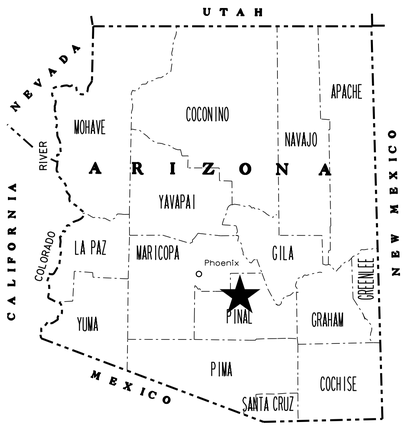
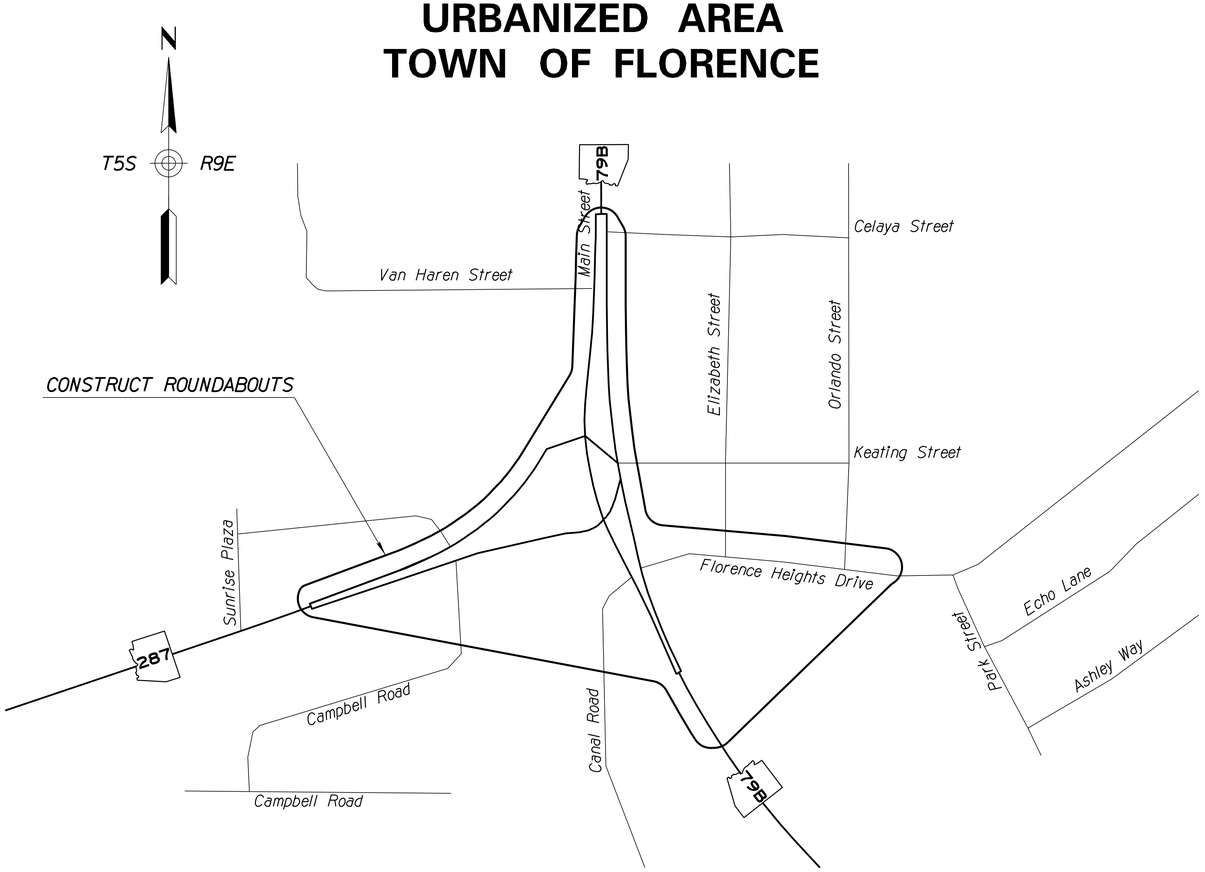


STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION

PROJECT PLANS

URBANIZED AREA
TOWN OF FLORENCE



Constructed by:

Construction Company

Completion Date

Red-Lines by:

Construction Administrator Name & Company

Completion Date

Record Drawings by:

Record Drawing Designer Name & Company

Completion Date

SR 287 & SR 79B INTERSECTION
PROJECT NO. 0000 PN FLO SZ041 01C
FEDERAL AID NO. FLO–0(201)T

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
GREG BYRES, P.E., STATE ENGINEER

RECORD DWG DATA	RECORD DWG DATE	OF

ADOT STANDARD DRAWINGS

CONSTRUCTION STANDARDS

EFFECTIVE August 2021

ISSUE OR REVISION DATE	STANDARD NO.	SUBJECT
		CONSTRUCTION
05/12	C-01.10 SH 1	SYMBOL LEGEND
05/12	C-01.10 SH 2	SYMBOL LEGEND
05/12	C-01.10 SH 3	SYMBOL LEGEND
05/12	C-01.10 SH 4	SYMBOL LEGEND
12/17	C-01.30 SH 1	GENERAL ABBREVIATIONS
05/12	C-01.30 SH 2	GENERAL ABBREVIATIONS
05/12	C-01.30 SH 3	GENERAL ABBREVIATIONS
05/12	C-02.10	SLOPES, RURAL DIVIDED HIGHWAYS
05/12	C-02.20	SLOPES, RURAL UNDIVIDED AND FRINGE-URBAN HIGHWAYS
05/12	C-02.30	SLOPES, MISCELLANEOUS ROADWAYS
05/12	C-03.10 SH 1	DITCHES, CHANNELS, DIKES AND BERMS, DITCHES AND CHANNELS
05/12	C-03.10 SH 2	DITCHES, CHANNELS, DIKES AND BERMS, DIKES
05/12	C-03.10 SH 3	DITCHES, CHANNELS, DIKES AND BERMS, DITCH DIKE
05/12	C-03.10 SH 4	DITCHES, CHANNELS, DIKES AND BERMS, PIPE BERMS
05/12	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
05/12	C-04.50	DOWNDRAIN ENERGY DISSIPATOR
05/12	C-05.10	CURB & GUTTER, CURB, GUTTER
05/12	C-05.12 SH 1	CURB & GUTTER TRANSITIONS
05/12	C-05.12 SH 2	CURB & GUTTER TRANSITIONS
05/12	C-05.12 SH 3	CURB AND GUTTER TRANSITIONS
05/12	C-05.20 SH 1	CONCRETE DRIVEWAYS & SIDEWALKS, DRIVEWAYS
05/12	C-05.20 SH 2	CONCRETE DRIVEWAYS & SIDEWALKS, SIDEWALKS
05/12	C-05.30 SH 1	SIDEWALK RAMP, TYPE A
05/12	C-05.30 SH 2	SIDEWALK RAMP, TYPE B
05/12	C-05.30 SH 3	SIDEWALK RAMP, TYPE C
05/12	C-05.30 SH 4	SIDEWALK RAMP, TYPE D
05/12	C-05.30 SH 5	SIDEWALK RAMP, TYPE E
05/12	C-05.30 SH 6	SIDEWALK RAMP, TYPE F
05/12	C-05.30 SH 7	SIDEWALK RAMP, DETECTABLE WARNING STRIP
05/12	C-05.40	MEDIAN PAVING AND NOSE TAPER
05/12	C-05.50	CONCRETE BUS BAY
05/12	C-06.10 SH 1	DRIVEWAY & TURNOUT LAYOUTS
05/12	C-06.10 SH 2	DRIVEWAY & TURNOUT LAYOUTS
05/12	C-07.01 SH 1	PCCP JOINTS
05/12	C-07.01 SH 2	PCCP JOINTS
05/12	C-07.02	LOAD TRANSFER DOWEL ASSEMBLY
05/12	C-07.03 SH 1	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS
05/12	C-07.03 SH 2	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS
05/12	C-07.03 SH 3	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS
05/12	C-07.03 SH 4	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS
05/12	C-07.03 SH 5	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS
05/12	C-07.03 SH 6	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS
05/12	C-07.03 SH 7	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS
05/12	C-07.03 SH 8	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS
05/12	C-07.04 SH 1	PCCP JOINT LOCATIONS, PARALLEL-TYPE ENTRANCE RAMP WITH AUXILIARY LANE
05/12	C-07.04 SH 2	PCCP JOINT LOCATIONS, PARALLEL-TYPE EXIT RAMP WITH AUXILIARY LANE
05/12	C-07.04 SH 3	PCCP JOINT LOCATIONS, TAPER-TYPE ENTRANCE RAMP
05/12	C-07.04 SH 4	PCCP JOINT LOCATIONS, TAPER-TYPE EXIT RAMP
05/12	C-07.04 SH 5	PCCP JOINT LOCATIONS, CROSSROAD AND RAMP TERMINI
08/21	C-07.06	TRENCH BACKFILL AND PAVEMENT REPLACEMENT
05/12	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
04/19	C-10.20 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR SOFTSTOP
04/19	C-10.20 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR SOFTSTOP
04/19	C-10.21 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR MSKT
04/19	C-10.21 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR MSKT
04/19	C-10.22 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR MAX-TENSION
04/19	C-10.22 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR MAX-TENSION
04/21	C-10.23 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR SGET
04/21	C-10.23 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR SGET
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

ISSUE OR REVISION DATE	STANDARD NO.	SUBJECT
		CONSTRUCTION
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"
04/19	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
05/12	C-11.10 SH 1	ROADWAY CATTLE GUARD
05/12	C-11.10 SH 2	ROADWAY CATTLE GUARD
05/12	C-11.10 SH 3	ROADWAY CATTLE GUARD
05/12	C-11.10 SH 4	ROADWAY CATTLE GUARD
05/12	C-11.20	CATTLE GUARD, DRAINAGE
05/12	C-12.10 SH 1	FENCE, WOVEN WIRE
05/12	C-12.10 SH 2	FENCE, BARBED WIRE
05/12	C-12.10 SH 3	FENCE, TYPE 1 AND 2 GATES, FLOOD GATE
05/12	C-12.10 SH 4	FENCE, FLOOD GATE INSTALLATION
05/12	C-12.10 SH 5	FENCE, MISCELLANEOUS DETAILS
05/12	C-12.20 SH 1	FENCE, CHAIN LINK, TYPE 1
05/12	C-12.20 SH 2	FENCE, CHAIN LINK, TYPE 2
05/12	C-12.20 SH 3	FENCE, CHAIN LINK, GATES
05/12	C-12.30 SH 1	FENCE, CHAIN LINK CABLE BARRIER
05/12	C-12.30 SH 2	FENCE, CHAIN LINK CABLE BARRIER
05/12	C-12.30 SH 3	FENCE, CHAIN LINK CABLE BARRIER
05/12	C-13.10 SH 1	PIPE CULVERT INSTALLATION
05/12	C-13.10 SH 2	PIPE CULVERT INSTALLATION
01/20	C-13.15	TYPICAL PIPE INSTALLATION
05/12	C-13.20	PIPE, REINFORCED CONCRETE END SECTION
05/12	C-13.25	PIPE, CORRUGATED METAL END SECTION
05/12	C-13.30	PIPE AND PIPE ARCH, CORRUGATED METAL, CONCRETE INVERT PAVING
05/12	C-13.55	PIPE, CATTLE-VEHICLE PASS, MITERED END TREATMENT
05/12	C-13.60	SLOTTED DRAIN DETAILS
05/12	C-13.65	SLOTTED DRAIN INSTALLATION DETAILS
05/12	C-13.70	STORM DRAIN CONNECTION DETAILS
05/12	C-13.75	STORM DRAIN OUTLET BARRIER GATE
05/12	C-13.76	STORM DRAIN OUTLET AND STORM DRAIN PLUG
05/12	C-13.80	PIPE COLLAR DETAILS
05/12	C-15.10	CATCH BASIN, TYPE 1
05/12	C-15.20 SH 1	CATCH BASIN, TYPE 3
05/12	C-15.20 SH 2	CATCH BASIN, TYPE 3
05/12	C-15.20 SH 3	CATCH BASIN, ACCESS FRAME AND COVER DETAILS
05/12	C-15.30	CATCH BASIN, TYPE 4
05/12	C-15.40 SH 1	CATCH BASIN, TYPE 5
05/12	C-15.40 SH 2	CATCH BASIN, TYPE 5
05/12	C-15.50	CATCH BASIN, FRAME AND GRATE
05/12	C-15.70 SH 1	CATCH BASIN, MISCELLANEOUS DETAILS
05/12	C-15.70 SH 2	CATCH BASIN, MISCELLANEOUS DETAILS
05/12	C-15.75	CATCH BASIN, DROP INLET
05/12	C-15.80	CATCH BASIN, FLUSH
05/12	C-15.81	CATCH BASIN, SIDE SLOPE
05/12	C-15.90	CATCH BASIN, MEDIAN DIKE, PRECAST
05/12	C-15.91 SH 1	FREEWAY CATCH BASIN DETAILS
05/12	C-15.91 SH 2	FREEWAY CATCH BASIN DETAILS
05/12	C-15.92 SH 1	CATCH BASIN WITH TYPE 'F' CONCRETE HALF BARRIER
05/12	C-15.92 SH 2	CATCH BASIN WITH TYPE 'F' CONCRETE HALF BARRIER
05/12	C-16.40	IRRIGATION SLEEVES
05/12	C-17.10	RAIL BANK PROTECTION FOR DRAINAGEWAYS, TYPES 1, 2 & 3
05/12	C-17.15	RAIL BANK PROTECTION AT ABUTMENTS, TYPES 4, 5 & 6
05/12	C-17.20	RAIL BANK PROTECTION FOR DRAINAGEWAYS, TYPES 7, 8 & 9
05/12	C-18.10 SH 1	MANHOLE, RISER DETAILS
05/12	C-18.10 SH 2	MANHOLE, BASE DETAILS, NORMAL INSTALLATION
05/12	C-18.10 SH 3	MANHOLE, FRAME AND COVER DETAILS
05/12	C-19.10 SH 1	FORD, CONCRETE WALLS
05/12	C-19.10 SH 2	FORD, TYPES 1 AND 2
05/12	C-21.10	SURVEY MONUMENT FRAME AND COVER
05/12	C-21.20	SURVEY MARKER

ADOT STANDARD DRAWINGS REVISION DATES and STANDARD NO.'s REVIEW		
	NAME	DATE
CONSTRUCTION Standards	Allen Hathcock, P.E.	07/2023
PROJECT NO. 0000 PN FLO SZ041 01C	1A OF 156	
RECORD DRAWING DATA	FEDERAL AID NO. FLO-0(201)T	REC. DWG. DATE ____ OF ____

REV.: 08/21

7/7/2023 K:\PHX_Roadway\291244000-Proj Dev On-call 2018-006.11\291244005-SR287 & 79B RABs\Cadd\12-Sheets\Roadway\sz041_1A.dgn

ADOT STANDARD DRAWINGS

TRAFFIC SIGNING AND MARKING STANDARDS
(SHEET 1 OF 2)
EFFECTIVE JUNE 2022

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
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
8/20	M-19 SHT 1	RAISED PAVEMENT MARKER PLAN LEGEND
6/14	M-19 SHT 2	NON-REFLECTIVE RAISED PAVEMENT MARKER DETAILS
6/14	M-19 SHT 3	RETROREFLECTIVE RAISED PAVEMENT MARKER DETAILS
6/14	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
3/22	M-19 SHT 10	CONTRAST LANE LINE FOR FREEWAY AND DIVIDED HIGHWAY
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	Lina Bearat, P.E.	07/2023

PROJECT NO. 0000 PN FLO SZ041 01C — IB-1 OF 156

RECORD DRAWING DATA — FEDERAL AID NO. FLO-0(201)T — REC. DWG. DATE — OF

ADOT STANDARD DRAWINGS

TRAFFIC SIGNING & MARKING STANDARDS
(SHEET 2 OF 2)
EFFECTIVE AUGUST 2022

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
4/19	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	Lina Bearat, P.E.	07/2023
PROJECT NO. 0000 PN FLO SZ041 01C	1B-2 OF 156	
RECORD DRAWING DATA	FEDERAL AID NO. FLO-0(201)T	REC. DWG. DATE OF

-. 7/7/2023 K:\PHX_Roadway\291244000-Proj Dev On-call 2018-006.11\291244005-SR287 & 79B RABs\Cadd\12-Sheets\Roadway\sz041_1B-2.dgn

NO.	DESCRIPTION OF REVISION	DATE	MADE BY
1	REVISED TS 5-0 AND TS 5-3.	05/21	A. ALZUBI
2	REVISED TS 8-0, TS 8-1 AND TS 8-2, REMOVED AND ARCHIVED TS 8-3.	08/19	A. SIDIQUI

ADOT STANDARD DRAWINGS

TRAFFIC SIGNAL AND LIGHTING STANDARDS
(SHEET 1 OF 2)
EFFECTIVE MAY 2021

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	PLANS SYMBOLS
01/12	0-2	SHT 2	PLANS SYMBOLS
01/12	0-2	SHT 3	PLANS SYMBOLS
03/10	0-3	SHT 1	STANDARD DEFINITIONS
03/10	0-3	SHT 2	STANDARD DEFINITIONS
04/19	0-4		REFERENCE DOCUMENTS AND GENERAL REQUIREMENTS
	T.S. 1		PULL BOXES
09/11	1-1	SHT 1	LIGHT DUTY - LIGHT WEIGHT NO. 5 AND NO. 7 PULL BOX
09/11	1-1	SHT 2	LIGHT DUTY - LIGHT WEIGHT NO. 5 AND NO. 7 SLOPE WALL BODY PULL BOX DETAILS
03/15	1-2		HEAVY DUTY NO. 5 AND NO. 7 STRAIGHT BODY WALL PULL BOX DETAILS
09/11	1-3		REPLACEMENT LID SIZING FOR EXISTING NO. 5 AND NO. 7 PULL BOXES
09/11	1-4	SHT 1	TYPICAL PULL BOX INSTALLATION AND WIRING DETAILS
09/11	1-4	SHT 2	TYPICAL PULL BOX INSTALLATION AND WIRING DETAILS
09/11	1-4	SHT 3	TYPICAL PULL BOX INSTALLATION DETAILS
09/11	1-5	SHT 1	ELECTRICAL CONDUIT COVER AND TRENCH REQUIREMENTS
09/11	1-5	SHT 2	CONDUIT EXPANSION COUPLINGS
09/11	1-6		CONDUCTOR REQUIREMENTS
03/10	1-7		TRAFFIC SIGNAL IMSA CABLE COLOR CODES
09/11	1-8	SHT 1	FRONT OF BARRIER JUNCTION BOX
09/11	1-8	SHT 2	BACK OF BARRIER JUNCTION BOX
09/11	1-9		TOP OF BARRIER JUNCTION BOX DETAILS
09/11	1-10		TOP OF BARRIER JUNCTION BOX DETAILS
10/13	1-11	SHT 1	HEAVY DUTY LIGHTING NO. 4 AND NO. 6 PULL BOX
10/13	1-11	SHT 2	HEAVY DUTY LIGHTING NO. 4 AND NO. 6 PULL BOX
03/15	1-11	SHT 3	HEAVY DUTY LIGHTING NO. 4 AND NO. 6 PULL BOX LID
03/15	1-12	SHT 1	PRECAST HEAVY DUTY LIGHTING NO. 4B AND NO. 6B PULL BOX
03/15	1-12	SHT 2	PRECAST HEAVY DUTY LIGHTING NO. 4B AND NO. 6B PULL BOX
	T.S. 2		FOUNDATIONS
03/10	2-1		FOUNDATION FOR TYPE II LOAD CENTER CABINET
03/10	2-2		FOUNDATION FOR TYPE IV LOAD CENTER CABINET
03/10	2-3		FOUNDATION FOR TYPE III CONTROL CABINET
03/10	2-4		FOUNDATION FOR TYPE IV AND V CONTROL CABINETS
03/10	2-5		FOUNDATION FOR TYPE 340 CONTROL CABINET
03/10	2-6		METER PEDESTAL CABINET FOUNDATION AND BASE
03/15	2-7		TRAFFIC SIGNAL UPS CABINET FOUNDATION DETAIL
	T.S. 3		CABINETS
12/12	3-0		NOTES FOR TYPE II AND IV LOAD CENTER CABINETS
03/10	3-1		TYPE II LOAD CENTER CABINET
03/10	3-2		TYPE IV LOAD CENTER CABINET
03/10	3-3		TYPE II OR IV LOAD CENTER CABINET WIRING DETAILS 240/480 3W W/DISCONNECT
03/10	3-4	SHT 1	PHOTO ELECTRIC CELL MOUNTING DETAILS
03/10	3-4	SHT 2	PHOTO ELECTRIC CELL MOUNTING DETAILS
03/10	3-5	SHT 1	TYPE I AND II METER PEDESTAL CABINET
12/12	3-5	SHT 2	METER PEDESTAL CABINET
03/10	3-6		TYPE III CONTROL CABINET
03/10	3-7		POLE MOUNTED TYPE III CONTROL CABINET
03/10	3-8	SHT 1	POLE MOUNT DETAILS FOR TYPE III CONTROL CABINET
03/10	3-8	SHT 2	POLE MOUNT DETAILS FOR TYPE III CONTROL CABINET
03/10	3-9	SHT 1	TYPE IV AND V CONTROL CABINET NOTES
03/10	3-9	SHT 2	TYPE IV CONTROL CABINET
03/10	3-9	SHT 3	TYPE V CONTROL CABINET
03/10	3-10		CABINET EXTENSION OR ELEVATOR BASE
03/10	3-11		CONTROL CABINET MOUNTED SERVICE ENCLOSURE
03/10	3-12	SHT 1	120/240 OR 240/480 VOLT, SINGLE PHASE UTILITY PULL SECTION AND SERVICE DISCONNECT DETAILS
03/10	3-12	SHT 2	120/240 OR 240/480 VOLT, SINGLE PHASE UTILITY PULL SECTION AND SERVICE DISCONNECT DETAILS
03/10	3-13	SHT 1	TRAFFIC SIGNALS AND LIGHTING MODEL 345 CABINET DETAILS
03/10	3-13	SHT 2	TRAFFIC SIGNALS AND LIGHTING MODEL 345 CABINET DETAILS
03/10	3-13	SHT 3	TRAFFIC SIGNALS AND LIGHTING MODEL 345 CABINET CAGE DETAILS

REVISION DATE	STANDARD NUMBER		SUBJECT: TRAFFIC SIGNALS AND LIGHTING DETAILS
	T-SL 4		POLES AND POSTS
04/19	4.01		TYPE A POLE
04/19	4.02		TYPE S POLE
04/19	4.03		TYPE T POLE
04/19	4.04		TYPE S AND TYPE T STEEL TWIN LUMINAIRE MOUNTING BRACKET AND EXTENSIONS
04/19	4.05		ALUMINUM TYPE S POLE
04/19	4.06		ALUMINUM TYPE T POLE
04/19	4.07		TYPE G POLE
04/19	4.08		ALUMINUM TYPE G POLE
04/19	4.09		ALUMINUM TYPE H POLE
04/19	4.10		ALUMINUM TYPE I POLE
04/19	4.11		GENERAL NOTES FOR TRAFFIC SIGNAL 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
04/19	4.16		TYPE V POLES (60-V AND 65-V) WITH 60 FT TO 65 FT MAST ARM SPAN LENGTH
04/19	4.17		TYPE W POLES (60-WL AND 65-WL) WITH 60 FT TO 65 FT MAST ARM SPAN LENGTH WITH LUMINAIRES
04/19	4.18		POLE HAND HOLE DETAILS
04/19	4.19		TYPE U POLE (ELLIPTICAL BASE) DETAILS
04/19	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"
04/19	4.28		POLE FOUNDATION ANCHOR BOLTS
04/19	4.29		STEEL MAST ARM DETAILS FOR 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 DETAILS
04/19	4.32		TYPICAL HIGHWAY LIGHTING OFFSETS IN CUT AND FILL SECTIONS
	T.S. 5		POLE BASES - SPECIAL
05/21	5-0		TYPE 2 AND 3 CAST ALUMINUM BREAK-AWAY BASES
04/19	5-1		TYPE 2 CAST ALUMINUM BREAK-AWAY BASES
04/19	5-2		TYPE 3 CAST ALUMINUM BREAK-AWAY BASES
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	Lina Bearat, P.E.	07/2023	
PROJECT NO. 0000 PN FLO SZ041 01C		1C-1	OF 156
RECORD DRAWING DATA	FEDERAL AID NO. FLO-0(201)T	REC. DWG. DATE	OF

ADOT STANDARD DRAWINGS

TRAFFIC SIGNAL AND LIGHTING STANDARDS
(SHEET 2 OF 2)
EFFECTIVE MAY 2021

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
08/19	8-0		TRAFFIC SIGNAL REQUIREMENTS AND DETAILS
08/19	8-1		VEHICLE TRAFFIC SIGNAL FACE ASSEMBLY
08/19	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 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

NO.	DESCRIPTION OF REVISION	DATE	MADE BY
NO.1	REVISED T.S. 8-0, T.S. 8-1 AND T.S. 8-2, REMOVED AND ARCHIVED TS 8-3,	8/19	A. SIDIQYAR
NO.2	REVISED T.S. 5-0 AND T.S. 5-3.	5/21	A. ALZUBI

ADOT STANDARD DRAWINGS REVISION DATES AND STANDARD NO.'s REVIEW			
	NAME	DATE	
TRAFFIC SIGNAL AND LIGHTING STANDARDS	Lina Bearat, P.E.	07/2023	
PROJECT NO. 0000 PN FLO SZ041 01C	1C-2	OF	156
RECORD DRAWING DATA	FEDERAL AID NO. FLO-0(201)T	REC. DWG. DATE	OF

ADOT STANDARD DRAWINGS

STRUCTURE DETAIL DRAWINGS
EFFECTIVE MARCH 2023

DATE	STANDARD	SUBJECT TITLE
RAILINGS		
02/23	SD 1.10 (1 OF 2)	38" SINGLE SLOPE BRIDGE BARRIER AND TRANSITION
06/21	SD 1.10 (2 OF 2)	38" SINGLE SLOPE BRIDGE BARRIER AND TRANSITION
02/23	SD 1.11 (1 OF 1)	42" SINGLE SLOPE BRIDGE BARRIER AND TRANSITION
06/21	SD 1.11 (2 OF 2)	42" SINGLE SLOPE BRIDGE BARRIER AND TRANSITION
01/20	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		
12/07	SD 2.01	APPROACH SLAB DETAILS
12/07	SD 2.02	TYPE 1 ANCHOR SLAB DETAILS
12/07	SD 2.03	TYPE 2 ANCHOR SLAB DETAILS
09/09	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)
02/23	SD 6.20 (1 OF 5)	PRECAST REINFORCED CONCRETE BOX CULVERTS - SINGLE BARREL NOTES & DIMENSIONS
02/23	SD 6.20 (2 OF 5)	PRECAST REINFORCED CONCRETE BOX CULVERTS - MISCELLANEOUS DETAILS 1
02/23	SD 6.20 (3 OF 5)	PRECAST REINFORCED CONCRETE BOX CULVERTS - END SECTION & CONNECTION DETAILS
02/23	SD 6.20 (4 OF 5)	PRECAST REINFORCED CONCRETE BOX CULVERTS - MISCELLANEOUS DETAILS 2
02/23	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		
12/21	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		
11/22	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
11/22	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
11/22	SD 9.10 (1 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - GENERAL PLAN
03/22	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
04/19	SD 9.10 (5 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - LIGHT SUPPORT DETAILS
11/22	SD 9.20 (1 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR FRAME - GENERAL PLAN
03/22	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
04/19	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	Lina Bearat, P.E.	07/2023

PROJECT NO. 0000 PN FLO SZ041 01C — ID OF 156

RECORD DRAWING DATA | FEDERAL AID NO. FLO-0(201)T | REC. DWG. DATE | OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	2	156	
		0000 PN FLO			

INDEX OF SHEETS

SHEET NO.	DWG NO.	SHEET TITLE
		GENERAL
1	-	Face Sheet
1A - 1D	-	ADOT Standard Drawings
2	G-01.01	Index of Sheets
3	G-02.01	Design Sheet
4 - 10	G-03.01 - G-03.07	Typical Sections
11 - 21	G-04.01 - G-04.11	Roadway Summary Sheets
22	G-05.01	Pipe Summary Sheet
23 - 33	G-06.01 - G-06.11	Detail Sheets
34	G-07.01	Benchmark & Control Point Data
35 - 36	G-08.01 - G-08.02	Geometric Layout Sheets
37 - 38	G-09.01 - G-09.02	Geometric Data Sheets
		CIVIL
39 - 42	C-01.01 - C-01.04	Grading & Fencing Plan Sheets
43 - 46	C-02.01 - C-02.04	Removal Sheets
47 - 50	C-03.01 - C-03.04	Mainline Plan Sheets
51 - 54	C-04.01 - C-04.04	Profile Sheets
55 - 61	C-05.01 - C-05.07	Sideroad Plan & Profile Sheets
62 - 65	C-06.01 - C-06.04	Curb & Gutter & Sidewalk Control Sheets
66 - 71	C-07.01 - C-07.06	Curb & Gutter & Sidewalk Control Data Sheets
72 - 73	C-08.01 - C-08.02	Joint Layout Sheets
74 - 78	C-09.01 - C-09.05	Staking Sheets
		DRAINAGE
79	D-01.01	Storm Drain Profile Sheet
80 - 81	D-02.01 - D-02.02	Drainage Details
82 - 85	D-03.01 - D-03.04	Basin Grading/Staking Sheets
		TRAFFIC
86	T-01.01	Traffic Control General Notes
87	T-02.01	Traffic Control Quantities
88 - 92	T-03.01 - T-03.05	Management of Traffic Sheets
93 - 97	T-04.01 - T-04.05	Construction Sequence Sheets
98 - 99	T-05.01 - T-05.02	Signing Notes, Quantities, & Details Sheets
100 - 111	T-06.01 - T-06.12	Sign Summary Sheets
112 - 116	T-07.01 - T-07.05	Signing Plan Sheets
117 - 122	T-08.01 - T-08.06	Sign Format Sheets
123	T-09.01	Rectangular Rapid Flashing Beacon Plan Sheet
124 - 125	T-10.01 - T-10.02	Pavement Marking Notes, Quantities, & Details Sheets
126 - 129	T-11.01 - T-11.04	Pavement Marking Plan Sheets
130 - 131	T-12.01 - T-12.02	Electrical Notes
132 - 133	T-13.01 - T-13.02	Electrical Plan Sheets
134 - 135	T-14.01 - T-14.02	Fixture Schedule
		LANDSCAPE
136 - 137	R-01.01 - R-01.02	Monument Detail Sheets
138	R-02.01	Inert Materials Summary Sheet
139 - 142	R-03.01 - R-03.04	Inert Materials Sheets
143 - 144	R-04.01 - R-04.02	Erosion Control Summary Sheets
145 - 150	R-05.01 - R-05.06	Erosion Control Detail Sheets
151 - 154	R-06.01 - R-06.04	Erosion Control Plan Sheets
		UTILITIES
155 - 156	U-01.01 - U-01.02	Proposed Irrigation Plan, Profile, & Details Sheets

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SHEET INDEX

Registered Professional Engineer, Certificate No. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023, ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-01.01

TRACS NO.			
SZ041 01C		FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

7:58:29 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\ROADWAY\SZ041_ID01.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	3	156	
		0000 PN FLO			

MIDPOINT OF PROJECT

Central Zone
State Plane Coordinates

X=862,000
Y=735,000

REFERENCES

F 019-1(14)
B079-A-500
TEA-FLO-0(004)T
287-B(001)A

DESIGN DATA

SR 79B 2040 ADT	= 7,820
SR 287 2040 ADT	= 32,870
SR 79B (Main Street) 2040 ADT	= 19,290
Florence Heights Drive 2040 ADT	= 13,690

Design Speed :

SR 79B	= 40 mph
SR 287	= 40 mph
SR 79B (Main Street)	= 40 mph
Florence Heights Drive	= 30 mph

EARTHWORK QUANTITIES

Roadway Excavation	11,714 CY
Shrink (10%)	1,218 CY
Pipe Excavation	430 CY
Shrink (10%)	43 CY
Total Excavation	10,883 CY
Roadway Embankment (Including Ground Comp)*	10,883 CY
Pipe & Trench Backfill*	132 CY
Total Embankment	11,015 CY
Borrow	132

* - Non-Pay Item

LENGTH OF PROJECT

SR 79B			
Sta 540+07.00 to 550+76.86 Bk	=	1,069.86'	= 0.20 Miles
Sta 549+48.72 Ahd to 557+65.00	=	816.28'	= 0.15 Miles
(MP 132.55 to MP 132.89)			
SR 287			
Sta 7+44.84 to 18+10.00	=	1,065.16'	= 0.20 Miles
(MP 142.70 to MP 142.50)			
Florence Heights Drive	=	913.00'	= 0.17 Miles
Sta 20+00.00 to 29+13.00			
Gross & Net Length	=	3,864.30'	= 0.73 Miles

GENERAL NOTES

The roadway plans have been designed utilizing the 2012 Construction Standard Drawings (C-Series), and current revisions.

The average project elevation is 1532'.

For R/W information not shown, See Right-Of-Way project No. F-019-1(14)/11-T-371A and project FAP 94-A/11-T-093

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.

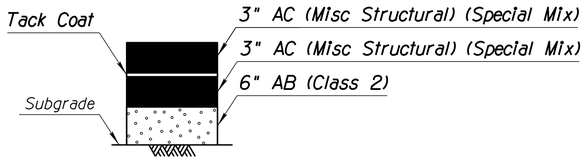
Bench markers will be furnished by the State and shall be placed by the Contractor, per Std C-21.20, at no additional cost to the Department.

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 is approximate. The contractor shall comply with all current Blue Stake laws and Section 107.15 of the Specification.

New Right-of-Way and Temporary Construction Easements are required.

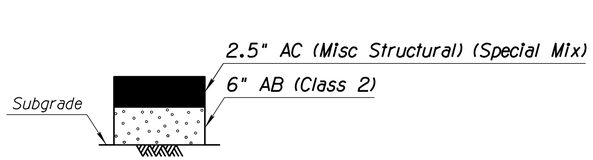
An Average User Delay Cost of $4,500/day has been estimated for this project.



Total Thickness = 12"

SECTION NO. 1

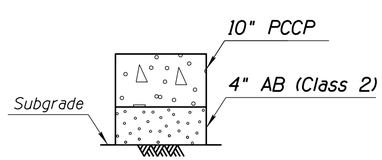
SR 287
SR 79B
Florence Heights Drive



Total Thickness = 8.5"

SECTION NO. 2

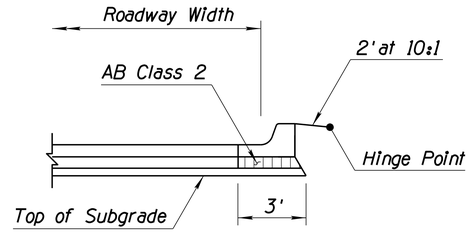
Campbell Road
Canal Road
Keating Street
Elizabeth Street
Orlando Street
Driveways



Total Thickness = 14"

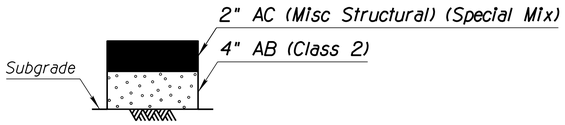
SECTION NO. 3

Roundabout Truck Apron



VIEW A

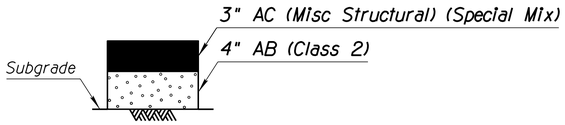
AC Treatment with Curb & Gutter



Total Thickness = 6"

SECTION NO. 4

AC Pathway



Total Thickness = 7"

SECTION NO. 5

Temporary Pavement

PAVEMENT STRUCTURAL SECTIONS

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

DESIGN SHEET

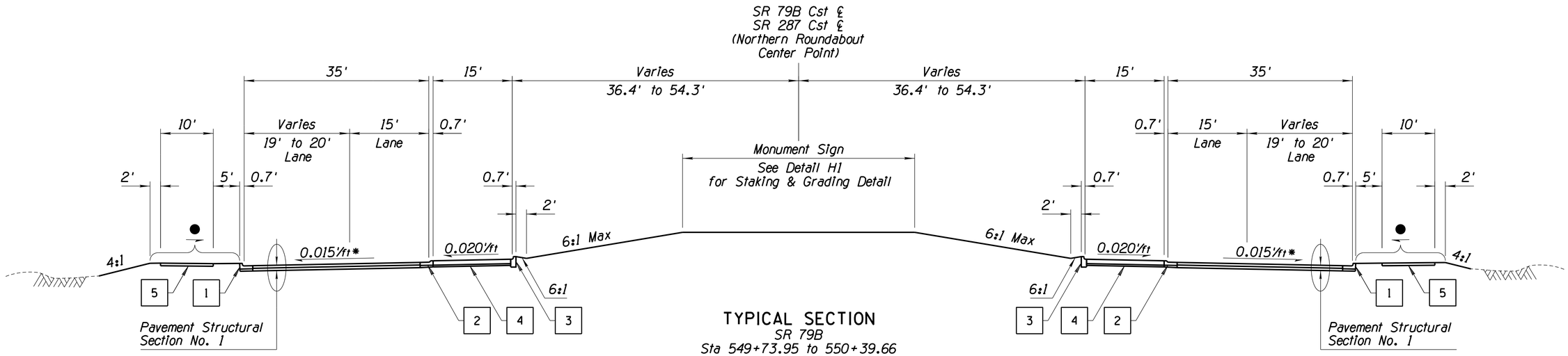
Registered Professional Engineer (Civil) Certificate No. 47513 ALLEN R. HATHCOCK Not valid without signature and original seal. Arizona U.S.A.

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS
DWG NO. G-02.01

TRACS NO. SZ041 01C | FLO-0(201)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.	FLO-0(201)T	4	156	
		0000 PN FLO			



TYPICAL SECTION

SR 79B
Sta 549+73.95 to 550+39.66
SR 287
Sta 7+44.84 to 8+34.84

NOTE:

* *Typical shown. See staking sheets for additional control.*

●	*0.015'/ft*
1	*New Conc Curb & Gutter, Std C-05.10 Type D H=6"*
2	*New Conc Curb & Gutter, Std C-05.10 Type G H=3"*
3	*New Conc Curb, Std C-05.10 Type A1 H=3"*
4	*Detail A Truck Apron, Pvmt Str Sct No. 3*
5	*AC Pathway, Pvmt Str Sct No. 4*

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Baxter	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

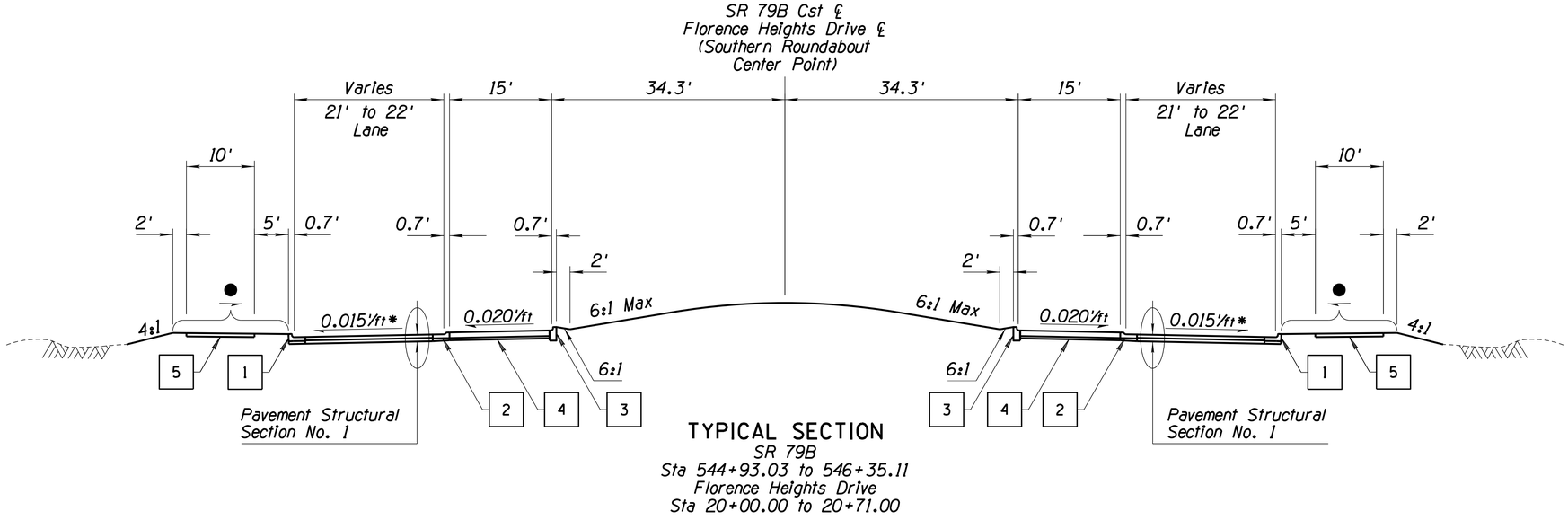
TYPICAL SECTIONS
NORTHERN ROUNDABOUT

Registered Professional Engineer (Civil)
CERTIFICATE NO.
47513
ALLEN R.
HATHCOCK
Date Signed 07/07/2023
ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-03.01
TRACS NO. SZ041 01C	FLO-0(201)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.	FLO-0(201)T	5	156	
		0000 PN FLO			



TYPICAL SECTION

SR 79B
Sta 544+93.03 to 546+35.11
Florence Heights Drive
Sta 20+00.00 to 20+71.00

NOTE:

* *Typical shown. See staking sheets for additional control.*

● *0.015'/ft*

1 *New Conc Curb & Gutter, Std C-05.10 Type D H=6"*

2 *New Conc Curb & Gutter, Std C-05.10 Type G H=3"*

3 *New Conc Curb, Std C-05.10 Type A1 H=3"*

4 *Detail A Truck Apron, Pvmt Str Sct No. 3*

5 *AC Pathway, Pvmt Str Sct No. 4*

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Baxter	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

TYPICAL SECTIONS
SOUTHERN ROUNDABOUT

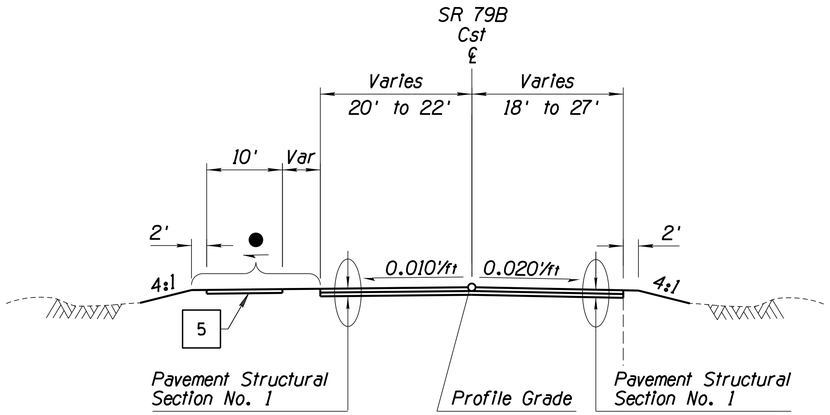
Professional Engineer Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-03.02

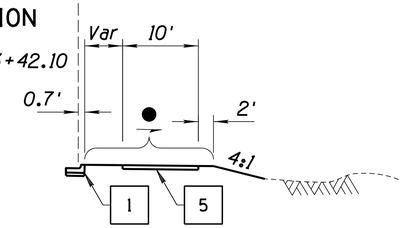
TRACS NO.			SHEET NO.
SZ041 01C		FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

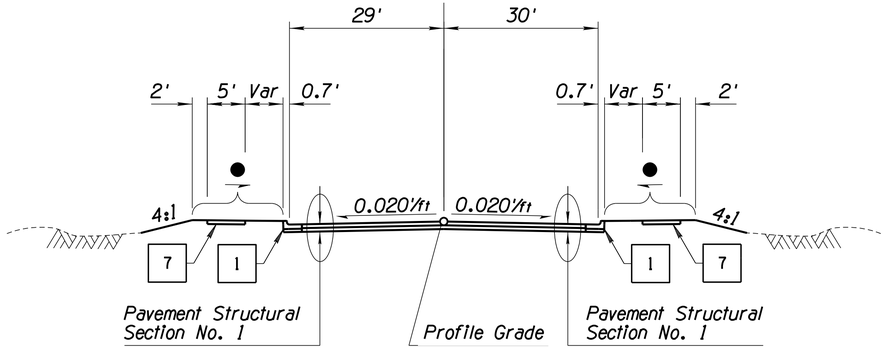
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	6	156	
		0000 PN FLO			



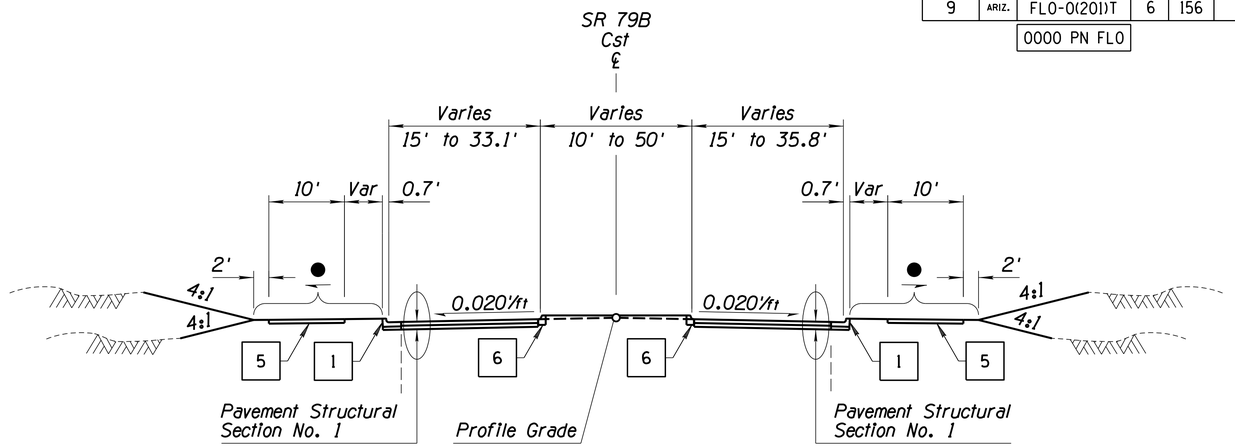
TYPICAL SECTION
SR 79B
Sta 542+22.00 to 543+42.10

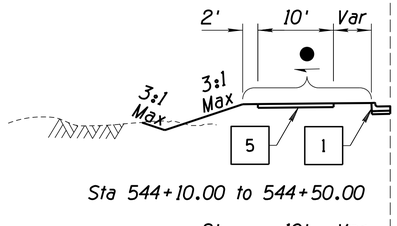


Sta 542+73.98 to 543+42.10

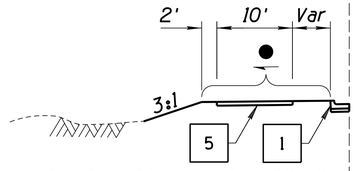


TYPICAL SECTION
SR 79B
Sta 554+84.89 to 555+85.12

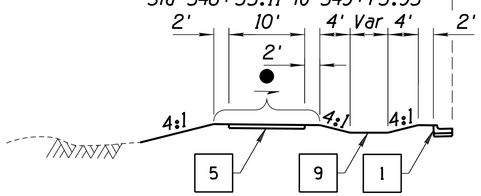




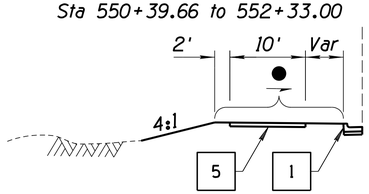
Sta 544+10.00 to 544+50.00



Sta 544+50.00 to 544+93.03
Sta 546+35.11 to 549+73.95

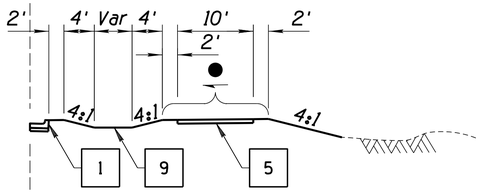


Sta 550+39.66 to 552+33.00

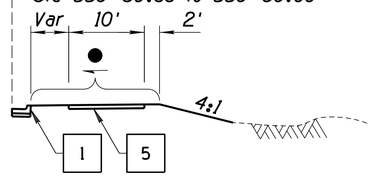


Sta 552+33.00 to 554+84.89

TYPICAL SECTION
SR 79B
Sta 543+42.10 to 544+93.03
Sta 546+35.11 to 549+73.95
Sta 550+39.66 to 554+84.89



Sta 550+39.66 to 550+80.00



Sta 551+50.00 to 554+84.89

● 0.015'/ft

1	New Conc Curb & Gutter, Std C-05.10 Type D H=6"
5	AC Pathway, Pvmt Str Sct No. 4
6	New Conc Curb, Std C-05.10 Type A H=6"
7	New Conc Sidewalk, Std C-05.20
9	New Graded Earthen Basin, See Basin Details

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Baxter	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

TYPICAL SECTIONS
SR 79B

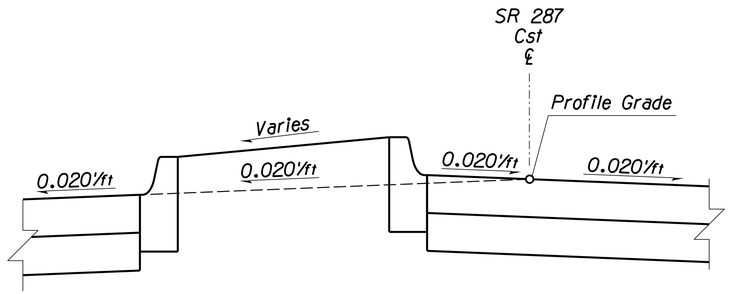
Registered Professional Engineer, State of Arizona
CERTIFICATE NO.
47513
ALLEN R.
HATHCOCK
Date Signed 01/07/2025
ARIZONA
U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-03.03

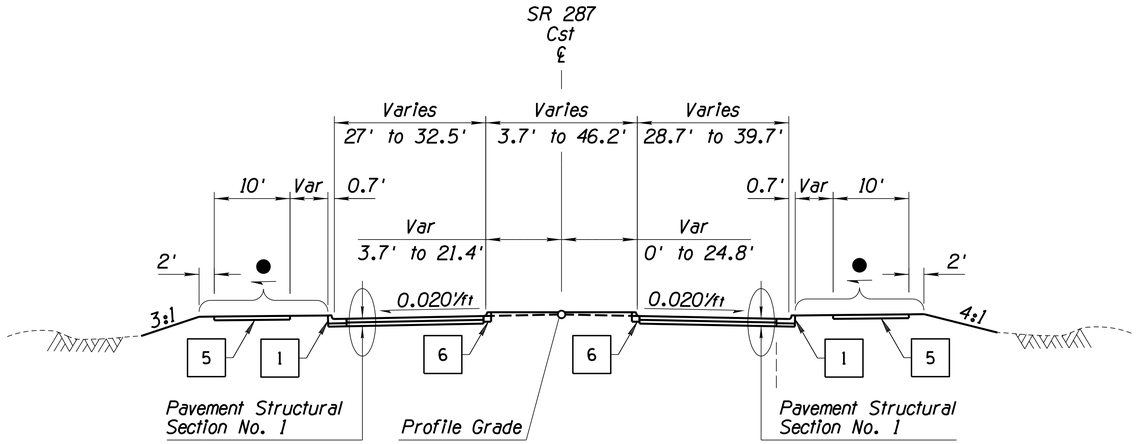
TRACS NO.			SHEET NO.
SZ041 01C		FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

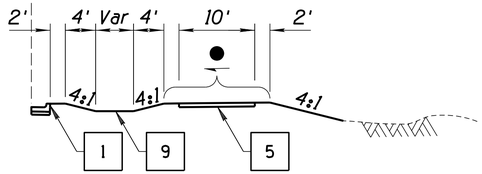
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	7	156	
		0000 PN FLO			



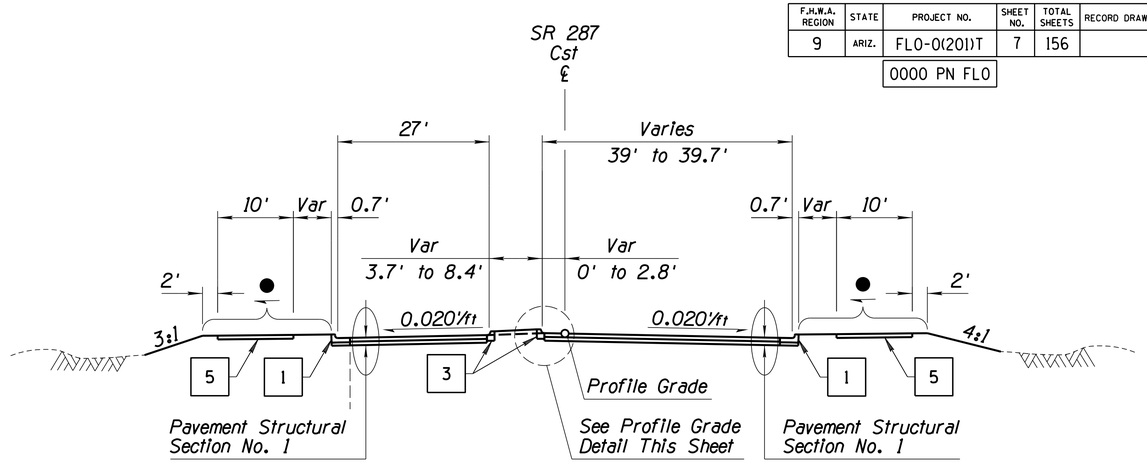
PROFILE GRADE CONTROL DETAIL



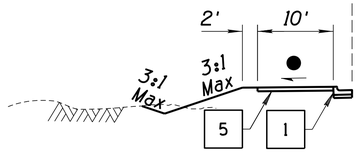
TYPICAL SECTION
SR 287
Sta 8+34.84 to 9+49.55



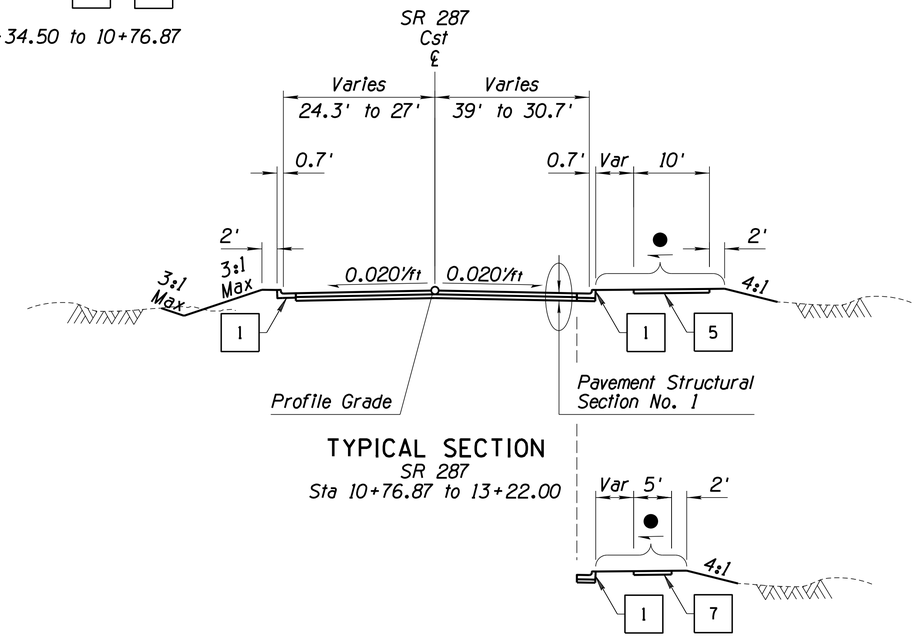
Sta 8+34.84 to 8+66.77



TYPICAL SECTION
SR 287
Sta 9+49.55 to 10+76.87



Sta 10+34.50 to 10+76.87



TYPICAL SECTION
SR 287
Sta 10+76.87 to 13+22.00

Sta 12+62.06 to 13+22.00

● 0.015'/ft

1	New Conc Curb & Gutter, Std C-05.10 Type D H=6"
5	AC Pathway, Pvmt Str Sct No. 4
6	New Conc Curb, Std C-05.10 Type A H=6"
7	New Conc Sidewalk, Std C-05.20
9	New Graded Earthen Basin, See Basin Details

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Baxter	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

TYPICAL SECTIONS
SR 287

Registered Professional Engineer (Civil)
CERTIFICATE NO.
47513
ALLEN R.
HATHCOCK
Date Signed 07/07/2023
ARIZONA, U.S.A.

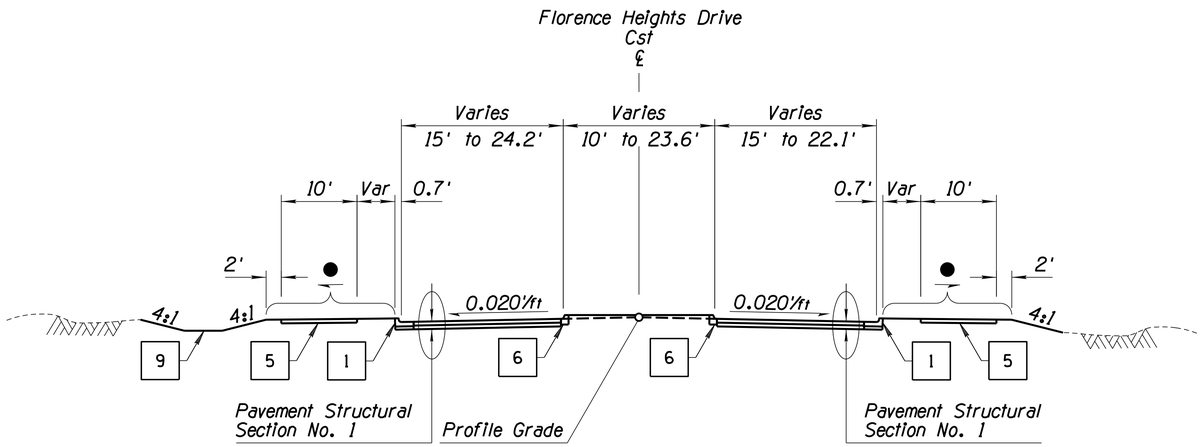
ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. G-03.04

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

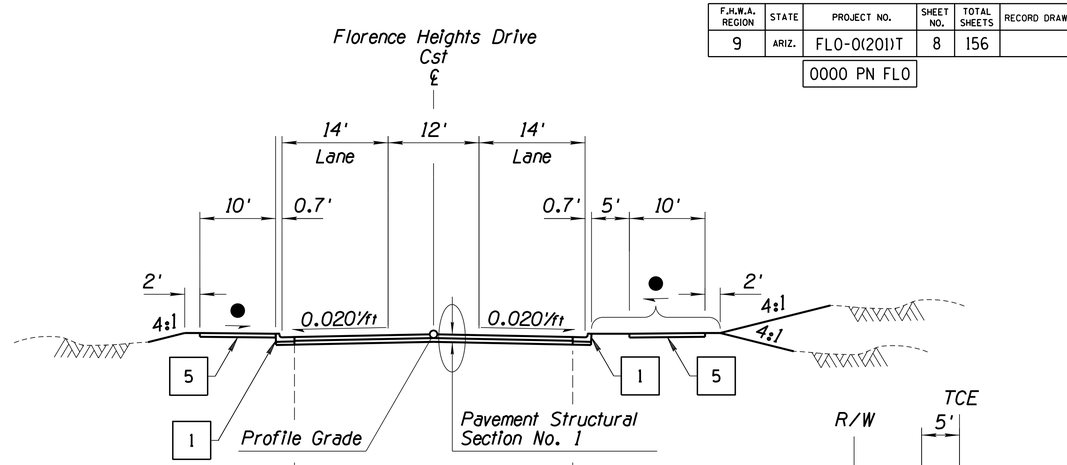
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	8	156	
		0000 PN FLO			



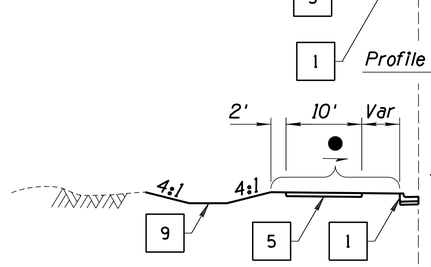
TYPICAL SECTION

Florence Heights Drive
Sta 20+71.00 to 22+97.76

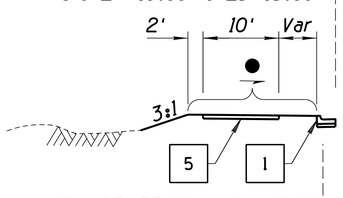


TYPICAL SECTION

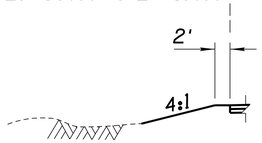
Florence Heights Drive
Sta 22+97.76 to 27+86.44



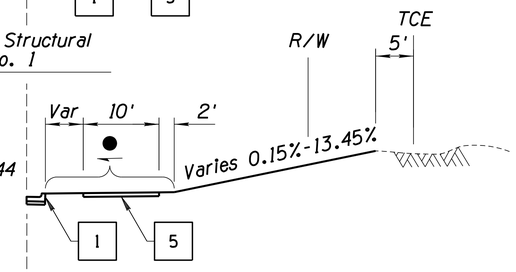
Sta 22+97.76 to 23+53.00
Sta 24+18.00 to 25+15.00



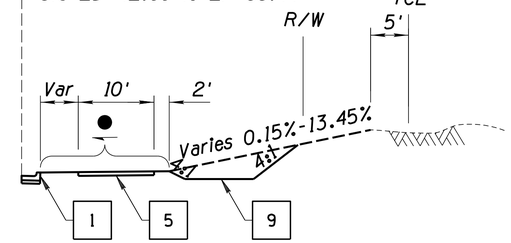
Sta 23+53.00 to 24+18.00



Sta 26+06.19 to 27+86.44



Sta 23+62.00 to 24+32.00
Sta 25+42.00 to 27+86.44



Sta 24+32.00 to 25+42.00

● *0.015'/ft*

1	*New Conc Curb & Gutter, Std C-05.10 Type D H=6"*
5	*AC Pathway, Pvmt Str Sct No. 4*
6	*New Conc Curb, Std C-05.10 Type A H=6"*
9	*New Graded Earthen Basin, See Basin Details*

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Baxter	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

TYPICAL SECTIONS
FLORENCE HEIGHTS DRIVE

Registered Professional Engineer (Civil) Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

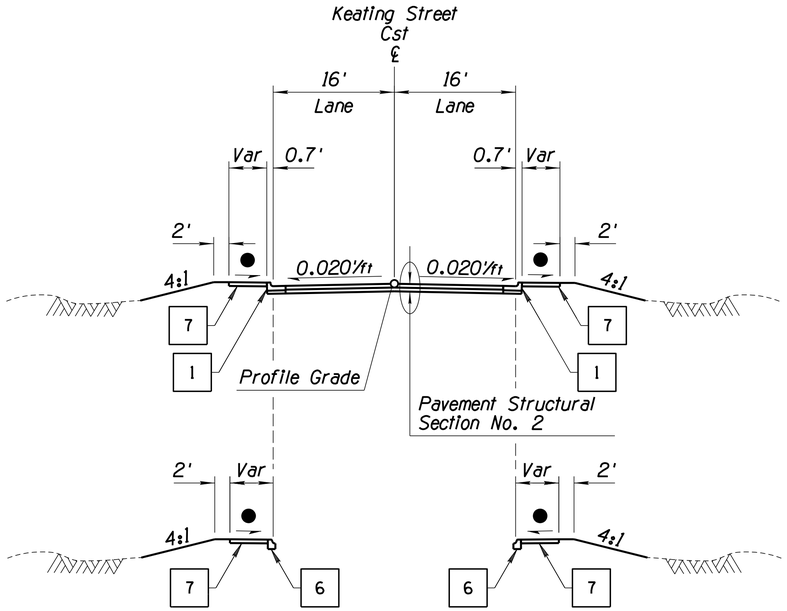
DWG NO. G-03.05

TRACS NO.		
SZ041 01C		FLO-0(201)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.	FLO-0(201)T	9	156	
		0000 PN FLO			

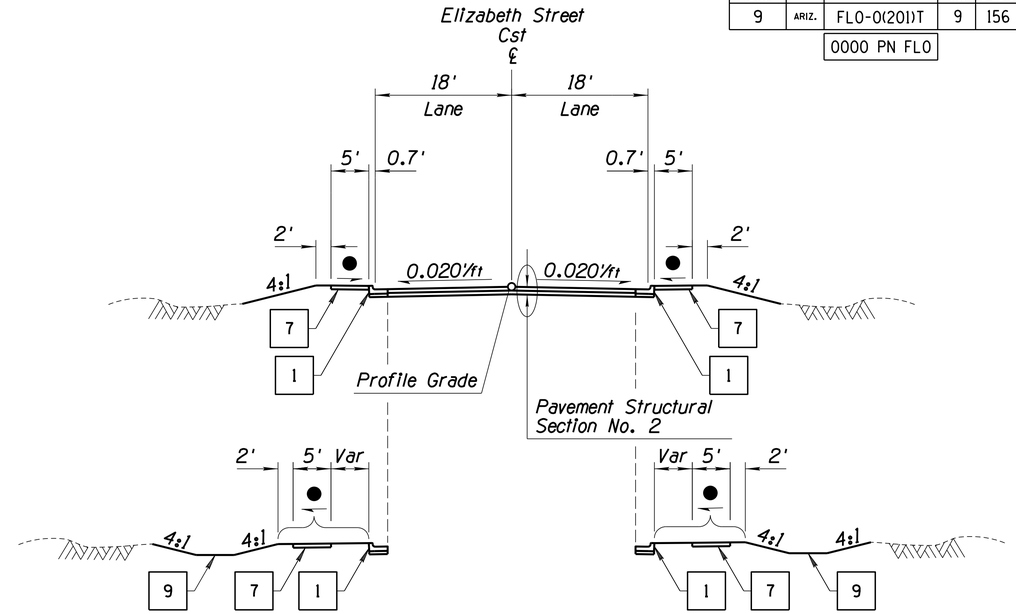


Sta 20+92.39 to 21+48.22

Sta 20+77.24 to 21+48.22

TYPICAL SECTION

Keating Street
Sta 20+45.00 to 21+48.22

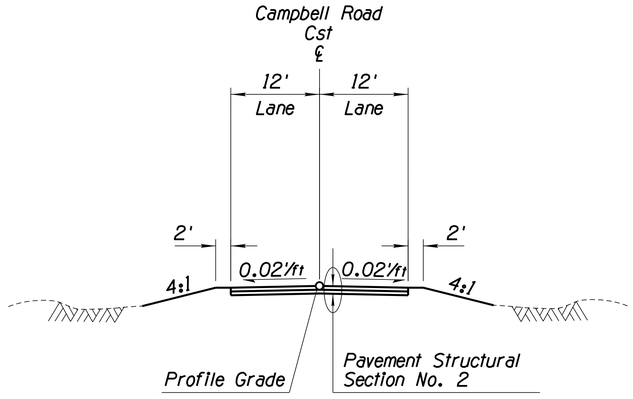


Sta 19+24.88 to 19+76.00

Sta 19+24.88 to 19+76.00

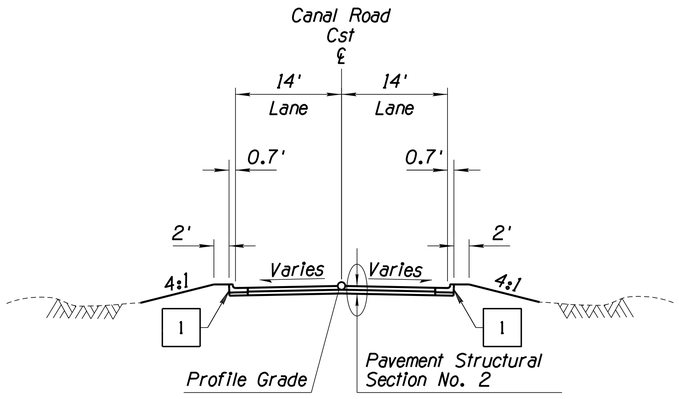
TYPICAL SECTION

Elizabeth Street
Sta 17+84.00 to 19+76.00



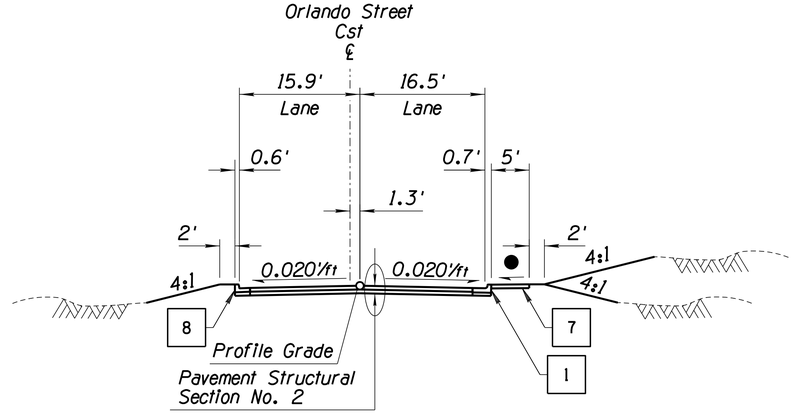
TYPICAL SECTION

Campbell Road
Sta 19+18.00 to 19+60.00



TYPICAL SECTION

Canal Road
Sta 19+38.10 to 19+75.00



TYPICAL SECTION

Orlando Street
Sta 19+39.00 to 19+79.00

● 0.015'/ft

1	New Conc Curb & Gutter, Std C-05.10 Type D H=6"
6	New Conc Curb, Std C-05.10 Type A H=6"
7	New Conc Sidewalk, Std C-05.20
8	New Conc Curb & Gutter, Type A MAG Std 220-1
9	New Graded Earthen Basin, See Basin Details

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Baxter	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

TYPICAL SECTIONS
SIDEROADS

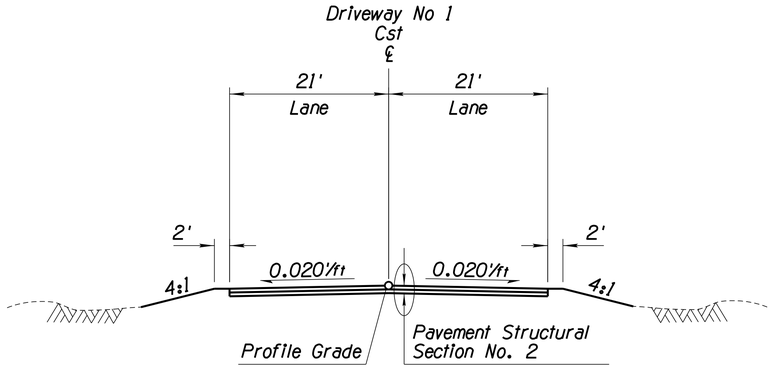
Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-03.06
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

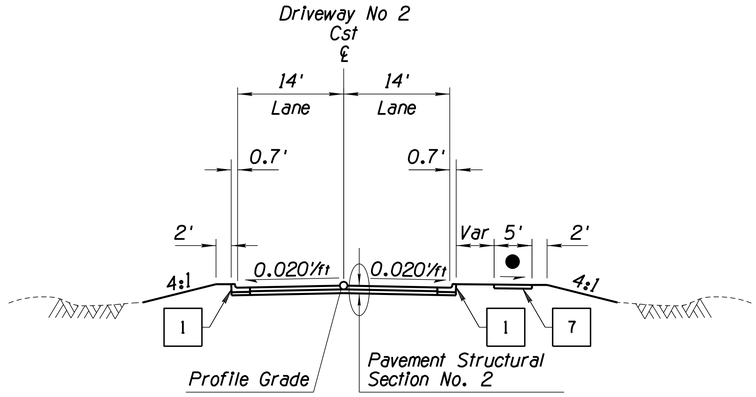
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	10	156	

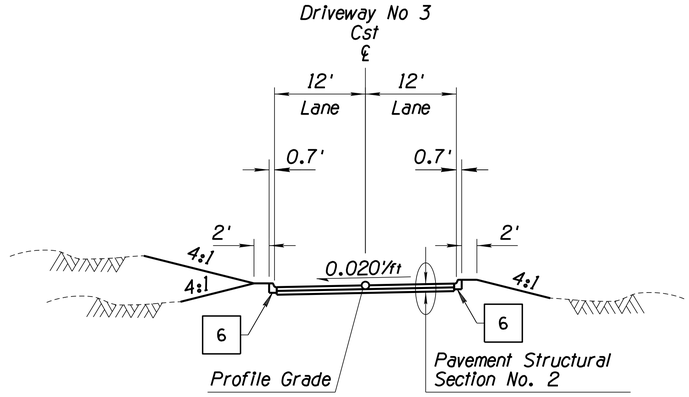
0000 PN FLO



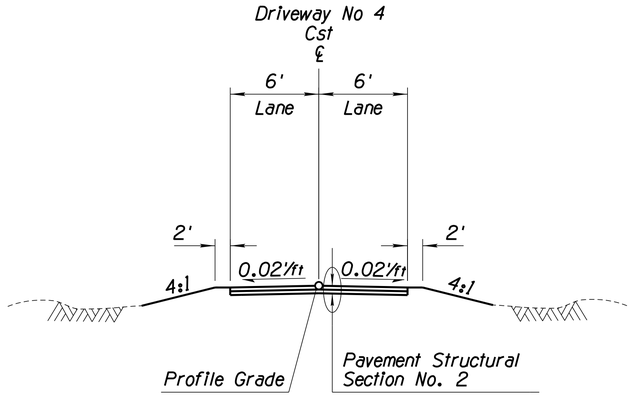
TYPICAL SECTION
Driveway No 1
Sta 20+35.00 to 20+82.00



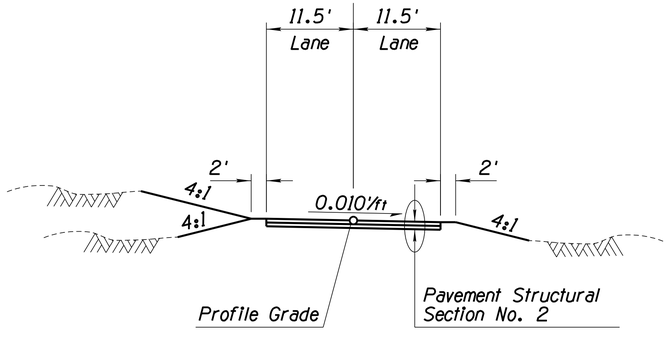
TYPICAL SECTION
Driveway No 2
Sta 18+36.98 to 18+84.00



TYPICAL SECTION
Driveway No 3
Sta 20+24.00 to 21+87.45



TYPICAL SECTION
Driveway No 4
Sta 19+60.00 to 19+74.00



TYPICAL SECTION
Driveway No 7
Sta 19+51.42 to 19+76.00

● *0.015'/ft*

1 *New Conc Curb & Gutter, Std C-05.10 Type D H=6"*

6 *New Conc Curb, Std C-05.10 Type A H=6"*

7 *New Conc Sidewalk, Std C-05.20*

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Baxter	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

TYPICAL SECTIONS
DRIVEWAYS

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Not Valid Unless Signed and Dated Arizona, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-03.07

TRACS NO.			SHEET NO.
SZ041 01C		FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

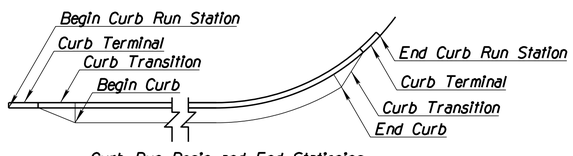
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	11	156	
		0000 PN FLO			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

LOCATION		SINGLE CURB						CURB & GUTTER															VALLEY GUTTER, DRIVEWAY, SIDEWALK & RAMPS																FENCE		
								TRANSITIONS (EA)																																		
Station	XXX Plan Reference Number	Remove Exst Concrete Curb (Lin Ft)	Type 'A' or 'A1'. See Remarks Std C-05.10 (Lin Ft)	Ramp Curb Std C-05.30	Type 'A' MAG Std 222 (Lin Ft)	Type 'B' Modified MAG Std 222 (Lin Ft)	Type 7 Std C-05.12	Type 'E' MAG Std 220-2	Type 'A' MAG Std 221	Detail C	Detail D	Detail E	Remove Exst Concrete Curb & Gutter (Lin Ft)	Type 'C' Std C-05.10 (Lin Ft)	Type 'D' Std C-05.10 (Lin Ft)	Type 'G' Std C-05.10 (Lin Ft)	Type 'A' MAG Std 220-1 (Lin Ft)	Type 'B' MAG Std 220-1 (Lin Ft)	Detail C Utility Access (Lin Ft)	Remove Exst Concrete Sidewalk, Driveway & Slabs (Sq Ft)	Valley Gutter & Apron Std C-05.10 or MAG Std 240 (Sq Ft)	Concrete Sidewalk Std C-05.20 (Sq Ft)	Concrete Sidewalk, 4" Thick MAG Std 230 (Sq Ft)	Concrete Sidewalk, 9" Thick MAG Std 230 (Sq Ft)	Sidewalk Ramp, Type 'A' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'B' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'C' Std C-05.30 (Ea)	Sidewalk Ramp, Special Detail See Remarks (Sq Ft)	Concrete Sidewalk, Exposed Agg Std C-05.20 (Sq Ft)	Concrete Truck Apron Detail A (Sq Ft)	Monolithic Sidewalk/Wall Ramp (Ea)	Median Decorative Paving (Stamped Concrete) (Sq Yd)	Concrete Driveway Std C-05.20 (Sq Ft)	Remove Exst Fence (Lin Ft)	Fence, Chain Link, Type I Std C-12.20, h=72" (Lin Ft)	REMARKS
SR 287 8+66.83, Rt	100																								88														Detail S01
SR 287 8+19.61, Rt	101										X			321																										H=6"
SR 287 10+67.18, Rt	102																								238														Detail S02
SR 287 11+30.89, Rt	103																								238														Detail S02
SR 287 11+20.58, Rt	104										X			199																										H=6"
SR 287 12+67.14, Rt	105																								283														Detail S07
SR 287 12+62.21, Rt	106																							298															
SR 287 8+35.55,	107																																78						See Dwg No. R-02.01
SR 287 8+57.25, Rt	108																								275														Detail S05
SR 287 8+63.28,	109																																154						See Dwg No. R-02.01
SR 287 8+34.84,	110		545																																				Type A H=6"
SR 287 8+72.12, Lt	111																								88														Detail S01
SR 287 7+99.29, Lt	112										X			315																										H=6"
Sheet Total			545								3			835										298		1,210						232							

NOTE:

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



Curb Run Begin and End Stationing
See Note 1

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

Kimley»Horn
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ROADWAY SUMMARY SHEET

Registered Professional Engineer, CERTIFICATE NO. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023, ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-04.01
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

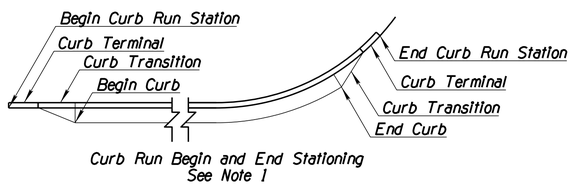
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	12	156	
		0000 PN FLO			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

LOCATION		SINGLE CURB			CURB & GUTTER														VALLEY GUTTER, DRIVEWAY, SIDEWALK & RAMPS									FENCE		
					TRANSITIONS (EA)																								
Station	XXX Plan Reference Number	Remove Exst Concrete Curb (Lin Ft)	Type 'A' or 'A1'. See Remarks Std C-05.10 (Lin Ft)	Ramp Curb Std C-05.30	Type 'A' MAG Std 222 (Lin Ft)	Type 'B' Modified MAG Std 222 (Lin Ft)	Type 7 Std C-05.12	Type 'E' MAG Std 220-2	Type 'A' MAG Std 221	Detail C	Detail D	Detail E	Remove Exst Concrete Curb & Gutter (Lin Ft)	Type 'C' Std C-05.10 (Lin Ft)	Type 'D' Std C-05.10 (Lin Ft)	Type 'G' Std C-05.10 (Lin Ft)	Type 'A' MAG Std 220-1 (Lin Ft)	Type 'B' MAG Std 220-1 (Lin Ft)	Detail C Utility Access (Lin Ft)	Remove Exst Concrete Sidewalk, Driveway & Slabs (Sq Ft)	Valley Gutter & Apron Std C-05.10 or MAG Std 240 (Sq Ft)	Concrete Sidewalk Std C-05.20 (Sq Ft)	Concrete Sidewalk, 4" Thick MAG Std 230 (Sq Ft)	Concrete Sidewalk, 9" Thick MAG Std 230 (Sq Ft)	Sidewalk Ramp, Type 'A' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'B' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'C' Std C-05.30 (Ea)	Sidewalk Ramp, Special Detail See Remarks (Sq Ft)	Concrete Sidewalk, Exposed Agg Std C-05.20 (Sq Ft)	Concrete Truck Apron Detail A (Sq Ft)	Monolithic Sidewalk/Wall Ramp (Ea)	Median Decorative Paving (Stamped Concrete) (Sq Yd)	Concrete Driveway Std C-05.20 (Sq Ft)	Remove Exst Fence (Lin Ft)	Fence, Chain Link, Type I Std C-12.20, h=72" (Lin Ft)	REMARKS
SR 287 10+73.76, Lt	113																								252								Detail S06
SR 287 11+29.48, Lt	114																															12	
SR 287 11+14.99, Lt	115										X X			234																			H=6"
SR 79B 542+47.92, Lt	200																								193								Detail S04
SR 79B 543+05.96, Rt	201																								218								Detail S02
SR 79B 543+47.10, Lt	202										X X			477																			H=6"
SR 79B 543+42.10,	203		344																														Type A H=6"
SR 79B 543+42.81,	204																													123			See Dwg No. R-02.01
SR 79B 544+71.22,	205																								195								Detail S08
SR 79B 544+76.85,	206																													49			See Dwg No. R-02.01
SR 79B 542+98.84, Rt	207										X			258																			H=6"
SR 79B 544+66.56, Lt	208																								88								Detail S01
SR 79B 544+60.17, Rt	209																								89								Detail S01
Sheet Total			344								5			969											1,035				172			12	

NOTE:

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



Curb Run Begin and End Stationing
See Note 1

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

ROADWAY SUMMARY SHEET

ROUTE: SR 287 | LOCATION: SR 287 & SR 79B ROUNDABOUTS

Registered Professional Engineer, CERTIFICATE NO. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023, ARIZONA, U.S.A.

DWG NO. G-04.02

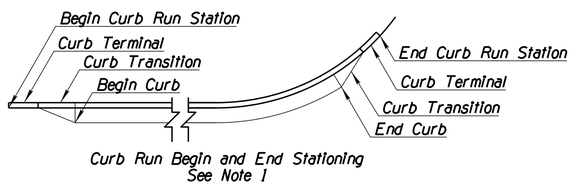
TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	13	156	
		0000 PN FLO			

	LOCATION	SINGLE CURB	CURB & GUTTER														VALLEY GUTTER, DRIVEWAY, SIDEWALK & RAMPS															FENCE	
			TRANSITIONS (EA)																														
Station	XXX Plan Reference Number	Remove Exst Concrete Curb (Lin Ft)	Type 'A' or 'A1'. See Remarks Std C-05.10 (Lin Ft)	Ramp Curb Std C-05.30	Type 'A' MAG Std 222 (Lin Ft)	Type 'B' Modified MAG Std 222 (Lin Ft)	Type 7 Std C-05.12	Type 'E' MAG Std 220-2	Type 'A' MAG Std 221	Detail C	Detail D	Detail E	Remove Exst Concrete Curb & Gutter (Lin Ft)	Type 'C' Std C-05.10 (Lin Ft)	Type 'D' Std C-05.10 (Lin Ft)	Type 'G' Std C-05.10 (Lin Ft)	Type 'A' MAG Std 220-1 (Lin Ft)	Type 'B' MAG Std 220-1 (Lin Ft)	Detail C Utility Access (Lin Ft)	Remove Exst Concrete Sidewalk, Driveway & Slabs (Sq Ft)	Valley Gutter & Apron Std C-05.10 or MAG Std 240 (Sq Ft)	Concrete Sidewalk Std C-05.20 (Sq Ft)	Concrete Sidewalk, 4" Thick MAG Std 230 (Sq Ft)	Concrete Sidewalk, 9" Thick MAG Std 230 (Sq Ft)	Sidewalk Ramp, Type 'A' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'B' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'C' Std C-05.30 (Ea)	Sidewalk Ramp, Special Detail See Remarks (Sq Ft)	Concrete Sidewalk, Exposed Agg Std C-05.20 (Sq Ft)	Concrete Truck Apron Detail A (Sq Ft)	Monolithic Sidewalk/Wall Ramp (Ea)	Median Decorative Paving (Stamped Concrete) (Sq Yd)	Concrete Driveway Std C-05.20 (Sq Ft)	Remove Exst Fence (Lin Ft)	Fence, Chain Link, Type I Std C-12.20, h=72" (Lin Ft)	REMARKS
South RAB 545+14.09,	210														314																		H=3"
South RAB 545+29.81,	211	316																															Type A H=6"
SR 79B 546+35.11,	212	781																															Type A H=6"
SR 79B 546+35.82,	213																													561			See Dwg No. R-02.01
SR 79B 545+85.09, Rt	214													499																			H=6"
SR 79B 549+43.53, Lt	215																									88							Detail S01
SR 79B 549+51.92,	216																									395							Detail S09
SR 79B 549+57.52,	217																													98			See Dwg No. R-02.01
SR 79B 549+38.28, Rt	218																									89							Detail S01
North RAB 550+08.02,	219														415																			H=3"
North RAB 550+23.80,	220	215																															Type A H=6"
SR 79B 547+80.92, Lt	221																									189							Detail S02
SR 79B 548+19.98, Lt	222																									189							Detail S02
Sheet Total		1,312												499	729											950				659			

NOTE:

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



Curb Run Begin and End Stationing
See Note 1

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

ROADWAY SUMMARY SHEET

Registered Professional Engineer, Certificate No. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023, ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-04.03
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

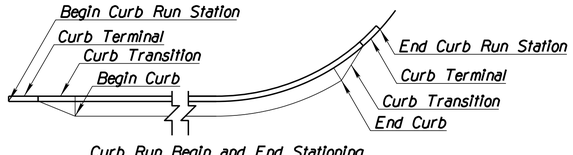
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	14	156	
		0000 PN FLO			

	LOCATION	SINGLE CURB							CURB & GUTTER														VALLEY GUTTER, DRIVEWAY, SIDEWALK & RAMPS																FENCE	
									TRANSITIONS (EA)																																
Station	XXX Plan Reference Number	Remove Exst Concrete Curb (Lin Ft)	Type 'A' or 'A1' See Remarks Std C-05.10 (Lin Ft)	Ramp Curb Std C-05.30	Type 'A' MAG Std 222 (Lin Ft)	Type 'B' Modified MAG Std 222 (Lin Ft)	Type 7 Std C-05.12	Type 'E' MAG Std 220-2	Type 'A' MAG Std 221	Detail C	Detail D	Detail E	Remove Exst Concrete Curb & Gutter (Lin Ft)	Type 'C' Std C-05.10 (Lin Ft)	Type 'D' Std C-05.10 (Lin Ft)	Type 'G' Std C-05.10 (Lin Ft)	Type 'A' MAG Std 220-1 (Lin Ft)	Type 'B' MAG Std 220-1 (Lin Ft)	Detail C Utility Access (Lin Ft)	Remove Exst Concrete Sidewalk, Driveway & Slabs (Sq Ft)	Valley Gutter & Apron Std C-05.10 or MAG Std 240 (Sq Ft)	Concrete Sidewalk Std C-05.20 (Sq Ft)	Concrete Sidewalk, 4" Thick MAG Std 230 (Sq Ft)	Concrete Sidewalk, 9" Thick Std C-05.30 (Sq Ft)	Sidewalk Ramp, Type 'A' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'B' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'C' Std C-05.30 (Ea)	Sidewalk Ramp, Special Detail See Remarks (Sq Ft)	Concrete Sidewalk, Exposed Agg Std C-05.20 (Sq Ft)	Concrete Truck Apron Detail A (Sq Ft)	Monolithic Sidewalk/Wall Ramp (Ea)	Median Decorative Paving (Stamped Concrete) (Sq Yd)	Concrete Driveway Std C-05.20 (Sq Ft)	Remove Exst Fence (Lin Ft)	Fence, Chain Link, Type 1 Std C-12.20, h=72" (Lin Ft)	REMARKS
SR 79B 548+15.96, Lt	223										X				245																									H=6"
SR 79B (Main St) 550+00.79, Rt	300						X								170																									H=6"
SR 79B (Main St) 550+86.83, Rt	301																											88												Detail S01
SR 79B (Main St) 550+40.39,	302																																163							See Dwg No. R-02.01
SR 79B (Main St) 550+76.62, Rt	303																											295												Detail S10
SR 79B (Main St) 550+82.16,	304																																414							See Dwg No. R-02.01
SR 79B (Main St) 550+39.66,	305		974																																					Type A H=6"
SR 79B (Main St) 550+93.65, Lt	306																											89												Detail S01
SR 79B (Main St) 549+58.36, Lt	307										X				580																									H=6"
SR 79B (Main St) 551+49.15, Rt	308										X				412																									H=6"
SR 79B (Main St) 555+09.13, Lt	309																											136												Detail S03
SR 79B (Main St) 554+86.00, Lt	310																					253																		
SR 79B (Main St) 555+09.14, Rt	311																											136												Detail S03
Sheet Total			974				1			2	1			1,407							253						744					577							

NOTE:

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



Curb Run Begin and End Stationing
See Note 1

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

ROADWAY SUMMARY SHEET

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

Registered Professional Engineer, CERTIFICATE NO. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023, ARIZONA, U.S.A.

DWG NO. G-04.04

___ OF ___

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

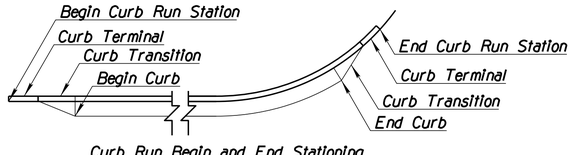
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	15	156	
		0000 PN FLO			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

		LOCATION	SINGLE CURB	CURB & GUTTER														VALLEY GUTTER, DRIVEWAY, SIDEWALK & RAMPS														FENCE		
				TRANSITIONS (EA)																															
Station	XXX Plan Reference Number	Remove Exst Concrete Curb (Lin Ft)	Type 'A' or 'A1' See Remarks Std C-05.10 (Lin Ft)	Ramp Curb Std C-05.30	Type 'A' MAG Std 222 (Lin Ft)	Type 'B' Modified MAG Std 222 (Lin Ft)	Type 7 Std C-05.12	Type 'E' MAG Std 220-2	Type 'A' MAG Std 221	Detail C	Detail D	Detail E	Remove Exst Concrete Curb & Gutter (Lin Ft)	Type 'C' Std C-05.10 (Lin Ft)	Type 'D' Std C-05.10 (Lin Ft)	Type 'G' Std C-05.10 (Lin Ft)	Type 'A' MAG Std 220-1 (Lin Ft)	Type 'B' MAG Std 220-1 (Lin Ft)	Detail C Utility Access (Lin Ft)	Remove Exst Concrete Sidewalk, Driveway & Slabs (Sq Ft)	Valley Gutter & Apron Std C-05.10 or MAG Std 240 (Sq Ft)	Concrete Sidewalk Std C-05.20 (Sq Ft)	Concrete Sidewalk, 4" Thick MAG Std 230 (Sq Ft)	Concrete Sidewalk, 9" Thick MAG Std 230 (Sq Ft)	Sidewalk Ramp, Type 'A' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'B' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'C' Std C-05.30 (Ea)	Sidewalk Ramp, Special Detail See Remarks (Sq Ft)	Concrete Sidewalk, Exposed Agg Std C-05.20 (Sq Ft)	Concrete Truck Apron Detail A (Sq Ft)	Monolithic Sidewalk/Wall Ramp (Ea)	Median Decorative Paving (Stamped Concrete) (Sq Yd)	Concrete Driveway Std C-05.20 (Sq Ft)	Remove Exst Fence (Lin Ft)	Fence, Chain Link, Type 1 Std C-12.20, h=72" (Lin Ft)	REMARKS
SR 79B (Main St) 554+86.00, Rt	312																			253														
Florence Hts Dr 21+05.37, Lt	400																										72							Detail S01
Florence Hts Dr 20+71.71,	401																														40			See Dwg No. R-02.01
Florence Hts Dr 20+98.13,	402																										126							Detail S11
Florence Hts Dr 21+00.21, Rt	403																										88							Detail S01
Florence Hts Dr 21+03.65,	404																														184			See Dwg No. R-02.01
Florence Hts Dr 20+71.00,	405		483																															Type A H=6"
Florence Hts Dr 21+40.79, Lt	406																	107																H=6"
Florence Hts Dr 22+25.59, Lt	407																										211							Detail S02
Florence Hts Dr 20+80.73, Rt	408																	157																H=6"
Florence Hts Dr 22+71.73, Lt	409																										209							Detail S02
Florence Hts Dr 22+65.25, Lt	410										X							348																H=6"
Florence Hts Dr 25+46.87, Lt	411																										303							Detail S12
Sheet Total			483								1							612			253						1,009				224			

NOTE:

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



Curb Run Begin and End Stationing
See Note 1

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

ROADWAY SUMMARY SHEET

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | | FLO-0(201)T

Registered Professional Engineer, Certificate No. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023, ARIZONA, U.S.A.

