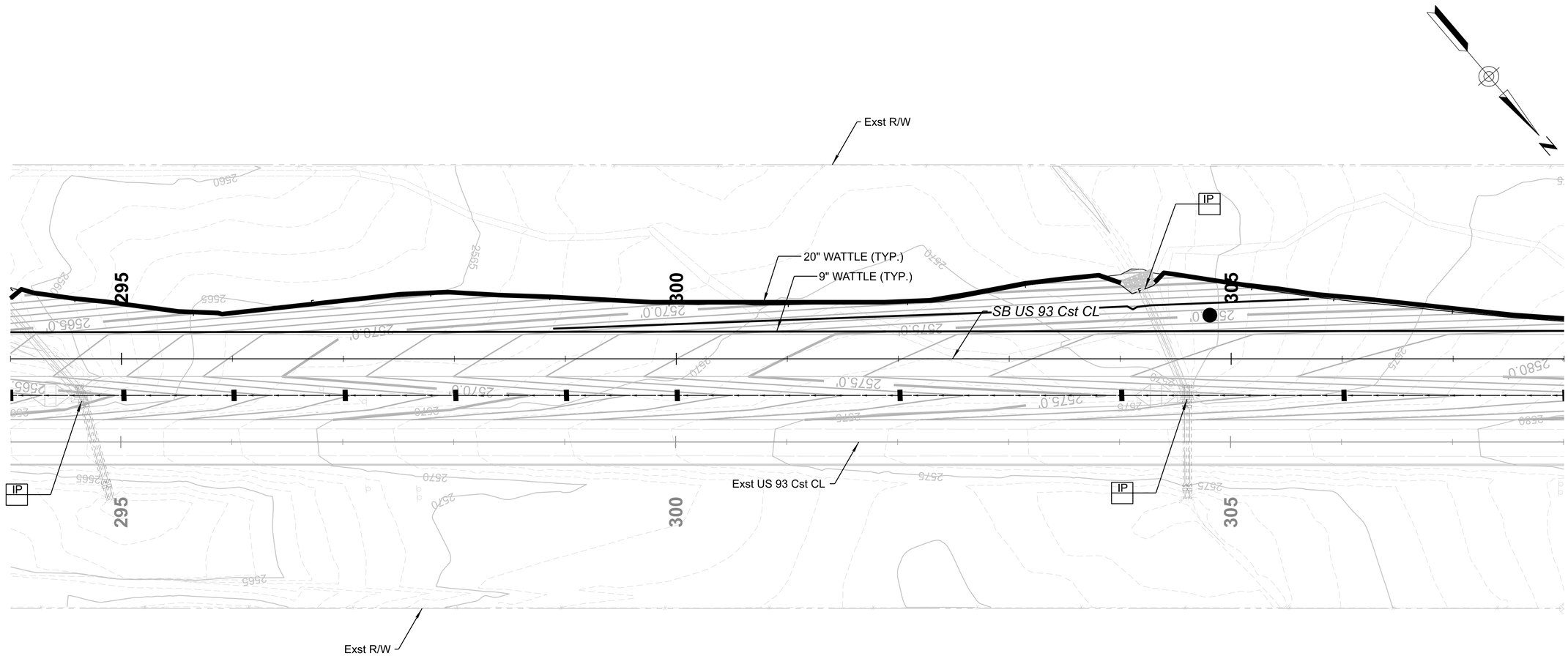
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. E-3.13

TRACS NO. F0738 01C

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LEGEND

SYMBOL	DESCRIPTION
▬	9" WATTLE - SEE SHEET E-1.02, DETAIL 1
▬	20" WATTLE - SEE SHEET E-1.02, DETAIL 1
IP	INLET PROTECTION - SEE SHEET E-1.04, DETAIL 3
RP	ROCK PROTECTION - SEE SHEET E-1.05, DETAIL 4
▮	ROCK CHECK DAM - SEE SHEET E-1.06, DETAIL 5
●	STABILIZED CONSTRUCTION ENTRANCE - SEE SHEET E-1.07, DETAIL 7

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

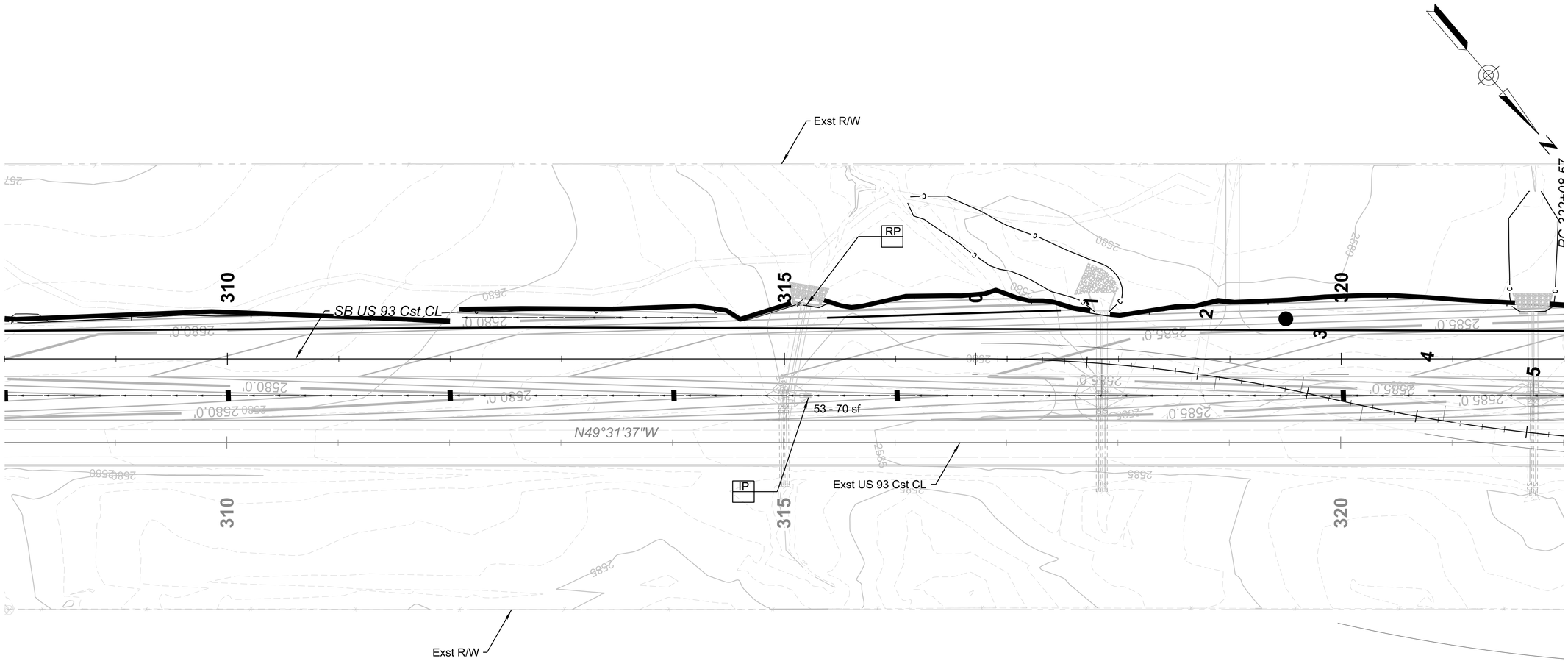
LOGAN SIMPSON
333 SOUTHRAIL AVENUE, SUITE 222
CHANDLER, AZ 85225
T (480) 367-1661
F (480) 367-1543

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

EROSION CONTROL SHEET
SB US 93 STA 294+00 TO STA 308+00

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
US 93	ARIZ.	093 YV 189	093-B(230)T	513	524	
MILEPOST 189.92	F.H.W.A. Arizona Division					
STRUCTURE NO.	LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE					DWG No. E-3.14
	TRACS NO. F0738 01C					____ OF ____

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LEGEND

SYMBOL	DESCRIPTION
▬	9" WATTLE - SEE SHEET E-1.02, DETAIL 1
▬	20" WATTLE - SEE SHEET E-1.02, DETAIL 1
IP	INLET PROTECTION - SEE SHEET E-1.04, DETAIL 3
RP	ROCK PROTECTION - SEE SHEET E-1.05, DETAIL 4
▮	ROCK CHECK DAM - SEE SHEET E-1.06, DETAIL 5
●	STABILIZED CONSTRUCTION ENTRANCE - SEE SHEET E-1.07, DETAIL 7

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 05/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
233 SOUTH MILL AVENUE, SUITE 210
TEMPE, AZ 85281
P (480) 967-1343

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

EROSION CONTROL SHEET
SB US 93 STA 308+00 TO STA 322+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	514	524	

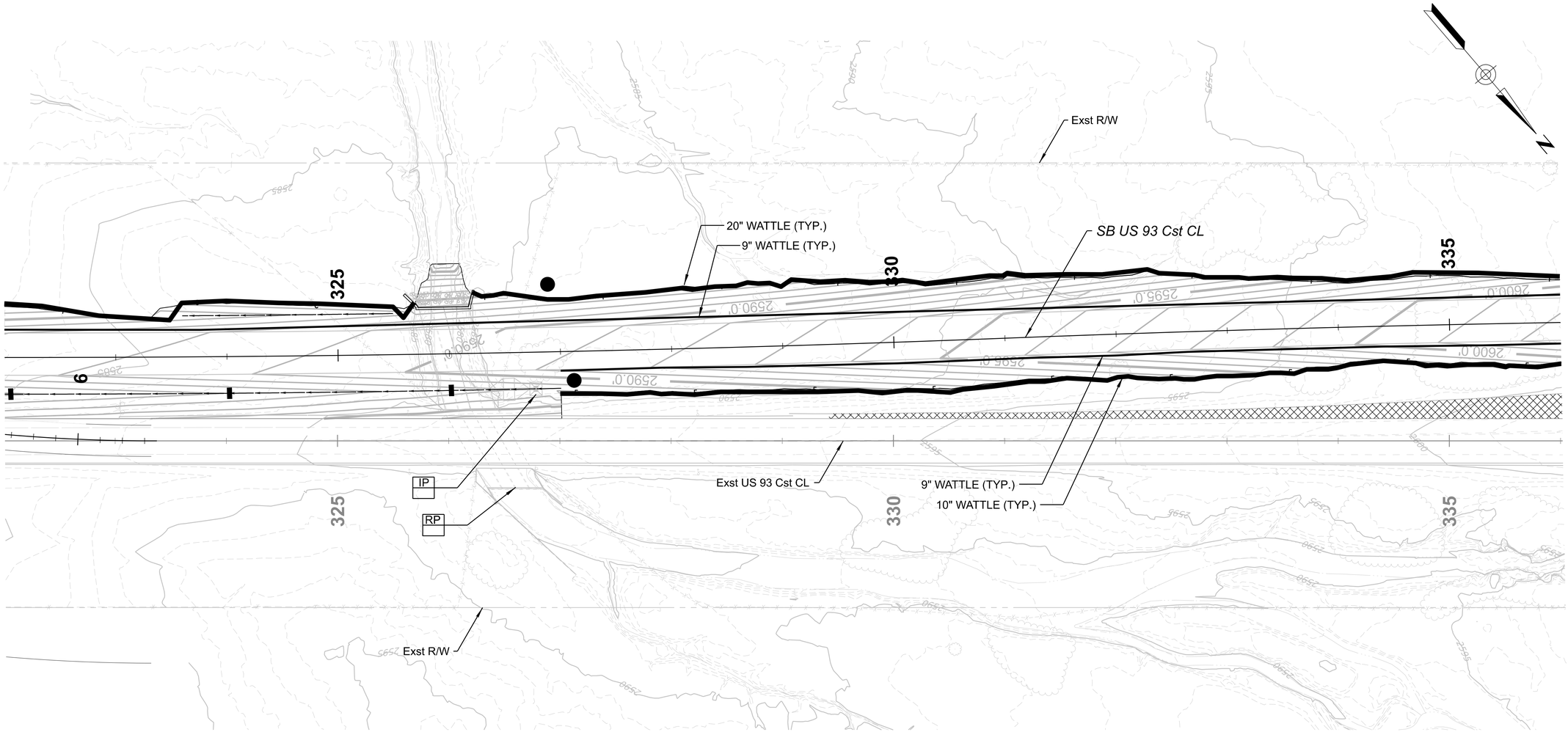
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. E-3.15