DWG NO. G-04.05

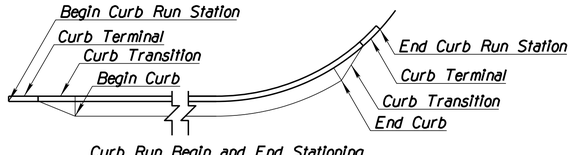
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	16	156	
		0000 PN FLO			

LOCATION		SINGLE CURB						CURB & GUTTER															VALLEY GUTTER, DRIVEWAY, SIDEWALK & RAMPS																FENCE		
								TRANSITIONS (EA)																																		
Station	XXX Plan Reference Number	Remove Exst Concrete Curb (Lin Ft)	Type 'A' or 'A1' See Remarks Std C-05.10 (Lin Ft)	Ramp Curb Std C-05.30	Type 'A' MAG Std 222 (Lin Ft)	Type 'B' Modified MAG Std 222 (Lin Ft)	Type 7 Std C-05.12	Type 'E' MAG Std 220-2	Type 'A' MAG Std 221	Detail C	Detail D	Detail E	Remove Exst Concrete Curb & Gutter (Lin Ft)	Type 'C' Std C-05.10 (Lin Ft)	Type 'D' Std C-05.10 (Lin Ft)	Type 'G' Std C-05.10 (Lin Ft)	Type 'A' MAG Std 220-1 (Lin Ft)	Type 'B' MAG Std 220-1 (Lin Ft)	Detail C Utility Access (Lin Ft)	Remove Exst Concrete Sidewalk, Driveway & Slabs (Sq Ft)	Valley Gutter & Apron Std C-05.10 or MAG Std 240 (Sq Ft)	Concrete Sidewalk Std C-05.20 (Sq Ft)	Concrete Sidewalk, 4" Thick MAG Std 230 (Sq Ft)	Concrete Sidewalk, 9" Thick MAG Std 230 (Sq Ft)	Sidewalk Ramp, Type 'A' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'B' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'C' Std C-05.30 (Ea)	Sidewalk Ramp, Special Detail See Remarks (Sq Ft)	Concrete Sidewalk, Exposed Agg Std C-05.20 (Sq Ft)	Concrete Truck Apron Detail A (Sq Ft)	Monolithic Sidewalk/Wall Ramp (Ea)	Median Decorative Paving (Stamped Concrete) (Sq Yd)	Concrete Driveway Std C-05.20 (Sq Ft)	Remove Exst Fence (Lin Ft)	Fence, Chain Link, Type I Std C-12.20, H=72" (Lin Ft)	REMARKS
Florence Hts Dr 25+46.78, Lt	412																				108																			
Florence Hts Dr 22+73.30, Rt	413													284																											H=6"
Florence Hts Dr 25+93.04, Lt	414																						100																	
Florence Hts Dr 25+86.64, Lt	415													49																											H=6"
Florence Hts Dr 27+35.99, Rt	416																																							Detail S13
Florence Hts Dr 22+24.90, Rt	417																																							Detail S02
Florence Hts Dr 22+75.00, Rt	418																																							Detail S02
Florence Hts Dr 25+52.91, Rt	419																																							Detail S02
Florence Hts Dr 25+95.85, Rt	420																																							Detail S02
Florence Hts Dr 25+94.31, Rt	421													184																											H=6"
Dwy No 2 18+32.32, Lt	500		9																																					Type A H=6"
Dwy No 2 18+36.88, Rt	501		14																																					Type A H=6"
Dwy No 2 18+36.92, Rt	502																																							Detail S01
Sheet Total			23											517								108		100				1,183											

NOTE:

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



Curb Run Begin and End Stationing
See Note 1

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

ROADWAY SUMMARY SHEET

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

Registered Professional Engineer, CERTIFICATE NO. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023, ARIZONA, U.S.A.

DWG NO. G-04.06

___ OF ___

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	17	156	

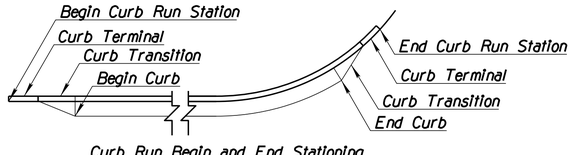
0000 PN FLO

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

LOCATION		SINGLE CURB						CURB & GUTTER													VALLEY GUTTER, DRIVEWAY, SIDEWALK & RAMPS												FENCE		
								TRANSITIONS (EA)																											
Station	XXX Plan Reference Number	Remove Exst Concrete Curb (Lin Ft)	Type 'A' or 'A1' See Remarks Std C-05.10 (Lin Ft)	Ramp Curb Std C-05.30	Type 'A' MAG Std 222 (Lin Ft)	Type 'B' Modified MAG Std 222 (Lin Ft)	Type 7 Std C-05.12	Type 'E' MAG Std 220-2	Type 'A' MAG Std 221	Detail C	Detail D	Detail E	Remove Exst Concrete Curb & Gutter (Lin Ft)	Type 'C' Std C-05.10 (Lin Ft)	Type 'D' Std C-05.10 (Lin Ft)	Type 'G' Std C-05.10 (Lin Ft)	Type 'A' MAG Std 220-1 (Lin Ft)	Type 'B' MAG Std 220-1 (Lin Ft)	Detail C Utility Access (Lin Ft)	Remove Exst Concrete Sidewalk, Driveway & Slabs (Sq Ft)	Valley Gutter & Apron Std C-05.10 or MAG Std 240 (Sq Ft)	Concrete Sidewalk Std C-05.20 (Sq Ft)	Concrete Sidewalk, 4" Thick MAG Std 230 (Sq Ft)	Concrete Sidewalk, 9" Thick Std C-05.30 (Sq Ft)	Sidewalk Ramp, Type 'A' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'B' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'C' Std C-05.30 (Ea)	Sidewalk Ramp, Special Detail See Remarks (Sq Ft)	Concrete Sidewalk, Exposed Agg Std C-05.20 (Sq Ft)	Concrete Truck Apron Detail A (Sq Ft)	Monolithic Sidewalk/Wall Ramp (Ea)	Median Decorative Paving (Stamped Concrete) (Sq Yd)	Concrete Driveway Std C-05.20 (Sq Ft)	Remove Exst Fence (Lin Ft)	Fence, Chain Link, Type 1 Std C-12.20, H=72" (Lin Ft)	REMARKS
Dwy No 2 18+40.63, Rt	503						X							33																				H=6"
Dwy No 2 18+43.74, Rt	504																				170													
Dwy No 2 18+38.99, Lt	505						X							28																				H=6"
Dwy No 2 18+78.03, Rt	506																										148							Detail S02
Dwy No 2 18+78.08, Lt	507																										156							Detail S02
Keating St 20+65.93, Rt	520																										296							Detail S14
Keating St 20+65.93, Lt	521																										377							Detail S15
Keating St 20+77.24, Rt	522		24																															Type A H=6"
Keating St 20+69.42, Lt	523													23																				H=6"
Keating St 20+92.39, Lt	524		17				X																											Type A H=6"
Keating St 21+22.00, Rt	525																										81							Detail S16
Keating St 21+23.55, Lt	526		27																															Type A H=6"
Keating St 21+16.24, Rt	527		41																															Type A H=6"
Sheet Total			109				3							84							170						1,058							

NOTE:

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



Curb Run Begin and End Stationing
See Note 1

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

ROADWAY SUMMARY SHEET

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

Registered Professional Engineer, Certificate No. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023, ARIZONA, U.S.A.

DWG NO. G-04.07

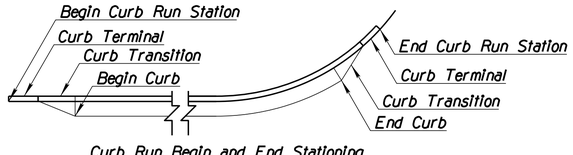
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	18	156	
		0000 PN FLO			

LOCATION		SINGLE CURB						CURB & GUTTER															VALLEY GUTTER, DRIVEWAY, SIDEWALK & RAMPS																FENCE		
								TRANSITIONS (EA)																																		
Station	XXX Plan Reference Number	Remove Exst Concrete Curb (Lin Ft)	Type 'A' or 'A1' See Remarks Std C-05.10 (Lin Ft)	Ramp Curb Std C-05.30	Type 'A' MAG Std 222 (Lin Ft)	Type 'B' Modified MAG Std 222 (Lin Ft)	Type 7 Std C-05.12	Type 'E' MAG Std 220-2	Type 'A' MAG Std 221	Detail C	Detail D	Detail E	Remove Exst Concrete Curb & Gutter (Lin Ft)	Type 'C' Std C-05.10 (Lin Ft)	Type 'D' Std C-05.10 (Lin Ft)	Type 'G' Std C-05.10 (Lin Ft)	Type 'A' MAG Std 220-1 (Lin Ft)	Type 'B' MAG Std 220-1 (Lin Ft)	Detail C Utility Access (Lin Ft)	Remove Exst Concrete Sidewalk, Driveway & Slabs (Sq Ft)	Valley Gutter & Apron Std C-05.10 or MAG Std 240 (Sq Ft)	Concrete Sidewalk Std C-05.20 (Sq Ft)	Concrete Sidewalk, 4" Thick MAG Std 230 (Sq Ft)	Concrete Sidewalk, 9" Thick MAG Std 230 (Sq Ft)	Sidewalk Ramp, Type 'A' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'B' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'C' Std C-05.30 (Ea)	Sidewalk Ramp, Special Detail See Remarks (Sq Ft)	Concrete Sidewalk, Exposed Agg Std C-05.20 (Sq Ft)	Concrete Truck Apron Detail A (Sq Ft)	Monolithic Sidewalk/Wall Ramp (Ea)	Median Decorative Paving (Stamped Concrete) (Sq Yd)	Concrete Driveway Std C-05.20 (Sq Ft)	Remove Exst Fence (Lin Ft)	Fence, Chain Link, Type 1 Std C-12.20, h=72" (Lin Ft)	REMARKS
Keating St 21+28.27, Lt	528																										86												Detail SI7
Keating St 21+36.30, Rt	529																					57																		
Keating St 21+43.22, Lt	530																					23																		
Dwy No 3 20+31.00, Rt	540		189																																				Type A H=6"
Dwy No 3 20+31.00, Lt	541		128																																				Type A H=6"
Elizabeth St 17+84.00, Lt	550													157																									H=6"
Elizabeth St 17+84.00, Rt	551								X					178																									H=6"
Elizabeth St 18+77.31, Lt	552								X													519																		
Elizabeth St 18+66.06, Rt	553																					612																		
Elizabeth St 18+59.92, Lt	554																																				309			
Elizabeth St 18+53.81, Rt	555																																				305			
Elizabeth St 17+84.00, Lt	556																					268																		
Elizabeth St 17+84.00, Rt	557																					241																		
Sheet Total			317						2					335								1,720					86									614			

NOTE:

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



Curb Run Begin and End Stationing
See Note 1

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

ROADWAY SUMMARY SHEET

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

Registered Professional Engineer, CERTIFICATE NO. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023, ARIZONA, U.S.A.

TRACS NO. SZ041 01C | FLO-0(201)T | DWG NO. G-04.08 | ___ OF ___

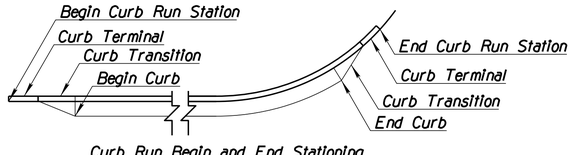
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	19	156	
		0000 PN FLO			

	LOCATION		SINGLE CURB						CURB & GUTTER																VALLEY GUTTER, DRIVEWAY, SIDEWALK & RAMPS																				FENCE		
									TRANSITIONS (EA)																																							
Station	XXX Plan Reference Number	Remove Exst Concrete Curb (Lin Ft)	Type 'A' or 'A1' See Remarks Std C-05.10 (Lin Ft)	Ramp Curb Std C-05.30	Type 'A' MAG Std 222 (Lin Ft)	Type 'B' Modified MAG Std 222 (Lin Ft)	Type 7 Std C-05.12	Type 'E' MAG Std 220-2	Type 'A' MAG Std 221	Detail C	Detial D	Detail E	Remove Exst Concrete Curb & Gutter (Lin Ft)	Type 'C' Std C-05.10 (Lin Ft)	Type 'D' Std C-05.10 (Lin Ft)	Type 'G' Std C-05.10 (Lin Ft)	Type 'A' MAG Std 220-1 (Lin Ft)	Type 'B' MAG Std 220-1 (Lin Ft)	Detail C Utility Access (Lin Ft)	Remove Exst Concrete Sidewalk, Driveway & Slabs (Sq Ft)	Valley Gutter & Apron Std C-05.10 or MAG Std 240 (Sq Ft)	Concrete Sidewalk Std C-05.20 (Sq Ft)	Concrete Sidewalk, 4" Thick MAG Std 230 (Sq Ft)	Concrete Sidewalk, 9" Thick Std C-05.30 (Sq Ft)	Sidewalk Ramp, Type 'A' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'B' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'C' Std C-05.30 (Ea)	Sidewalk Ramp, Special Detail See Remarks (Sq Ft)	Concrete Sidewalk, Exposed Agg Std C-05.20 (Sq Ft)	Concrete Truck Apron Detail A (Sq Ft)	Monolithic Sidewalk/Wall Ramp (Ea)	Median Decorative Paving (Stamped Concrete) (Sq Yd)	Concrete Driveway Std C-05.20 (Sq Ft)	Remove Exst Fence (Lin Ft)	Fence, Chain Link, Type 1 Std C-12.20, h=72" (Lin Ft)	REMARKS
Dwy No 2 18+36.88, Rt	600	30																																										
SR 287 8+38.55, Rt	601																			1,296																								
SR 287 10+52.53, Rt	602	21																																										
SR 287 11+21.61, Rt	603	22																																										
SR 287 11+22.11, Rt	604																			1,183																								
SR 287 11+29.48, Lt	605																																								21		
SR 79B 548+58.37, Rt	610	238																																										
SR 79B 548+04.57, Rt	611											153																																
SR 79B 547+98.84, Rt	612	258																																										
SR 79B 547+86.58, Rt	613	167																																										
SR 79B (Main St) 549+84.98, Rt	620	415																																										
SR 79B (Main St) 548+99.88, Rt	621	139																																										
Keating St 21+21.35, Rt	622											27																																
Sheet Total		1,290										180								2,479																						21		

NOTE:

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



Curb Run Begin and End Stationing
See Note 1

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

ROADWAY SUMMARY SHEET

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

Registered Professional Engineer, Certificate No. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023, ARIZONA, U.S.A.

DWG NO. G-04.09

___ OF ___

DATE: | LOCATION: | REVISIONS: | FINISHED PLANS: | SURVEY NO.

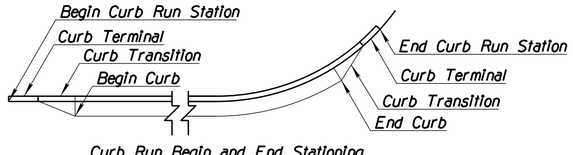
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	20	156	
		0000 PN FLO			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

LOCATION		SINGLE CURB						CURB & GUTTER														VALLEY GUTTER, DRIVEWAY, SIDEWALK & RAMPS																				FENCE		
								TRANSITIONS (EA)																																						
Station	XXX Plan Reference Number	Remove Exst Concrete Curb (Lin Ft)	Type 'A' or 'A1' See Remarks Std C-05.10 (Lin Ft)	Ramp Curb Std C-05.30	Type 'A' MAG Std 222 (Lin Ft)	Type 'B' Modified MAG Std 222 (Lin Ft)	Type 7 Std C-05.12	Type 'E' MAG Std 220-2	Type 'A' MAG Std 221	Detail C	Detial D	Detail E	Remove Exst Concrete Curb & Gutter (Lin Ft)	Type 'C' Std C-05.10 (Lin Ft)	Type 'D' Std C-05.10 (Lin Ft)	Type 'G' Std C-05.10 (Lin Ft)	Type 'A' MAG Std 220-1 (Lin Ft)	Type 'B' MAG Std 220-1 (Lin Ft)	Detail C Utility Access (Lin Ft)	Remove Exst Concrete Sidewalk, Driveway & Slabs (Sq Ft)	Valley Gutter & Apron Std C-05.10 or MAG Std 240 (Sq Ft)	Concrete Sidewalk Std C-05.20 (Sq Ft)	Concrete Sidewalk, 4" Thick MAG Std 230 (Sq Ft)	Concrete Sidewalk, 9" Thick Std C-05.20 (Sq Ft)	Sidewalk Ramp, Type 'A' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'B' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'C' Std C-05.30 (Ea)	Sidewalk Ramp, Special Detail See Remarks (Sq Ft)	Concrete Sidewalk, Exposed Agg Std C-05.20 (Sq Ft)	Concrete Truck Apron Detail A (Sq Ft)	Monolithic Sidewalk/Wall Ramp (Ea)	Median Decorative Paving (Stamped Concrete) (Sq Yd)	Concrete Driveway Std C-05.20 (Sq Ft)	Remove Exst Fence (Lin Ft)	Fence, Chain Link, Type I Std C-12.20, h=72" (Lin Ft)	REMARKS
Keating St 21+17.52, Rt	623																			115																							
Keating St 21+30.99, Lt	624																			90																							
Keating St 21+30.90, Lt	625												17																														
SR 79B (Main St) 551+56.19, Rt	626	298																																									
SR 79B (Main St) 551+55.55, Rt	627																			2,107																							
SR 79B (Main St) 551+73.40, Rt	628	347																																									
SR 79B (Main St) 549+63.21, Lt	629	23																																								
SR 79B (Main St) 549+63.01, Lt	630																			2,743																							
SR 79B (Main St) 549+64.31, Lt	631												952																														
SR 79B (Main St) 551+69.82, Lt	632	239																																								
SR 79B (Main St) 552+92.18, Lt	633	241																																								
SR 79B (Main St) 551+94.17, Lt	634												263																														
Elizabeth St 17+84.00, Rt	640																			126																							
Sheet Total		1,148											1,232							5,181																							

NOTE:

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



Curb Run Begin and End Stationing
See Note 1

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

ROADWAY SUMMARY SHEET

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

Registered Professional Engineer, Certificate No. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023, ARIZONA, U.S.A.

DWG NO. G-04.10

___ OF ___

7:59:01 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\ROADWAY\SZ041_RSUM10.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	21	156	

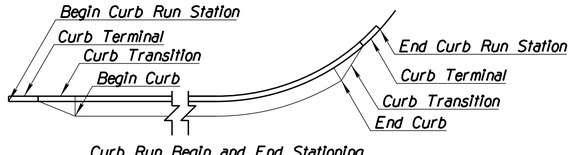
0000 PN FLO

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

LOCATION		SINGLE CURB						CURB & GUTTER														VALLEY GUTTER, DRIVEWAY, SIDEWALK & RAMPS																FENCE		
								TRANSITIONS (EA)																																	
Station	XXX Plan Reference Number	Remove Exst Concrete Curb (Lin Ft)	Type 'A' or 'A1'; See Remarks Std C-05.10 (Lin Ft)	Ramp Curb Std C-05.30	Type 'A' MAG Std 222 (Lin Ft)	Type 'B' Modified MAG Std 222 (Lin Ft)	Type 7 Std C-05.12	Type 'E' MAG Std 220-2	Type 'A' MAG Std 221	Detail C	Detial D	Detail E	Remove Exst Concrete Curb & Gutter (Lin Ft)	Type 'C' Std C-05.10 (Lin Ft)	Type 'D' Std C-05.10 (Lin Ft)	Type 'G' Std C-05.10 (Lin Ft)	Type 'A' MAG Std 220-1 (Lin Ft)	Type 'B' MAG Std 220-1 (Lin Ft)	Detail C Utility Access (Lin Ft)	Remove Exst Concrete Sidewalk, Driveway & Slabs (Sq Ft)	Valley Gutter & Apron Std C-05.10 or MAG Std 240 (Sq Ft)	Concrete Sidewalk Std C-05.20 (Sq Ft)	Concrete Sidewalk, 4" Thick MAG Std 230 (Sq Ft)	Concrete Sidewalk, 9" Thick MAG Std 230 (Sq Ft)	Sidewalk Ramp, Type 'A' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'B' Std C-05.30 (Ea)	Sidewalk Ramp, Type 'C' Std C-05.30 (Ea)	Sidewalk Ramp, Special Detail See Remarks (Sq Ft)	Concrete Sidewalk, Exposed Agg Std C-05.20 (Sq Ft)	Concrete Truck Apron Detail A (Sq Ft)	Monolithic Sidewalk/Wall Ramp (Ea)	Median Decorative Paving (Stamped Concrete) (Sq Yd)	Concrete Driveway Std C-05.20 (Sq Ft)	Remove Exst Fence (Lin Ft)	Fence, Chain Link, Type I Std C-12.20, h=72" (Lin Ft)	REMARKS
Elizabeth St 17+84.00, Rt	641											69																											
Elizabeth St 17+84.00, Lt	642																			141																				
Elizabeth St 17+84.00, Lt	643											77																												
Orlando St 19+39.00, Rt	644																			10																				
Florence Hts Dr 104+93.82, Lt	645											43																												
Florence Hts Dr 105+51.27, Lt	646											48																												
Sheet Total												237								151																				

NOTE:

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



Curb Run Begin and End Stationing
See Note 1

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

ROADWAY SUMMARY SHEET

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

Registered Professional Engineer, Certificate No. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023, ARIZONA, U.S.A.

DWG NO. G-04.11

___ 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:
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.

NRCP NRCIPCP CHDPEPP

CSP - CORRUGATED STEEL PIPE
CAP - CORRUGATED ALUMINUM PIPE
RCP - REINFORCED CONCRETE PIPE
NRCP - NON-REINFORCED CONCRETE PIPE
NRCIPCP - NON-REINFORCED CAST-IN-PLACE CONCRETE PIPE
CHDPEPP - CORRUGATED HIGH-DENSITY POLYETHYLENE PLASTIC PIPE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	22	156	
		0000 PN FLO			

DESCRIPTION | CSP | CAP | RCP | NRCP | NRCIPCP | CHDPEPP | END TREATMENT | QUANTITIES

Station			Plan Reference Number	Controlling Fill Height Range	Size, Corrugated (In.)	Size, Smooth (In.)	Length (0) (Ft.)	Skew (0) (Degree)	Corrugation	Wall Thickness (0.000)	Zinc	Bituminous Coated	Aluminum	Polymeric Coated (See Note 1)	Corrugation	Wall Thickness (0.000)	Uncoated	Bituminous Coated	Class - Non-Trench	Class - Trench	Class	Minimum Wall Thickness (0) (In.)	AASHTO M-294 Type C	AASHTO M-294 Type S	C-13.20 & C-13.25 Detail	End Section (Each)	Size, (In) Manhole	Standard or Detail	Catch Basin, Manhole, Headwall & Junction Structure: S-Single / D-Double (Ea)	Location (Ea)	H (0.0) (Ft.)	L Wing (0.0) (Ft.)	L 18" Slotted Drain (0) (Ft.)	L 24" Slotted Drain (0) (Ft.)	Type (Grate)	Elevation (0.00) (Grate)	Depth (Ft.)	L (0.0) (In.)	Inlet Depression C-15.70 (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
19+43	Campbell Rd	20.0' Rt to	100	1		24	50	88.5 Lt									III	III							1																28	13			INLET
19+45	Campbell Rd	30.0' Lt																							1																				OUTLET
544+55	SR 79B	60.2' Lt to	200	2	24		44		A	0.064	X						II	II	1						1																36	11			INLET
544+89	SR 79B	30.9' Lt																																											CB 200
544+89	SR 79B	30.9' Lt to	201	3	24		213	52.9 Rt	A	0.064	X						II	II	2						1			C-15.20	S		6.6	1-7.5					2	2	241	52			CB 200
546+33	SR 79B	110.7' Rt																																		1528.86								OUTLET
549+79	SR 79B	46.9' Lt to	202	1	24		26		A	0.064	X						II	II	3						1			C-15.20	S		3.5	1-7.5					2	2	11	7			CB 202
549+67	SR 79B	74.3' Lt																							1																				OUTLET
20+88	FHD	24.8' Rt to	400	1	24		102		A	0.064	X						III	III	3									C-15.20	S		4.9	1-7.5			C-15.80	1533.33	2	2	55	25			CB 400
21+90	FHD	18.0' Rt																																											CB 402
21+90	FHD	42.5' Rt to	401	1	24		21		A	0.064	X						III	III	3									C-15.80			2.8								14	6			CB 401
21+90	FHD	18.0' Rt																																											CB 402
21+90	FHD	18.0' Rt to	402	1		24	41										III	III										C-15.20	S		3.7	1-3.5					2	2	27	11			CB 402
21+90	FHD	18.0' Lt																																											CB 403
21+90	FHD	18.0' Lt to	403	1	24		25		A	0.064	X						III	III	3									C-15.20	S		4.1	1-3.5					2	2	18	7			CB 403
21+82	FHD	47.3' Lt																							1																				OUTLET
		Sheet Total					522																		6																430	132			

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.													

CST CL ABBREVIATIONS:
FHD - Florence Heights Drive

NOTES:

1. *Coat the inside and outside of pipe.*
2. *Quantities shown are for new drainage improvements. For new irrigation quantities, see Dwgs. U-01.01 and U-01.02.*

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

NEW PIPE SUMMARY SHEET

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

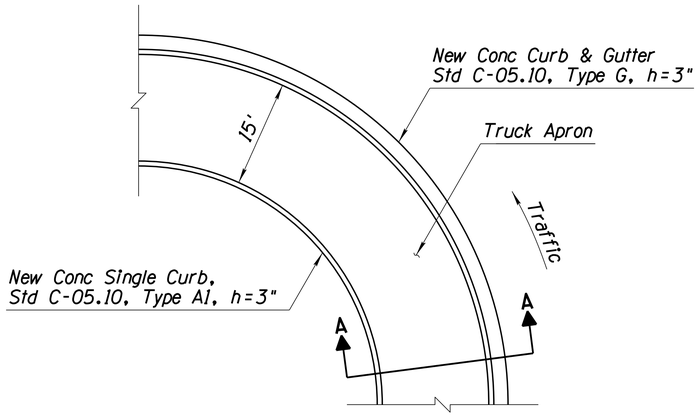
Registered Professional Engineer, Certificate No. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023, ARIZONA, U.S.A.

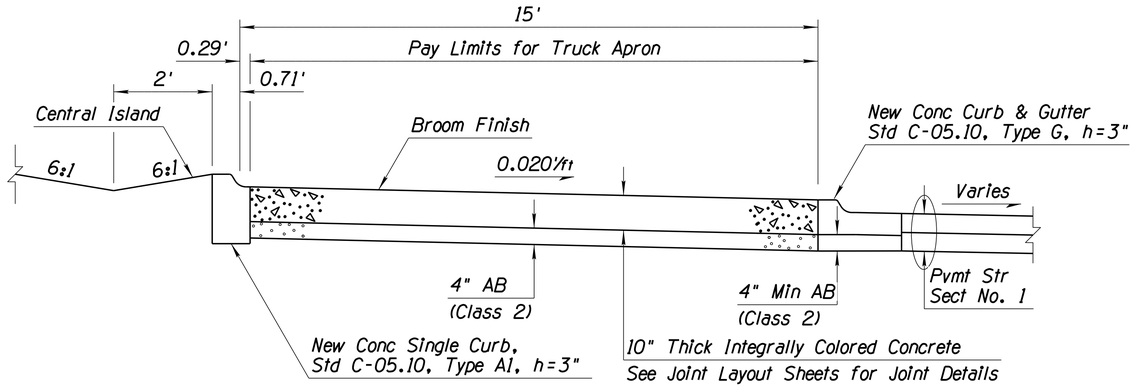
DWG NO. G-05.01

___ OF ___

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	23	156	
		0000 PN FLO			



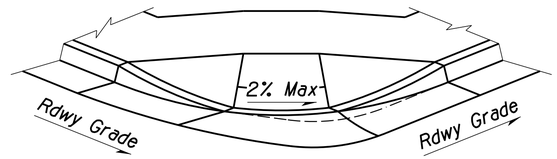


SECTION A-A
NTS

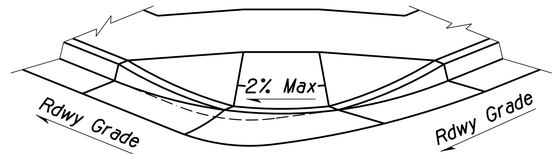
NOTES:

1. See Plans for limits of Roundabout Truck Aprons and Geometric Control.
2. Concrete Curb and Gutter, Std C-05.10, Type G, H=3" is paid under Item No. 9080081.
3. Concrete Single Curb, Std C-05.10, Type A1, H=3" is paid under Item No. 9080041.
4. Aggregate Base (Class 2) is paid under Item No. 3030022.
5. Truck Apron is to be Integrally Colored Concrete.

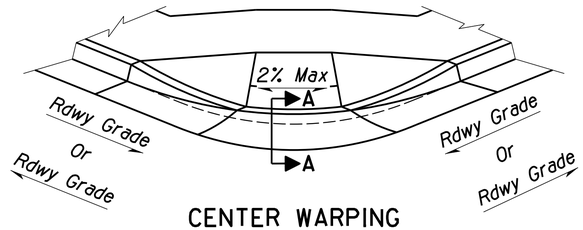
DETAIL A
TRUCK APRON FOR ROUNDABOUT



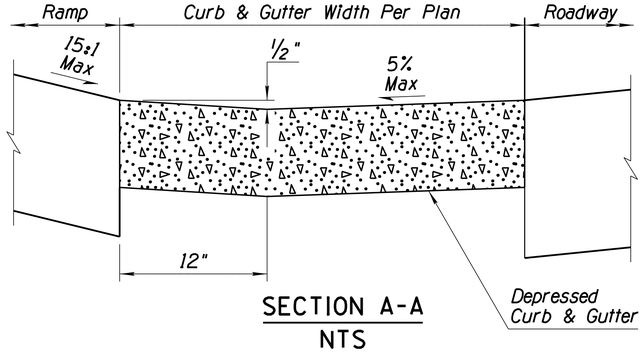
RIGHT WARPING
NTS



LEFT WARPING
NTS



CENTER WARPING
NTS



SECTION A-A
NTS

DETAIL B
GUTTER WARPING

NOTE:

1. ADOT Std C-05.30, Type B sidewalk ramp is shown for reference. Gutter warping shall be applied to all sidewalk ramps (Details S01-S21) as needed to maintain a 2% maximum cross slope.

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

DETAILS A & B
TRUCK APRON AND
GUTTER WARPING

Registered Professional Engineer, CERTIFICATE NO. 47513, ALLEN R. HATHCOCK, Date Signed 07-07-2023, ARIZONA U.S.A.

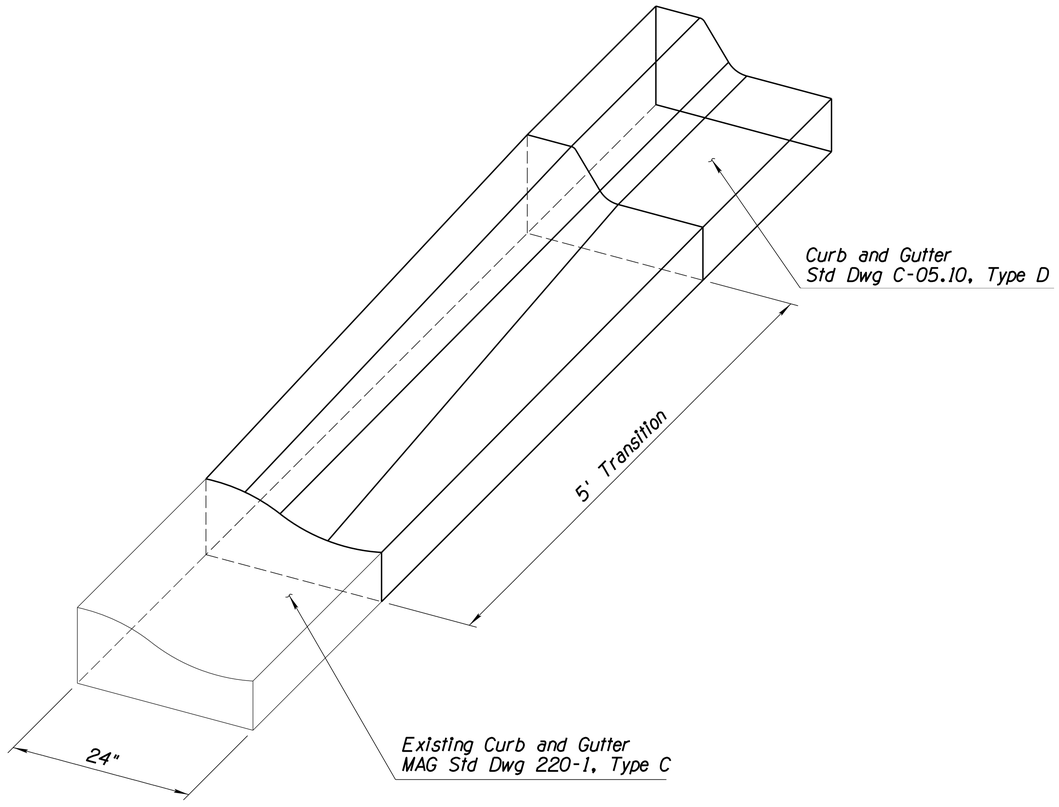
ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. G-06.01

TRACS NO. SZ041 01C | FLO-0(201)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.	FLO-0(201)T	24	156	
		0000 PN FLO			

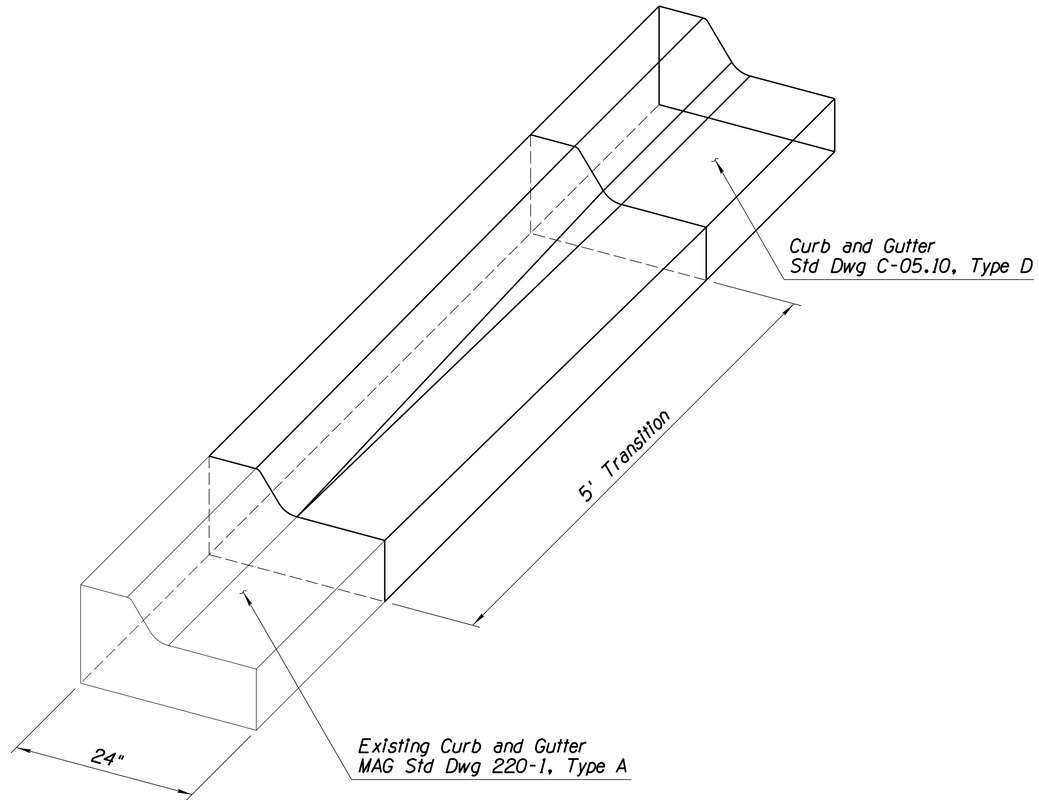


DETAIL C

CURB AND GUTTER TRANSITION

NOTES:

1. For details not shown, see MAG Std Dwg 220-1 and ADOT Std Dwg C-05.12
2. The cost of constructing the curb and gutter transition will not be measured or paid for separately and will be included in the cost of adjacent curb and gutter.



DETAIL D

CURB AND GUTTER TRANSITION

NOTES:

1. For details not shown, see MAG Std Dwg 220-1 and ADOT Std Dwg C-05.12
2. The cost of constructing the curb and gutter transition will not be measured or paid for separately and will be included in the cost of adjacent curb and gutter.

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

DETAILS C & D
CURB AND GUTTER TRANSITION

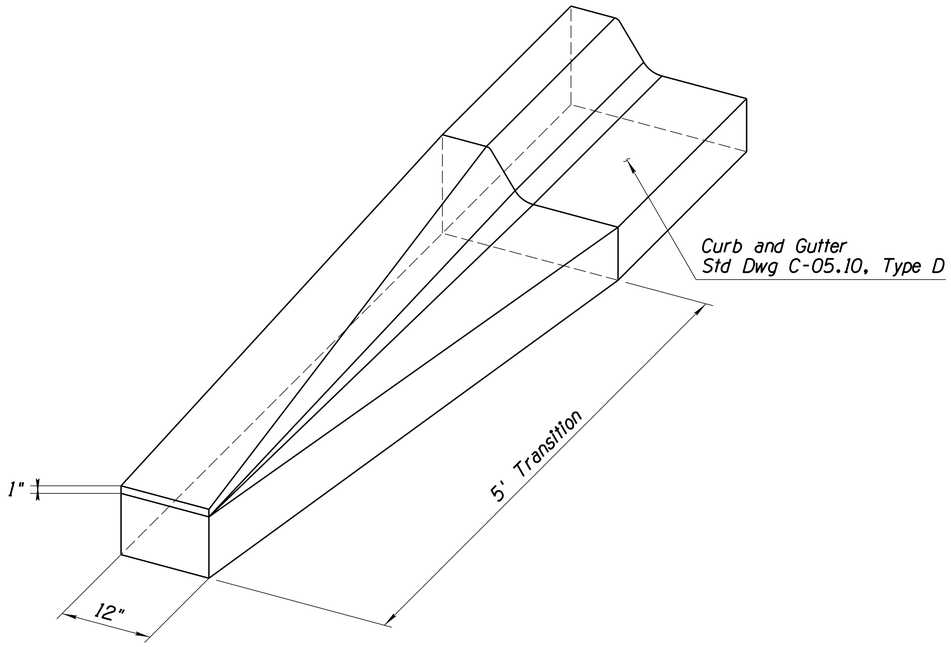
Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK State of ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-06.02
TRACS NO. SZ041 01C	FLO-0(201)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.	FLO-0(201)T	25	156	

0000 PN FLO

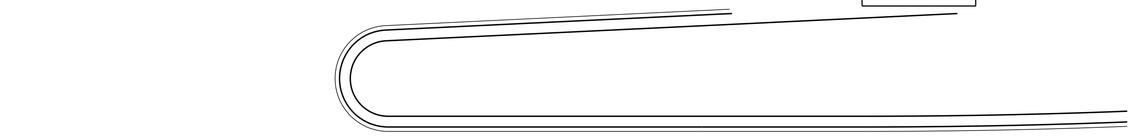


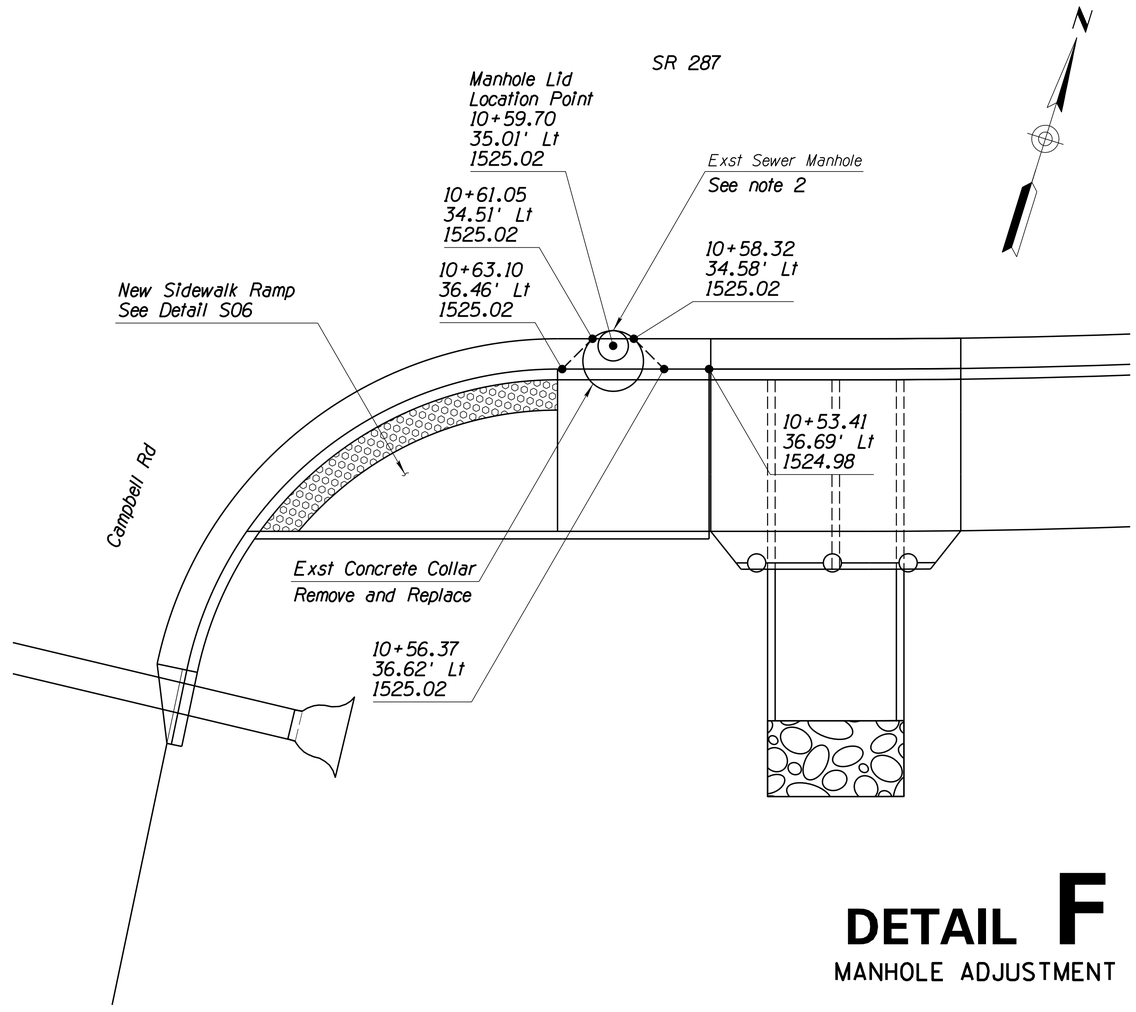
NOTES:

1. For details not shown, see ADOT Std Dwg C-05.12
2. The cost of constructing the curb and gutter transition will not be measured or paid for separately and will be included in the cost of adjacent curb and gutter.

DETAIL E

CURB AND GUTTER TRANSITION





NOTES:

1. Station and offsets reference the SR 287 Cst ℄ unless otherwise noted
2. Remove or replace manhole cone, rotating cone lid within the pavement the furthest distance from the future curb line
3. Manhole Adjustment is paid under Item No. 8091114, Manhole, Sanitary Sewer (Adjust Per Detail F)

DETAIL F

MANHOLE ADJUSTMENT

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

DETAILS E & F
CURB AND GUTTER TRANSITION
AND MANHOLE ADJUSTMENT

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

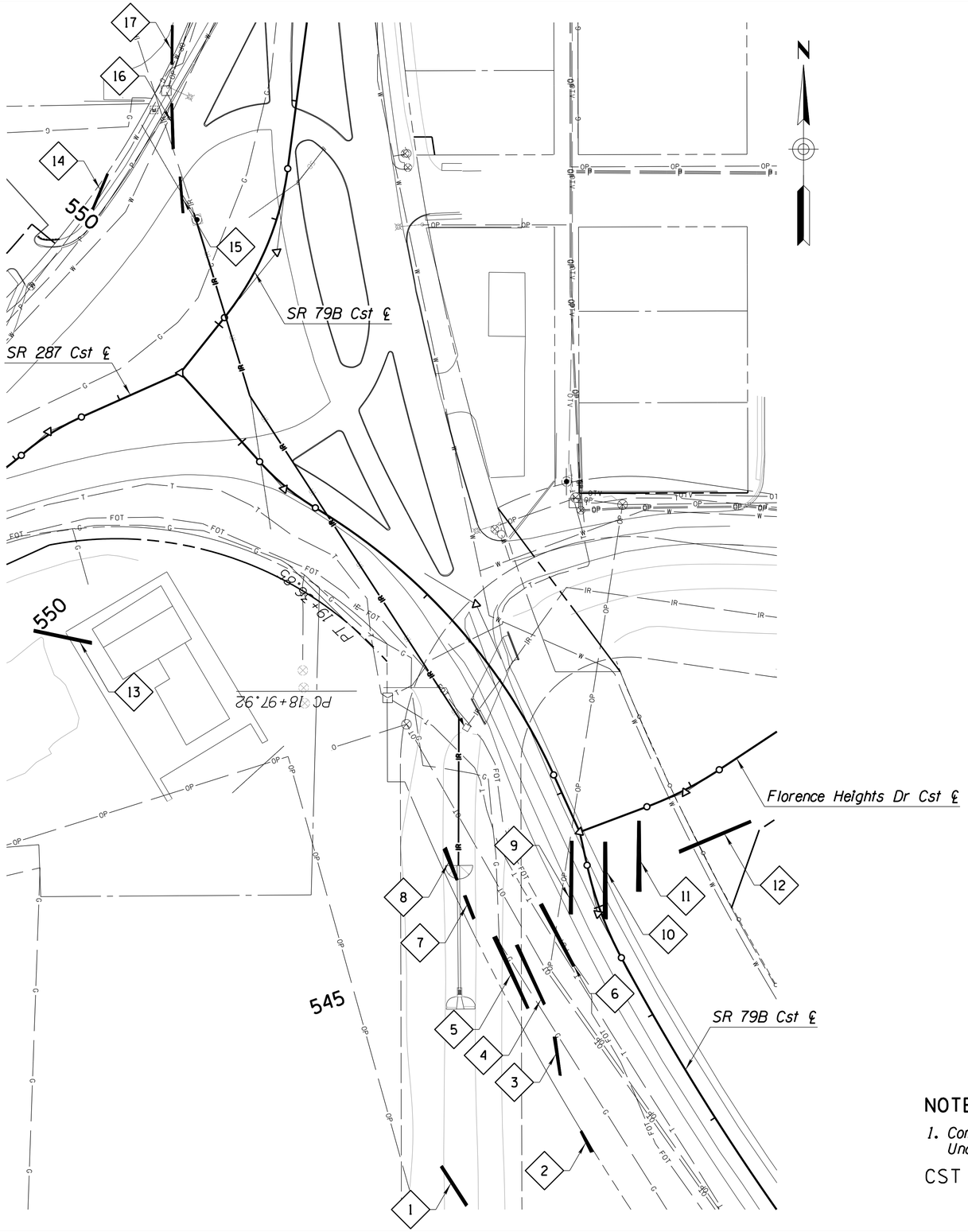
ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. G-06.03

TRACS NO. SZ041 01C | FLO-0(201)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.	FLO-0(201)T	26	156	
		0000 PN FLO			



CULTURAL TRENCH LOCATIONS ◇XX

Plan Ref No.	Description	Begin Station	Begin Offset	End Station	End Offset	Backfill (Cu Yd)
1	SR 79B Cst ℄	543+44.58	213.51' Lt	543+79.71	214.93' Lt	12.05
2	SR 79B Cst ℄	543+29.28	101.59' Lt	543+48.00	100.44' Lt	9.64
3	SR 79B Cst ℄	543+94.31	91.82' Lt	544+23.30	80.10' Lt	12.14
4	SR 79B Cst ℄	544+49.99	74.56' Lt	544+94.23	74.92' Lt	18.59
5	SR 79B Cst ℄	544+53.42	88.21' Lt	545+04.11	89.93' Lt	25.51
6	SR 79B Cst ℄	544+64.79	38.39' Lt	545+15.74	45.18' Lt	23.80
7	SR 79B Cst ℄	545+18.72	101.93' Lt	545+33.99	104.56' Lt	9.25
8	SR 79B Cst ℄	545+47.20	107.96' Lt	545+98.31	107.56' Lt	7.65
9	SR 79B Cst ℄	545+01.87	24.06' Lt	545+58.29	7.96' Lt	22.95
10	SR 79B Cst ℄	544+88.64	1.33' Rt	545+51.50	18.92' Rt	23.46
11	SR 79B Cst ℄	545+01.12	35.37' Rt	545+62.43	50.01' Rt	22.95
12	FHD Cst ℄	20+70.00	44.63' Rt	21+25.54	50.23' Rt	22.10
13	SR 287 Cst ℄	9+26.47	160.45' Lt	9+48.15	128.51' Lt	17.04
14	SR 79B Cst ℄	A 550+11.90	141.49' Lt	A 550+86.66	144.95' Lt	12.75
15	SR 79B Cst ℄	A 550+74.38	74.76' Lt	A 551+15.38	86.75' Lt	12.75
16	SR 79B Cst ℄	A 551+47.30	96.40' Lt	A 551+84.53	102.47' Lt	13.18
17	SR 79B Cst ℄	A 552+16.54	106.51' Lt	A 552+48.90	110.42' Lt	12.75

DETAIL G

CULTURAL TRENCH COMPACTION LOCATIONS

NOTES:

1. Compacted Backfill of Cultural Trenches Is Paid Under Item No. 2030507.

CST CL ABBREVIATIONS:

FHD - Florence Heights Drive

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

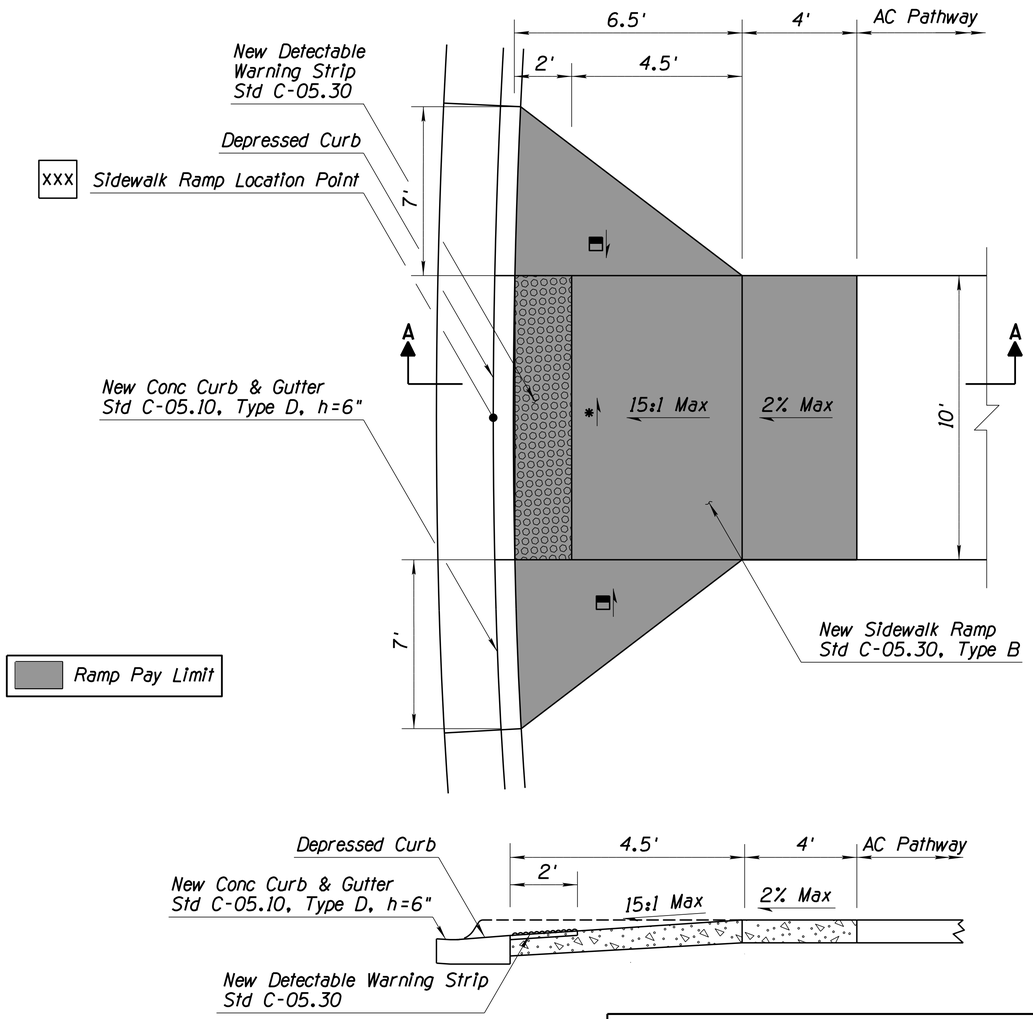
DETAIL G
CULTURAL TRENCH
COMPACTION LOCATIONS

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-06.04
TRACS NO. SZ041 01C	FLO-0(201)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.	FLO-0(201)T	27	156	
		0000 PN FLO			



SECTION A-A
NTS

NOTES:

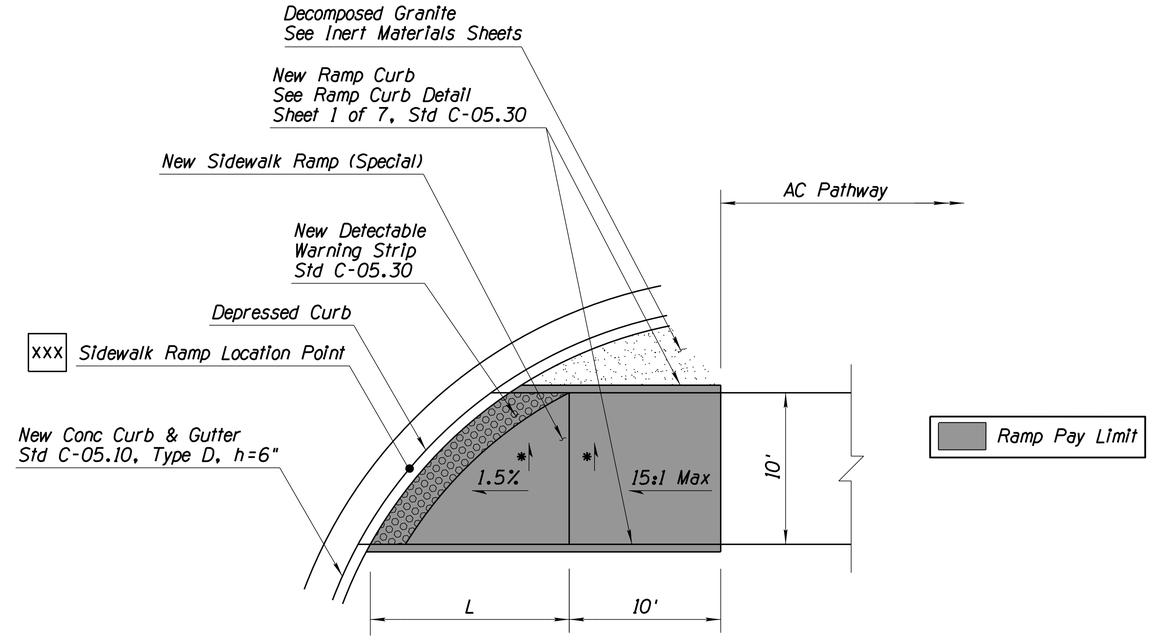
1. The gutter slope shall be warped per Detail B at curb ramp locations.
2. See Std C-05.30 for additional ramp notes and details not shown.
3. See Std C-05.10 for additional curb and gutter notes and details not shown.
4. All radial dimensions are measured from the back of curb.

▭ 10:1 Max
* Ramp cross slope shall not exceed 2.0%

XXX SIDEWALK RAMP LOCATION TABLE

Plan Ref No.	Centerline	Station	Offset
100	SR 287	8+66.83	41.76' Rt
111	SR 287	8+72.12	41.96' Lt
208	SR 79B	544+66.56	24.79' Lt
209	SR 79B	544+60.17	29.86' Rt
216	SR 79B	549+43.53	30.98' Lt
219	SR 79B	549+38.28	49.47' Rt
301	SR 79B	550+86.83	45.27' Rt
306	SR 79B	550+93.65	43.66' Lt
400	FHD	21+05.37	25.75' Lt
403	FHD	21+00.21	23.14' Rt

DETAIL S01



XXX SIDEWALK RAMP LOCATION TABLE

Plan Ref No.	Centerline	Station	Offset	L
102	SR 287	10+68.12	44.05' Rt	17.00'
103	SR 287	11+29.98	42.58' Rt	17.00'
201	SR 79B	543+05.96	26.90' Rt	14.45'
225	SR 79B (CANAL RD)	19+65.23	19.71' Rt	10.32'
226	SR 79B (CANAL RD)	19+64.05	20.78' Lt	10.32'
407	FHD	22+25.98	30.79' Lt	13.13'
409	FHD	22+71.35	30.71' Lt	12.87'
417	Dwy No 5	20+30.99	25.90' Rt	13.16'
418	Dwy No 5	20+31.79	26.81' Rt	13.44'
506	Dwy No 2	18+77.94	14.59' Rt	5.42'
507	Dwy No 2	18+77.94	15.27' Lt	5.42'

DETAIL S02

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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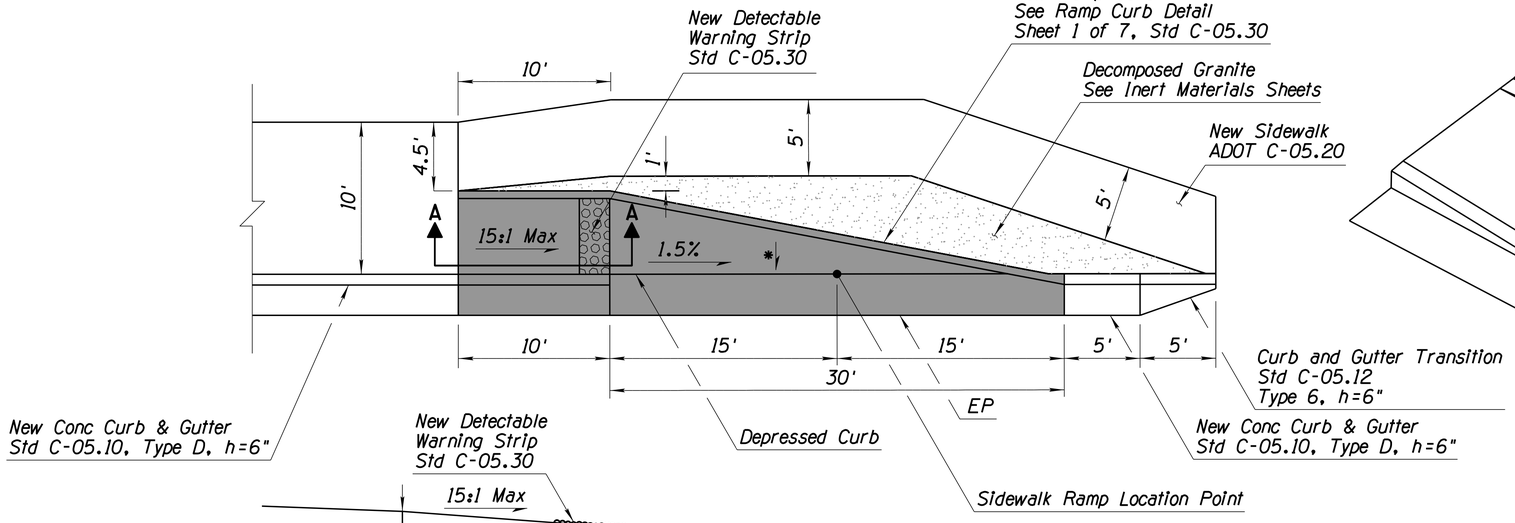
DETAILS S01 & S02
SIDEWALK RAMPS

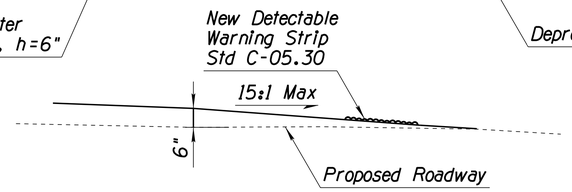
Registered Professional Engineer, Civil
Certificate No.
47513
ALLEN R. HATHCOCK
Date Signed 07/31/2023
ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-06.05
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

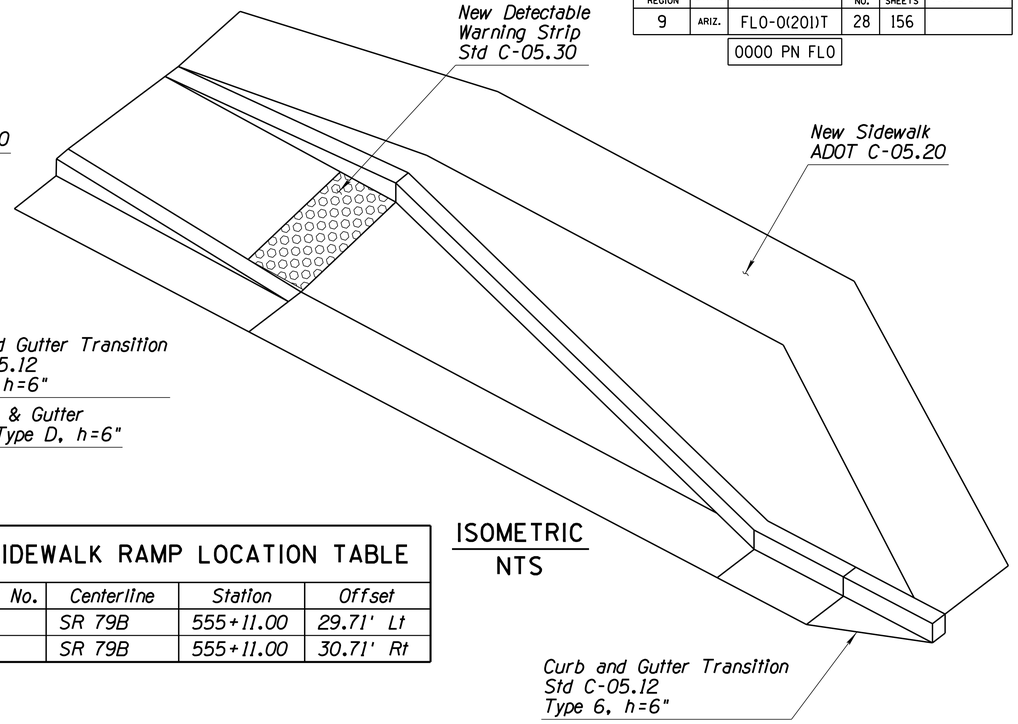
SURVEY NO. | DATE | LOCATION | REVISIONS | FINISHED PLANS | SURVEY NO. | DATE | LOCATION | REVISIONS | FINISHED PLANS

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	28	156	
		0000 PN FLO			





SECTION A-A
NTS

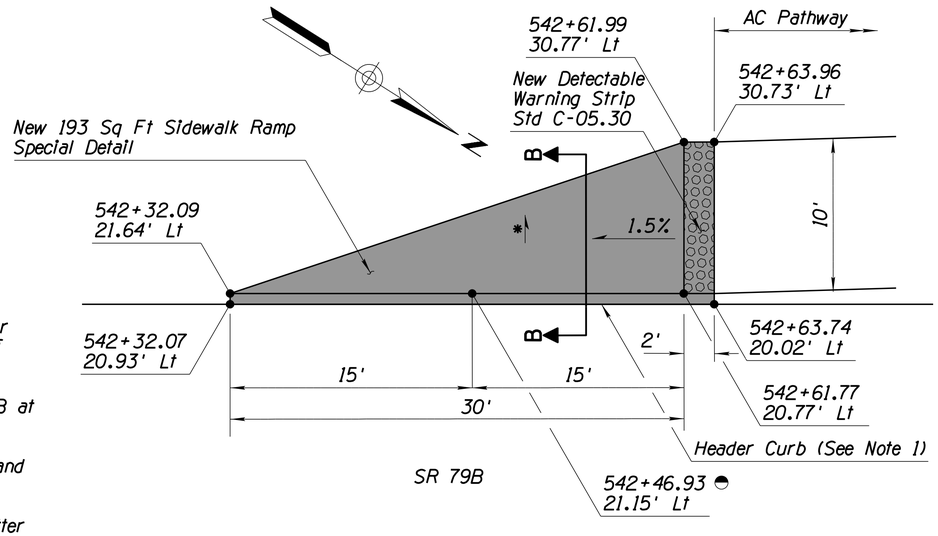


ISOMETRIC
NTS

DETAIL S03

XXX SIDEWALK RAMP LOCATION TABLE			
Plan Ref No.	Centerline	Station	Offset
309	SR 79B	555+11.00	29.71' Lt
311	SR 79B	555+11.00	30.71' Rt

Ramp Pay Limit

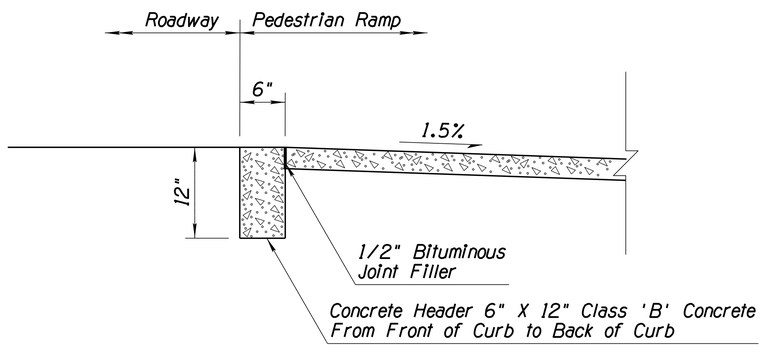


Ramp Control Point
Ramp Pay Limit

NOTES:

1. Header curb will not be measured or paid for separately and will be included in the cost of adjacent pedestrian ramp.
2. The gutter slope shall be warped per Detail B at curb ramp locations.
3. See Std C-05.30 for additional ramp notes and details not shown.
4. See Std C-05.10 for additional curb and gutter notes nand details not shown.
5. Station and offsets reference the SR 79B Cst ℄ unless otherwise noted
6. All radial dimensions are measured from the back of curb.

* Ramp cross slope shall not exceed 2.0%



SECTION B-B
NTS

DETAIL S04

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

DETAILS S03 & S04
SIDEWALK RAMPS

Registered Professional Engineer (Civil) Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. G-06.06

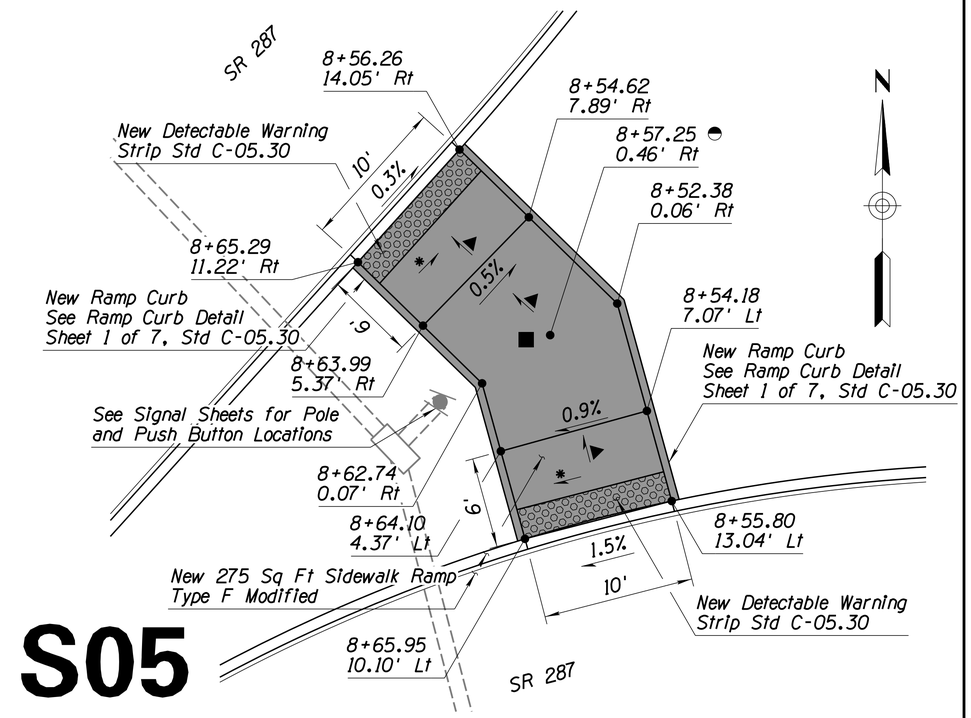
TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

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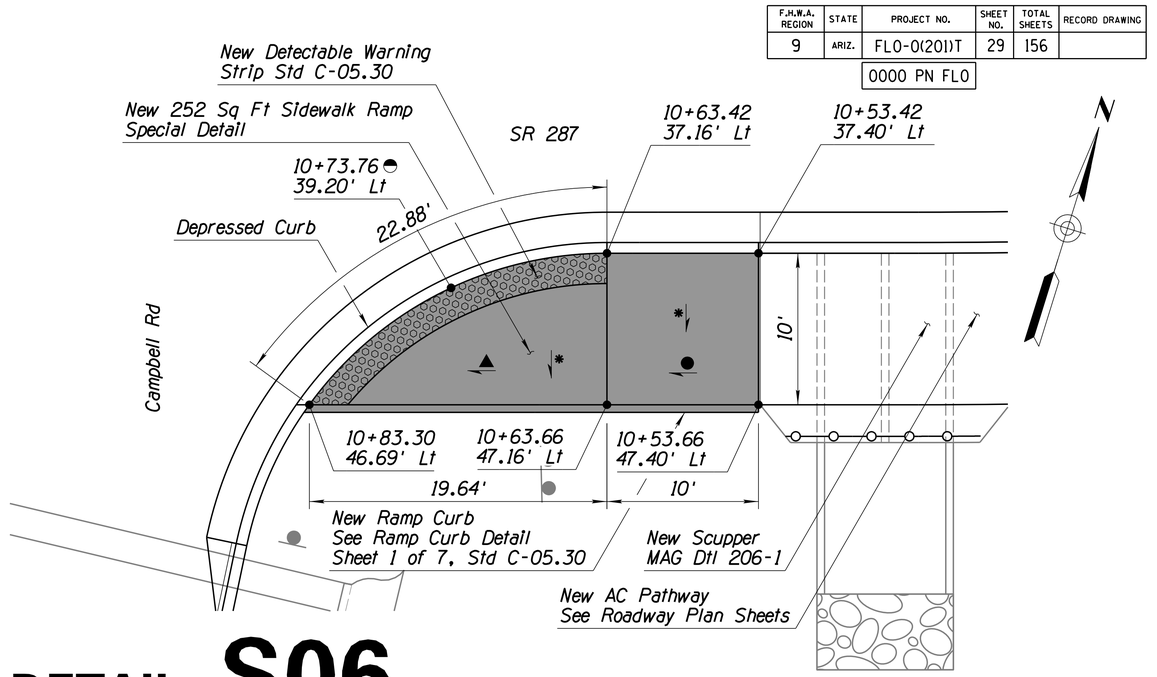
DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	29	156	

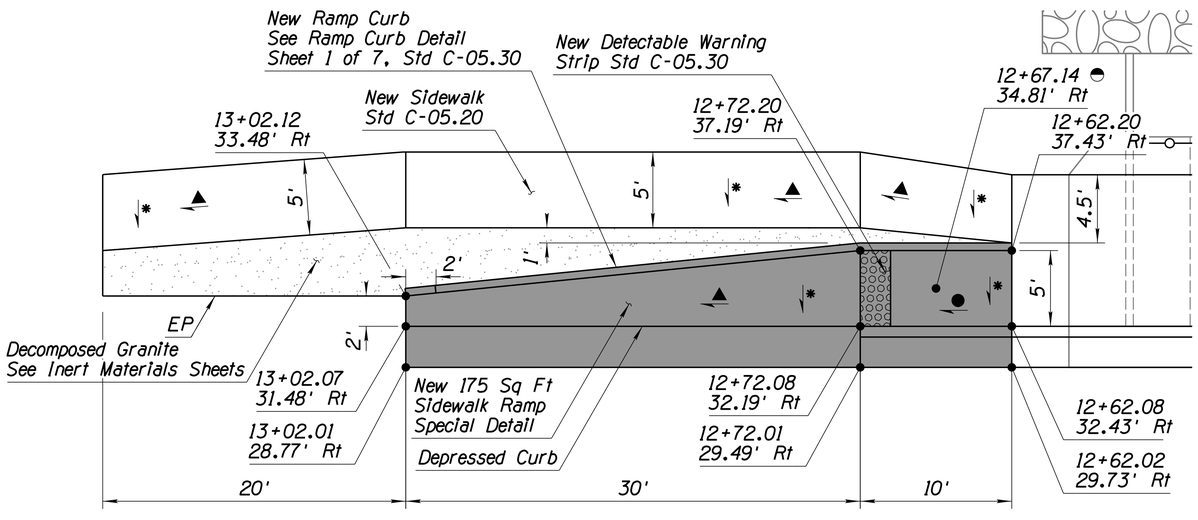
0000 PN FLO



DETAIL S05

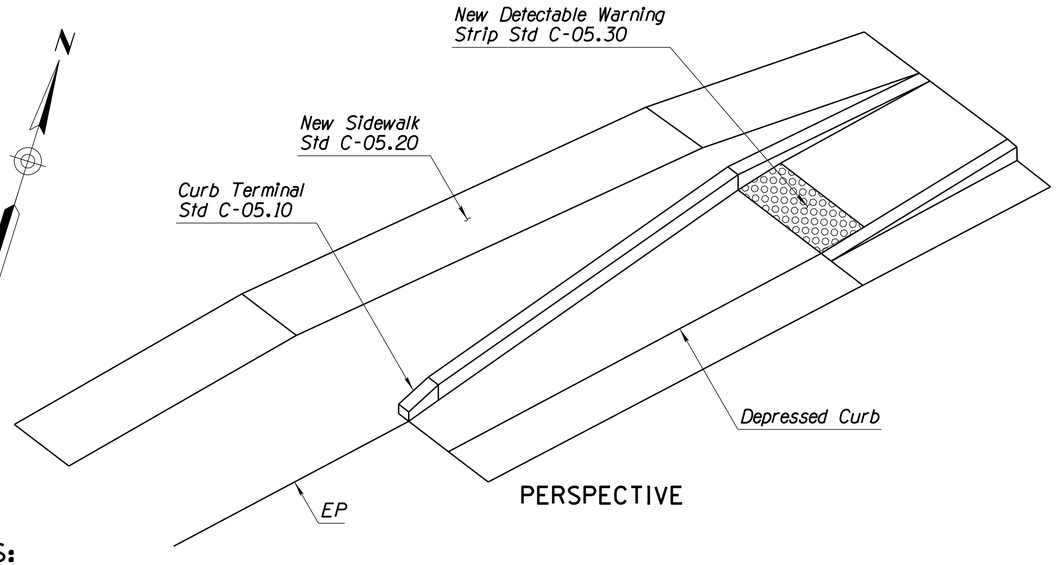


DETAIL S06



SR 287

DETAIL S07



PERSPECTIVE

LEGEND:

- Ramp Control Point
- Ramp Pay Limit
- Ramp Slope 15:1 max
- 2% Max Slope
- Sidewalk cross slope shall not exceed 2.0%
- Warp 2.0% max all directions

NOTES:

1. Station and offsets reference the SR 287 Cst ℄ unless otherwise noted
2. All radial dimensions are measured from the back of curb.

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

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DETAILS S05-S07
SIDEWALK RAMPS

Registered Professional Engineer (Civil) Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

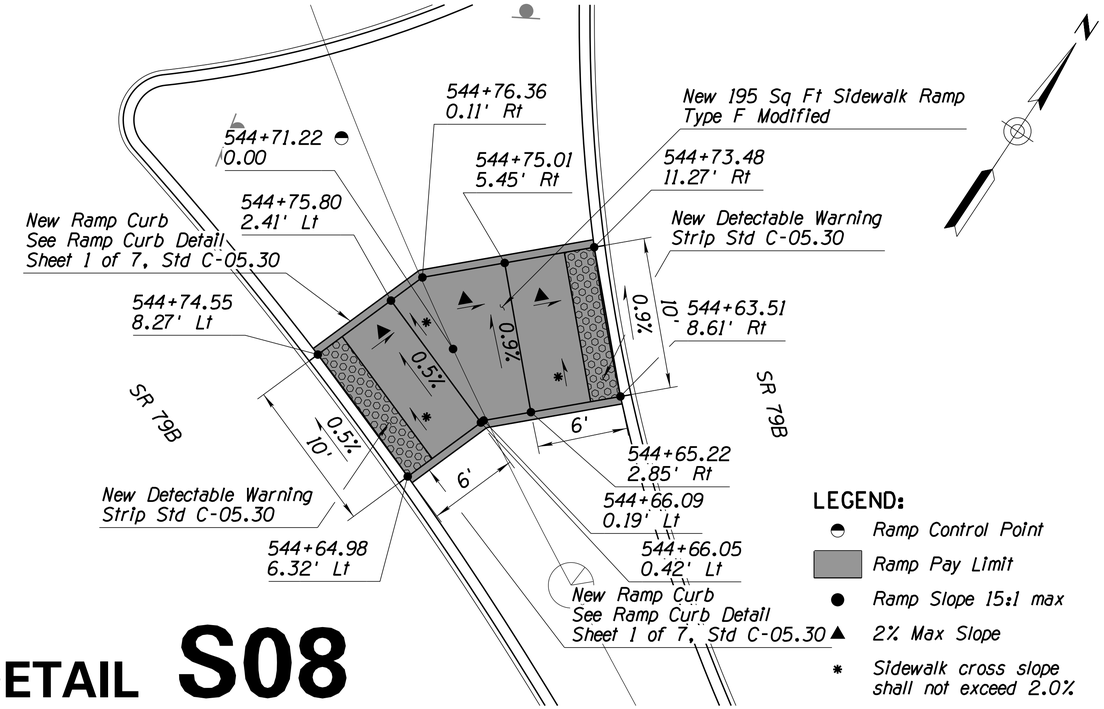
DWG NO. G-06.07

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

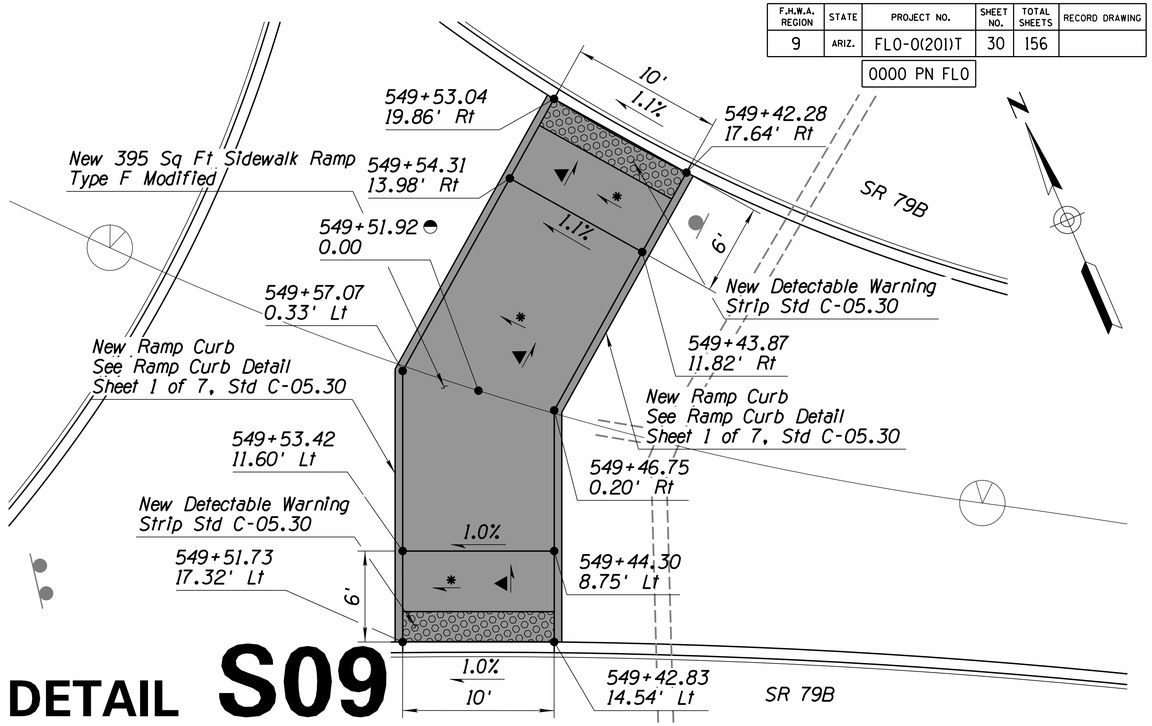
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	30	156	

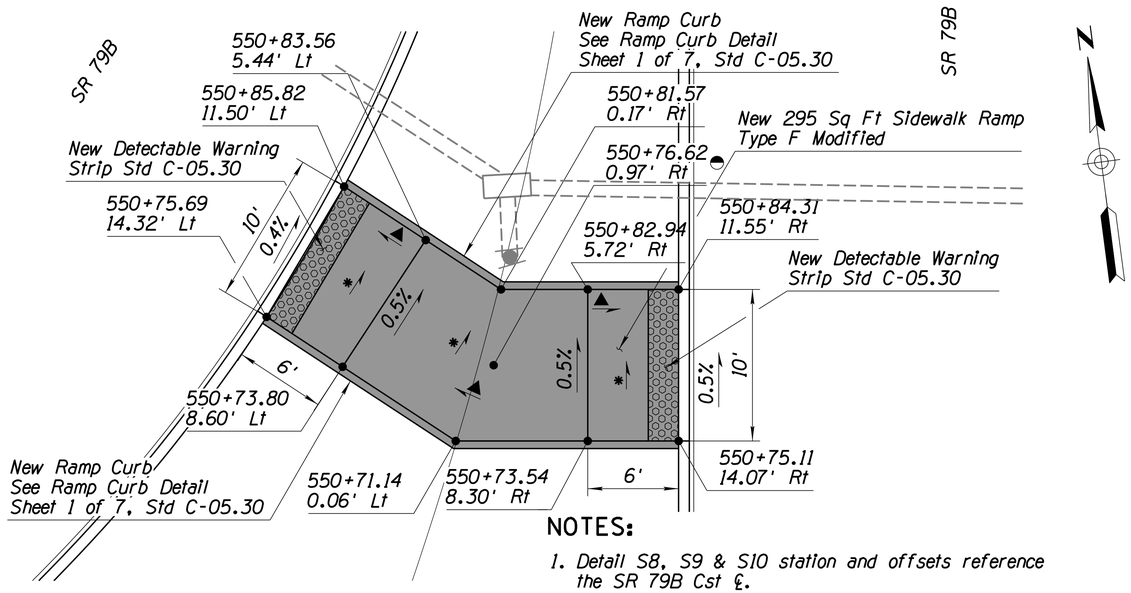
0000 PN FLO



DETAIL S08



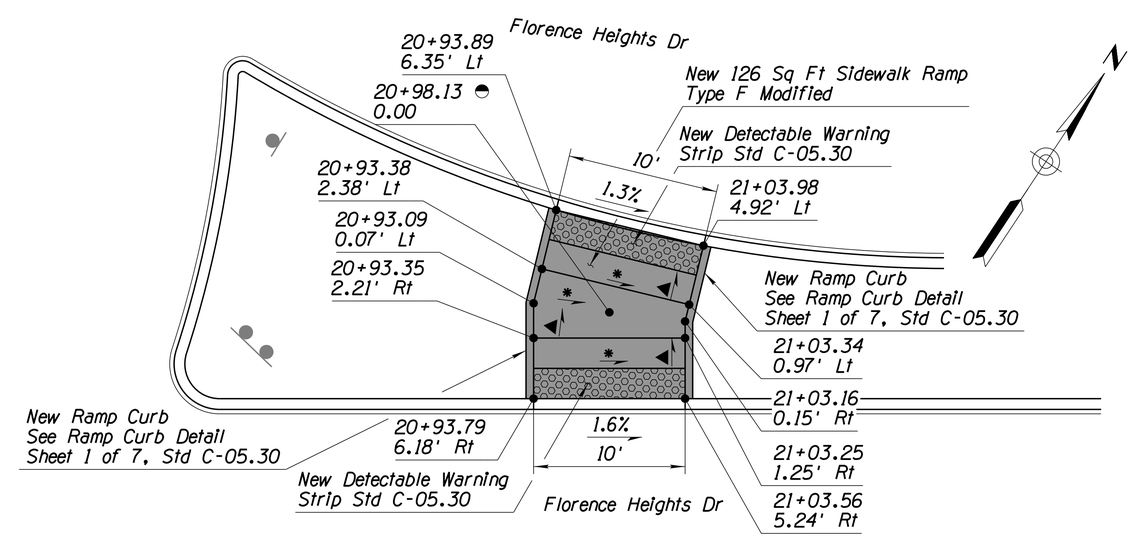
DETAIL S09



NOTES:

1. Detail S8, S9 & S10 station and offsets reference the SR 79B Cst ℄.
2. Detail S11 station and offsets reference the Florence Heights Dr Cst ℄.
3. All radial dimensions are measured from the back of curb.

DETAIL S10



DETAIL S11

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
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DETAILS S08-S11
SIDEWALK RAMPS

Registered Professional Engineer (Civil) Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

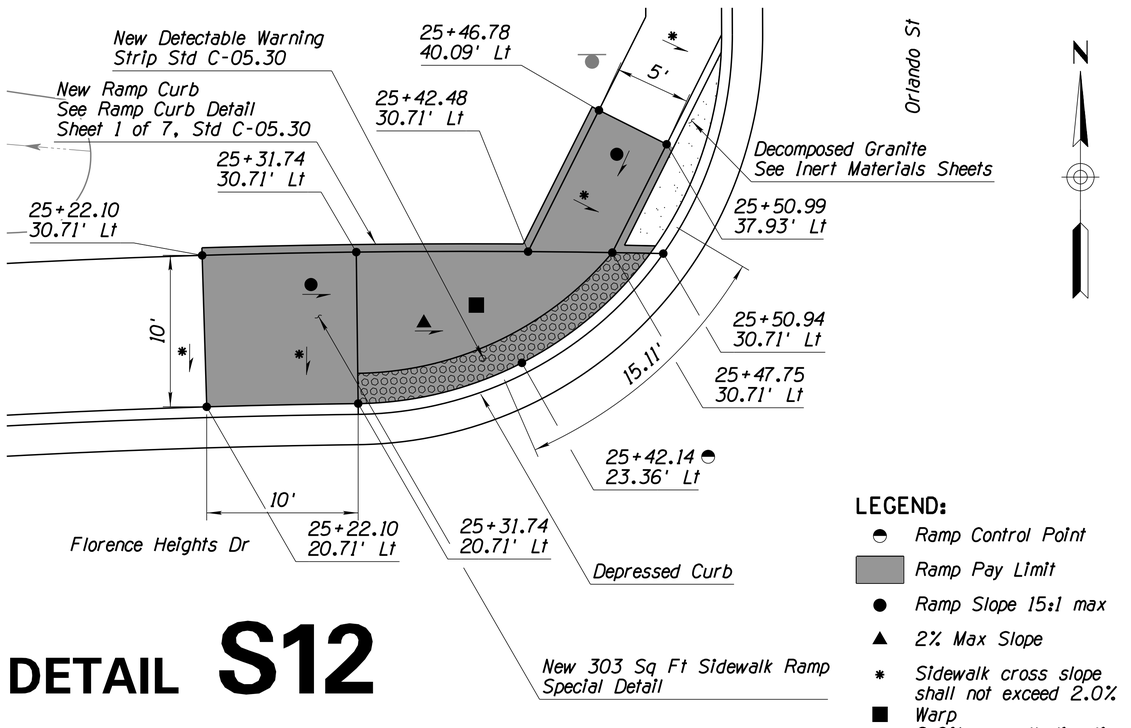
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-06.08
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

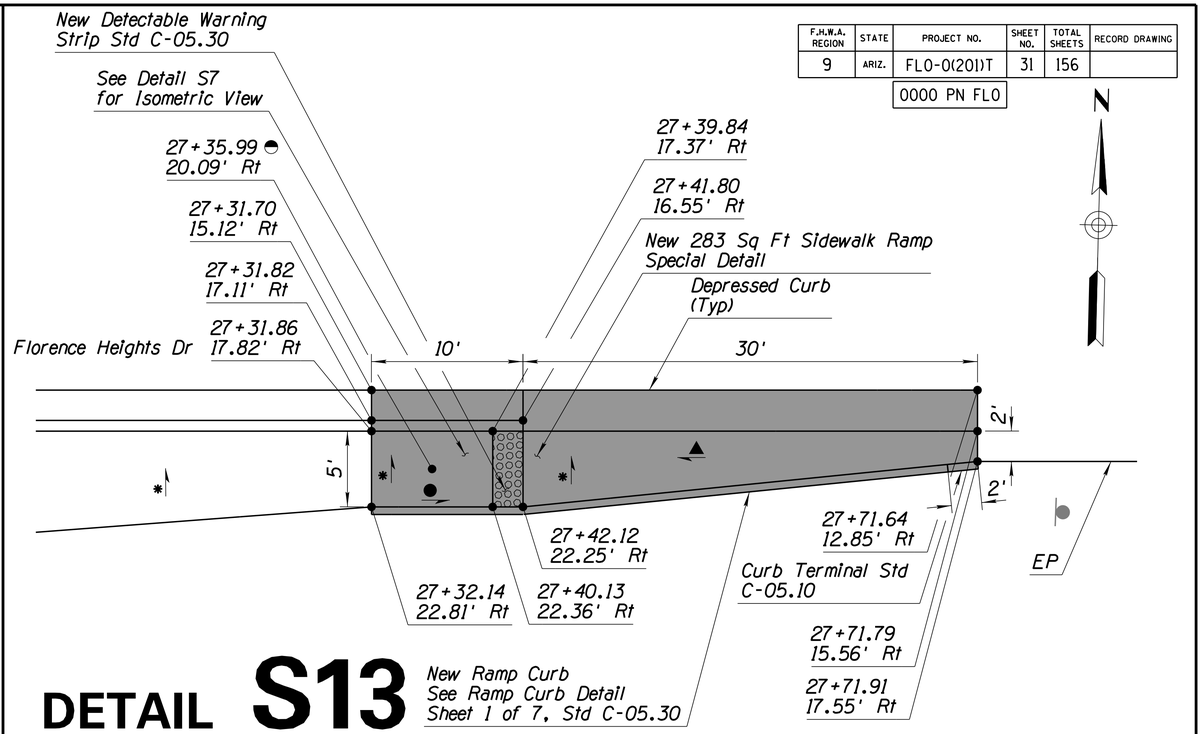
7:59:52 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\ROADWAY\SZ041_DTL_S08-11.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	31	156	
		0000 PN FLO			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

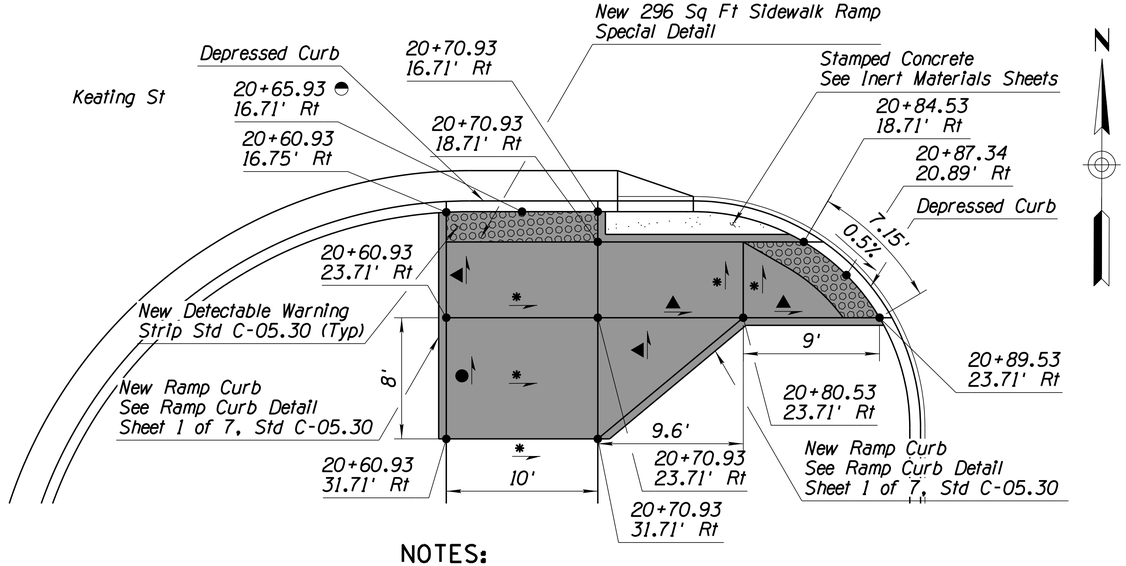


DETAIL S12



DETAIL S13

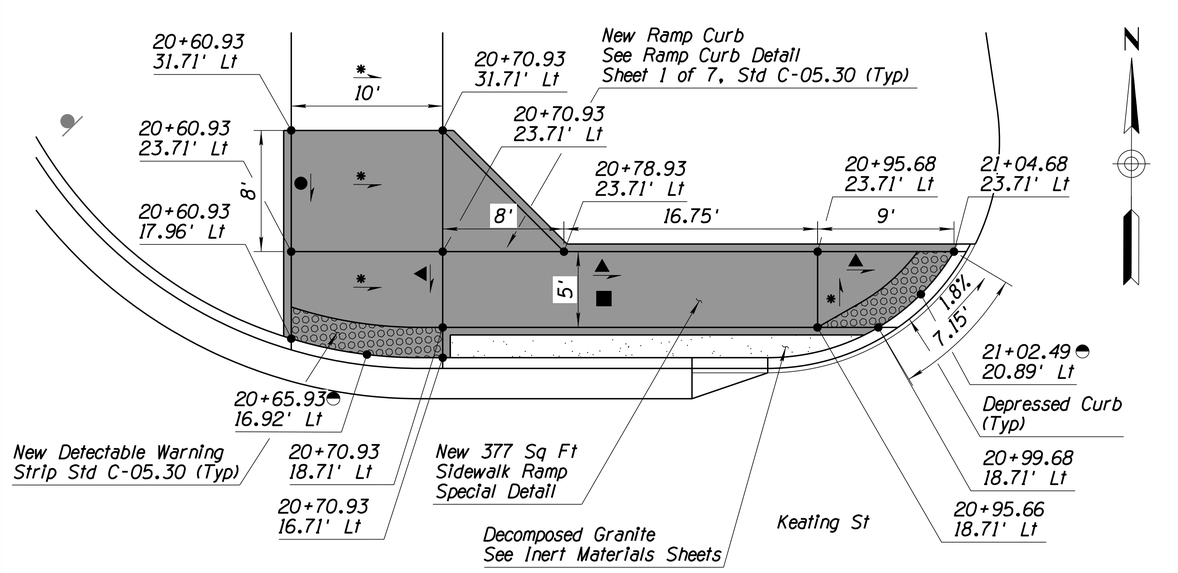
New Ramp Curb
See Ramp Curb Detail
Sheet 1 of 7, Std C-05.30



DETAIL S14

NOTES:

1. Detail S12 & S13 station and offsets reference the Florence Heights Dr Cst ℄.
2. Detail S14 & S15 station and offsets reference the Keating St Cst ℄.
3. All radial dimensions are measured from the back of curb.