TRACS NO. F0738 01C

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LEGEND

SYMBOL	DESCRIPTION
▬	9" WATTLE - SEE SHEET E-1.02, DETAIL 1
▬	20" WATTLE - SEE SHEET E-1.02, DETAIL 1
IP	INLET PROTECTION - SEE SHEET E-1.04, DETAIL 3
RP	ROCK PROTECTION - SEE SHEET E-1.05, DETAIL 4
▮	ROCK CHECK DAM - SEE SHEET E-1.06, DETAIL 5
●	STABILIZED CONSTRUCTION ENTRANCE - SEE SHEET E-1.07, DETAIL 7

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 06/30/2009

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGANSIMPSON
233 SOUTH MILL AVENUE, SUITE 210
TEMPE, AZ 85281
P (480) 897-0343

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

EROSION CONTROL SHEET
SB US 93 STA 322+00 TO STA 336+00

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	515	524	

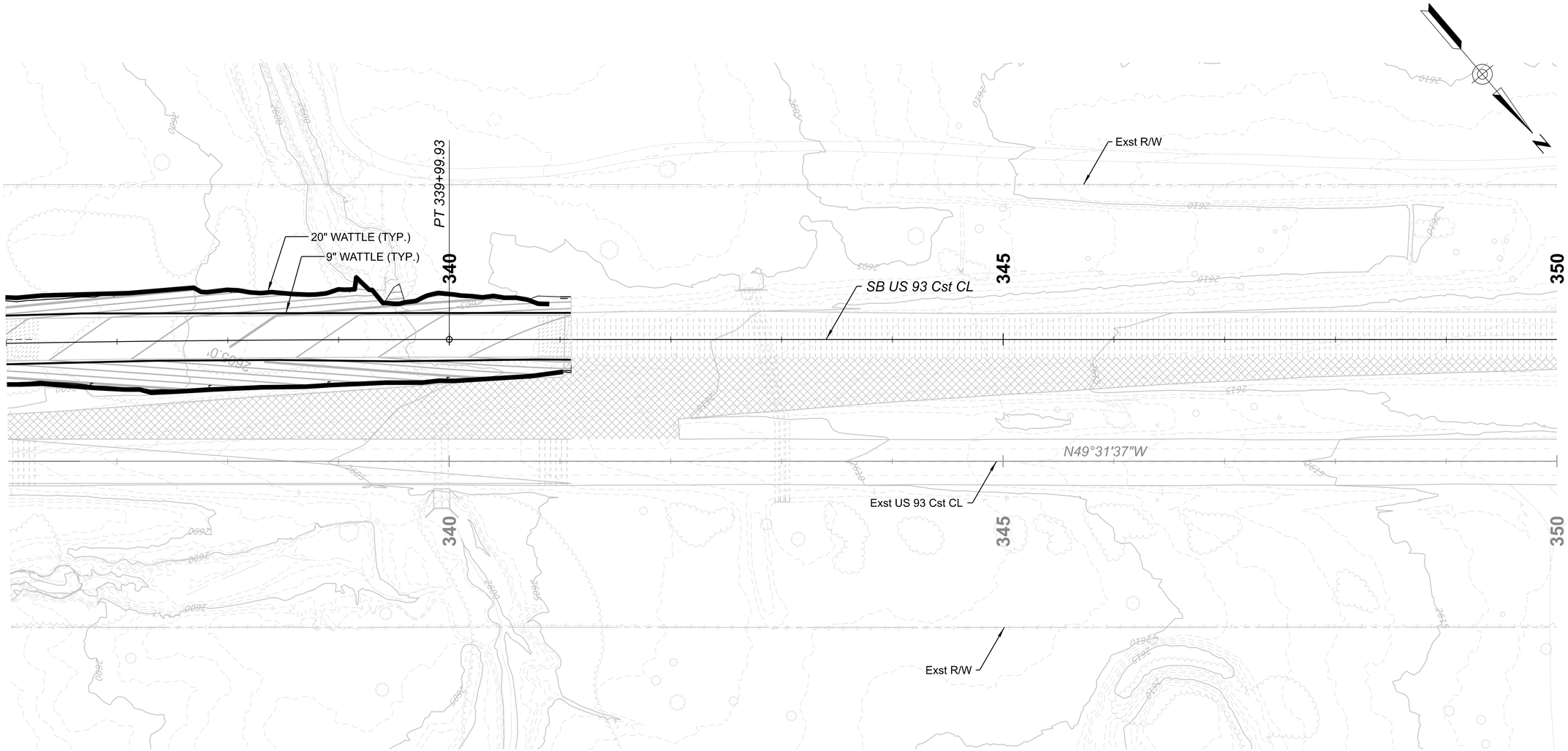
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. E-3.16

TRACS NO. F0738 01C

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LEGEND

SYMBOL	DESCRIPTION
▬	9" WATTLE - SEE SHEET E-1.02, DETAIL 1
▬	20" WATTLE - SEE SHEET E-1.02, DETAIL 1
IP	INLET PROTECTION - SEE SHEET E-1.04, DETAIL 3
RP	ROCK PROTECTION - SEE SHEET E-1.05, DETAIL 4
▌	ROCK CHECK DAM - SEE SHEET E-1.06, DETAIL 5
●	STABILIZED CONSTRUCTION ENTRANCE - SEE SHEET E-1.07, DETAIL 7

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
2401
M. WAYNE COLEBANK
Date Signed 06/1/2026
ARIZONA, U.S.A.
Expires 06/30/2026

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
333 SOUTH MILL AVENUE, SUITE 310
TEMPE, AZ 85281
P (480) 967-1343

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

EROSION CONTROL SHEET
SB US 93 STA 336+00 TO STA 350+00

ROUTE	US 93
MILEPOST	189.92
STRUCTURE NO.	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	093 YV 189	093-B(230)T	516	524	

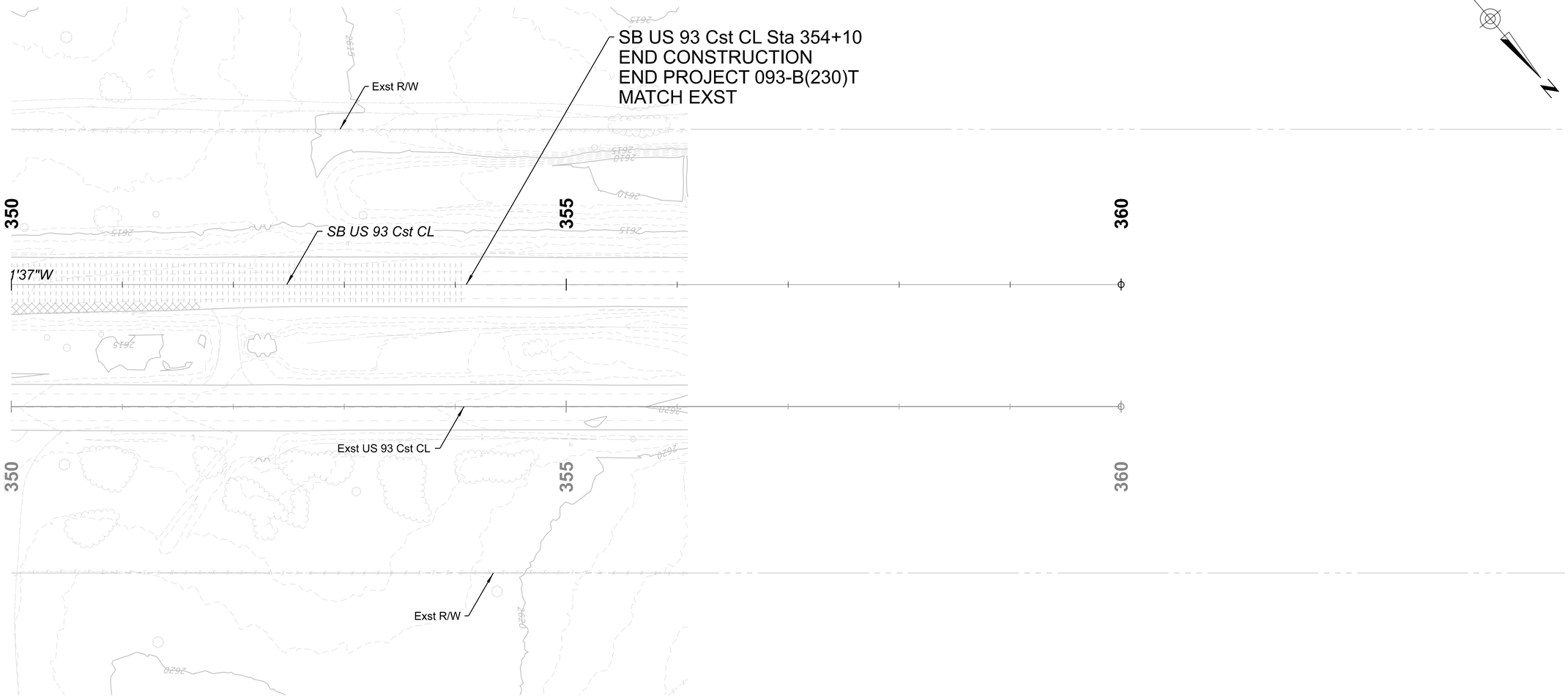
LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. E-3.17

TRACS NO. F0738 01C

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LEGEND

SYMBOL	DESCRIPTION
▬	9" WATTLE - SEE SHEET E-1.02, DETAIL 1
▬	20" WATTLE - SEE SHEET E-1.02, DETAIL 1
IP	INLET PROTECTION - SEE SHEET E-1.04, DETAIL 3
RP	ROCK PROTECTION - SEE SHEET E-1.05, DETAIL 4
▮	ROCK CHECK DAM - SEE SHEET E-1.06, DETAIL 5
●	STABILIZED CONSTRUCTION ENTRANCE - SEE SHEET E-1.07, DETAIL 7

0' 25' 50' 100'
SCALE 1"=50

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
21401
M. WAYNE COLEBANK
Date Signed 06/11/2026
ARIZONA, U.S.A.
Expires 05/30/2029

	NAME	DATE
DESIGN	W HERRERA	06/26
DRAWN	STAFF	06/26
CHECKED	W COLEBANK	06/26

LOGAN SIMPSON
333 SOUTH 48th, AVENUE, SUITE 333
TEMPE, AZ 85281
P (480) 967-1343

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

EROSION CONTROL SHEET
SB US 93 STA 350+00 TO STA 354+10

ROUTE US 93
MILEPOST 189.92
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	093 YV 189	093-B(230)T	517	524	

LOCATION WICKENBURG RANCH WAY TO VISTA ROYALE

DWG No. E-3.18

TRACS NO. F0738 01C

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c:\pwworking\usaz\dms09643\f0738_e2.13.dgn
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	518	524	
		093 YV 189			



SYMBOL	DESCRIPTION	QUANTITY
	SEEDING	1.5 Ac
	GRANITE MULCH (See Note 1)	176 Sq Yd

NOTE:

1. Granite Mulch in roundabout and median shall be placed to a thickness of 3-inches and will be measured and paid for under Item 8030092-Granite Mulch (1 1/4" Minus).

Erosion Control Method

SW20 = Sediment Wattles - 20"
SW9 = Sediment Wattles - 9"
CD = Check Dam
RP = Rock Protection
IP = Inlet Protection
SL = Sediment Log
CE = Construction Entrance