DETAIL S15

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

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DETAILS S12-S15
SIDEWALK RAMPS

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

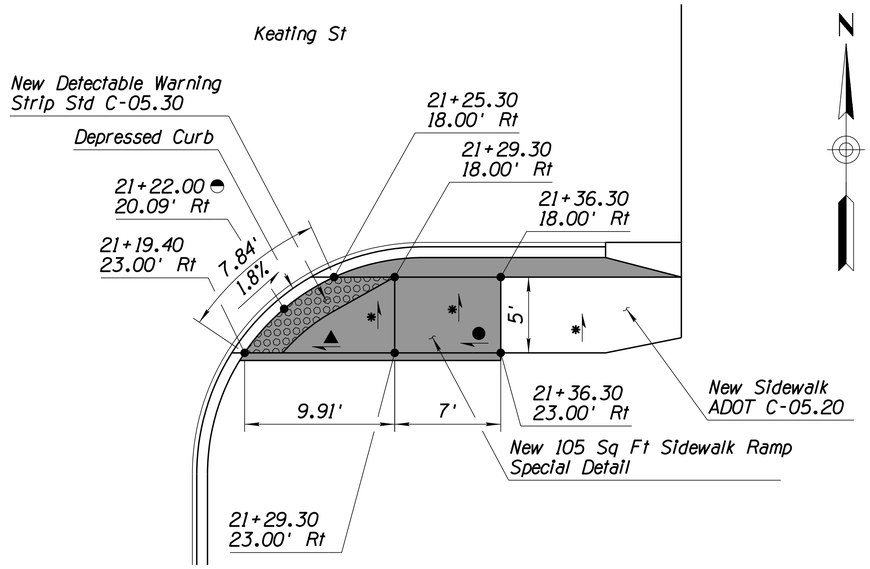
TRACS NO. SZ041 01C | FLO-0(201)T

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

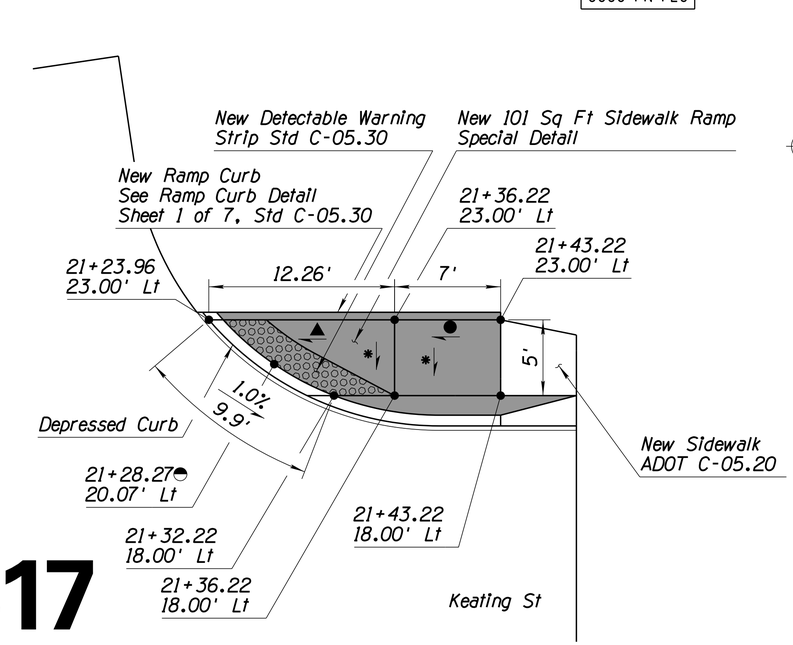
DWG NO. G-06.09

___ OF ___

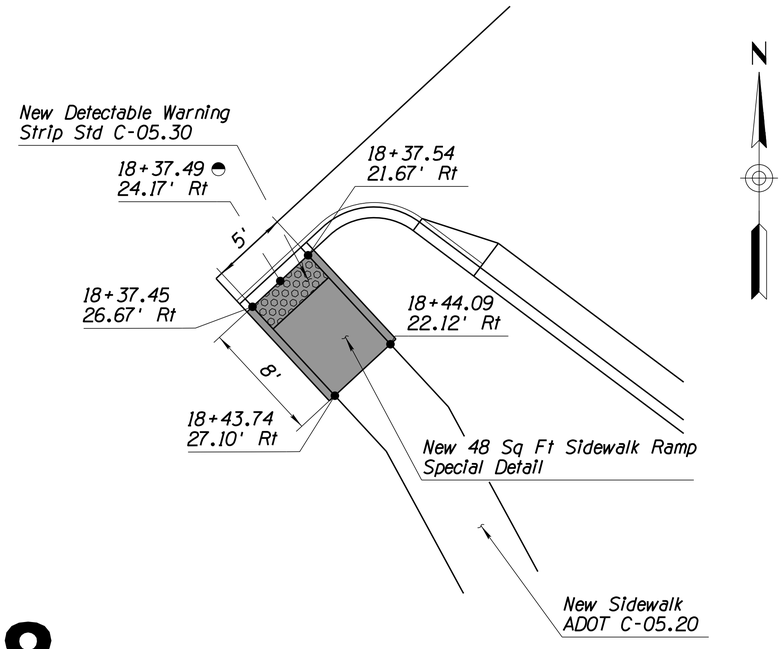
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	32	156	
0000 PN FLO					



DETAIL S16



DETAIL S17



DETAIL S18

NOTES:

1. Station and offsets reference the Keating St Cst ℄ unless otherwise noted
2. All radial dimensions are measured from the back of curb.

LEGEND:

- Ramp Control Point
- Ramp Pay Limit
- Ramp Slope 15:1 max
- 2% Max Slope
- Sidewalk cross slope shall not exceed 2.0%

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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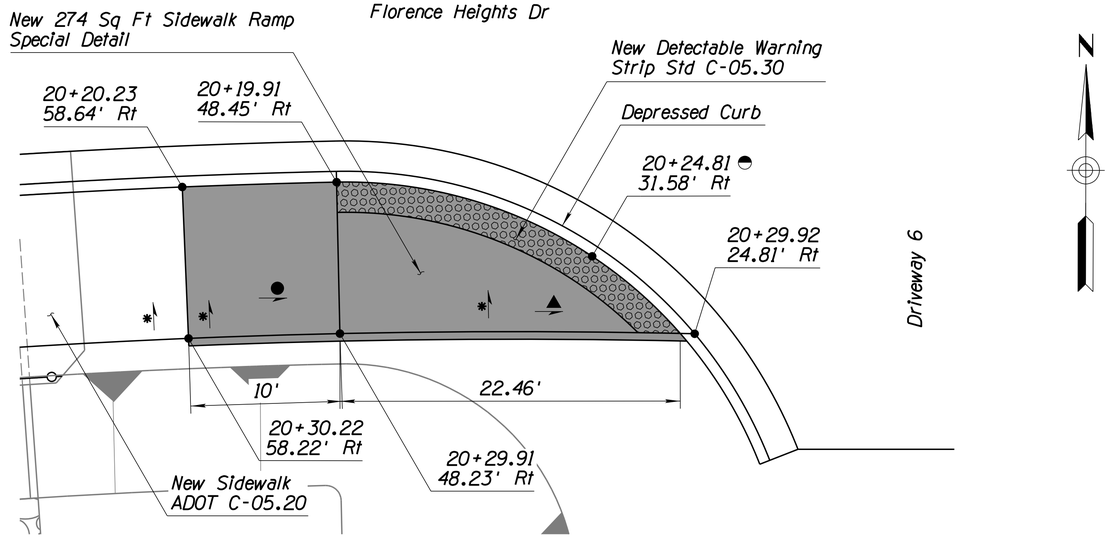
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

DETAILS S16-S18
SIDEWALK RAMPS

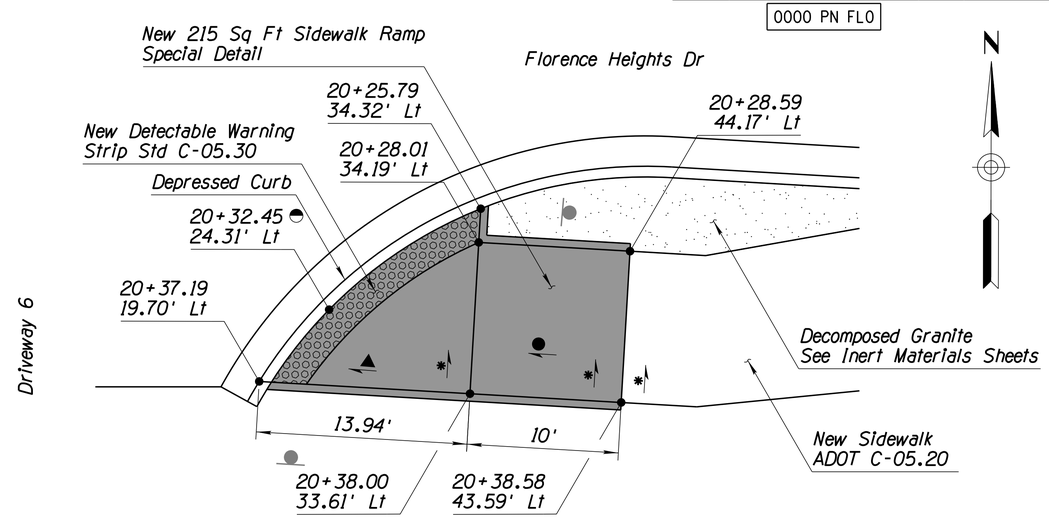
Registered Professional Engineer (Civil) Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-06.10
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



DETAIL S19



DETAIL S20

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	33	156	
		0000 PN FLO			

NOTES:

1. Station and offsets reference the Driveway 6 Cst ℄ unless otherwise noted
2. All radial dimensions are measured from the back of curb.

LEGEND:

- ◓ Ramp Control Point
- ▭ Ramp Pay Limit
- ● Ramp Slope 15:1 max
- ▲ 2% Max Slope
- * Sidewalk cross slope shall not exceed 2.0%

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

DETAILS S19-S20
SIDEWALK RAMPS

Registered Professional Engineer (Civil) Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-06.11
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	34	156	
		0000 PN FLO			

GEOMETRIC CONTROL POINT DATA

PROJECT CONTROL POINTS				
POINT	NORTHING	EASTING	ELEV	DESCRIPTION
241*	734325.176	859422.353	1521.030	BC IN CONC STAMPED DADAMS 1935 USC&GS
228*	734125.488	862321.611	1529.583	BRASS CAP 1.5' DOWN STAMPED GLO NW12 S2 S1 S11 S12 T5S R9E

SECONDARY CONTROL POINTS				
POINT	NORTHING	EASTING	ELEV	DESCRIPTION
201	735233.308	862176.157	1525.679	IRON ROD IN HAND HOLE (NGS Y516)
332	734969.865	862524.768	1533.356	BRASS CAP STAMPED ADOT
356	735369.252	862660.224	1523.620	BRASS CAP STAMPED TOF

* Not Shown

GENERAL NOTES

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

System:	United States State Plane
Zone:	Arizona Central Zone
GAF:	1.00014
Horizontal Datum:	NAD 83 (2011)
Vertical Datum:	NAVD 88 GEOID 12B (Conus)
Units:	International Feet (1 Foot = 0.3048 Meters exactly)

Basis of Bearings:
ADOT furnished the coordinates for this project. All coordinates listed are 1983 (2011 Epoch) State Plane ground coordinates Arizona Central Zone, Standard Transverse Mercator projection, with a scale of origin point of X=0.0000 and Y=0.0000, using a grid adjustment factor of 1.00014.

Basis of Elevations:
An elevation of 1521.030 was held on a found NGS Monument, "DADAMS".

All bearings are grid bearings. Distances are ground distances and coordinates are ground coordinates.

The field portion of this survey was performed during January 2020.

The basis of coordinates and elevations for this project are from National Geodetic Survey (NGS) Data Sheets for Monument "DADAMS"

NGS Point Name BC IN CONC STAMPED DADAMS 1935 USC&GS
BRASS CAP IN CONCRETE

NAD 83 (2011)	33°01'02.31200"(N)	111°23'49.01459"(W)
Grid Coordinates	N 734222.384	E 859302.051
Ground Coordinates	N 734325.176	E 859422.353
NAVD88 Elevation	1521.030 Feet	

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

BENCHMARK & CONTROL POINT DATA

Registered Professional Engineer (Civil) Certificate No. 47513 ALLEN R. HATHCOCK Arizona U.S.A. Date Signed 07/07/2023

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-07.01

TRACS NO.			SHEET NO.
SZ041 01C		FLO-0(201)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.	FLO-0(201)T	35	156	
		0000 PN FLO			

713 PT 19+36.85
N 44°28'26" E
711 PC 18+97.92
712
Canal Rd Cst ℄
Bgn Canal Rd Cst ℄ 18+00.00 =
157.72' Lt SR 79B Cst ℄
Sta 546+77.28
710
N 0°08'08" W
208
Exst R/W
New R/W
Elizabeth St Cst ℄
332
Bgn Florence Heights Dr Cst ℄ Sta 20+00.00 =
SR 79B Cst ℄ Sta 545+64.11
300
Bgn Elizabeth St Cst ℄ 17+50.00 =
235.24' Lt Florence Heights Dr Cst ℄ Sta 23+09.98
400
S 0°08'08" E
18
PC 18+53.81
401
Bgn Orlando St Cst ℄ Sta 18+50.00 =
149.91' Lt Florence Heights Dr Cst ℄ Sta 25+69.03
700
Bgn Dwy No 7 Cst ℄ Sta 18+50.00 =
149.91' Lt Florence Heights Dr Cst ℄ Sta 26+31.32
740
25
Section Line
207 PC 546+16.22
N 24°28'01" W
Southern Roundabout
Center Point
N 69°22'21" E
402
19
S 30°56'03" E
Dwy No 5 Cst ℄
S 30°56'03" E
N 56°27'47" E
206 PI 545+64.11
N 12°31'12" W
205 PT 545+35.89
545
PT 19+61.32
403
305
Orlando St Cst ℄
New TCE
Dwy No 7 Cst ℄
End Florence Heights Dr Cst ℄ Sta 25+55.94 =
1,034.04' Rt SR 79B Cst ℄ Sta 542+03.06
309
SCIP Esmt
204
302
PC 20+59.57
PT 21+27.17
PC 22+16.71
203 PCC 544+53.79
New R/W
Dwy No 6 Cst ℄
New TCE
S 0°08'08" E
S 0°08'08" E
New TCE
PC 27+74.20
307
30
Florence Heights Dr Cst ℄
SR 79B Cst ℄
301
303
304
PT 25+55.94
306
S 0°08'08" E
S 88°11'52" E
STA 29+13
END PROJECT FLO-0(201)T
End Dwy No 5 Cst ℄ Sta 21+00.00 =
99.99' Rt Florence Heights Dr Cst ℄ Sta 22+50.71
721
End Elizabeth Cst ℄ Sta 20+00.00 =
Bgn Dwy No 5 Cst ℄ Sta 20+00.00 =
Florence Heights Dr Cst ℄ Sta 22+49.07
404
720
Exst R/W
New R/W
Exst R/W
SCIP Esmt
Exst R/W
End Dwy No 7 Cst ℄ Sta 20+00.00 =
Florence Heights Dr Cst ℄ Sta 26+36.39
741
End Orlando St Cst ℄ Sta 20+00.00 =
Bgn Dwy No 6 Cst ℄ Sta 20+00.00 =
Florence Heights Dr Cst ℄ Sta 25+74.10
701
730
End Dwy No 6 Cst ℄ Sta 21+50.00 =
149.91' Rt Florence Heights Dr Cst ℄ Sta 25+79.17
731
308
STA 540+07
BEGIN PROJECT FLO-0(201)T
MP 132.55
202
Bgn SR 79B Cst ℄ Sta 536+65.74
MP 132.49
200
Exst R/W
Exst R/W
PC 536+85.74
201
Section Line

LEGEND:

⊕ Project Control Point

XXX Project Control Point No.

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

GEOMETRIC LAYOUT SHEET

ROUTE SR 287 | LOCATION SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

DWG NO. G-08.01

___ OF ___

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	36	156	

0000 PN FLO

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

End SR 287 Cst ℄ Sta 39+53.93
MP 142.10
106

Dwy No 1 Cst ℄

Bgn Dwy No 2 Cst ℄ Sta 18+00.00 =
177.96' Rt SR 287 Cst ℄ Sta 8+34.76
605

End Dwy No 2 Cst ℄ Sta 20+00.00 =
SR 287 Cst ℄ Sta 7+44.84
609

End Dwy No 1 Cst ℄ Sta 21+50.00 =
150.00' Rt SR 287 Cst ℄ Sta 10+99.58
601

Bgn Dwy No 1 Cst ℄ Sta 20+00.00 =
SR 287 Cst ℄ Sta 10+99.58
600

Exst R/W
Exst R/W
STA 18+10
END PROJECT FLO-0(201)T
MP 142.50
New TCE
21
Section Line
Exst R/W
S 71°22'15" W
Exst R/W
SR 287 Cst ℄
N 18°37'45" W
105
PT 9+72.31
103
PRC 8+94.06
101
PC 8+34.70
102
104
S 65°57'29" W
End Campbell Rd Cst ℄ Sta 20+00.00 =
SR 287 Cst ℄ Sta 10+87.58
751
New R/W
19
N 5°25'18" W
Campbell Rd Cst ℄
Bgn Campbell Rd Cst ℄ Sta 18+50.00 =
146.03' Lt SR 287 Cst ℄ Sta 11+21.86
750

EQUATION
SR 79B Cst ℄ PI 550+76.86 Bk =
SR 79B Cst ℄ PI 549+48.72 Ahd
SR 287 Cst ℄ PI 7+44.84
100 212
550
PT 549+78.03
211
Exst R/W
New R/W
PRC 549+17.80
209
Northern Roundabout
Center Point
S 42°03'00" E
Dwy No 2 Cst ℄
New TCE
PC 18+33.66
606
PT 18+53.29
608
607
213
PC 550+07.38
215
PT 551+43.36
550
19
S 53°17'52" E
214
S 0°08'08" E
N 38°36'35" E
201
N 41°46'09" W
210
SR 79B Cst ℄

219 End SR 79B Cst ℄ Sta 565+16.29
MP 133.03
Mid-Section Line
Exst R/W
STA 557+65
END PROJECT FLO-0(201)T
MP 132.89
Section Line
Exst R/W
Exst R/W
555
218 PT 554+79.89
Section Line
Exst R/W
N 0°11'26" E
216 PC 553+27.96
SR 79B Cst ℄
217
Exst R/W
N 7°26'43" E
Bgn Keating St Cst ℄ Sta 20+00.00 =
SR 79B Cst ℄ Sta 551+24.11
500
Bgn Dwy No 4 Cst ℄ Sta 19+00.00 =
88.85' Rt SR 79B Cst ℄ Sta 552+35.84
630
Dwy No 4 Cst ℄
New TCE
End Dwy No 4 Cst ℄ Sta 20+00.00 =
116.46' Rt SR 79B Cst ℄ Sta 551+40.88
631
Keating St Cst ℄
N 89°51'52" E
End Keating St Cst ℄ Sta 22+00.00 =
197.51' Rt SR 79B Cst ℄ Sta 551+50.52
501
Exst R/W
Bgn Dwy No 3 Cst ℄ Sta 20+00.00 =
102.63' Rt SR 79B Cst ℄ Sta 551+39.48
615
617
PC 20+87.63
616
21
PCC 21+52.64
618
N 74°41'35" E
336
619
Section Line
Dwy No 3 Cst ℄
End Dwy No 3 Cst ℄ Sta 22+36.18 =
180.52' Rt SR 79B Cst ℄ Sta 548+58.38
621
PT 21+85.02
620
22
POE 22+36.18

LEGEND:

⊕ *Project Control Point*

XXX *Project Control Point No.*

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

GEOMETRIC LAYOUT SHEET

Registered Professional Engineer Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. G-08.02

TRACS NO. SZ041 01C | FLO-0(201)T | ____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	37	156	
		0000 PN FLO			

PLAN REF NO.	DESCRIPTION	POINT TYPE	STATION	COORDINATES		SPIRAL MAIN OR CIRCULAR						
				Northing	Easting	Δ	D	R	L	T	Ext	Super
100	SR 287 Cst ℄	PT	7+44.84	735217.81	862159.90							
101		PC	8+34.70	735181.20	862077.83							
102		PI	8+64.60	735169.02	862050.53	17°00'13"	28°38'52"	200	59.35	29.90	2.22	NC
103		PRC	8+94.06	735149.39	862027.98							
104		PI	9+33.69	735123.36	861998.09	22°24'58"	28°38'52"	200	78.25	39.63	3.89	NC
105		PT	9+72.31	735110.70	861960.54							
106		POE	39+53.93	734158.24	859135.13							
200	SR 79B Cst ℄	PT	536+65.74	734125.81	863021.19							
201		PC	536+85.74	734138.74	863005.94							
202		PI	540+74.34	734390.05	862709.54	21°30'19"	2°48'00"	2046.28	768.05	388.60	36.57	NC
203		PCC	544+53.79	734732.52	862525.91							
204		PI	544+95.10	734768.93	862506.39	15°40'50"	19°05'55"	300	82.10	41.31	2.83	NC
205		PT	545+35.89	734809.25	862497.43							
206		PI	545+64.11	734836.80	862491.32							
207		PC	546+16.22	734884.24	862469.73							
208		PI	547+71.75	735025.80	862405.31	34°33'28"	11°27'33"	500	301.57	155.53	23.63	NC
209		PRC	549+17.80	735105.85	862271.96							
210		PI	549+48.14	735121.46	862245.95	17°15'20"	28°38'52"	200	315.96	30.35	2.29	NC
211		PT	549+78.03	735144.10	862225.73							
212		PI	A 549+48.72	735217.81	862159.90							
213		PC	A 550+07.38	735263.65	862196.51							
214		PI	A 550+77.10	735318.13	862240.01	31°09'52"	22°55'06"	250	135.98	69.72	9.54	NC
215		PT	A 551+43.36	735387.26	862249.04							
216		PC	A 553+27.96	735570.30	862272.96							
217		PI	A 554+04.03	735645.73	862282.82	7°15'16"	4°46'29"	1200	151.94	76.07	2.41	NC
218		PT	A 554+79.89	735721.80	862283.07							
219		POE	A 565+16.29	736758.18	862286.52							
300	Florence Heights Dr Cst ℄	PT	20+00.00	734836.80	862491.32							
301		PC	20+59.57	734857.79	862547.07							
302		PI	20+93.51	734869.74	862578.83	12°54'34"	19°05'55"	300	67.59	33.94	1.91	NC
303		PT	21+27.17	734888.49	862607.12							
304		PC	22+16.71	734937.97	862681.76							
305		PI	23+91.92	735034.76	862827.80	35°20'21"	10°25'03"	550	339.23	175.21	27.23	NC
306		PT	25+55.94	735029.25	862985.63							
307		PC	27+74.20	735022.39	863221.07							
308		PI	29+32.06	735017.43	863378.85	40°18'59"	13°19'29"	430	302.57	157.85	28.06	NC
309		POE	30+76.78	735115.72	863502.36							
400	Elizabeth Street Cst ℄	PT	17+50.00	735194.37	862660.66							
401		PC	18+53.81	735090.56	862660.91							
402		PI	19+08.90	735035.47	862661.04	30°47'55"	28°38'52"	200	107.51	55.09	7.45	NC
403		PT	19+61.32	734988.22	862689.36							
404		POE	20+00.00	734955.04	862709.24							

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

GEOMETRIC DATA SHEET

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-09.01

TRACS NO.		FLO-0(201)T	____ OF ____
SZ041 01C			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	38	156	
		0000 PN FLO			

PLAN REF NO.	DESCRIPTION	POINT TYPE	STATION	COORDINATES		SPIRAL MAIN OR CIRCULAR						
				Northing	Easting	Δ	D	R	L	T	Ext	Super
500	Keating Street Cst ℄	PT	20+00.00	735368.29	862245.82							
501		POE	22+00.00	735368.76	862445.82							
600	Dwy No 1 Cst ℄	PT	20+00.00	735070.04	861839.93							
601		POE	21+50.00	735212.19	861792.01							
605	Dwy No 2 Cst ℄	PT	18+00.00	735343.68	862005.24							
606		PC	18+33.66	735318.69	862027.78							
607		PI	18+43.50	735311.38	862034.37	11°14'52"	57°17'45"	100	19.63	9.85	0.48	NC
608		PT	18+53.29	735305.49	862042.27							
609		POE	20+00.00	735217.81	862159.90							
615	Dwy No 3 Cst ℄	PT	20+00.00	735368.53	862350.06							
616		PC	20+87.63	735280.91	862350.26							
617		PI	21+20.26	735248.27	862350.34	12°25'03"	19°05'55"	300	65.02	32.64	1.77	NC
618		PCC	21+52.64	735216.41	862357.43							
619		PI	21+73.63	735195.93	862361.99	92°45'14"	286°28'44"	20	32.38	20.99	8.99	NC
620		PT	21+85.02	735201.47	862382.24							
621		POE	22+36.18	735214.98	862431.58							
630	Dwy No 4 Cst ℄	PT	19+00.00	735467.45	862349.12							
631		POE	20+00.00	735368.57	862364.03							
700	Orlando Street Cst ℄	PT	18+50.00	735178.68	863020.71							
701		POE	20+00.00	735028.68	863021.07							
710	Canal Road Cst ℄	PT	18+00.00	734855.81	862306.59							
711		PC	18+97.92	734953.73	862306.36							
712		PI	19+18.43	734974.24	862306.31	44°36'33"	114°35'30"	50	38.93	20.51	4.04	NC
713		PT	19+36.85	734988.88	862320.68							
714		POE	20+00.00	735033.94	862364.92							
720	Dwy No 5 Cst ℄	PT	20+00.00	734955.04	862709.24							
721		POE	21+00.00	734869.26	862760.65							
730	Dwy No 6 Cst ℄	PT	20+00.00	735028.68	863021.07							
731		POE	21+50.00	734878.68	863021.42							
740	Dwy No 7 Cst ℄	PT	18+50.00	735176.72	863082.97							
741		POE	20+00.00	735026.72	863083.33							
750	Campbell Road Cst CL	PT	18+50.00	734924.55	861865.47							
751		POE	20+00.00	735073.88	861851.30							

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

GEOMETRIC DATA SHEET

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	G-09.02

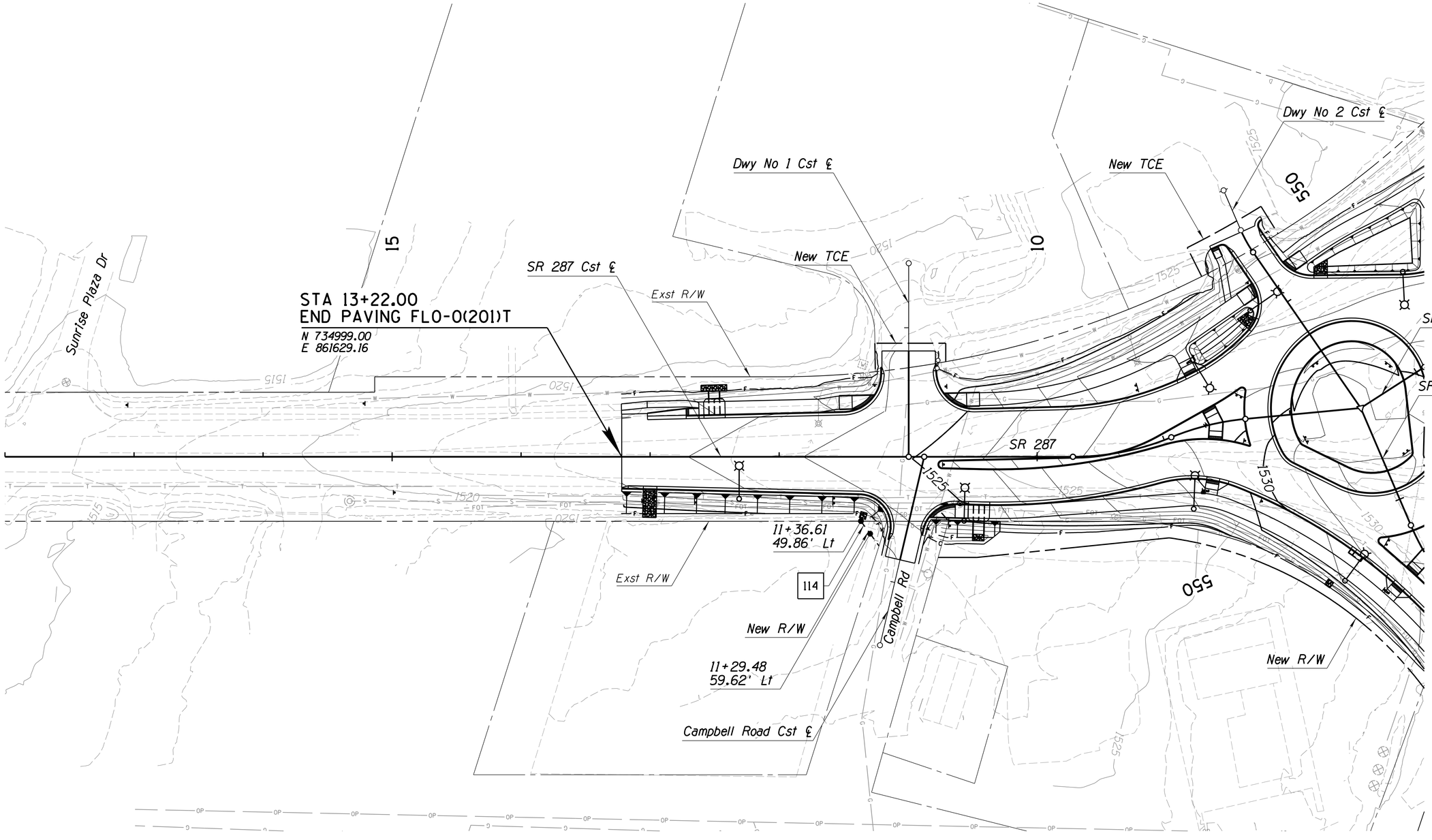
TRACS NO.			SHEET
SZ041 01C		FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	39	156	

0000 PN FLO

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 287
FINISHED CONTOURS & FENCE PLAN
Sta 7+44 to 13+22

Registered Professional Engineer, Certificate No. 47513, ALLEN R. HATHCOCK, Date signed 07/31/2023, ARIZONA, U.S.A.

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. C-01.01

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

8:00:22 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\GRADING & FENCING\SZ041_GR01.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	40	156	

0000 PN FLO

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

SCIP Esmt

STA 542+22.00
BEGIN PAVING FLO-0(201)T
N 734534.88
E 862646.77

SR 79B Cst ℄

SR 79B

Exst R/W

SCIP Esmt

New Irrigation Pipe
By Others

Exst R/W

545

Canal Rd

Canal Rd Cst ℄

SR 287 Cst ℄

New R/W

550

SR 287

Exst R/W

1530

Dwy No 2 Cst ℄

New Irrigation Pipe

20

1535

1540

1525

1520

1530

Exst R/W

Florence Heights Dr

New R/W

Florence Heights Dr Cst ℄

New R/W

Dwy No 3 Cst ℄

Exst R/W

Exst R/W

Dwy No 4 Cst ℄

Keating St

SR 79B

SR 79B Cst ℄

Keating St Cst ℄

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 79B
FINISHED CONTOURS & FENCE PLAN
Sta 542+22 to 549+49

Registered Professional Engineer
CERTIFICATE NO.
47513
ALLEN R.
HATHCOCK
State Standard of Arizona
U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-01.02

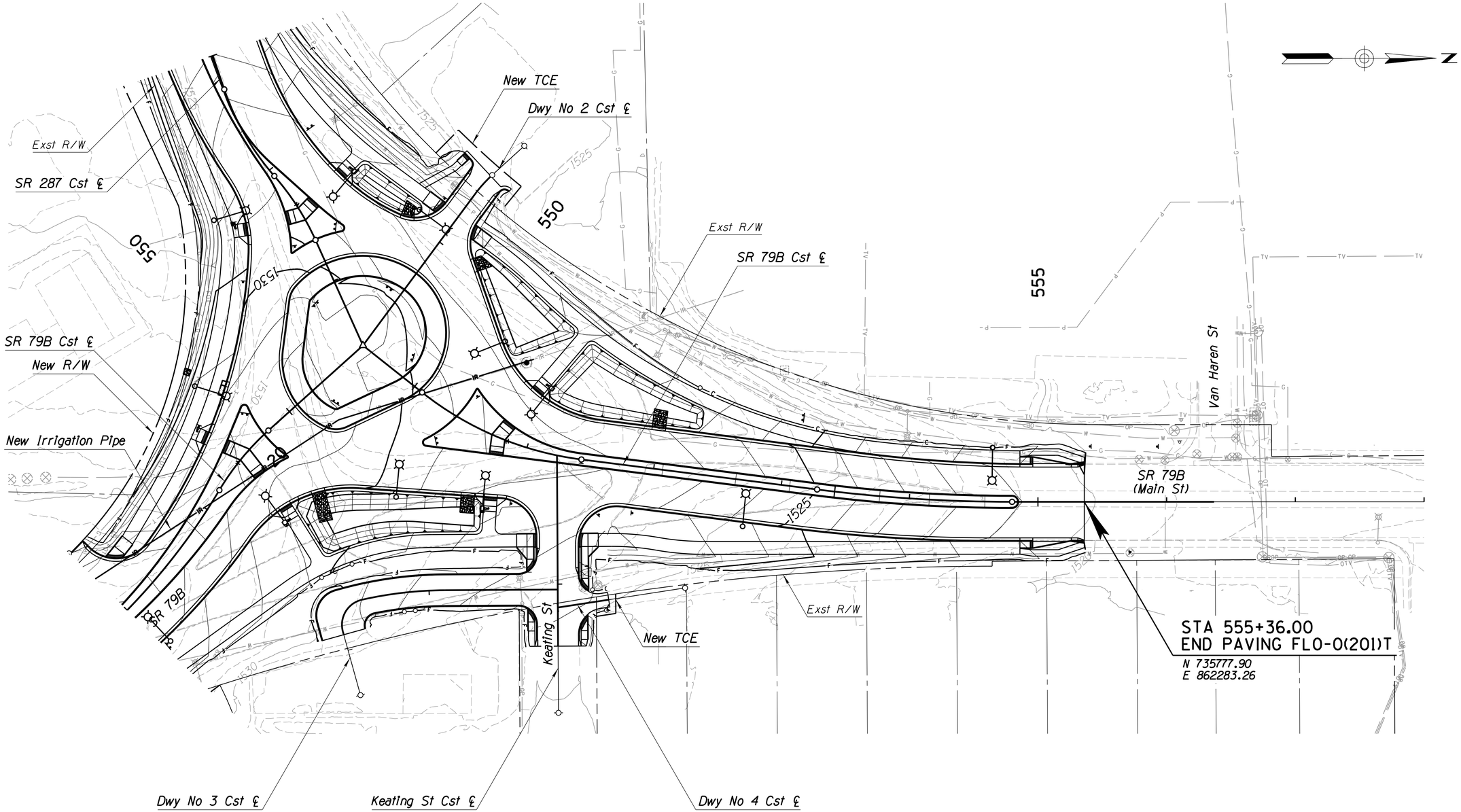
TRACS NO.		FLO-0(201)T	___ OF ___
SZ041 01C			

8:00:26 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\GRADING & FENCING\SZ041_GR02.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	41	156	

0000 PN FLO

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

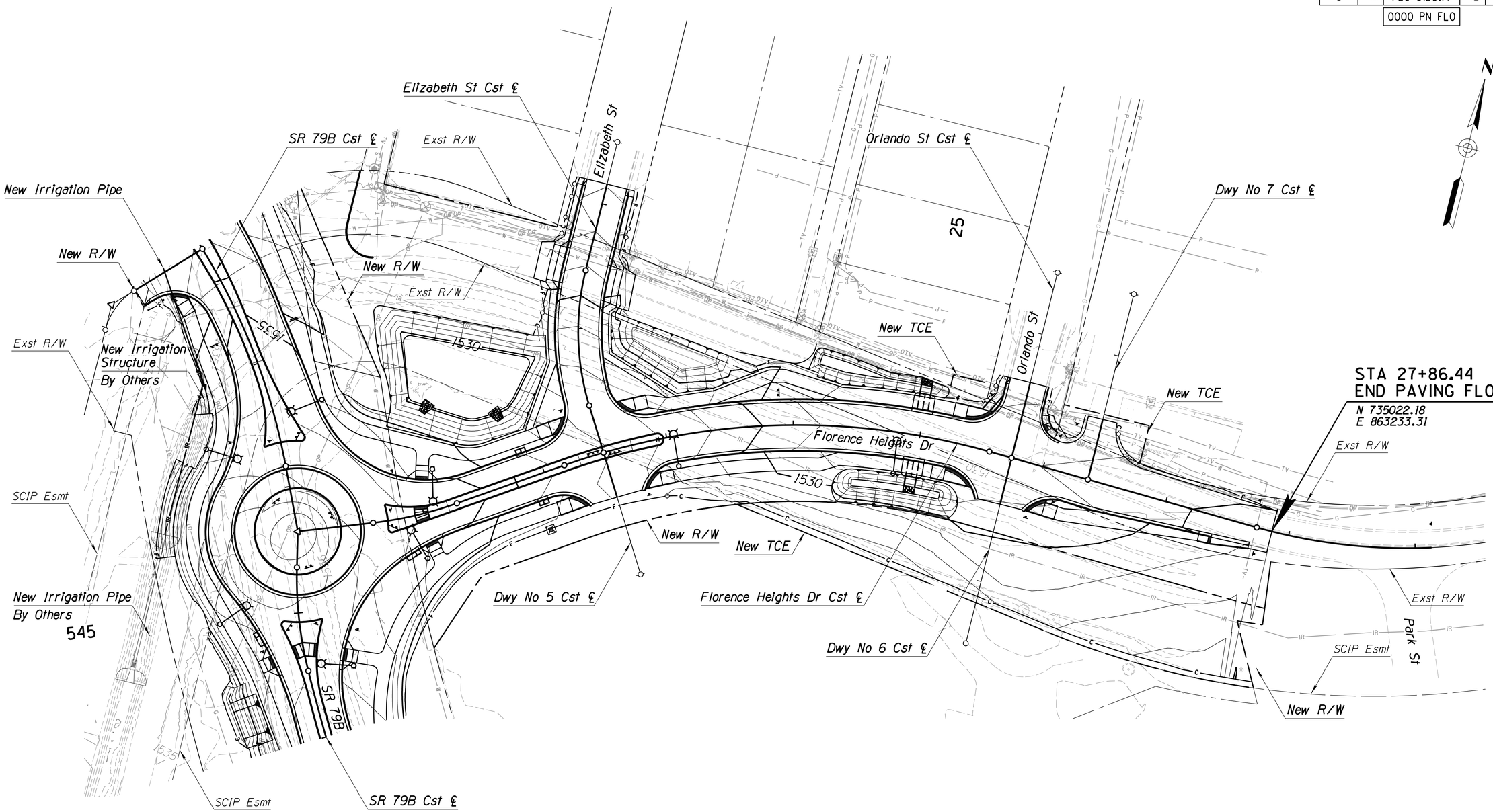
SR 79B
FINISHED CONTOURS & FENCE PLAN
Sta 549+49 to 555+36

Registered Professional Engineer (Civil)
CERTIFICATE NO.
47513
ALLEN R.
HATHCOCK
Date Signed 07/07/2023
ARIZONA U.S.A.

ROUTE	LOCATION		DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS		C-01.03
TRACS NO. SZ041 01C		FLO-0(201)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	42	156	
		0000 PN FLO			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.



	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

FLORENCE HEIGHTS DRIVE
FINISHED CONTOURS & FENCE PLAN
Sta 20+00 to 27+87

Registered Professional Engineer Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

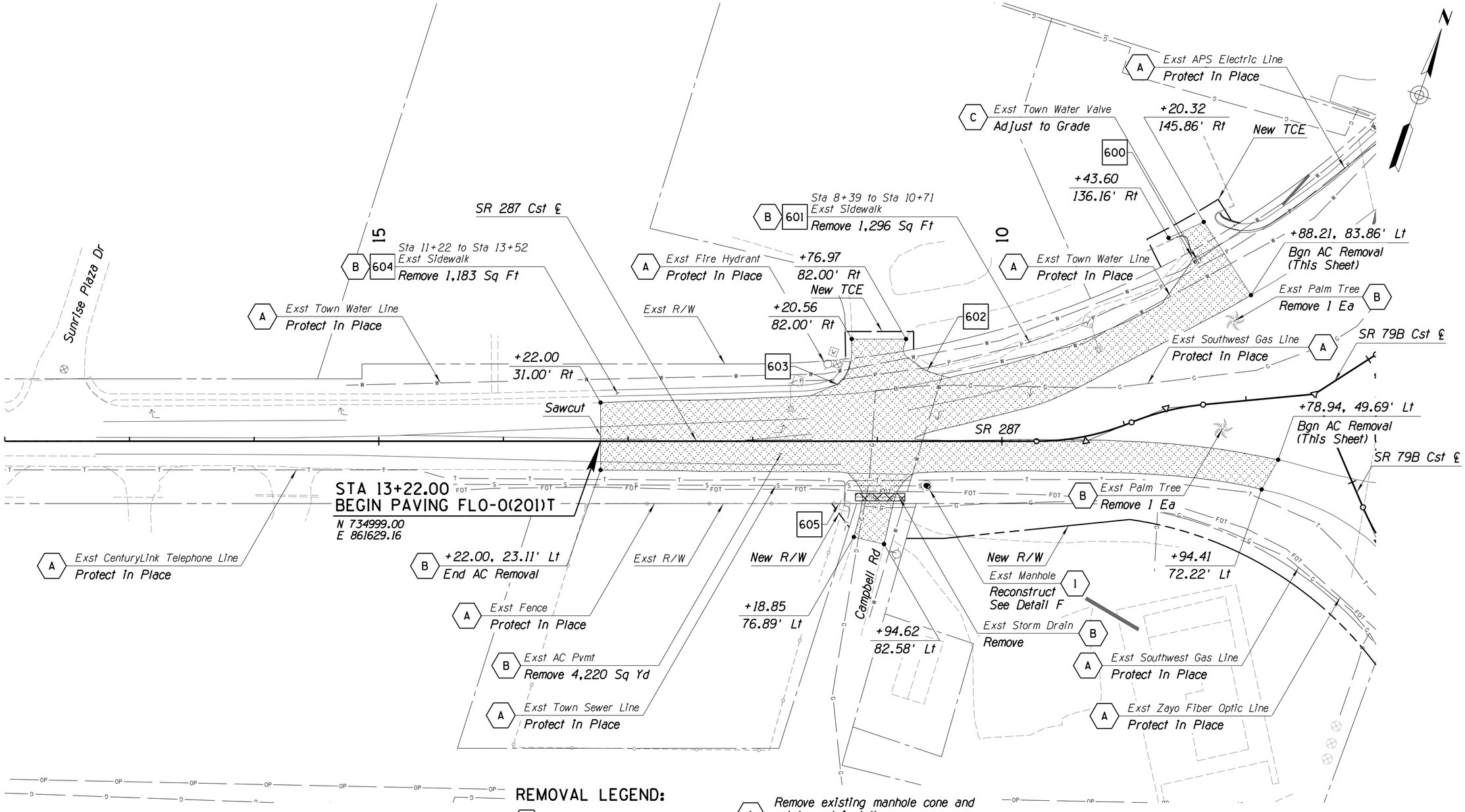
ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. C-01.04

TRACS NO. SZ041 01C | FLO-0(201)T | ____ OF ____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	43	156	
		0000 PN FLO			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



REMOVAL LEGEND:

- A — To Remain in Place/Service
- B — Contractor to Remove
- C — Relocate or Remove by Others
- D — Construction by Others
- 1 — Remove existing manhole cone and rotate and install new as necessary to avoid gutter flowline
- Cultural Trench Compaction See Detail G
- AC Removal
- Pipe Removal

NOTES:

1. Stations and offsets reference the SR 287 Cst ℄ unless otherwise noted.
2. All existing utilities shall be protected in place unless otherwise noted.
3. See Electrical Plans for disposition of additional existing electrical features.
4. See Signing Plans for disposition of existing signs and sign structures.
5. See Detour Plans for dispositions related to temporary detours.

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 287
REMOVAL SHEET
Sta 7+44 to 13+22

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-02.01
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

8:00:33 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\REMOVALS\SZ041_R01.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	44	156	

0000 PN FLO

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO. | DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

A Exst Zayo Fiber Optic Line
Protect in Place

SR 287 Cst ℄

+78.94, 49.69' Lt
End AC Removal
(This Sheet)

+94.41
72.22' Lt

SCIP Esmt

A Exst Southwest Gas Line
Protect in Place

SCIP Esmt

SR 79B Cst ℄

545

Exst SCIP Irrigation Pipe
Protect in Place

A Exst CenturyLink Telephone Line
Protect in Place

550

SR 287

Exst R/W

A Exst CenturyLink
Overhead Telephone Line
Protect in Place

Exst R/W

Sta 546+91
B Exst 24" SCIP RGRCP Irrigation Line
Remove 473 Ft

B Exst SCIP Irrigation Structure
Remove 1 Ea

New R/W

+22.00
21.32' Lt

Sawcut

SR 79B

610

STA 542+22.00
BEGIN PAVING FLO-0(201)T
N 734534.88
E 862646.77

+22.00, 18.83' Rt
Bgn AC Removal

B Exst AC Pvmt
Remove 5,154 Sq Yd

Exst R/W

New R/W

A Exst Town Water Line
Protect in Place

Florence Heights Dr

B Exst RC Slab Bridge
Remove

See Dwg. C-02.04
For Removal Limits

611

612

New R/W

613

+00.03
151.65' Rt

SR 79B
(Main St)

+39.36
113.89' Rt
Sawcut
R=20.0'
+67.29
111.97' Rt

+03.51, 86.83' Rt
End AC Removal
(This Sheet)

Keating St

Florence Heights Dr Cst ℄

Exst Fire Hydrant
Protect in Place A

SR 79B Cst ℄

REMOVAL LEGEND:

- A — To Remain in Place/Service
- B — Contractor to Remove
- C — Relocate or Remove by Others
- D — Construction by Others

SR 287 Cst ℄

Cultural Trench Compaction
See Detail G

AC Removal

Pipe Removal

NOTES:

1. Stations and offsets reference the SR 79B Cst ℄ unless otherwise noted.
2. All existing utilities shall be protected in place unless otherwise noted.
3. See Electrical Plans for disposition of additional existing electrical features.
4. See Signing Plans for disposition of existing signs and sign structures.
5. See Detour Plans for dispositions related to temporary detours.

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 79B
REMOVAL SHEET
Sta 542+22 to 549+49

Registered Professional Engineer — Certificate No. 47513 — ALLEN R. HATHCOCK — Date Signed 07/07/2023 — Arizona, U.S.A.

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. C-02.02

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	45	156	
		0000 PN FLO			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

A Exst Southwest Gas Line
Protect in Place

Exst Town Water Line A
Protect in Place

Exst APS Electric Line A
Protect in Place

Exst Town Water Line A
Protect in Place

New TCE

+48.72, 94.41' Lt
Bgn AC Removal

+48.72
164.25' Lt

+63.58
166.84' Lt

629

Exst AC Pvmt
Remove 7,276 Sq Yd B

Exst SCIP Irrigation Structure A
Protect in Place

Exst SCIP Irrigation Pipe A
Protect in Place

Sta A 549+63 to Sta A 555+36
Exst Sidewalk
Remove 2,743 Sq Ft 630 B

Exst Town Water Meter A
Protect in Place

Exst Catch Basin B
Remove

Exst Storm Drain B
Remove 86 Lin Ft

Exst Catch Basin B
Remove

Exst Cox Television Line A
Protect in Place

Exst APS Overhead Power Line A
Protect in Place

SR 79B Cst ℄

Exst R/W

SR 287

SR 287 Cst ℄

550

555

B Exst Palm Tree
Remove 1 Ea

B Exst Handrail
Remove 18 Lin Ft

SR 79B Cst ℄
New R/W

631 632 633 634

+36.00
29.24' Lt

Van Haren St

B Exst Palm Tree
Remove 1 Ea

SR 79B
(Main St)

See Sheet C-02.02
For Removal Limits

SR 79B

Keating St

626

New TCE

+76.45
99.34' Rt

+79.77
110.92' Rt

628

Exst R/W

Exst Town Water Line A
Protect in Place

Sta A 551+60 to Sta A 555+36
Exst Sidewalk
Remove 2,107 Sq Ft 627 B

+36.00, 30.06' Rt
End AC Removal

STA 555+36.00
END PAVING FLO-0(201)T
N 735777.90
E 862283.26

620 621 622

+03.51
86.83' Rt

+32.68
148.84' Rt

625

+00.03, 151.65' Rt
Bgn AC Removal
(This Sheet)

+60.20
144.02' Rt

Sta A 551+57 to Sta A 551+60
Exst Sidewalk
Remove 90 Sq Ft 624 B

B 623 Sta A 551+27 to Sta A 551+31
Exst Sidewalk
Remove 116 Sq Ft

REMOVAL LEGEND:

- A — To Remain in Place/Service
- B — Contractor to Remove
- C — Relocate or Remove by Others
- D — Construction by Others

Cultural Trench Compaction
See Detail G

AC Removal

Pipe Removal

NOTES:

1. Stations and offsets reference the SR 79B Cst ℄ unless otherwise noted.
2. All existing utilities shall be protected in place unless otherwise noted.
3. See Electrical Plans for disposition of additional existing electrical features.
4. See Signing Plans for disposition of existing signs and sign structures.
5. See Detour Plans for dispositions related to temporary detours.

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 79B
REMOVAL SHEET
Sta 549+49 to 555+36

ROUTE: SR 287 | LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

DWG NO. C-02.03 | ___ OF ___

Registered Professional Engineer (Civil) Certificate No. 47513 ALLEN R. HATHCOCK Not valid without signature and original seal. ARIZONA U.S.A.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	46	156	
		0000 PN FLO			

+83.44
211.30' Lt
B 640 Sta 17+84 to Sta 18+52 Exst Sidewalk
Remove 126 Sq Ft
+48.77
172.61' Lt
A Exst APS Overhead Power Line
Protect in Place
A Exst Town Water Line
Protect in Place
+37.56, 147.16' Lt
Bgn AC Removal
641
SR 79B Cst ℄
See Sheet C-02.02
For Removal Limits
New R/W
Exst R/W
SCIP Esmt
A Exst SCIP Irrigation Pipe
Protect in Place
SCIP Esmt
Exst R/W
B Exst SCIP Irrigation Pipe
Remove 881 Lin Ft
Sawcut
Elizabeth St
Exst AC
Remove 501 Sq Yd B
+04.47
197.63' Lt
Sta 17+84 to Sta 18+20
Exst Sidewalk
Remove 141 Sq Ft
642 B
643
+96.84
133.76' Lt
+91.03, 103.39' Lt
End AC Removal
+11.17, 36.53' Lt
Bgn AC Removal
+56.09
60.43' Lt
B 644 Sta 19+39 to Sta 19+42
Exst Sidewalk
Remove 10 Sq Ft
+16.90
63.95' Lt
Sawcut
TCE
645
646
Florence Heights Dr
25
Orlando St
Exst Cox Television Line
Protect in Place A
+84.99
61.40' Lt
Exst CenturyLink Telephone Line
Protect in Place A
+22.89
48.19' Lt
Exst AC
Remove 1,427 Sq Yd B
+46.69
49.96' Lt
TCE
+86.44
15.73' Lt
Exst R/W
A Exst APS Power Pole
Protect in Place
STA 27+86.44
END PAVING FLO-0(201)T
N 735022.18
E 863233.31
Exst Gas Line
Protect in Place A
New R/W
Florence Heights Dr Cst ℄
New TCE
+69.39
Sawcut
Park St
Exst SCIP Irrigation Pipe
Cut and Capped by Others
+86.44, 13.29' Rt
End AC Removal
New R/W
Sta 27+69
Exst SCIP Irrigation Pipe
Plug Existing
SCIP Esmt
Exst SCIP Irrigation Pipe
Abandon in Place
N

REMOVAL LEGEND:

- A — To Remain in Place/Service
- B — Contractor to Remove
- C — Relocate or Remove by Others
- D — Construction by Others

Cultural Trench Compaction
See Detail G

AC Removal

Pipe Removal

NOTES:

1. Stations and offsets reference the Florence Heights Drive Cst ℄ unless otherwise noted.
2. See Electrical Plans for disposition of additional existing electrical features.
3. See Signing Plans for disposition of existing signs and sign structures.
4. See Detour Plans for dispositions related to temporary detours.

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

FLORENCE HEIGHTS DRIVE
REMOVAL SHEET
Sta 20+00 to 27+87

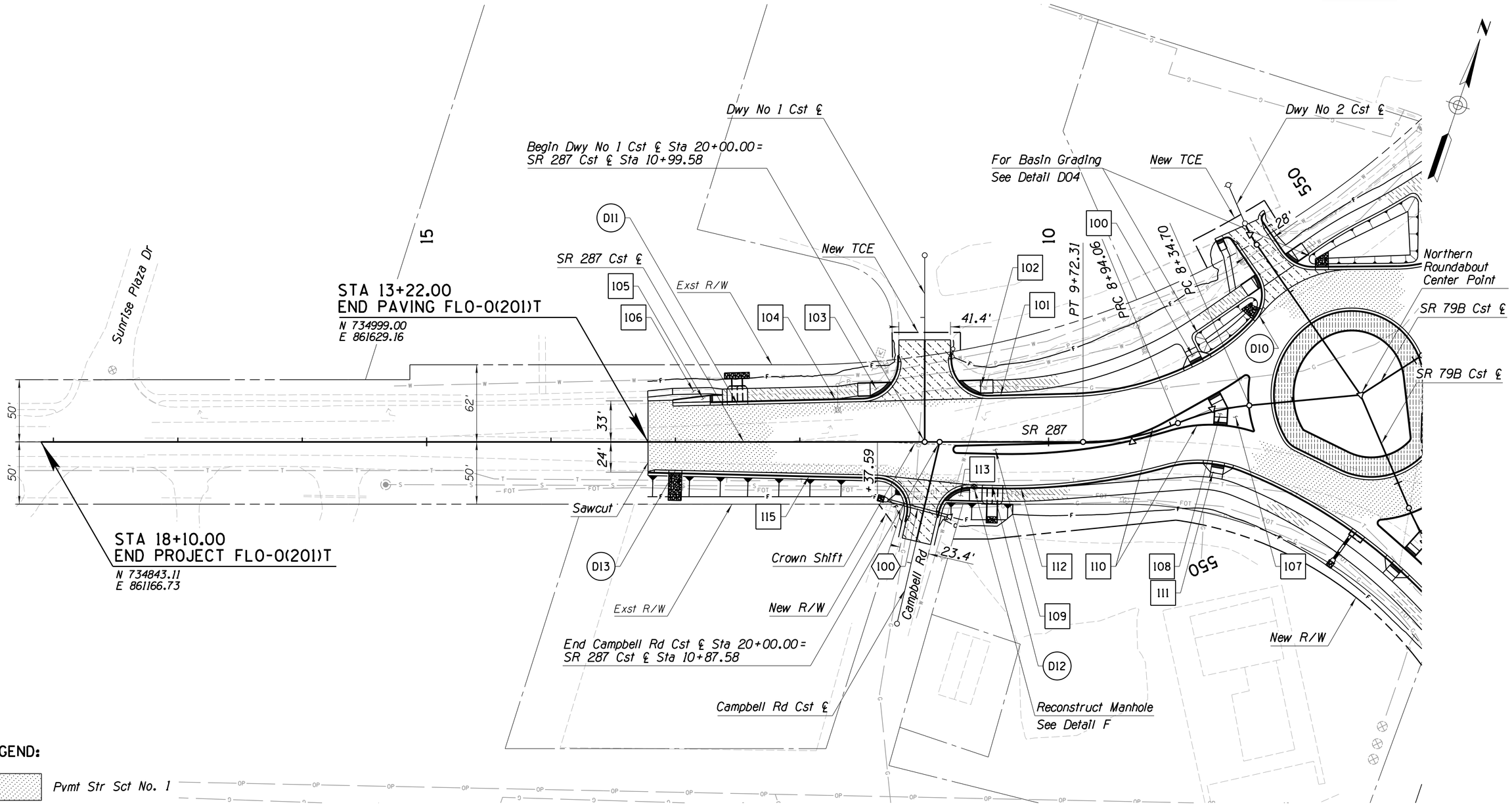
Registered Professional Engineer Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-02.04
TRACS NO. SZ041 01C	FLO-0(201)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.	FLO-0(201)T	47	156	

0000 PN FLO



LEGEND:

- Pvmt Str Sct No. 1
- Pvmt Str Sct No. 2
- Pvmt Str Sct No. 3
- Pvmt Str Sct No. 4
- (DXX) Scupper Reference Number - See Detail D03

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 287
PLAN SHEET
Sta 7+44 to 13+22

47513
ALLEN R.
HATHCOCK
Date Signed 07/07/2023
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-03.01
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

8:00:43 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\ROADWAY\SZ041_P01.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	48	156	
		0000 PN FLO			

SCIP Esmt

STA 542+22.00
BEGIN PAVING FLO-0(201)T
N 734534.88
E 862646.77

SR 79B Cst ℄

100'

SCIP Esmt

Exst R/W

PCC 544+53.79

PT 545+35.89

PI 545+64.11

PC 546+16.22

New Irrigation Pipe
By Others

Canal Rd Cst ℄

Canal Rd

EQUATION
Sta 550+76.86 Bk =
Sta 549+48.72 Ahd

PRC 549+17.80

PT 549+78.03

SR 287 Cst ℄

New R/W

SR 287

Exst R/W

Dwy No 2 Cst ℄

For Basin Grading
See Detail D04

Northern Roundabout
Center Point

PC 550+07.38

New Irrigation Pipe
See Dwg. U-01.01

PT 551+43.36

SR 79B

Keating St

SR 79B Cst ℄

Keating St Cst ℄

Dwy No 4 Cst ℄

For Basin Grading
See Detail D04

Dwy No 3 Cst ℄

New R/W

End Canal Rd Cst ℄ Sta 20+00.00 =
SR 79B Cst ℄ Sta 548+00.00

For Basin Grading
See Detail D04

Florence Heights Dr Cst ℄

Florence Heights Dr

New R/W

See Detail D02

Southern Roundabout
Center Point

New Irrigation Pipe
See Dwg. U-01.01

Sawcut

SR 79B

100'

100'

21'

19'

20'

20'

15'

5'

15'

5'

14'

14'

15'

27'

17'

17'

200 202 203 205 208 211 217 215 223 221 222 219 220 201 204 207 209 210 206 212 214 213 216 218 224

CB 200

CB 202

LEGEND:

- Pvmt Str Sct No. 1
- Pvmt Str Sct No. 2
- Pvmt Str Sct No. 3
- Pvmt Str Sct No. 4

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 79B
PLAN SHEET
Sta 542+22 to 549+49

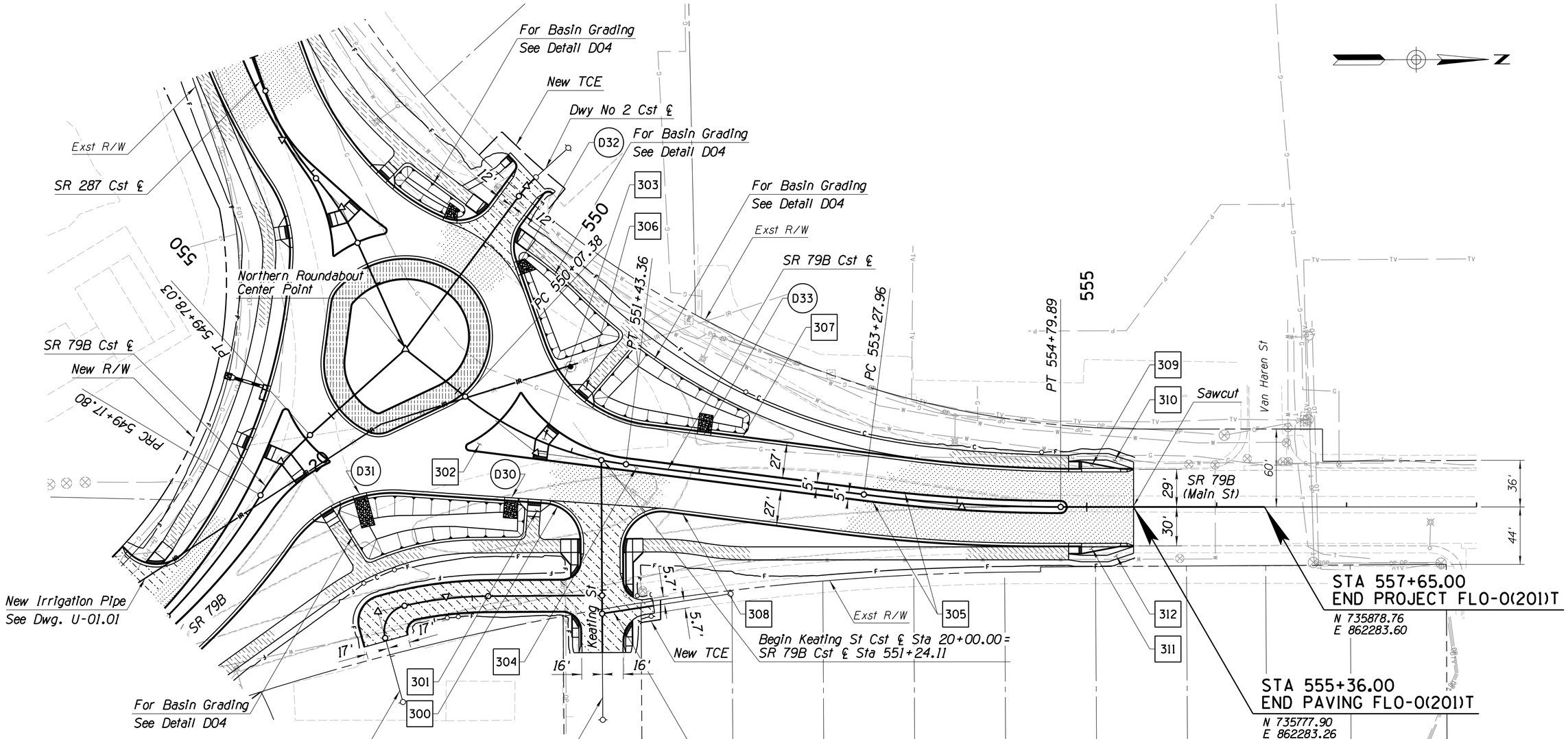
Registered Professional Engineer (Civil) Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-03.02

TRACS NO.		FLO-0(201)T	___ OF ___
SZ041 01C			

LOCATION- DATE-
REVISIONS-
FINISHED PLANS-
SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	49	156	
		0000 PN FLO			



LEGEND:

- Pvmt Str Sct No. 1
- Pvmt Str Sct No. 2
- Pvmt Str Sct No. 3
- Pvmt Str Sct No. 4
- (DXX) Scupper Reference Number - See Detail D03

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 79B
PLAN SHEET
Sta 549+49 to 555+36

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK date signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. C-03.03

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

8:00:47 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\ROADWAY\SZ041_P03.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	50	156	
		0000 PN FLO			

End Canal Rd Cst ℄ Sta 20+00.00 =
SR 79B Cst ℄ Sta 548+00.00

Elizabeth St Cst ℄

Elizabeth St

18'

SR 79B Cst ℄

Exst R/W

18'

For Basin Grading
See Detail D04

For Basin Grading
See Detail D04

Orlando St Cst ℄

Dwy No 7 Cst ℄

New Irrigation Pipe
See Dwg U-01.01,
U-01.02

Driveway
See Dwg. C-05.07

New R/W

New R/W

Exst R/W

Canal Rd Cst ℄

407

406

400

403

CB
403

410

409

412

411

D40

New TCE

18'

Orlando St

414

415

Florence Heights Dr Cst ℄

New Irrigation
Structure
By Others
See Irrigation
Sheets

Exst R/W

401

402

20'

20'

Florence Heights Dr

11.5'

11.5'

New TCE

PC 27+74.20

STA 27+86.44
END PAVING FLO-0(201)T
N 735022.18
E 863233.31

STA 29+13.00
END PROJECT FLO-0(201)T
N 735040.30
E 863358.10

Southern Roundabout
Center Point

5'

5'

5'

5'

413

418

For Basin Grading
See Detail D04

D41

419

Exst R/W

50'

SCIP Esmt

End Elizabeth St Cst ℄ Sta 20+00.00 =
Bgn Dwy 5 Cst ℄ Sta 20+00.00 =
Florence Heights Dr Cst ℄ Sta 22+49.07

New Irrigation Pipe
By Others

545

401

Dwy No 5 Cst ℄

PT 25+55.94

421

Sawcut

Exst R/W

New R/W

New R/W

416

Park St

SCIP Esmt

PC 22+16.71

PT 21+27.17

PC 20+59.57

405

417

400

404

CB
402

403

404

CB
400

402

408

CB
401

SR 79B Cst ℄

SR 79B

420

404

End Dwy 7 Cst ℄ Sta 20+00.00 =
Florence Heights Dr Cst ℄ Sta 26+36.39

End Orlando St Cst ℄ Sta 20+00.00 =
Bgn Dwy 6 Cst ℄ Sta 20+00.00
Florence Heights Dr Cst ℄ Sta 25+74.10

SCIP Esmt

Bgn Florence Heights Dr Cst ℄ Sta 20+00.00 =
SR 79B Cst ℄ Sta 545+64.11

Dwy No 6 Cst ℄

LEGEND:

- Pvmt Str Sct No. 1
- Pvmt Str Sct No. 2
- Pvmt Str Sct No. 3
- Pvmt Str Sct No. 4
- (DXX) Scupper Reference Number - See Detail D03

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

FLORENCE HEIGHTS DRIVE
PLAN SHEET
Sta 20+00 to 27+87

Registered Professional Engineer
CERTIFICATE NO.
47513
ALLEN R.
HATHCOCK
Date Signed 07/07/2023
ARIZONA U.S.A.

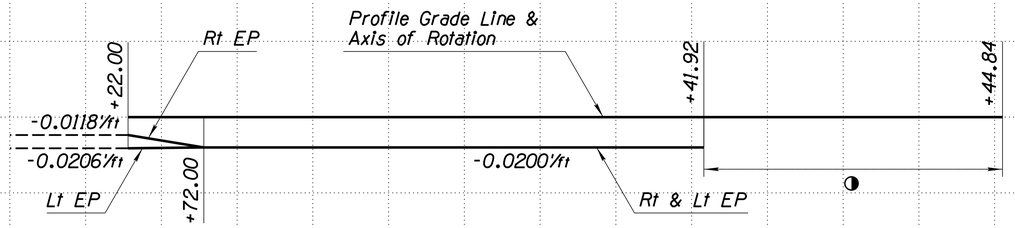
ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. C-03.04

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

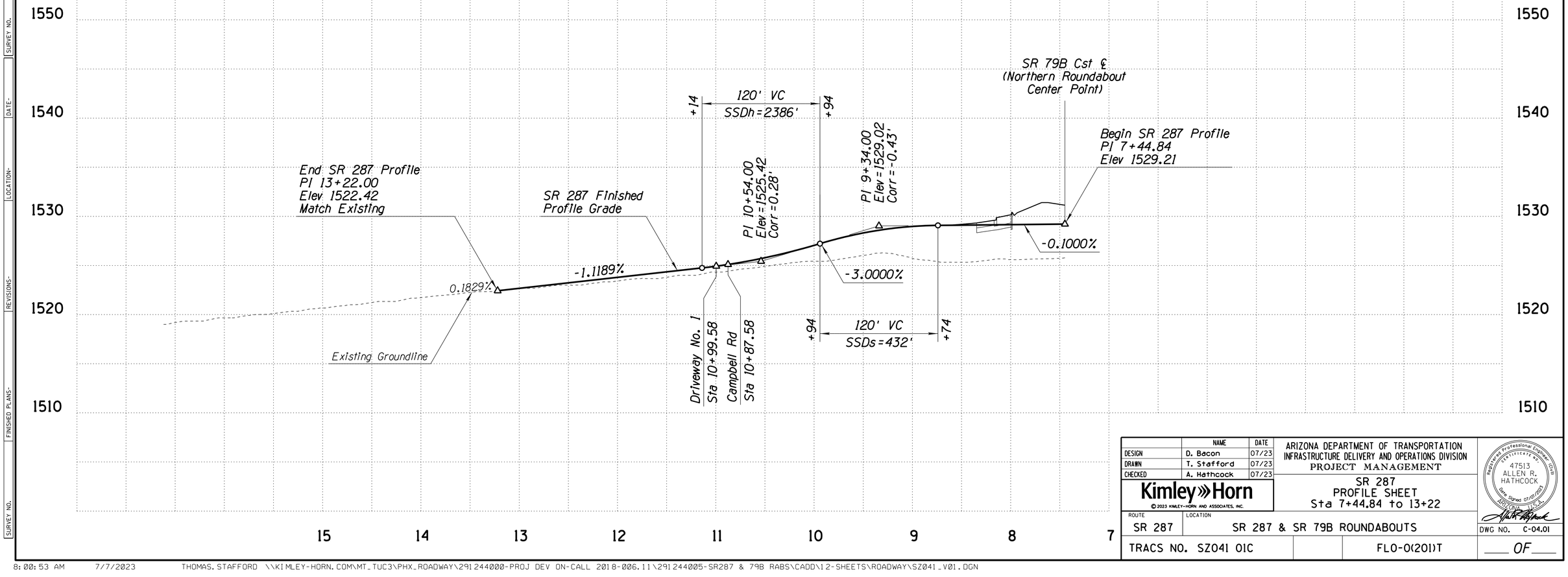
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	51	156	
		0000 PN FLO			



◑ EP Controlled by Staking, See Dwg C-09.01 - C-09.05

+0.05%ft
0.00%ft
-0.05%ft



	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 287
PROFILE SHEET
Sta 7+44.84 to 13+22

Registered Professional Engineer Certificate No. 47513 ALLEN R. HATHCOCK date signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T | DWG NO. C-04.01 | ___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

8:00:53 AM 7/7/2023 THOMAS.STAFFORD \\KIMLEY-HORN.COM\MT_TUC3\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\ROADWAY\SZ041_V01.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	52	156	
		0000 PN FLO			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

+0.05%ft
0.00%ft
-0.05%ft

Lt EP
Profile Grade Line & Axis of Rotation
0.0119%ft
-0.0222%ft
-0.0100%ft
-0.0200%ft
Rt EP
Rt EP
Rt & Lt EP
-0.0200%ft
+22.00
+92.00
+31.38
+03.56
+69.82
◑ EP Controlled by Staking, See Dwg C-09.01 - C-09.05

1560
1550
1540
1530
1520

Begin SR 79B Profile
PI 542+22.00
Elev 1540.00
Match Existing

Florence Heights Drive ℄
(Southern Roundabout Center Point)
Florence Heights Dr
Sta 545+64.11

PI 547+28.00
Elev=1535.49
Corr=-0.23'

Canal Rd
Sta 548+00.00

SR 287 Cst ℄
(Northern Roundabout Center Point)

-0.8793%
-0.8910%
-1.8000%

Existing Groundline
SR 79B Finished Profile Grade

Exst SCIDD Irrigation Pipe

+28
200' VC
SSDs=1287'
+28

540 541 542 543 544 545 546 547 548 549 550 551

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 79B
PROFILE SHEET
Sta 542+22 to 550+76.86

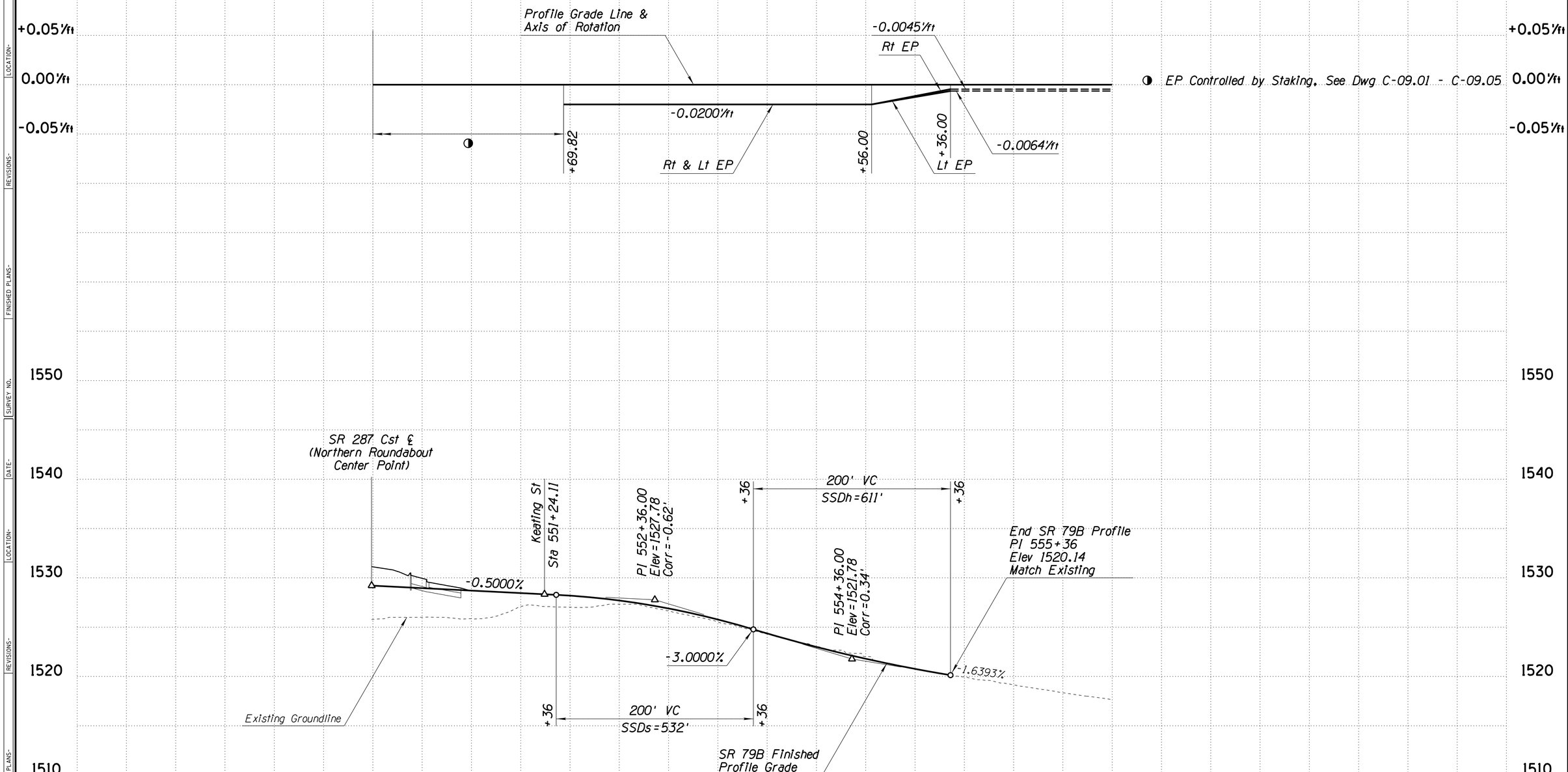
Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS
DWG NO. C-04.02
TRACS NO. SZ041 01C
FLO-0(201)T
___ OF ___

8:00:55 AM 7/7/2023 THOMAS.STAFFORD \\KIMLEY-HORN.COM\MT_TUC3\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\ROADWAY\SZ041_V02.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	53	156	
		0000 PN FLO			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 79B
PROFILE SHEET
Sta 550+76.86 to 555+36

Registered Professional Engineer Certificate No. 47513 ALLEN R. HATHCOCK date signed 07/07/2023 Arizona U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-04.03
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

8:00:57 AM 7/7/2023 THOMAS.STAFFORD \\KIMLEY-HORN.COM\MT_TUC3\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\ROADWAY\SZ041_V03.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	54	156	
		0000 PN FLO			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

+0.05%ft
0.00%ft
-0.05%ft

Profile Grade Line &
Axis of Rotation

Rt EP

+86.44

0.0263%ft

EP Controlled by Staking,
See Dwg C-09.01 - C-09.05

+00.57

Rt & Lt EP

-0.0200%ft

+56.44

+56.44

-0.0308%ft

Lt EP

SR 79B Cst ℄
(Southern Roundabout
Center Point)

Begin Florence Heights Dr Profile
PI 20+00.00
Elev 1536.95

PI 22+04.00
Elev=1534.30
Corr=-0.18'

Elizabeth St
Sta 22+49.07

+85

150' VC
SSDh=288'

+35

PI 24+60.00
Elev=1527.90
Corr=0.62'

Orlando St
Sta 25+74.10

Driveway No. 7
Sta 26+36.39

PI 27+86.44
Elev=1530.52

End Florence Heights Dr Profile
PI 27+86.44
Elev 1530.52
Match Existing

-1.3000%

-2.5000%

0.8028%

-1.0242%

Existing Groundline

Exst SCIDD
Irrigation Pipe

+44

120' VC
SSDs=959'

+64

1550
1540
1530
1520
1510

20 21 22 23 24 25 26 27 28

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

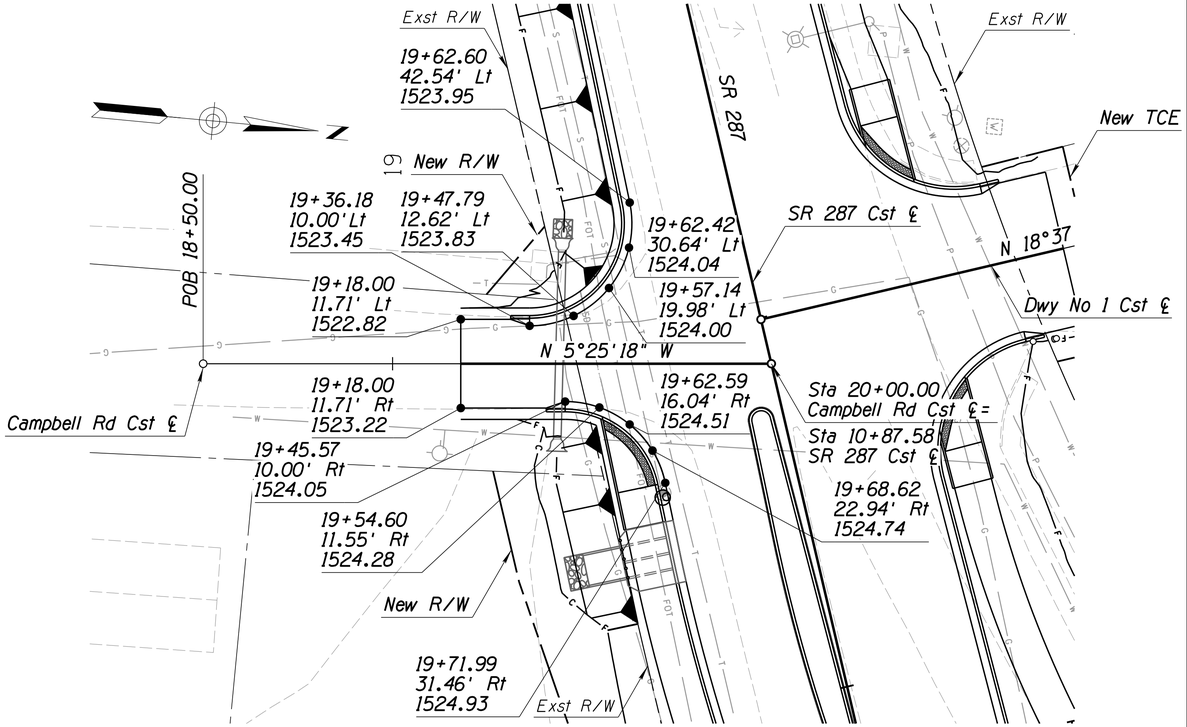
FLORENCE HEIGHTS DRIVE
PROFILE SHEET
Sta 20+00.00to 27+86.44

Registered Professional Engineer (Civil)
Certificate No.
47513
ALLEN R.
HATHCOCK
Date Signed 07/31/2023
ARIZONA U.S.A.