Detail Number Reference

Quantity

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

US 93/SR 89
EROSION CONTROL PLAN
STA 114+00 TO STA 128+00

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

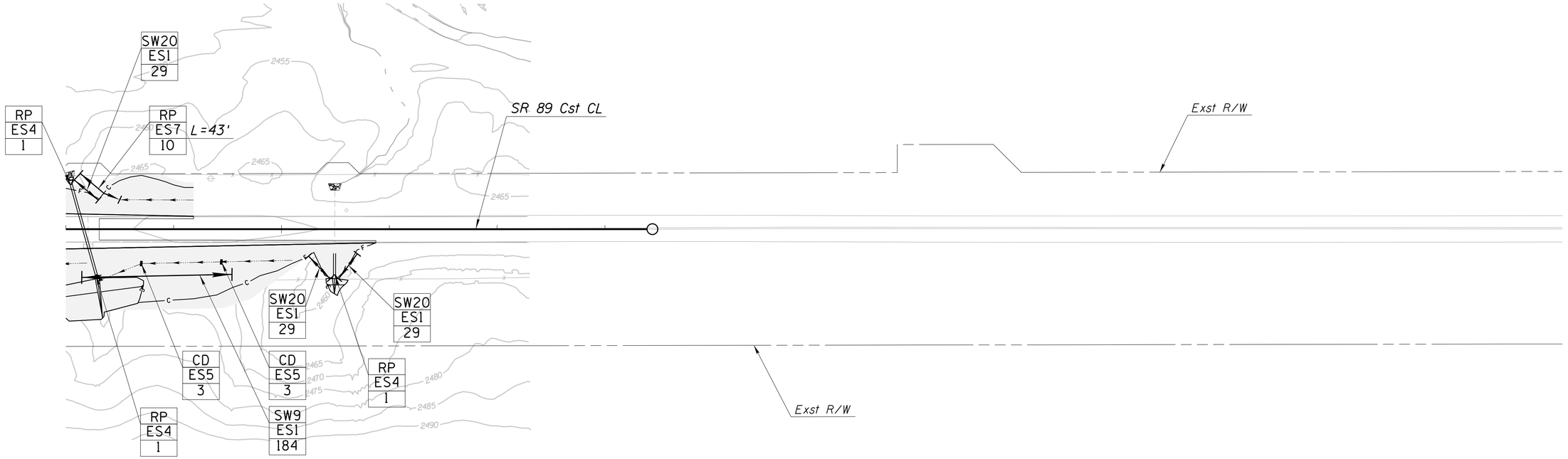
TRACS NO. F0738 01C | 093-B(230)T

Registered Professional Engineer, State of Arizona
46727
DIANA B. KELLY
Date Signed 5/5/26
ARIZONA, U.S.A.

DWG NO. E-3.19

____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	519	524	
		093 YV 189			



130

SYMBOL	DESCRIPTION	QUANTITY
	SEEDING	0.4 Ac
	GRANITE MULCH (See Note 1)	0 Sq Yd

NOTE:

1. Granite Mulch in roundabout and median shall be placed to a thickness of 3-inches and will be measured and paid for under Item 8030092-Granite Mulch (1 1/4" Minus).

Erosion Control Method

SW20 = Sediment Wattles - 20"
SW9 = Sediment Wattles - 9"
CD = Check Dam
RP = Rock Protection
IP = Inlet Protection
SL = Sediment Log
CE = Construction Entrance

Detail Number Reference

Quantity

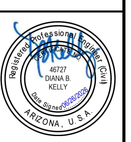
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DRAWN	JML	06-26
CHECKED	JPM	06-26

Stanley Consultants INC.
3133 East Camelback Road, Suite 100
Phoenix, Arizona 85016
Phone: (602) 333-2200

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

US 93/SR 89
EROSION CONTROL PLAN
STA 128+00 TO STA 133+44.07

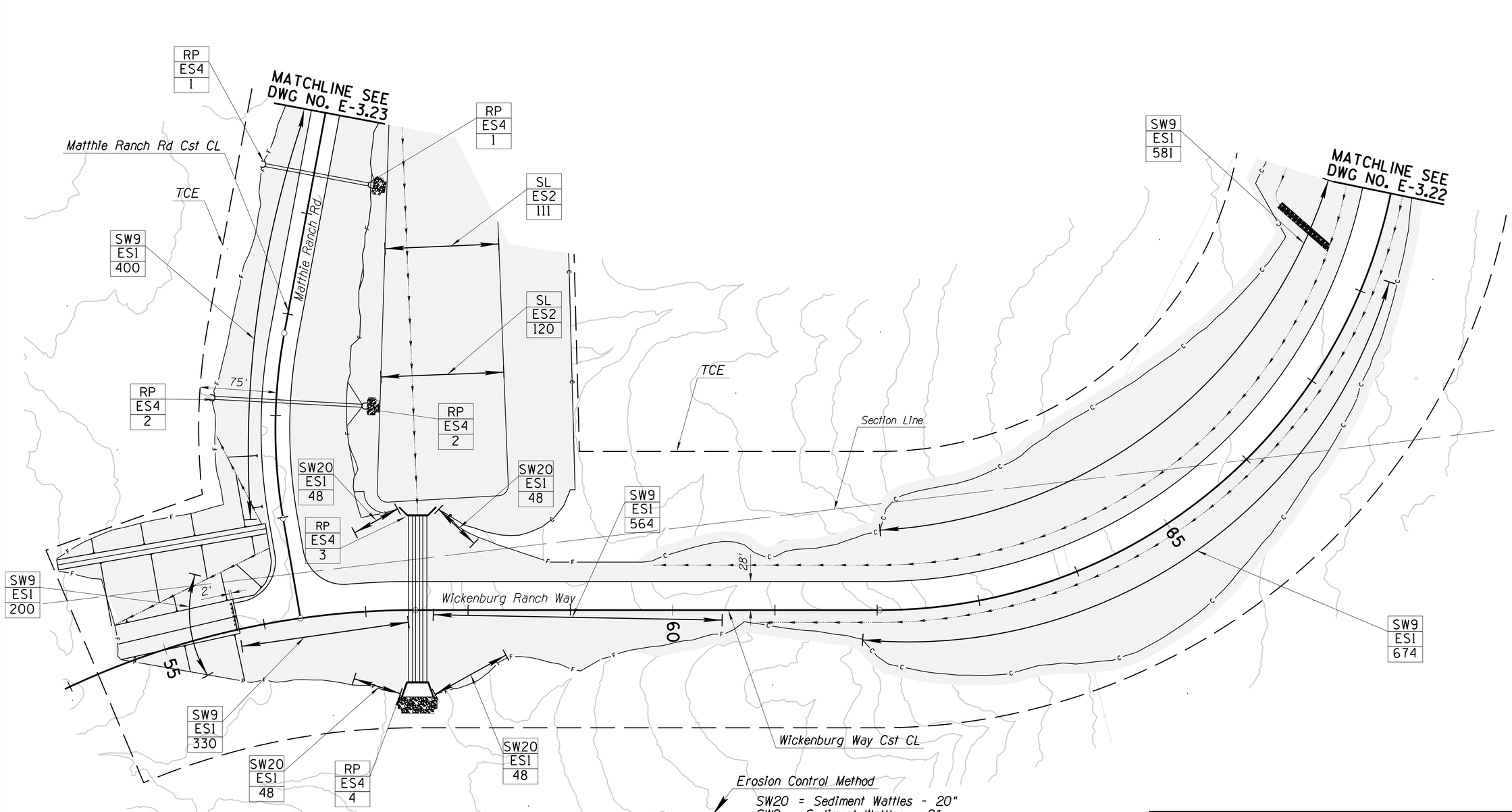
ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE



DWG NO. E-3.20

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	520	524	
		093 YV 189			



SYMBOL	DESCRIPTION	QUANTITY
	SEEDING	7.0 Ac
	GRANITE MULCH (See Note 1)	0 Sq Yd

NOTE:

1. Granite Mulch in roundabout and median shall be placed to a thickness of 3-inches and will be measured and paid for under Item 8030092-Granite Mulch (1 1/4" Minus).

Erosion Control Method

SW20 = Sediment Wattles - 20"
SW9 = Sediment Wattles - 9"
CD = Check Dam
RP = Rock Protection
IP = Inlet Protection
SL = Sediment Log
CE = Construction Entrance

Detail Number Reference

Quantity

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

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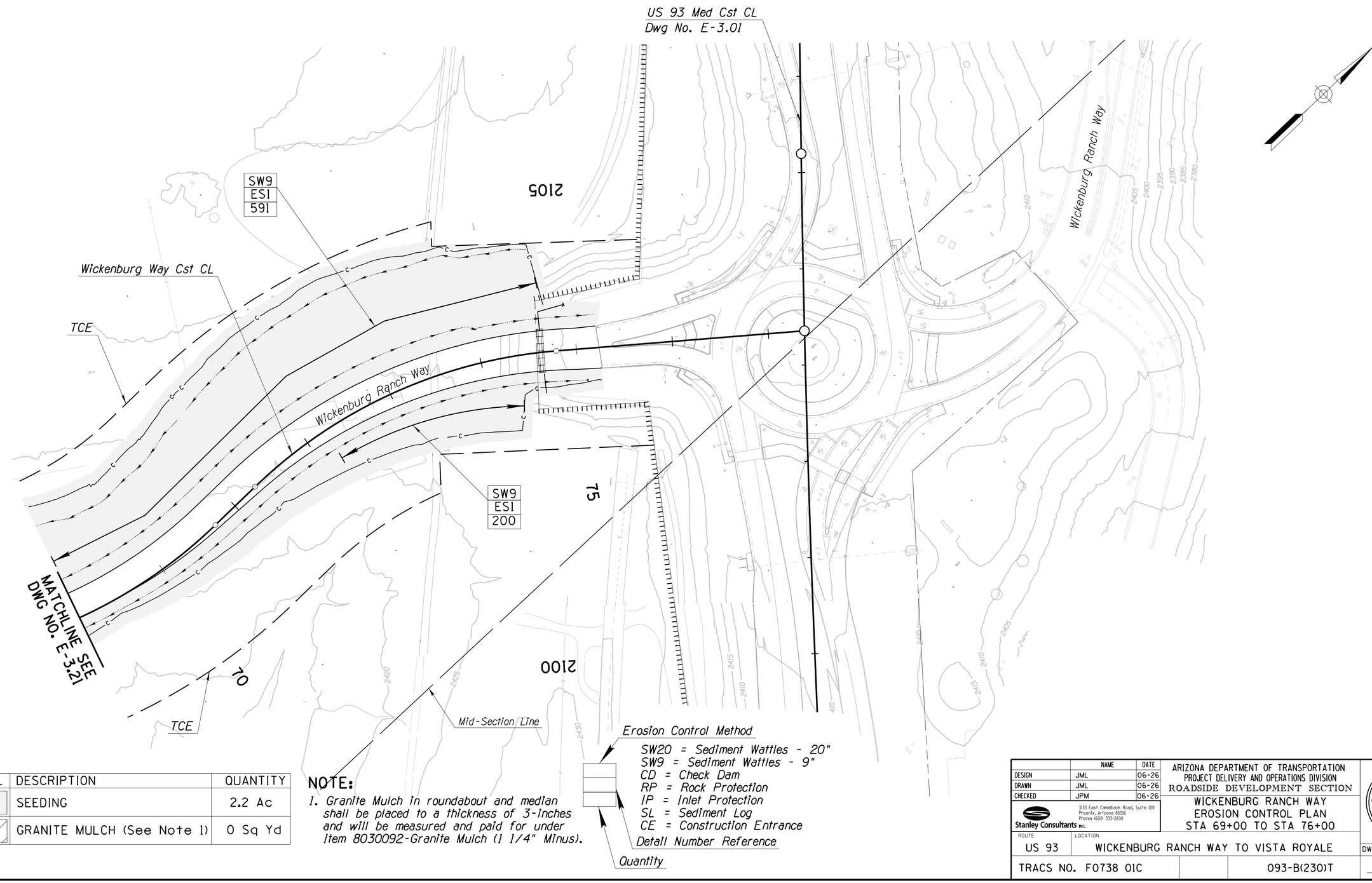
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADSIDE DEVELOPMENT SECTION

WICKENBURG RANCH WAY
EROSION CONTROL PLAN
STA 55+00 TO STA 69+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 05/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. E-3.21
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	521	524	
		093 YV 189			



SYMBOL	DESCRIPTION	QUANTITY
	SEEDING	2.2 Ac
	GRANITE MULCH (See Note 1)	0 Sq Yd

NOTE:

1. Granite Mulch in roundabout and median shall be placed to a thickness of 3-inches and will be measured and paid for under Item 8030092-Granite Mulch (1 1/4" Minus).