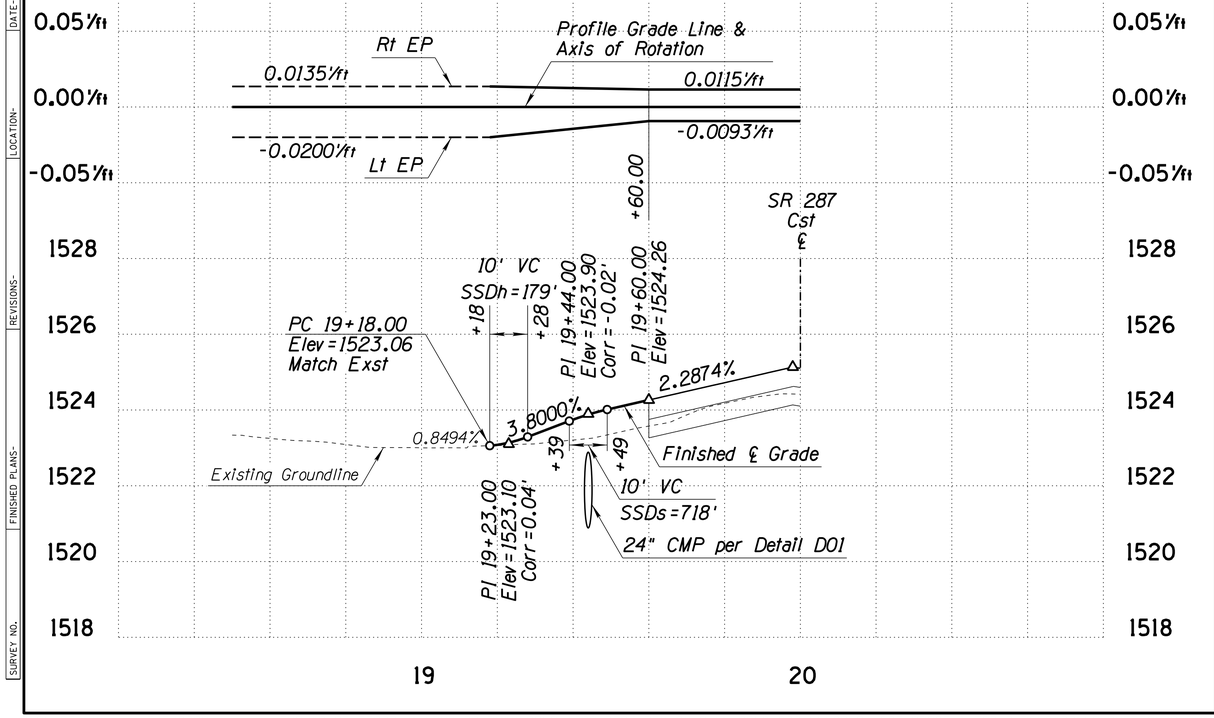
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-04.04
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	55	156	

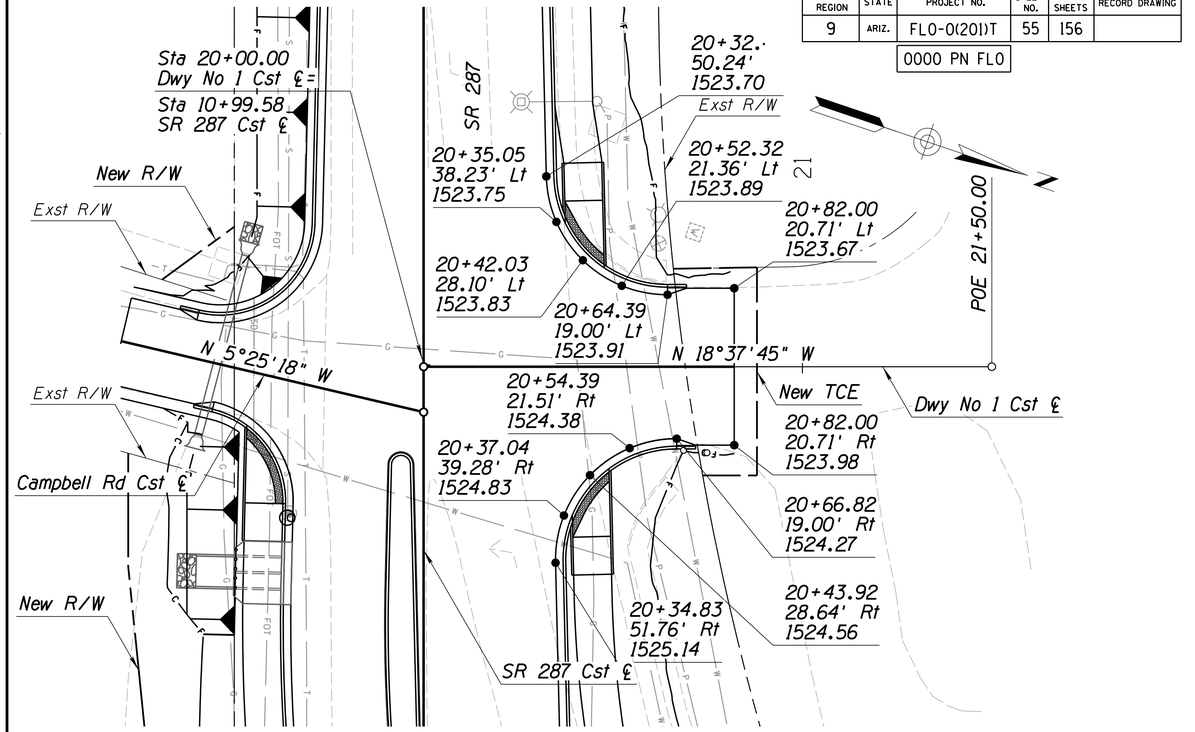
0000 PN FLO



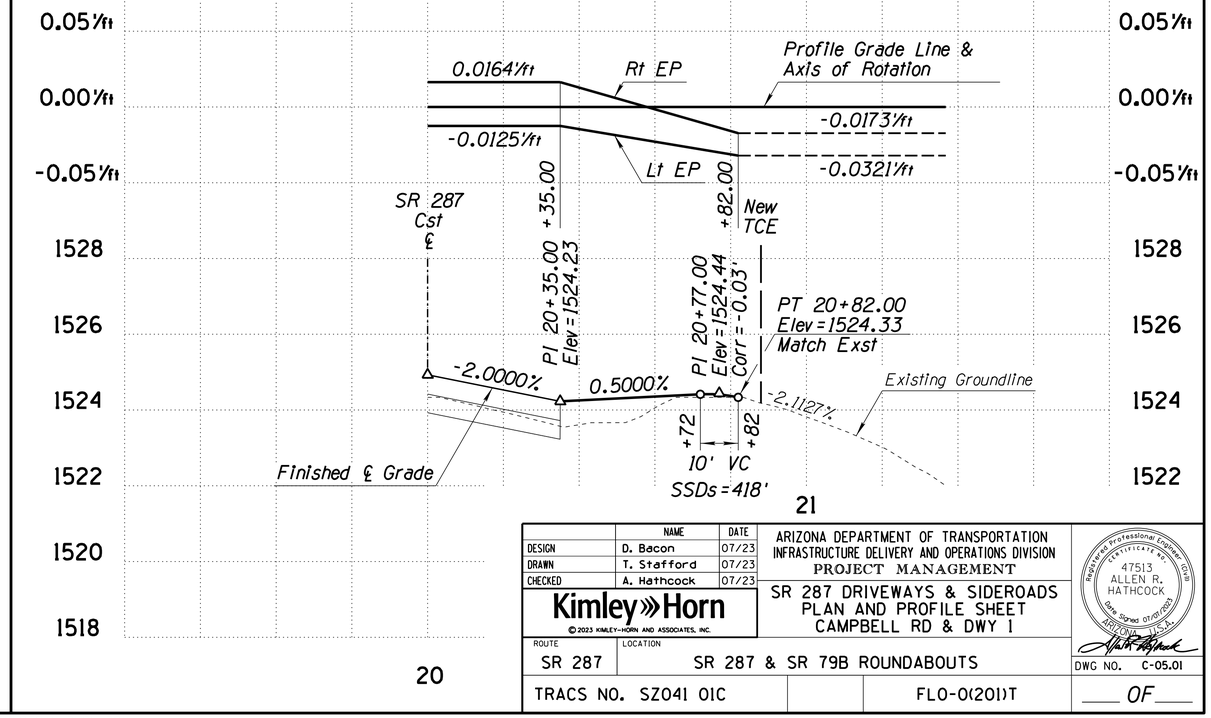
CAMPBELL ROAD



19 20



DRIVEWAY NO 1



20 21

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 287 DRIVEWAYS & SIDEROADS
PLAN AND PROFILE SHEET
CAMPBELL RD & DWY 1

Registered Professional Engineer Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. C-05.01

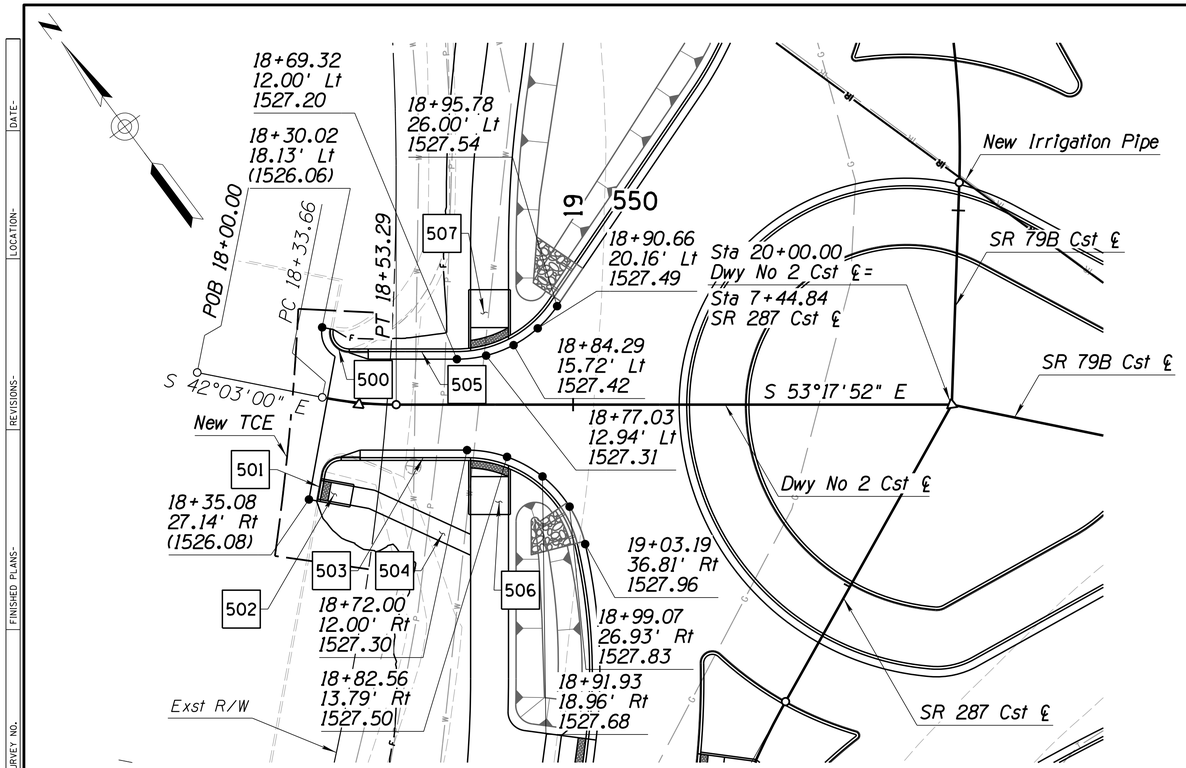
TRACS NO.		
SZ041 01C		FLO-0(201)T

___ OF ___

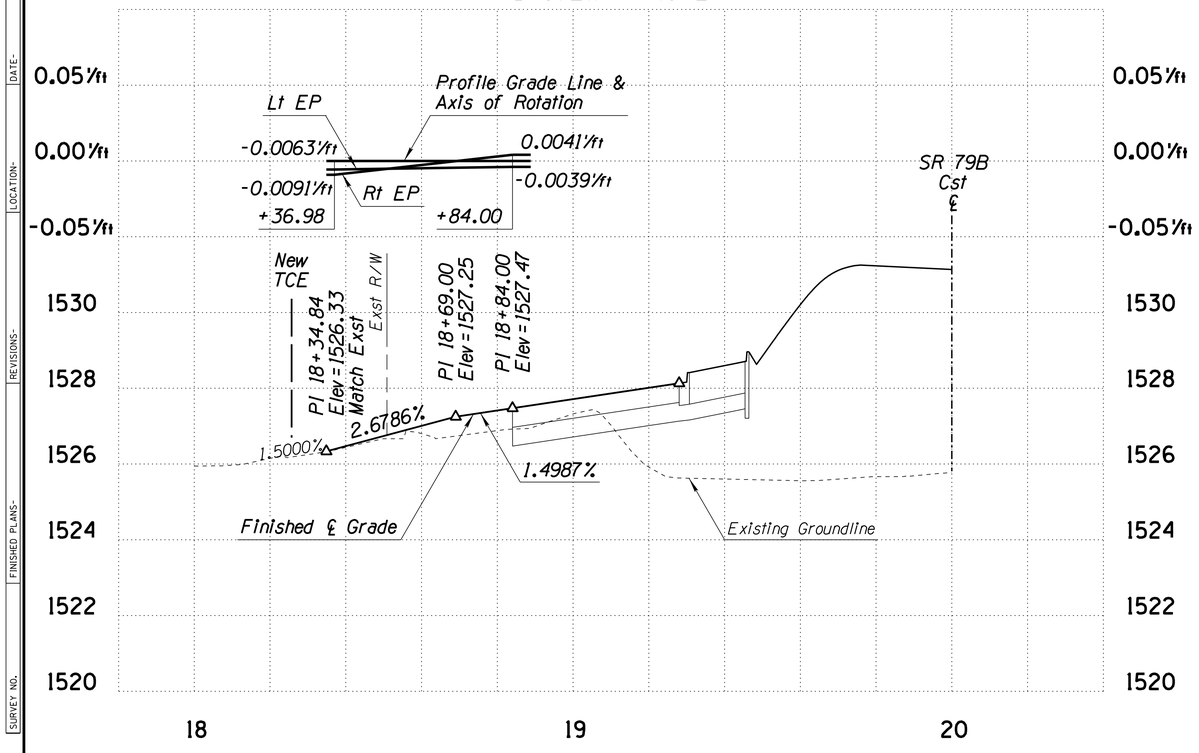
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

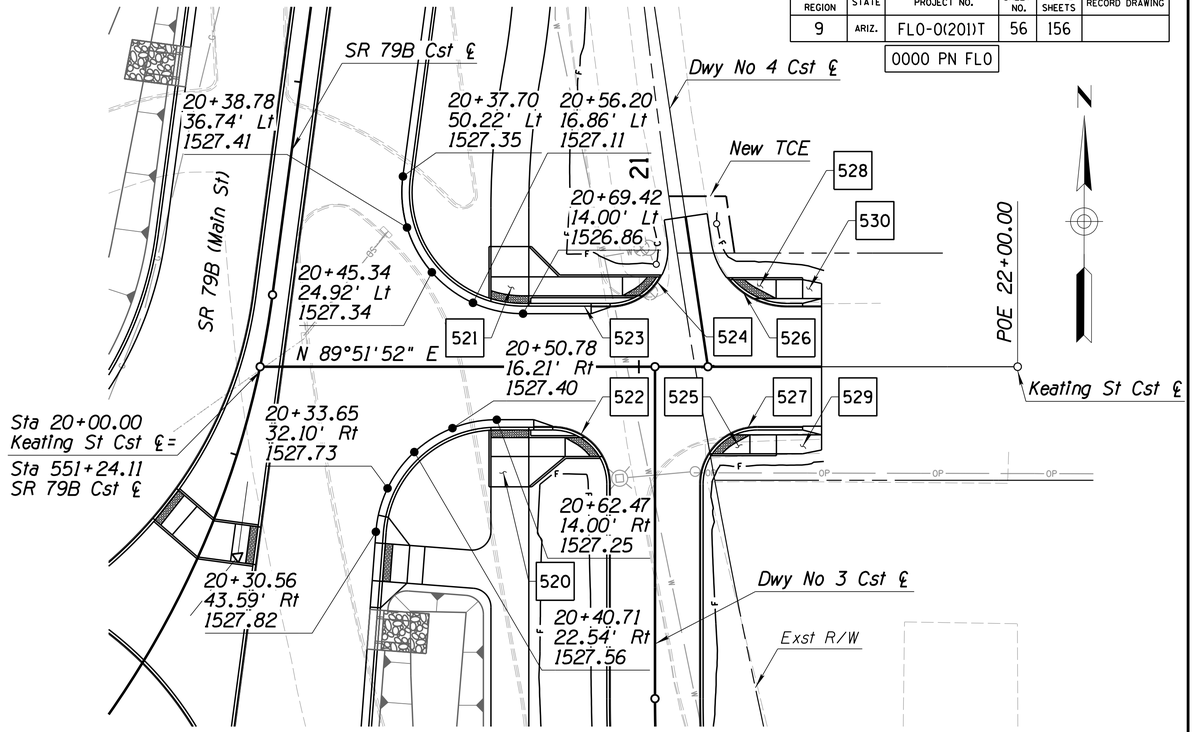
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	56	156	

0000 PN FLO

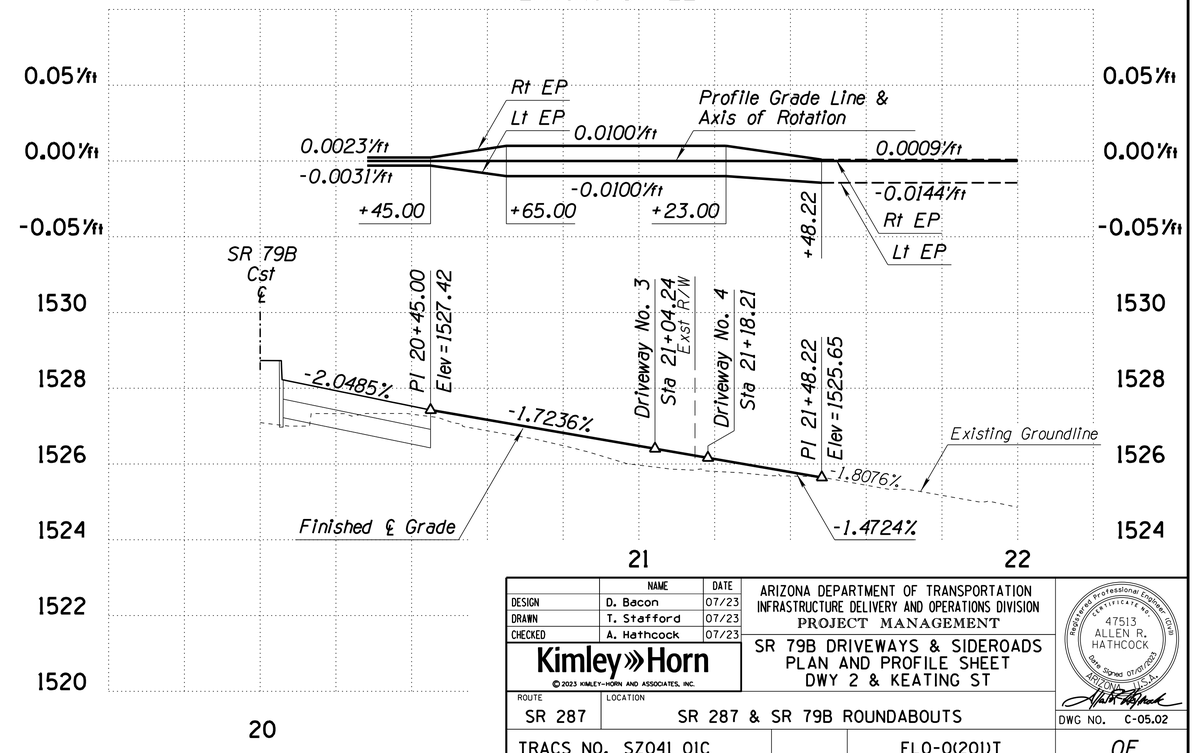


DRIVEWAY NO 2





KEATING STREET



	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 79B DRIVEWAYS & SIDEROADS
PLAN AND PROFILE SHEET
DWY 2 & KEATING ST

Registered Professional Engineer Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

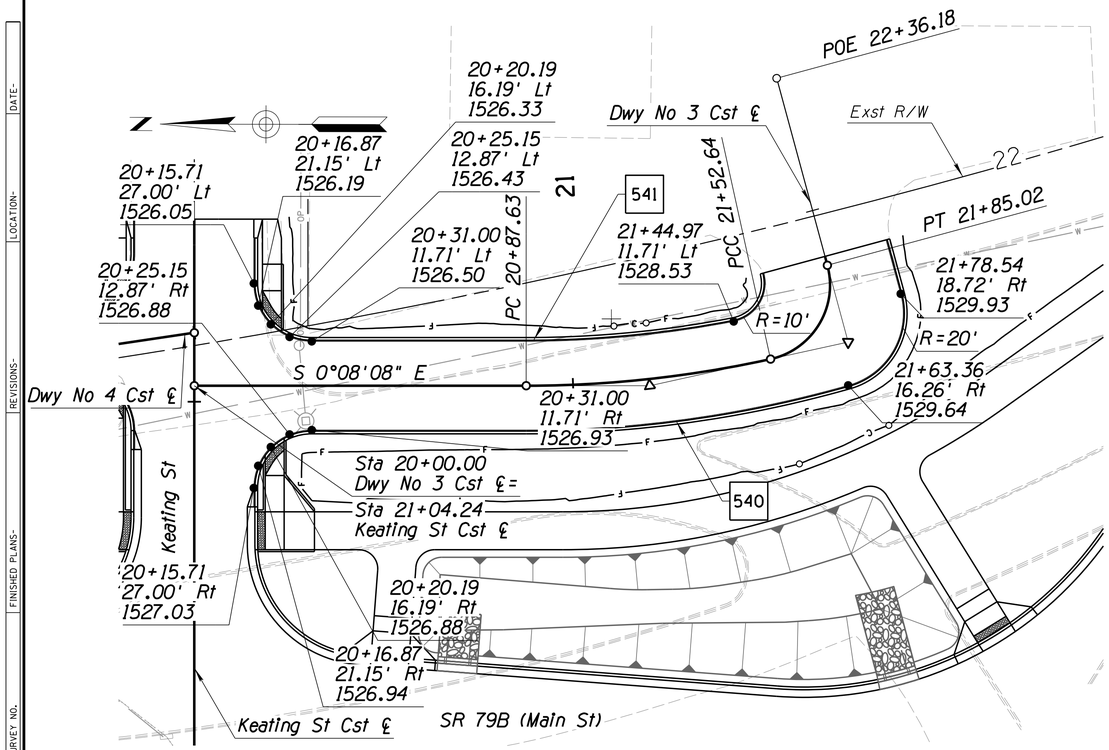
DWG NO. C-05.02

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

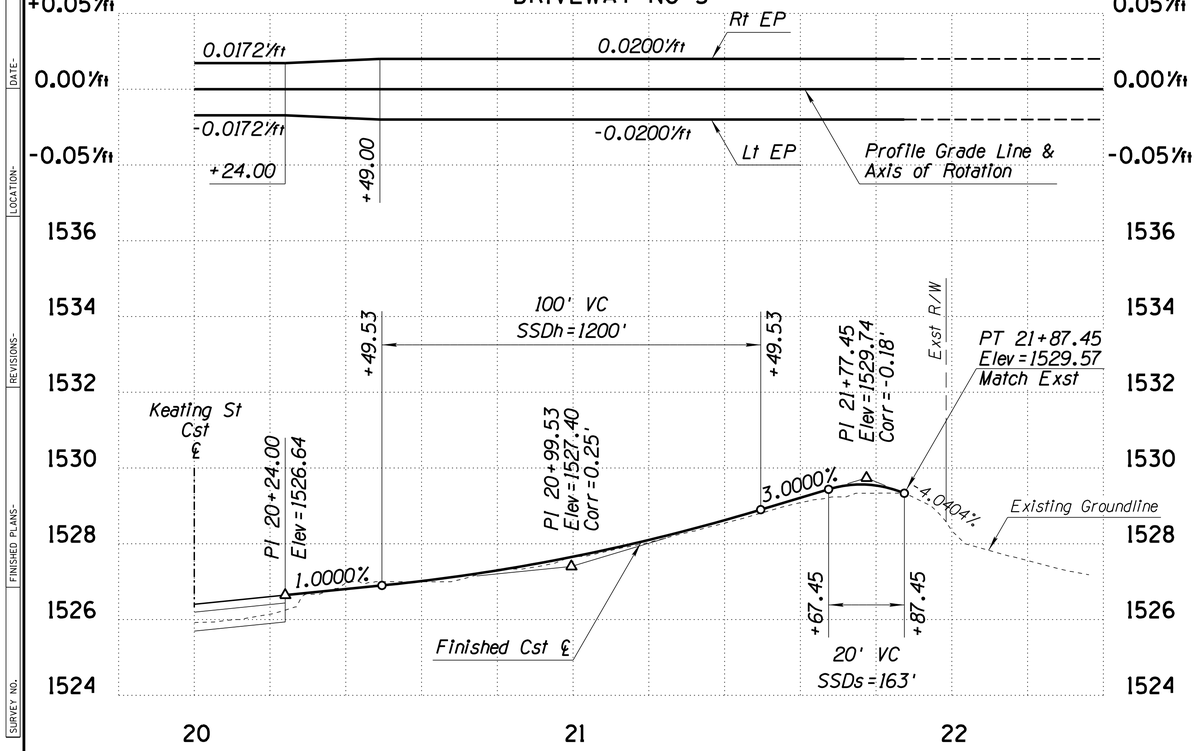
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

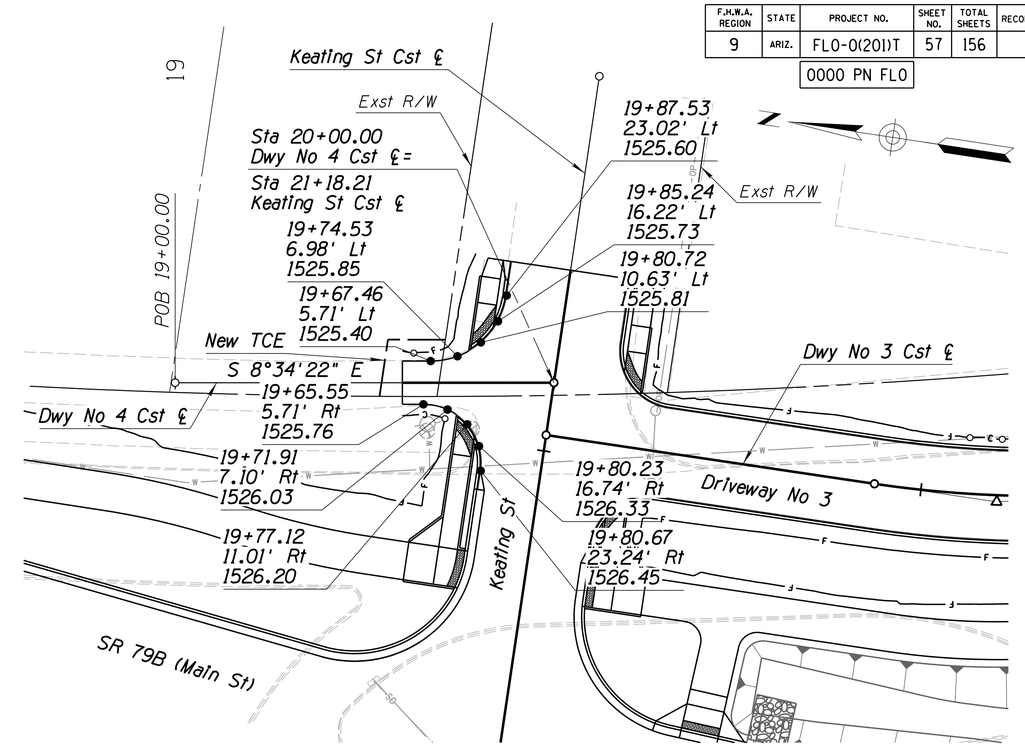
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	57	156	

0000 PN FLO

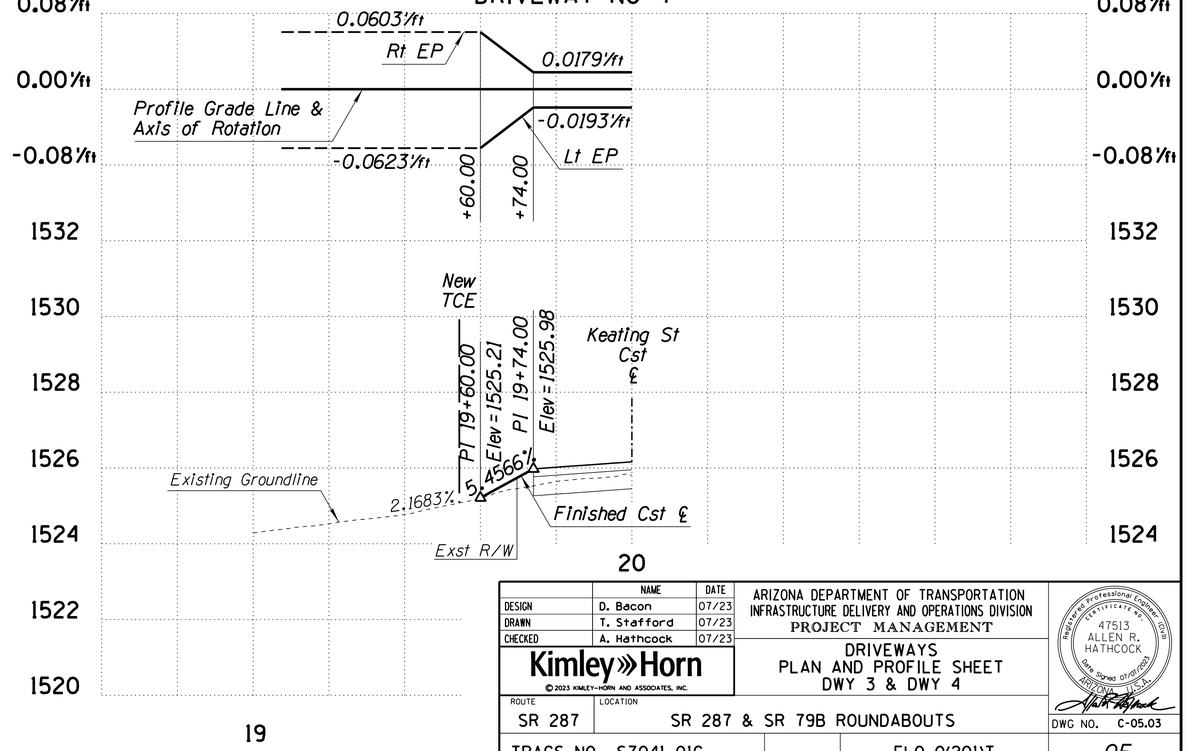


DRIVEWAY NO 3





DRIVEWAY NO 4



	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

DRIVEWAYS
PLAN AND PROFILE SHEET
DWY 3 & DWY 4

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

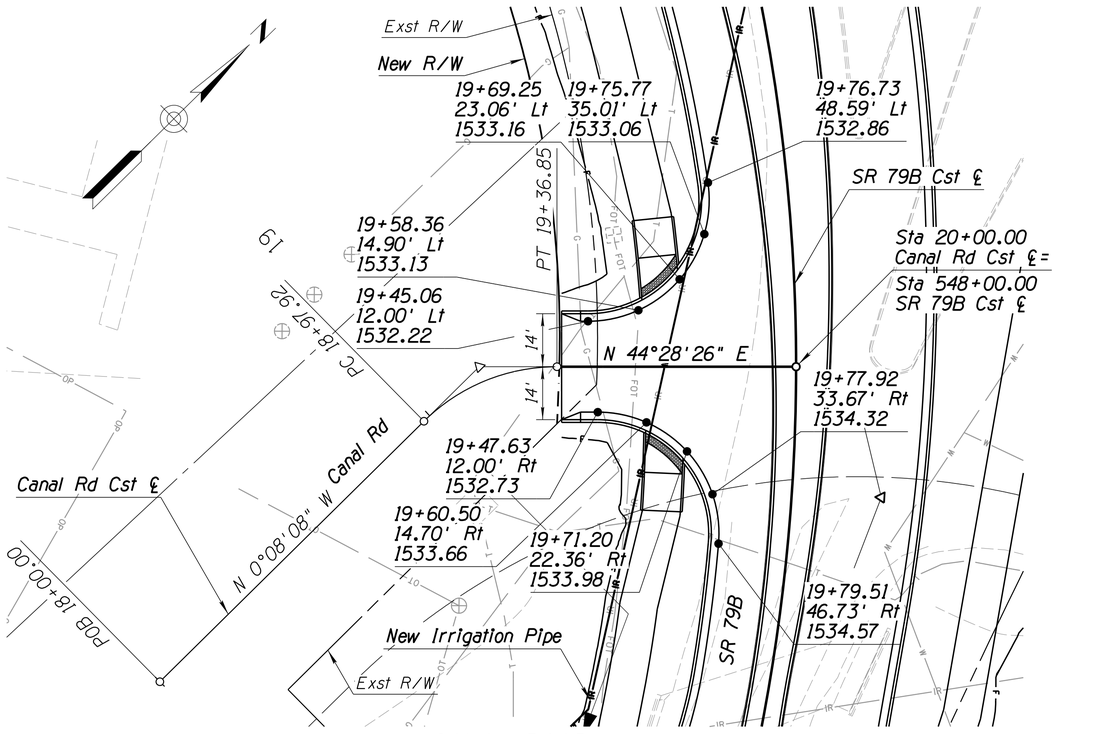
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-05.03
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE- | SURVEY

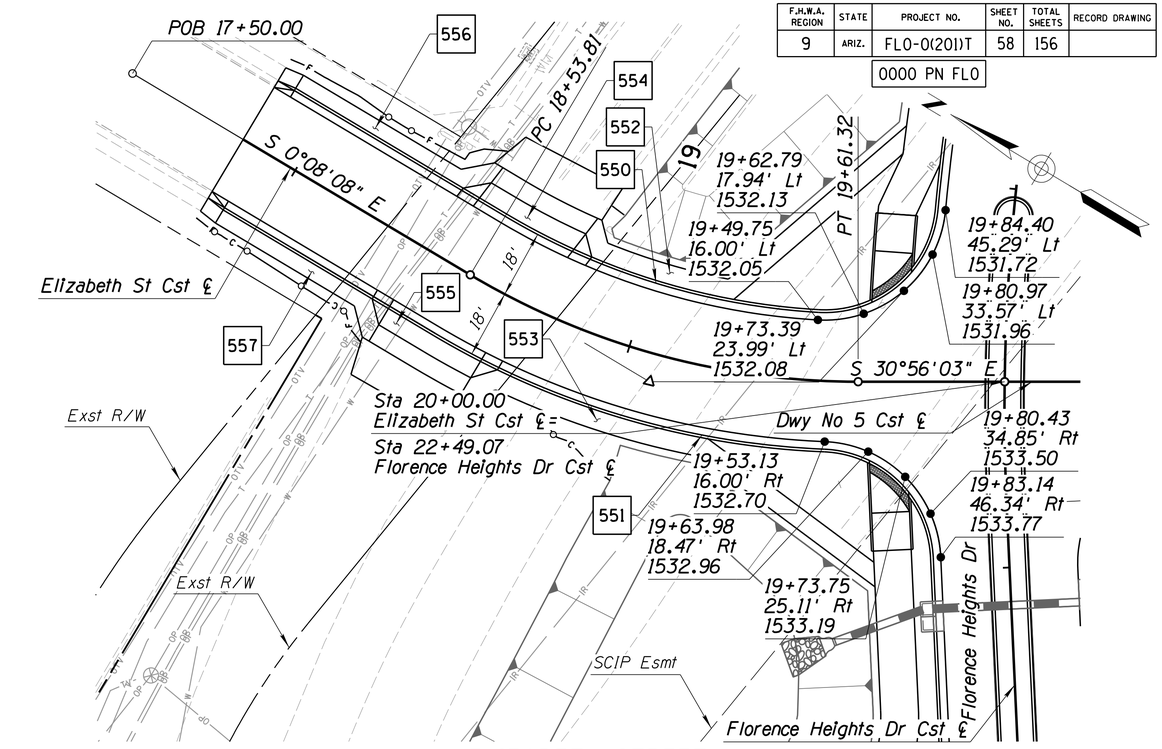
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	58	156	

0000 PN FLO

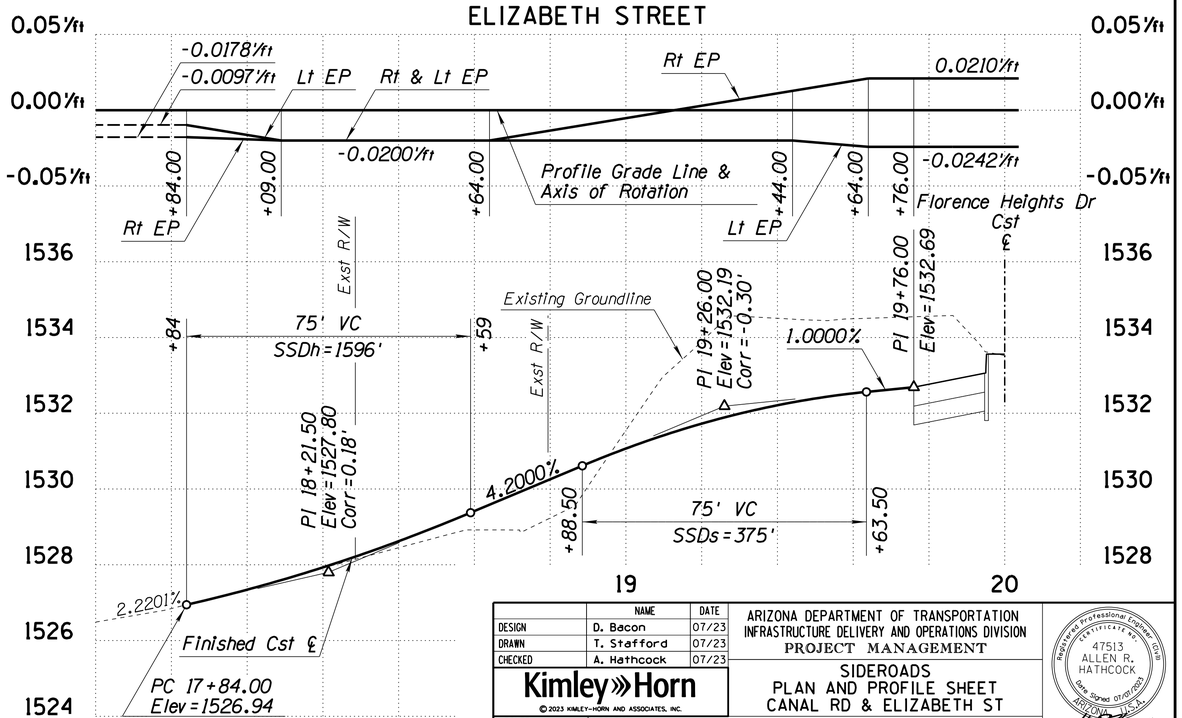
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



CANAL ROAD



ELIZABETH STREET



	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

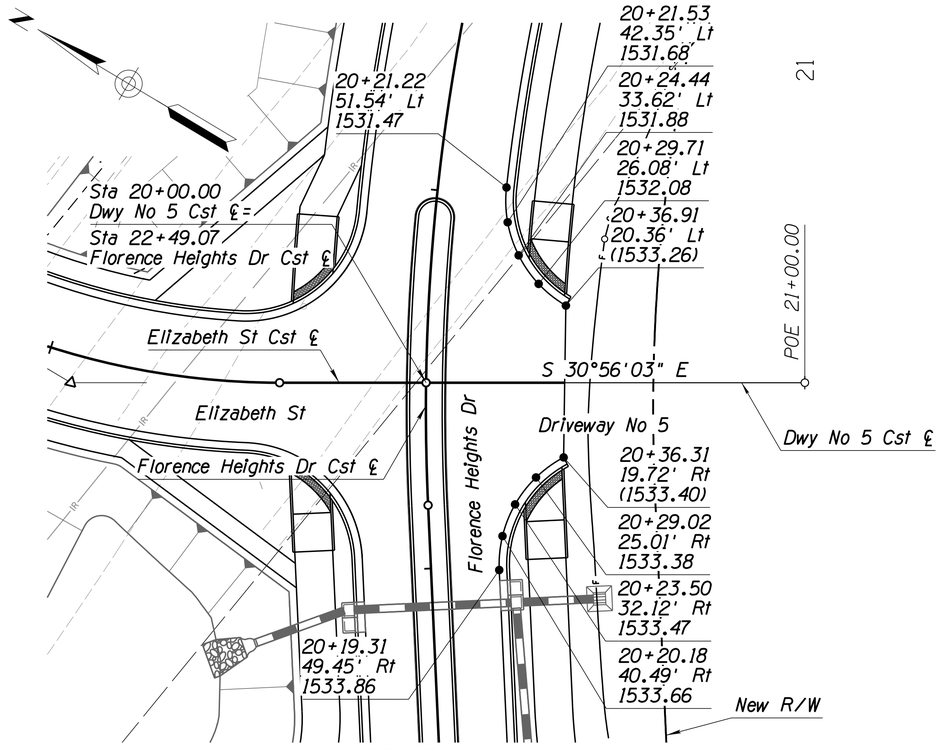
SIDEROADS
PLAN AND PROFILE SHEET
CANAL RD & ELIZABETH ST

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

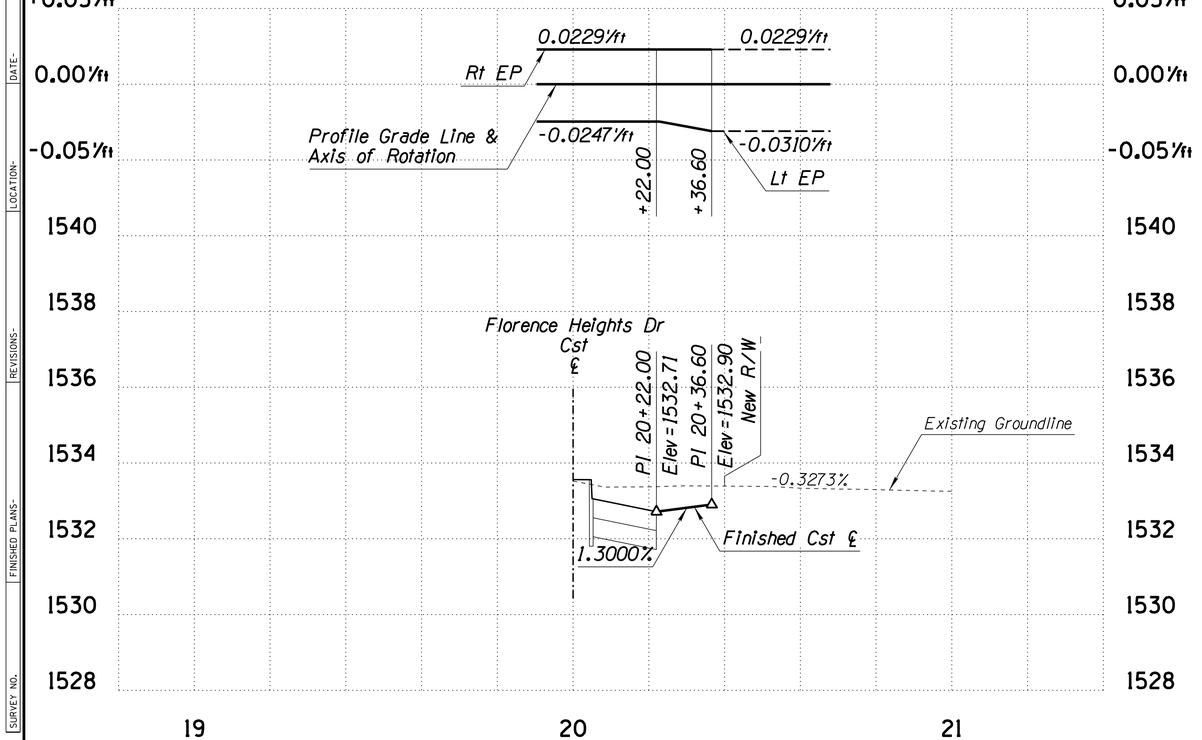
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-05.04
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

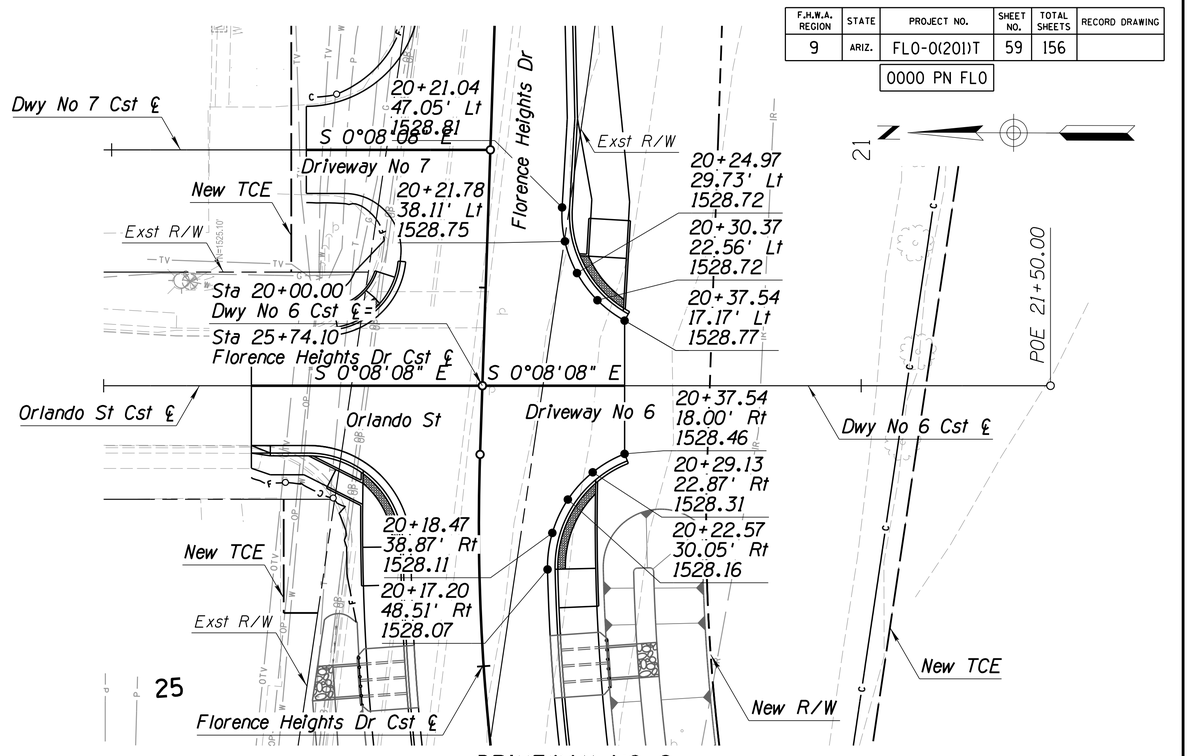
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	59	156	

0000 PN FLO

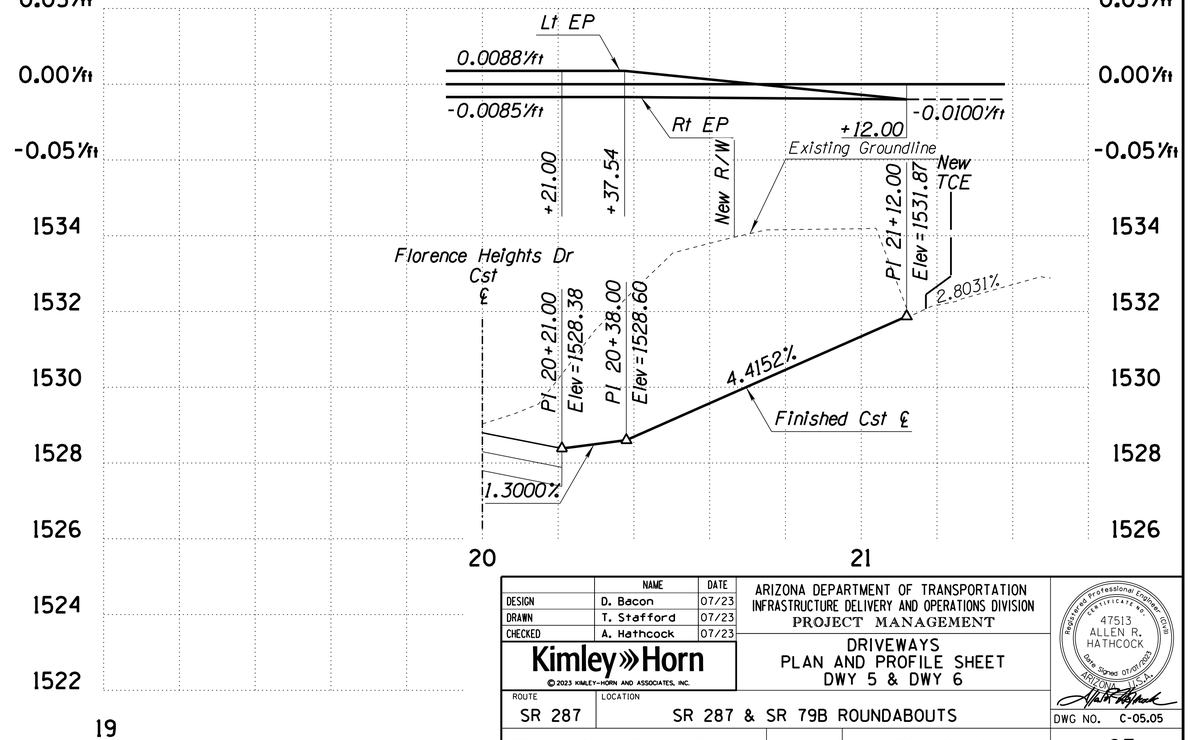


DRIVEWAY NO 5





DRIVEWAY NO 6



	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

DRIVEWAYS
PLAN AND PROFILE SHEET
DWY 5 & DWY 6

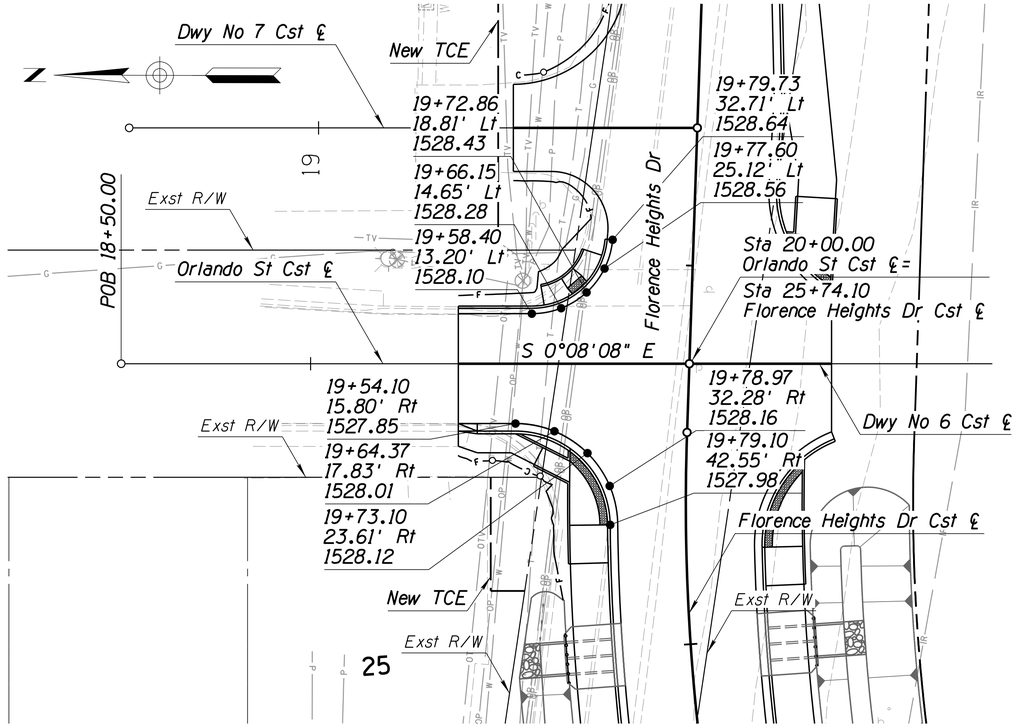
Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-05.05
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

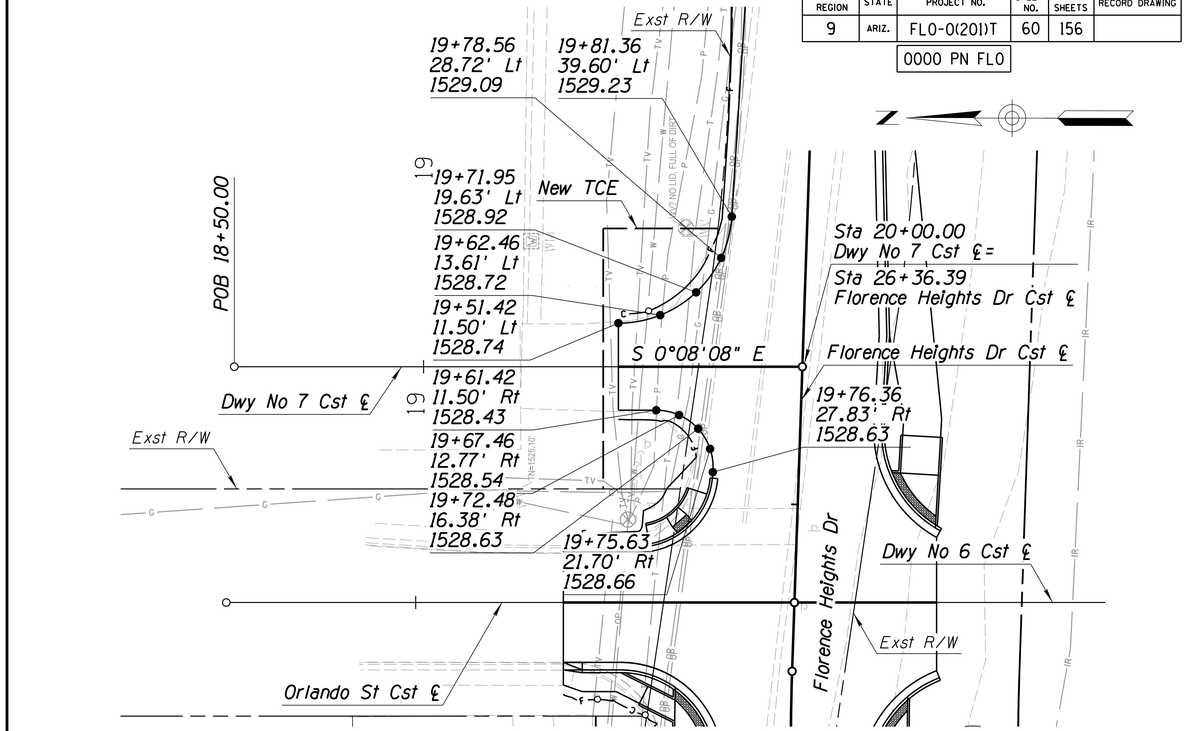
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE- | SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	60	156	

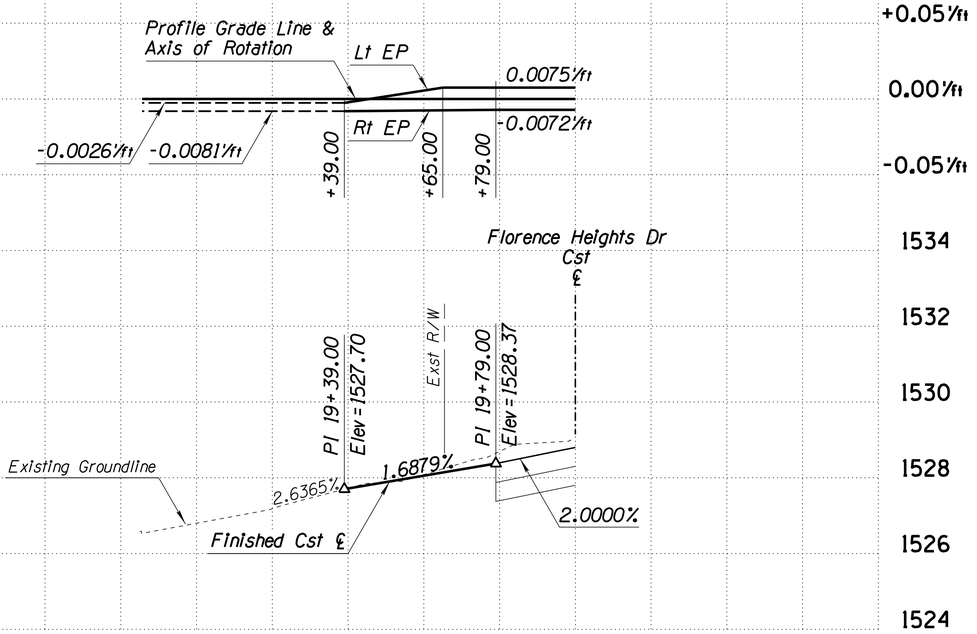
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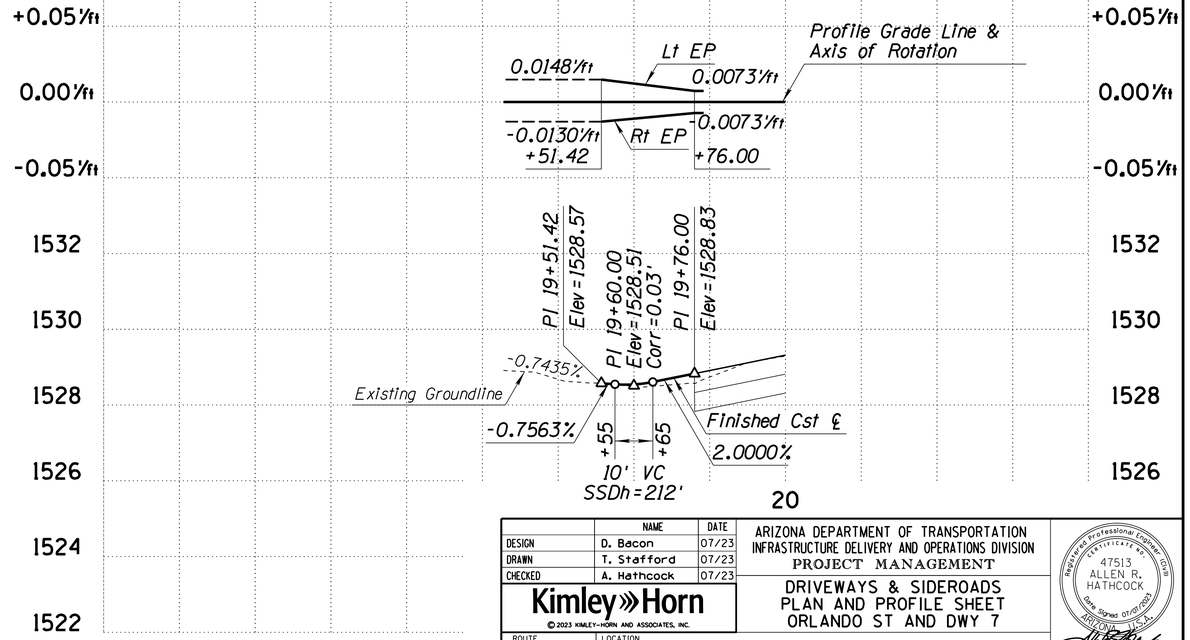


ORLANDO STREET



DRIVEWAY NO 7





	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

DRIVEWAYS & SIDEROADS
PLAN AND PROFILE SHEET
ORLANDO ST AND DWY 7

Registered Professional Engineer Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

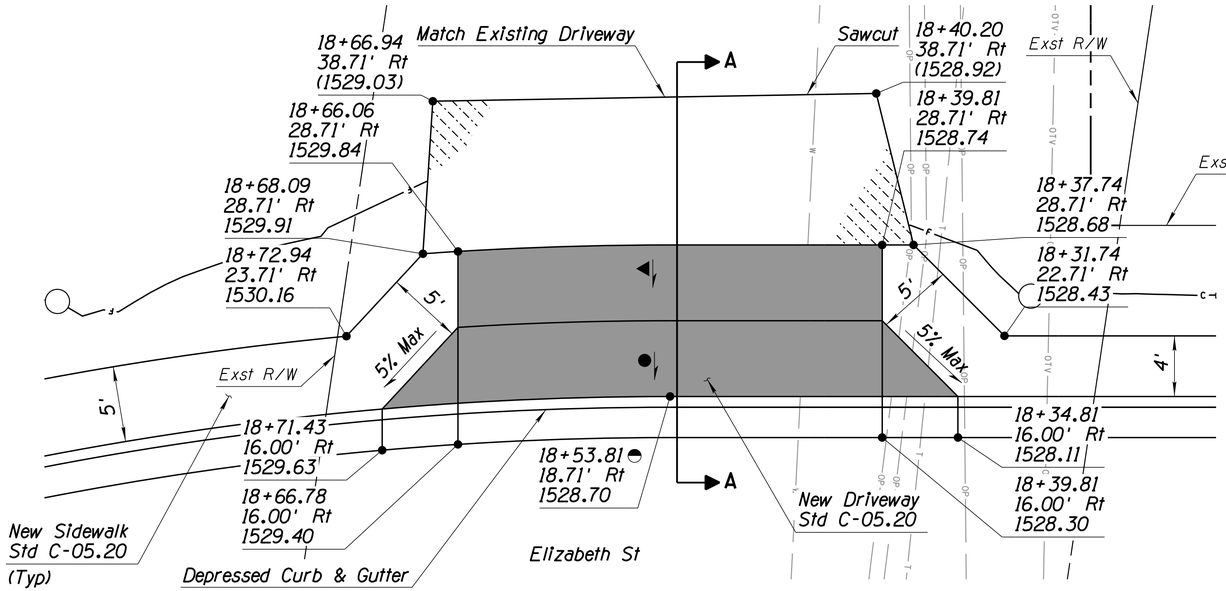
ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. C-05.06

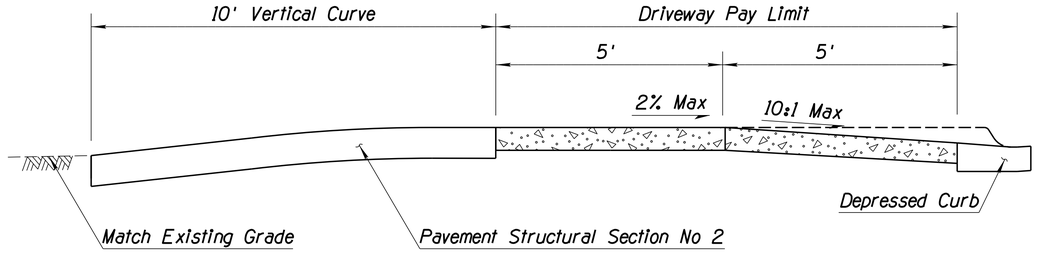
TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

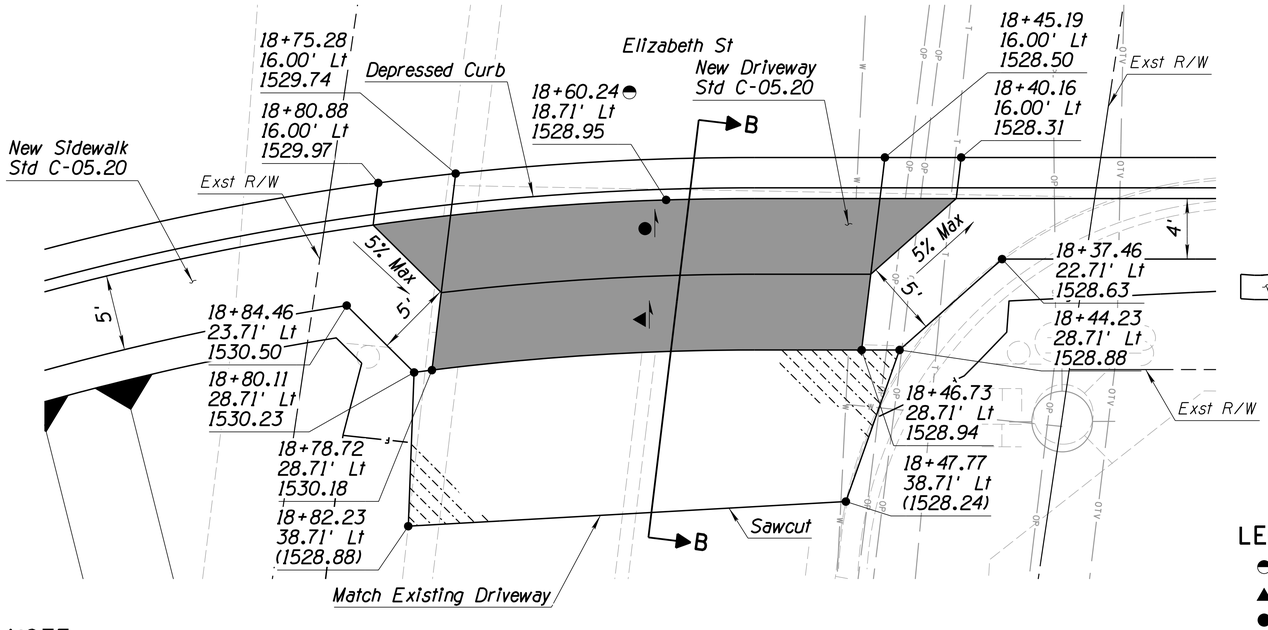
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	61	156	
		0000 PN FLO			



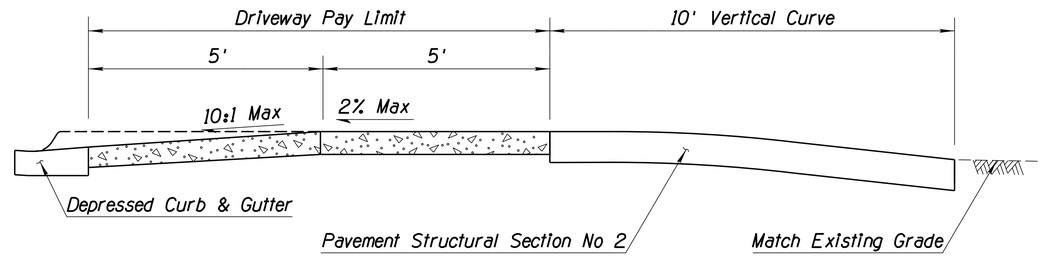
NOTE:
Stations and offsets from Elizabeth St Cst ℄



SECTION A-A
NTS



NOTE:
Stations and offsets from Elizabeth St Cst ℄



SECTION B-B
NTS

LEGEND:
- Driveway Control Point
- ▲ 2% Max Slope
- ● 10:1 Max Slope
- Driveway Pay Limit
- Pavement Structural Section No 2

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

ELIZABETH STREET
DRIVEWAY APRON
STAKING SHEET

Registered Professional Engineer (Civil) Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

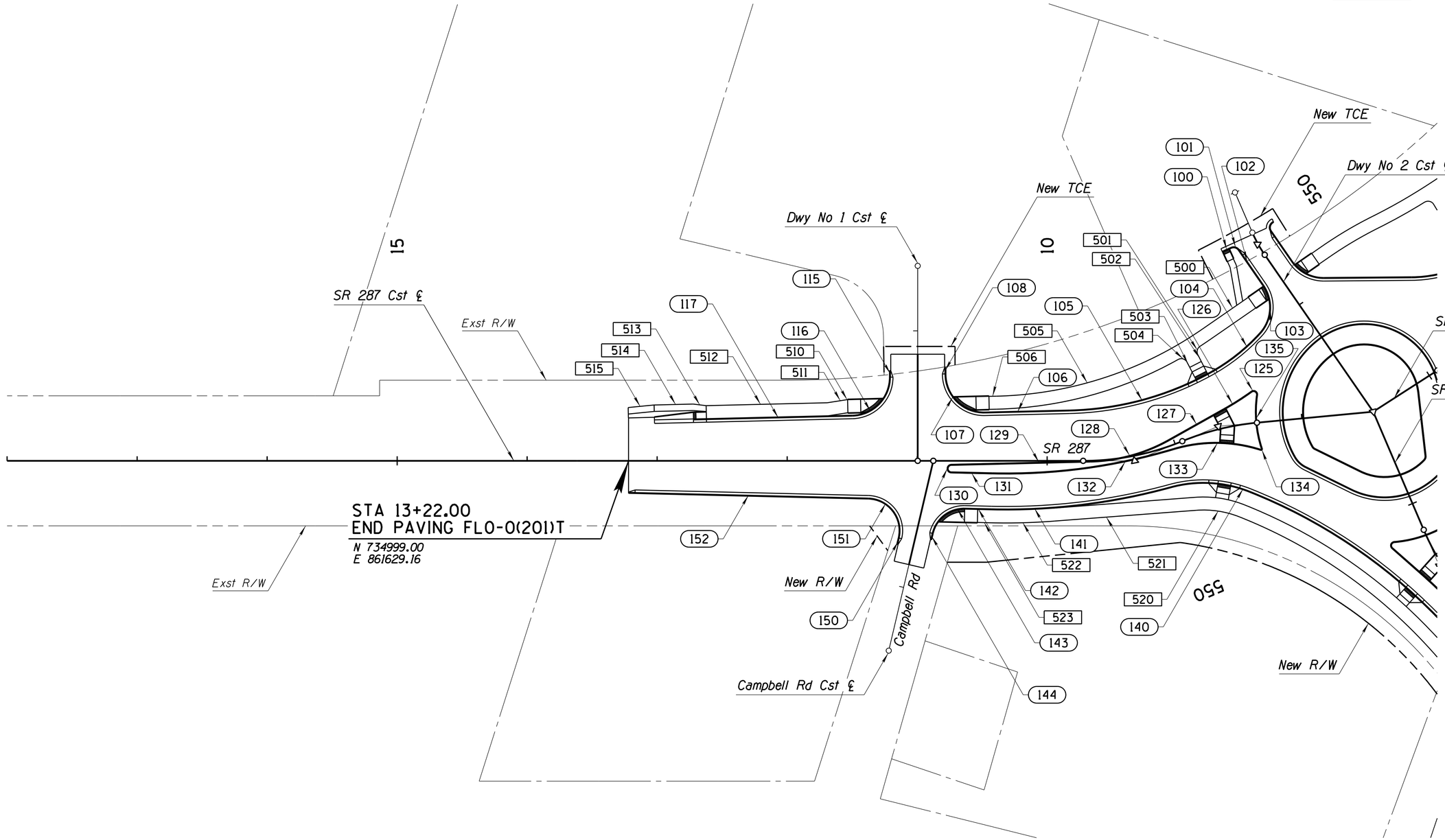
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-05.07

TRACS NO. SZ041 01C | FLO-0(201)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.	FLO-0(201)T	62	156	

0000 PN FLO



LEGEND:

(XXX) *Curb & Gutter Points, See Dwg. C-07.01 - C-07.04*

[XXX] *Sidewalk Points, See Dwg. C-07.04 - C-07.06*

NOTES:

1. All data points are from the face of curb unless otherwise noted.

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 287 CURB & GUTTER/
SIDEWALK CONTROL SHEET
Sta 7+44 to 13+22

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

Registered Professional Engineer, State of Arizona
CERTIFICATE NO.
47513
ALLEN R.
HATHCOCK
Date Signed 07/07/2023
NOT VALID UNLESS SIGNED

DWG NO. C-06.01

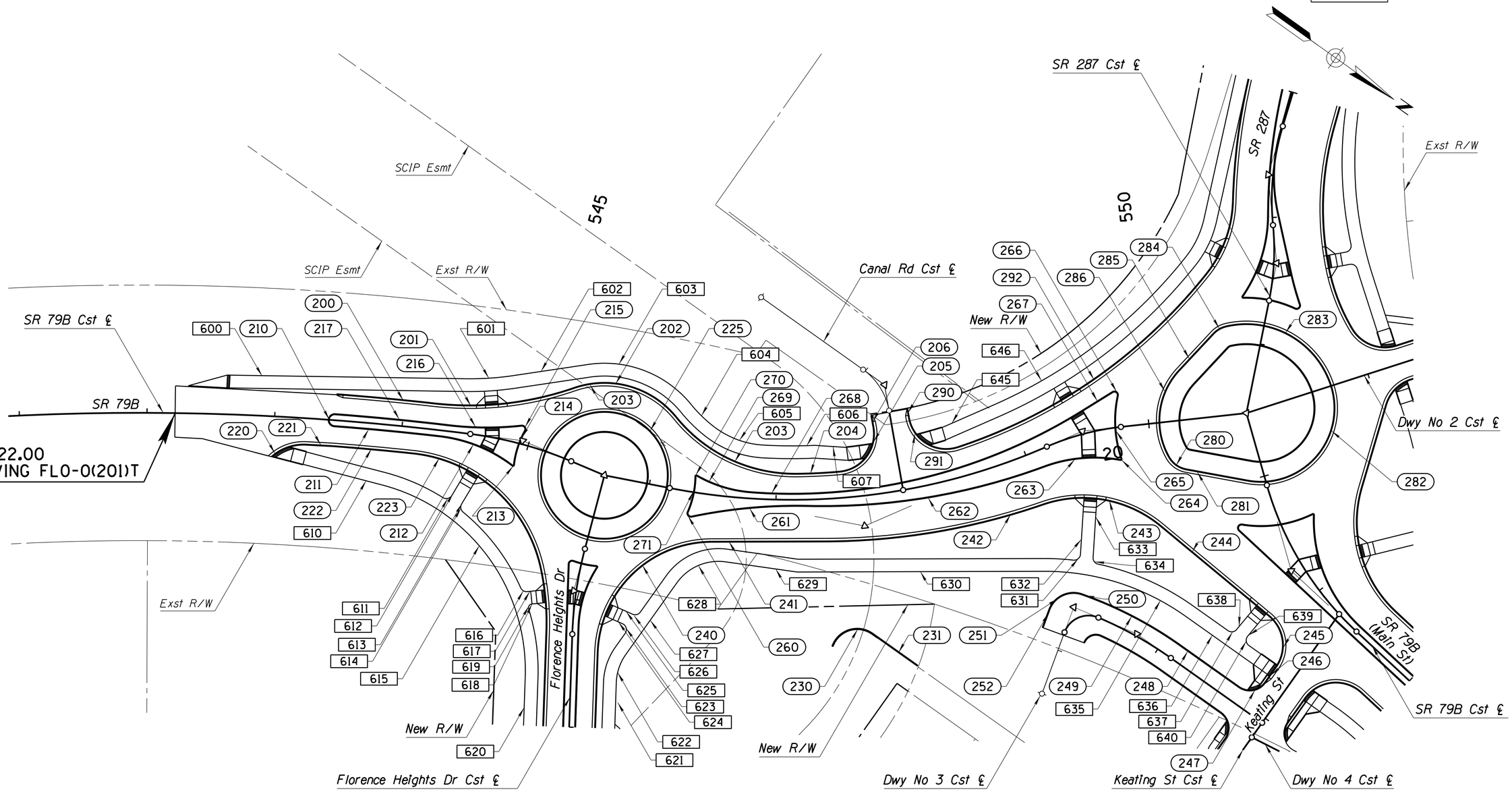
TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

8:01:23 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\ROADWAY\SZ041_GC01.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	63	156	

0000 PN FLO



LEGEND:

(XXX) *Curb & Gutter Points, See Dwg. C-07.01 - C-07.04*

[XXX] *Sidewalk Points, See Dwg. C-07.04 - C-07.06*

NOTES:

1. *All data points are from the face of curb unless otherwise noted.*

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

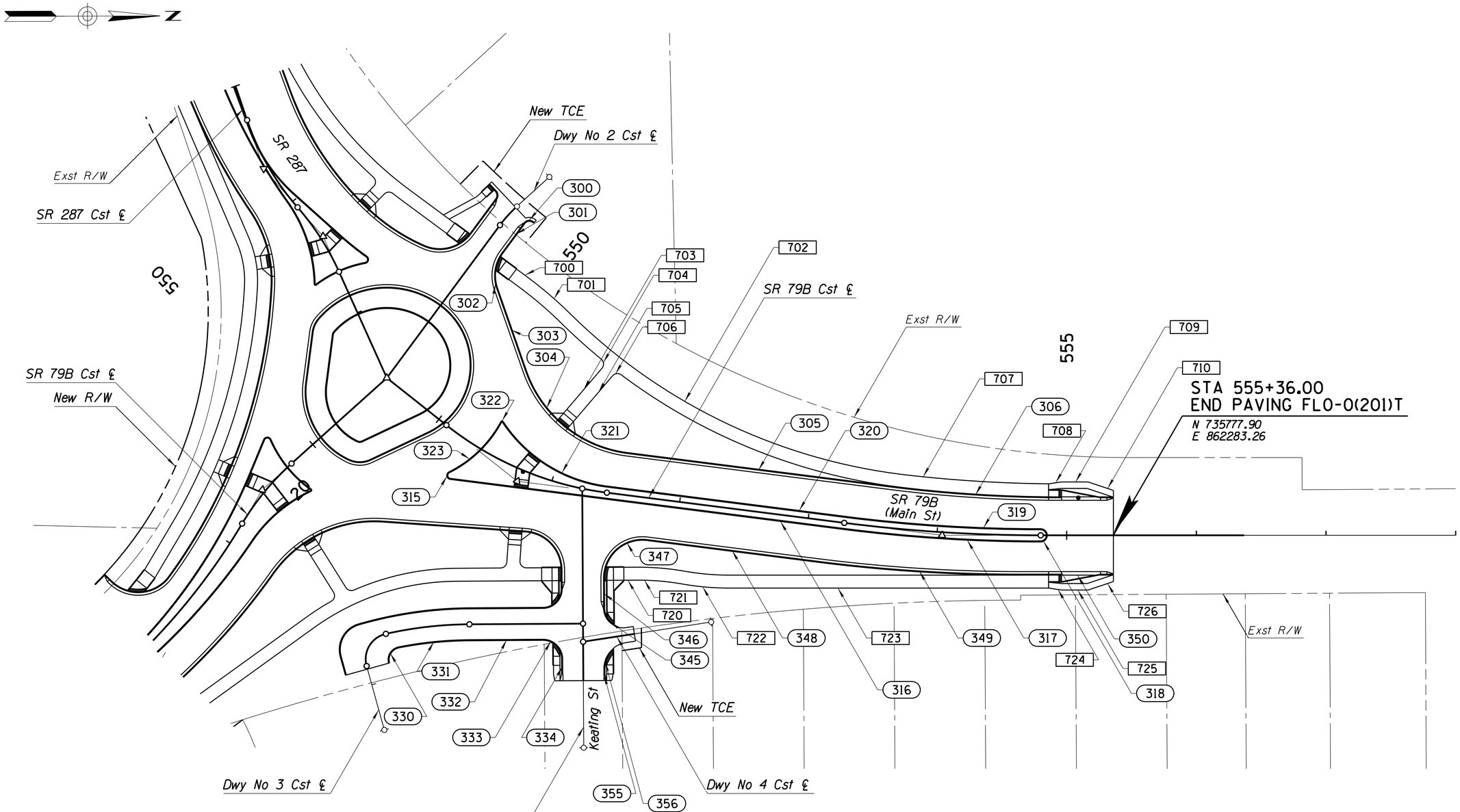
SR 79B CURB & GUTTER/
SIDEWALK CONTROL SHEET
Sta 542+22 to 549+49

Registered Professional Engineer Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-06.02
TRACS NO. SZ041 01C	FLO-0(201)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.	FLO-0(201)T	64	156	
		0000 PN FLO			



LEGEND:

(XXX) *Curb & Gutter Points, See Dwg. C-07.01 - C-07.04*

[XXX] *Sidewalk Points, See Dwg. C-07.04 - C-07.06*

NOTES:

1. All data points are from the face of curb unless otherwise noted.

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 79B CURB & GUTTER/
SIDEWALK CONTROL SHEET
Sta 549+49 to 555+36

Registered Professional Engineer (Civil) Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

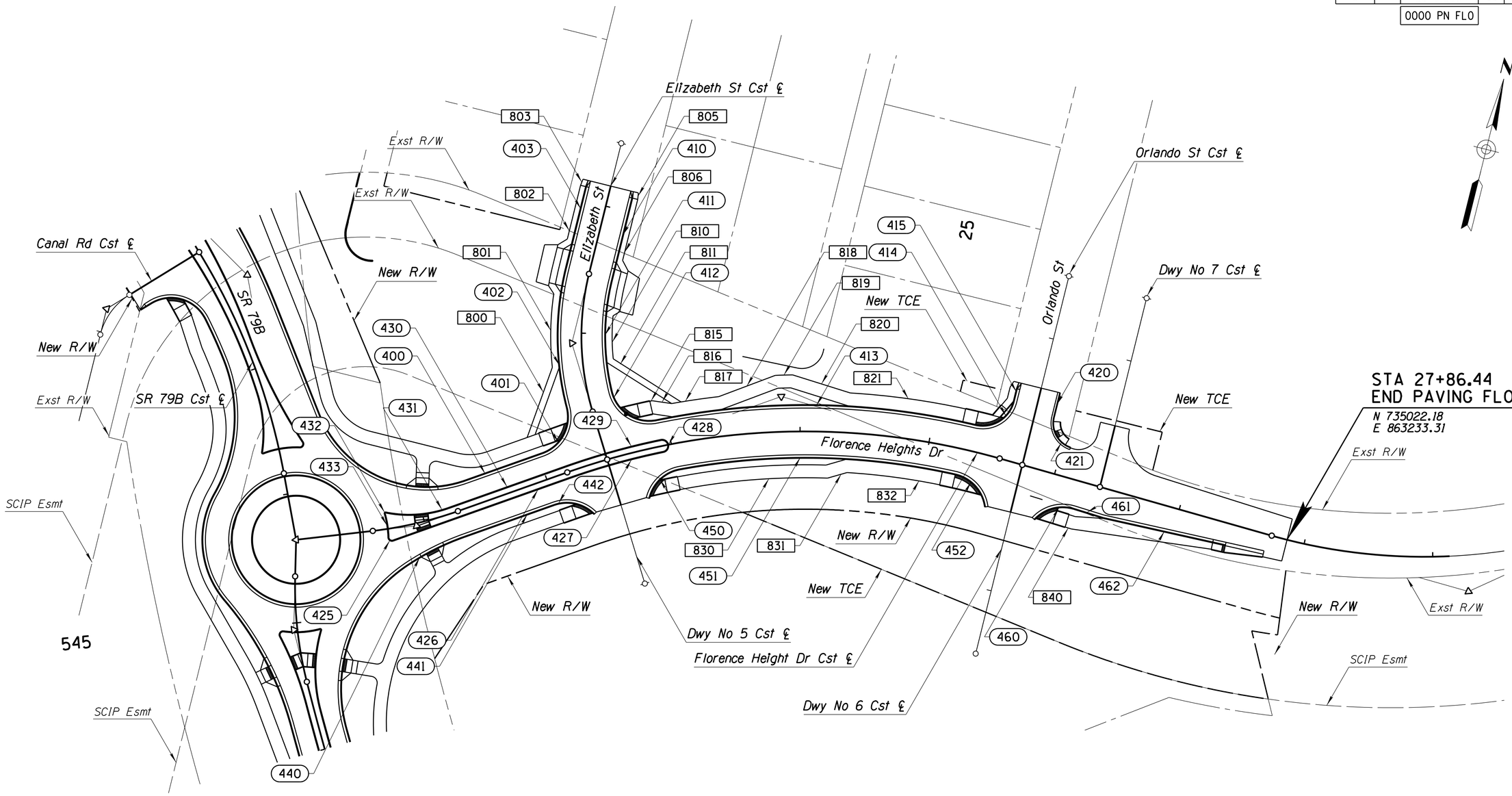
ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. C-06.03

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

SURVEY NO. | DATE- | LOCATION- | REVISIONS- | FINISHED PLANS-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	65	156	
		0000 PN FLO			



LEGEND:

(XXX) *Curb & Gutter Points, See Dwg. C-07.01 - C-07.04*

[XXX] *Sidewalk Points, See Dwg. C-07.04 - C-07.06*

NOTES:

1. All data points are from the face of curb unless otherwise noted.

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

FLORENCE HEIGHTS DRIVE CURB & GUTTER/SIDEWALK CONTROL SHEET
Sta 20+00 to 27+87

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Not Valid Without Signature and Original Seal Arizona U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-06.04
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

8:01:29 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\ROADWAY\SZ041_GC04.DGN

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

SURVEY NO.	FINISHED PLANS	REVISIONS	LOCATION	DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	66	156	
		0000 PN FLO			

CURB AND GUTTER DATA (XXX)

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
100	Dwy 02 Cst ℄	PI	18+36.88	27.15' Rt		
		PC	18+36.98	19.69' Rt		
101	Dwy 02 Cst ℄	PC	18+36.98	19.69' Rt		
		PI	18+37.05	15.52' Rt	5.00'	6.95'
		PT	18+40.63	14.92' Rt		
102	Dwy 02 Cst ℄	PT	18+40.63	14.92' Rt		
		PC	18+72.00	14.00' Rt		
103	SR 287 Cst ℄	PC	8+19.61	104.83' Rt		
		PI	8+07.94	84.00' Rt	30.00'	40.32'
		PCC	8+25.61	67.96' Rt		
104	SR 287 Cst ℄	PCC	8+25.61	67.96' Rt		
		PI	8+42.22	51.30' Rt	150.00'	49.62'
		PCC	8+61.44	43.40' Rt		
105	SR 287 Cst ℄	PCC	8+61.44	43.40' Rt		
		PI	9+15.09	32.96' Rt	236.00'	112.61'
		PT	9+82.55	38.38' Rt		
106	SR 287 Cst ℄	PT	9+82.55	38.38' Rt		
		PC	10+47.87	36.82' Rt		
107	SR 287 Cst ℄	PC	10+47.87	36.82' Rt		
		PI	10+78.58	36.09' Rt	30.00'	47.84'
		PT	10+78.58	66.82' Rt		
108	SR 287 Cst ℄	PT	10+78.58	66.82' Rt		
		PI	10+78.58	1.00' Rt		
115	SR 287 Cst ℄	PT	11+20.58	69.39' Rt		
		PC	11+20.58	64.39' Rt		
116	SR 287 Cst ℄	PC	11+20.58	64.39' Rt		
		PI	11+20.58	35.09' Rt	30.00'	46.41'
		PT	11+49.87	34.40' Rt		
117	SR 287 Cst ℄	PT	11+49.87	34.40' Rt		
		PI	13+02.05	30.77' Rt		
125	SR 287 Cst ℄	PRC	8+32.33	21.13' Rt		
		PI	8+30.67	27.99' Rt	3.00'	7.01'
		PRC	8+36.54	24.43' Rt		
126	SR 287 Cst ℄	PRC	8+36.54	24.43' Rt		
		PI	8+46.52	18.44' Rt	221.00'	25.11'
		PT	8+57.51	14.36' Rt		
127	SR 287 Cst ℄	PT	8+57.51	14.36' Rt		
		PC	9+03.23	4.81' Rt		
128	SR 287 Cst ℄	PC	9+03.23	4.81' Rt		
		PI	9+34.77	3.05' Lt	130.00'	63.38'
		PT	9+66.75	0.33' Lt		

CURB AND GUTTER DATA (XXX)

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
129	SR 287 Cst ℄	PT	9+66.75	0.33' Lt		
		PC	10+73.75	2.80' Lt		
130	SR 287 Cst ℄	PC	10+73.75	2.80' Lt		
		PI	12+08.11	6.00' Lt	3.20'	9.90'
		PT	10+73.75	9.20' Lt		
131	SR 287 Cst ℄	PT	10+73.75	9.20' Lt		
		PC	10+42.20	9.95' Lt		
132	SR 287 Cst ℄	PC	10+42.20	9.95' Lt		
		PI	9+70.97	11.65' Lt	450.00'	141.48'
		PRC	9+02.35	3.54' Lt		
133	SR 287 Cst ℄	PRC	9+02.35	3.54' Lt		
		PI	8+66.99	5.09' Lt	113.00'	67.72'
		PRC	8+33.92	21.32' Lt		
134	SR 287 Cst ℄	PRC	8+33.92	21.32' Lt		
		PI	8+32.11	22.09' Lt	1.00'	2.20'
		PRC	8+32.55	20.17' Lt		
135	SR 287 Cst ℄	PRC	8+32.55	20.17' Lt		
		PI	8+37.30	0.52' Rt	90.00'	41.68'
		PRC	8+32.33	21.13' Rt		
140	SR 287 Cst ℄	PCC	8+49.02	51.57' Lt		
		PI	8+82.03	32.67' Lt	96.00'	62.00'
		PRC	9+13.06	30.06' Lt		
141	SR 287 Cst ℄	PRC	9+13.06	30.06' Lt		
		PI	9+72.75	38.61' Lt	477.00'	139.23'
		PT	10+42.84	36.94' Lt		
142	SR 287 Cst ℄	PT	10+42.84	36.94' Lt		
		PC	10+63.40	36.45' Lt		
143	SR 287 Cst ℄	PC	10+63.40	36.45' Lt		
		PI	10+83.70	35.97' Lt	25.00'	34.10'
		PT	10+88.34	55.74' Lt		
144	SR 287 Cst ℄	PT	10+88.34	55.74' Lt		
		PI	10+89.48	60.60' Lt		
150	SR 287 Cst ℄	PT	11+14.99	64.26' Lt		
		PC	11+13.85	59.39' Lt		
151	SR 287 Cst ℄	PC	11+13.85	59.39' Lt		
		PI	11+06.81	29.42' Lt	25.00'	44.44'
		PT	11+37.59	28.69' Lt		
152	SR 287 Cst ℄	PT	11+37.59	28.69' Lt		
		PI	13+22.00	24.30' Lt		
200	SR 79B Cst ℄	PC	543+47.10	20.00' Lt		
		PI	543+85.12	20.36' Lt	2066.28'	76.78'
		PRC	544+23.13	20.00' Lt		

CURB AND GUTTER DATA (XXX)

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
201	SR 79B Cst ℄	PRC	544+23.13	20.00' Lt		
		PI	544+77.69	21.64' Lt	250.00'	111.25'
		PRC	545+18.94	54.04' Lt		
202	SR 79B Cst ℄	PRC	545+18.94	54.04' Lt		
		PI	545+53.39	87.28' Lt	72.00'	88.05'
		PRC	546+10.37	55.17' Lt		
203	SR 79B Cst ℄	PRC	546+10.37	55.17' Lt		
		PI	546+56.96	16.60' Lt	120.00'	107.76'
		PT	547+15.96	20.00' Lt		
204	SR 79B Cst ℄	PT	547+15.96	20.00' Lt		
		PI	547+33.69	19.71' Lt	415.00'	34.02'
		PC	547+51.40	20.21' Lt		
205	SR 79B Cst ℄	PC	547+51.40	20.21' Lt		
		PI	547+85.43	19.49' Lt	30.00'	49.68'
		PT	547+84.37	52.15' Lt		
206	Canal Rd Cst ℄	PT	19+47.63	14.00' Rt		
		PC	19+38.42	14.00' Rt		
210	SR 79B Cst ℄	PC	543+47.10	5.00' Lt		
					5.00'	15.71'
		PRC	543+47.10	5.00' Rt		
211	SR 79B Cst ℄	PRC	543+47.10	5.00' Rt		
		PI	543+88.77	4.58' Rt	2041.28'	83.15'
		PCC	544+30.45	5.00' Rt		
212	SR 79B Cst ℄	PCC	544+30.45	5.00' Rt		
		PI	544+62.29	4.65' Rt	115.00'	61.78'
		PRC	544+91.98	18.38' Rt		
213	SR 79B Cst ℄	PRC	544+91.98	18.38' Rt		
		PI	544+93.71	19.06' Rt	1.00'	2.11'
		PRC	544+93.44	17.32' Rt		
214	SR 79B Cst ℄	PRC	544+93.44	17.32' Rt		
		PI	544+91.34	3.17' Rt	71.00'	28.21'
		PRC	544+94.86	10.68' Lt		
215	SR 79B Cst ℄	PRC	544+94.86	10.68' Lt		
		PI	544+96.21	16.32' Lt	3.00'	6.57'
		PRC	544+91.04	14.23' Lt		
216	SR 79B Cst ℄	PRC	544+91.04	14.23' Lt		
		PI	544+64.81	5.37' Lt	250.00'	56.73'
		PRC	544+36.56	5.00' Lt		

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

CURB & GUTTER CONTROL DATA

ROUTE: SR 287 | LOCATION: SR 287 & SR 79B ROUNDABOUTS

Registered Professional Engineer, CERTIFICATE NO. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023, ARIZONA, U.S.A.