Erosion Control Method

SW20 = Sediment Wattles - 20"
SW9 = Sediment Wattles - 9"
CD = Check Dam
RP = Rock Protection
IP = Inlet Protection
SL = Sediment Log
CE = Construction Entrance

Detail Number Reference

Quantity

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

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Phone: (602) 333-2200

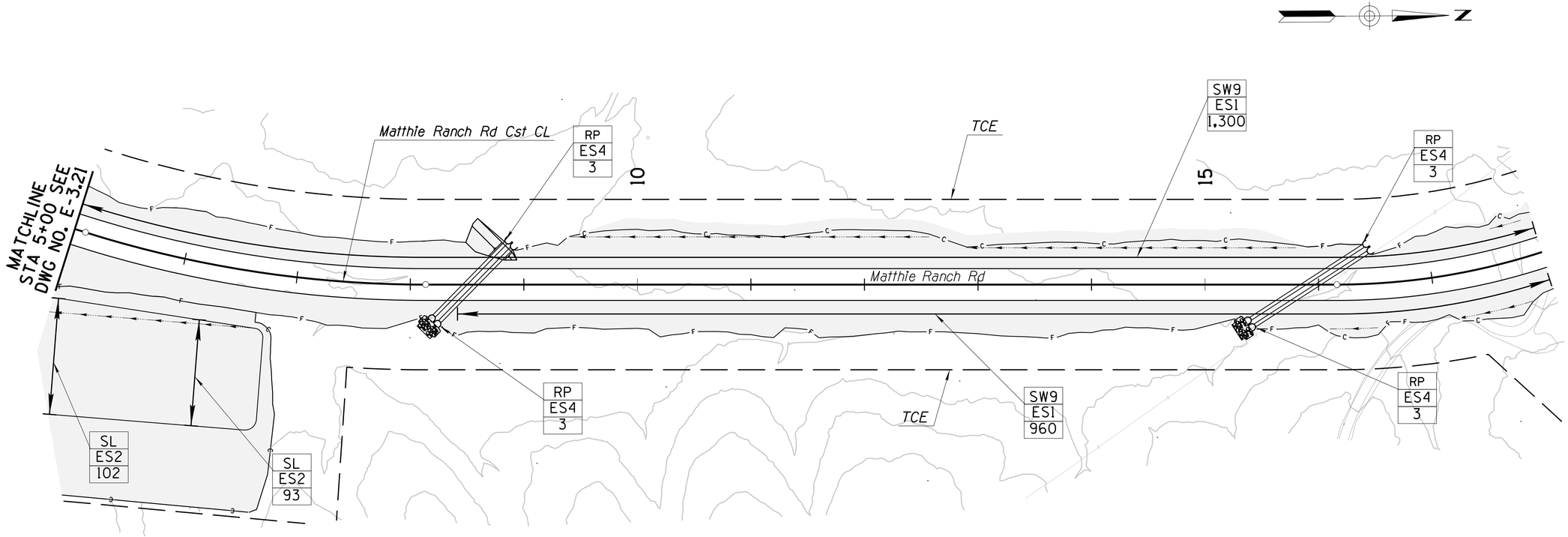
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADSIDE DEVELOPMENT SECTION

WICKENBURG RANCH WAY
EROSION CONTROL PLAN
STA 69+00 TO STA 76+00

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 06/30/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. E-3.22
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	522	524	
		093 YV 189			



SYMBOL	DESCRIPTION	QUANTITY
	SEEDING	2.6 Ac
	GRANITE MULCH (See Note 1)	0 Sq Yd

NOTE:

1. Granite Mulch in roundabout and median shall be placed to a thickness of 3-inches and will be measured and paid for under Item 8030092-Granite Mulch (1 1/4" Minus).

Erosion Control Method

SW20 = Sediment Wattles - 20"
SW9 = Sediment Wattles - 9"
CD = Check Dam
RP = Rock Protection
IP = Inlet Protection
SL = Sediment Log
CE = Construction Entrance

Detail Number Reference

Quantity

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

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Phone: (602) 333-2200

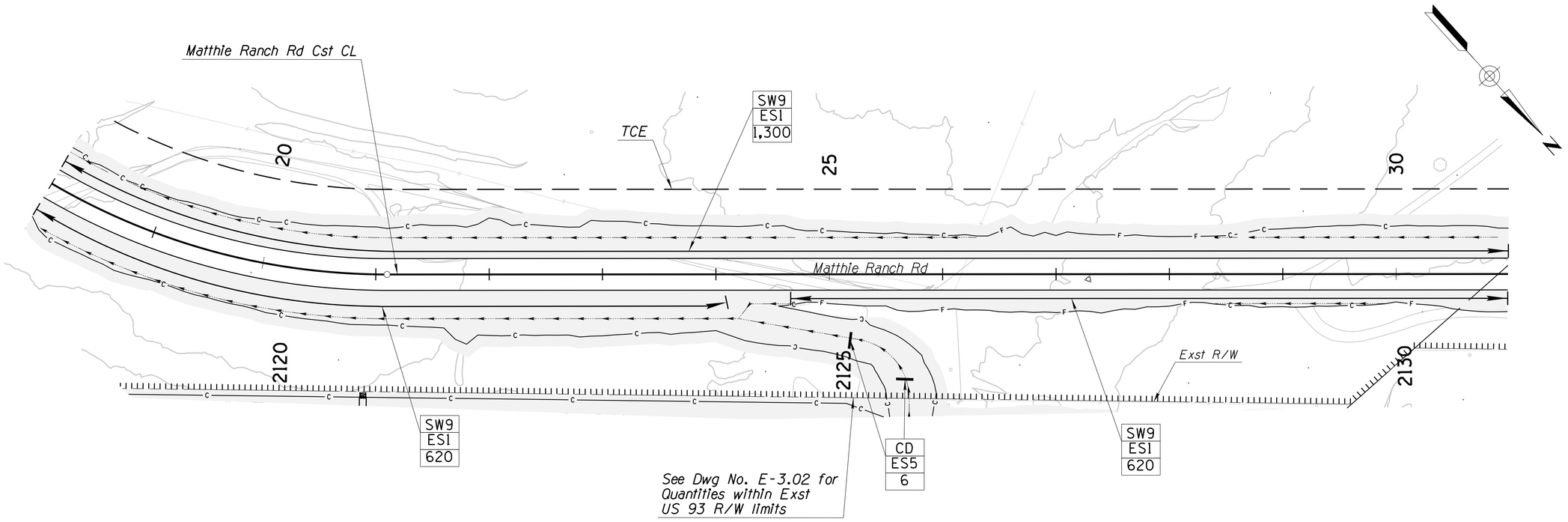
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADSIDE DEVELOPMENT SECTION

MATTHIE RANCH ROAD
EROSION CONTROL PLAN
STA 5+00 TO STA 18+00

Registered Professional Engineer
46727
DIANA B. KELLY
Date Signed 04/30/2026
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. E-3.23
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	523	524	
		093 YV 189			



SYMBOL	DESCRIPTION	QUANTITY
	SEEDING	2.1 Ac
	GRANITE MULCH (See Note 1)	0 Sq Yd

NOTE:

1. Granite Mulch in roundabout and median shall be placed to a thickness of 3-inches and will be measured and paid for under Item 8030092-Granite Mulch (1 1/4" Minus).