DWG NO. C-07.01

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	67	156	
		0000 PN FLO			

CURB AND GUTTER DATA (XXX)

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
217	SR 79B Cst ℄	PRC	544+36.56	5.00' Lt		
		PI	543+91.83	5.49' Lt	2051.28'	89.68'
		PT	543+47.10	5.00' Lt		
220	SR 79B Cst ℄	PC	542+98.84	31.60' Rt		
		PI	543+10.14	20.41' Rt	38.00'	29.95'
		PT	543+26.10	20.33' Rt		
221	SR 79B Cst ℄	PT	543+26.10	20.33' Rt		
		PC	543+47.10	20.00' Rt		
222	SR 79B Cst ℄	PC	543+47.10	20.00' Rt		
		PI	543+79.02	19.75' Rt	2026.28'	63.21'
		PCC	544+10.94	20.00' Rt		
223	SR 79B Cst ℄	PCC	544+10.94	20.00' Rt		
		PI	544+96.85	15.78' Rt	115.00'	143.92'
		PCC	545+46.88	86.11' Rt		
225	SR 79B Cst ℄					
		CC	545+64.11	0.00' Rt	50.00'	314.16'
230	SR 79B Cst ℄	PC	547+38.45	115.56' Rt		
		PI	547+47.17	90.94' Rt	20.29'	37.43'
		PT	547+64.20	108.26' Rt		
231	SR 79B Cst ℄	PT	547+64.20	108.26' Rt		
		PI	547+89.77	137.70' Rt		
240	SR 79B Cst ℄	PC	545+85.09	137.12' Rt		
		PI	545+71.42	51.46' Rt	90.00'	138.06'
		PT	546+53.84	36.15' Rt		
241	SR 79B Cst ℄	PT	546+53.84	36.15' Rt		
		PC	547+36.76	32.87' Rt		
242	SR 79B Cst ℄	PC	547+36.76	32.87' Rt		
		PI	548+17.59	43.99' Rt	527.00'	173.71'
		PRC	548+98.44	40.37' Rt		
243	SR 79B Cst ℄	PRC	548+98.44	40.37' Rt		
		PI	549+59.43	40.75' Rt	96.00'	98.38'
		PT	550+00.79	80.25' Rt		

CURB AND GUTTER DATA (XXX)

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
244	SR 79B Cst ℄	PT	550+00.79	80.25' Rt		
		PC	550+93.32	43.16' Rt		
245	SR 79B Cst ℄	PC	A 550+93.32	43.16' Rt		
		PI	A 551+16.76	37.34' Rt	30.00'	44.86'
		PT	A 551+21.99	64.44' Rt		
246	KS Cst ℄	PT	20+62.47	16.00' Rt		
		PC	20+77.24	16.00' Rt		
247	KS Cst ℄	PC	20+77.24	16.00' Rt		
		PI	20+92.24	16.00' Rt	15.00'	23.56'
		PT	20+92.24	31.00' Rt		
248	Dwy 03 Cst ℄	PT	20+31.00	12.00' Rt		
		PC	20+87.63	12.00' Rt		
249	Dwy 03 Cst ℄	PC	20+87.63	12.00' Rt		
		PI	21+27.34	14.75' Rt	312.00'	82.61'
		PT	21+61.49	15.01' Rt		
250	Dwy 03 Cst ℄	PT	21+61.49	15.01' Rt		
		PC	21+63.29	16.52' Rt		
251	Dwy 03 Cst ℄	PC	21+63.29	16.52' Rt		
		PI	21+70.66	29.13' Rt	20.00'	31.42'
		PT	21+78.59	19.00' Rt		
252	Dwy 03 Cst ℄	PT	21+78.59	19.00' Rt		
		PC	21+87.45	17.00' Rt		
260	SR 79B Cst ℄	PC	546+32.86	15.83' Rt		
		PI	546+31.46	21.47' Rt	3.00'	6.57'
		PRC	546+36.69	19.40' Rt		
261	SR 79B Cst ℄	PRC	546+36.69	19.40' Rt		
		PI	546+79.47	5.12' Rt	400.00'	91.76'
		PRC	547+25.10	5.26' Rt		
262	SR 79B Cst ℄	PRC	547+25.10	5.26' Rt		
		PI	548+17.49	18.74' Rt	500.00'	188.57'
		PRC	549+09.88	13.83' Rt		
263	SR 79B Cst ℄	PRC	549+09.88	13.83' Rt		
		PI	549+42.40	14.12' Rt	113.00'	60.50'
		PRC	549+74.30	25.92' Rt		
264	SR 79B Cst ℄	PRC	549+74.30	25.92' Rt		
		PI	549+76.17	26.44' Rt	1.00'	2.08'
		PRC	549+75.76	24.77' Rt		
265	SR 79B Cst ℄	PRC	549+75.76	24.77' Rt		
		PI	549+70.48	0.32' Lt	92.00'	49.89'
		PRC	549+78.57	24.43' Lt		
266	SR 79B Cst ℄	PRC	549+78.57	24.43' Lt		
		PI	549+80.81	31.13' Lt	3.00'	7.01'
		PT	549+74.88	28.12' Lt		

CURB AND GUTTER DATA (XXX)

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
267	SR 79B Cst ℄	PT	549+74.88	28.12' Lt		
		PC	549+50.70	17.70' Lt		
268	SR 79B Cst ℄	PC	549+50.70	17.70' Lt		
		PI	548+17.54	15.55' Rt	430.00'	270.29'
		PCC	546+80.27	5.17' Lt		
269	SR 79B Cst ℄	PCC	546+80.27	5.17' Lt		
		PI	546+57.25	4.87' Lt	100.00'	44.80'
		PRC	546+35.79	13.55' Lt		
270	SR 79B Cst ℄	PRC	546+35.79	13.55' Lt		
		PI	546+34.15	14.16' Lt	1.00'	2.08'
		PRC	546+34.40	12.47' Lt		
271	SR 79B Cst ℄	PRC	546+34.40	12.47' Lt		
		PI	546+36.48	1.84' Rt	71.00'	28.53'
		PT	546+32.86	15.83' Rt		
280	SR 79B Cst ℄	PC	550+12.60	27.75' Rt		
		PI	550+16.29	36.30' Rt	20.00'	17.43'
		PT	550+25.22	38.97' Rt		
281	SR 79B Cst ℄	PT	550+25.22	38.97' Rt		
		PC	550+00.11	13.71' Rt		
282	SR 79B Cst ℄	PC	550+00.11	13.71' Rt		
	SR 79B Cst ℄	PI	550+58.79	71.16' Lt	58.00'	120.67'
	SR 287 Cst ℄	PCC	7+80.12	60.46' Rt		
283	SR 287 Cst ℄	PCC	7+80.12	60.46' Rt		
	SR 287 Cst ℄	PI	8+34.94	28.46' Rt	70.00'	103.16'
	SR 79B Cst ℄	PCC	550+68.37	69.48' Lt		
284	SR 79B Cst ℄	PCC	550+68.37	69.48' Lt		
		PI	550+62.36	68.75' Lt	20.00'	11.76'
		PT	550+57.76	64.80' Lt		
285	SR 79B Cst ℄	PT	550+57.76	64.80' Lt		
		PC	550+28.04	39.27' Lt		
286	SR 79B Cst ℄	PC	550+28.04	39.27' Lt		
		PI	549+95.65	11.45' Lt	58.00'	73.62'
		PT	550+12.60	27.75' Rt		

CST CL ABBREVIATIONS:

KS - Keating Street

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

CURB & GUTTER CONTROL DATA

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-07.02

TRACS NO.		FLO-0(201)T	___ OF ___
SZ041 01C			

DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	68	156	
		0000 PN FLO			

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

CURB AND GUTTER DATA (XXX)

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
290	SR 79B Cst ℄	PI	548+15.96	61.36' Lt		
		PC	548+15.72	54.72' Lt		
291	SR 79B Cst ℄	PC	548+15.72	54.72' Lt		
		PI	548+14.59	20.08' Lt	30.00'	51.44'
		PT	548+50.69	22.80' Lt		
292	SR 79B Cst ℄	PCC	548+50.69	22.80' Lt		
		PI	549+71.54	23.78' Lt	415.00'	240.60'
		PCC	550+57.98	111.52' Lt		
300	Dwy 2 Cst ℄	PC	18+32.31	18.13' Lt		
		PI	18+32.32	12.05' Lt	5.00'	8.83'
		PT	18+38.99	13.11' Lt		
301	Dwy 2 Cst ℄	PT	18+38.99	13.11' Lt		
		PC	18+69.32	14.00' Lt		
302	SR 79B Cst ℄	PC	549+58.36	131.07' Lt		
		PI	549+58.89	115.21' Lt	30.00'	29.21'
		PT	549+72.31	106.72' Lt		
303	SR 79B Cst ℄	PT	549+72.31	106.72' Lt		
		PC	550+37.88	69.28' Lt		
304	SR 79B Cst ℄	PC	550+37.88	69.28' Lt		
		PI	550+89.74	26.89' Lt	96.00'	106.36'
		PT	551+55.25	32.00' Lt		
305	SR 79B Cst ℄	PT	551+55.25	32.00' Lt		
		PC	553+60.04	31.58' Lt		
306	SR 79B Cst ℄	PC	553+60.04	31.58' Lt		
		PI	554+23.09	28.32' Lt	1050.00'	122.97'
		PT	554+86.00	29.05' Lt		
315	SR 79B Cst ℄	PC	550+29.01	28.09' Rt		
		PI	550+24.69	36.70' Rt	3.00'	7.66'
		PT	550+32.49	32.31' Rt		
316	SR 79B Cst ℄	PT	550+32.49	32.31' Rt		
		PC	553+27.96	5.00' Rt		
317	SR 79B Cst ℄	PC	553+27.96	5.00' Rt		
		PI	554+03.92	7.42' Rt	1205.00'	152.57'
		PCC	554+79.88	5.00' Rt		
318	SR 79B Cst ℄	PCC	554+79.88	5.00' Rt		
					5.00'	15.71'
		PRC	554+79.89	5.00' Lt		
319	SR 79B Cst ℄	PRC	554+79.89	5.00' Lt		
		PI	554+03.92	2.60' Lt	1195.00'	151.31'
		PT	553+27.96	5.00' Lt		
320	SR 79B Cst ℄	PT	553+27.96	5.00' Lt		
		PC	551+42.67	5.00' Lt		

CURB AND GUTTER DATA (XXX)

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
321	SR 79B Cst ℄	PC	551+42.67	5.00' Lt		
		PI	550+90.57	0.57' Rt	113.00'	97.20'
		PRC	550+44.03	26.91' Lt		
322	SR 79B Cst ℄	PRC	550+44.03	26.91' Lt		
		PI	550+42.34	27.65' Lt	1.00'	2.06'
		PRC	550+42.41	25.98' Lt		
323	SR 79B Cst ℄	PRC	550+42.41	25.98' Lt		
		PI	550+43.47	3.22' Rt	92.00'	56.59'
		PT	550+29.01	28.09' Rt		
330	Dwy 03 Cst ℄	PC	21+87.45	17.00' Lt		
		PI	21+60.51	11.14' Lt	10.00'	16.44'
		PCC	21+44.97	12.00' Lt		
331	Dwy 03 Cst ℄	PCC	21+44.97	12.00' Lt		
		PI	21+16.30	10.68' Lt	288.00'	55.05'
		PT	20+87.63	12.00' Lt		
332	Dwy 03 Cst ℄	PT	20+87.63	12.00' Lt		
		PC	20+31.00	12.00' Lt		
333	KS Cst ℄	PC	21+16.24	31.00' Rt		
		PI	21+16.24	16.00' Rt	15.00'	23.56'
		PT	21+31.24	16.00' Rt		
334	KS Cst ℄	PT	21+31.24	16.00' Rt		
		PI	21+43.22	16.00' Rt		
345	KS Cst ℄	PC	21+05.76	24.21' Lt		
		PI	21+01.59	16.00' Lt	15.00'	16.51'
		PT	20+92.39	16.00' Lt		
346	KS Cst ℄	PT	20+92.39	16.00' Lt		
		PC	20+69.42	16.00' Lt		
347	SR 79B Cst ℄	PC	A 551+49.15	65.96' Rt		
		PI	A 551+44.63	32.00' Rt	30.00'	51.09'
		PT	A 551+78.89	32.00' Rt		
348	SR 79B Cst ℄	PT	A 551+78.89	32.00' Rt		
		PC	A 553+10.98	32.00' Rt		
349	SR 79B Cst ℄	PC	A 553+10.98	32.00' Rt		
		PI	A 553+88.55	33.57' Rt	1250.00'	158.27'
		PT	A 554+65.68	30.09' Rt		
350	SR 79B Cst ℄	PT	A 554+65.68	30.09' Rt		
		PI	A 555+86.00	30.00' Rt		
355	KS Cst ℄	PT	21+48.22	16.00' Lt		
		PC	21+39.16	16.00' Lt		
356	KS Cst ℄	PC	21+39.16	16.00' Lt		
		PI	21+29.55	16.00' Lt	20.00'	17.91'
		PT	21+23.55	23.50' Lt		

CURB AND GUTTER DATA (XXX)

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
400	FHD Cst ℄	PC	21+40.79	20.00' Lt		
		PT	22+03.52	20.00' Lt		
401	FHD Cst ℄	PT	22+03.52	20.00' Lt		
		PI	22+30.53	20.18' Lt	30.00'	44.53'
		PRC	22+32.08	47.65' Lt		
402	ES Cst ℄	PRC	19+53.13	18.00' Rt		
		PI	19+03.47	24.90' Rt	218.00'	108.26'
		PT	18+53.81	18.00' Rt		
403	ES Cst ℄	PT	18+53.81	18.00' Rt		
		PI	17+84.00	18.00' Rt		
410	ES Cst ℄	PI	17+84.00	18.00' Lt		
		PC	18+53.81	18.00' Lt		
411	ES Cst ℄	PC	18+53.81	18.00' Lt		
		PI	19+01.78	12.64' Lt	182.00'	87.31'
		PCC	19+49.75	18.00' Lt		
412	FHD Cst ℄	PCC	22+65.25	49.70' Lt		
		PI	22+64.83	20.74' Lt	30.00'	46.07'
		PRC	22+92.76	20.00' Lt		
413	FHD Cst ℄	PRC	22+92.76	20.00' Lt		
		PI	24+12.25	33.72' Lt	570.00'	247.67'
		PRC	25+31.74	20.00' Lt		
414	FHD Cst ℄	PRC	25+31.74	20.00' Lt		
		PI	25+55.61	20.54' Lt	25.00'	39.02'
		PT	25+54.85	45.27' Lt		
415	OS Cst ℄	PT	19+54.10	17.80' Rt		
		PI	19+39.00	17.80' Rt		
420	OS Cst ℄	PI	19+39.00	14.62' Lt		
		PC	19+58.40	14.62' Lt		
421	FHD Cst ℄	PC	25+87.30	42.07' Lt		
		PI	25+87.92	23.78' Lt	20.00'	29.64'
		PT	26+06.19	22.78' Lt		

CST CL ABBREVIATIONS:

KS - Keating Street
OS - Orlando Street
FHD - Florence Heights Drive
ES - Elizabeth Street

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

Kimley»Horn
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CURB & GUTTER CONTROL DATA

Registered Professional Engineer, CERTIFICATE NO. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023, ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-07.03

TRACS NO.		FLO-0(201)T	___ OF ___
SZ041 01C			

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	69	156	
		0000 PN FLO			

CURB AND GUTTER DATA (XXX)

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
425	FHD Cst ℄	PC	20+70.48	6.53' Rt		
		PI	20+69.98	10.63' Rt	3.00'	5.66'
		PT	20+73.91	9.87' Rt		
426	FHD Cst ℄	PT	20+73.91	9.87' Rt		
		PC	22+16.71	5.00' Rt		
427	FHD Cst ℄	PC	22+16.71	5.00' Rt		
		PI	22+54.74	3.69' Rt	545.00'	75.36'
		PRC	22+92.76	5.00' Rt		
428	FHD Cst ℄	PRC	22+92.76	5.00' Rt		
					5.00'	15.71'
		PCC	22+92.76	5.00' Lt		
429	FHD Cst ℄	PCC	22+92.76	5.00' Lt		
		PI	22+54.74	6.33' Lt	555.00'	76.74'
		PT	22+16.71	5.00' Lt		
430	FHD Cst ℄	PT	22+16.71	5.00' Lt		
		PC	21+20.75	4.93' Lt		
431	FHD Cst ℄	PC	21+20.75	4.93' Lt		
		PI	20+95.47	3.35' Lt	90.00'	48.71'
		PRC	20+71.79	12.99' Lt		
432	FHD Cst ℄	PRC	20+71.79	12.99' Lt		
		PI	20+70.16	13.56' Lt	1.00'	2.06'
		PRC	20+70.39	11.92' Lt		
433	FHD Cst ℄	PRC	20+70.39	11.92' Lt		
		PI	20+71.66	2.70' Lt	71.00'	18.50'
		PT	20+70.48	6.53' Rt		
440	FHD Cst ℄	PCC	20+80.73	30.02' Rt		
		PI	21+02.10	21.12' Rt	200.00'	49.42'
		PT	21+25.32	20.01' Rt		
441	FHD Cst ℄	PT	21+25.32	20.01' Rt		
		PC	21+98.77	20.00' Rt		
442	FHD Cst ℄	PC	21+98.77	20.00' Rt		
		PI	22+17.81	20.00' Rt	30.00'	33.88'
		PT	22+26.56	37.10' Rt		
450	FHD Cst ℄	PC	22+73.30	37.12' Rt		
		PI	22+82.48	19.64' Rt	30.00'	34.62'
		PCC	23+02.73	20.00' Rt		
451	FHD Cst ℄	PCC	23+02.73	20.00' Rt		
		PI	24+13.95	8.98' Rt	530.00'	214.36'
		PCC	25+25.18	20.00' Rt		
452	FHD Cst ℄	PCC	25+25.18	20.00' Rt		
		PI	25+45.43	19.64' Rt	30.00'	34.62'
		PT	25+54.61	37.12' Rt		
460	FHD Cst ℄	PC	25+94.31	37.85' Rt		
		PI	26+02.88	20.98' Rt	30.00'	33.76'
		PT	26+21.79	21.44' Rt		

CURB AND GUTTER DATA (XXX)

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
461	FHD Cst ℄	PT	26+21.79	21.44' Rt		
		PC	26+45.41	22.01' Rt		
462	FHD Cst ℄	PT	26+45.41	22.01' Rt		
		PC	27+71.75	14.85' Rt		

SIDEWALK CONTROL DATA (XXX)

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
500	SR 287 Cst ℄	PT	8+32.23	96.68' Rt		
		PC	8+60.23	77.75' Rt		
501	SR 287 Cst ℄	PRC	8+63.44	65.42' Rt		
		PI	8+66.66	63.96' Rt	5.00'	7.33'
		PT	8+65.91	59.56' Rt		
502	SR 287 Cst ℄	PT	8+65.91	59.56' Rt		
		PI	8+64.90	53.85' Rt		
503	SR 287 Cst ℄	PI	8+72.64	51.79' Rt		
		PC	8+73.29	56.14' Rt		
504	SR 287 Cst ℄	PC	8+73.29	56.14' Rt		
		PI	8+74.02	61.25' Rt	5.00'	8.05'
		PT	8+77.92	60.17' Rt		
505	SR 287 Cst ℄	PC	8+60.23	77.75' Rt		
		PI	9+45.46	50.47' Rt	290.00'	168.57'
		PT	10+39.01	49.75' Rt		
506	SR 287 Cst ℄	PT	10+39.01	49.75' Rt		
		PI	10+44.81	49.61' Rt		
510	SR 287 Cst ℄	PI	11+53.53	47.02' Rt		
		PI	11+54.20	47.00' Rt		
511	SR 287 Cst ℄	PI	11+54.20	47.00' Rt		
		PI	11+69.14	44.65' Rt		
512	SR 287 Cst ℄	PI	11+69.14	44.65' Rt		
		PI	12+62.32	42.43' Rt		
513	SR 287 Cst ℄	PI	12+62.32	42.43' Rt		
		PI	12+72.35	43.69' Rt		
514	SR 287 Cst ℄	PI	12+72.35	43.69' Rt		
		PI	13+02.53	42.97' Rt		

SIDEWALK CONTROL DATA (XXX)

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
515	SR 287 Cst ℄	PI	13+02.53	42.97' Rt		
		PI	13+22.30	41.01' Rt		
520	SR 287 Cst ℄	PCC	8+65.82	69.25' Lt		
		PI	8+85.61	58.41' Lt	74.79'	33.96'
		PT	9+02.31	53.40' Lt		
521	SR 287 Cst ℄	PT	9+02.31	53.40' Lt		
		PC	9+94.29	46.37' Lt		
522	SR 287 Cst ℄	PC	9+94.29	46.37' Lt		
		PI	10+18.66	48.23' Lt	487.71'	48.84'
		PT	10+43.10	47.65' Lt		
523	SR 287 Cst ℄	PT	10+43.10	47.65' Lt		
		PI	10+53.66	47.40' Lt		
600	SR 79B Cst ℄	PI	542+63.96	30.73' Lt		
		PC	544+44.81	42.40' Lt		
601	SR 79B Cst ℄	PC	544+44.81	42.40' Lt		
		PI	544+61.98	44.59' Lt	228.79'	37.30'
		PT	544+77.26	50.61' Lt		
602	SR 79B Cst ℄	PT	544+77.26	50.61' Lt		
		PC	545+21.88	75.25' Lt		
603	SR 79B Cst ℄	PC	545+21.88	75.25' Lt		
		PI	545+82.08	99.39' Lt	87.71'	91.03'
		PRC	546+21.12	67.19' Lt		
604	SR 79B Cst ℄	PRC	546+21.12	67.19' Lt		
		PI	546+31.90	58.95' Lt	104.29'	24.91'
		PCC	546+44.25	52.92' Lt		
605	SR 79B Cst ℄	PCC	546+44.25	52.92' Lt		
		PI	546+64.61	41.99' Lt	70.00'	41.58'
		PCC	546+88.01	42.31' Lt		
606	SR 79B Cst ℄	PCC	546+88.01	42.31' Lt		
		PI	547+09.95	41.70' Lt	392.79'	40.18'
		PT	547+31.89	42.26' Lt		

CST CL ABBREVIATIONS:

FHD - Florence Heights Drive

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

CURB & GUTTER/SIDEWALK CONTROL DATA

Registered Professional Engineer — CERTIFICATE NO. 47513 — ALLEN R. HATHCOCK — Date Signed 07/07/2023 — ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-07.04

TRACS NO.			
SZ041 01C		FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

8:01:35 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\ROADWAY\SZ041_GC_T04.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	70	156	
		0000 PN FLO			

SIDEWALK CONTROL DATA XXX

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
607	SR 79B Cst ℄	PT	547+31.89	42.26' Lt		
		PI	547+58.87	39.02' Lt		
610	SR 79B Cst ℄	PI	543+24.51	36.15' Rt		
		PC	543+88.89	47.36' Rt		
611	SR 79B Cst ℄	PRC	544+38.46	52.08' Rt		
		PI	544+43.23	54.28' Rt	5.00'	7.99'
		PT	544+45.35	49.58' Rt		
612	SR 79B Cst ℄	PT	544+45.35	49.58' Rt		
		PI	544+50.38	38.31' Rt		
613	SR 79B Cst ℄	PI	544+60.58	42.23' Rt		
		PC	544+54.08	55.19' Rt		
614	SR 79B Cst ℄	PC	544+54.08	55.19' Rt		
		PI	544+52.26	59.14' Rt	5.00'	7.11'
		PRC	544+56.52	61.42' Rt		
615	SR 79B Cst ℄	PC	543+88.89	47.36' Rt		
	SR 79B Cst ℄	PI	545+23.12	57.27' Rt	150.00'	202.38'
	FHD Cst ℄	PT	21+61.89	35.71' Rt		
616	SR 79B Cst ℄	PRC	545+38.13	106.68' Rt		
		PI	545+40.78	109.16' Rt	5.00'	6.28'
		PT	545+43.96	107.41' Rt		
617	SR 79B Cst ℄	PT	545+43.96	107.41' Rt		
		PI	545+46.40	106.07' Rt		
618	SR 79B Cst ℄	PT	545+51.22	114.84' Rt		
		PC	545+51.14	114.88' Rt		
619	SR 79B Cst ℄	PC	545+51.14	114.88' Rt		
		PI	545+47.92	116.65' Rt	3.00'	5.32'
		PRC	545+50.31	119.45' Rt		
620	FHD Cst ℄	PT	21+61.89	35.71' Rt		
		PI	22+01.21	35.71' Rt		
621	SR 79B Cst ℄	PT	546+10.88	199.00' Rt		
		PC	546+04.23	157.38' Rt		
622	SR 79B Cst ℄	PC	546+04.23	157.38' Rt		
		PI	546+02.33	145.48' Rt	40.00'	23.41'
		PT	546+07.33	134.51' Rt		
623	SR 79B Cst ℄	PC	546+03.73	118.26' Rt		
		PI	546+06.27	112.68' Rt	5.00'	8.87'
		PT	546+00.29	111.32' Rt		
624	SR 79B Cst ℄	PT	546+00.29	111.32' Rt		
		PI	545+96.16	110.38' Rt		

SIDEWALK CONTROL DATA XXX

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
625	SR 79B Cst ℄	PI	545+98.38	100.63' Rt		
		PC	546+06.53	102.48' Rt		
626	SR 79B Cst ℄	PC	546+06.53	102.48' Rt		
		PI	546+10.50	103.38' Rt	5.00'	6.84'
		PT	546+12.19	99.68' Rt		
627	SR 79B Cst ℄	PT	546+07.33	134.51' Rt		
		PC	546+33.41	72.08' Rt		
628	SR 79B Cst ℄	PC	546+33.41	72.08' Rt		
		PI	546+43.25	50.41' Rt	40.00'	43.69'
		PT	546+65.32	51.01' Rt		
629	SR 79B Cst ℄	PT	546+65.32	51.01' Rt		
		PI	547+16.09	56.52' Rt		
630	SR 79B Cst ℄	PI	547+16.09	56.52' Rt		
		PC	548+83.18	90.06' Rt		
631	SR 79B Cst ℄	PC	549+03.91	89.97' Rt		
		PI	549+07.81	92.48' Rt	5.00'	8.10'
		PT	549+09.77	87.76' Rt		
632	SR 79B Cst ℄	PT	549+09.77	87.76' Rt		
		PI	549+25.91	57.95' Rt		
633	SR 79B Cst ℄	PI	549+39.06	61.85' Rt		
		PC	549+16.59	94.00' Rt		
634	SR 79B Cst ℄	PC	549+16.59	94.00' Rt		
		PI	549+14.95	97.84' Rt	5.00'	7.12'
		PRC	549+18.01	100.34' Rt		
635	SR 79B Cst ℄	PC	548+83.18	90.06' Rt		
		PI	549+51.93	111.50' Rt	190.00'	117.76'
		PT	550+65.95	99.01' Rt		
636	SR 79B Cst ℄	PT	550+65.95	99.01' Rt		
		PI	551+11.64	76.38' Rt		
637	SR 79B Cst ℄	PC	550+86.12	76.56' Rt		
		PI	550+89.46	74.95' Rt	5.00'	7.48'
		PT	550+88.48	70.48' Rt		
638	SR 79B Cst ℄	PT	550+88.48	70.48' Rt		
		PI	550+85.47	57.43' Rt		
639	SR 79B Cst ℄	PI	550+93.33	54.74' Rt		
		PC	550+95.76	66.43' Rt		
640	SR 79B Cst ℄	PC	550+95.76	66.43' Rt		
		PI	550+96.79	71.66' Rt	5.00'	8.23'
		PT	551+00.79	70.02' Rt		

SIDEWALK CONTROL DATA XXX

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
645	SR 79B Cst ℄	PI	548+42.09	41.19' Lt		
		PC	548+90.52	45.88' Lt		
646	SR 79B Cst ℄	PC	548+90.52	45.88' Lt		
		PI	549+75.10	57.31' Lt	393.79'	191.11'
		PT	550+42.92	126.46' Lt		
700	SR 79B Cst ℄	PT	549+74.82	128.00' Lt		
		PC	549+85.23	128.34' Lt		
701	SR 79B Cst ℄	PC	549+85.23	128.34' Lt		
		PI	550+07.28	129.08' Lt	310.00'	44.04'
		PRC	550+51.17	124.77' Lt		
702	SR 79B Cst ℄	PRC	550+51.17	124.77' Lt		
		PI	552+18.57	41.18' Lt	440.00'	291.79'
		PT	553+71.58	42.00' Lt		
703	SR 79B Cst ℄	PT	551+17.88	93.97' Lt		
		PI	550+93.11	56.04' Lt		
704	SR 79B Cst ℄	PC	551+14.16	100.74' Lt		
		PI	551+21.75	98.48' Lt	5.00'	7.95'
		PT	551+17.88	93.97' Lt		
705	SR 79B Cst ℄	PI	551+04.85	52.12' Lt		
		PC	551+32.34	89.83' Lt		
706	SR 79B Cst ℄	PC	551+32.34	89.83' Lt		
		PI	551+36.18	93.85' Lt	5.00'	7.54'
		PRC	551+42.72	91.59' Lt		
707	SR 79B Cst ℄	PCC	553+71.58	42.00' Lt		
		PI	554+28.91	39.24' Lt	1039.29'	110.80'
		PT	554+86.00	39.76' Lt		
708	SR 79B Cst ℄	PT	554+86.00	39.76' Lt		
		PI	554+96.00	41.21' Lt		
709	SR 79B Cst ℄	PI	554+96.00	41.21' Lt		
		PI	555+16.50	41.21' Lt		
710	SR 79B Cst ℄	PI	555+16.50	41.21' Lt		
		PI	555+36.00	34.71' Lt		

CST CL ABBREVIATIONS:

FHD - Florence Heights Drive

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIDEWALK CONTROL DATA

Registered Professional Engineer CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-07.05

TRACS NO.		FLO-0(201)T	___ OF ___
SZ041 01C			

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	71	156	
		0000 PN FLO			

SIDEWALK CONTROL DATA XXX

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
720	SR 79B Cst ℄	PI	551+64.92	65.39' Rt		
		PC	551+75.09	64.04' Rt		
721	SR 79B Cst ℄	PC	551+75.09	64.04' Rt		
		PI	551+92.58	61.71' Rt	195.00'	35.21'
		PRC	552+10.21	62.56' Rt		
722	SR 79B Cst ℄	PRC	552+10.21	62.56' Rt		
		PI	552+28.16	63.42' Rt	205.00'	35.84'
		PT	552+45.99	61.15' Rt		
723	SR 79B Cst ℄	PT	552+45.99	61.15' Rt		
		PI	554+86.00	40.71' Rt		
724	SR 79B Cst ℄	PI	554+86.00	40.71' Rt		
		PI	554+96.00	42.21' Rt		
725	SR 79B Cst ℄	PI	554+96.00	42.21' Rt		
		PI	555+16.50	42.21' Rt		
726	SR 79B Cst ℄	PI	555+16.50	42.21' Rt		
		PT	555+36.00	35.71' Rt		
800	ES Cst ℄	PT	19+65.76	54.15' Rt		
		PC	19+23.83	23.71' Rt		
801	ES Cst ℄	PC	19+23.83	23.71' Rt		
		PI	18+98.38	25.53' Rt	223.71'	56.93'
		PT	18+72.94	23.71' Rt		
802	ES Cst ℄	PT	18+31.74	22.71' Rt		
		PI	17+89.00	22.71' Rt		
803	ES Cst ℄	PI	17+89.00	22.71' Rt		
		PT	17+84.00	22.04' Rt		
805	ES Cst ℄	PT	17+84.00	22.00' Lt		
		PI	17+89.00	22.71' Lt		
806	ES Cst ℄	PI	17+89.00	22.71' Lt		
		PT	18+37.46	22.71' Lt		
810	ES Cst ℄	PC	18+84.46	23.71' Lt		
		PI	19+03.32	22.92' Lt	176.29'	33.25'
		PT	19+22.18	23.71' Lt		
811	ES Cst ℄	PT	19+22.18	23.71' Lt		
		PI	19+74.10	67.55' Lt		
815	FHD Cst ℄	PC	22+90.51	35.71' Lt		
		PI	22+91.43	35.71' Lt	585.71'	1.96'
		PT	22+92.35	35.71' Lt		

SIDEWALK CONTROL DATA XXX

Plan Ref No.	Description	Point Type	Station	Offset	Radius	Length
816	FHD Cst ℄	PT	22+92.35	35.71' Lt		
		PC	23+05.81	30.71' Lt		
817	FHD Cst ℄	PC	23+05.81	30.71' Lt		
		PI	23+23.19	31.00' Lt	580.71'	36.69'
		PT	23+40.56	30.71' Lt		
818	FHD Cst ℄	PT	23+40.56	30.71' Lt		
		PC	23+82.52	43.71' Lt		
819	FHD Cst ℄	PC	23+82.52	43.71' Lt		
		PI	23+88.75	43.75' Lt	593.71'	13.45'
		PT	23+94.98	43.71' Lt		
820	FHD Cst ℄	PT	23+94.98	43.71' Lt		
		PC	24+36.94	30.71' Lt		
821	FHD Cst ℄	PC	24+36.94	30.71' Lt		
		PI	24+79.52	32.45' Lt	580.71'	89.92'
		PT	25+22.11	30.71' Lt		
830	FHD Cst ℄	PC	23+00.06	35.71' Rt		
		PI	23+61.24	32.51' Rt	514.29'	114.41'
		PT	24+22.42	35.71' Rt		
831	FHD Cst ℄	PT	24+22.42	35.71' Rt		
		PC	24+38.14	30.71' Rt		
832	FHD Cst ℄	PC	24+38.14	30.71' Rt		
		PI	24+76.36	29.45' Rt	519.29	72.17
		PT	25+14.59	30.71' Rt		
840	FHD Cst ℄	PI	26+18.97	37.08' Rt		
		PI	26+23.97	37.20' Rt		
841	FHD Cst ℄	PI	26+23.97	37.20' Rt		
		PI	27+32.14	22.81' Rt		

CST CL ABBREVIATIONS:

FHD - Florence Heights Drive
ES - Elizabeth Street

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIDEWALK CONTROL DATA

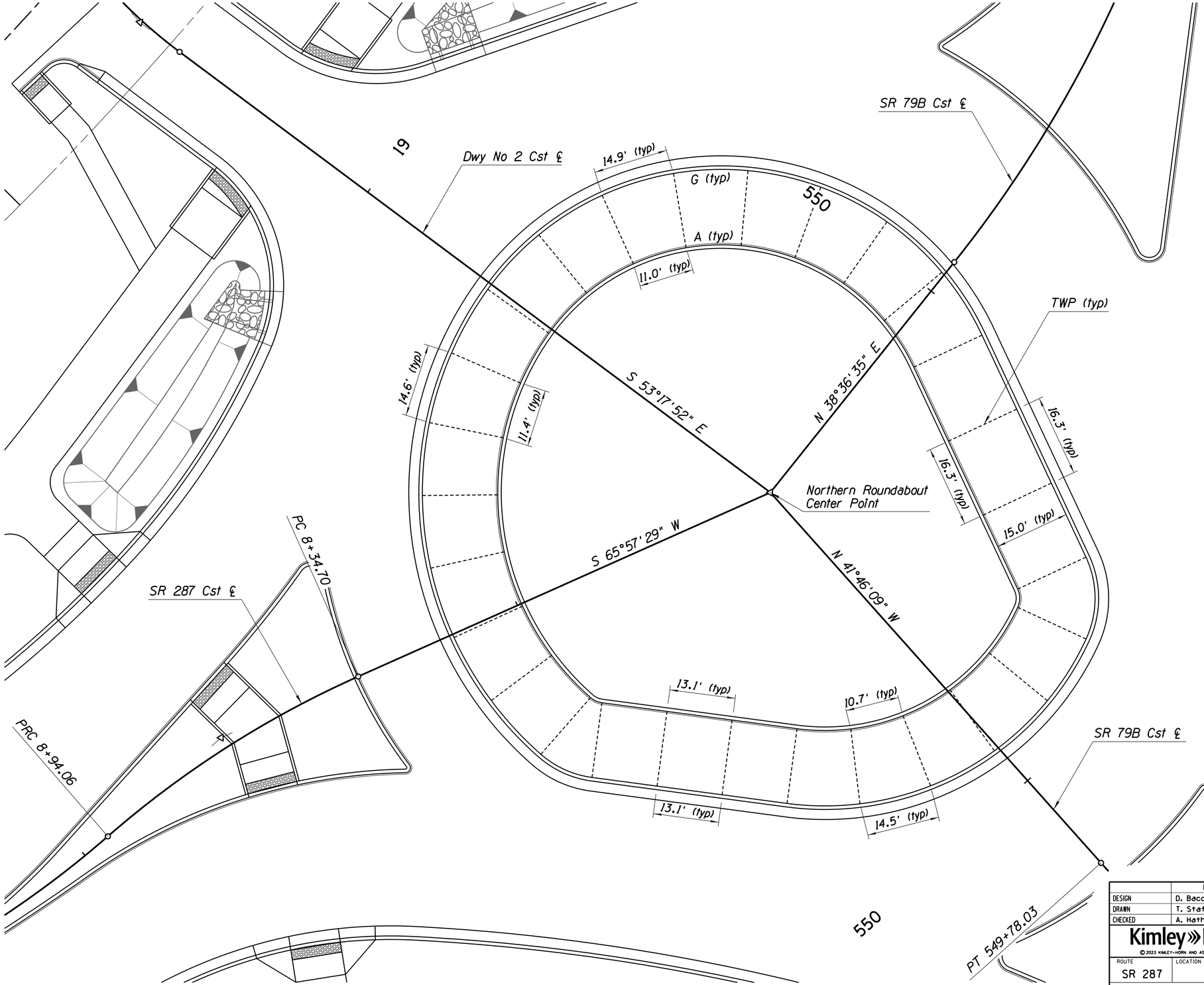
Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

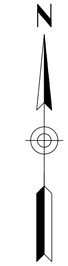
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-07.06

TRACS NO.			SHEET
SZ041 01C		FLO-0(201)T	___ OF ___

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	72	156	
		0000 PN FLO			





LEGEND:

LC - Longitudinal Construction Joint

LWP - Longitudinal Weakened Plane Joint

TWP - Tranverse Weakened Plane Joint

------- - Joint Line

A - Single Curb Joint

G - Curb and Gutter Joint

S - AC/PCCP Edge Seal Joint

NOTES:

1. *All joint locations shown are typical. The actual paving pour plan with joint locations shall be based upon the plan submitted by the Contractor and approved by the Engineer in accordance with Subsection 401-3.01 of the Standard Specifications. See Std C-07.01, C-07.03, & C-07.04 for Joint Details and construction notes.*
2. *All joints adjacent to curb and gutters shall have Type G, curb and gutter joints.*
3. *All joints adjacent to single curb shall be Type A, single curb joints.*
4. *Joint sealants shall be silicon.*
5. *Place single curb and curb and gutter contraction joint spacing to line up with TWP joints. Add contraction joints as necessary to ensure maximum spacing of 10'.*

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 79B
JOINT LAYOUT SHEET
NORTH ROUNDABOUT

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Not Valid Unless Signed and Dated Arizona, U.S.A.

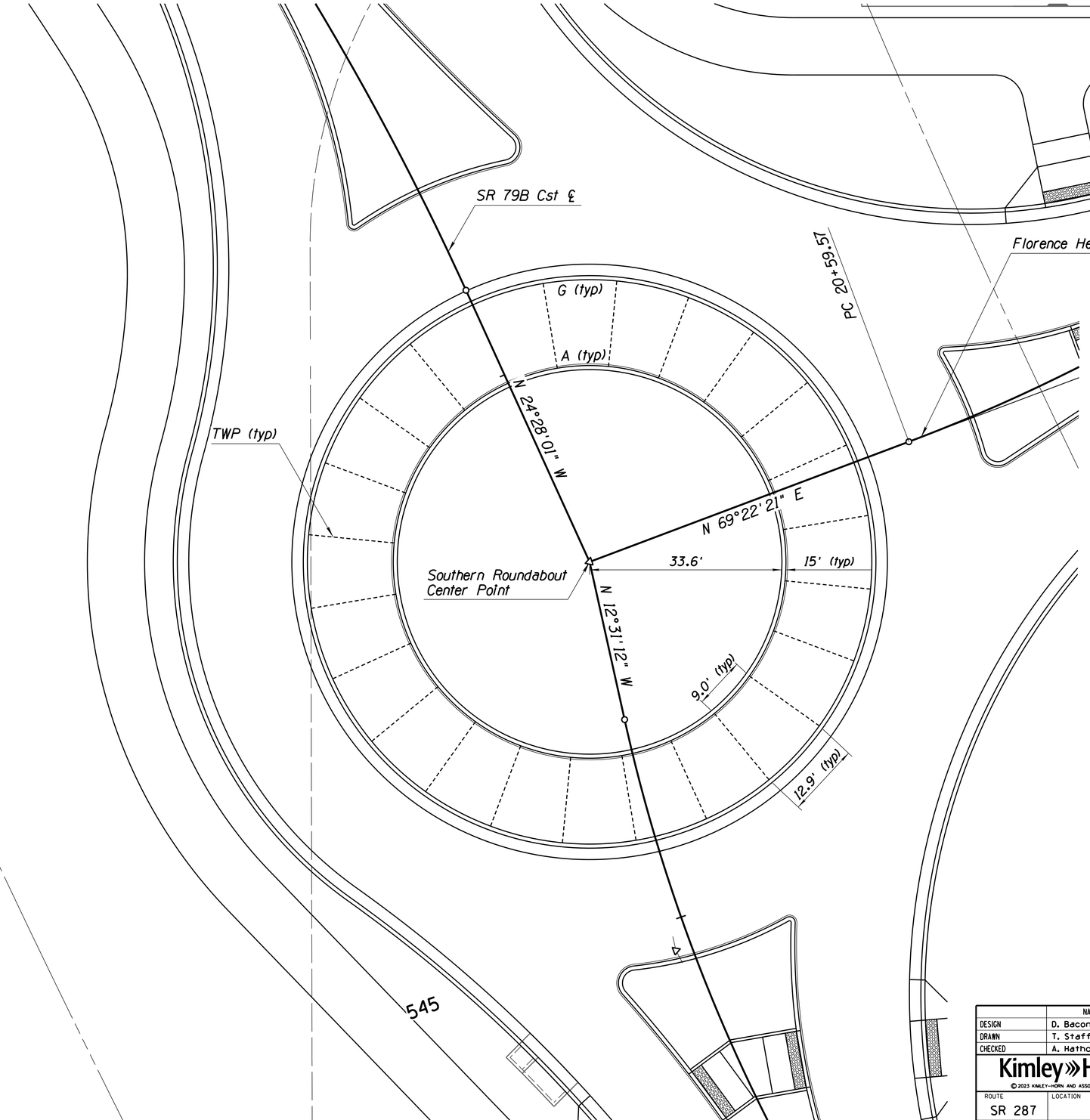
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-08.01

TRACS NO.			SHEET
SZ041 01C		FLO-0(201)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.	FLO-0(201)T	73	156	

0000 PN FLO



LEGEND:

LC - Longitudinal Construction Joint

LWP - Longitudinal Weakened Plane Joint

TWP - Tranverse Weakened Plane Joint

------- - Joint Line

A - Single Curb Joint

G - Curb and Gutter Joint

S - AC/PCCP Edge Seal Joint

NOTES:

1. *All joint locations shown are typical. The actual paving pour plan with joint locations shall be based upon the plan submitted by the Contractor and approved by the Engineer in accordance with Subsection 401-3.01 of the Standard Specifications. See Std C-07.01, C-07.03, & C-07.04 for Joint Details and construction notes.*
2. *All joints adjacent to curb and gutters shall have Type G, curb and gutter joints.*
3. *All joints adjacent to single curb shall be Type A, single curb joints.*
4. *Joint sealants shall be silicon.*
5. *Place single curb and curb and gutter contraction joint spacing to line up with TWP joints. Add contraction joints as necessary to ensure maximum spacing of 10'.*

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 79B
JOINT LAYOUT SHEET
SOUTH ROUNDABOUT

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

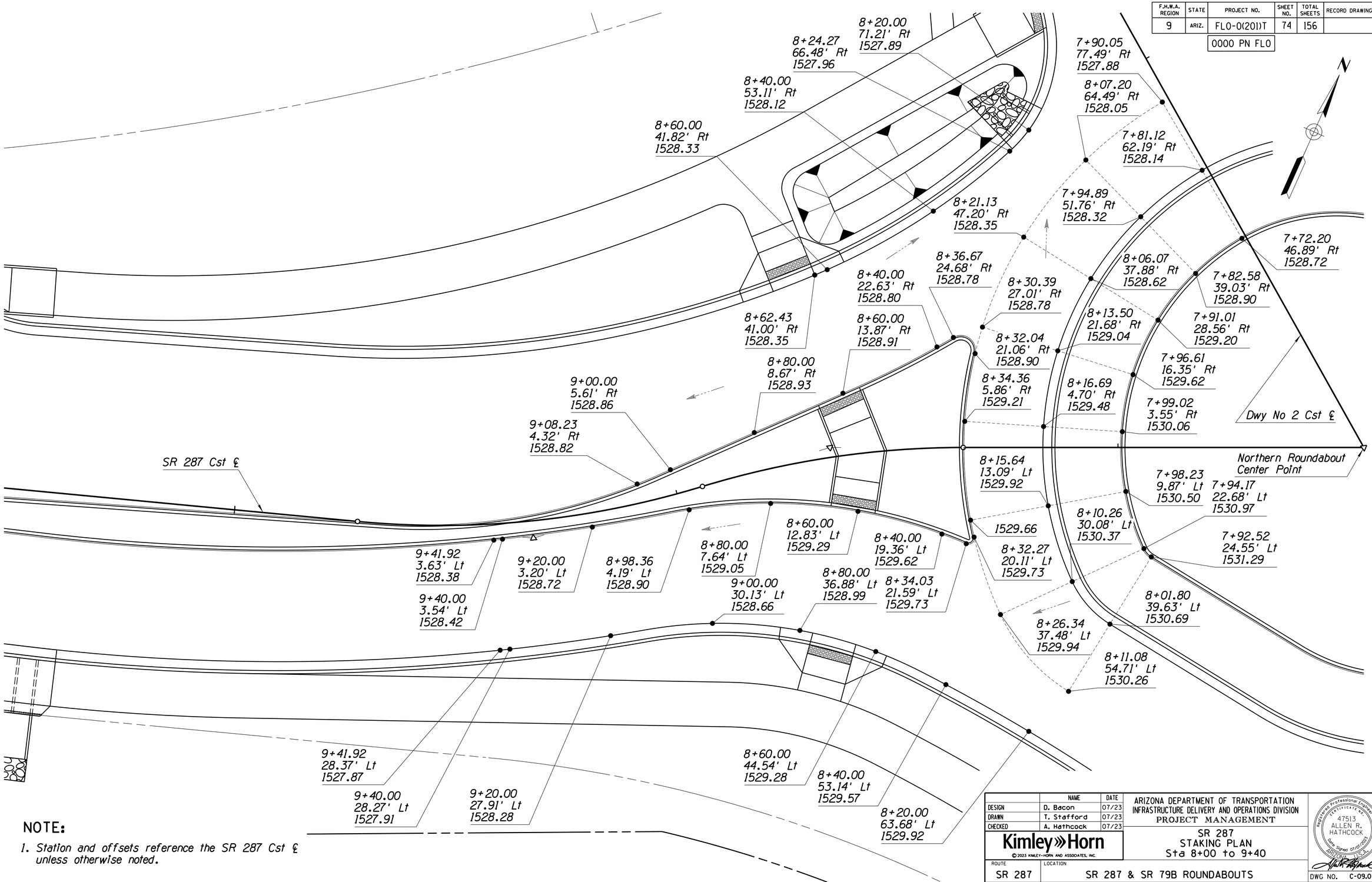
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-08.02

TRACS NO.		FLO-0(201)T	___ OF ___
SZ041 01C			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	74	156	

0000 PN FLO



NOTE:

1. Station and offsets reference the SR 287 Cst ℄ unless otherwise noted.

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 287
STAKING PLAN
Sta 8+00 to 9+40

Registered Professional Engineer (Civil) Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-09.01

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

8:01:44 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\ROADWAY\SZ041_STK01.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	75	156	

0000 PN FLO

549+55.41
33.28' Lt
1531.22

549+60.00
35.39' Lt
1531.17

549+74.78
28.39' Lt
1531.34

549+80.00
47.52' Lt
1530.91

550+00.00
60.47' Lt
1530.63

550+15.20
54.22' Lt
1530.97

550+20.00
75.14' Lt
1530.30

550+44.92
79.75' Lt
1530.26

550+30.06
66.99' Lt
1530.64

550+56.46
66.32' Lt
1530.69

550+41.60
53.55' Lt
1531.17

550+68.00
52.89' Lt
1531.29

549+99.33
35.48' Lt
1531.37

550

550+26.74
40.79' Lt
1531.53

550+53.14
40.12' Lt
1531.78

549+78.91
24.29' Lt
1531.31

550+14.49
26.32' Lt
1531.73

550+38.27
27.36' Lt
1532.14

549+40.00
14.84' Lt
1531.69

549+60.00
21.52' Lt
1531.47

549+75.86
12.33' Lt
1531.32

549+90.11
12.72' Lt
1531.53

550+29.64
17.16' Lt
1532.32

549+20.00
11.57' Lt
1531.95

549+74.24
0.02' Lt
1531.29

550+07.36
8.75' Lt
1531.79

550+24.62
4.77' Lt
1532.37

549+00.00
10.41' Lt
1532.24

548+80.00
9.38' Lt
1532.57

548+69.82
8.90' Lt
1532.76

549+74.21
12.40' Rt
1531.24

550+23.71
8.56' Rt
1532.13

550+27.01
21.51' Rt
1532.09

Northern Roundabout
Center Point

549+76.09
24.71' Rt
1531.17

549+88.61
13.45' Rt
1531.44

550+06.16
11.01' Rt
1531.71

550+29.72
23.92' Rt
1531.74

549+33.25
17.04' Rt
1531.46

549+40.00
18.23' Rt
1531.34

549+74.19
26.20' Rt
1531.15

550+10.76
28.54' Rt
1531.50

550+45.30
28.58' Rt
1531.16

SR 79B Cst ℄

549+60.00
22.51' Rt
1531.15

549+51.41
51.34' Rt
1530.55

549+94.51
35.57' Rt
1531.19

550+24.64
40.88' Rt
1531.15

550+19.56
57.85' Rt
1530.73

A 549+87.50
43.74' Rt
1530.75

549+80.00
61.68' Rt
1530.43

549+60.00
54.17' Rt
1530.52

550+00.00
76.64
1530.26

A 550+03.37
51.59' Rt
1530.38

NOTE:

1. Station and offsets reference the SR 79B Cst ℄ unless otherwise noted.

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

Kimley»Horn
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SR 79B
STAKING PLAN
Sta 549+40 to 550+76

Registered Professional Engineer Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. C-09.02

TRACS NO. SZ041 01C | FLO-0(201)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.	FLO-0(201)T	76	156	
		0000 PN FLO			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

19

A 549+80.00
99.49' Lt
1527.59

A 550+00.00
86.84' Lt
1527.70

A 550+20.00
76.41' Lt
1527.79

A 549+69.32
86.74' Lt
1527.81

A 550+36.14
67.73' Lt
1527.85

A 549+64.49
69.70' Lt
1528.08

A 550+40.00
65.41' Lt
1527.86

A 549+59.65
52.67' Lt
1528.66

A 549+95.37
73.67' Lt
1527.93

A 549+84.60
59.61' Lt
1528.19

A 550+14.63
54.58' Lt
1528.19

A 550+80.00
46.38' Lt
1527.82

A 549+73.83
45.56' Lt
1528.77

Dwy No 2 Cst ℄

A 549+98.25
44.93' Lt
1528.46

A 550+60.06
54.91' Lt
1527.88

A 549+83.45
35.21' Lt
1529.04

A 550+06.29
26.64' Lt
1528.88

A 550+25.70
30.37' Lt
1528.64

A 550+91.19
42.32' Lt
1527.78

A 549+89.12
22.31' Lt
1529.45

550

A 550+60.00
20.69' Lt
1528.46

A 551+00.00
9.35' Lt
1528.30

A 551+40.00
5.30' Lt
1528.14

A 549+90.02
6.35' Lt
1530.03

A 550+42.09
25.97' Lt
1528.56

A 550+80.00
14.11' Lt
1528.38

A 551+20.00
6.41' Lt
1528.22

A 550+07.57
3.98' Lt
1529.45

A 550+25.21
0.99' Lt
1529.20

A 550+44.17
27.17' Lt
1528.52

A 551+43.53
5.29' Lt
1528.13

SR 79B Cst ℄

Northern Roundabout
Center Point

A 550+41.51
11.89' Lt
1528.78

A 549+78.82
21.32' Rt
1530.93

A 549+86.02
6.75' Rt
1530.52

A 551+42.70
5.29' Rt
1528.13

A 550+34.52
15.31' Rt
1529.21

A 550+38.87
1.96' Rt
1529.00

A 551+20.00
6.41' Rt
1528.25

A 550+01.89
14.60' Rt
1529.94

A 551+00.00
9.18' Rt
1528.35

A 551+40.00
5.31' Rt
1528.15

A 550+28.79
27.95' Rt
1529.43

A 550+32.60
32.58' Rt
1529.35

A 549+94.70
29.17' Rt
1530.34

A 550+16.92
22.63' Rt
1529.67

A 550+60.00
20.17' Rt
1528.64

A 550+80.00
13.72' Rt
1528.46

A 550+40.00
28.78' Rt
1529.10

A 550+10.16
37.03' Rt
1530.02

A 550+44.10
63.27' Rt
1529.02

A 550+40.00
65.82' Rt
1529.20

A 550+20.00
80.30' Rt
1530.00

NOTE:

1. Station and offsets reference the SR 79B Cst ℄ unless otherwise noted.

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 79B
STAKING PLAN
Sta A 549+49 to A 551+00

Registered Professional Engineer (Civil)
CERTIFICATE NO.
47513
ALLEN R.
HATHCOCK
Date Signed 07/07/2023
ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-09.03

TRACS NO.			SHEET NO.
SZ041 01C		FLO-0(201)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	77	156	
		0000 PN FLO			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

545

544+40.00
18.65' Lt
1537.76

544+80.00
10.76' Lt
1537.74

544+60.00
21.22' Lt
1537.66

544+80.00
27.05' Lt
1537.62

545+00.00
37.01' Lt
1537.87

545+20.00
52.48' Lt
1537.98

545+40.00
65.72' Lt
1537.86

545+49.62
68.48' Lt
1537.79

545+80.00
68.17' Lt
1537.64

546+00.00
60.10' Lt
1537.36

546+20.00
45.70' Lt
1536.92

546+40.00
34.93' Lt
1536.47

546+60.00
27.03' Lt
1536.03

546+80.00
21.68' Lt
1535.63

547+00.00
18.72' Lt
1535.29

544+31.38
5.29' Lt
1538.03

544+40.00
5.32' Lt
1537.97

544+60.00
6.60' Lt
1537.84

544+90.94
14.50' Lt
1537.81

544+95.14
10.61' Lt
1537.84

544+94.29
6.71' Lt
1537.81

544+93.12
11.71' Rt
1537.65

544+52.87
7.36' Rt
1537.80

544+80.00
14.35' Rt
1537.55

544+91.86
18.65' Rt
1537.55

544+60.00
8.82' Rt
1537.71

544+93.75
17.27' Rt
1537.59

544+80.00
35.87' Rt
1537.11

545+00.00
46.09' Rt
1536.92

545+20.00
58.44' Rt
1536.61

545+40.00
74.27' Rt
1536.17

546+35.90
13.82' Lt
1536.48

546+40.00
12.35' Lt
1536.41

546+60.00
7.28' Lt
1536.11

546+80.00
5.46' Lt
1535.82

547+03.56
5.31' Lt
1535.47

546+34.11
12.43' Lt
1536.48

546+32.59
15.76' Rt
1536.19

546+34.81
0.35' Rt
1536.34

546+92.56
6.38' Rt
1535.58

546+60.00
12.19' Rt
1535.87

546+80.00
8.01' Rt
1535.69

546+40.00
18.46' Rt
1536.06

546+80.00
31.52' Rt
1535.34

546+36.79
19.67' Rt
1536.09

547+00.00
30.51' Rt
1535.05

546+60.00
33.39' Rt
1535.64

546+40.00
37.36' Rt
1535.85

546+20.00
48.18' Rt
1535.95

1538.06 1538.18 1538.24 1538.25 1537.88 1537.87 1538.20 1538.09 1538.51 1537.93 1538.29 1538.04 1537.71 1537.37 1537.44 1537.77 1537.49 1536.95 1537.17 1536.89 1536.66 1536.42 1536.34

1537.88 1538.65 1538.47 1538.77 1538.83 1538.84 1538.79 1538.67 1537.65 1538.24 1537.97 1537.38 1537.70 1537.11 1536.53 1536.84 1537.42 1536.62 1537.03 1536.45 1536.92 1536.34 1536.87 1536.88 1536.94 1536.29 1536.07 1537.06 1536.30 1536.36 1536.48 1536.74

SR 79B Cst ℄

Southern Roundabout
Center Point

PC 20+59.57

1536.01
1536.07

Florence Heights Dr Cst ℄

18'-7"

0°/360° 15° 30° 45° 60° 75° 90° 105° 120° 135° 150° 165° 180° 195° 210° 225° 240° 255° 270° 285° 300° 315° 330° 345°

NOTE:

1. Station and offsets reference the SR 79B Cst ℄ unless otherwise noted.

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

Kimley»Horn
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SR 79B
STAKING PLAN
Sta 544+30 to 547+10

Registered Professional Engineer
CERTIFICATE NO.
47513
ALLEN R. HATHCOCK
Date Signed 07/07/2023
ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	C-09.04
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	78	156	

0000 PN FLO

Elizabeth St Cst ℄

Florence Heights Dr Cst ℄

Southern Roundabout
Center Point

20+60.00
44.37' Lt
1535.95

20+80.00
33.25' Lt
1535.80

21+00.00
25.30' Lt
1535.56

21+20.00
20.19' Lt
1535.23

21+60.33
18.00' Lt
1534.53

22+00.00
5.29' Lt
1534.09

21+40.00
18.00' Lt
1534.89

21+60.00
18.00' Lt
1534.54

21+80.00
5.29' Lt
1534.44

22+00.57
5.29' Lt
1534.08

20+71.90
13.26' Lt
1536.11

20+70.09
11.88' Lt
1536.15

20+80.00
10.64' Lt
1536.03

21+00.00
6.40' Lt
1535.79

21+20.00
5.21' Lt
1535.49

21+40.00
5.29' Lt
1535.14

21+60.00
5.29' Lt
1534.79

21+80.00
5.29' Rt
1534.45

21+91.90
5.29' Rt
1534.24

20+70.72
4.53' Lt
1536.20

20+70.20
6.49' Rt
1536.30

20+73.96
10.16' Rt
1536.28

20+80.00
9.10' Rt
1536.18

21+00.00
6.55' Rt
1535.85

21+20.00
5.38' Rt
1535.50

21+40.00
5.29' Rt
1535.15

21+60.00
5.29' Rt
1534.80

20+80.00
28.19' Rt
1536.01

20+60.00
41.88' Rt
1536.45

21+00.00
21.14' Rt
1535.62

21+19.52
18.20
1535.26

NOTE:

1. Station and offsets reference the Florence Heights Drive Cst ℄ unless otherwise noted.

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

FLORENCE HEIGHTS DR
STAKING PLAN
Sta 20+00 to 22+00

Registered Professional Engineer (Civil) Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 Arizona, U.S.A.

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

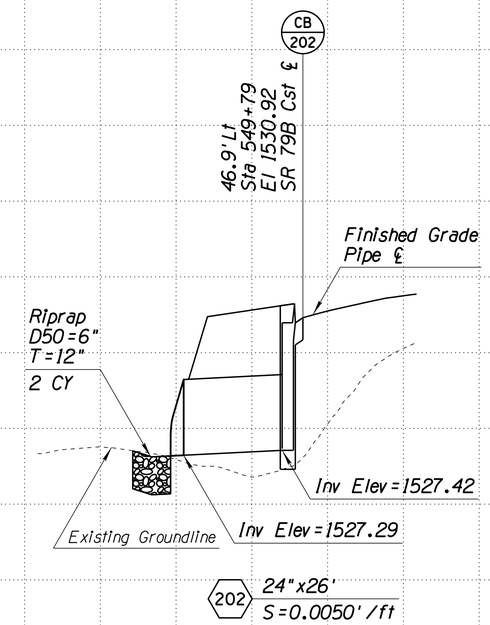
DWG NO. C-09.05

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

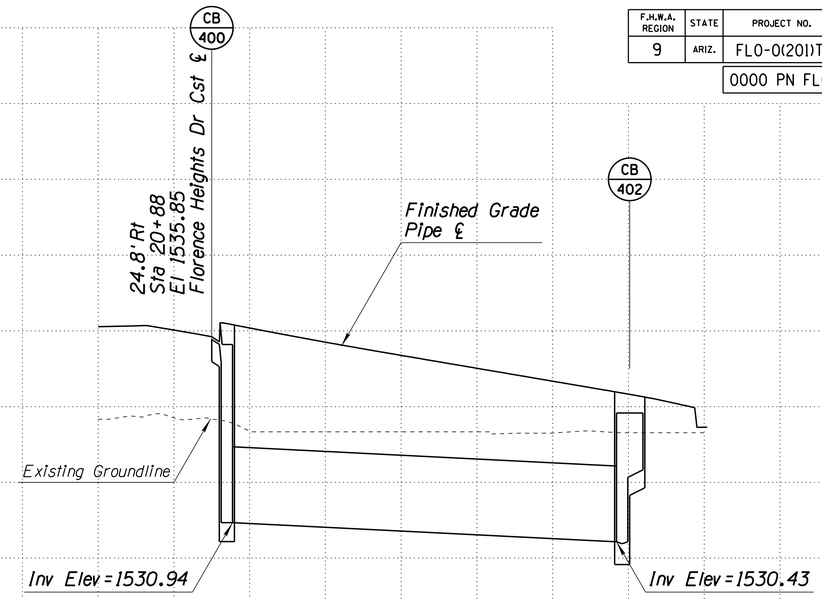
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	79	156	

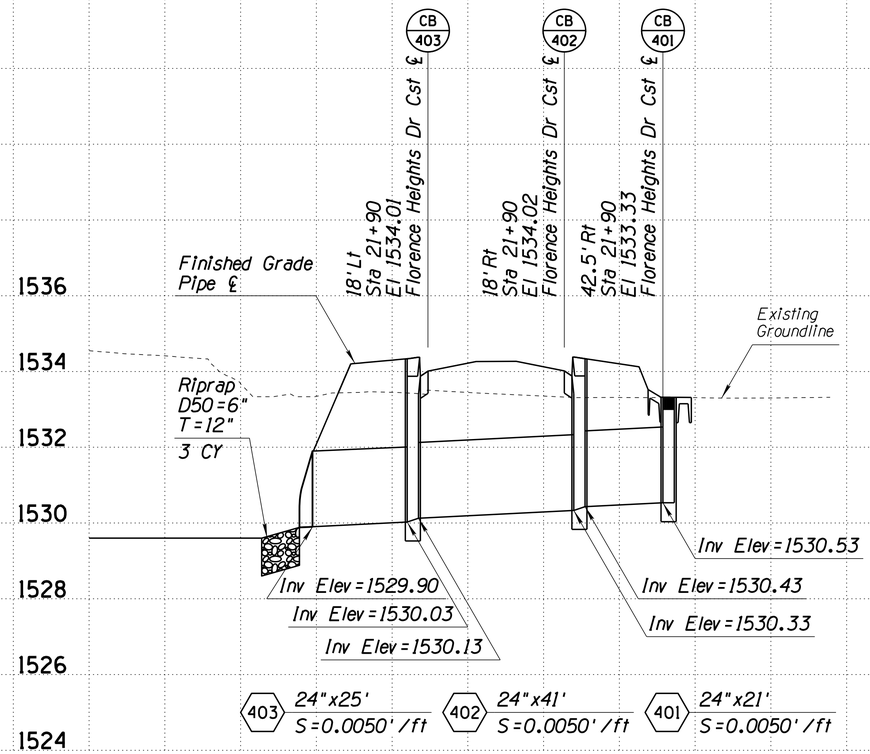
0000 PN FLO



202 24"x26'
S=0.0050'/ft



400 24"x102'
S=0.0050'/ft



403 24"x25'
S=0.0050'/ft

402 24"x41'
S=0.0050'/ft

401 24"x21'
S=0.0050'/ft

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Baxter	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

STORM DRAIN PROFILE SHEET

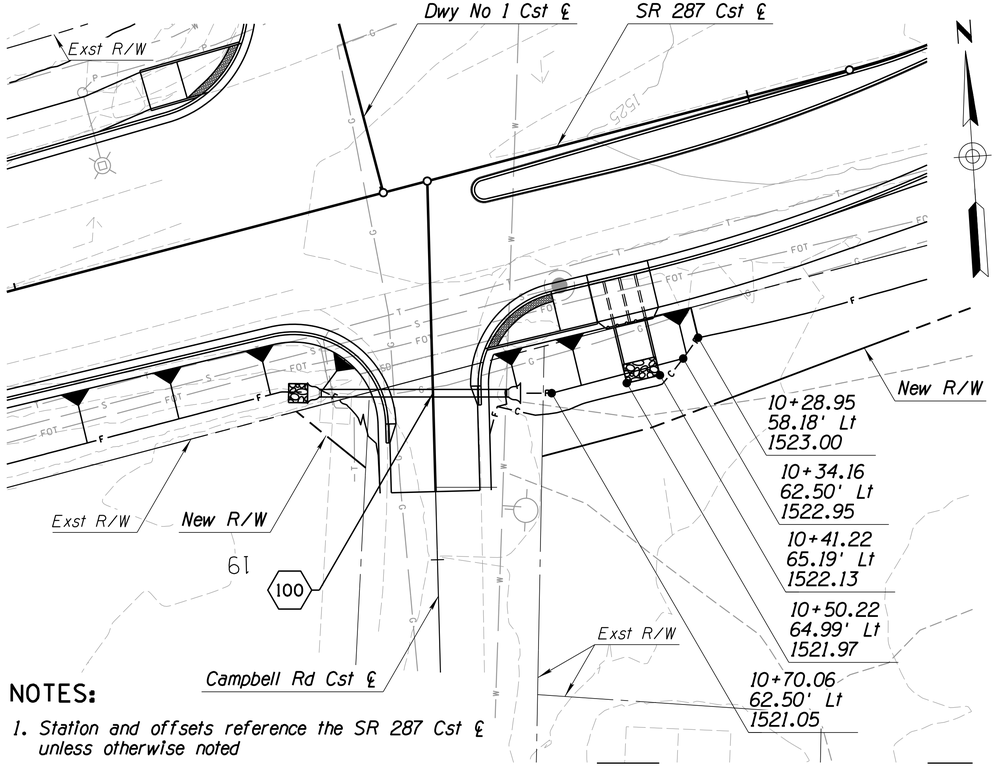
Registered Professional Engineer, State of Arizona, Certificate No. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	D-01.01
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

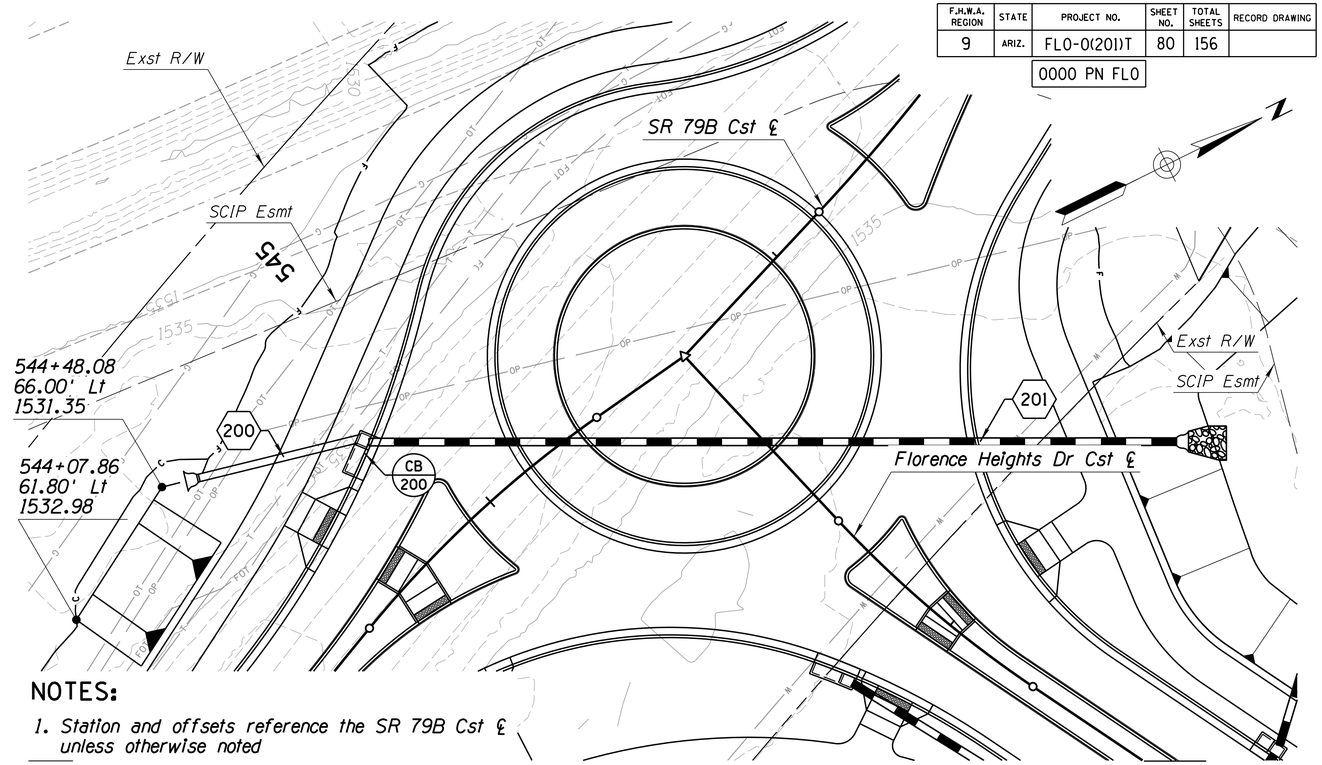
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	80	156	

0000 PN FLO



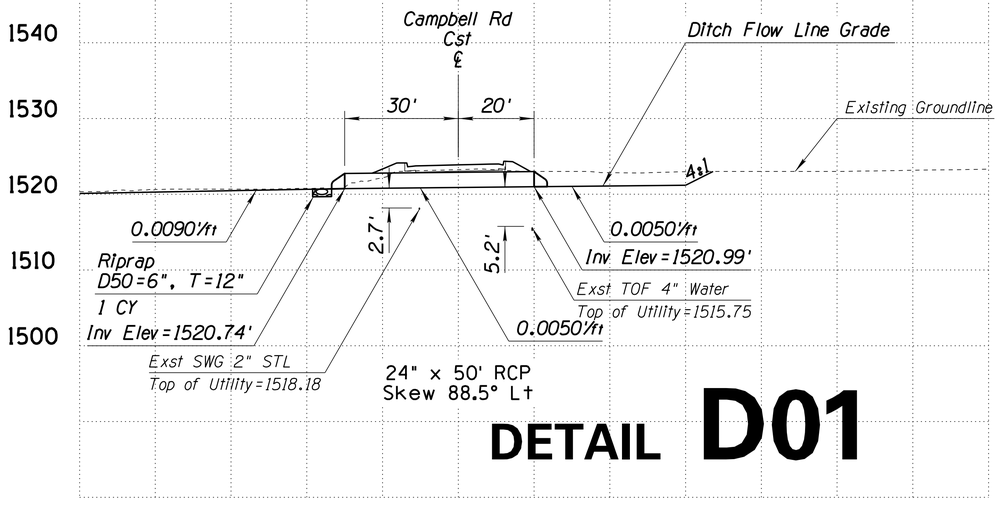
NOTES:

1. Station and offsets reference the SR 287 Cst ℄ unless otherwise noted

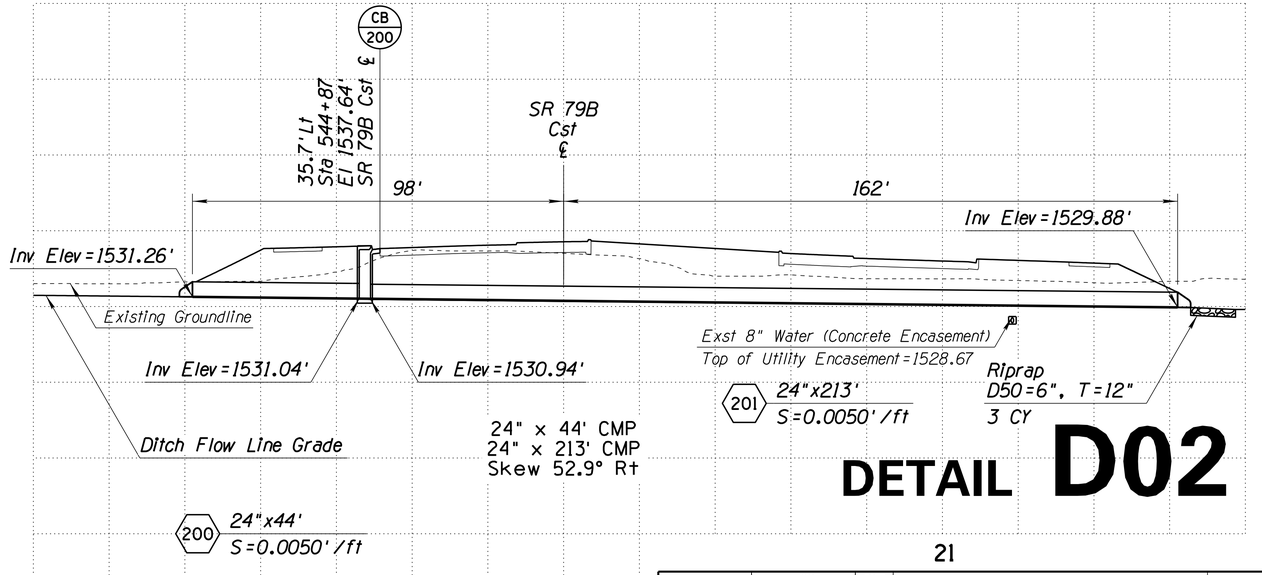


NOTES:

1. Station and offsets reference the SR 79B Cst ℄ unless otherwise noted



DETAIL D01



DETAIL D02

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Baxter	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

CULVERT DETAIL SHEET
CAMPBELL RD Sta 11+00
SR 79B Sta 545+48

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. D-02.01

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

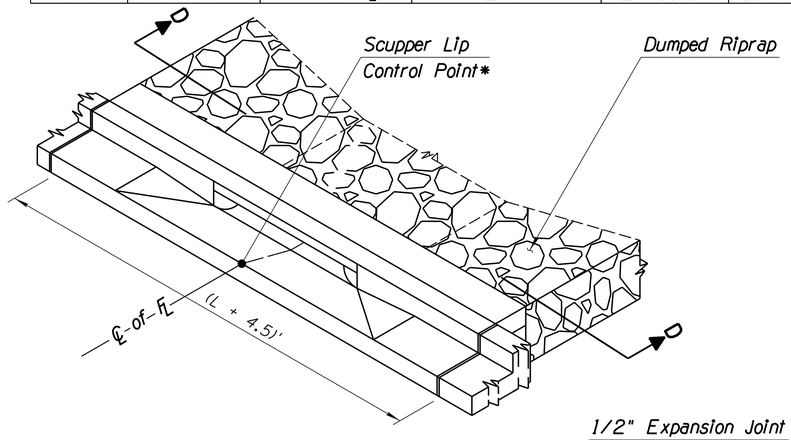
SURVEY NO. | DATE | LOCATION | REVISIONS | FINISHED PLANS | SURVEY NO. | DATE

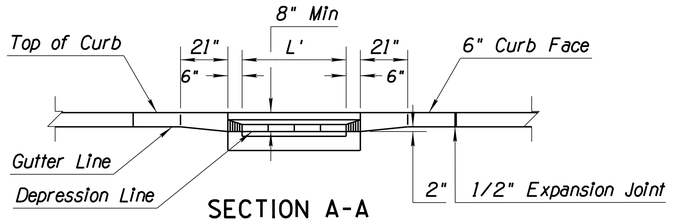
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	81	156	
		0000 PN FLO			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

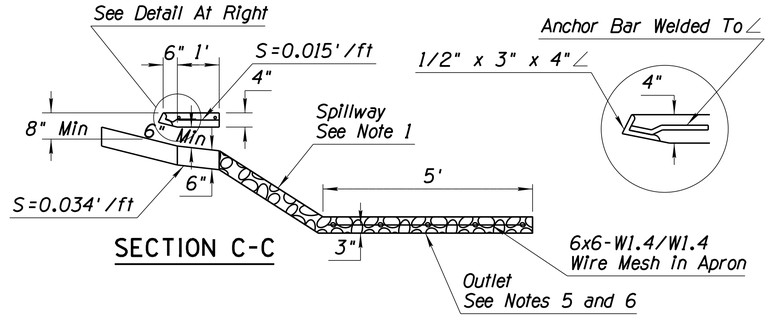
(DXX) CULVERT RIPRAP LOCATIONS & DIMENSIONS

PLAN REF NO	TYPE	DESCRIPTION	NUMBER-LENGTH OF CURB OPENING, L	*STATION	*OFFSET	*SCUPPER LIP ELEV	TC ELEV	GUTTER ELEV	SPILLWAY START STATION	SPILLWAY START OFFSET	SPILLWAY END STATION	SPILLWAY END OFFSET	TOTAL SPILLWAY LENGTH	HANDRAIL LENGTH
D10	Dtl D03	SR 287 Cst ℄	1-6'	8+20.00	71.21' RT	1527.89	1528.39	1527.72	8+22.99	73.41' RT	8+26.95	76.46' RT	5'	
D11	MAG SD 206	SR 287 Cst ℄	2-4'	12+50.00	30.01' RT	1522.63	1523.13	1522.46	12+50.36	45.22' RT	12+50.49	50.71' RT	5.5'	13.17'
D12	MAG SD 206	SR 287 Cst ℄	2-4'	10+45.00	34.89' LT	1525.28	1525.78	1525.11	10+45.36	50.10' LT	10+45.60	60.09' LT	10'	13.17'
D13	Dtl D03	SR 287 Cst ℄	1-6'	13+00.00	22.82' LT	1522.21	1522.71	1522.04	13+00.09	26.53' LT	13+00.46	42.02' LT	15.5'	
D30	Dtl D03	SR 79B Cst ℄	1-6'	A550+72.00	48.87' RT	1528.09	1528.59	1527.92	550+73.03	52.36' RT	550+74.38	57.08' RT	5'	
D31	Dtl D03	SR 79B Cst ℄	1-6'	549+75.00	59.47' RT	1530.46	1530.96	1530.29	549+72.49	62.75' RT	549+68.92	67.13' RT	5'	
D32	Dtl D03	SR 79B Cst ℄	1-6'	A549+77.00	101.38' LT	1527.57	1528.07	1527.40	549+78.98	104.52' LT	549+81.65	108.74' LT	5'	
D33	Dtl D03	SR 79B Cst ℄	1-6'	A552+00.00	30.00' LT	1527.10	1527.60	1526.93	552+00.00	33.71' LT	552+00.00	38.71' LT	5'	
D40	MAG SD 206	FH Cst ℄	2-4'	24+98.54	18.00' LT	1527.99	1528.49	1527.82	24+98.54	20.71' LT	24+98.68	39.73' LT	19'	13.32'
D41	MAG SD 206	FH Cst ℄	2-4'	24+98.54	18.00' RT	1527.99	1528.49	1527.82	24+98.54	20.71' RT	24+98.54	40.71' RT	20'	13.29'

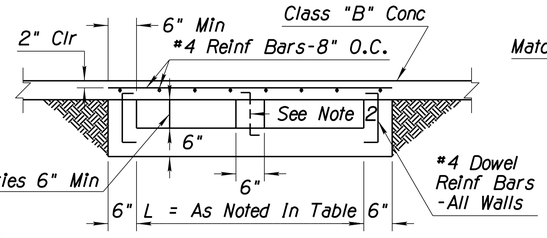




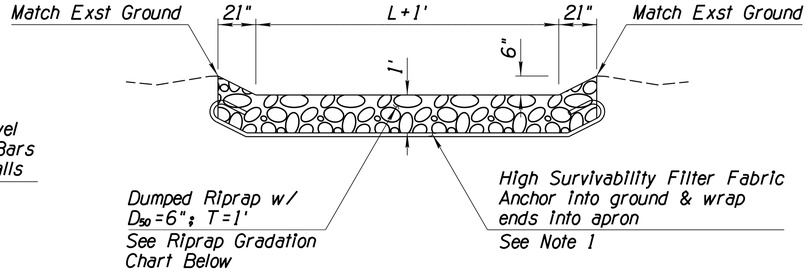
SECTION A-A



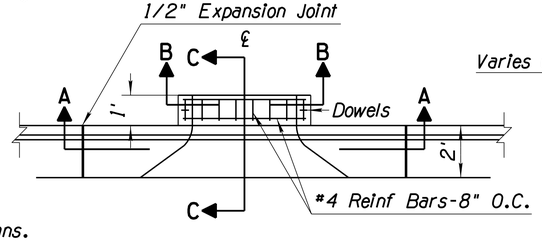
SECTION C-C



SECTION B-B



SECTION D-D (RIPRAP SPILLWAY)



SCUPPER PLAN VIEW

MODIFIED CONCRETE SCUPPER

NOTES:

1. Transition to spillway/channel as per approved plans.
2. A center wall shall be installed in scuppers wider than 4' or if more than 1 scupper is built in series.
3. Expansion joint filler shall be 1/2" bituminous type preformed expansion joint filler, A.S.T.M. D-1751.
4. See DWG C-03.01 - C-3.04 & C-04.01 - C-4.04 for scupper locations.
5. Where rock is encountered the outlet may be omitted, as approved by the Engineer.
6. When outlet is used, the wire mesh shall extend through the joint into the outlet in lieu of bending into the key.

RIPRAP GRADATION CHART	
ROCK SIZE (In)	PERCENT GRADATION SMALLER THAN (%)
10	100
8	85
6	50
3	15

DETAIL D03

SCUPPER DETAIL

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Baxter	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

MODIFIED CONCRETE SCUPPER
DETAIL D03

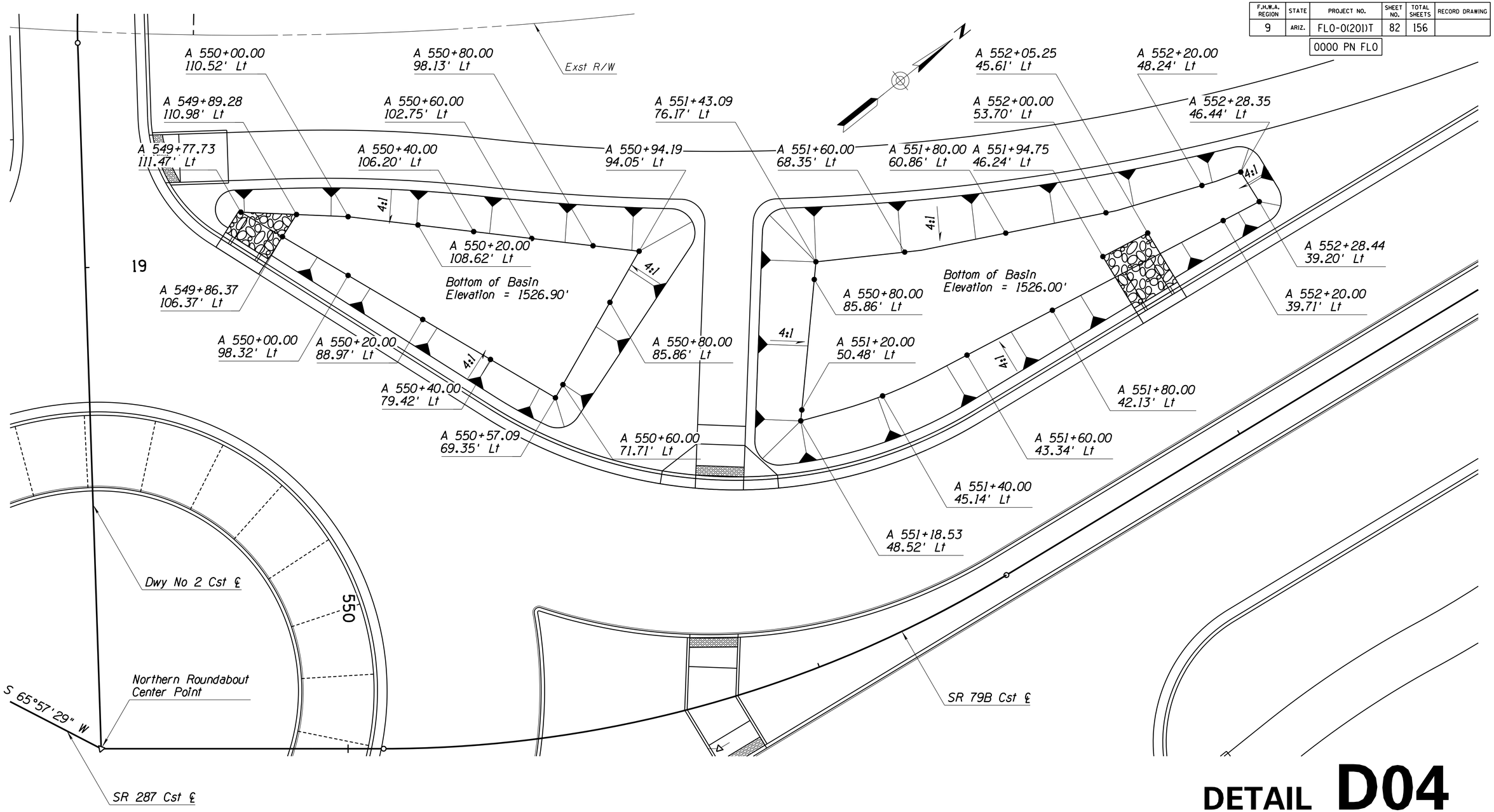
Professional Engineer Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	D-02.02
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

8:02:09 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\DRAINAGE\SZ041_DTL_D03.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	82	156	

0000 PN FLO



DETAIL D04

BASIN GRADING/STAKING 1 OF 4

NOTE:

1. Station and offsets reference the SR 79B Cst ℄ unless otherwise noted

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

BASIN GRADING/STAKING
DETAIL D04
SHEET 1 OF 4

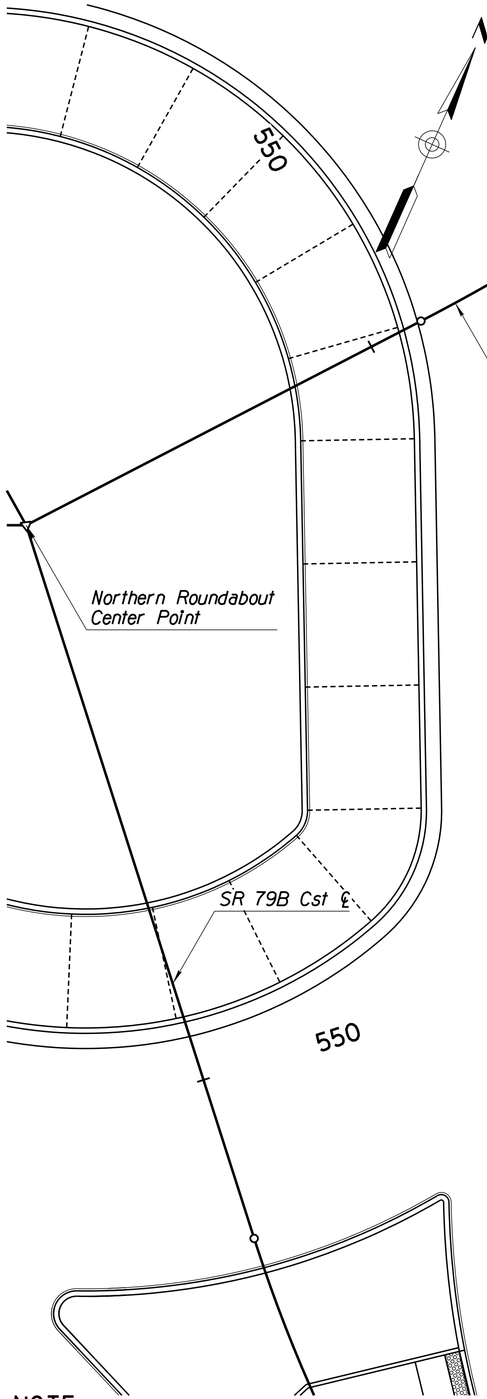
Registered Professional Engineer CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

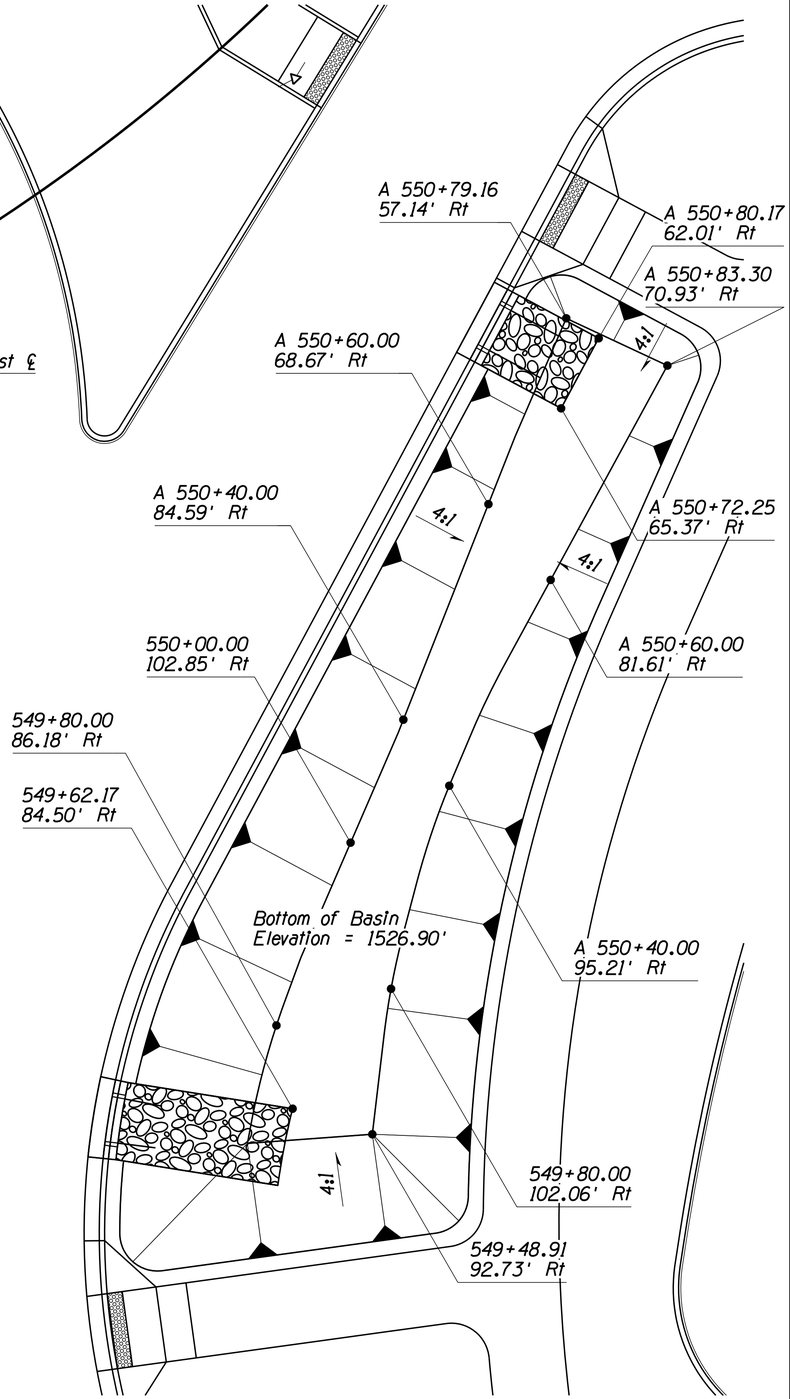
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	D-03.01
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO. | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	83	156	

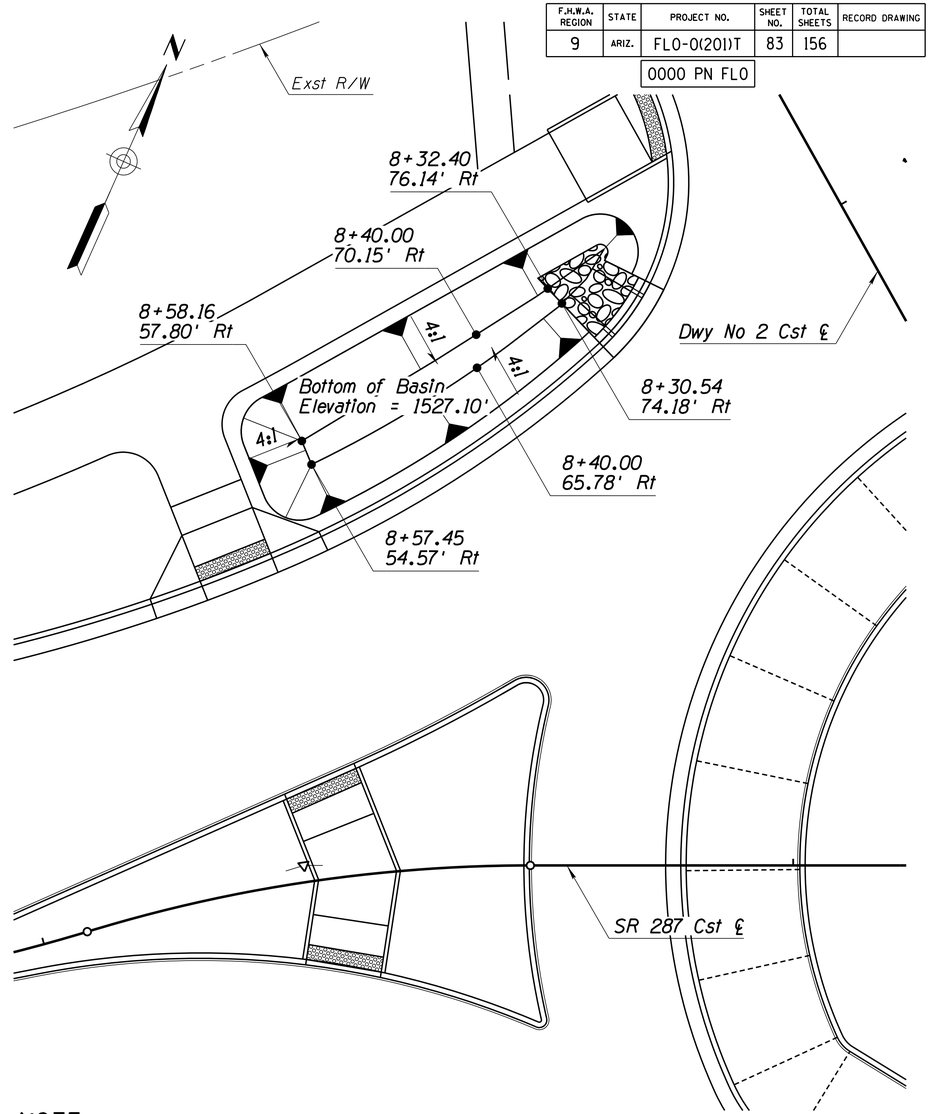
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NOTE:

1. Station and offsets reference the SR 79B Cst ℄ unless otherwise noted



NOTE:

1. Station and offsets reference the SR 287 Cst ℄ unless otherwise noted

DETAIL D04

BASIN GRADING/STAKING 2 OF 4

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

BASIN GRADING/STAKING
DETAIL D04
SHEET 2 OF 4

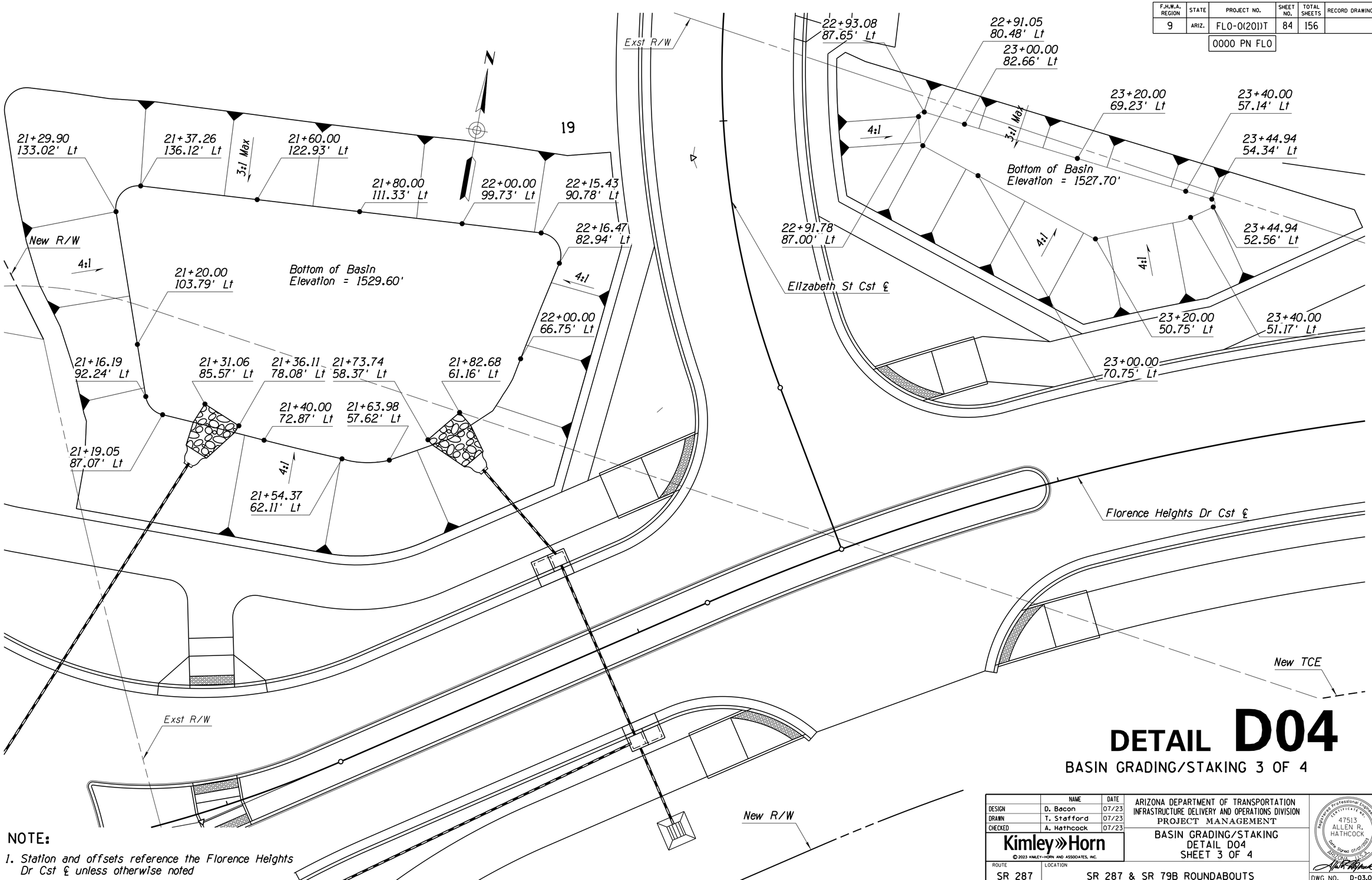
Registered Professional Engineer, CERTIFICATE NO. 47513, ALLEN R. HATHCOCK, Date Signed 07/07/2023, ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	D-03.02

TRACS NO.			SHEET NO.
SZ041 01C		FLO-0(201)T	___ OF ___

SURVEY NO. | DATE: | LOCATION: | REVISIONS: | FINISHED PLANS:

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	84	156	
		0000 PN FLO			



NOTE:

1. Station and offsets reference the Florence Heights Dr Cst ℄ unless otherwise noted

DETAIL D04

BASIN GRADING/STAKING 3 OF 4

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

BASIN GRADING/STAKING
DETAIL D04
SHEET 3 OF 4

Registered Professional Engineer Certificate No. 47513 ALLEN R. HATHCOCK Date Signed 07/07/2023 ARIZONA U.S.A.

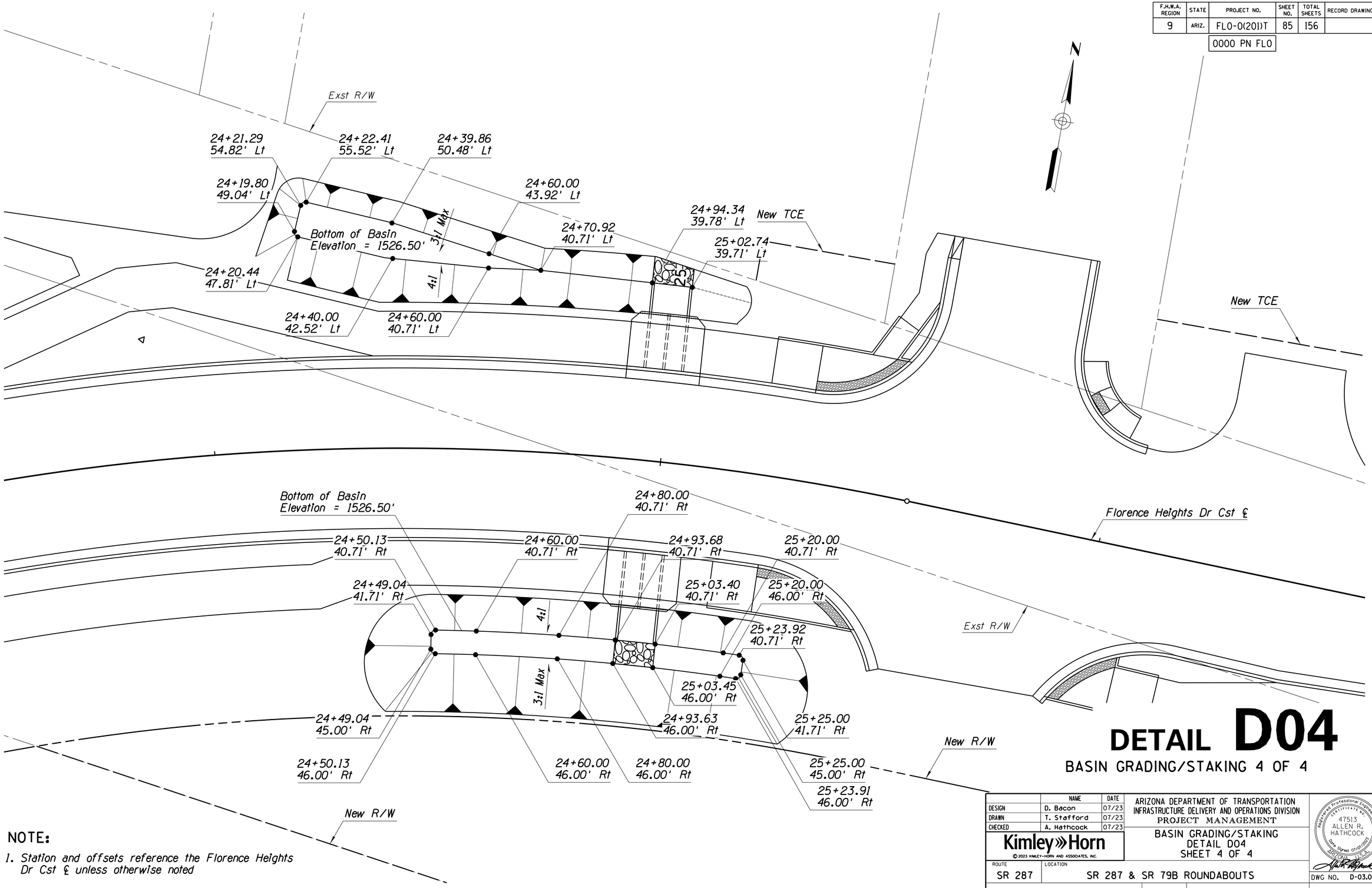
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SR 287	SR 287 & SR 79B ROUNDABOUTS	D-03.03
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

8:02:15 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\DRAINAGE\SZ041_DRSTK03.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	85	156	
		0000 PN FLO			

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE



DETAIL D04

BASIN GRADING/STAKING 4 OF 4

NOTE:

1. Station and offsets reference the Florence Heights Dr Cst ℄ unless otherwise noted

	NAME	DATE
DESIGN	D. Bacon	07/23
DRAWN	T. Stafford	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

BASIN GRADING/STAKING
DETAIL D04
SHEET 4 OF 4

Registered Professional Engineer Certificate No. 47513 ALLEN R. HATHCOCK Not valid without signature ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	D-03.04
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	86	156	
		0000 PN FLO			

ADOT Traffic Control General Notes:

1. *All existing pavement markings in conflict with the traffic control plans shall be removed by approved methods, as indicated in the Special Provisions.*
2. *Off-duty uniformed officers and their vehicles shall be included as part of the Contractor's traffic control when the Engineer determines they should be present, including during the installation, relocation between activities, and removal of temporary concrete barrier, and when detours are in place. The contractor shall provide flagger and uniform police officers (DPS) as directed by the Engineer during construction activities shown in the plans.*
3. *The contractor shall coordinate all traffic control setups with ADOT and the City of Florence to avoid conflicts with other adjacent projects.*
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.*
6. *The retroreflective sheeting on all construction signs shall meet criteria established in Section 1007 of the Specifications and in Section 380 of the ADOT Traffic Engineering Policies, Guidelines and Procedures.*
7. *All signing shown on the plans shall be installed on spring stands, at the height recommended by the spring stand manufacturer.*
8. *The nearest edge or corner of a sign shall be a minimum 2' from face of curb 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 used for channelization.*
12. *Channelizing devices shall be placed 20 feet on center in tapers and 40 feet on center in tangent sections, 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 for covering or turning them shall be considered part of the sign installation cost. No further compensation will be made. These signs shall be removed within 24 hours after the completion of 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. *Where no closure is necessary but where there is construction alongside a roadway under construction, the contractor shall place a 36 inch x 36 inch "ROAD WORK AHEAD" and "SHOULDER WORK AHEAD" sign as directed by the Engineer to alert the public to the construction activities.*
17. *When Highway Logo signs are required to be removed, relocated, or covered, or if ramp traffic for businesses on the Logo Signs is detoured, the Contractor shall contact the Director of Field Operations at Grand Canyon State Logo Signs, at 602-712-2120, a minimum of one week in advance of such activity.*
18. *When traffic control devices are not in use, they shall be moved at least 30 feet from the roadway. Traffic control devices shall not be permitted to remain stockpiled on the shoulder until the next closure.*
19. *The contractor shall utilize a flashing arrow panel in the sequential chevron mode for each closure of a through lane.*
20. *An adequate number of Type III shall be placed across each roadway to be closed. A 48 inch by 30 inch "ROAD CLOSED" sign shall be attached to one of the Type III barricades closing the roadway. A Type A flashing warning sign shall be attached to each end of the of each Type III barricade during nighttime activities.*
21. *Type A impact attentuators shall be installed in accordance with ADOT Standard Drawings C-01 and C-02.*
22. *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 Standard Specifications. All traffic control plans are subject to the approval of the Engineer before beginning construction.*
23. *Adjustments to the details of these traffic control plans and requirements maybe necessary due to construction activities or as directed by the Engineer.*
24. *Temporary pavement markings shall be removed by approved methods when no longer required.*
25. *MUTCD compliant traffic cones will be allowed at the discretion of the Engineer at no additional cost to the Department.*
26. *Temporary striping shall be Type II preformed pavement marking tape. The pavement temperature shall be at least 60 degrees F when the tape is applied to the pavement. If the temperature is below 60 degrees F, then standard reflectorized traffic paint shall be used. The contractor shall remove the Type II tape at the completion of each phase of work at no additional cost to the Department.*

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

TRAFFIC CONTROL
GENERAL NOTES

Registered Professional Engineer — CERTIFICATE NO. 74188 — GABRIELLE AMADO — Date Signed 07/07/2023 — ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-01.01
TRACS NO. SZ041 01C	FLO-0(201)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.	FLO-0(201)T	87	156	
		0000 PN FLO			

Traffic Control Quantities

Item No.	Item	Units	Advance Warning Signs	Activity 1A	Activity 1B	Activity 2A	Activity 2B	Activity 3	Activity 4	Total*
	Activity Duration (See Note)	Days	224**	37	84	50	8	13	32	
7015010	TEMPORARY CONCRETE BARRIER (INSTALLATION AND REMOVAL)	L.FT.				855				860
7015020	TEMPORARY IMPACT ATTENUATORS (INSTALLATION AND REMOVAL)	EACH				2				2
7015032	TEMPORARY PREFORMED MARKING (TYPE II, TAPE LINE)	L.FT.			4,455	11,400	2,050	200		18,105
7016020	TEMPORARY CONCRETE BARRIER (IN USE)	L.FT.-DAY			20,496	42,750				63,250
7016021	TEMPORARY IMPACT ATTENUATORS (IN USE)	EACH-DAY			168	100				270
7016030	BARRICADE (TYPE 1, TYPE 2, VERT.PANEL, TUBULAR MARKER)	EACH-DAY	13,440		5,208	7,150	480	1,807		28,090
7016031	BARRICADE (TYPE 3, HIGH LEVEL FLAG TREE)	EACH-DAY		703	3,864					4,570
7016032	PORTABLE SIGN STAND (RIGID)	EACH-DAY						13		13
7016033	PORTABLE SIGN STAND (SPRING TYPE)	EACH-DAY	3,808	222	3,108	600	48	117		7,910
7016035	WARNING LIGHT (TYPE A)	EACH-DAY	3,808	444	6,636	850	48	130	32	11,950
7016037	WARNING LIGHT (TYPE C)	EACH-DAY	13,440		5,208	7,150	480	1,807	15,488	43,580
7016051	TEMPORARY SIGN (LESS THAN 10 S.F.)	EACH-DAY	672	222	8,148	800			32	9,880
7016052	TEMPORARY SIGN (10 S.F. OR MORE)	EACH-DAY	3,808	222	1,260	300	48	130		5,770
7016061	FLASHING ARROW PANEL	EACH-DAY			84	100		52		240
7016067	CHANGEABLE MESSAGE BOARD (CONTRACTOR FURNISHED)	EACH-DAY	1,344		168					1,520
7016069	TEMPORARY WATER-FILLED BARRIER	L.FT.-DAY				26,900		650		27,550
7016075	FLAGGING SERVICES (CIVILIAN)	HOUR				125			125	250
7016079	FLAGGING SERVICES (UNIFORMED OFFICER)	HOUR				125			125	250

* Some total quantities are rounded for clarity.

** Advanced Warning Signs duration is equal to the duration of the project since advance warning signs will be implemented for entire duration of project.

Note:
Activity durations are in calendar days.

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

TRAFFIC CONTROL QUANTITIES

Registered Professional Engineer — CERTIFICATE NO. 74188 — GABRIELLE AMADO — Date Signed 07/07/23 — ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-02.01
TRACS NO. SZ041 01C	FLO-0(201)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.	FLO-0(201)T	88	156	
		0000 PN FLO			

MAINTENANCE AND PROTECTION OF TRAFFIC - SR 287 & SR 79B

ACTIVITY	CONSTRUCTION ACTIVITY	TRAFFIC CONTROL	COMMENTS
1A	*Install Advanced Signing* *Construct Elizabeth St connection to Florence Heights Dr* *Construct Keating St driveway connection*	*All traffic in existing lanes. Install signs per advance warning sign detail TC-1.* *Close EB Florence Heights Dr at SR-79B and WB at Elizabeth St per MUTCD TA-8 (Figure 6H-8)* *Maintain access to Residence 1 and Residence 2 along Florence Heights Dr. Private residences along Elizabeth St shall be detoured through alternative route along Celaya St.* *Private residences along Keating St shall be detoured through alternative route along Celaya St.*	*Signs shall be mounted on spring stands with Type A warning lights and flags except on the "END ROAD WORK THANK YOU" sign.* *Signs are to remain in place for the duration of the project.* *Provide changeable message boards (CMB) and 10 Type II barricades surrounding each CMB 10 days before work begins. Contractor shall coordinate with the Engineer on message.* *Install speed limit reduction signing per the specifications during all lane closures and lane shifts.*
1B	*Construct entire south Roundabout, southeast side of north Roundabout (not including the median), connection to Keating St, Florence Heights Dr and connection to Elizabeth St.* *Construct curb, gutter, sidewalk and AC pavement* *Construct drainage basin, 24" pipe culvert and storm drain pipe* *Install light poles, pull boxes and conduit*	*Close SR-79B SB to SR-79 per MUTCD TA-8 (Figure 6H-8)* *Maintain access to private residences. Local traffic only.* *For residence along Canal Rd, use Cumberland Rd off SR-79B/SR-287.* *Detour traffic per detail TC-2* *Close SR-287 EB to SR-79B SB per MUTCD TA-8 (Figure 6H-8)* *Maintain access to private residences. Local traffic only.* *For residence along Canal Rd, use Cumberland Rd off SR-79B/SR-287.* *Detour traffic per detail TC-2* *Close SR-79 NB to SR-79B at SR 79B junction per MUTCD TA-8 (Figure 6H-8)* *Maintain access to private residences. Local traffic only.* *For residence along Canal Rd, use Cumberland Rd off SR-79B/SR-287.* *Detour traffic per detail TC-2* *Close existing Florence Heights Dr per MUTCD TA-8 (Figure 6H-8)* *Maintain access to private residences on existing Florence Heights Dr* *Maintain access to private residence on northwest corner of Orlando St and existing Florence Heights Dr.* *Maintain access to private residence on northeast corner of Keating and existing SR 79B NB.* *Maintain access to Driveway No. 4* *Shift EB to NB traffic on SR-287 to the northwest side of north Roundabout per MUTCD TA-31 (Figure 6H-31) to maintain two-way traffic to and from SR-287 to SR-79B*	*The contractor shall coordinate full closures with the Engineer per the specifications.* *The contractor shall restrict haul trucks from using the detour route/local roads and communicate that they must use ADOT roads.* *Install speed limit reduction signing per the specifications during all lane closures and lane shifts.* *Install temporary pavement marking as necessary using Type II preformed tape.*
2A	*Construct northwest side of the north Roundabout* *Construct curb, gutter, sidewalk, and AC pavement* *Construct Driveway No. 2* *Install light poles, pull boxes and conduit* *Install temporarty pavement on the southeast side of the north Roundabout and connection to Driveway No. 1*	*Shift SR-79B SB traffic and SR-287 WB traffic to southeast side of north Roundabout per MUTCD TA-31 (Figure 6H-31) to maintain two-way traffic from SR-79B to SR-287 (using temporary pavement)* *Restrict SB left turns from SR-79B to SR-79B. Detour traffic to Butte Ave to access SR-79 and Florence Heights Dr. See traffic detour detail TC-2* *Restrict NB left turns from SR-79B to SR-287 WB. Detour traffic to Butte Ave from SR-79.* *Maintain access to Driveway No. 1*	*Provide a uniformed police officer with marked car during set up and removal of TCB.* *The contractor shall restrict haul trucks from using the detour route/local roads and communicate that they must use ADOT roads.* *Remove Temporary pavement (Refer to Temporary Structural Section on DWG No. G-02.01)* *Install speed limit reduction signing per the specifications during all lane closures and lane shifts.* *Install yield signing at north Roundabout so that NB right turns from SR-79B to SR-79B must yield to EB left turns from SR-287 to SR-79B.* *Install temporary pavement marking as necessary using Type II preformed tape.*

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

MAINTENANCE OF TRAFFIC
SHEET 1 OF 2

Registered Professional Engineer — Certificate No. 74188 — GABRIELLE AMADO — Date Signed 07/07/23 — ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-03.01

TRACS NO.			
SZ041 01C		FLO-0(201)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.	FLO-0(201)T	89	156	
		0000 PN FLO			

MAINTENANCE AND PROTECTION OF TRAFFIC - SR 287 & SR 79B (CONT.)

ACTIVITY	CONSTRUCTION ACTIVITY	TRAFFIC CONTROL	COMMENTS
2B	*Construct Roundabout curb & gutter after construction of northwest side of the north Roundabout is complete*	*Maintain one through lane from SR-287 to SR-79B.* *Maintain one through lane from SR-79B to SR-287.*	*Install speed limit reduction signing per the specifications during all lane closures and lane shifts.* *Install temporary pavement marking as necessary using Type II preformed tape.*
3	*Construct northeast and west median curb & gutter on the north Roundabout* *Construct cub & gutter, sidewalk and Driveway No. 1* *Construct cub & gutter, sidewalk and Campbell Rd driveway*	*Close inner lane of the eastbound (SR-287), southbound (SR-79B) and northbound (SR-79B) approaches of the north Roundabout per MUTCD TA-30 (Figure 6H-30)* *Restrict SB left turns from SR-79B to SR-79B.* *Detour traffic per detail TC-2* *Close outer lane of the westbound approach (SR-287) of the north Roundabout per MUTCD TA-30 (Figure 6H-30)* *Maintain access to Driveway No. 1* *Close shoulder of eastbound (SR-287) approach of the north Roundabout per MUTCD TA-3 (Figure 6H-3)* *Maintain access to Campbell Rd for private residences*	*Install speed limit reduction signing per the specifications during all lane closures and lane shifts.* *The contractor shall restrict haul trucks from using the detour route/local roads and communicate that they must use ADOT roads.* *Install temporary pavement marking as necessary using Type II preformed tape.*
4	*Install final signing and pavment markings* *Install new signs, posts, and foundations.*	*Mobile operation per MUTCD TA-17 (Figure 6H-17) shall be used for installation of final pavement markings.*	

TRAFFIC CONTROL NOTES:

1. *The above listing of activities does not constitute a sequence of construction.*
2. *The contractor shall perform the work in the more expeditious manner consistent with the plans, specifications, and with approval of the Engineer.*
3. *The contractor shall use DPS or local enforcement officers for activities as needed with the approval of the Engineer.*

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

MAINTENANCE OF TRAFFIC
SHEET 2 OF 2

Registered Professional Engineer
CERTIFICATE NO.
74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-03.02
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

8:02:24 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\TRAFFIC CONTROL\SZ041_CP04.DGN

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	90	156	
		0000 PN FLO			



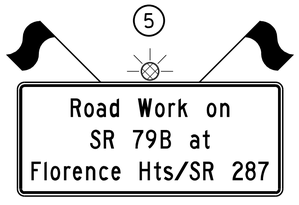
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W3-5aAZ
48" X 48"

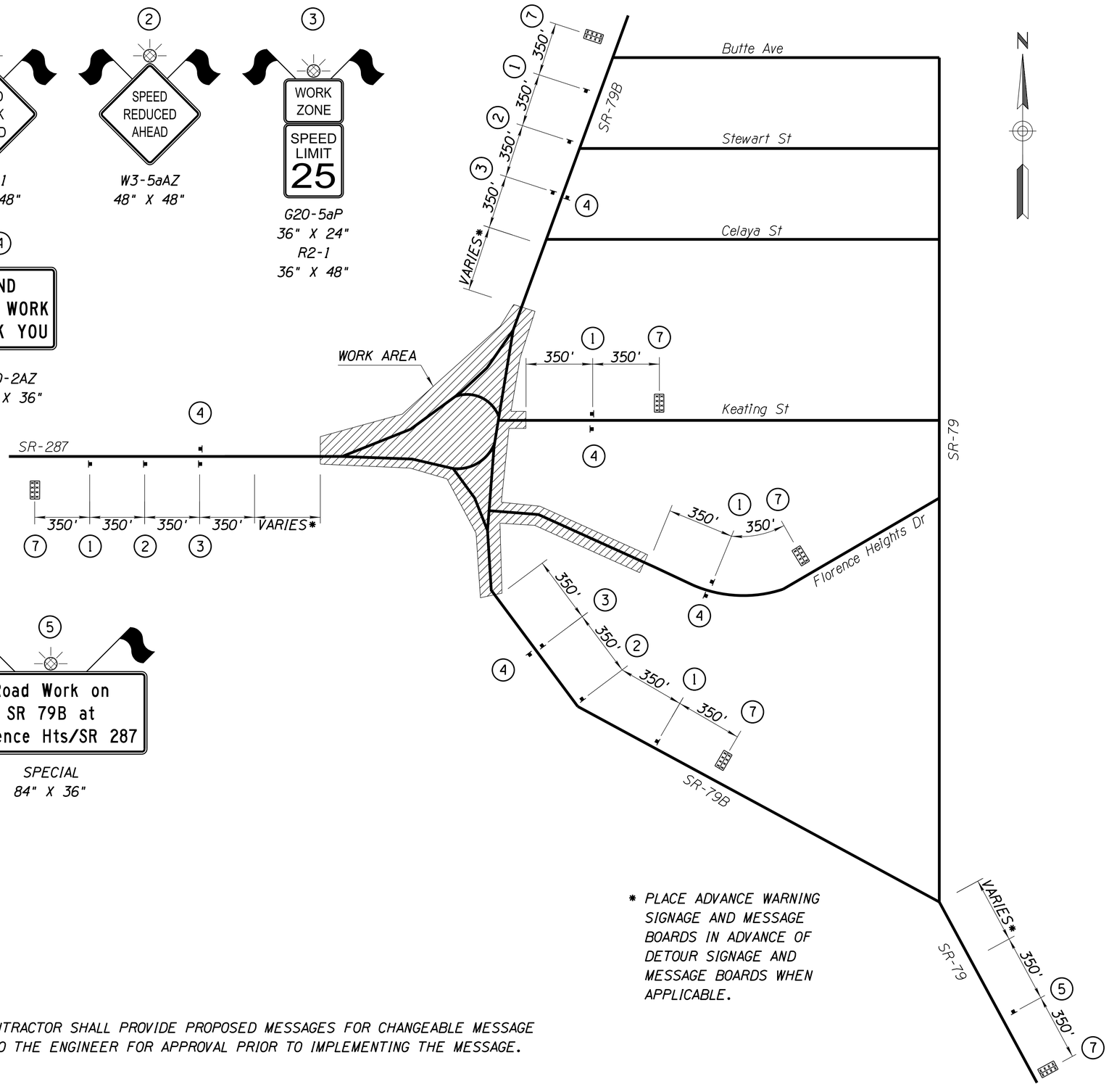
G20-5aP
36" X 24"
R2-1
36" X 48"



G20-2AZ
48" X 36"



SPECIAL
84" X 36"



* PLACE ADVANCE WARNING SIGNAGE AND MESSAGE BOARDS IN ADVANCE OF DETOUR SIGNAGE AND MESSAGE BOARDS WHEN APPLICABLE.

NOTE: CONTRACTOR SHALL PROVIDE PROPOSED MESSAGES FOR CHANGEABLE MESSAGE BOARDS TO THE ENGINEER FOR APPROVAL PRIOR TO IMPLEMENTING THE MESSAGE.

Suggested CMB Messages

PHASE 1

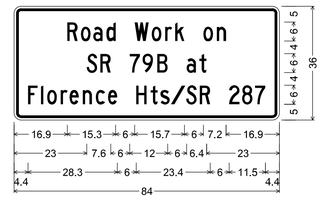
R	O	A	D				
W	O	R	K		A	T	
S	R		7	9	B		

(7)

PHASE 2

A	N	D					
S	R		2	8	7		

Specialty Sign Detail



2.3" Radius, 0.9" Border, 0.6" Indent, Black on Fluorescent orange;
"Road Work on", C 80% spacing;
"SR 79B at", C 80% spacing;
"Florence Hts/SR 287", C 80% spacing;

LEGEND

	Sign on Spring Stand
	Changeable Message Board

DETAIL TC-1
ADVANCE WARNING

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

ADVANCE WARNING

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

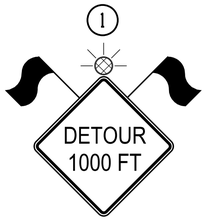
DWG NO. T-03.03

____ OF ____

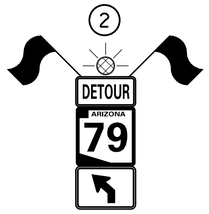
Registered Professional Engineer
CERTIFICATE NO.
74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	91	156	
		0000 PN FLO			

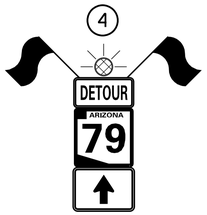


W20-2
48" X 48"

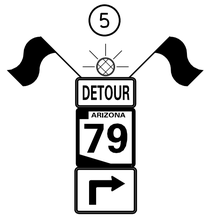


M4-8, 24" X 12"
M1-5a, 24" X 24"
M5-2L, 24" X 18"

M4-8, 24" X 12"
M1-5a, 24" X 24"
M6-2L, 24" X 18"

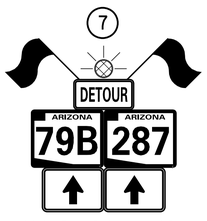


M4-8, 24" X 12"
M1-5a, 24" X 24"
M6-3, 24" X 18"



M4-8, 24" X 12"
M1-5a, 24" X 24"
M5-1R, 24" X 18"

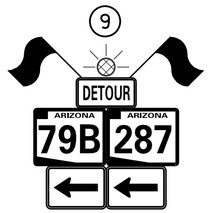
M4-8, 24" X 12"
M1-5a, 24" X 24"
M6-1R, 24" X 18"



M4-8, 24" X 12"
(2) M1-5b, 24" X 24"
(2) M6-3, 24" X 18"

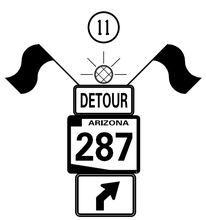


M4-8, 24" X 12"
(2) M1-5b, 24" X 24"
(2) M5-1L, 24" X 18"

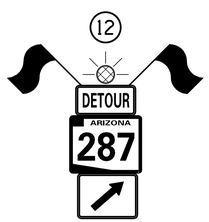


M4-8, 24" X 12"
(2) M1-5b, 24" X 24"
(2) M6-1L, 24" X 18"

M4-8, 24" X 12"
M1-5b, 24" X 24"
M6-3, 24" X 18"



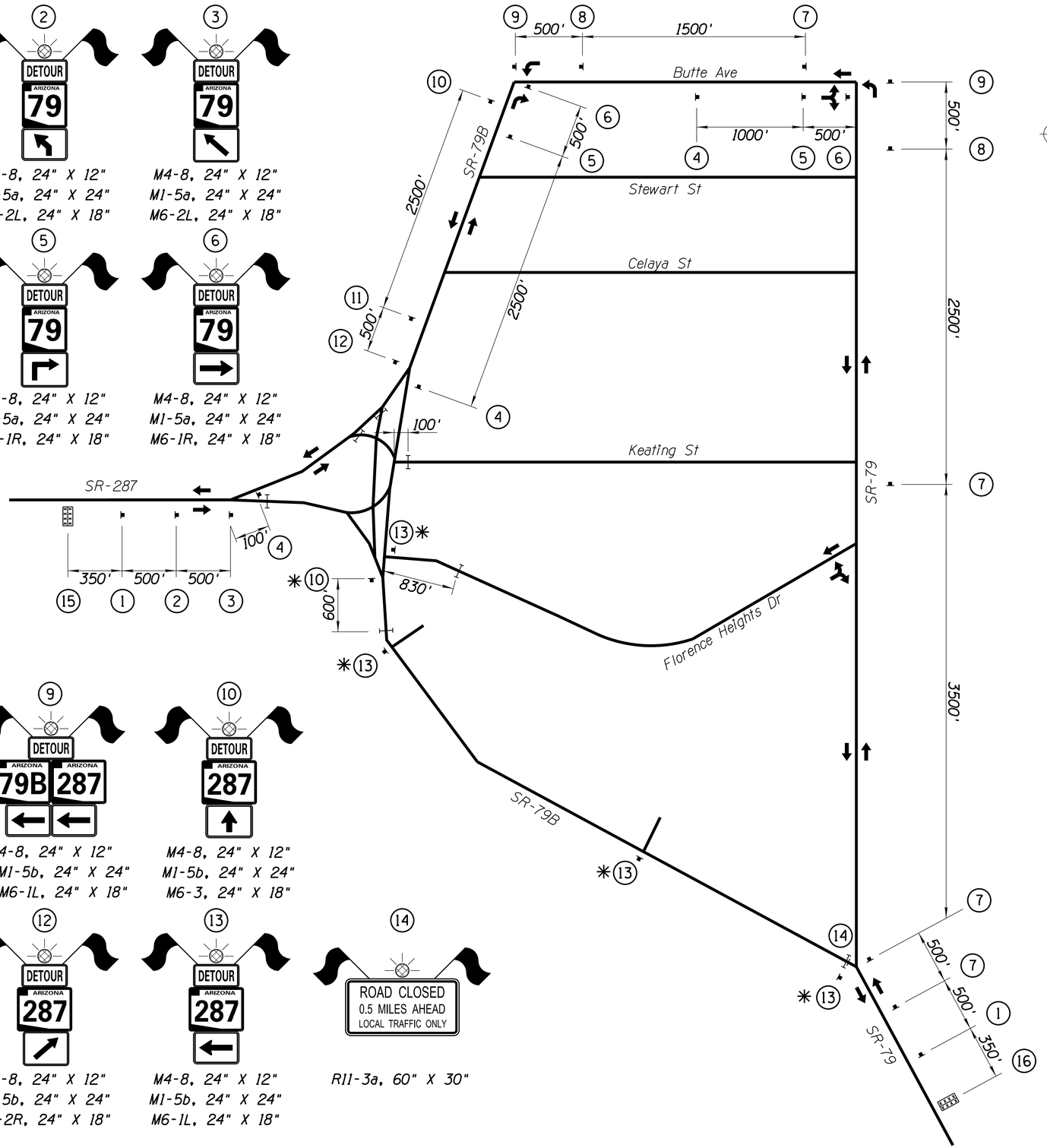
M4-8, 24" X 12"
M1-5b, 24" X 24"
M5-2R, 24" X 18"



M4-8, 24" X 12"
M1-5b, 24" X 24"
M6-2R, 24" X 18"

M4-8, 24" X 12"
M1-5b, 24" X 24"
M6-1L, 24" X 18"

R11-3a, 60" X 30"



Suggested CMB Messages

PHASE 1

	S	R		7	9			
	D	E	T	O	U	R		
	A	H	E	A	D			

(15)

PHASE 2

	U	S	E					
	B	U	T	T	E			
	A	V	E					

PHASE 1

	D	E	T	O	U	R		
	A	H	E	A	D			

(16)

PHASE 2

	S	R		2	8	7		
	A	N	D					
	S	R		7	9	B		

LEGEND

	Sign on Spring Stand
	Changeable Message Board
	Direction of Travel
	Type III Barricade
	Sign Mounted on Type III Barricade

✳ *TO BE INSTALLED ONLY DURING ACTIVITY 2A*

DETAIL TC-2

TRAFFIC CONTROL DETOURS

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

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TRAFFIC CONTROL DETOURS

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

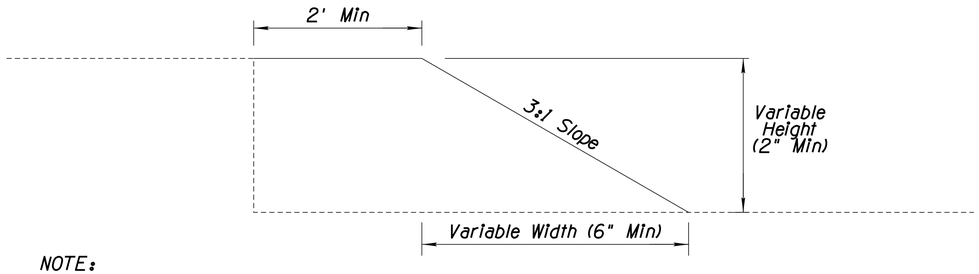
TRACS NO. SZ041 01C | FLO-0(201)T | DWG NO. T-03.04 | ___ OF ___

74188 GABRIELLE AMADO — Date Signed 07/07/23 — ARIZONA, U.S.A.

DATE | LOCATION | REVISIONS | FINISHED PLANS | SURVEY NO.

8:02:30 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\TRAFFIC CONTROL\SZ041_CP10.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	92	156	
		0000 PN FLO			



NOTE:

The variable depth fillet shall be used when the height of the drop-off alongside the pavement is two inches or greater and the condition is present during non-working hours.

For all drop-off at sawcut shoulder, curb, gutter, and sidewalk, use milling material to build fillet.

For drop-off during mill and replace, use AC material to build fillet or a variable mill of the adjacent travel lane.

No measurement or direct payment will be provided for the material, placement, maintenance and removal of the edge drop-off treatment, the cost is being considered as included in the price of contract items.

DETAIL TC-3

TEMPORARY WEDGE

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

TEMPORARY WEDGE

Registered Professional Engineer — Certificate No. 74188 — GABRIELLE AMADO — Date Signed 07/07/23 — ARIZONA, U.S.A.

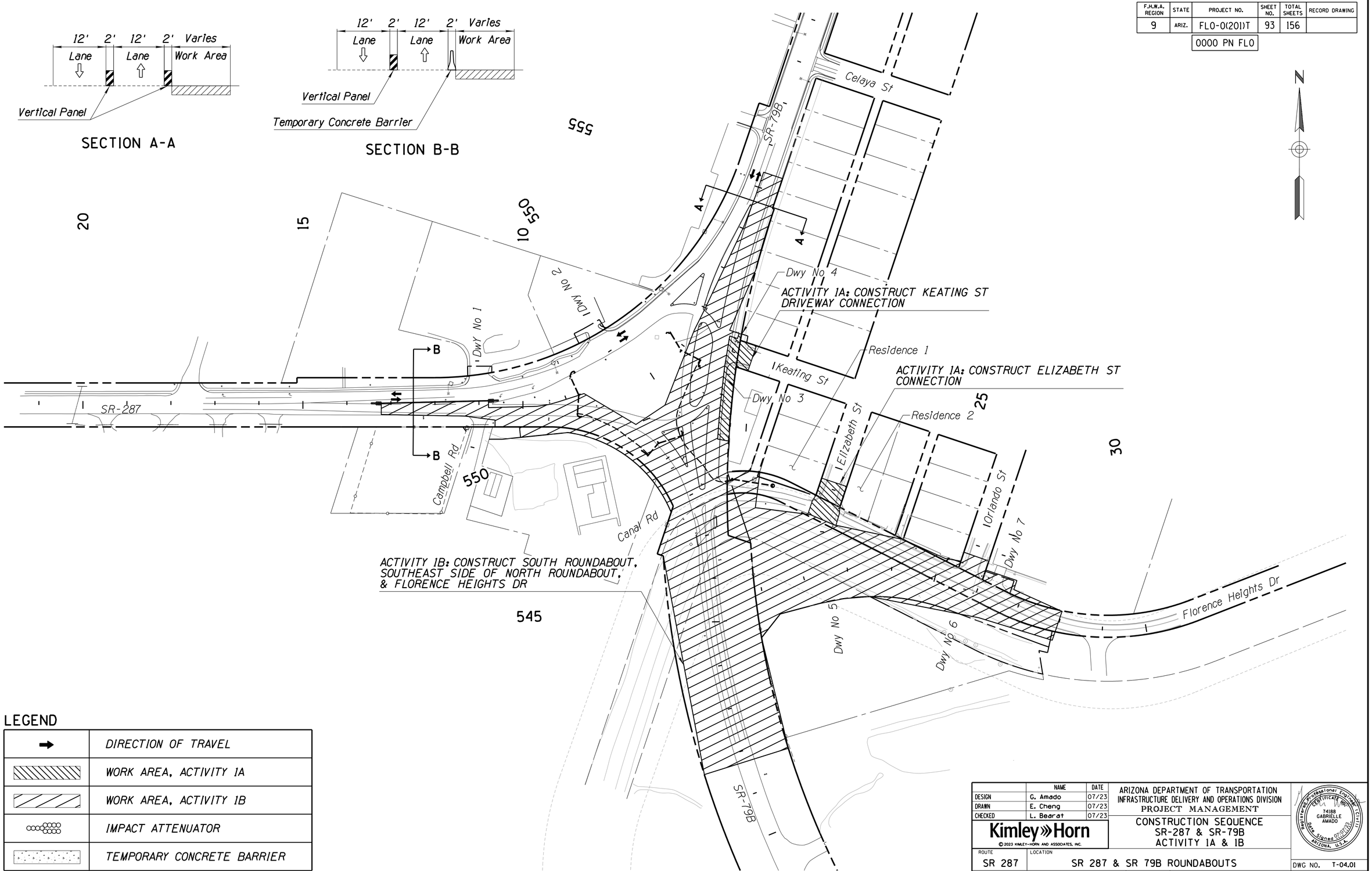
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-03.05
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	93	156	
		0000 PN FLO			

SECTION A-A

SECTION B-B



LEGEND

➡	DIRECTION OF TRAVEL
	WORK AREA, ACTIVITY 1A
	WORK AREA, ACTIVITY 1B
	IMPACT ATTENUATOR
	TEMPORARY CONCRETE BARRIER

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

CONSTRUCTION SEQUENCE
SR-287 & SR-79B
ACTIVITY 1A & 1B

Registered Professional Engineer
CERTIFICATE NO. 74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-04.01

TRACS NO.			SHEET
SZ041 01C		FLO-0(201)T	___ OF ___

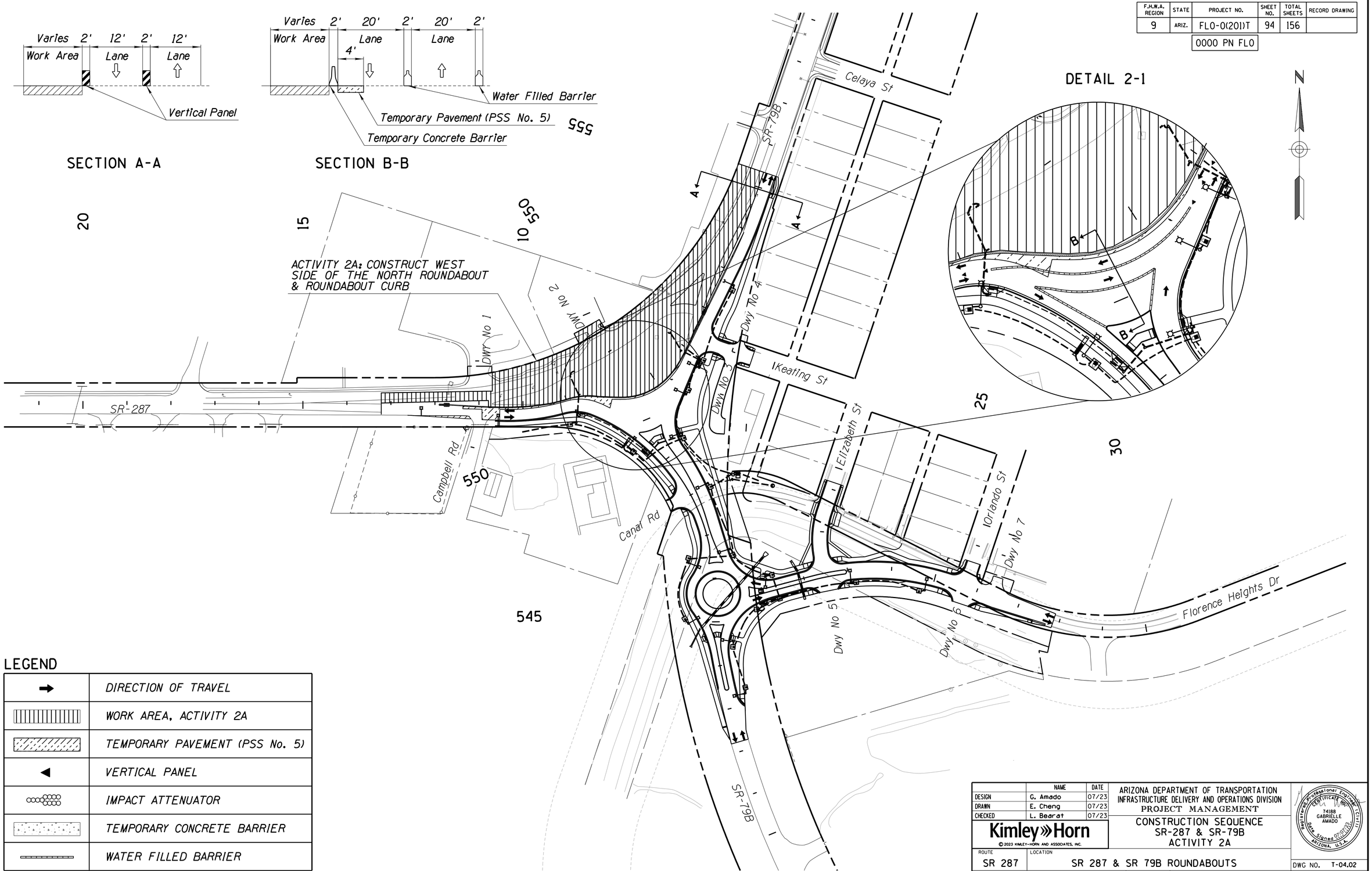
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	94	156	
		0000 PN FLO			

SECTION A-A

SECTION B-B

DETAIL 2-1



LEGEND

➡	DIRECTION OF TRAVEL
	WORK AREA, ACTIVITY 2A
	TEMPORARY PAVEMENT (PSS No. 5)
◀	VERTICAL PANEL
	IMPACT ATTENUATOR
	TEMPORARY CONCRETE BARRIER
	WATER FILLED BARRIER

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

CONSTRUCTION SEQUENCE
SR-287 & SR-79B
ACTIVITY 2A

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

Registered Professional Engineer
CERTIFICATE NO.
74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

DWG NO. T-04.02

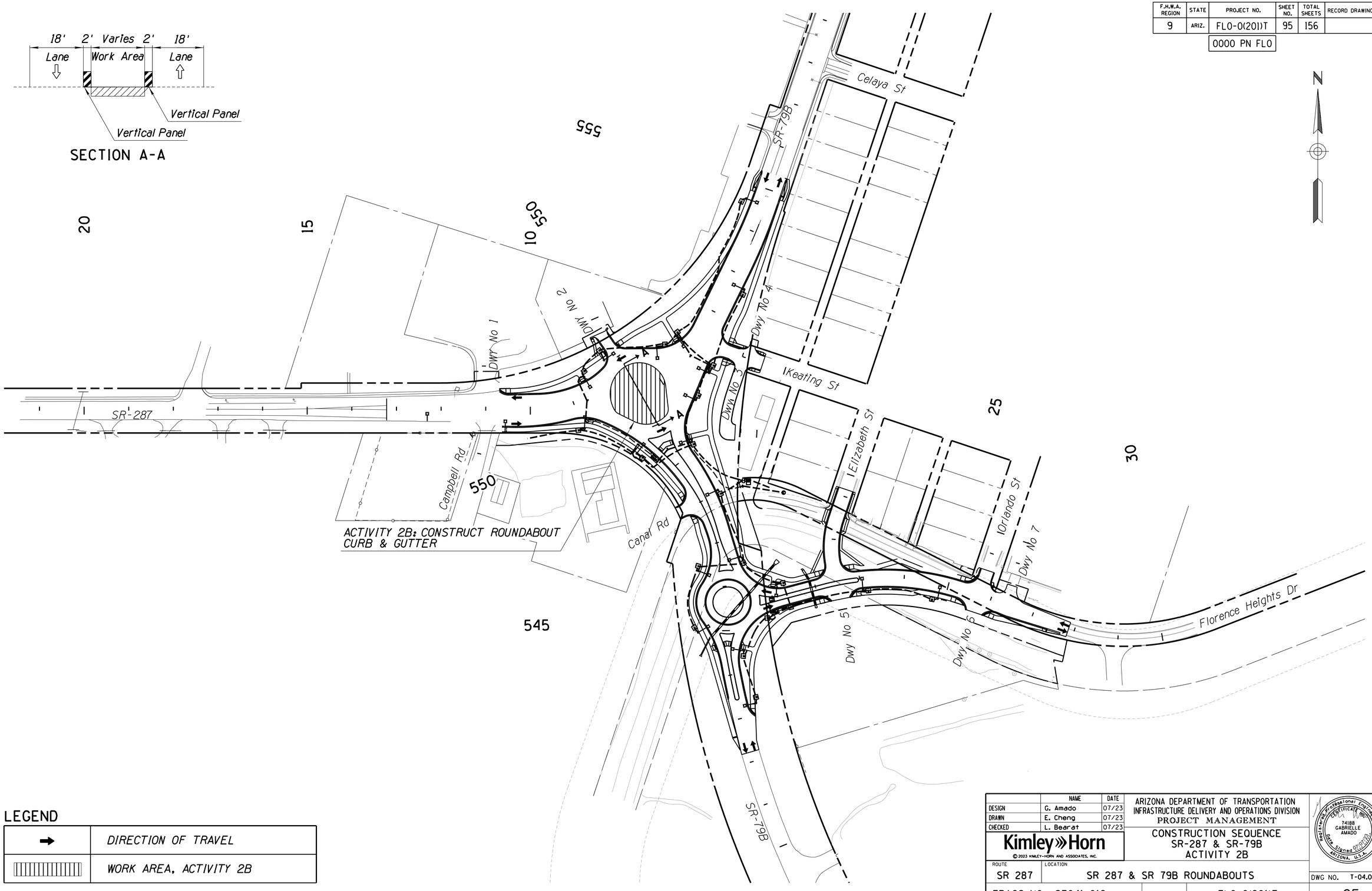
TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

8:02:45 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\TRAFFIC CONTROL\SZ041_CP06.DGN

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	95	156	
		0000 PN FLO			

SECTION A-A



LEGEND

➡	DIRECTION OF TRAVEL
▥	WORK AREA, ACTIVITY 2B

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

CONSTRUCTION SEQUENCE
SR-287 & SR-79B
ACTIVITY 2B

Registered Professional Engineer
CERTIFICATE NO.
74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. T-04.03

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

8:03:11 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\TRAFFIC CONTROL\SZ041_CP06B.DGN

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

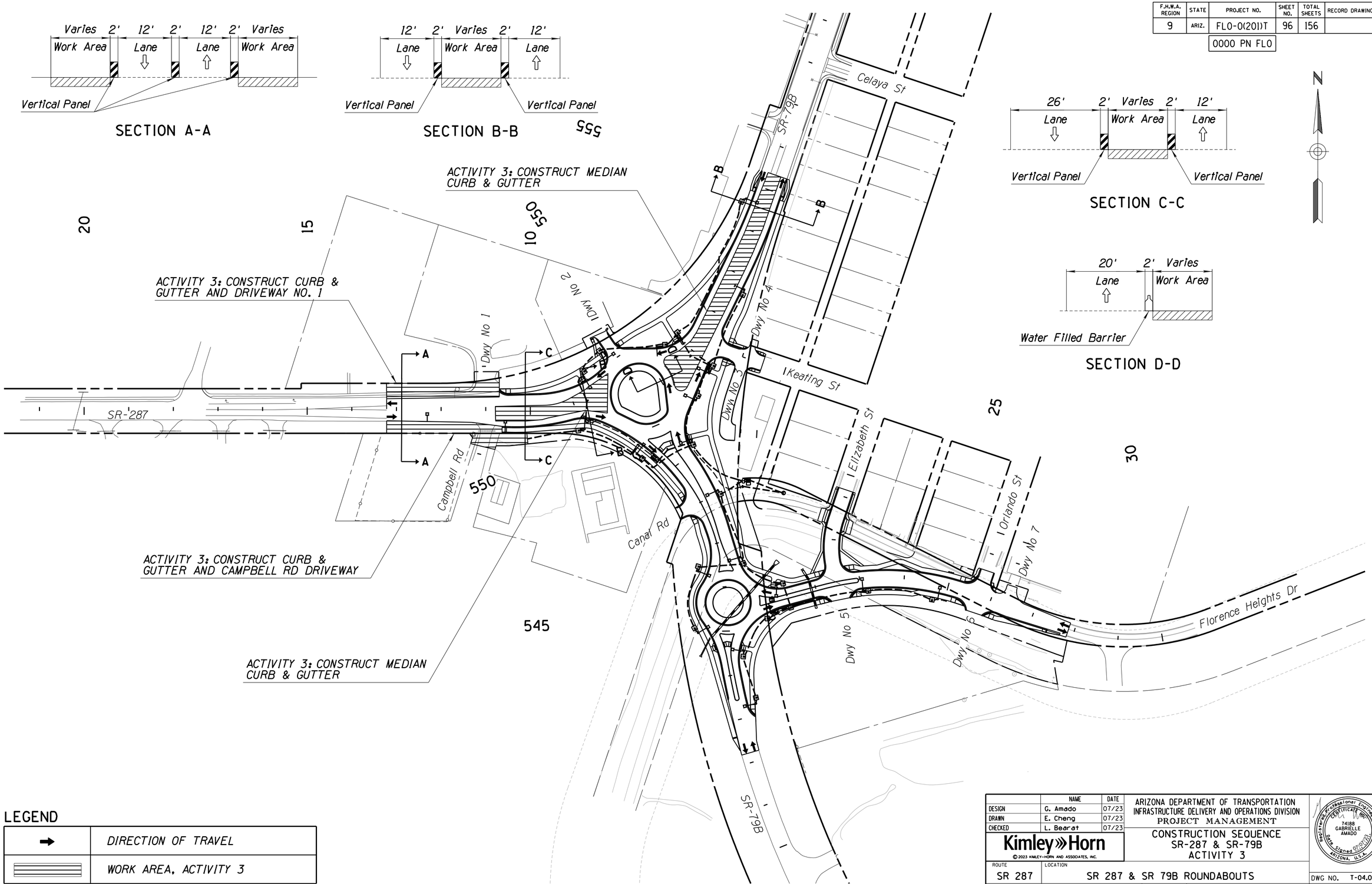
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	96	156	
		0000 PN FLO			

SECTION A-A

SECTION B-B

SECTION C-C

SECTION D-D



LEGEND

➡	DIRECTION OF TRAVEL
▭	WORK AREA, ACTIVITY 3

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

CONSTRUCTION SEQUENCE
SR-287 & SR-79B
ACTIVITY 3

Registered Professional Engineer — Certificate No. 74188 — GABRIELLE AMADO — Date Signed 07/07/23 — ARIZONA, U.S.A.

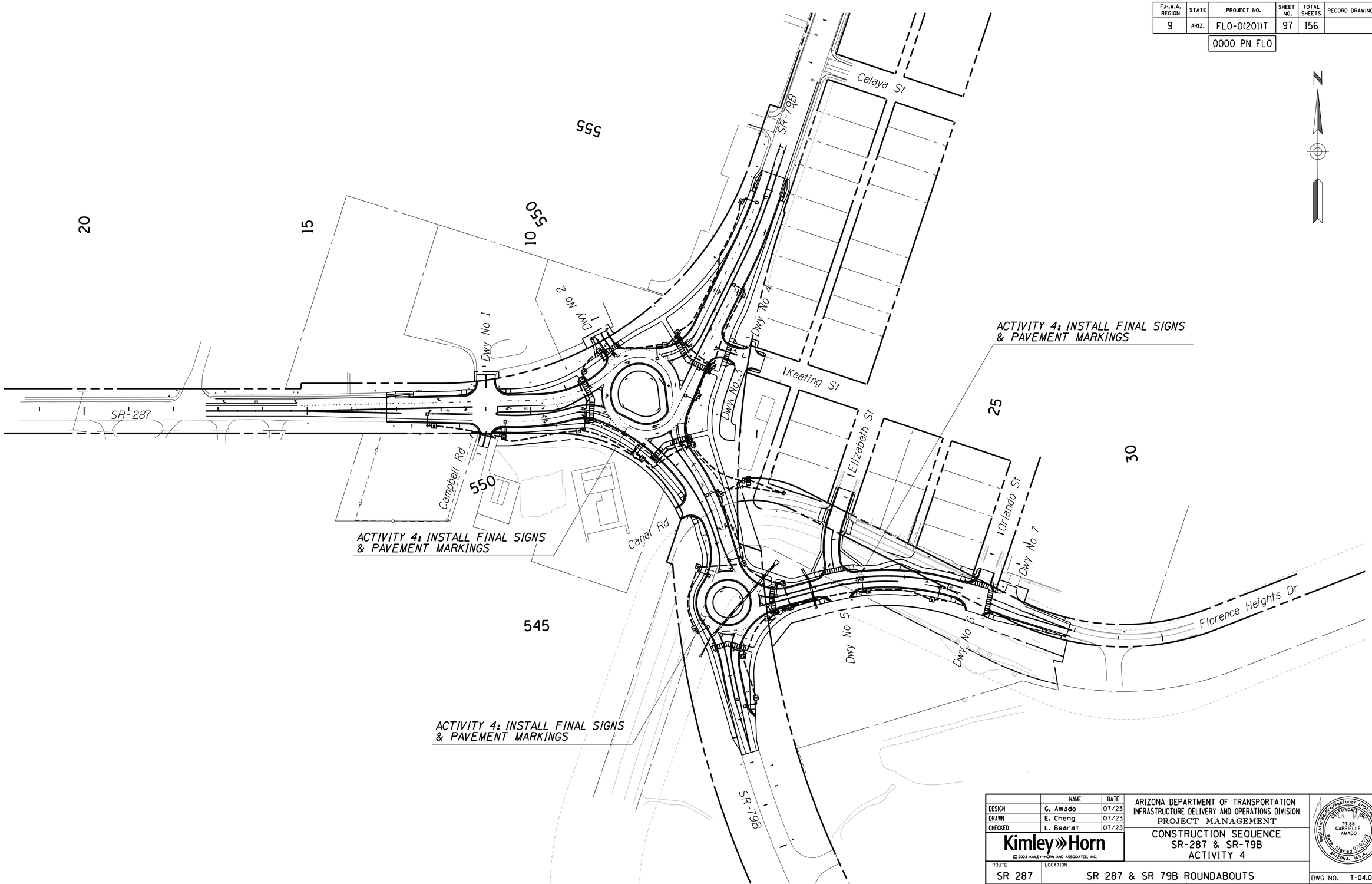
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-04.04
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	97	156	

0000 PN FLO

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

CONSTRUCTION SEQUENCE
SR-287 & SR-79B
ACTIVITY 4

Registered Professional Engineer — CERTIFICATE NO. 74188 — GABRIELLE AMADO — Date Signed 07/07/23 — ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-04.05

TRACS NO.		FLO-0(201)T	___ OF ___
SZ041 01C			

8:03:17 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\TRAFFIC CONTROL\SZ041_CP08.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	98	156	
		0000 PN FLO			

SIGNING NOTES:

1. All signs shall be in compliance with the 2009 edition of the Manual on Uniform Traffic Control Devices (MUTCD), the Arizona Supplement to the MUTCD, the ADOT Signing and Markings Standard Drawings, and the ADOT Traffic Engineering Manual of Approved Signs.
2. The sign locations and post lengths are approximate. The Contractor shall verify actual sign locations and actual post lengths with the Engineer prior to constructing the foundations for the sign supports and istalling signs. Unless otherwise noted, the bottom of each sign shall be at least 7 feet above the nearest edge of pavement and at least 7 feet above the ground under the sign.
3. Offsets for all signs shall be measured from the edge of the roadway to the nearest edge of sign.
4. All new signs shall be fabricated of flat sheet aluminum as indicated in Section 608.
5. The retroreflective sheeting on all new signs shall meet criteria established in to Section 1007 of the Standard Specifications and in Section 380 of ADOT's Traffic Policies, Guidelines and Procedures.
6. All new signs shall be installed on new posts with foundations as indicated in ADOT Standard Drawings and the sign summary sheets.
7. Shop drawings will be required.
8. The contractor shall remove existing signing where indicated in the sign summary.
9. The contractor shall inventory all signs to be removed or covered and note damaged signs to the Engineer at the time of covering or removal. All signs damaged by covering or removal shall be replaced by the contractor at the contractor's expense.
10. When Highway Logo signs are required to be removed, relocated, or covered; or if ramp traffic for businesses on the Logo sign is detoured, the contractor shall contact the Production Director at Grand Canyon State Logo Signs, at 602-712-2120, a minimum of three weeks in advance of such activity.
11. The contractor shall be responsible for securing all underground utility locations where foundations are installed. Special care needs to be taken to insure that all underground utilities are avoided. Utility locations are not shown on the signing plans.
12. Where signs are being removed or replaced, the foundations shall be removed entirely or the foundation shall be removed a minimum of two feet below finished grade, as directed by the Engineer.
13. Slip bases shall be installed in accordance with ADOT Standard Drawing S-1.
14. All work shall be performed within ADOT right of way.
15. Existing signs not indicated to be removed or relocated in the sign summary 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 at no additional cost to the department.
16. The contractor shall replace any signs, object markers, and delineators damaged as a result of the construction activities at no additional cost to the department.

SIGNING QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES
2020115	REMOVE (SIGN ASSEMBLY)	EACH	73
6070002	BREAKAWAY SIGN POST S4X7.7	L.FT.	145
6070004	BREAKAWAY SIGN POST W6X12	L.FT.	32
6070022	FOUNDATION FOR BREAKAWAY SIGN POST S4X7.7	EACH	10
6070024	FOUNDATION FOR BREAKAWAY SIGN POST W6X12	EACH	2
6070038	SLIP BASE	EACH	63
6070055	SIGN POST (PERFORATED)(2 1/2 S)	L.FT.	542
6070057	SIGN POST (PERFORATED)(2 1/2 T)	L.FT.	430
6070060	FOUNDATION FOR SIGN POST (CONCRETE)	EACH	88
6080005	REGULATORY, WARNING, OR MARKER SIGN PANEL	SQ.FT.	656
6080018	EXTRUDED ALUMINUM SIGN PANEL	SQ.FT.	234
6080025	FLAT SHEET ALUMINUM SIGN PANEL	SQ.FT.	95
7310011	POLE (TYPE A)(15 FT)	EACH	5
7310070	POLE (TYPE G)(STANDARD BASE)	EACH	*
7310200	POLE FOUNDATION (TYPE A)	EACH	5
7310260	POLE FOUNDATION (TYPE G)(STANDARD BASE)	EACH	*
7320050	ELECTRICAL CONDUIT (2")(PVC)	L.FT.	550
7320060	ELECTRICAL CONDUIT (2 1/2")(PVC)	L.FT.	90
7320291	ELECTRICAL CONDUIT (2 - 2")(PVC)	L.FT.	410
7320420	PULL BOX (NO. 7)	EACH	9
7340120	METER PEDESTAL CABINET	EACH	1
7340306	METER PEDESTAL FOUNDATION	EACH	1
9240171	MISCELLANEOUS WORK (RECTANGULAR RAPID FLASHING BEACON)	EACH	12

* Quantified on lighting plans.

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGNING GENERAL NOTES & QUANTITIES

Registered Professional Engineer — Certificate No. 74188 — GABRIELLE AMADO — Date Signed 07/07/23 — Arizona, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-05.01
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

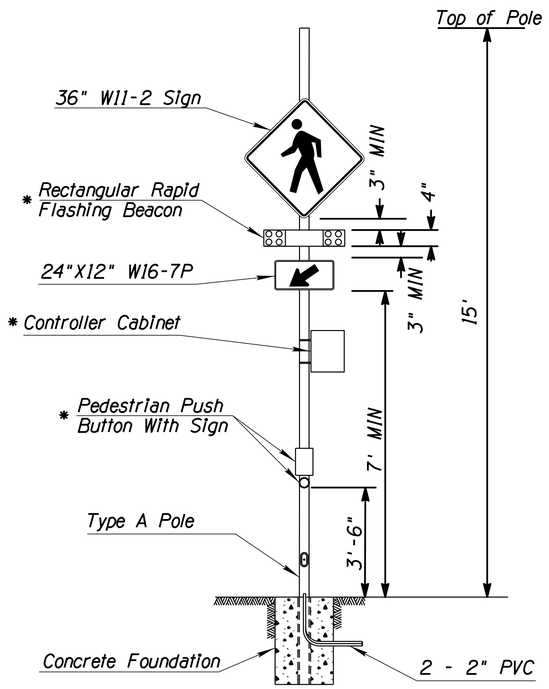
8:03:19 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\SIGNING AND MARKING\SZ041_N01.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	99	156	
		0000 PN FLO			

CONSTRUCTION NOTES:

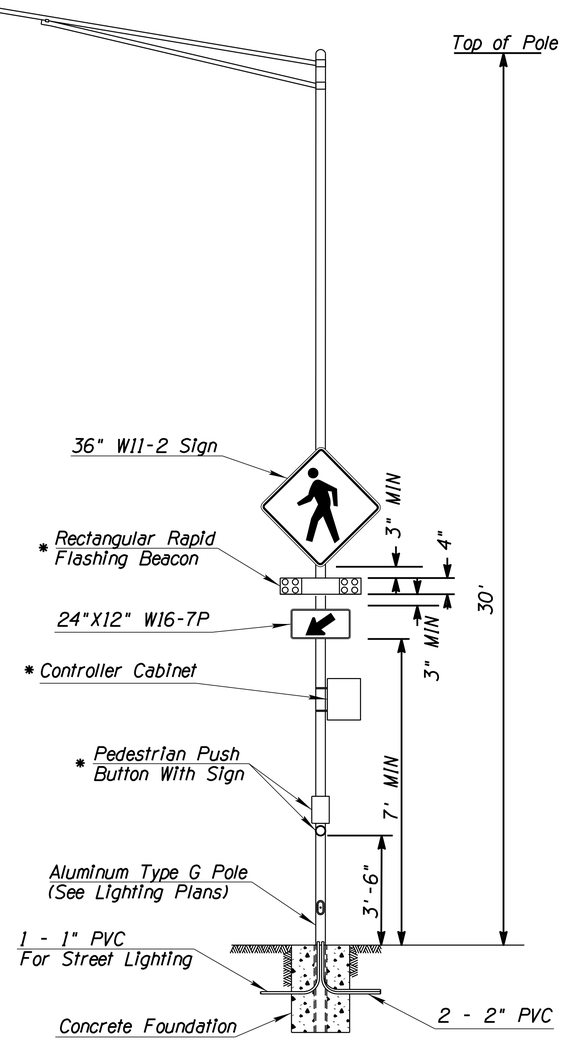
(1A) *Install RRFB on Type A Pole per Detail S1.*

(1B) *Install RRFB on Aluminum Type G Pole per Detail S2.*



DETAIL S1: RECTANGULAR RAPID FLASHING BEACON (RRFB) TYPE A POLE DETAIL
(N.T.S.)

* *Install only at locations shown on plans.*



DETAIL S2: RECTANGULAR RAPID FLASHING BEACON (RRFB) ALUMINUM TYPE G POLE DETAIL
(N.T.S.)

* *Install only at locations shown on plans.*

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGNING DETAILS

ROUTE: SR 287 | LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

Registered Professional Engineer | CERTIFICATE NO. 74188 | GABRIELLE AMADO | Date Signed 07/07/2023 | ARIZONA, U.S.A.

DWG NO. T-05.02

____ OF ____

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

8:03:21 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\SIGNING AND MARKING\SZ041_N02.DGN

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 Type	Posts Total length (ft)	New Slipbases	Type	Total Length (ft)	Structure Type	#of Lights	
				Replace Panel	Relocate Panel	Relocate Str	Remove	To Remain																		
T-07.01	E141.49	W2-6	X						12	7	YL	ROUNDABOUT	36	36	9.0	RWM	6080005	1	2 1/2T	14	1					
	+	W13-1P (25)	X								YL	ADVISORY SPEED 25	18	18	2.3	RWM	6080005									
T-07.01	E141.45	OM1-2	X						12	4	YL	Type 1 Object Marker	18	18	2.3	RWM	6080005	1	2 1/2S	8						
T-07.01	E141.44	D1-1	X						2	7	GR	Campbell Rd Arrow	84	18	10.5	F-DA	6080025	2	2 1/2S	22	2					
T-07.01	E141.43	D1-1					X					Campbell Rd Arrow					2020115									
T-07.01	E141.42	SPECIAL	X						2	7	BL	Arizona Tourist Info	72	42	21.0	RWM	6080005	2	2 1/2T	24	2					
T-07.01	E141.41	D3-1	X						2	7	GR	Campbell Rd	42	9	2.6	F-DA	6080025	1	2 1/2T	14	1					
	+	D3-1	X								GR	HWY 287	36	9	2.3	F-DA	6080025									
	+	R1-1	X								RD	STOP	36	36	9.0	RWM	6080005									
T-07.01	E141.40A	D1-5	X						13	7	GR	Destination Sign for Roundabouts	72	72	36.0	Ext	6080018	2	S 4x7.7	31						
T-07.01	E141.40B	R1-1					X					STOP					2020115									
T-07.01	E141.40C	R4-7	X							7	WH	Keep Right Symbol	24	30	5.0	RWM	6080005	1	2 1/2T	13	1					MOUNT IN MEDIAN
	+	OM1-2	X								YL	Type 1 Object Marker	18	18	2.3	RWM	6080005									
	-	R3-5Bp	X								WH	LEFT LANE	30	12	2.5	RWM	6080005									BACK TO BACK
	-	R3-5L	X								WH	Left Turn Arrow ONLY	30	36	7.5	RWM	6080005									BACK TO BACK
T-07.01	E141.40D	R4-7					X					Keep Right Symbol					2020115									
	+	OM1-2										Type 1 Object Marker														
	-	R3-5Bp										LEFT LANE														
	-	R3-5L										Left Turn Arrow ONLY														
T-07.03	E141.37A	W11-2	X								YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005									MOUNT RRFB BELOW W11-2 ON 15' A POLE PER
	+	W16-7P	X								YL	Diagonal Arrow Plaque (Right)	24	12	2.0	RWM	6080005									DETAIL S1 ON T-05.02; MOUNT IN MEDIAN
T-07.03	E141.37B	W11-2	X								YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005									MOUNT RRFB BELOW W11-2 ON 15' A POLE PER
	+	W16-7P	X								YL	Diagonal Arrow Plaque (Left)	24	12	2.0	RWM	6080005									DETAIL S1 ON T-05.02
T-07.03	E141.36A	R1-2	X						3	7	WH	YIELD	36	36	4.5	RWM	6080005	1	2 1/2T	12	1					MOUNT IN MEDIAN
T-07.03	E141.36B	R1-2	X						2	7	WH	YIELD	36	36	4.5	RWM	6080005	1	2 1/2T	12	1					

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	100	156	

0000 PN FLO

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)

Colors:
- BK - BLACK
- BL - BLUE
- BR - BROWN
- GR - GREEN
- RD - RED
- WH - WHITE
- YL - FLUORESCENT YELLOW

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

Post Types: S: Single perforated; T: Telescoping perforated

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGN SUMMARY
SHEET 1 OF 11

Registered Professional Engineer — CERTIFICATE NO. 74188 GABRIELLE AMADO — Date Signed 07/07/23 — ARIZONA, U.S.A.

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS
DWG NO. T-06.01

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	101	156	

0000 PN FLO

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)	Ground Mounted: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: #of Lights	Remarks
T-07.03	E141.35	R6-4a	X						2	7	WH	ROUNDABOUT DIRECTIONAL (3)	48	24	8.0	RWM	6080005	2	2 1/2S	23	2					
T-07.03	S132.75A	D1-1e	X						3	3	GR	Circular Int. Departure (w/Arrow)	48	18	6.0	F-DA	6080025	2	2 1/2S	14	2					MOUNT IN MEDIAN
T-07.03	S132.73B	W11-2	X								YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005									MOUNT RRFB BELOW W11-2 ON 15' A POLE PER
	+	W16-7P	X								YL	Diagonal Arrow Plaque (Left)	24	12	2.0	RWM	6080005									DETAIL S1 ON T-05.02
T-07.03	S132.73A	W11-2	X								YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005									MOUNT RRFB BELOW W11-2 ON 15' A POLE PER
	+	W16-7P	X								YL	Diagonal Arrow Plaque (Right)	24	12	2.0	RWM	6080005									DETAIL S1 ON T-05.02; MOUNT IN MEDIAN
T-07.04	S132.70B	D3-1	X						2	7	GR	Canal Rd	30	9	1.9	F-DA	6080025	1	2 1/2T	13	1					
	+	R1-1	X								RD	STOP	36	36	9.0	RWM	6080005									
T-07.04	S132.70A	D3-1					X					Canal Rd					2020115									
	+	R1-1										STOP														
T-07.04	S132.69B	D1-5	X						2	7	GR	Destination Sign for Roundabouts	84	72	42.0	Ext	6080018	2	S 4x7.7	28						
T-07.04	S132.69A	OM3					X					Type 3 Object Marker					2020115									
T-07.04	S132.68	OM3					X					Type 3 Object Marker					2020115									
T-07.04	S132.67A	R1-2	X						3	7	WH	YIELD	36	36	4.5	RWM	6080005	1	2 1/2T	12	1					MOUNT IN MEDIAN
T-07.04	S132.67B	R1-2	X						2	7	WH	YIELD	36	36	4.5	RWM	6080005	1	2 1/2T	12	1					
T-07.04	S132.66A	M4-3					X					BUSINESS					2020115									
	+	M1-5a (79)										ARIZONA 79														
	+	M6-3										Straight Ahead Directional Arrow														
T-07.04	S132.66B	R6-4	X						2	7	WH	ROUNDABOUT DIRECTIONAL (2)	30	24	5.0	RWM	6080005	1	2 1/2S	11						
T-07.04	S132.65	D1-1e	X						3	3	GR	Circular Int. Departure (w/Arrow)	48	18	6.0	F-DA	6080025	2	2 1/2S	14	2					MOUNT IN MEDIAN
T-07.04	S132.64A	W11-2	X						2	7	YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005	1	2 1/2T	14	1					
	+	W16-7P	X								YL	Diagonal Arrow Plaque (Left)	24	12	2.0	RWM	6080005									
T-07.04	S132.64B	R2-1 (45)					X					SPEED LIMIT 45					2020115									

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)

Colors:

- BK - BLACK
- BL - BLUE
- BR - BROWN
- GR - GREEN
- RD - RED
- WH - WHITE
- YL - FLUORESCENT YELLOW

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

Post Types: S: Single perforated; T: Telescoping perforated

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

Kimley»Horn
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SIGN SUMMARY
SHEET 2 OF 11

Registered Professional Engineer — Certificate No. 74188 — GABRIELLE AMADO — Date Signed 07/07/23 — ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-06.02

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

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			Structure Type	#of Lights	
				Replace Panel	Relocate Panel	Relocate Str	Remove	To Remain											Type	Total length (ft)		Type	Total Length (ft)			
T-07.04	S132.59	R2-1 (45)	X						12	7	WH	SPEED LIMIT 45	24	30	5.0	RWM	6080005	1	2 1/2S	12						
T-07.04	N132.55	W2-6	X						12	7	YL	ROUNDABOUT	36	36	9.0	RWM	6080005	1	2 1/2T	14	1					
	+	W13-1P (25)	X								YL	ADVISORY SPEED 25	18	18	2.3	RWM	6080005									
T-07.04	N132.58	Services						X				LOGO SIGN					2020060									RELOCATED BY OTHERS
T-07.04	N132.59	D1-5	X						15	7	GR	Destination Sign for Roundabouts	96	72	48.0	Ext	6080018	2	W 6x12	32						
T-07.04	N132.61	D11-1	X								GR	(Bike Symbol) BIKE ROUTE	24	18	3.0	F-DA	6080025									MOUNT ON STREET LIGHT POLE
	+	M6-2R	X								GR	Diagonal Arrow (Right)	24	18	3.0	RWM	6080005									
T-07.04	N132.62A	R4-7	X							7	WH	Keep Right Symbol	24	30	5.0	RWM	6080005	1	2 1/2S	12						MOUNT IN MEDIAN
	+	OM1-2	X								YL	Type 1 Object Marker	18	18	2.3	RWM	6080005									
T-07.04	N132.62B	SPECIAL	X						2	7	BR	Casa Grande Natl Monument	84	36	21.0	RWM	6080005	2	2 1/2T	22	2					
T-07.04	N132.64A	W11-2	X							7	YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005									MOUNT ON STREET LIGHT POLE
	+	W16-7P	X								YL	Diagonal Arrow Plaque (Left)	24	12	2.0	RWM	6080005									
T-07.04	N132.64B	R1-2	X						2	7	WH	YIELD	36	36	4.5	RWM	6080005	1	2 1/2T	12	1					
T-07.04	N132.65A	R1-2	X						3	7	WH	YIELD	36	36	4.5	RWM	6080005	1	2 1/2T	12	1					MOUNT IN MEDIAN
T-07.04	N132.65B	R2-1 (35)					X					SPEED LIMIT 35					2020115									
T-07.04	F 20+75E	D1-1e	X						3	3	GR	Circular Int. Departure (w/Arrow)	48	18	6.0	F-DA	6080025	2	2 1/2S	14	2					MOUNT IN MEDIAN
T-07.04	F 20+95E	W11-2	X							7	YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005									MOUNT ON STREET LIGHT POLE
	+	W16-7P	X								YL	Diagonal Arrow Plaque (Left)	24	12	2.0	RWM	6080005									
T-07.05	F 22+58E	OM1-2	X						2	5	YL	Type 1 Object Marker	18	18	2.3	RWM	6080005	3	2 1/2S	24	3					MOUNT IN MEDIAN
	+	R6-1R	X								BK	ONE WAY (Right)	36	12	3.0	RWM	6080005									
	+	OM1-2	X								YL	Type 1 Object Marker	18	18	2.3	RWM	6080005									
T-07.05	F 22+77E	R1-1	X						2	7	RD	STOP	36	36	9.0	RWM	6080005	1	2 1/2S	12						

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	102	156	

0000 PN FLO

DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

Notes:
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- F-Dem: Flat-sheet aluminum with demountable characters
- Ext: Aluminum extrusions
- Incr: Aluminum sheet increment
- Over: Overhead (New overlaid extrusions)

Colors:
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- BL - BLUE
- BR - BROWN
- GR - GREEN
- RD - RED
- WH - WHITE
- YL - FLUORESCENT YELLOW

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

Post Types: S: Single perforated; T: Telescoping perforated

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGN SUMMARY
SHEET 3 OF 11

Registered Professional Engineer — CERTIFICATE NO. 74188 GABRIELLE AMADO — Date Signed 07/07/23 — ARIZONA, U.S.A.

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS
DWG NO. T-06.03

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	103	156	

0000 PN FLO

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)	Ground Mounted: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: #of Lights	Remarks
T-07.05	F 22+93E	R3-4	X							7	WH	No U-Turn Symbol	24	24	4.0	RWM	6080005	1	2 1/2S	11						MOUNT IN MEDIAN
T-07.05	F 25+94E	W11-2					X					Pedestrian Crossing Symbol					2020115										
T-07.05	F 25+97E	R1-1	X						2	7	RD	STOP	36	36	9.0	RWM	6080005	1	2 1/2S	12						
T-07.05	F 26+15E	W11-2	X						2	7	YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005	1	2 1/2T	14	1					
	+	W16-7P	X								YL	Diagonal Arrow Plaque (Left)	24	12	2.0	RWM	6080005									
T-07.05	F 27+78E	R2-1 (25)	X						12	7	WH	SPEED LIMIT 25	24	30	5.0	RWM	6080005	1	2 1/2S	12						
T-07.05	F 29+13W	R2-1 (25)	X						12	7	WH	SPEED LIMIT 25	24	30	5.0	RWM	6080005	1	2 1/2S	12						
T-07.05	F 27+71W	W2-6	X						12	7	YL	ROUNDABOUT	36	36	9.0	RWM	6080005	1	2 1/2S	12						
T-07.05	F 26+15W	R1-1					X					STOP					2020115									
T-07.05	F 26+16W	R1-1	X						2	7	RD	STOP	36	36	9.0	RWM	6080005	1	2 1/2S	12						
T-07.05	F 26+06W	W11-2	X						2	7	YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005	1	2 1/2T	14	1					
	+	W16-7P	X								YL	Diagonal Arrow Plaque (Left)	24	12	2.0	RWM	6080005									
T-07.05	F 25+98W	W11-2					X					Pedestrian Crossing Symbol					2020115									
T-07.05	F 25+73W	W1-7					X					Double-headed Arrow					2020115									
T-07.05	F 25+48W	D3-1					X					Orlando St					2020115									
	+	D3-1										Florence Hts Dr														
	+	R1-1										STOP														
T-07.05	F 25+46W	D3-1	X						10	7	GR	Orlando St	42	9	2.6	F-DA	6080025	1	2 1/2T	14	1					
	+	D3-1	X								GR	Florence Hts Dr	42	9	2.6	F-DA	6080025									
	+	R1-1	X								RD	STOP	36	36	9.0	RWM	6080005									
T-07.05	F 25+22W	D11-1	X						2	7	GR	(Bike Symbol) BIKE ROUTE	24	18	3.0	F-DA	6080025	1	2 1/2S	12						
	+	M6-2R	X								GR	Diagonal Arrow (Right)	24	18	3.0	RWM	6080005									
T-07.05	F 24+47W	W3-1					X					Stop Ahead Symbol					2020115									

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Incr: Aluminum sheet increment
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Post Types: S: Single perforated; T: Telescoping perforated

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DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGN SUMMARY
SHEET 4 OF 11

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

Registered Professional Engineer — CERTIFICATE NO. 74188 GABRIELLE AMADO — Date Signed 07/07/23 — ARIZONA, U.S.A.

DWG NO. T-06.04

___ OF ___

DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	104	156	
		0000 PN FLO			

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)	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: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: #of Lights	Remarks
T-07.05	F 23+90W	D1-5	X						2	7	GR	Destination Sign for Roundabouts	108	54	40.5	Ext	6080018	2	S 4x7.7	32						
T-07.05	F 22+93W	R4-7	X							7	WH	Keep Right Symbol	24	30	5.0	RWM	6080005	1	2 1/2S	12						MOUNT IN MEDIAN
	+	OM1-2	X								YL	Type 1 Object Marker	18	18	2.3	RWM	6080005									
T-07.05	F 22+97W	W11-2					X					Pedestrian Crossing Symbol					2020115									
	+	W16-7P										Diagonal Arrow Plaque (Left)														
T-07.05	F 22+81E	W11-2					X					Pedestrian Crossing Symbol					2020115									
	+	W16-7P										Diagonal Arrow Plaque (Left)														
T-07.05	F 22+67W	D3-1					X					Elizabeth St					2020115									
	+	D3-1										Florence Hts Dr														
	+	R1-1										STOP														
T-07.05	F 22+41W	OM1-2	X						2	5	YL	Type 1 Object Marker	18	18	2.3	RWM	6080005	3	2 1/2S	24	3					MOUNT IN MEDIAN
	+	R6-1R	X								BK	ONE WAY (Right)	36	12	3.0	RWM	6080005									
	+	OM1-2	X								YL	Type 1 Object Marker	18	18	2.3	RWM	6080005									
T-07.05	F 22+27W	D3-1	X						2	7	GR	Elizabeth St	42	9	2.6	F-DA	6080025	1	2 1/2T	17	1					
	+	D3-1	X								GR	Florence Hts Dr	42	9	2.6	F-DA	6080025									
	+	R1-1	X								RD	STOP	36	36	9.0	RWM	6080005									
	+	R3-5R	X								WH	Right Turn Arrow ONLY	30	36	7.5	RWM	6080005									
T-07.05	F 21+60E	R2-1 (25)					X					SPEED LIMIT 25					2020115									
T-07.04	F 21+17W	W11-2	X							7	YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005									MOUNT ON STREET LIGHT POLE
	+	W16-7P	X								YL	Diagonal Arrow Plaque (Left)	24	12	2.0	RWM	6080005									
T-07.04	F 20+74W	R1-2	X						3	7	WH	YIELD	36	36	4.5	RWM	6080005	1	2 1/2T	12	1					MOUNT IN MEDIAN
T-07.04	F 20+81W	R1-2	X						2	7	WH	YIELD	36	36	4.5	RWM	6080005	1	2 1/2T	12	1					
T-07.04	N132.65C	R6-4	X						2	7	WH	ROUNDABOUT DIRECTIONAL (2)	30	24	5.0	RWM	6080005	1	2 1/2S	11						
T-07.04	N132.66	R6-4	X						2	7	WH	ROUNDABOUT DIRECTIONAL (2)	30	24	5.0	RWM	6080005	1	2 1/2S	11						

Notes:

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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)

Colors:

BK - BLACK
BL - BLUE
BR - BROWN
GR - GREEN
RD - RED
WH - WHITE
YL - FLUORESCENT YELLOW

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

Post Types: S: Single perforated; T: Telescoping perforated

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

Kimley»Horn
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SIGN SUMMARY
SHEET 5 OF 11

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

DWG NO. T-06.05

TRACS NO. SZ041 01C | FLO-0(201)T | ____ OF ____

Registered Professional Engineer
CERTIFICATE NO. 74188
GABRIELLE AMADO
ARIZONA, U.S.A.
Date Signed 07/07/23

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

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			Structure Type	#of Lights	
				Replace Panel	Relocate Panel	Relocate Str	Remove	To Remain											Type	Total length (ft)		Type	Total Length (ft)			
T-07.04	N132.67A	D1-1e	X						3	3	GR	Circular Int. Departure (w/Arrow)	48	36	12.0	F-DA	6080025	2	2 1/2T	16	2					MOUNT IN MEDIAN
T-07.04	N132.67B	D7-106					X					HISTORICAL MARKER (ARROW)					2020115									
	+	D9-10										Tourist Information														
T-07.04	N132.69A	OM3					X					Type 3 Object Marker					2020115									
T-07.04	N132.69B	D1-5	X						2	7	GR	Destination Sign for Roundabouts	108	42	31.5	Ext	6080018	2	S 4x7.7	24						
T-07.04	N132.69C	OM3					X					Type 3 Object Marker					2020115									
T-07.04	N132.70C	D3-1					X					Florence Heights Dr					2020115									
T-07.04	N132.70B	R1-1					X					STOP					2020115									
	+	W4-4P										CROSS TRAFFIC DOES NOT STOP														
T-07.04	N132.70A	SPECIAL	X						2	7	BL	Arizona Tourist Info	72	42	21.0	RWM	6080005	2	2 1/2T	24	2					
T-07.04	N132.71	R4-7					X					Keep Right Symbol					2020115									
		OM1-2										Type 1 Object Marker														
T-07.04	N132.72A	R5-1					X					DO NOT ENTER					2020115									
T-07.02	N132.72B	SPECIAL					X					Black Shield Sign					2020115									
T-07.02	N132.73A	R1-1					X					STOP					2020115									
	+	R5-1										DO NOT ENTER														
T-07.02	N132.73B	R6-1R					X					ONE WAY (Right)					2020115									
T-07.02	N132.74A	R1-1					X					STOP					2020115									
T-07.02	N132.75A	R1-2					X					YIELD					2020115									
	-	R6-1R										ONE WAY (Right)														
T-07.02	N132.75B	R1-2					X					YIELD					2020115									
T-07.02	N132.74B	R6-1L					X					ONE WAY (Left)					2020115									

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	105	156	
		0000 PN FLO			

DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

Notes:
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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
- Incr: Aluminum sheet increment
- Over: Overhead (New overlaid extrusions)

Colors:
- BK - BLACK
- BL - BLUE
- BR - BROWN
- GR - GREEN
- RD - RED
- WH - WHITE
- YL - FLUORESCENT YELLOW

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

Post Types: S: Single perforated; T: Telescoping perforated

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGN SUMMARY
SHEET 6 OF 11

Registered Professional Engineer — CERTIFICATE NO. 74188 GABRIELLE AMADO — Date Signed 07/07/23 — ARIZONA, U.S.A.

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS
DWG NO. T-06.06
TRACS NO. SZ041 01C
FLO-0(201)T
___ OF ___

8:03:30 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\SIGNING AND MARKING\SZ041_SS06.DGN

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)	Ground Mounted: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: #of Lights	Remarks
T-07.02	N132.74C	R6-1L					X					ONE WAY (Left)					2020115									
T-07.02	N132.74D	R6-1L					X					ONE WAY (Left)					2020115									
T-07.02	N132.76A	D7-102					X					Rec. and Cultural Destination (Arrow)					2020115									
	+	R3-4										No U-Turn Symbol														
T-07.02	N132.76B	R3-5Bp					X					LEFT LANE					2020115									
		R3-5L										Left Turn Arrow ONLY														
T-07.02	N132.77A	R1-1					X					STOP					2020115									
T-07.02	N132.77B	D3-1					X					Keating St					2020115									
		D3-1										Main St														
T-07.02	N132.78A	M3-4					X					WEST					2020115									
	+	M1-5b(287)										ARIZONA 287														
	+	M6-1L										Left Directional Arrow														
T-07.02	N132.78B	M4-3					X					BUSINESS					2020115									
	+	M1-5a(79)										ARIZONA 79														
	+	M1-4H										U.S. Historical Route Marker														
	+	M6-3										Straight Ahead Directional Arrow														
T-07.02	N132.78C	D1-1					X					Coolidge Arrow					2020115									
T-07.02	S132.84A	M4-3					X					BUSINESS					2020115									
	+	M1-5a(79)										ARIZONA 79														
	+	M6-2L										Diagonal Arrow (Left)														
T-07.02	S132.84B	M3-4					X					WEST					2020115									
	+	M1-5B(287)										ARIZONA 287														
	+	M6-2R										Diagonal Arrow (Right)														
T-07.02	S132.83A	R4-7					X					Keep Right Symbol					2020115									
	+	OM1-2										Type 1 Object Marker														

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	106	156	

0000 PN FLO

Notes:

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Incr: Aluminum sheet increment
Over: Overhead (New overlaid extrusions)

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BL - BLUE
BR - BROWN
GR - GREEN
RD - RED
WH - WHITE
YL - FLUORESCENT YELLOW

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

Post Types: S: Single perforated; T: Telescoping perforated

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGN SUMMARY
SHEET 7 OF 11

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

DWG NO. T-06.07

____ OF ____

Registered Professional Engineer — CERTIFICATE NO. 74188 — GABRIELLE AMADO — ARIZONA, U.S.A. — Date Signed 07/07/23

DATE | LOCATION | REVISIONS | FINISHED PLANS | SURVEY NO.

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)	Ground Mounted: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: #of Lights	Remarks
T-07.02	S132.79A	D1-2a					X					Destination (Two) Distance with Arrow					2020115									
T-07.02	S132.78A	R6-1R					X					ONE WAY (Right)					2020115									
T-07.02	S132.78B	R1-1					X					STOP					2020115									
T-07.02	S132.78C	R6-1L					X					ONE WAY (Left)					2020115									
T-07.02	S132.77A	R1-1					X					STOP					2020115									
	-	R5-1										DO NOT ENTER														
T-07.02	S132.78D	R1-2					X					YIELD					2020115									
T-07.02	S132.77B	R6-1R					X					ONE WAY (Right)					2020115									
T-07.02	S132.77C	R3-5fP					X					RIGHT LANE					2020115									
	+	R3-5R										Right Turn Arrow ONLY														
T-07.02	S141.35	R6-1R					X					ONE WAY (Right)					2020115									
	+	R8-3										NO PARKING														
T-07.02	S141.36	R1-1					X					STOP					2020115									
T-07.02	S141.37A	R8-3					X					NO PARKING					2020115									
T-07.02	S141.37B	R8-3					X					NO PARKING					2020115									
T-07.02	S141.37C	D1-1					X					Campbell Arrow					2020115									
T-07.02	S141.38A	M3-1					X					NORTH					2020115									
	+	M4-3										BUSINESS														
	+	M1-5a(79)										ARIZONA 79														
	+	M6-1L										Left Directional Arrow														
T-07.02	S141.38B	M3-1					X					NORTH					2020115									
	+	M4-3										BUSINESS														
	+	M1-5a(79)										ARIZONA 79														
	+	M6-1R										Right Directional Arrow														

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	107	156	

0000 PN FLO

Notes:
1. The Engineer shall verify post lengths and elevations.
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F-Dem: Flat-sheet aluminum with demountable characters
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Incr: Aluminum sheet increment
Over: Overhead (New overlaid extrusions)

Colors:
BK - BLACK
BL - BLUE
BR - BROWN
GR - GREEN
RD - RED
WH - WHITE
YL - FLUORESCENT YELLOW

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

Post Types: S: Single perforated; T: Telescoping perforated

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGN SUMMARY
SHEET 8 OF 11

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

DWG NO. T-06.08

____ OF ____

Registered Professional Engineer
CERTIFICATE NO.
74188
GABRIELLE AMADO
ARIZONA, U.S.A.
Date Signed 07/07/23

DATE | LOCATION | REVISIONS | FINISHED PLANS | SURVEY NO.

8:03:32 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\SIGNING AND MARKING\SZ041_SS08.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	108	156	

0000 PN FLO

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)	Ground Mounted: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: #of Lights	Remarks
T-07.02	E141.38	D7-106					X					HISTORICAL MARKER (ARROW)					2020115									
	+	D9-10										Tourist Information														
T-07.02	E141.36A	R3-5fP					X					RIGHT LANE					2020115									
	+	R3-5R										Right Turn Arrow ONLY														
T-07.02	E141.36B	R3-5bP					X					LEFT LANE					2020115									
	+	R3-5L										Left Turn Arrow ONLY														
T-07.02	S132.72A	R1-1					X					STOP					2020115									
T-07.02	S132.72B	R1-1					X					STOP					2020115									
T-07.03	N132.73C	W11-2	X								YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005									MOUNT RRFB BELOW W11-2 ON 15' A POLE PER
	+	W16-7P	X								YL	Diagonal Arrow Plaque (Right)	24	12	2.0	RWM	6080005									DETAIL S1 ON T-05.02; MOUNT IN MEDIAN
T-07.03	N132.73D	W11-2	X								YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005									MOUNT RRFB BELOW W11-2 ON STREET LIGHT
	+	W16-7P	X								YL	Diagonal Arrow Plaque (Left)	24	12	2.0	RWM	6080005									POLE PER DETAIL S2 ON T-05.02
T-07.03	N132.74D	R1-2	X						3	7	WH	YIELD	36	36	4.5	RWM	6080005	1	2 1/2T	12	1					MOUNT IN MEDIAN
T-07.03	N132.74C	R1-2	X						2	7	WH	YIELD	36	36	4.5	RWM	6080005	1	2 1/2T	12	1					
T-07.03	N132.75A	R6-4a	X						2	7	WH	ROUNDABOUT DIRECTIONAL (3)	48	24	8.0	RWM	6080005	2	2 1/2S	23	2					
T-07.03	N132.75B	D1-1e	X						3	3	GR	Circular Int. Departure (w/Arrow)	60	18	7.5	F-DA	6080025	2	2 1/2T	14	2					MOUNT IN MEDIAN
T-07.03	N132.76C	W11-2	X								YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005									MOUNT RRFB BELOW W11-2 ON STREET LIGHT
		W16-7P	X								YL	Diagonal Arrow Plaque (Left)	24	12	2.0	RWM	6080005									POLE PER DETAIL S2 ON T-05.02
T-07.03	N132.76D	W11-2	X								YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005									MOUNT RRFB BELOW W11-2 ON 15' A POLE PER
		W16-7P	X								YL	Diagonal Arrow Plaque (Right)	24	12	2.0	RWM	6080005									DETAIL S1 ON T-05.02; MOUNT IN MEDIAN
T-07.03	N132.76E	R10-15	X						2	7	WH	TURNING TRAFFIC MUST YIELD TO PEDESTRIANS	30	30	6.3	RWM	6080005	1	2 1/2S	10						

Notes:

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- F-Dem: Flat-sheet aluminum with demountable characters
- Ext: Aluminum extrusions
- Incr: Aluminum sheet increment
- Over: Overhead (New overlaid extrusions)

Colors:

- BK - BLACK
- BL - BLUE
- BR - BROWN
- GR - GREEN
- RD - RED
- WH - WHITE
- YL - FLUORESCENT YELLOW

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

Post Types: S: Single perforated; T: Telescoping perforated

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGN SUMMARY
SHEET 9 OF 11

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

DWG NO. T-06.09

____ OF ____

Registered Professional Engineer — Certificate No. 74188 — Gabrielle Amado — Date Signed 07/07/23 — Arizona, U.S.A.

DATE: | LOCATION: | REVISIONS: | FINISHED PLANS: | SURVEY NO.

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)	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: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: #of Lights	Remarks
T-07.03	N132.77D	D3-1	X						2	7	GR	Keating St	36	9	2.3	F-DA	6080025	1	2 1/2T	17	1					
	+	D3-1	X								GR	HWY 79B	36	9	2.3	F-DA	6080025									
	+	R1-1	X								RD	STOP	36	36	9.0	RWM	6080005									
	+	R3-5R	X								WH	Right Turn Arrow ONLY	30	36	7.5	RWM	6080005									
T-07.03	N132.77C	OM1-2	X						2	5	YL	Type 1 Object Marker	18	18	2.3	RWM	6080005	3	2 1/2S	24	3					MOUNT IN MEDIAN
	+	R6-1R	X								BK	ONE WAY (Right)	36	12	3.0	RWM	6080005									
	+	OM1-2	X								YL	Type 1 Object Marker	18	18	2.3	RWM	6080005									
T-07.03	N132.78D	W4-2R	X						2	7	YL	Right Lane Ends	36	36	9.0	RWM	6080005	1	2 1/2S	12						
T-07.03	N132.85	R2-1 (35)	X						12	7	WH	SPEED LIMIT 35	24	30	5.0	RWM	6080005	1	2 1/2S	12						
T-07.03	S131.86A	R1-1						X				STOP														
T-07.03	S131.86B	D3-1						X				Van Haren														
	+	D3-1										Main St														
T-07.03	S132.85	W2-6	X						12	7	YL	ROUNDABOUT	36	36	9.0	RWM	6080005	1	2 1/2S	14						
	+	W13-1P (25)	X								YL	ADVISORY SPEED 25	18	18	2.3	RWM	6080005									
T-07.03	S132.84C	D11-1	X						12	7	GR	(Bike Symbol) BIKE ROUTE	24	18	3.0	F-DA	6080025	1	2 1/2S	12						
	+	M6-2R	X								GR	Diagonal Arrow (Right)	24	18	3.0	RWM	6080005									
T-07.03	S132.83B	R4-7	X							7	WH	Keep Right Symbol	24	30	5.0	RWM	6080005	1	2 1/2S	12						MOUNT IN MEDIAN
	+	OM1-2	X								YL	Type 1 Object Marker	18	18	2.3	RWM	6080005									
T-07.03	S132.79B	D1-5	X						16	7	GR	Destination Sign for Roundabouts	72	72	36.0	Ext	6080018	2	S 4x7.7	30						
T-07.03	S132.76A	W11-2	X								YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005									MOUNT RRFB BELOW W11-2 ON 15' A POLE PER
	+	W16-7P	X								YL	Diagonal Arrow Plaque (Right)	24	12	2.0	RWM	6080005									DETAIL S1 ON T-05.02; MOUNT IN MEDIAN
T-07.03	S132.76B	W11-2	X								YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005									MOUNT RRFB BELOW W11-2 ON STREET LIGHT
	+	W16-7P	X								YL	Diagonal Arrow Plaque (Left)	24	12	2.0	RWM	6080005									POLE PER DETAIL S2 ON T-05.02
T-07.03	S132.75B	R1-2	X						3	7	WH	YIELD	36	36	4.5	RWM	6080005	1	2 1/2T	12	1					MOUNT IN MEDIAN
T-07.03	S132.75C	R1-2	X							7	WH	YIELD	36	36	4.5	RWM	6080005									MOUNT ON STREET LIGHT POLE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	109	156	

0000 PN FLO

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)

Colors:

BK - BLACK
BL - BLUE
BR - BROWN
GR - GREEN
RD - RED
WH - WHITE
YL - FLUORESCENT YELLOW

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

Post Types: S: Single perforated; T: Telescoping perforated

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGN SUMMARY
SHEET 10 OF 11

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

DWG NO. T-06.10

____ OF ____

Registered Professional Engineer — CERTIFICATE NO. 74188 — GABRIELLE AMADO — Date Signed 07/07/23 — ARIZONA, U.S.A.