Erosion Control Method

SW20 = Sediment Wattles - 20"
SW9 = Sediment Wattles - 9"
CD = Check Dam
RP = Rock Protection
IP = Inlet Protection
SL = Sediment Log
CE = Construction Entrance

Detail Number Reference

Quantity

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

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

MATTHIE RANCH ROAD
EROSION CONTROL PLAN
STA 18+00 TO STA 31+00

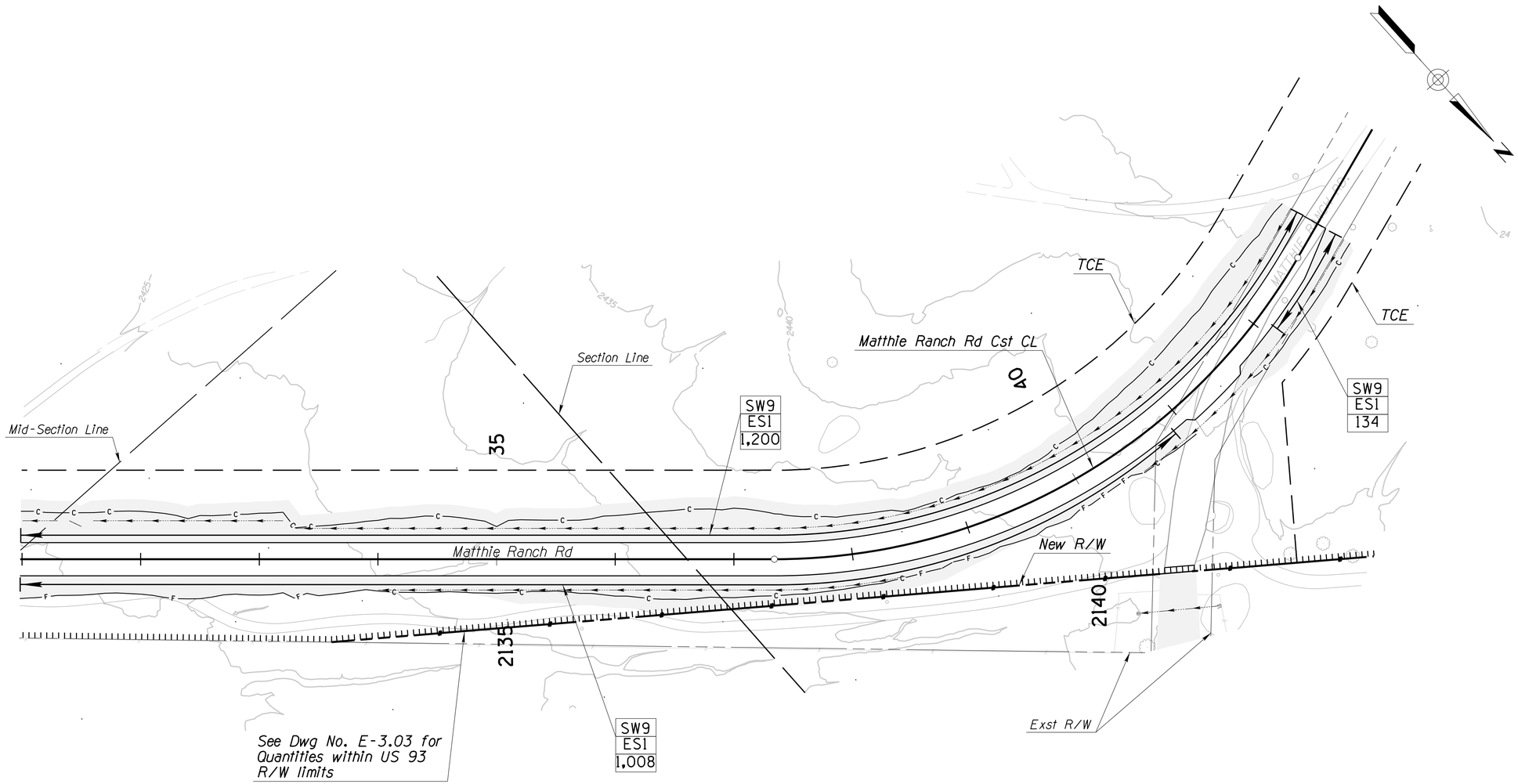
Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
ARIZONA, U.S.A.
Date Signed 06/30/26

ROUTE	LOCATION
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE

DWG NO. E-3.24

TRACS NO. F0738 01C | 093-B(230)T | ____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	093-B(230)T	524	524	
		093 YV 189			



SYMBOL	DESCRIPTION	QUANTITY
	SEEDING	1.4 Ac
	GRANITE MULCH (See Note 1)	0 Sq Yd

NOTE:

1. Granite Mulch in roundabout and median shall be placed to a thickness of 3-inches and will be measured and paid for under item 8030092-Granite Mulch (1 1/4" Minus).

Erosion Control Method

SW20 = Sediment Wattles - 20"
SW9 = Sediment Wattles - 9"
CD = Check Dam
RP = Rock Protection
IP = Inlet Protection
SL = Sediment Log
CE = Construction Entrance

Detail Number Reference

Quantity

	NAME	DATE
DESIGN	JML	06-26
DRAWN	JML	06-26
CHECKED	JPM	06-26

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

MATTHIE RANCH ROAD
EROSION CONTROL PLAN
STA 31+00 TO STA 43+00

Registered Professional Engineer (Civil)
46727
DIANA B. KELLY
Date Signed 06/26/26
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO. E-3.25
US 93	WICKENBURG RANCH WAY TO VISTA ROYALE	
TRACS NO. F0738 01C	093-B(230)T	___ OF ___