DATE: | LOCATION: | REVISIONS: | FINISHED PLANS: | SURVEY NO.

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)	Ground Mounted: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: #of Lights	Remarks
T-07.03	S132.74	R6-4a	X						2	7	WH	ROUNDABOUT DIRECTIONAL (3)	48	24	8.0	RWM	6080005	2	2 1/2S	24	2					
T-07.03	W141.35	R6-4a	X						2	7	WH	ROUNDABOUT DIRECTIONAL (3)	48	24	8.0	RWM	6080005	2	2 1/2S	24	2					
T-07.03	W141.36A	R1-1	X						2	7	RD	STOP	36	36	9.0	RWM	6080005	1	2 1/2S	12						
T-07.03	W141.36B	D1-1e	X						3	3	GR	Circular Int. Departure (w/Arrow)	48	18	6.0	F-DA	6080025	2	2 1/2T	14	2					MOUNT IN MEDIAN
T-07.03	W141.37A	W11-2	X								YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005									MOUNT RRFB BELOW W11-2 ON STREET LIGHT
	+	W16-7P	X								YL	Diagonal Arrow Plaque (Left)	24	12	2.0	RWM	6080005									POLE PER DETAIL S2 ON T-05.02
T-07.03	W141.37B	W11-2	X								YL	Pedestrian Crossing Symbol	36	36	9.0	RWM	6080005									MOUNT RRFB BELOW W11-2 ON 15' A POLE PER
	+	W16-7P	X								YL	Diagonal Arrow Plaque (Right)	24	12	2.0	RWM	6080005									DETAIL S1 ON T-05.02; MOUNT IN MEDIAN
T-07.03	W141.37C	D1-1	X						2	7	GR	Campbell Rd Arrow	84	18	10.5	F-DA	6080025	2	2 1/2S	22	2					
T-07.01	W141.39A	R3-5bP					X					LEFT LANE					2020115									
	+	R3-5L										Left Turn Arrow ONLY														
	-	R5-1										DO NOT ENTER														
T-07.01	W141.39B	R8-3					X					NO PARKING					2020115									
	+	R5-1										DO NOT ENTER														
T-07.01	W141.40	W9-101	X						15	7	YL	THRU TRAFFIC MERGE LEFT	36	36	9.0	RWM	6080005	1	2 1/2S	12						
T-07.01	W141.41	R1-1	X						2	7	RD	STOP	36	36	9.0	RWM	6080005	1	2 1/2S	12						
T-07.01	W141.42A	R1-1					X					STOP					2020115									
T-07.01	W141.42B	R16-101					X					BUCKLE UP with Symbol					2020115									
T-07.01	W141.46	R2-1 (35)					X					SPEED LIMIT 35					2020115									
T-07.01	W141.49A	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 Arrow ONLY	30	36	7.5	RWM	6080005									
T-07.01	W141.49B	R3-5fP					X					RIGHT LANE					2020115									
	+	R3-5R										Right Turn Arrow ONLY														

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	110	156	

0000 PN FLO

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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4. Minimum sheeting type shall be Type IX or XI for all signs.

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- F-Dem: Flat-sheet aluminum with demountable characters
- Ext: Aluminum extrusions
- Incr: Aluminum sheet increment
- Over: Overhead (New overlaid extrusions)

Colors:

- BK - BLACK
- BL - BLUE
- BR - BROWN
- GR - GREEN
- RD - RED
- WH - WHITE
- YL - FLUORESCENT YELLOW

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

Post Types: S: Single perforated; T: Telescoping perforated

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGN SUMMARY
SHEET 11 OF 11

ROUTE: SR 287 | LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

DWG NO. T-06.11

____ OF ____

Registered Professional Engineer — Certificate No. 74188 — Gabrielle Amado — State of Arizona, U.S.A. — Date Signed 07/07/23

8:03:35 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\SIGNING AND MARKING\SZ041_SS11.DGN

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)	Ground Mounted: New Slipbases	Stringer: Type	Stringer: Total Length (ft)	Overhead: Structure Type	Overhead: #of Lights	Remarks
T-07.01	W141.52A	R3-5fP					X					RIGHT LANE					2020115									
	+	R3-5R										Right Turn Arrow ONLY														
T-07.01	W141.52B	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 Arrow ONLY	30	36	7.5	RWM	6080005									
T-07.01	W141.54A	R1-1										STOP														
T-07.01	W141.54B	R16-101	X						12	7	WH	BUCKLE UP with Symbol	24	30	5.0	RWM	6080005	1	2 1/2S	12						

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	111	156	

0000 PN FLO

Notes:

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F-Dem: Flat-sheet aluminum with demountable characters
Ext: Aluminum extrusions
Incr: Aluminum sheet increment
Over: Overhead (New overlaid extrusions)

Colors:

BK - BLACK
BL - BLUE
BR - BROWN
GR - GREEN
RD - RED
WH - WHITE
YL - FLUORESCENT YELLOW

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

Post Types: S: Single perforated; T: Telescoping perforated

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

Kimley»Horn
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SIGN SUMMARY
SHEET 11 OF 11

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

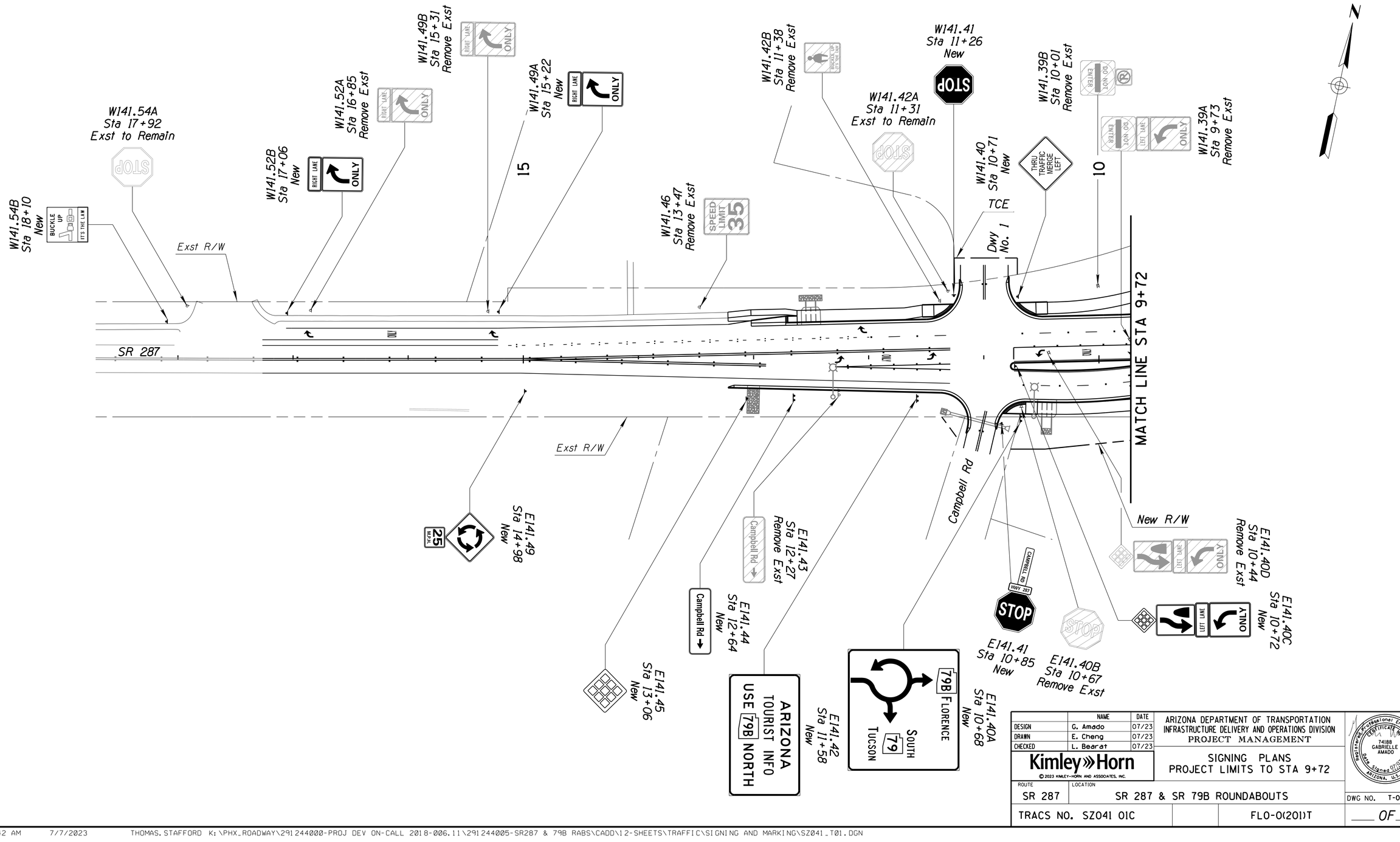
DWG NO. T-06.12

____ OF ____

Registered Professional Engineer
CERTIFICATE NO.
74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

8:03:36 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\SIGNING AND MARKING\SZ041_SSI2.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	112	156	
		0000 PN FLO			



	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGNING PLANS
PROJECT LIMITS TO STA 9+72

Registered Professional Engineer (Civil)
CERTIFICATE NO.
74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

ROUTE	LOCATION	
SR 287	SR 287 & SR 79B ROUNDABOUTS	DWG NO. T-07.01
TRACS NO. SZ041 01C	FLO-0(201)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.	FLO-0(201)T	113	156	
		0000 PN FLO			

MATCH LINE STA 9+72

SR 287

Dwy No. 2

550

S141.38B Sta 9+39 Remove Exst

S141.38A Sta 9+38 Remove Exst

S141.37C Sta 8+88 Remove Exst

S141.37A Sta 8+65 Remove Exst

S141.37B Sta 8+78 Remove Exst

S141.36 Sta 8+36 Remove Exst

S141.35 Sta 8+01 Remove Exst

S132.77C Sta 551+53 Remove Exst

S132.77A Sta 551+63 Remove Exst

S132.78D Sta 551+75 Remove Exst

S132.78B Sta 551+99 Remove Exst

S132.77B Sta 551+56 Remove Exst

S132.78C Sta 551+99 Remove Exst

S132.78A Sta 552+06 Remove Exst

S132.83A Sta 554+54 Remove Exst

S132.84B Sta 555+16 Remove Exst

S132.84A Sta 555+16 Remove Exst

555

S132.79A Sta 552+61 Remove Exst

E141.38 Sta 9+45 Remove Exst

E141.36A Sta 8+45 Remove Exst

E141.36B Sta 8+31 Remove Exst

S132.72A Sta 548+79 Remove Exst

S132.72B Sta 548+75 Remove Exst

SR 79B

MATCH LINE STA 548+71

Dwy No. 3

Dwy No. 3

Keating St

N132.78C Sta 551+85 Remove Exst

N132.78A N132.78B Sta 551+82 Remove Exst

N132.74B N132.74C N132.74D Sta 549+85 Sta 550+35 Sta 550+71 Remove Exst

N132.72B Sta 548+79 Remove Exst

N132.73A Sta 549+40 Remove Exst

N132.73B Sta 549+27 Remove Exst

N132.74A Sta 549+79 Remove Exst

N132.75B Sta 550+58 Remove Exst

N132.75A Sta 550+45 Remove Exst

N132.76A Sta 551+06 Remove Exst

N132.76B Sta 550+96 Remove Exst

N132.77A Sta 551+61 Remove Exst

N132.77B Sta 551+63 Remove Exst

	NAME	DATE
DESIGN	C. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

Kimley»Horn
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SIGNING REMOVAL
STA 9+72 TO 548+71

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C
FLO-0(201)T

74188 GABRIELLE AMADO — Registered Professional Engineer — Certificate No. — Date Signed 07/07/23 — ARIZONA, U.S.A.

DWG NO. T-07.02

____ OF ____

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

8:03:44 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\SIGNING AND MARKING\SZ041_T02A.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	114	156	
		0000 PN FLO			

N

MATCH LINE STA 9+72

MATCH LINE STA 548+71

SR. 287

SR 79B

Campbell Rd

Dwy No. 2

Dwy No. 3

Dwy No. 4

TCE

Keating St

Van Haren St

Exst R/W

New R/W

550

555

W141.37B
Sta 8+66
New
Mount to Traffic Signal A Pole

W141.37A
Sta 8+64
New
Mount to Street Light

W141.36B
Sta 8+37
New
287 WEST

W141.36A
Sta 8+23
New
STOP

W141.37C
Sta 9+06
New

S132.75B
Sta 550+46
New

S132.79B
Sta 553+80
New
WEST 287 COOLIDGE
SOUTH 79 TUCSON

S132.76A
Sta 550+84
New
Mount to Traffic Signal A Pole

S132.76B
Sta 551+06
New
Mount to Street Light

S132.75C
Sta 550+43
New
Mount to Street Light

S132.84C
Sta 555+40
New
BIKE ROUTE

S132.85
Sta 555+93
New
25 M.P.H.

S132.86A
Sta 556+10
Exst to Remain
STOP

S132.86B
Sta 556+11
Exst to Remain

S132.83B
Sta 554+79
New

E141.37A
Sta 8+66
New
Mount to Traffic Signal A Pole

E141.37B
Sta 8+85
New
Mount to Traffic Signal A Pole

S132.75A
Sta 549+74
New
79 SOUTH

E141.36A
Sta 8+28
New

E141.36B
Sta 8+37
New

S132.73B
Sta 549+46
New
Mount to Traffic Signal A Pole

S132.73A
Sta 549+44
New
Mount to Traffic Signal A Pole

E141.35
Sta 7+89
New

Sta 7+77
W141.35
S132.74
Sta 549+84
New

N132.76D
Sta 550+84
New
Mount to Traffic Signal A Pole

N132.75A
Sta 550+32
New

N132.73C
Sta 549+44
New
Mount to Traffic Signal A Pole

N132.73D
Sta 549+24
New
Mount to Street Light

N132.74D
Sta 549+79
New

N132.74C
Sta 549+71
New

N132.75B
Sta 550+37
New
79B FLORENCE

N132.76E
Sta 551+01
New
Mount to Street Light

N132.76C
Sta 550+84
New
Mount to Street Light

N132.77D
Sta 551+62
New

N132.78D
Sta 551+88
New

N132.77C
Sta 551+44
New

N132.85
Sta 555+72
New

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGNING PLANS
STA 9+72 TO 548+71

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

DWG NO. T-07.03

___ OF ___

Registered Professional Engineer (Civil)
CERTIFICATE NO.
74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	115	156	
		0000 PN FLO			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

N132.69C Sta 547+35 Remove Exst

N132.69B Sta 547+21 New

WEST 287 COOLIDGE

79B FLORENCE

N132.67A Sta 546+37 New

79B North 287 WEST

N132.70C Sta 547+92 Remove Exst

FLORENCE JCTS DR

N132.70B Sta 547+92 Remove Exst

CHECKS TRAFFIC DOES NOT STOP

N132.71 Sta 548+09 Remove Exst

N132.69A Sta 547+10 Remove Exst

F 20+74W Sta 20+74 F 20+81W Sta 20+81 New

YIELD

New R/W

MATCH LINE STA 21+19

F 21+17W Sta 21+17 New Mount to Street Light

F 20+95E Sta 20+95 New Mount to Street Light

F 20+75E Sta 20+75 New

FLORENCE HEIGHTS DR

N132.65B Sta 545+01 Remove Exst

SPEED LIMIT 35

N132.64B Sta 544+80 New

N132.64A Sta 544+49 New Mount to Street Light

N132.65A Sta 544+90 New

YIELD

N132.59 Sta 541+81 New

287 COOLIDGE 79B FLORENCE

FLORENCE HEIGHTS DR

N132.58 Sta 55541+32 Relocated by Others

FOOD

N132.62B Sta 543+57 New

Casa Grande Ruins Natl Monument USE 287 WEST

N132.55 Sta 540+07 New

25 MPH

Exst R/W

N132.61 Sta 543+26 New Mount to Street Light

BIKE ROUTE

Florence Heights Dr

SR 287

SR 79B

N132.70A Sta 548+02 New

ARIZONA TOURIST INFO USE 79B NORTH

MATCH LINE STA 548+71

Canal Rd

S132.68 Sta 546+80 Remove Exst

New R/W

S132.69A Sta 547+12 Remove E xst

N132.72A Sta 548+66 Remove E xst

DO NOT ENTER

S132.70A Sta 547+54 Remove Exst

CANAL RD

STOP

S132.70B Sta 547+78 New

CANAL RD

STOP

545

YIELD

S132.67A Sta 546+38 New

YIELD

S132.67B Sta 546+44 New

79 BUSINESS

Florence Historic District Business District

INFO

N132.67B Sta 546+39 Remove Exst

S132.69B Sta 547+27 New

FLORENCE HEIGHTS DR

SOUTH 79 TUCSON

N132.65C Sta 545+37 N132.66 Sta 545+72 New

S132.66B Sta 545+90 New

S132.66A Sta 545+90 Remove Exst

SCIP Esmnt

SCIP Esmnt

S132.64A Sta 544+75 New

SPEED LIMIT 45

S132.64B Sta 544+71 Remove Exst

79 SOUTH

N132.62A Sta 543+47 New

S132.65 Sta 544+90 New

SPEED LIMIT 45

S132.59 Sta 542+02 New

Exst R/W

540

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGNING PLANS
STA 548+71 TO PROJECT LIMITS

ROUTE: SR 287 | LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

CERTIFICATE NO. 74188 GABRIELLE AMADO — Date Signed 07/17/23 — ARIZONA, U.S.A.

DWG NO. T-07.04

___ OF ___

8:03:49 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\SIGNING AND MARKING\SZ041_T03.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	116	156	
		0000 PN FLO			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE- | SURVEY NO.

F 22+81E
Sta 22+81
Remove Exst

F 22+67W
Sta 22+67
Remove Exst

F 22+27W
Sta 22+27
New

F 21+60E
Sta 21+60
Remove Exst

F 22+97W
Sta 22+97
Remove Exst

F 22+93W
Sta 22+93
New

FHD 23+90W
Sta 23+90
New

F 24+47W
Sta 24+47
Remove Exst

F 25+46W
Sta 25+46
New

F 25+48W
Sta 25+48
Remove Exst

F 25+73W
Sta 25+73
Remove Exst

F 25+98W
Sta 25+98
Remove Exst

F 26+15W
Sta 26+15
Remove Exst

F 26+16W
Sta 26+16
New

F 26+06W
Sta 26+06
New

F 27+71W
Sta 27+71
New

F 29+13W
Sta 29+13
New

F 25+22W
Sta 25+22
New

F 22+58E
Sta 22+58
New

F 22+93E
Sta 22+93
New

F 22+77E
Sta 22+77
New

F 22+41W
Sta 22+41
New

F 25+97E
Sta 25+97
New

F 27+78E
Sta 27+78
New

F 25+94E
Sta 25+94
Remove Exst

F 26+15E
Sta 26+15
New

Elizabeth St
Florence Hts Dr
Orlando St
SCIP Esmt
TCE
Dwy No. 5
Dwy No. 6
Dwy No. 7
New R/W
Exst R/W
Florence Heights Dr
MATCH LINE STA 21+19
14'
14'
WEST 287 COOLIDGE 79B FLORENCE
SOUTH 79 TUCSON
STOP
ONLY
ONE WAY
SPEED LIMIT 25
BIKE ROUTE
25
30

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGNING PLANS
STA 21+19 TO PROJECT LIMITS

Registered Professional Engineer
CERTIFICATE NO.
74188
GABRIELLE AMADO
Date Signed 07/07/2023
ARIZONA, U.S.A.

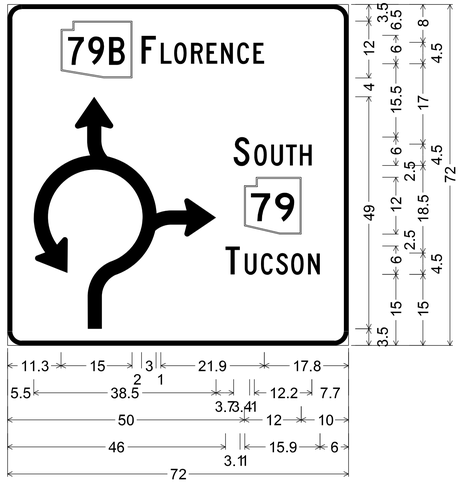
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-07.05

TRACS NO.			SHEET NO.
SZ041 01C		FLO-0(201)T	___ OF ___

8:03:51 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\SIGNING AND MARKING\SZ041_T04.DGN

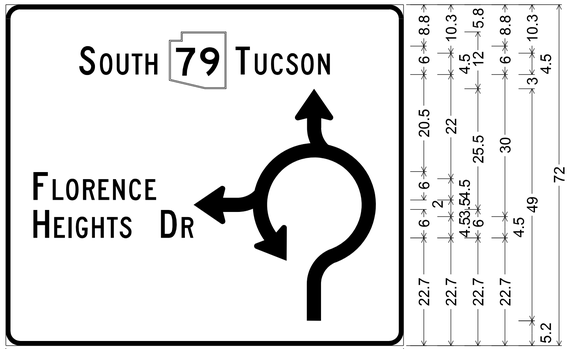
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	117	156	
		0000 PN FLO			

E141.40A, Sta 10+68



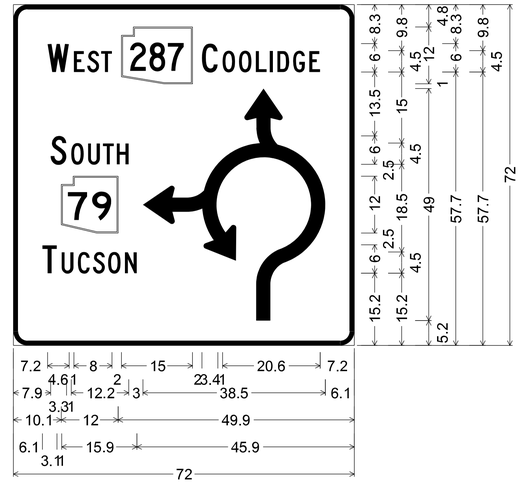
3.0" Radius, 1.0" Border, White on, Green;
State Highway 79B M1-5d;
"F LORENCE", C 2K; "S OUTH", C 2K;
State Highway 79 M1-5c;
"T UCSON", C 2K;

S132.69B, Sta 547+27



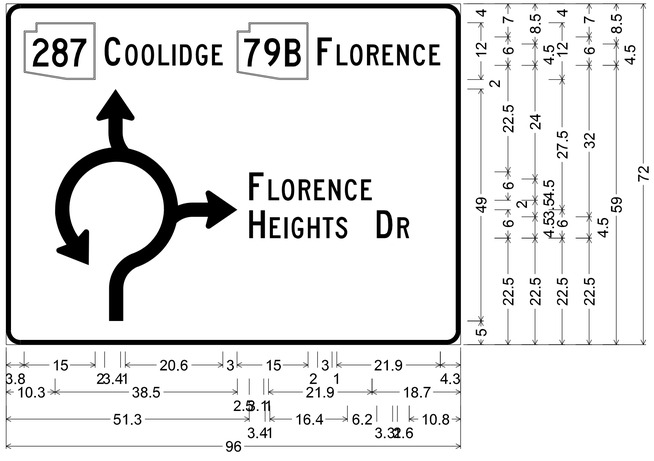
3.0" Radius, 1.0" Border, White on, Green;
"S OUTH", C 2K; State Highway 79 M1-5c;
"T UCSON", C 2K; "F LORENCE", C 2K;
"H EIGHTS", C 2K; "D R", C 2K;

S132.79B, Sta 553+80



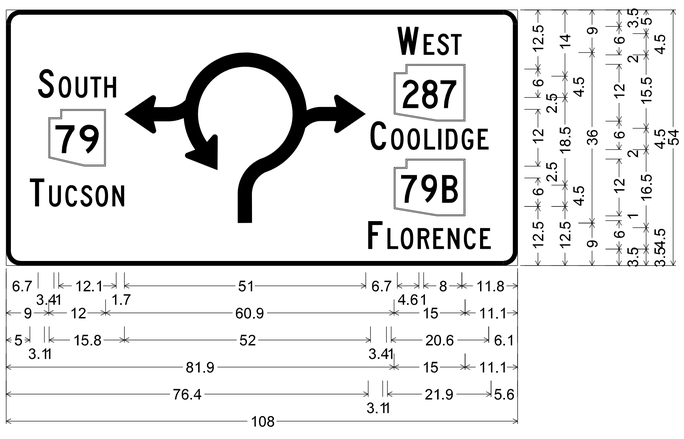
3.0" Radius, 1.0" Border, White on, Green;
"W EST", C 2K; State Highway 287 M1-5d;
"C OOLIDGE", C 2K; "S OUTH", C 2K;
State Highway 79 M1-5c;
"T UCSON", C 2K;

N132.59, Sta 541+81



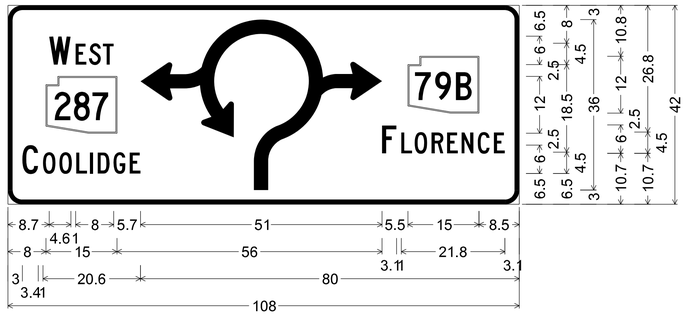
3.0" Radius, 1.0" Border, White on, Green;
State Highway 287 M1-5d; "C OOLIDGE", C 2K;
State Highway 79B M1-5d; "F LORENCE", C 2K;
"F LORENCE", C 2K; "H EIGHTS", C 2K; "D R", C 2K;

F 23+90W, Sta 23+90



3.0" Radius, 1.0" Border, White on, Green;
"S OUTH", C 2K; State Highway 79 M1-5c; "T UCSON", C 2K;
"W EST", C 2K; State Highway 287 M1-5d; "C OOLIDGE", C 2K;
State Highway 79B M1-5d; "F LORENCE", C 2K;

N132.69B, Sta 547+21



3.0" Radius, 1.0" Border, White on, Green;
"W EST", C 2K; State Highway 287 M1-5d; "C OOLIDGE", C 2K;
State Highway 79B M1-5d; "F LORENCE", C 2K;

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGN FORMATS
SHEET (1 OF 3)

Registered Professional Engineer
CERTIFICATE NO.
74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

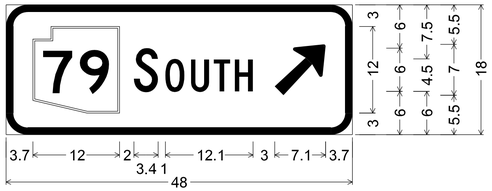
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-08.01
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	118	156	
		0000 PN FLO			

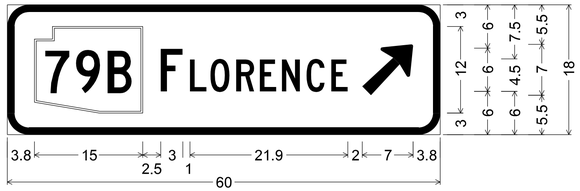
S132.75A, Sta 549+74

S132.65, Sta 544+90



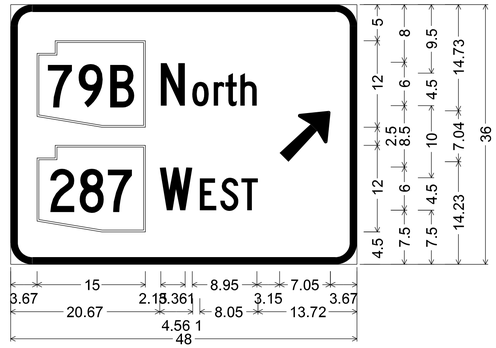
3.0" Radius, 1.0" Border, White on, Green;
State Highway 79 M1-5c; "S OUTH", C 2K;
Arrow Custom - 9.0" 45';

N132.75B, Sta 550+37



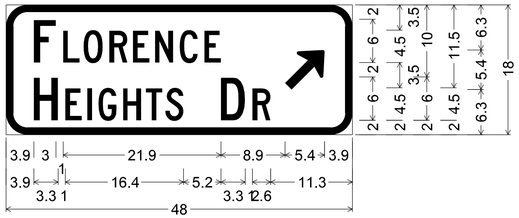
3.0" Radius, 1.0" Border, White on, Green;
State Highway 79B M1-5d; "F LORENCE", C 2K;
Arrow Custom - 9.0" 45';

N132.67A, Sta 546+37



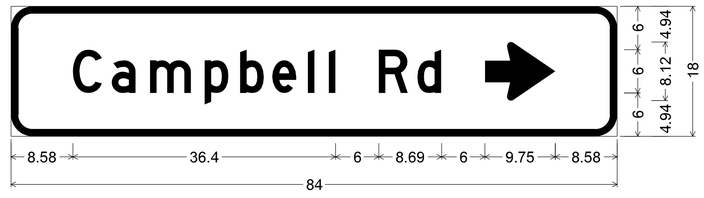
3.00" Radius, 1.00" Border, White on, Green;
State Highway 79B M1-5d; "N orth", C 2K;
State Highway 287 M1-5d; "W EST", C 2K;
Arrow Custom - 9.00" 45';

F 20+75E, Sta 20+75



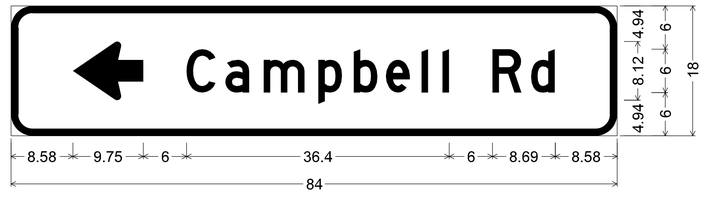
3.0" Radius, 1.0" Border, White on, Green;
"F LORENCE", C 2K; "H EIGHTS", C 2K;
"D R", C 2K; Arrow Custom - 7.0" 45';

E141.44, Sta 12+64



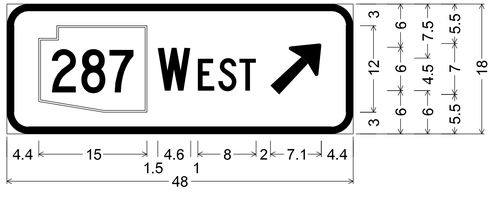
D1-1 (conventional road);
3.00" Radius, 1.00" Border, White on, Green;
"Campbell Rd", D; Arrow 6" Type D1 - 9.75" 0';

W141.37C, Sta 9+06



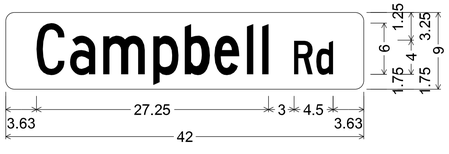
D1-1 (conventional road);
3.00" Radius, 1.00" Border, White on, Green;
Arrow 6" Type D1 - 9.75" 180"; "Campbell Rd", D;

W141.36B, Sta 8+37



3.0" Radius, 1.0" Border, White on, Green;
State Highway 287 M1-5d; "W EST", C 2K;
Arrow Custom - 9.0" 45';

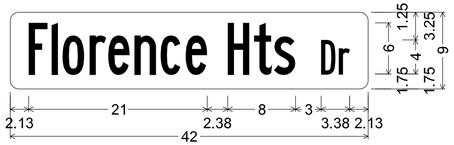
E141.41, Sta 10+85



D3-1(conventional road - 6");
1.00" Radius, No border, White on, Green;
"Campbell", C 50% spacing;
"Rd", C 50% spacing;

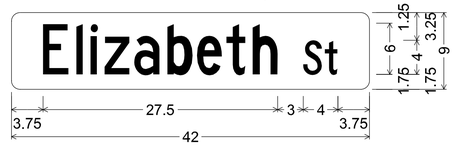
F 22+27W, Sta 22+27

F 25+46W, Sta 25+46



D3-1(conventional road - 6");
1.00" Radius, No border, White on, Green;
"Florence Hts", B 40% spacing;
"Dr", B 40% spacing;

F 22+27W, Sta 22+27



D3-1(conventional road - 6");
1.00" Radius, No border, White on, Green;
"Elizabeth", C 50% spacing;
"St", C 50% spacing;

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

Kimley»Horn
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SIGN FORMATS
SHEET (2 OF 3)

Registered Professional Engineer
CERTIFICATE NO. 74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-08.02
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

8:03:55 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\SIGNING AND MARKING\SZ041_SF02.DGN

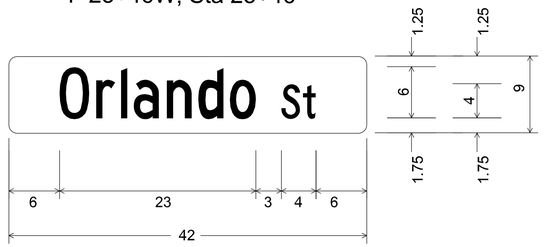
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	119	156	
		0000 PN FLO			

E141.41, Sta 10+85



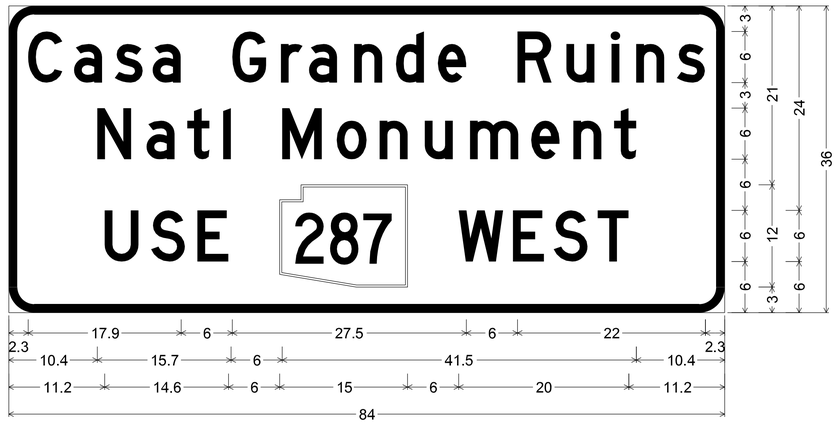
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"HWY 287", C 50% spacing;

F 25+46W, Sta 25+46



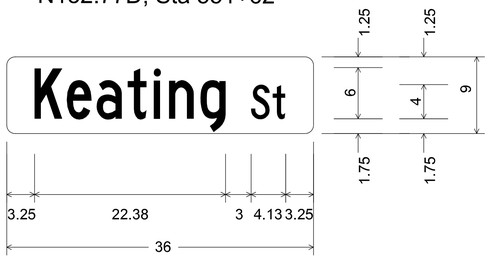
D3-1(conventional road - 6");
1.00" Radius, No border, White on, Green;
"Orlando", C 50% spacing;
"St", C 50% spacing;

N132.62B, Sta 543+57



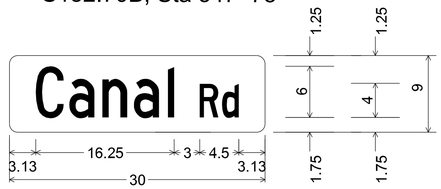
D7-101(conventional road);
3.0" Radius, 1.0" Border, White on, Brown;
"Casa Grande Ruins", D; "Natl Monument", D; "USE", D; State Highway 287 M1-5d;
"WEST", D;

N132.77D, Sta 551+62



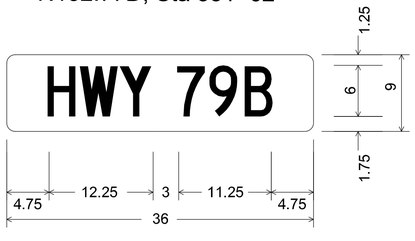
D3-1(conventional road - 6");
1.00" Radius, No border, White on, Green;
"Keating", C 50% spacing;
"St", C 50% spacing;

S132.70B, Sta 547+78



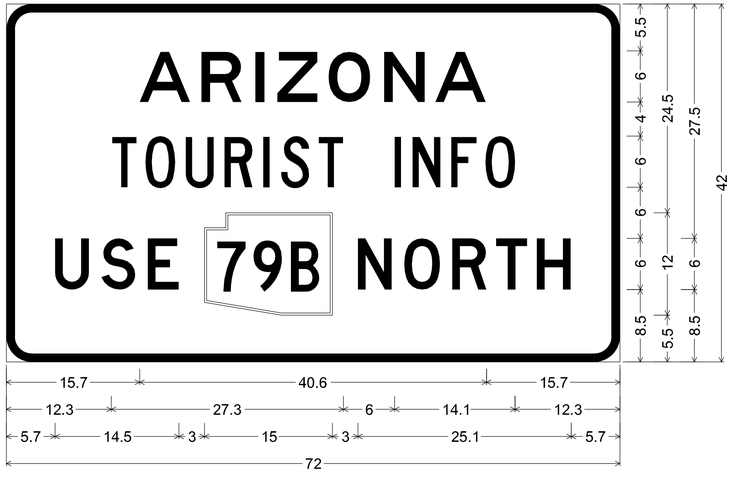
D3-1(conventional road - 6");
1.00" Radius, No border, White on, Green;
"Canal", C 50% spacing;
"Rd", C 50% spacing;

N132.77D, Sta 551+62



D3-1(conventional road - 6");
1.00" Radius, No border, White on, Green;
"HWY 79B", C 50% spacing;

E141.42, Sta 11+58
N132.70A, Sta 548+02



D5-1z(conventional road);
3.0" Radius, 1.0" Border, White on, Blue;
"ARIZONA", E; "TOURIST INFO", C; "USE", D; State Highway 79B M1-5d;
"NORTH", D;

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SIGN FORMATS
SHEET (3 OF 3)

Registered Professional Engineer
CERTIFICATE NO. 74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

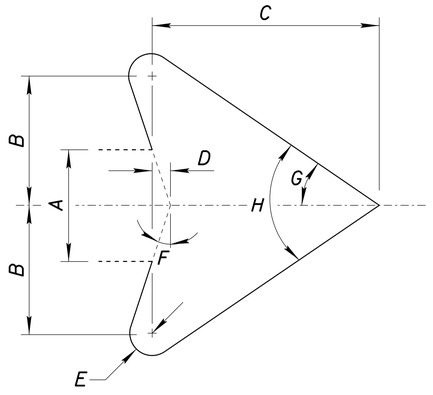
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-08.03
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

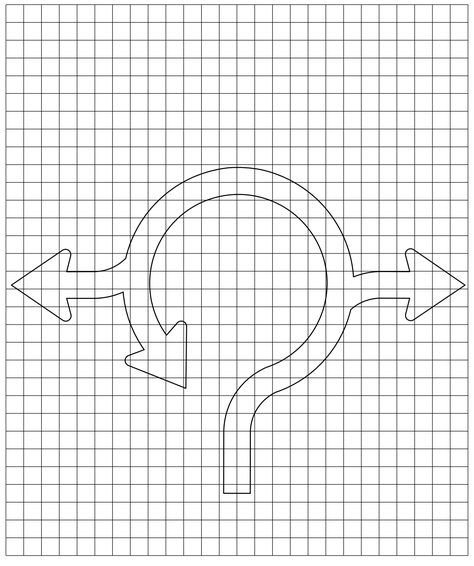
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	120	156	
		0000 PN FLO			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

ADOT STANDARD ARROW HEAD DETAILS

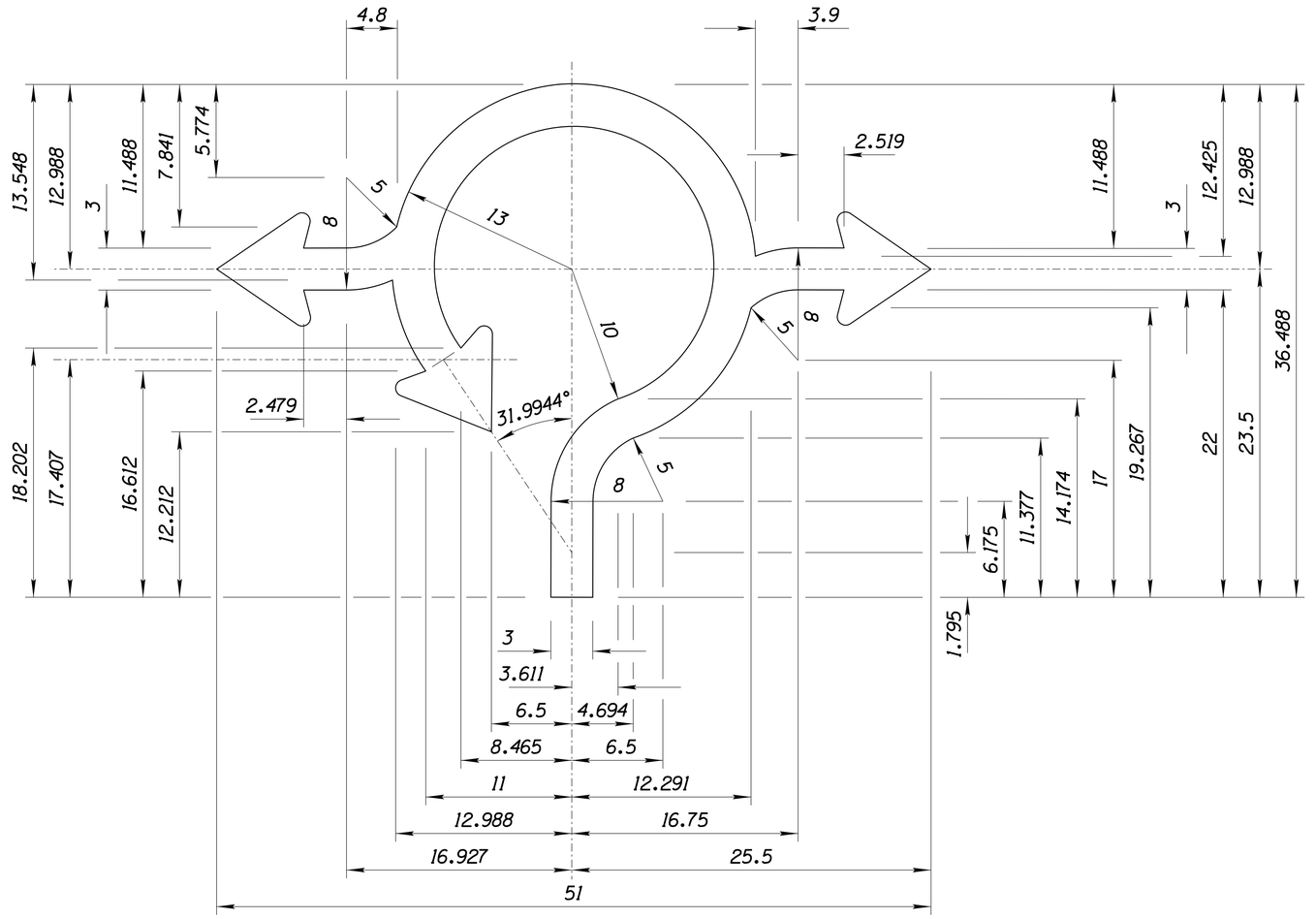


A = Arrow Shaft Stroke Width
B = 1.15 x A
C = 2.025 x A
D = 0.16169 x A
E = 0.2 x A
F = 17.92°
G = 34.519°
H = 69.038°



ARROW DETAILS

White Arrow
1 Unit = 2"



ROUNDABOUT ARROW DETAIL A

All Dimensions are in Inches

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

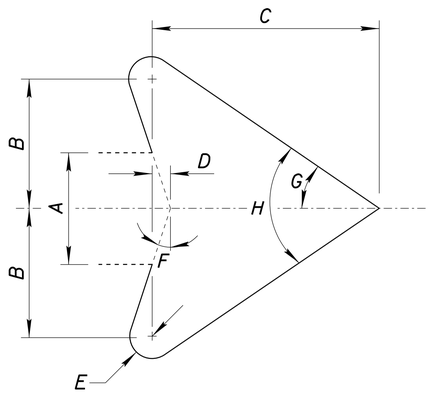
ROUDABOUT ARROW DETAIL
SHEET (1 OF 3)

Registered Professional Engineer
CERTIFICATE NO.
74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

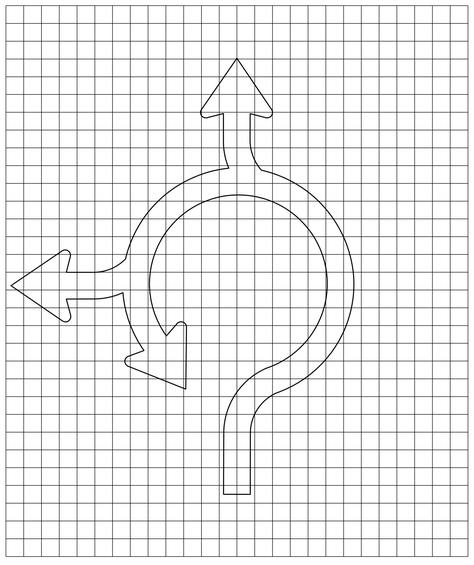
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-08.04
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	121	156	
		0000 PN FLO			

ADOT STANDARD ARROW HEAD DETAILS

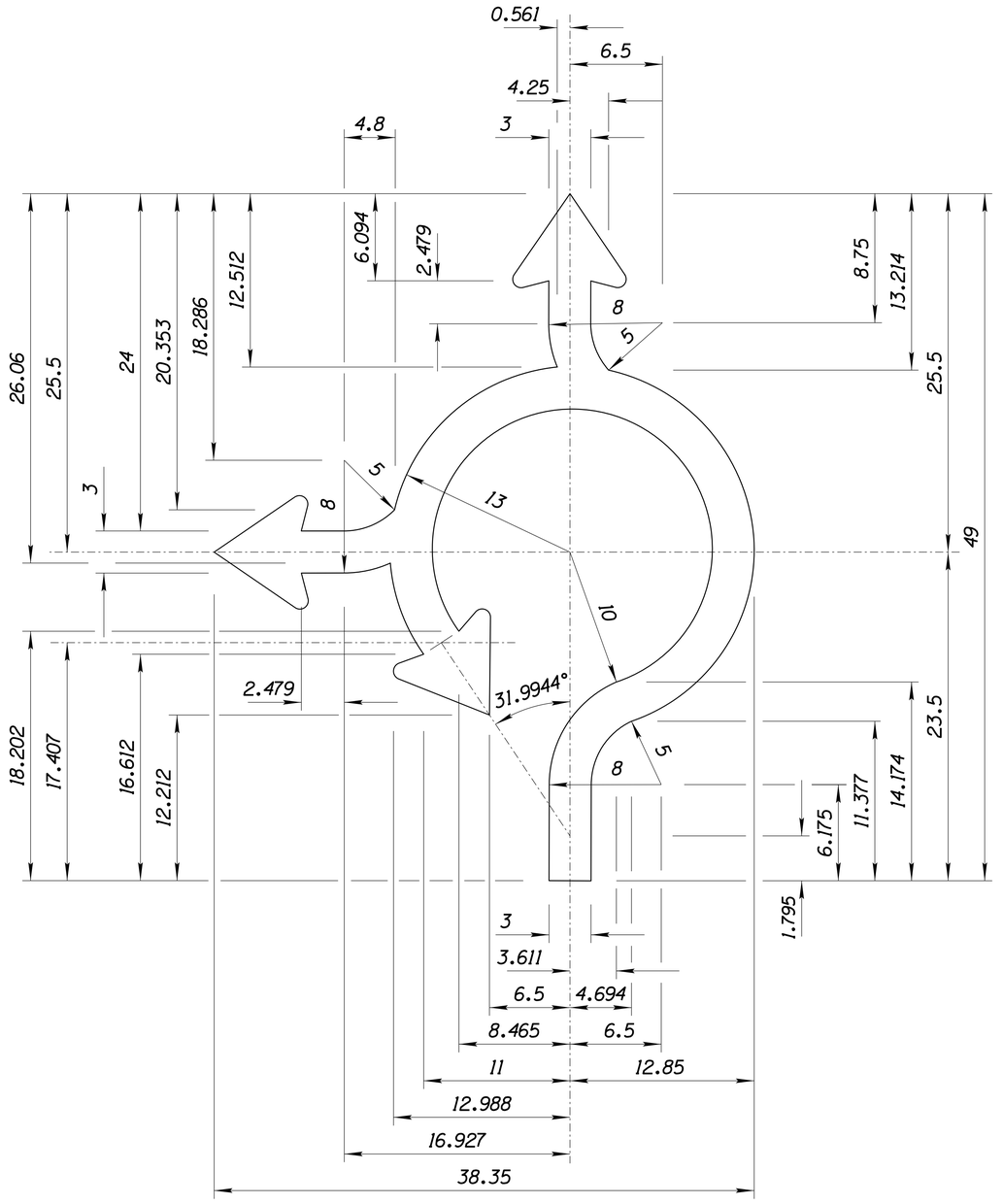


A = Arrow Shaft Stroke Width
B = 1.15 x A
C = 2.025 x A
D = 0.16169 x A
E = 0.2 x A
F = 17.92°
G = 34.519°
H = 69.038°



ARROW DETAILS

White Arrow
1 Unit = 2"



ROUNDABOUT ARROW DETAIL B

All Dimensions are in Inches

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

ROUDABOUT ARROW DETAIL
SHEET (2 OF 3)

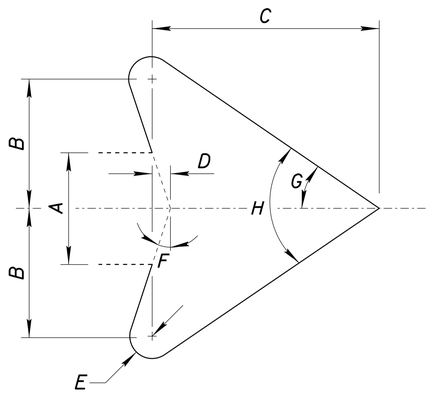
Registered Professional Engineer
CERTIFICATE NO.
74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-08.05
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

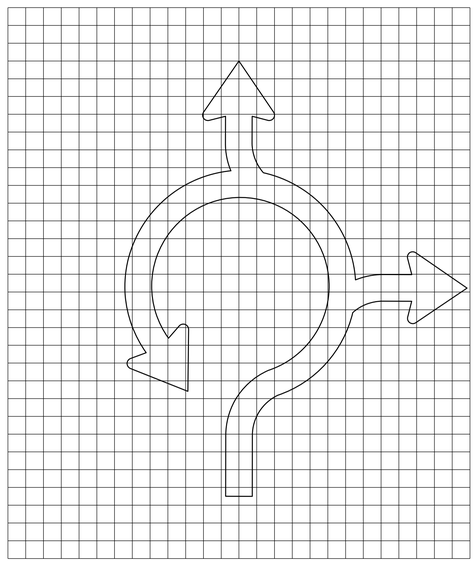
SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	122	156	
		0000 PN FLO			

ADOT STANDARD ARROW HEAD DETAILS

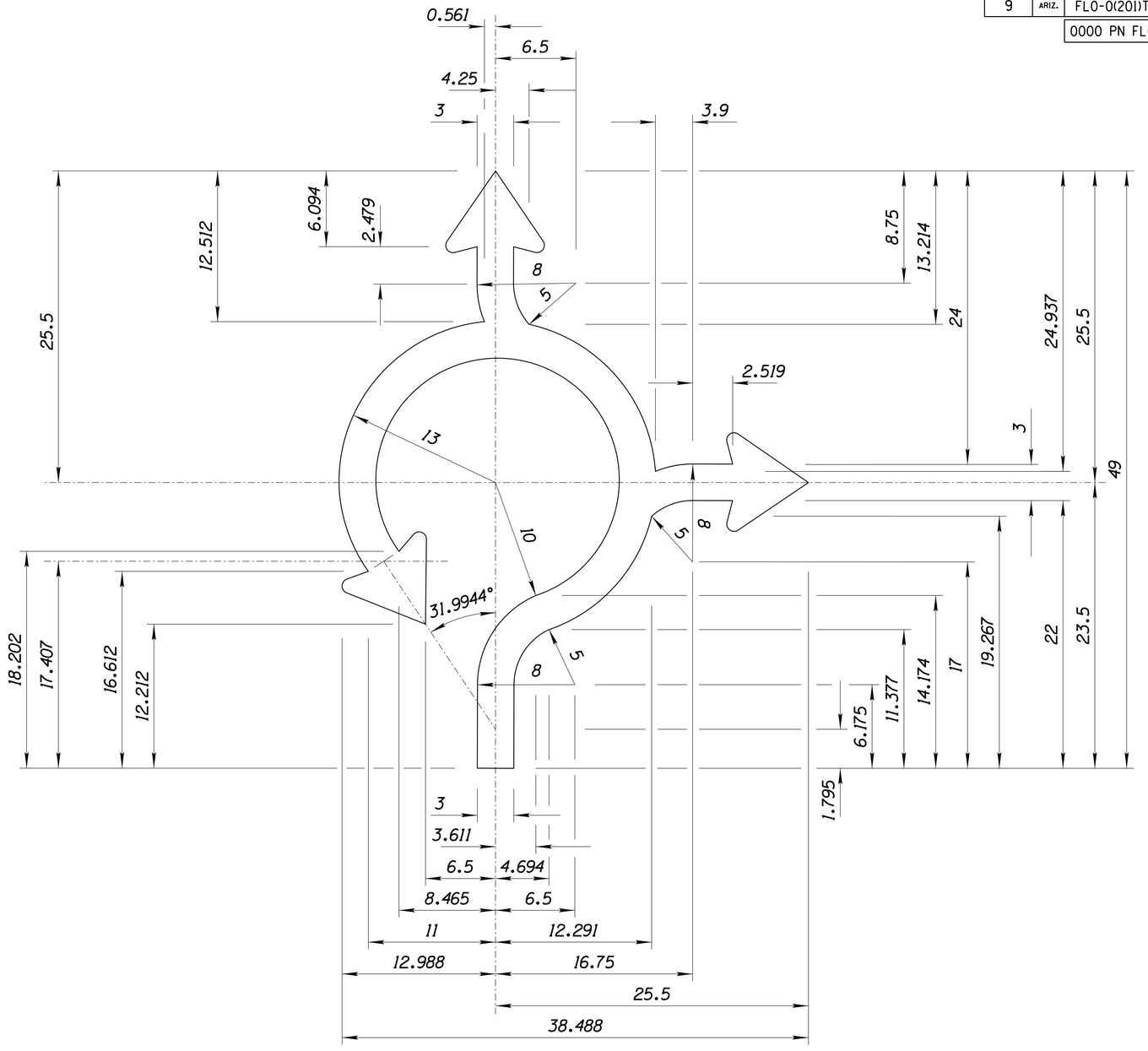


A = Arrow Shaft Stroke Width
B = 1.15 x A
C = 2.025 x A
D = 0.16169 x A
E = 0.2 x A
F = 17.92°
G = 34.519°
H = 69.038°



ARROW DETAILS

White Arrow
1 Unit = 2"



ROUNDABOUT ARROW DETAIL C

All Dimensions are in Inches

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

ROUDABOUT ARROW DETAIL
SHEET (3 OF 3)

Registered Professional Engineer
CERTIFICATE NO.
74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-08.06
TRACS NO. SZ041 01C	FLO-0(201)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.	FLO-0(201)T	123	156	
		0000 PN FLO			

POLE SCHEDULE

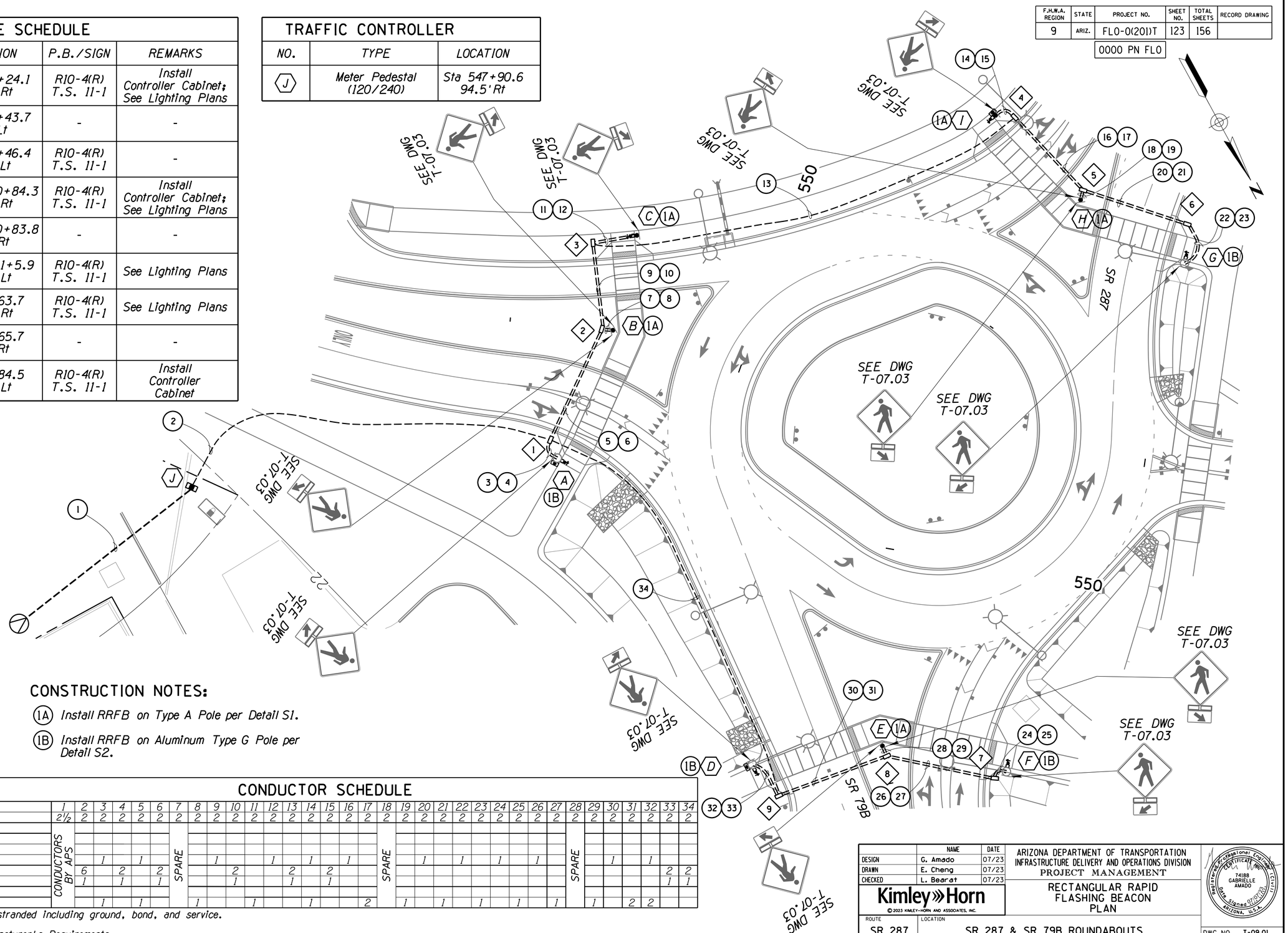
NO.	TYPE	LOCATION	P.B./SIGN	REMARKS
A	G T-SL 4.08	Sta 549+24.1 56.5'Rt	RIO-4(R) T.S. 11-1	Install Controller Cabinet; See Lighting Plans
B	A T-SL 4.01	Sta 549+43.7 0.1'Lt	-	-
C	A T-SL 4.01	Sta 549+46.4 41.5'Lt	RIO-4(R) T.S. 11-1	-
D	G T-SL 4.08	Sta A 550+84.3 55.9'Rt	RIO-4(R) T.S. 11-1	Install Controller Cabinet; See Lighting Plans
E	A T-SL 4.01	Sta A 550+83.8 0.2'Rt	-	-
F	G T-SL 4.08	Sta A 551+5.9 49.6'Lt	RIO-4(R) T.S. 11-1	See Lighting Plans
G	G T-SL 4.08	Sta 8+63.7 52.0'Rt	RIO-4(R) T.S. 11-1	See Lighting Plans
H	A T-SL 4.01	Sta 8+65.7 0.5'Rt	-	-
I	A T-SL 4.01	Sta 8+84.5 47.5'Lt	RIO-4(R) T.S. 11-1	Install Controller Cabinet

TRAFFIC CONTROLLER

NO.	TYPE	LOCATION
J	Meter Pedestal (120/240)	Sta 547+90.6 94.5'Rt

PULL BOX SCHEDULE

ID	TYPE	LOCATION
1	No. 7	Sta 549+19.6 49.0'Rt
2	No. 7	Sta 549+39.0 0.2'Lt
3	No. 7	Sta 549+31.3 35.6'Lt
4	No. 7	Sta 8+87.6 39.7'Lt
5	No. 7	Sta 8+69.9 0.4'Lt
6	No. 7	Sta 8+75.9 45.5'Rt
7	No. 7	Sta 551+07.9 44.2'Lt
8	No. 7	Sta 550+88.3 1.0'Lt
9	No. 7	Sta 550+96.6 46.9'Rt



CONSTRUCTION NOTES:

(1A) Install RRFB on Type A Pole per Detail S1.

(1B) Install RRFB on Aluminum Type G Pole per Detail S2.

CONDUCTOR SCHEDULE

	Conduit Run Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	Conduit Size (Inches)	2½	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
AWG	Circuit Phase	CONDUCTORS BY APS						SPARE											SPARE										SPARE							
IMSA 19-1 #14 AWG	20 Conductor Cable																																		
	7 Conductor Cable																																		
	4 Conductor Cable			1		1				1			1		1		1			1		1		1		1				1		1			
□	#12 AWG		6		2		2				2			2		2																	2	2	
	#12 Ground		1		1		1				1			1		1																	1	1	
▲	120V/240V																																		
*	RRFB Cable			1		1			1			1			1			2		1		1		1		1		1		1		2	2		

□ Single conductors shall be THW stranded including ground, bond, and service.
▲ Service conductors by APS.
* RRFB cables shall be per Manufacturer's Requirements.

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

RECTANGULAR RAPID FLASHING BEACON PLAN

Registered Professional Engineer — Certificate No. 74188 — GABRIELLE AMADO — Date Signed 07/07/23 — ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-09.01
TRACS NO. SZ041 01C	FLO-0(201)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.	FLO-0(201)T	124	156	
		0000 PN FLO			

ADOT PAVEMENT MARKING NOTES:

1. Final striping shall be 90 mil (0.090 inches) thick alkyd extruded thermoplastic reflectorized striping placed over the existing striping, placed at a minimum of 30 calendar days after the initial striping. All other markings shall be applied at the same time.
2. At the completion of the final pavement surface each day, center line, lane lines, edge lines and stop bars shall be striped with one application of standard reflectorized traffic paint at the locations of the permanent striping. The paint shall have a maximum thickness of 15 mils wet (5 mils dry).
3. The Contractor shall offset the chip seal markers or remove the markers immediately prior to applying the final striping so that the markers will not interfere with the application of the final pavement markings.
4. All reflective raised/recessed 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.
5. All reflective/recessed pavement markers shall have an abrasion-resistant coating on the face of the prismatic reflectors and shall conform to details M-18 or M-19 of the ADOT Standard Drawings. The shall be installed with a bituminous adhesive which is on the ADOT Approved Products List.
6. Where raised/recessed pavement markers are placed along solid striping, the nearest edge of each marker shall be offset two inches from the nearest edge of the stripe.
7. 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 I, II, or III pavement marking tape. Type I tape shall not be installed if rain is anticipated 48 hours prior to or after intended installation date.
8. Single arrow, freeway arrows, and "ONLY" legends shall be installed in accordance with ADOT Standard Drawings.
9. All final stop bars, crosswalk lines, pavement arrows, and "ONLY" legends shall be 90 mil (0.090 inch) thick, extruded thermoplastic reflectorized pavement markings.
10. It is the Contractor's responsibility to ensure that the final surface course is placed so that the striping is offset one foot clear of any construction joint, unless otherwise directed by the Engineer.
11. 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. Final Striping Layout shall be approved prior to placement of the Final Pavement Markings. The Contractor shall contact Xavier Casillas at 520-838-2828 or David Lee at 520-838-2827 at least 7 days prior to final striping operations.
12. The Contractor shall break the center lines and edge lines adjacent to turnouts across any intersections with dedicated roadways or as directed by the Engineer. In addition, the Contractor shall not place any center lines within 10 feet of the nearest edge of pavement of the intersecting roadway.
13. 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.
14. The Contractor shall preserve all roadway signs, sign supports, object markers, and milepost markers. The Contractor shall replace any signs, sign supports or markers damaged as a result of the construction at the Contractor's expense.

PAVEMENT MARKING QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES	4" EQUIVALENT
7040005	PAVEMENT MARKING (WHITE EXTRUDED THERMOPLASTIC) (0.090")	L.FT.	4,610	9,420
7040006	PAVEMENT MARKING (YELLOW EXTRUDED THERMOPLASTIC) (0.090")	L.FT.	7,160	10,740
7040072	PAVEMENT MARKING (TRANSVERSE) (THERMOPLASTIC) (ALKYD) (0.090")	L.FT.	1,680	7,440
7040073	PAVEMENT LEGEND (EXTRUDED THERMOPLASTIC) (ALKYD) (0.090")	EACH	5	-
7040074	PAVEMENT SYMBOL (EXTRUDED THERMOPLASTIC) (ALKYD) (0.090")	EACH	32	-
7060013	PAVEMENT MARKER, RAISED, TYPE C	EACH	70	-
7060015	PAVEMENT MARKER, RAISED, TYPE D	EACH	110	-
7080201	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED) (WHITE)	L.FT.	6,290	16,860
7080202	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED) (YELLOW)	L.FT.	7,160	10,740
7080206	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED SYMBOL) (ARROW)	EACH	32	-
7080207	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED LEGEND) (YIELD LINE)	EACH	9	-
7080208	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED LEGEND) (ONLY)	EACH	5	-
7080301	PAINT BULL NOSE	EACH	4	-
9240120	MISCELLANEOUS WORK (EXTRUDED THERMOPLASTIC SYMBOL) (YIELD LINE)	EACH	9	-

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

PAVEMENT MARKING GENERAL NOTES AND QUANTITIES

Registered Professional Engineer — CERTIFICATE NO. 74188 GABRIELLE AMADO — Date Signed 07/07/23 — ARIZONA, U.S.A.

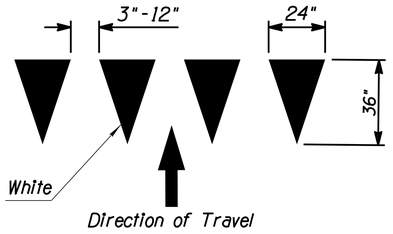
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-10.01
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

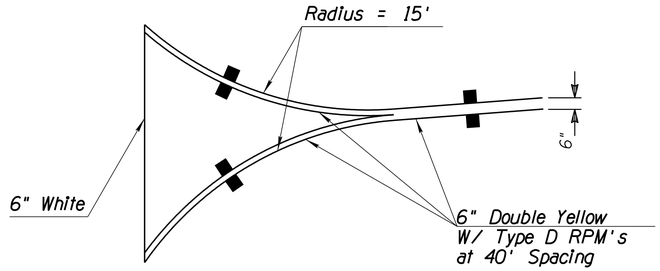
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	125	156	
		0000 PN FLO			

CONSTRUCTION NOTES:

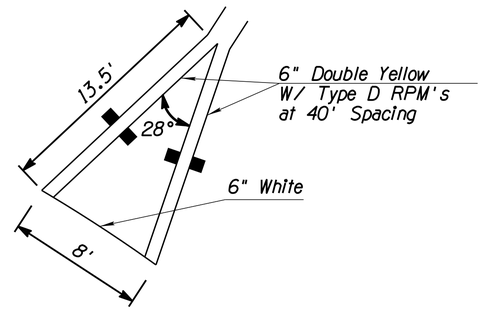
1. *Thermoplastic right turn arrow per ADOT Standard Details M-10 and M-11.*
2. *Thermoplastic left turn arrow per ADOT Standard Details M-10 and M-11.*
3. *Thermoplastic left/through arrow per ADOT Standard Details M-10 and M-11.*
4. *Thermoplastic through/right turn arrow per ADOT Standard Details M-10 and M-11.*
5. *Thermoplastic straight arrow per ADOT Standard Details M-10 and M-11.*
6. *Thermoplastic lane reduction arrow per ADOT Standard Detail M-10.*
7. *Thermoplastic ONLY symbol per ADOT Standard Detail M-11.*
8. *Thermoplastic bike symbol per Detail PM1 and Figure 9C-3 of the MUTCD.*
9. *Paint crosswalk per Detail PM2.*
10. *Thermoplastic yield line per Detail PM3.*
11. *Paint median nose per ADOT Standard M-1.*
12. *Paint median striping per Detail PM4.*
13. *Install chevron pavement markings per Detail PM5.*
14. *Paint median striping per Detail PM7.*
15. *Install chevron pavement markings per Detail PM6.*



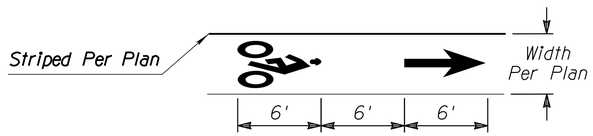
DETAIL PM3: YIELD LINE LAYOUT DETAIL



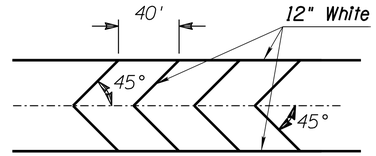
DETAIL PM4: PAINTED MEDIAN 1



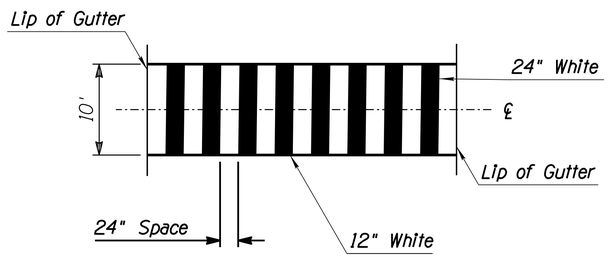
DETAIL PM7: PAINTED MEDIAN 2



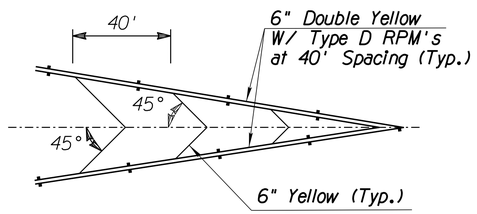
DETAIL PM1: BIKE SYMBOL LAYOUT DETAIL



DETAIL PM5: CHEVRON MARKING DETAIL 1



DETAIL PM2: CROSSWALK DETAIL
(Centered on Ramps)



DETAIL PM6: CHEVRON MARKING DETAIL 2

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

PAVEMENT MARKING DETAILS

ROUTE: SR 287 | LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

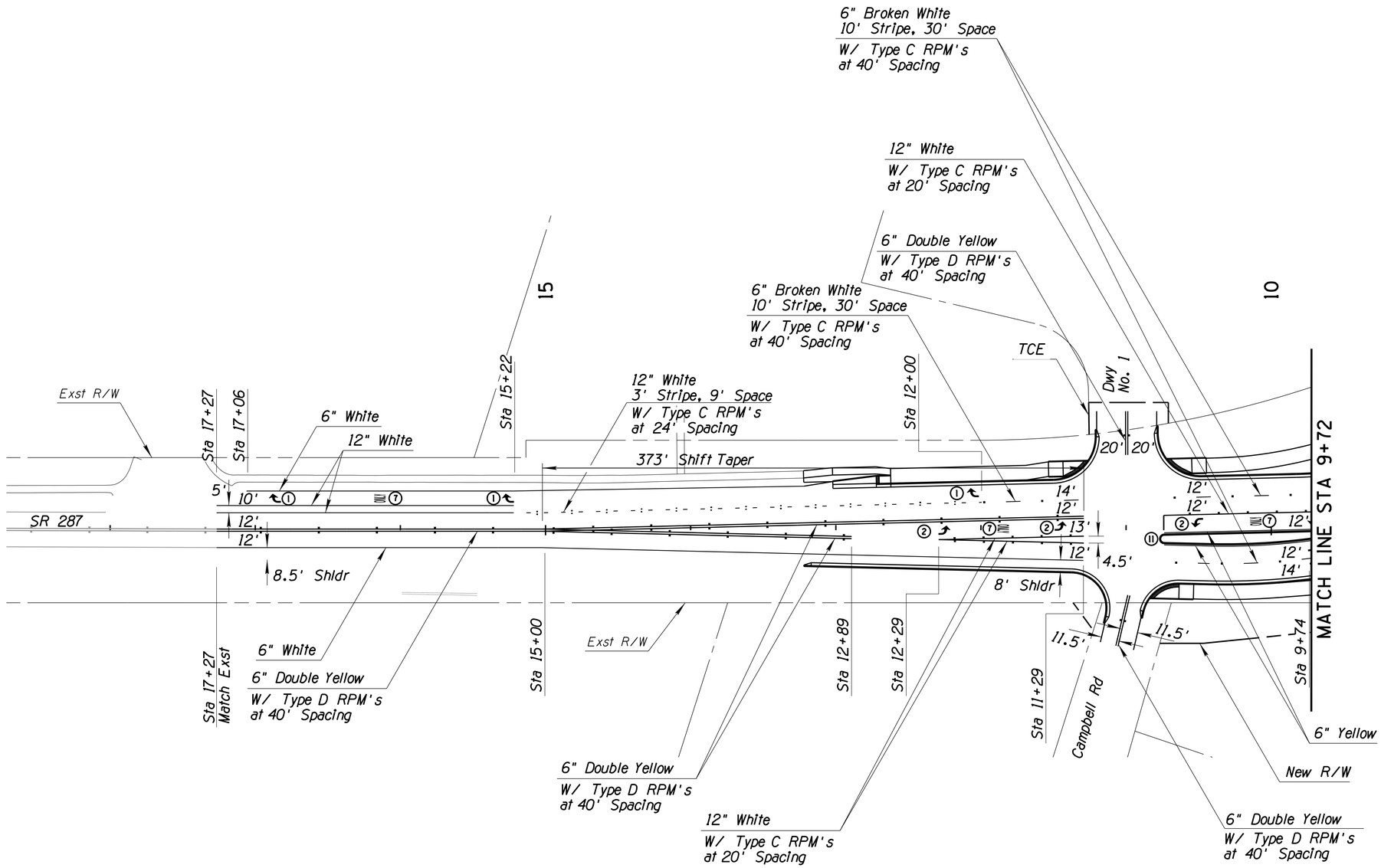
DWG NO. T-10.02

___ OF ___

REGISTERED PROFESSIONAL ENGINEER — CERTIFICATE NO. 74188 — GABRIELLE AMADO — Date Signed 07/17/23 — ARIZONA, U.S.A.

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	126	156	
		0000 PN FLO			



	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

PAVEMENT MARKING PLANS
PROJECT LIMITS TO STA 9+72

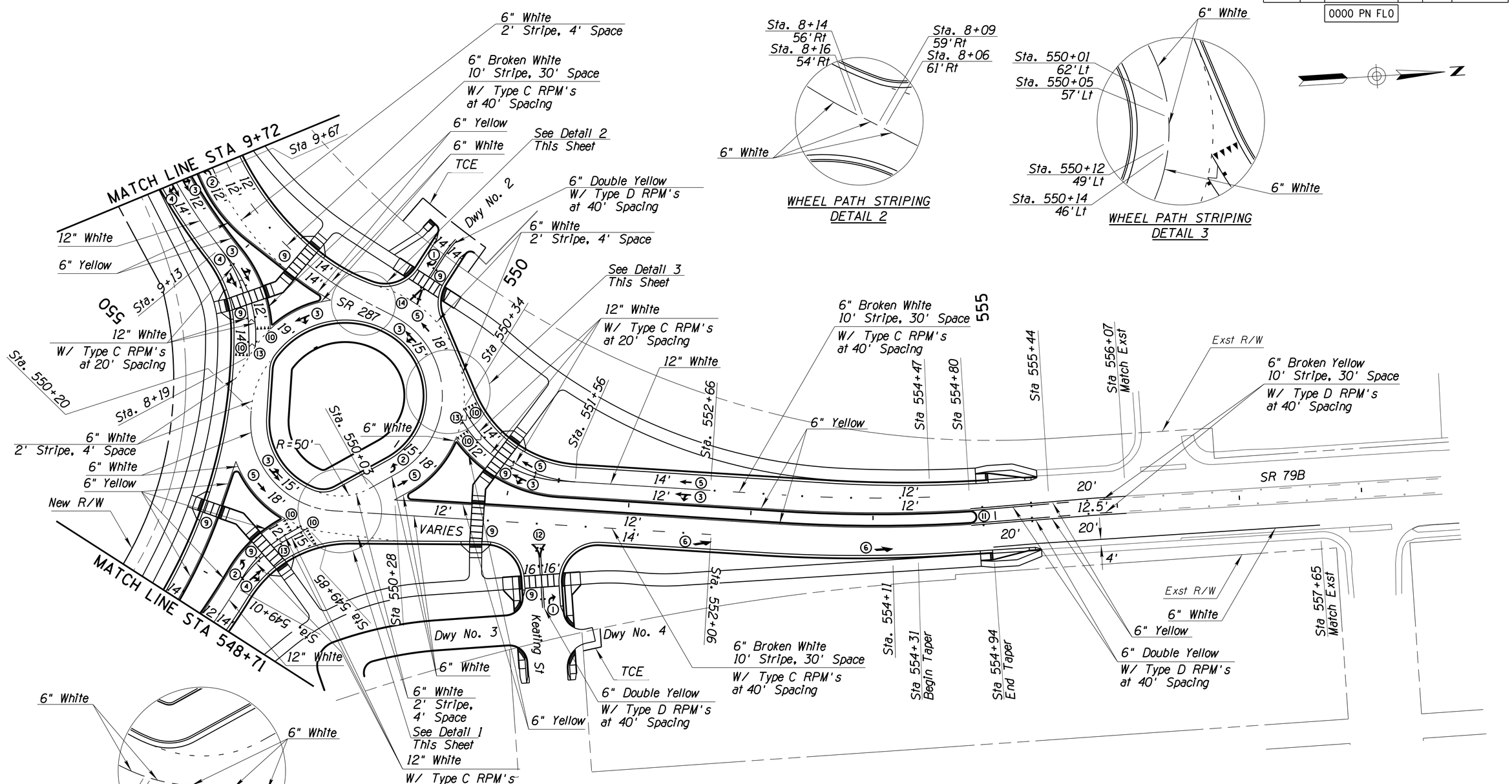
Registered Professional Engineer
CERTIFICATE NO.
74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-11.01
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

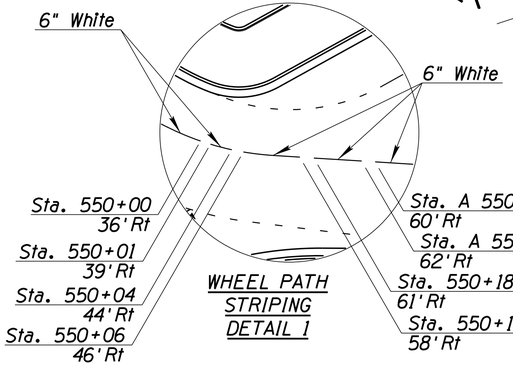
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	127	156	

0000 PN FLO



WHEEL PATH STRIPING
DETAIL 2

WHEEL PATH STRIPING
DETAIL 3



WHEEL PATH
STRIPING
DETAIL 1

	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

PAVEMENT MARKING PLANS
STA 9+72 TO 548+71

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

Registered Professional Engineer
Certificate No. 74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

DWG NO. T-11.02

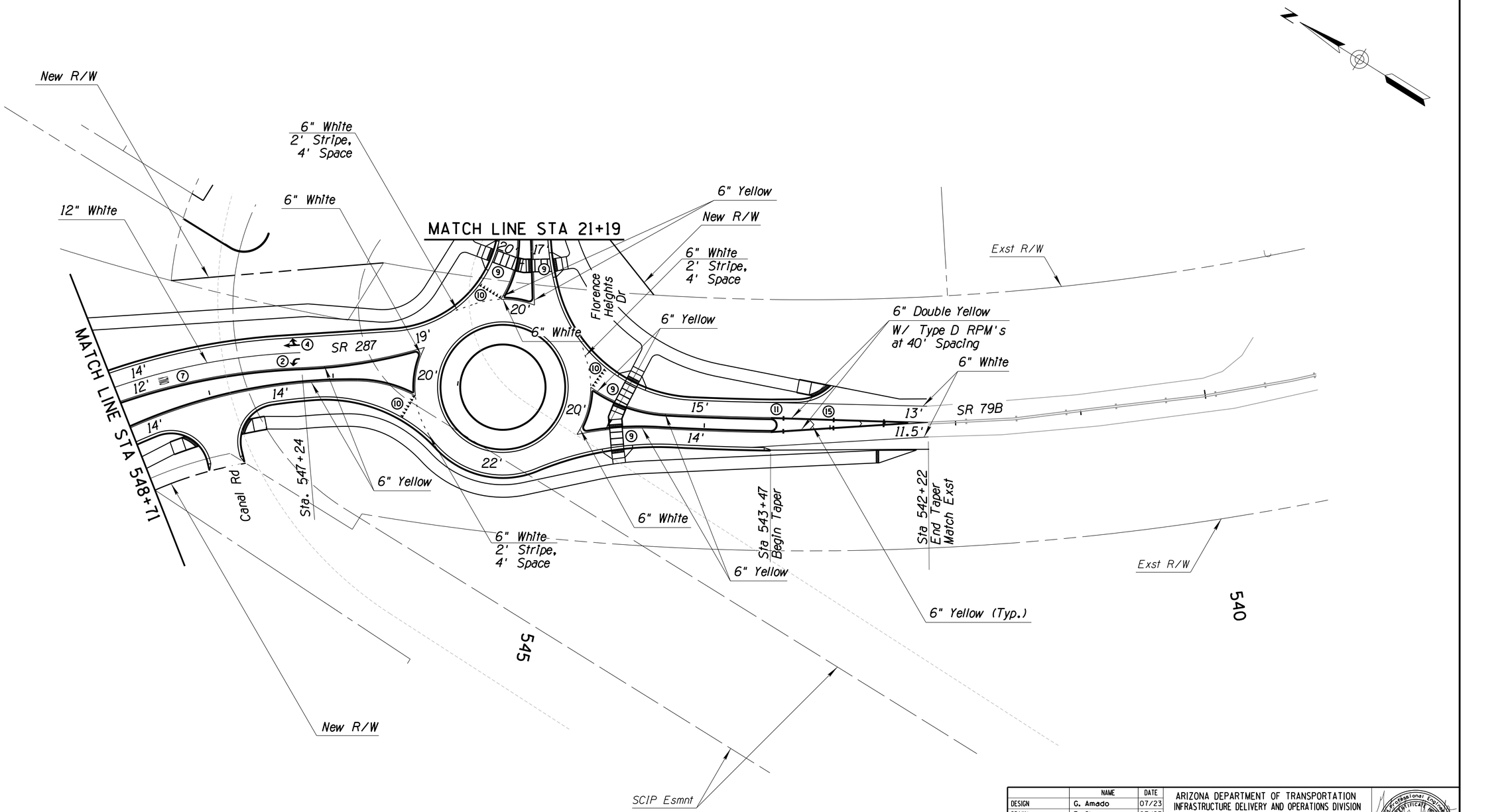
___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	128	156	

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DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

PAVEMENT MARKING PLANS
STA 548+71 TO PROJECT LIMITS

Registered Professional Engineer
CERTIFICATE NO.
74188
GABRIELLE
AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-11.03

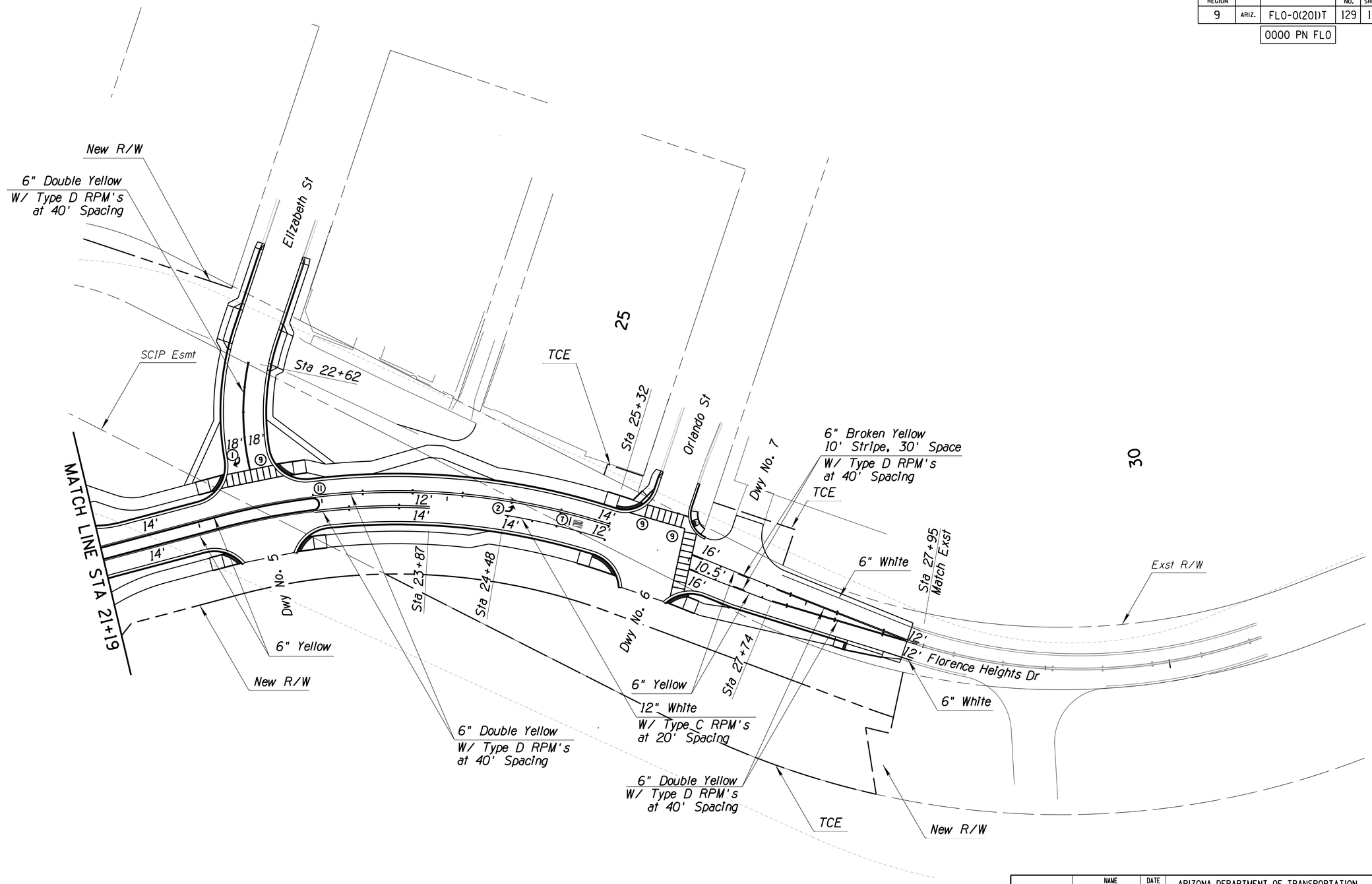
TRACS NO.			SHEET NO.
SZ041 01C		FLO-0(201)T	___ OF ___

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

8:04:16 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\SIGNING AND MARKING\SZ041_T07.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	129	156	
		0000 PN FLO			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



	NAME	DATE
DESIGN	G. Amado	07/23
DRAWN	E. Cheng	07/23
CHECKED	L. Bearat	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

PAVEMENT MARKING PLANS
STA 21+19 TO PROJECT LIMITS

Registered Professional Engineer
CERTIFICATE NO.
74188
GABRIELLE AMADO
Date Signed 07/07/23
ARIZONA, U.S.A.

ROUTE	LOCATION	
SR 287	SR 287 & SR 79B ROUNDABOUTS	
TRACS NO. SZ041 01C		FLO-0(201)T

DWG NO. T-11.04
___ OF ___

8:04:18 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\TRAFFIC\SIGNING AND MARKING\SZ041_T08.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	130	156	
		0000 PN FLO			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

LIGHTING GENERAL NOTES:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

24. ALL NEW TYPE 'G' LIGHT POLES SHALL BE ALUMINUM.

	NAME	DATE
DESIGN	D. Mara	07/23
DRAWN	D. Mara	07/23
CHECKED	M. Colombo	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

LIGHTING GENERAL NOTES

Registered Professional Engineer Certificate No. 50368 MICHAEL A. COLOMBO Date Signed 07/07/2023 Arizona, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-12.01

TRACS NO.			SHEET NO.
SZ041 01C		FLO-0(201)T	___ OF ___

8:04:20 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\LIGHTING\SZ041_CS01.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	131	156	
		0000 PN FLO			

LIGHTING CONSTRUCTION NOTES:

1. REMOVE OVERHEAD LIGHTING CONDUCTORS, COORDINATE WITH APS.
2. ABANDON EXISTING CONDUIT; REMOVE EXISTING CONDUCTORS, IF ANY.
3. REMOVE EXISTING PULL BOX.
4. INSTALL *4B PULL BOX PER ADOT STD DTL T.S. 4-8.
5. INSTALL *6B PULL BOX PER ADOT STD DTL T.S. 4-8.
6. NEW ADOT 240/480V, 1PH TYPE IV LIGHTING LOAD CENTER WITH METER SOCKET AND SERVICE DISCONNECT PER ADOT STANDARD DRAWING T.S. 3-2.
7. REMOVE EXISTING POLE AND LUMINAIRE. REMOVE FOUNDATION 2' BELOW SURFACE OF SIDEWALK OR UNIMPROVED GRADE.

LIGHTING SYMBOLS LEGEND:

- HORIZONTAL MOUNT LED LUMINAIRE ON AL MAST ARM
- ADOT NO. 4b PULL BOX
- ADOT NO. 6b PULL BOX
- LOAD CENTER CABINET / METER PEDESTAL
- CONDUIT RUN
- IR — IRRIGATION UTILITY
- G — GAS UTILITY
- T — TELEPHONE UTILITY
- FOT — FIBER OPTIC UTILITY
- W — WATER UTILITY
- SD — STORM DRAIN UTILITY
- S — SEWER UTILITY
- OP — OVERHEAD POWER UTILITY
- P — UNDERGROUND POWER UTILITY
- SL — UNDERGROUND SITE LIGHTING
- FMS — FREEWAY MANAGEMENT SYSTEM UTILITY



A = POLE / LUMINAIRE NUMBER
B = LOAD CENTER
C = CIRCUIT NUMBER



X = CONDUIT AND CONDUCTOR IDENTIFICATION

GENERAL CONSTRUCTION NOTES:

CONTRACTOR TO CONTACT SHANE ALDEN OF ADOT SOUTHERN REGION TRAFFIC OPERATIONS AT (520)-838-2841 TO SCHEDULE FINAL INSPECTIONS AND ACTIVIATION OF THE NEW LIGHTING CIRCUITS AT LEAST 7 DAYS IN ADVANCE. THE CONTRACTOR MAY ALSO CONTACT JESUS VALDEZ, CREW SUPERVISOR AT (520)-307-1753.

STREET LIGHTING ABBREVIATIONS:

ADOT	ARIZONA DEPARTMENT OF TRANSPORTATION	HM	HIGH MAST
APS	ARIZONA PUBLIC SERVICE	J-BOX	JUNCTION BOX
CONST	CONSTRUCTION	LED	LIGHT EMITTING DIODE
DWG	DRAWING	NEC	NATIONAL ELECTRICAL CODE
EXST	EXISTING	NO.	NUMBER
FMS	FREEWAY MANAGEMENT SYSTEM	TCE	TEMPORARY CONSTRUCTION EASEMENT

	NAME	DATE
DESIGN	D. Mara	07/23
DRAWN	D. Mara	07/23
CHECKED	M. Colombo	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

LIGHTING CONSTRUCTION NOTES

Registered Professional Engineer's Seal — CERTIFICATE NO. 50368 — MICHAEL A. COLOMBO — Date Signed 07/07/23 — ARIZONA, U.S.A.

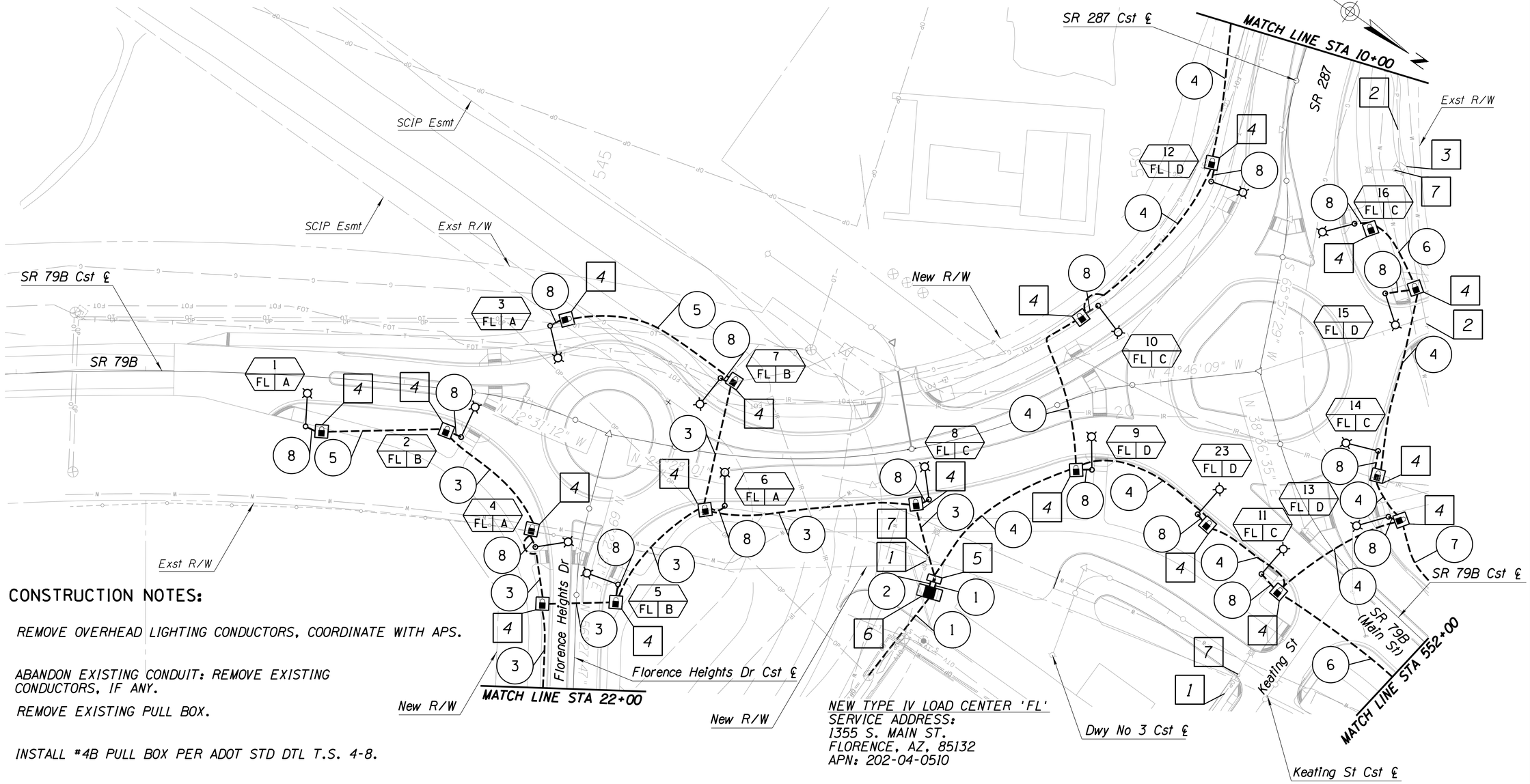
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-12.02

TRACS NO.			SHEET
SZ041 01C		FLO-0(201)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.	FLO-0(201)T	132	156	

0000 PN FLO



LIGHTING CONSTRUCTION NOTES:

1. REMOVE OVERHEAD LIGHTING CONDUCTORS, COORDINATE WITH APS.
2. ABANDON EXISTING CONDUIT: REMOVE EXISTING CONDUCTORS, IF ANY.
3. REMOVE EXISTING PULL BOX.
4. INSTALL #4B PULL BOX PER ADOT STD DTL T.S. 4-8.
5. INSTALL #6B PULL BOX PER ADOT STD DTL T.S. 4-8.
6. NEW ADOT 240/480V, 1PH TYPE IV LIGHTING LOAD CENTER WITH METER SOCKET AND SERVICE DISCONNECT PER ADOT STANDARD DRAWING T.S. 3-2.
7. REMOVE EXISTING POLE AND LUMINAIRE. REMOVE FOUNDATION 2' BELOW SURFACE OF SIDEWALK OR UNIMPROVED GRADE.

	NAME	DATE
DESIGN	D. Mara	07/23
DRAWN	D. Mara	07/23
CHECKED	M. Colombo	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 79B & FLORENCE HEIGHTS DR
LIGHTING PLAN

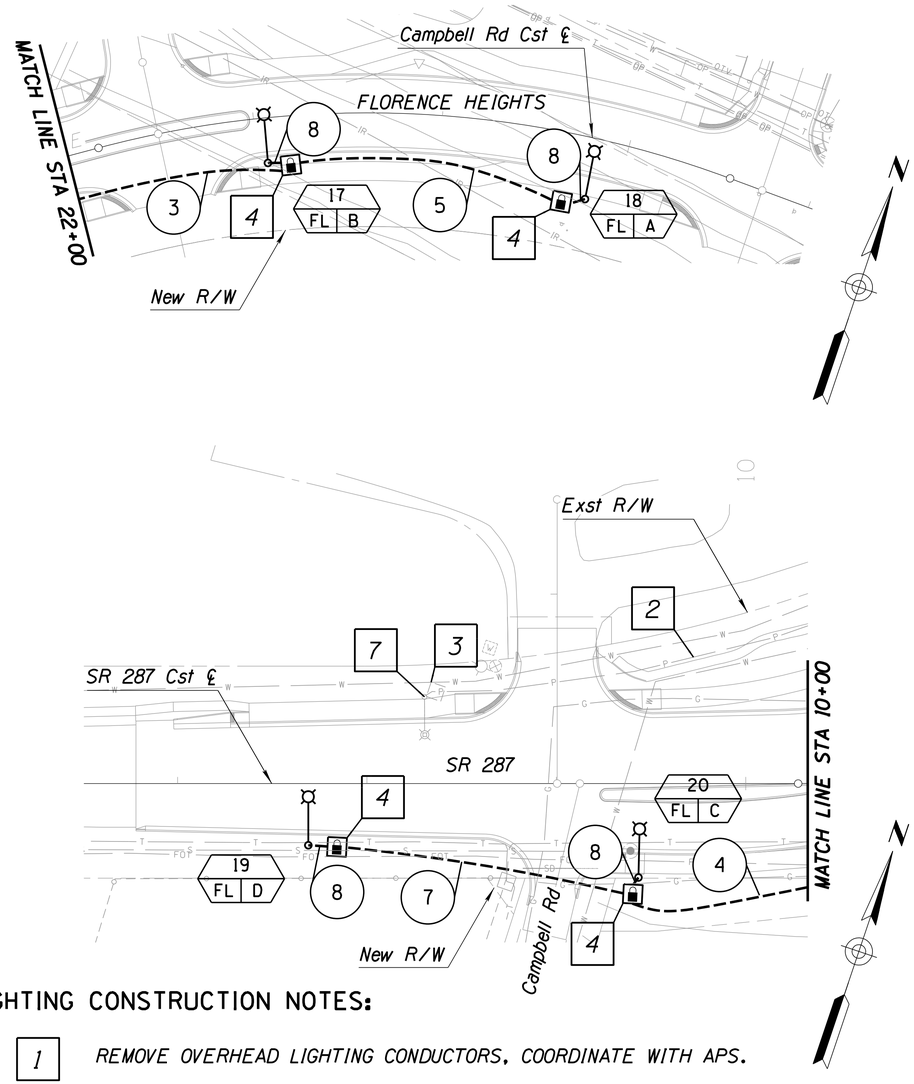
Registered Professional Engineer's Certificate 50368 MICHAEL A. COLOMBO Date Signed 07/07/23 ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-13.01

TRACS NO.		FLO-0(201)T	___ OF ___
SZ041 01C			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	133	156	
		0000 PN FLO			



LIGHTING CONSTRUCTION NOTES:

1	REMOVE OVERHEAD LIGHTING CONDUCTORS. COORDINATE WITH APS.
2	ABANDON EXISTING CONDUIT: REMOVE EXISTING CONDUCTORS, IF ANY.
5	REMOVE EXISTING PULL BOX.
6	INSTALL #4B PULL BOX PER ADOT STD DTL T.S. 4-8.
9	REMOVE EXISTING POLE AND LUMINAIRE. REMOVE FOUNDATION 2' BELOW SURFACE OF SIDEWALK OR UNIMPROVED GRADE.

	NAME	DATE
DESIGN	D. Mara	07/23
DRAWN	D. Mara	07/23
CHECKED	M. Colombo	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 287 & 79B
LIGHTING PLAN

Registered Professional Engineer's Certificate No. 50368 MICHAEL A. COLOMBO Date Signed 07/07/23 ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-13.02
TRACS NO. SZ041 01C	FLO-0(201)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.	FLO-0(201)T	134	156	

0000 PN FLO

LOAD CENTER POLE AND LUMINAIRE SCHEDULE

POLE NO.	ROADWAY	STATION	OFFSET (FT.)	LOAD CENTER CABINET	CIRCUIT	POLE TYPE	MOUNTING HEIGHT	MAST ARM	FOUNDATION TYPE	LUMINAIRE TYPE	FIXTURE QUANTITY	LUMINAIRE WATTAGE	LUMINAIRE DSIT. TYPE	LUMENS	CCT	NOTES
1	SR 79B	543+26.23	38.76	FL	A	NEW TYPE G	30 FT	20' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
2	SR 79B	544+48.97	35.66	FL	B	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
3	SR 79B	544+97.48	62.53	FL	A	NEW TYPE G	30 FT	20' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
4	FLORENCE HEIGHTS	20+94.72	35.26	FL	A	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
5	FLORENCE HEIGHTS	21+16.96	32.01	FL	B	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
6	SR 79B	546+59.11	39.48	FL	A	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
7	SR 79B	546+43.43	57.62	FL	B	NEW TYPE G	30 FT	20' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
8	SR 79B	548+05.38	41.38	FL	C	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
9	SR 79B	549+24.09	56.54	FL	D	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
10	SR 79B	549+63.31	64.60	FL	C	NEW TYPE G	30 FT	20' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
11	SR 79B	550+88.74	63.10	FL	C	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE, HOUSE SIDE SHIELD
12	SR 287	8+87.43	42.50	FL	D	NEW TYPE G	30 FT	20' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
13	SR 79B	551+06.16	49.71	FL	D	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
14	SR 79B	550+43.33	69.56	FL	C	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
15	SR 287	8+23.04	83.32	FL	D	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
16	SR 287	8+63.68	51.95	FL	C	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
17	FLORENCE HEIGHTS	23+05.46	23.88	FL	B	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
18	FLORENCE HEIGHTS	24+83.56	32.53	FL	A	NEW TYPE G	30 FT	20' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
19	SR 287	12+31.00	32.71	FL	D	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
20	SR 287	10+56.59	49.57	FL	C	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
21	SR 79B	552+74.20	35.69	FL	C	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE, HOUSE SIDE SHIELD
22	SR 79B	554+64.24	42.27	FL	D	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE
23	SR 79B	550+22.06	42.27	FL	D	NEW TYPE G	30 FT	10' TAPERED	NEW TYPE G BREAKAWAY	LED	1	215 W	TYPE III	26,880	3000K	PROVIDE NEW FIXTURE(S) ON NEW POLE & TYPE II BREAKAWAY BASE

	NAME	DATE
DESIGN	D. Mara	07/23
DRAWN	D. Mara	07/23
CHECKED	M. Colombo	07/23

Kimley»Horn

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

POLE AND
LUMINAIRE SCHEDULE

Registered Professional Engineer — Certificate No. 50368 — Michael A. Colombo — Date Signed 12/31/2023 — Arizona, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-14.01

TRACS NO. SZ041 01C | FLO-0(201)T | ____ OF ____

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

8:04:30 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\LIGHTING\SZ041_DETAILS01.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	135	156	
		0000 PN FLO			

CONDUIT AND CONDUCTOR SCHEDULE FOR SR-287 & 79B ROUNDABOUTS

ADOT LOAD CENTER CONDUIT AND CONDUCTOR SCHEDULE 'FL'

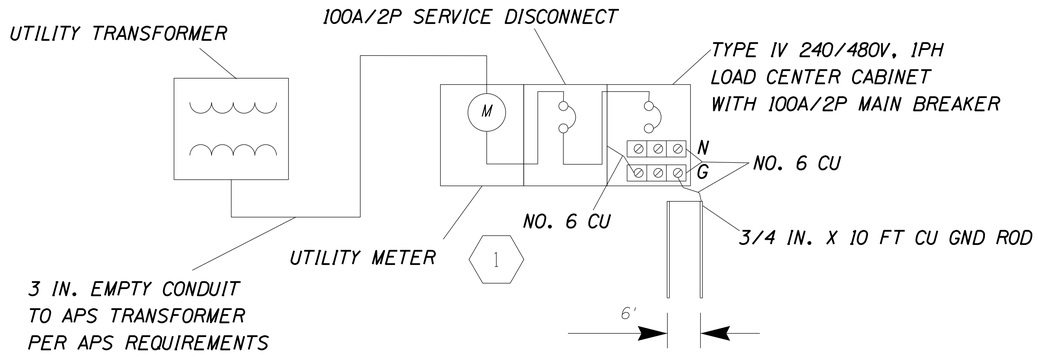
	CONDUIT RUN NUMBER	1	2	3	4	5	6	7	8
	CONDUIT SIZE IN INCHES	3	2	2	2	2	2	2	1
AWG									
#8	CIRCUIT A		2	2		2			
	CIRCUIT B		2	2					
	CIRCUIT C		2		2		2		
	CIRCUIT D		2		2			2	
#8	INSULATED BOND								
#12	TYPICAL LIGHTING CIRCUIT PULL BOX TO LIGHT POLE								2
#12	INSULATED BOND								
	PULL TAPE								

SR-287 & 79B ADOT LOAD CENTER SUMMARY

LOAD CENTER No: 'FL'
LOAD CENTER LOCATION: STA: 547+95.57 OFF: 113.02
LOAD CENTER MAINTENANCE NUMBER:
LOAD CENTER TYPE: IV
LOAD CENTER XFMR SIZE: N/A
MAIN CIRCUIT BREAKER: 100A/2P

CIR NO	CK BKR	STATUS	BKR AMPS	CONDUCTOR SIZE	OUTPUT VOLTS	LOAD AMPS
A	A	NEW	20	8	480	2.240
B	B	NEW	20	8	480	1.792
C	C	NEW	20	8	480	3.135
D	D	NEW	20	8	480	2.688
	Spare					
	Spare					
					LOAD AMPS	9.854
					CONTINUOUS LOAD (125%)	2.464
					SERVICE AMPS	12.318
					POWER (kW)	5.91

SERVICE AMPS 12.318



SINGLE LINE DIAGRAM

KEYED NOTES:

1. CONTRACTOR SHALL ADD "480 VAC" LABEL INSIDE OF METER SOCKET AREA.

	NAME	DATE
DESIGN	D. Mara	07/23
DRAWN	D. Mara	07/23
CHECKED	M. Colombo	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

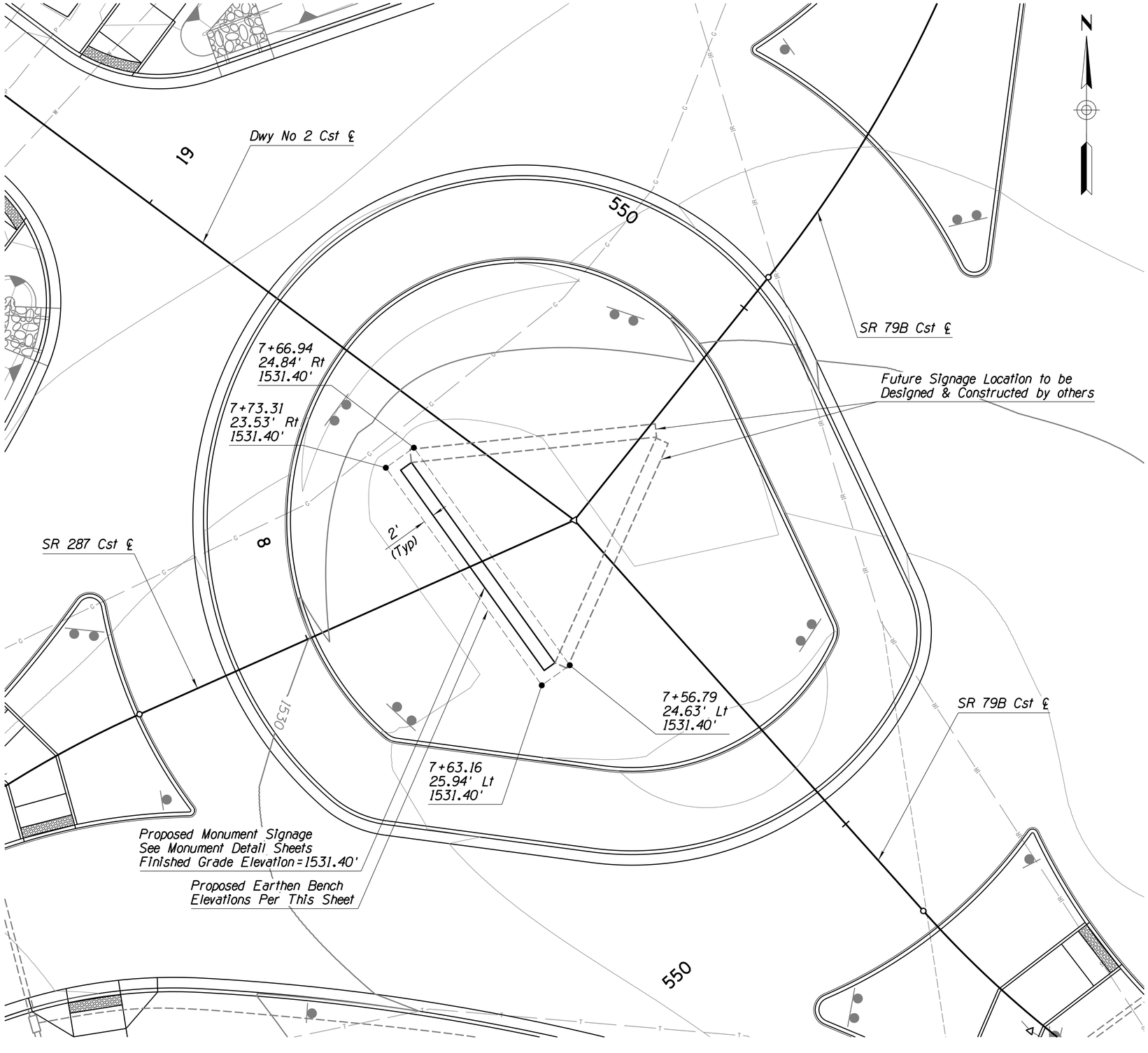
CONDUIT/CONDUCTOR SCHEDULE, LOAD CENTER TABLE & SINGLE LINE DIAGRAM

Registered Professional Engineer — Certificate No. 50368 — MICHAEL A. COLOMBO — Date Signed 07/07/23 — ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	T-14.02
TRACS NO. SZ041 01C	FLO-0(201)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.	FLO-0(201)T	136	156	
		0000 PN FLO			



NOTES:

1. *Location information provided for general reference only. Final location to be determined in the field with the Resident Engineer. See civil plans for grading information.*
2. *Station and offsets reference the SR 287 Cst ℄ unless otherwise noted.*

DETAIL H1

MONUMENT SIGN STAKING PLAN

0' 5' 10 15' 20'

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

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INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

NORTHERN ROUNDABOUT
MONUMENT STAKING
DETAIL SHEET

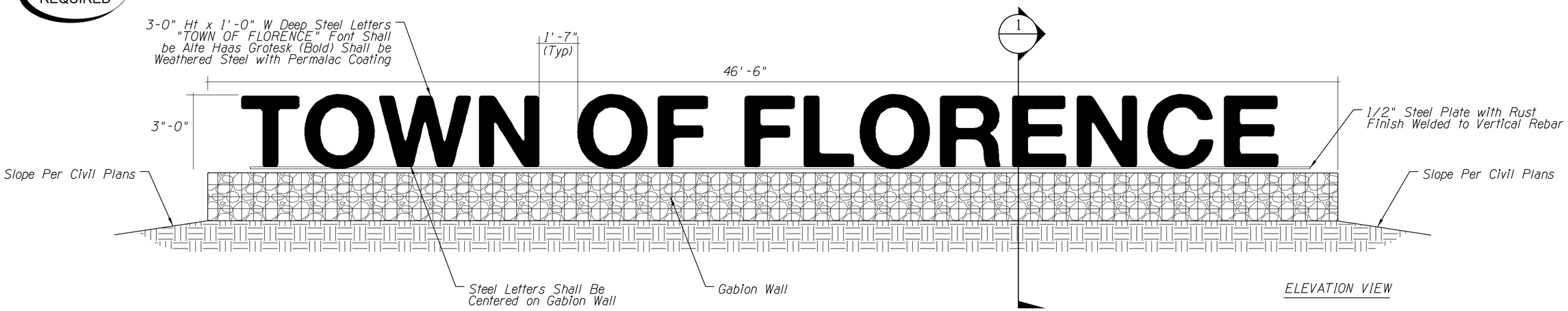
REGISTERED LANDSCAPE ARCHITECT
50615
ANNE S. DeBOARD
Date Signed 07/07/2023
ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	R-01.01
TRACS NO. SZ041 01C	FLO-0(201)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.	FLO-0(201)T	137	156	
		0000 PN FLO			

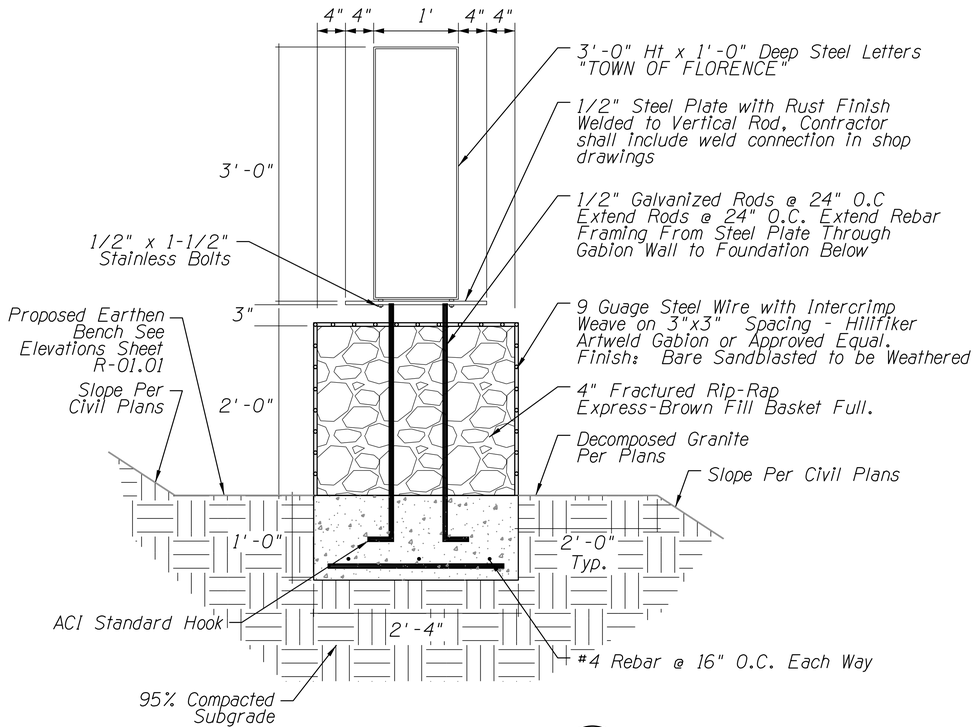
SHOP DRAWING REQUIRED



ELEVATION VIEW

NOTES:

1. Fabricate & Install One (1) Non-Illuminated set of weathered steel letters. 1/8" Steel Plate Faces. 16 GA Steel Plate Returns.



SECTION 1
Scale: NTS

DETAIL H2

MONUMENT SIGN DETAIL NTS

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

DETAIL H2 MONUMENT SIGN

REGISTERED LANDSCAPE ARCHITECT — 50615 ANNE S. DeBOARD — Date Signed 07/07/2023 — ARIZONA U.S.A.

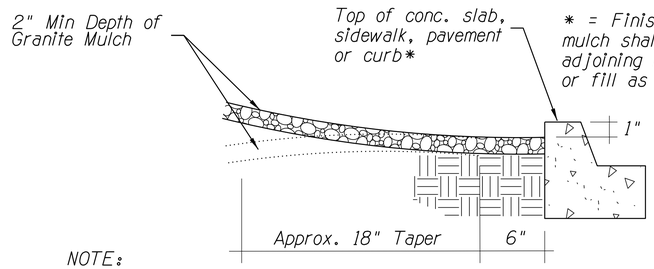
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	R-01.02
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

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.	FLO-0(201)T	138	156	

0000 PN FLO

OVERALL PROJECT INERT MATERIALS SUMMARY			
SYM	DESCRIPTION	UNIT	QUANTITY
	Decomposed Granite *Size: 1-1/2" Screened, Color: Gold*	*SQ. YD*	*19,178*
	Decorative Pavement (Stamped Concrete) *Pattern: Old Chicago Running Bond Brick* *Color: Integrally Colored Sienna by SikaColor or Approved Equal* *Finish: Antiquing Release Color Wheat by SikaColor or Approved Equal* *(See Paving Plans for Individual Median Quantities)*	*SQ. YD*	*1,864*



NOTE:
1. Hold granite mulch 1" below finish grade of adjoining surface for 6" min., then taper granite mulch bottom for approx. 18" to match finished grade or as approved by the RLA

DETAIL L1 *NTS*

GRANITE MULCH/EDGE FINISH

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

INERT MATERIAL SUMMARY & DETAIL L1 GRANITE MULCH / EDGE FINISH

REGISTERED LANDSCAPE ARCHITECT
50615
ANNE S. DeBOARD
Date Signed 07/07/2023
ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	R-02.01

TRACS NO.			SHEET
SZ041 01C		FLO-0(201)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.	FLO-0(201)T	139	156	

0000 PN FLO

QUANTITIES ACCOUNTED FOR ON ALTERNATE SHEET

Dwy No 1 Cst ℄

Dwy No 2 Cst ℄

New TCE

SR 287 Cst ℄

Exst R/W

STA 13+22.00
END PAVING FLO-0(201)T
N 734999.00
E 861629.16

Sunrise Plaza Dr

15

10

PT 9+72.31

PRC 8+94.06

PC 8+34.70

SR 79B Cst ℄

SR 79B Cst ℄

SR 287

Proposed Monument Sign
See Details H1 & H2

Exst R/W

New R/W

Campbell Rd

Campbell Rd Cst ℄

New R/W

QUANTITIES ACCOUNTED FOR ON ALTERNATE SHEET

SYM	DESCRIPTION	QUANTITY
	Decomposed Granite (1-1/2" Screened)	3,407 SY
	Decorative Pavement (See Paving Plans)	232 SY

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 287
INERT MATERIALS PLAN
Sta 7+44 to 13+22

ROUTE: SR 287

LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

REGISTERED LANDSCAPE ARCHITECT
50615
ANNE S. DeBOARD
Date Signed 07/07/2023
ARIZONA U.S.A.

DWG NO. R-03.01

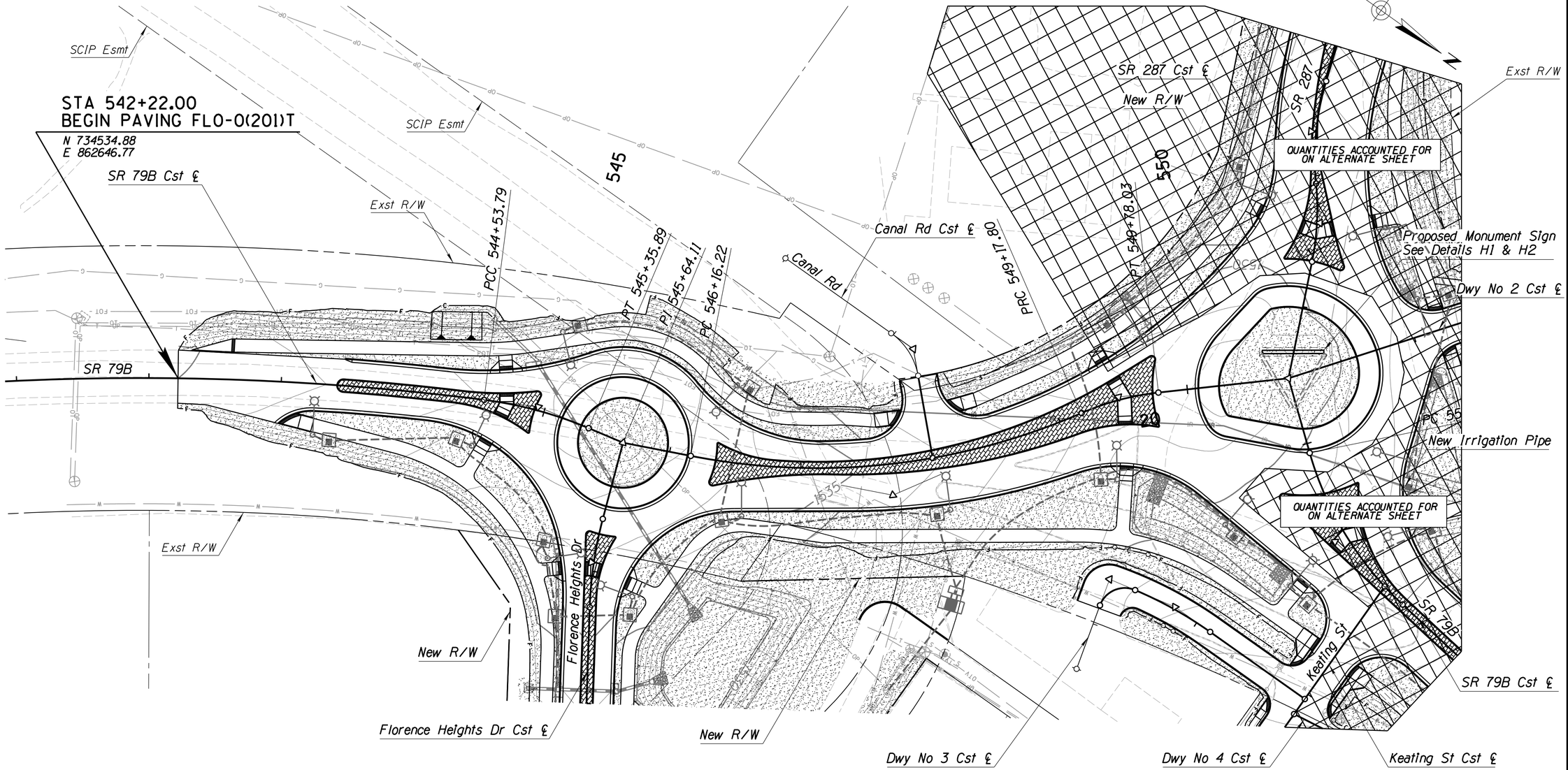
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SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	140	156	
		0000 PN FLO			

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-



SYM	DESCRIPTION	QUANTITY
	Decomposed Granite (1-1/2" Screened)	9,445 SY
	Decorative Pavement (See Paving Plans)	963 SY

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

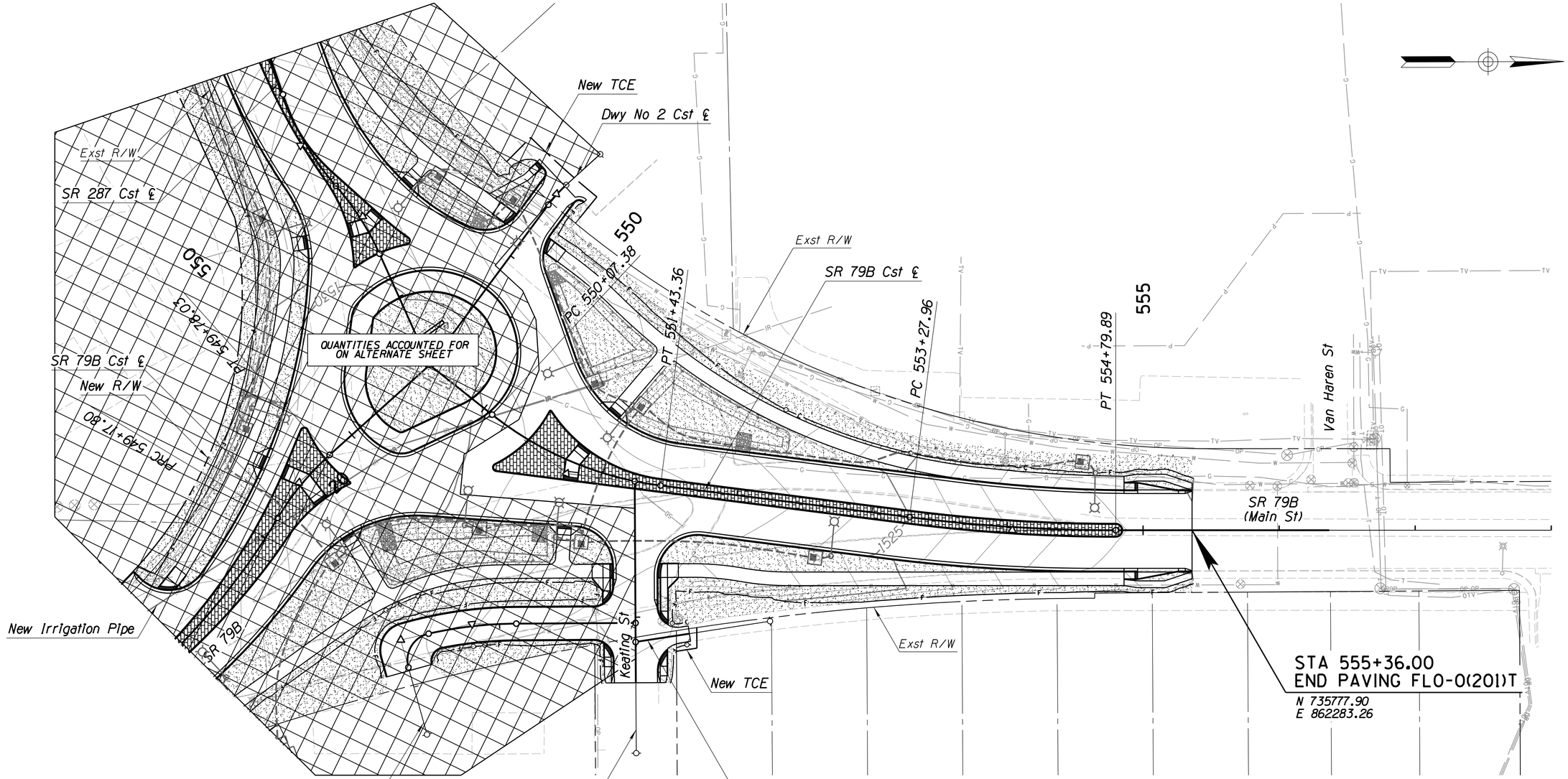
SR 79B
INERT MATERIALS PLAN
Sta 542+22 to 549+49

REGISTERED LANDSCAPE ARCHITECT — 50615 ANNE S. DeBOARD — Date Signed 07/07/2023 — ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	R-03.02
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	141	156	

0000 PN FLO



SYM	DESCRIPTION	QUANTITY
	Decomposed Granite (1-1/2" Screened)	2,879 SY
	Decorative Pavement (See Paving Plans)	577 SY

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 79B
INERT MATERIALS PLAN
Sta 549+49 to 555+36

REGISTERED LANDSCAPE ARCHITECT
50615
ANNE S. DeBOARD
New Signature
ARIZONA U.S.A.

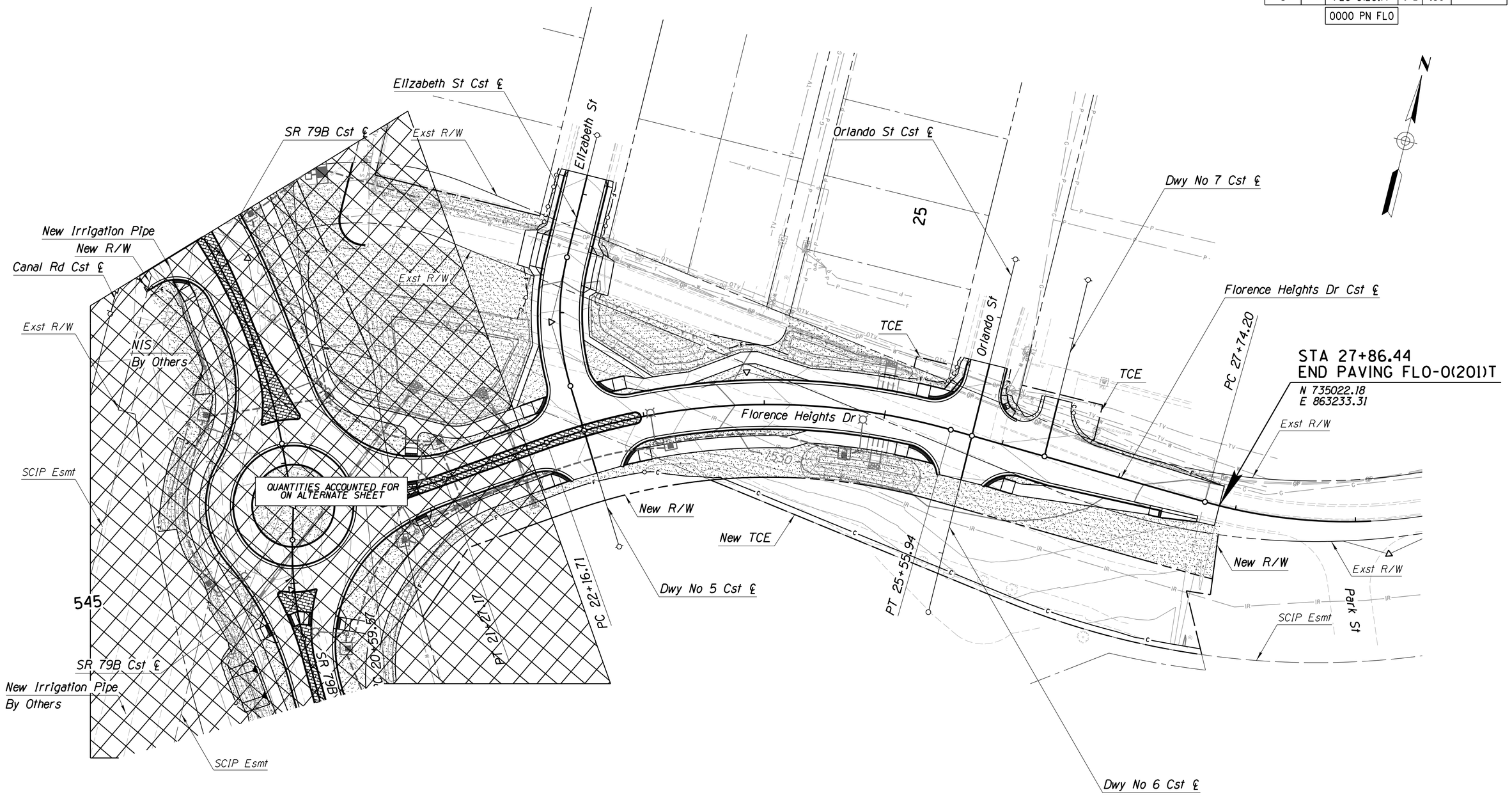
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	R-03.03
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	142	156	
		0000 PN FLO			

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.



SYM	DESCRIPTION	QUANTITY
	Decomposed Granite (1-1/2" Screened)	3,444 SY
	Decorative Pavement (See Paving Plans)	92 SY

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

FLORENCE HEIGHTS DRIVE
INERT MATERIALS PLAN
Sta 20+00 to 27+87

REGISTERED LANDSCAPE ARCHITECT
50615
ANNE S. DeBOARD
Date Signed 07/07/2023
ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	R-03.04
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	143	156	
		0000 PN FLO			

EROSION CONTROL TYPE INSTALLATION & QUANTITY

LOCATION	(SW-E1) Sediment Wattle Slope Protection (LF) 9" Left	(SW-E1) Sediment Wattle Slope Protection (LF) 9" Right	(IP-E2) Curb Inlet Protection 12" Sediment Wattle Left	(IP-E2) Curb Inlet Protection 12" Sediment Wattle Right	(IP-E2) Curb Inlet Protection Gravel Bags Left	(IP-E2) Curb Inlet Protection Gravel Bags Right	(SD-E3) 12" Sediment Wattle Storm Drain Protection (LF) Left	(SD-E3) 12" Sediment Wattle Storm Drain Protection (LF) Right	(RP-E4) Rock Protection Storm Drain Inlet Apron (CY) Left	(RP-E4) Rock Protection Storm Drain Inlet Apron (CY) Right	(RP-E5) Headwall Protection (CY) Left	(RP-E5) Headwall Protection (CY) Right	(CE-E6) Construction Entrance (SY) Left	(CE-E6) Construction Entrance (SY) Right	EROSION CONTROL TOTALS: 9" Sediment Wattle Slope Protection (LF) (SW-E1)	12" Sediment Wattle Storm Drain Protection (LF) (IP-E2)	Gravel Bags Curb Inlet Protection (EC) (IP-E2)	12" Sediment Wattle Storm Drain Protection (LF) (SD-E3)	Rock Protection Storm Drain Inlet Apron (CY) (RP-E4)	Headwall Protection (CY) (RP-E5)	Construction Entrance (SY) (CE-E6)	REMARKS
7+44 to 13+22	491	583	22	33	10	15						1		200	1074	55	25			1	200	
542+22 to 549+49	715	1189		44		20		20		2			200	200	1904	44	20	20	2		400	
549+49 to 555+36	309	430	11		5									200	739	11	5				200	
20+00 to 27+87	502	85	11	11	5	5							200		587	22	10				200	
Construction Entrance Locations*																						
TOTALS	2017	2287	44	88	20	40	0	20	0	2	0	1	400	600	4304	132	60	20	2	1	1000	

SW - 9" Sediment Wattle Slope Protection
SD - 12" Sediment Wattle Storm Drain Area Inlet Protection
IP - 12" Sediment Wattle Storm Drain Curb Inlet Protection
RP - Rock Protection
CE - Construction Entrance *(See Note 1 on Erosion Control Plans)

SW / E1 Reference letters 'SW' correspond to the type of installation. 'E1' corresponds to the plan detail number.

NOTES:
1. The placement of all Erosion Control Devices listed above will be subject to change and may be adjusted by the Resident Engineer.

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

EROSION CONTROL SUMMARY

REGISTERED LANDSCAPE ARCHITECT — 50615 ANNE S. DeBOARD — ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	R-04.01
TRACS NO. SZ041 01C	FLO-0(201)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.	FLO-0(201)T	144	156	
		0000 PN FLO			

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
1221 S. Second Ave
Tucson, Arizona 85713

B. Project TRACS Number: SZ041 01C

C. Project Name/Location (be consistent with the plan set cover sheet): SR 287 & SR 79B Intersection Improvements

City: FLORENCE County: PINAL

Beginning Latitude (NAD 83): 33° 01' 04.21" N

Beginning Longitude (NAD 83): 111° 23' 11.19" W

Ending Latitude (NAD 83): 33° 01' 16.54" N

Ending Longitude (NAD 83): 111° 23' 15.38" 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: New Roundabouts

II. HYDROLOGIC INFORMATION

A. Percentage of the site that is impervious before and after construction:

Percentage before Construction: 70.1%

Percentage after Construction: 76.3%

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)

Gila River

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

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

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CONTROL MEASURE INDEX SHEET

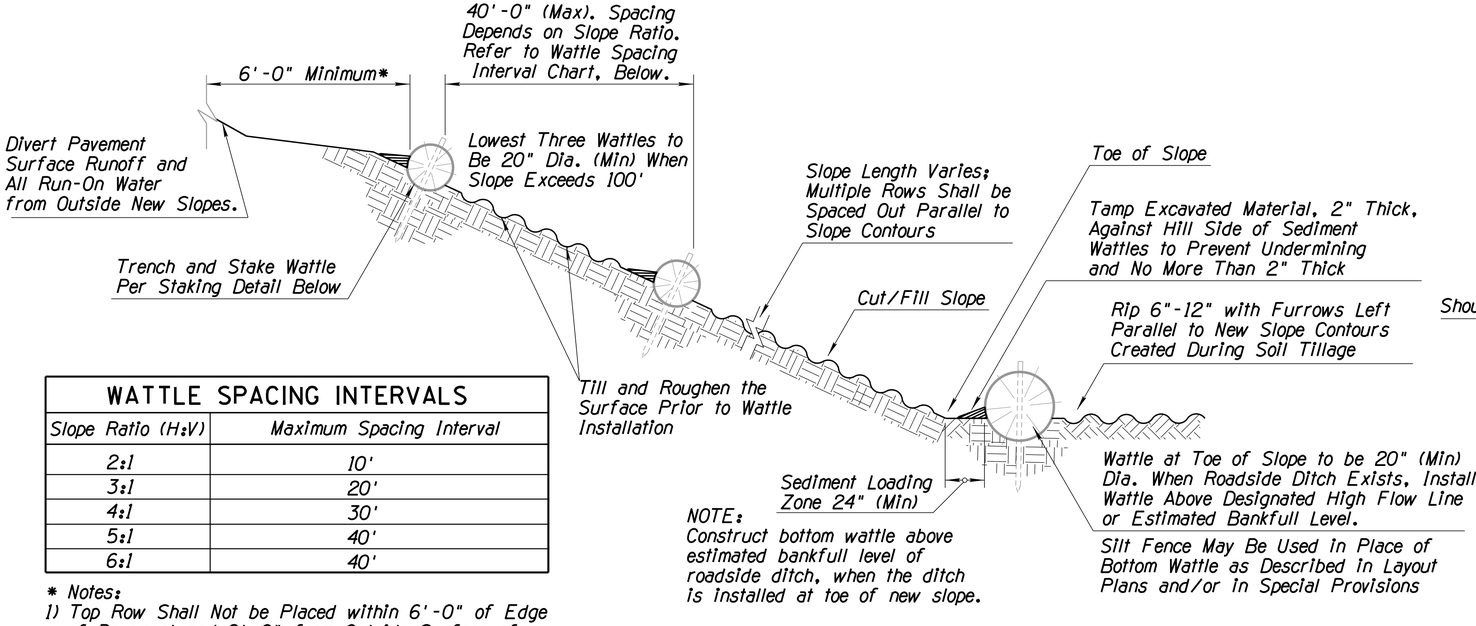
REGISTERED LANDSCAPE ARCHITECT — 50615 — ANNE S. DeBOARD — Date 07/07/2023 — ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	R-04.02
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

8:05:17 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\LANDSCAPE\SZ041_ECSUM2.DGN

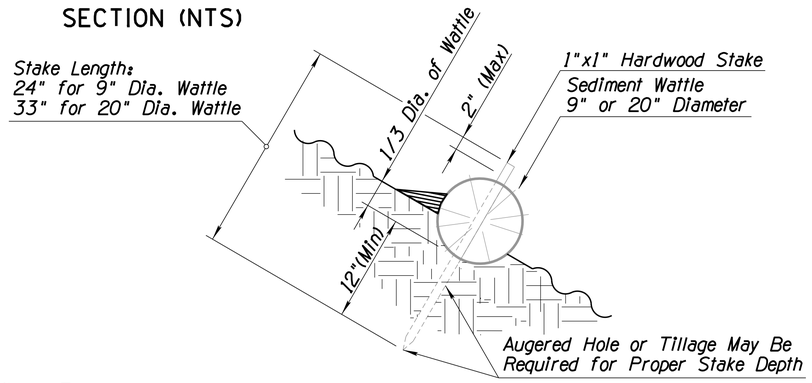
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	145	156	
		0000 PN FLO			



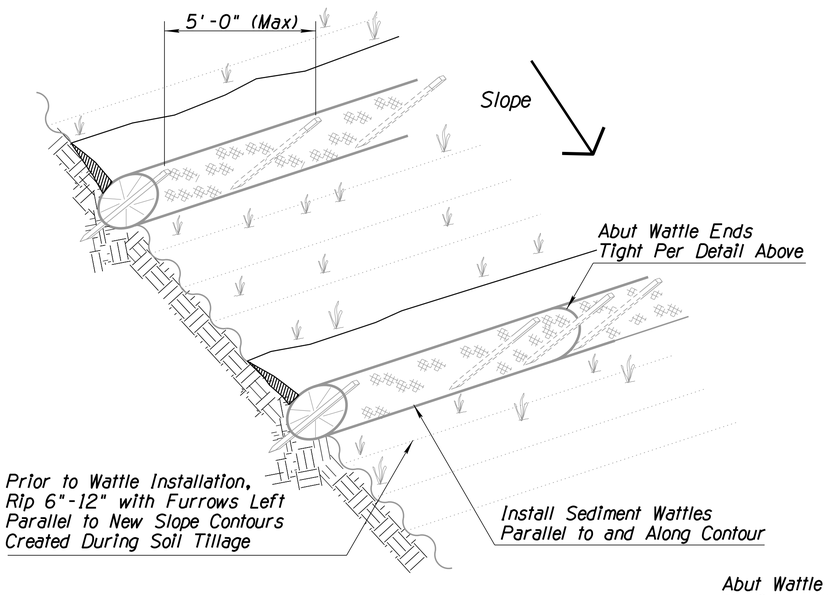
SECTION (NTS)

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'

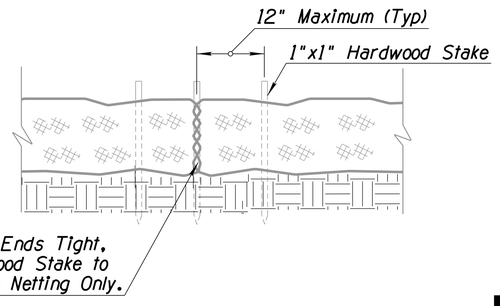
* Notes:
1) Top Row Shall Not be Placed within 6'-0" of Edge of Pavement and 9'-0" from Outside Surface of Barrier.
2) For erosive soils, place rows of wattles closer together.
3) For soils with low erosive potential, place rows of wattles further apart.



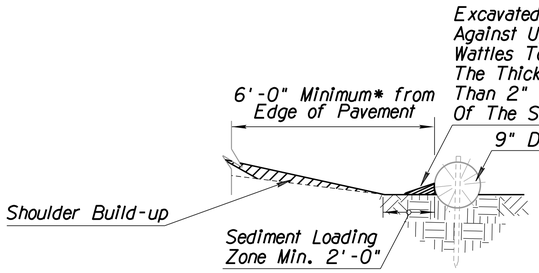
SEDIMENT WATTLE STAKING DETAIL (NTS)



SEDIMENT WATTLE LAYOUT (NTS)



SEDIMENT WATTLE OVERLAP (NTS)



** Note:
Applicable only in the areas of concentrated flow - to include but not be limited to roadway sag spots and drop-off repair locations as per the direction of the Engineer.

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 CMs/BMPs shall not negatively impact traffic safety, nor the designed function of roadway or bridge drainage facilities.
9. Install and maintain Sediment Wattle CMs/BMPs to carry the stormwater of at least 2-year, 24-hour events.
10. The Sediment Wattle CM/BMP's pay/bid item shall include all materials used for this CM/BMP: all ground preparation, furnishing, installing, maintenance, final removal, and disposal of this temporary CM/BMP, as well as returning the area to an acceptable condition as approved by the Engineer.
11. Refer to Specification Section 810-2.06(C) for Sediment Wattle material specifications.
12. Make field adjustments and corrections to ensure NO sensitive biological resources (native species / habitats) will be adversely impacted.

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

Kimley»Horn
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EROSION CONTROL DETAILS

REGISTERED LANDSCAPE ARCHITECT — 50615 ANNE S. DeBOARD — Date Signed 07/07/2023 — ARIZONA, U.S.A.

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

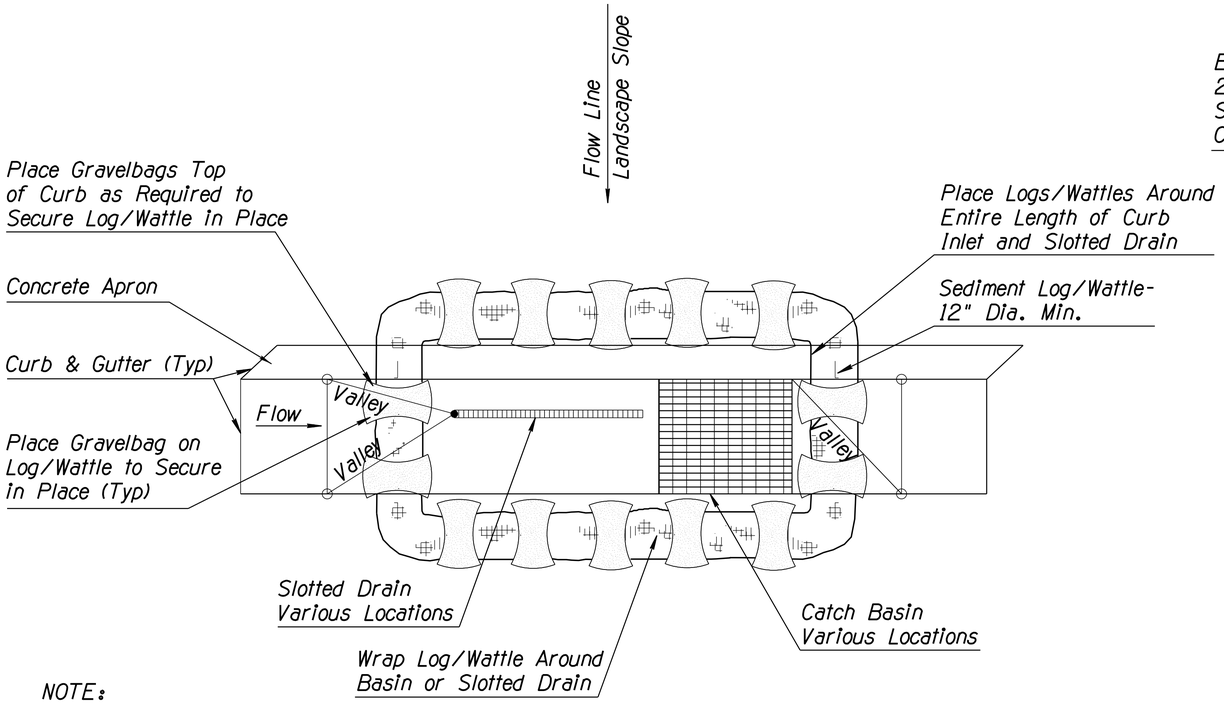
DWG NO. R-05.01

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

DETAIL E1
SEDIMENT WATTLE

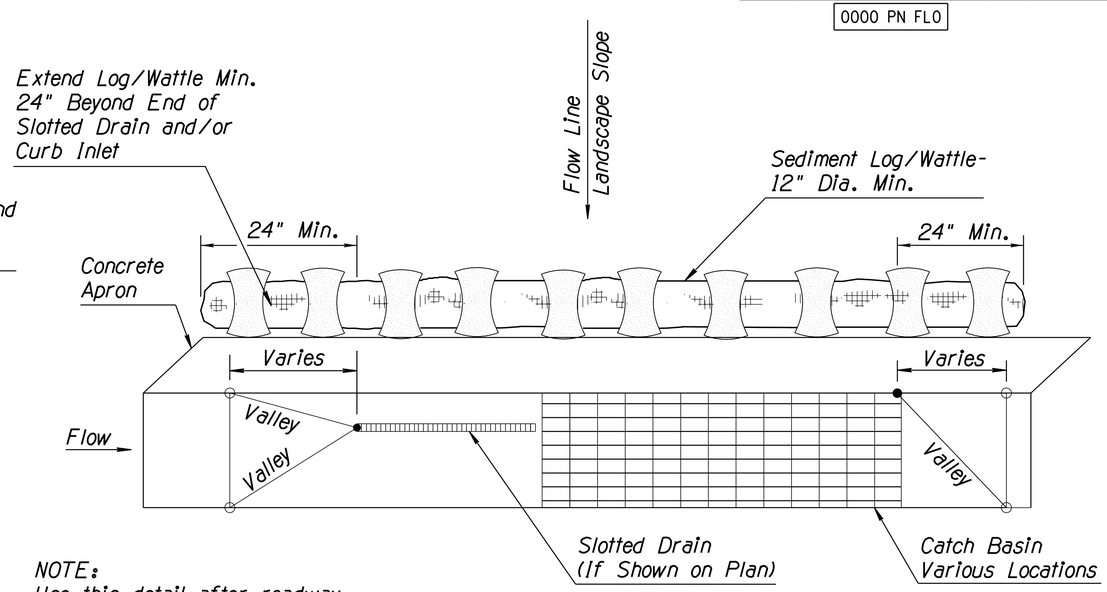
DATE- | LOCATION- | REVISIONS- | FINISHED PLANS- | SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	146	156	
		0000 PN FLO			



NOTE:
Use this detail prior to roadway paving.

PLAN VIEW
NTS



NOTE:
Use this detail after roadway paving. Remove wattles directly prior to erosion control seeding operations.

PLAN VIEW
NTS

NOTES:

1. Sediment log/wattle storm drain inlet protection BMP shall not be applied in the area of open traffic.
2. The installation and maintenance of sediment log/wattle storm drain curb inlet protection BMPs shall not negatively impact traffic safety, as well as the designed function of roadway or bridge drainage facilities. For erosion/sediment control purposes, sediment log/wattle storm drain curb inlet protection BMPs shall be installed and maintained to carry the storm water of at least 2-year, 24-hour events.
3. The sediment log/wattle storm drain inlet protection BMP's pay/bid item shall include all materials used for this BMP, all ground preparation, furnishing, installing, maintenance during construction operations, final removal, and disposal of this temporary BMP, as well as retuning the area to an acceptable condition as approved by the Engineer.
4. Do not place gravelbags in shoulder areas or paved traffic lanes.
5. Overlap logs/wattles on top of curb and gutters only.
6. Logs/wattles are to remain in place during construction as directed in details above until seeding takes place.

DETAIL E2

SEDIMENT LOG / WATTLE STORM DRAIN CURB INLETS - TEMPORARY PROTECTION

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

EROSION CONTROL DETAILS

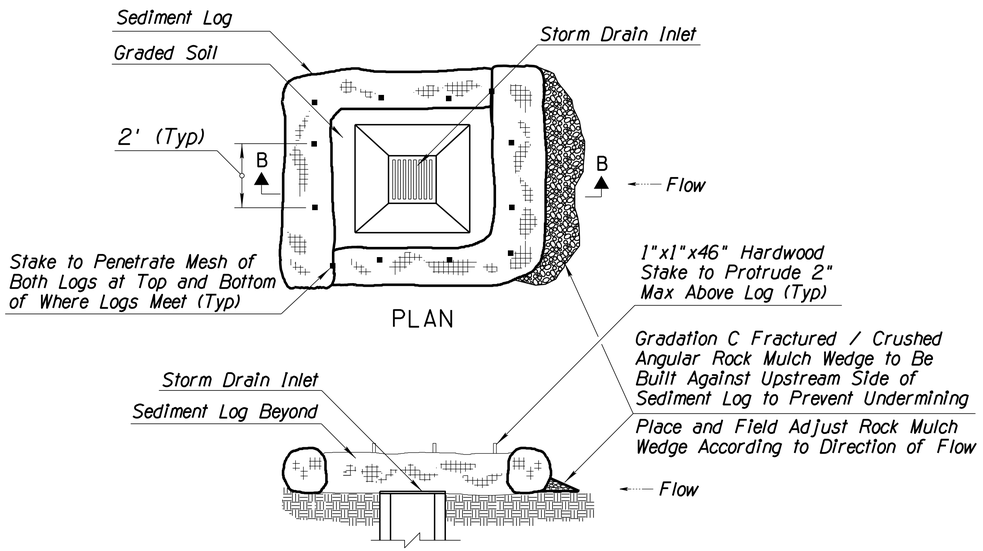
REGISTERED LANDSCAPE ARCHITECT — 50615 ANNE S. DeBOARD — Date 30 Nov 07/07/2023 — ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	R-05.02

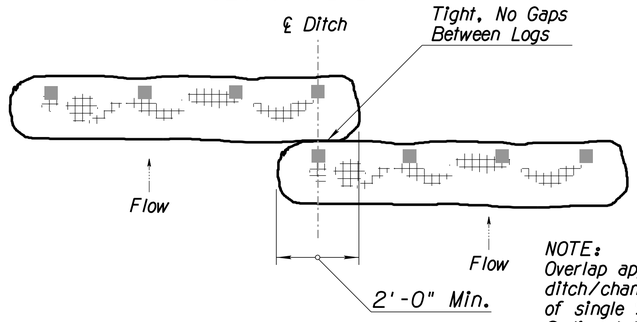
TRACS NO.			SHEET
SZ041 01C		FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	147	156	
		0000 PN FLO			

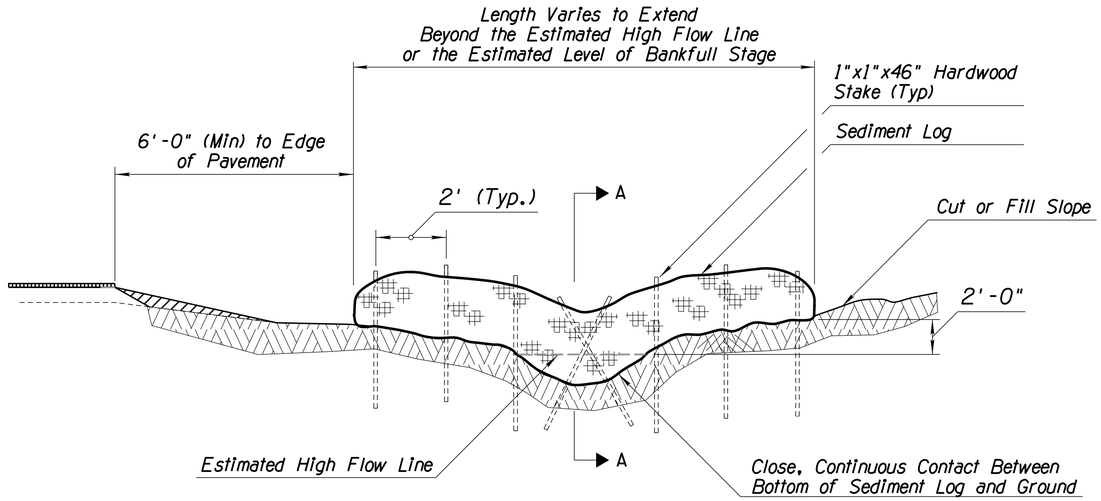


SEDIMENT LOG AT STORM DRAIN
SECTION B-B (NTS)

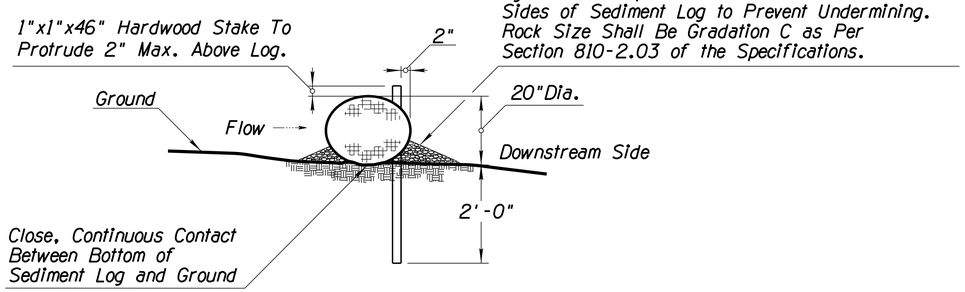


NOTE:
Overlap applies to situations where ditch/channel is wider than length of single Sediment Log. Two or multiple Sediment Logs may be necessary.

TYPICAL OVERLAP
PLAN (NTS)



SEDIMENT LOG IN DITCH/CHANNEL
SECTIONAL ELEVATION (NTS)



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 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 CMs/BMPs 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 CMs/BMPs 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/BMP 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/BMP's pay/bid item shall include all materials used for this CM/BMP: 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 E3
SEDIMENT LOG

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

EROSION CONTROL DETAILS

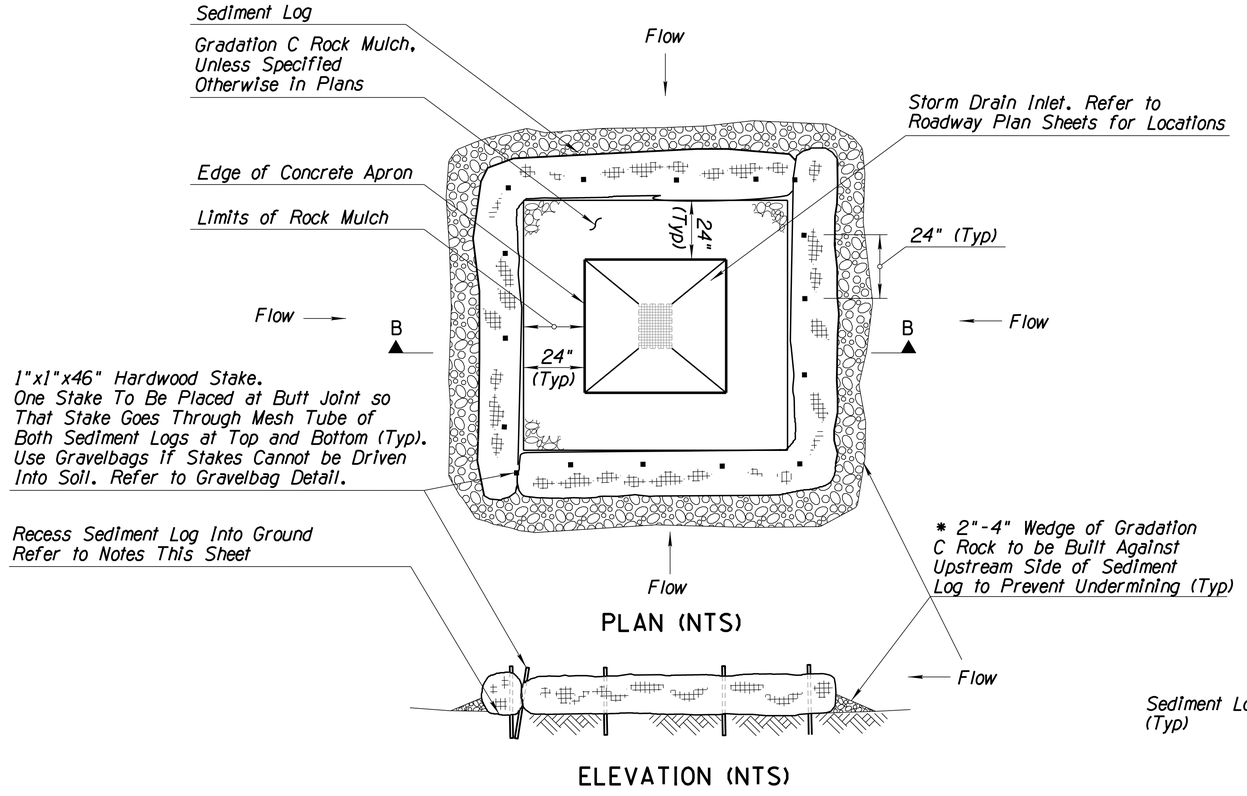
REGISTERED LANDSCAPE ARCHITECT
50615
ANNE S. DeBOARD
CERTIFICATE NO.
Date Signed 07/31/2023
ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	R-05.03

TRACS NO.			SHEET
SZ041 01C		FLO-0(201)T	___ OF ___

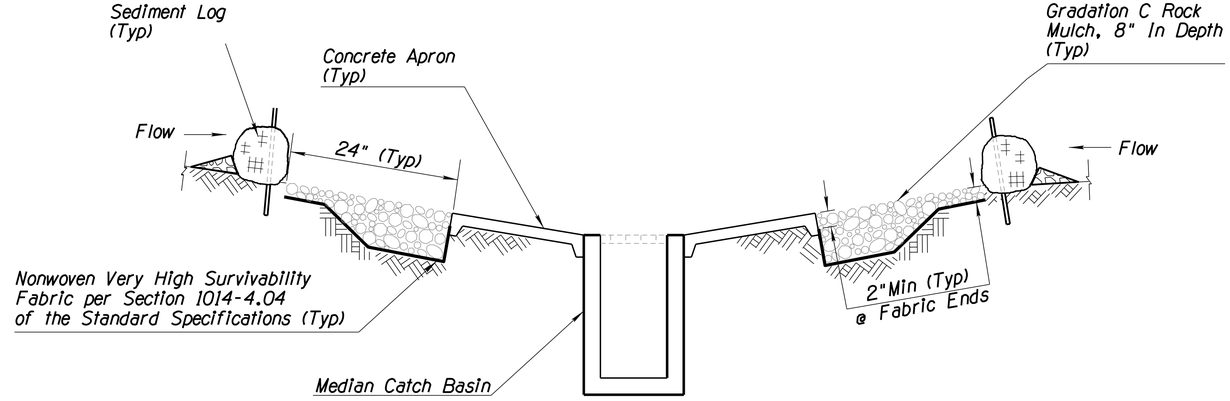
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	148	156	
		0000 PN FLO			



PLAN (NTS)

ELEVATION (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 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 Standard Specifications. Natural river-run materials such as rounded river rocks/cobblestones and pebbles are NOT acceptable.

DETAIL E4

ROCK PROTECTION AT STORM DRAIN INLET APRONS

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

EROSION CONTROL DETAILS

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

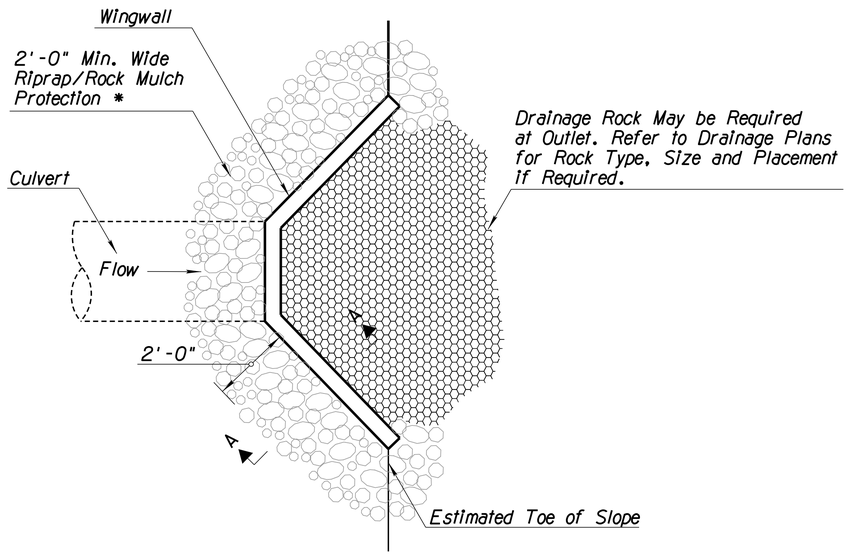
REGISTERED LANDSCAPE ARCHITECT
50615
ANNE S. DeBOARD
Date Signed 07/07/2023
ARIZONA, U.S.A.

DWG NO. R-05.04

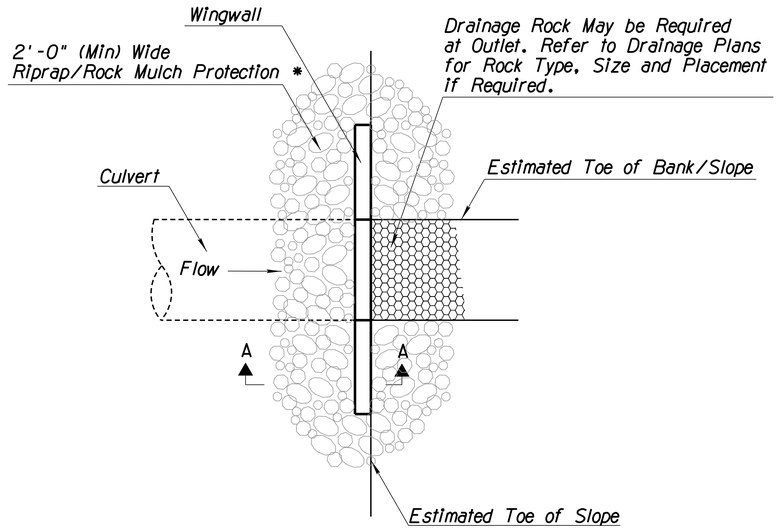
____ OF ____

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

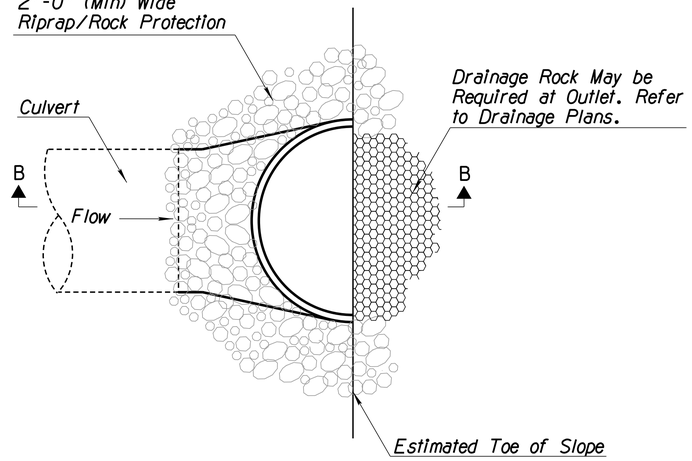
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	149	156	
		0000 PN FLO			



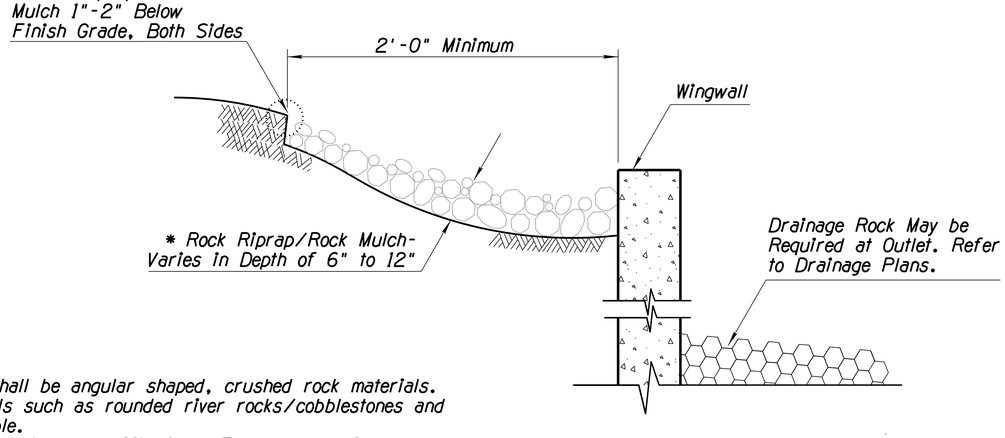
ANGLED HEADWALL
PLAN VIEW (NTS)



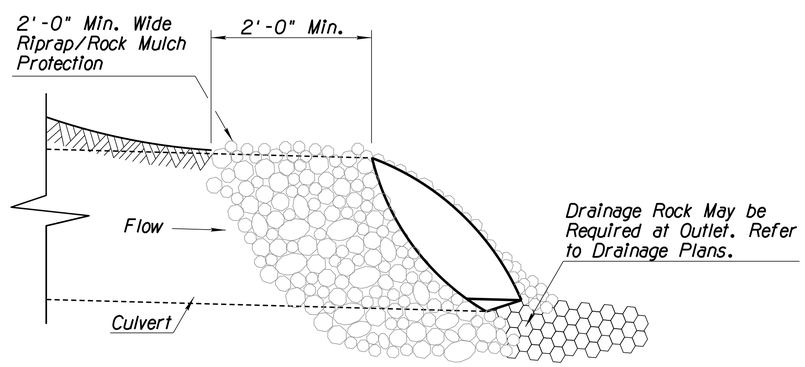
FLUSH HEADWALL
PLAN VIEW (NTS)



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 E5

ROCK PROTECTION FOR INLETS, OUTLETS AND HEADWALL TRANSITION

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

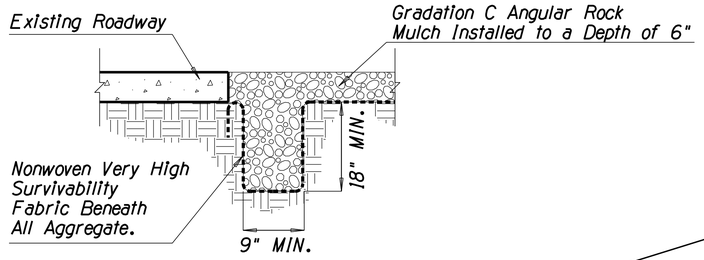
EROSION CONTROL DETAILS

REGISTERED LANDSCAPE ARCHITECT
50615
ANNE S. DeBOARD
Date Signed 07/07/2023
ARIZONA U.S.A.

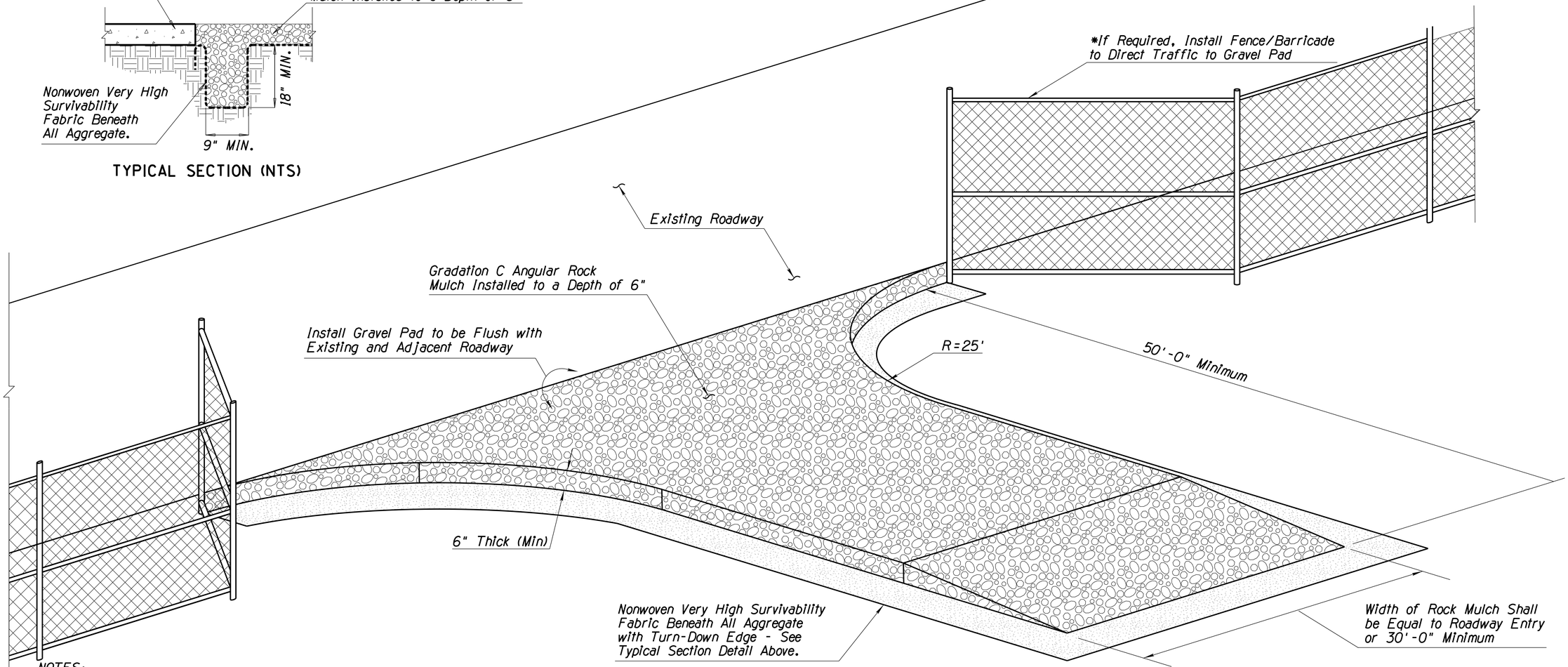
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	R-05.05
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	150	156	
		0000 PN FLO			



TYPICAL SECTION (NTS)



STABILIZED CONSTRUCTION ENTRANCE/EXIT GRAVEL PAD

BIRD'S EYE VIEW (NTS)

NOTES:

1. Install Stabilized Construction Entrance/Exit Gravel Pad 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 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 Standard 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 Standard 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 BMP immediately if it is causing flooding and/or affecting roadway safety.
6. When paid separately, the Stabilized Construction Entrance/Exit Gravel Pad BMP's pay/bid item shall include all materials used for this BMP: all ground preparation, furnishing, installing, final removal, and disposal of this temporary BMP, as well as returning the area to an acceptable condition as approved by the Engineer.
7. * Fence/barricade pay/bid item shall not be included as a component of the Stabilized Construction Entrance/Exit Gravel Pad BMP pay/bid item.
8. Make field adjustments and corrections to ensure NO sensitive biological resources (native species / habitats) will be adversely impacted.

DETAIL E6

STABILIZED CONSTRUCTION ENTRANCE / EXIT GRAVEL PAD

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

EROSION CONTROL DETAILS

REGISTERED LANDSCAPE ARCHITECT
50615
ANNE S. DeBOARD
Date Signed 07/07/2023
ARIZONA U.S.A.

ROUTE	LOCATION		
SR 287	SR 287 & SR 79B ROUNDABOUTS		DWG NO. R-05.06
TRACS NO. SZ041 01C		FLO-0(201)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.	FLO-0(201)T	151	156	

0000 PN FLO

QUANTITIES ACCOUNTED FOR ON ALTERNATE SHEET

Dwy No 1 Cst ℄

Dwy No 2 Cst ℄

New TCE

SR 287 Cst ℄

Exst R/W

STA 13+22.00
BEGIN PAVING FLO-0(201)T
N 734999.00
E 861629.16

Sunrise Plaza Dr

15

10

PT 9+72.31

PRC 8+94.06

PC 8+34.70

SR 79B Cst ℄

SR 79B Cst ℄

SR 287

SW E1

IP E2

CE E6

RP E5

Campbell Rd

Exst R/W

New R/W

Campbell Rd Cst ℄

New R/W

QUANTITIES ACCOUNTED FOR ON ALTERNATE SHEET

Erosion Control Method

RP
E3

SW = Sediment Wattle
IP = Inlet Protection
RP = Rock Protection
SD = Storm Drain Protection
CE = Construction Entrance

Detail Number Reference

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 287
EROSION CONTROL PLAN
Sta 7+44 to 13+22

ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS

TRACS NO. SZ041 01C | FLO-0(201)T

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
50615
ANNE S. DeBOARD
Date Signed 07/31/2023
ARIZONA U.S.A.

DWG NO. R-06.01

___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

8:05:36 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\LANDSCAPE\SZ041_EC01.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	152	156	

0000 PN FLO

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

SCIP Esmt

STA 542+22.00
BEGIN PAVING FLO-0(201)T
N 734534.88
E 862646.77

SR 79B Cst ℄

Exst R/W

SCIP Esmt

SW E1

RP E5

SW E1

CE E6

PCC 544+53.79

545

PT 545+35.89

PI 545+64.11

PC 546+16.22

Canal Rd

Canal Rd Cst ℄

SW E1

PRC 549+17.80

PT 549+78.03

550

EQUATION
Sta 550+76.86 Bk =
Sta 549+48.72 Ahd

SR 287 Cst ℄

New R/W

SR 287

Exst R/W

QUANTITIES ACCOUNTED FOR ON ALTERNATE SHEET

Dwy No 2 Cst ℄

PC 55

New Irrigation Pipe

SR 79B

CE E6

IP E2

IP E2

IP E2

20

IP E2

QUANTITIES ACCOUNTED FOR ON ALTERNATE SHEET

Exst R/W

SW E1

New R/W

Florence Heights Dr

IP E2

SW E1

SD E3 | RP E4

Florence Heights Dr Cst ℄

New R/W

Dwy No 3 Cst ℄

Dwy No 4 Cst ℄

Keating St

SR 79B

SR 79B Cst ℄

Keating St Cst ℄

Erosion Control Method

RP E3

SW = Sediment Wattle
IP = Inlet Protection
RP = Rock Protection
SD = Storm Drain Protection
CE = Construction Entrance

Detail Number Reference

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 79B
EROSION CONTROL PLAN
Sta 542+22 to 549+49

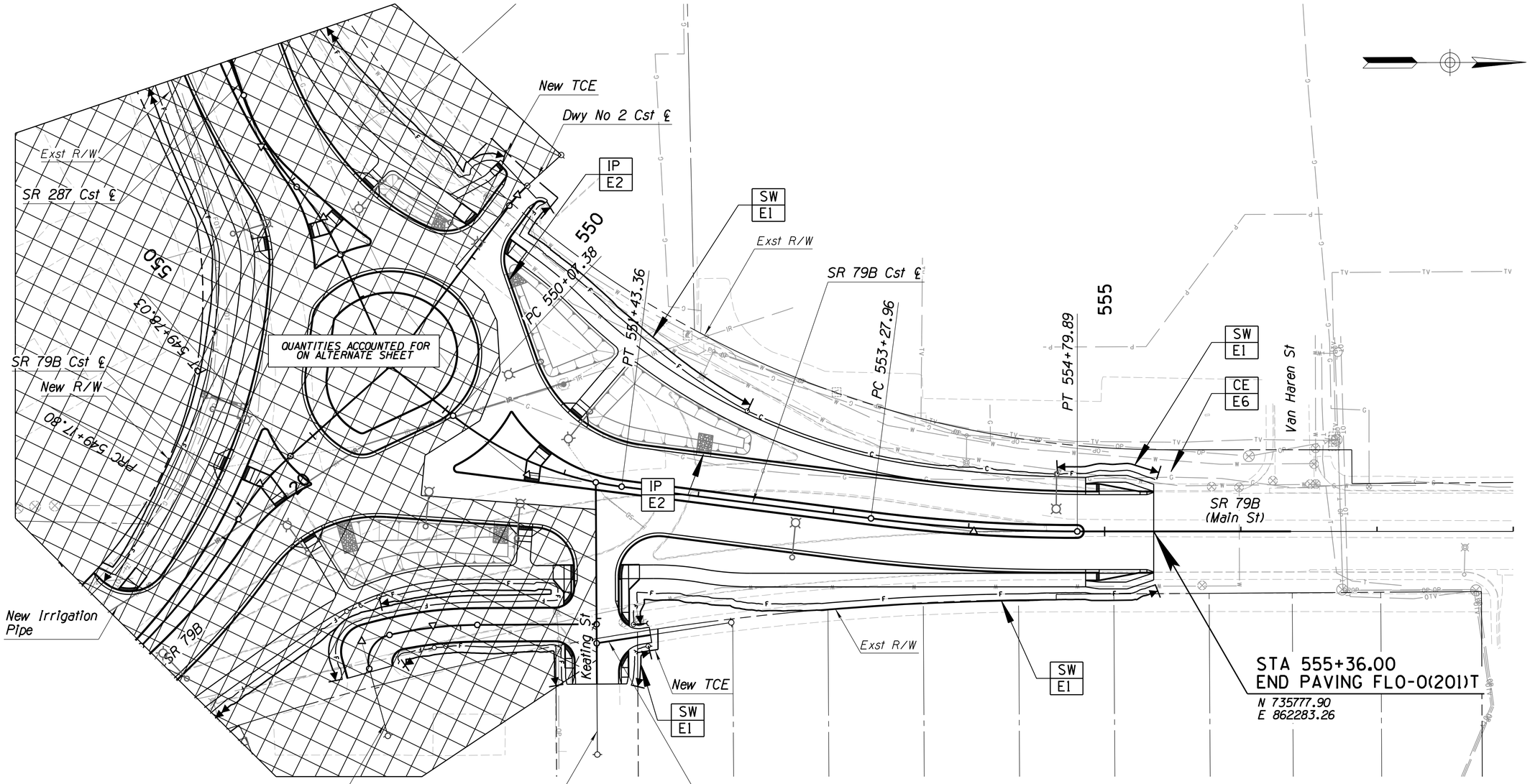
REGISTERED LANDSCAPE ARCHITECT
50615
ANNE S. DeBOARD
Date 30 Nov 07/07/2023
ARIZONA U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	R-06.02

TRACS NO.			SHEET NO.
SZ041 01C		FLO-0(201)T	___ OF ___

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	153	156	

0000 PN FLO



Erosion Control Method

RP
E3

SW = Sediment Wattle
IP = Inlet Protection
RP = Rock Protection
SD = Storm Drain Protection
CE = Construction Entrance

Detail Number Reference

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

SR 79B
EROSION CONTROL PLAN
Sta 549+49 to 555+36

REGISTERED LANDSCAPE ARCHITECT
50615
ANNE S. DeBOARD
Date Signed 07/07/2023
ARIZONA U.S.A.

ROUTE	LOCATION
SR 287	SR 287 & SR 79B ROUNDABOUTS

DWG NO. R-06.03

TRACS NO. SZ041 01C | FLO-0(201)T | ___ OF ___

SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

8:05:40 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\LANDSCAPE\SZ041_EC03.DGN

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	154	156	
		0000 PN FLO			

Elizabeth St Cst ℄
Exst R/W
SR 79B Cst ℄
Elizabeth St
Orlando St Cst ℄
Dwy No 7 Cst ℄
Florence Heights Dr Cst ℄
New Irrigation Pipe
New R/W
Exst R/W
New Irrigation Structure By Others
TCE
Orlando St
PC 27+74.20
STA 27+86.44
END PAVING FLO-0(201)T
N 735022.18
E 863233.31
Exst R/W
Florence Heights Dr
SCIP Esmt
QUANTITIES ACCOUNTED FOR ON ALTERNATE SHEET
New R/W
SCIP Esmt
PT 25+55.94
New R/W
Exst R/W
Park St
SCIP Esmt
545
SR 79B Cst ℄
New Irrigation Pipe By Others
SR 79B
PC 20+59.57
PT 21+21.17
PC 22+16.71
Dwy No 5 Cst ℄
New TCE
SCIP Esmt
Dwy No 6 Cst ℄

SW E1
IP E2
CE E6
RP E3

Erosion Control Method

SW = Sediment Wattle
IP = Inlet Protection
RP = Rock Protection
SD = Storm Drain Protection
CE = Construction Entrance

Detail Number Reference

	NAME	DATE
DESIGN	R. Schwarzer	07/23
DRAWN	R. Schwarzer	07/23
CHECKED	A. DeBoard	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

FLORENCE HEIGHTS DRIVE
EROSION CONTROL PLAN
Sta 20+00 to 27+87

REGISTERED LANDSCAPE ARCHITECT
50615
ANNE S. DeBOARD
ARIZONA U.S.A.

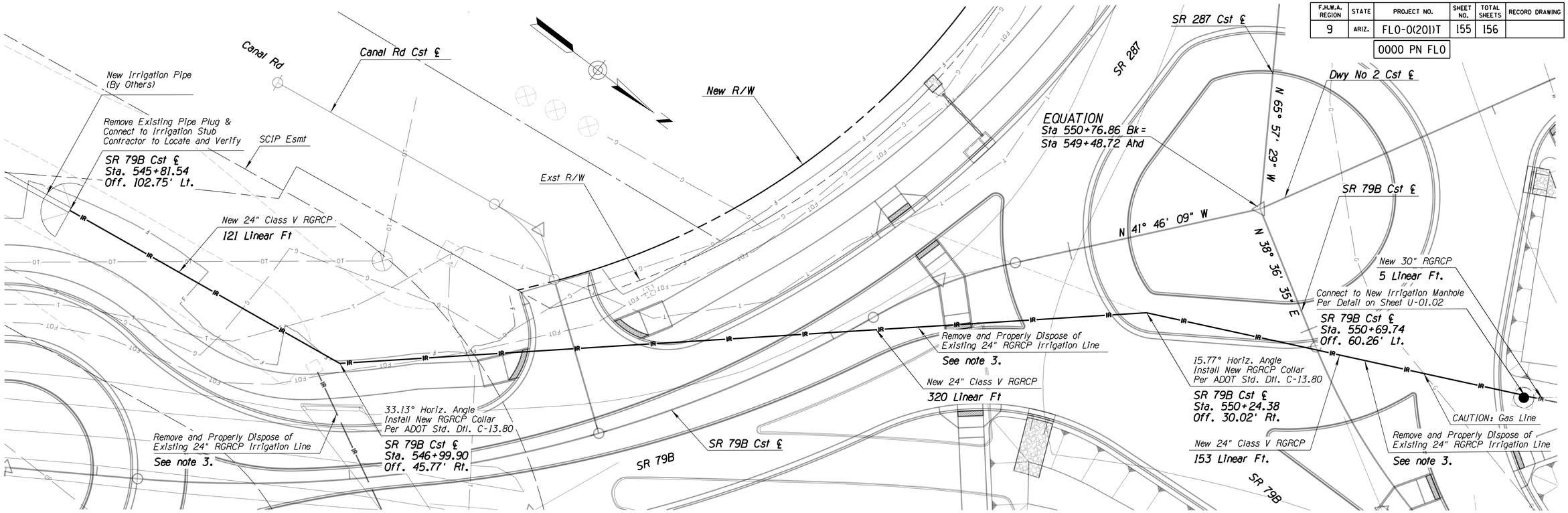
ROUTE: SR 287
LOCATION: SR 287 & SR 79B ROUNDABOUTS
DWG NO. R-06.04
TRACS NO. SZ041 01C
FLO-0(201)T
___ OF ___

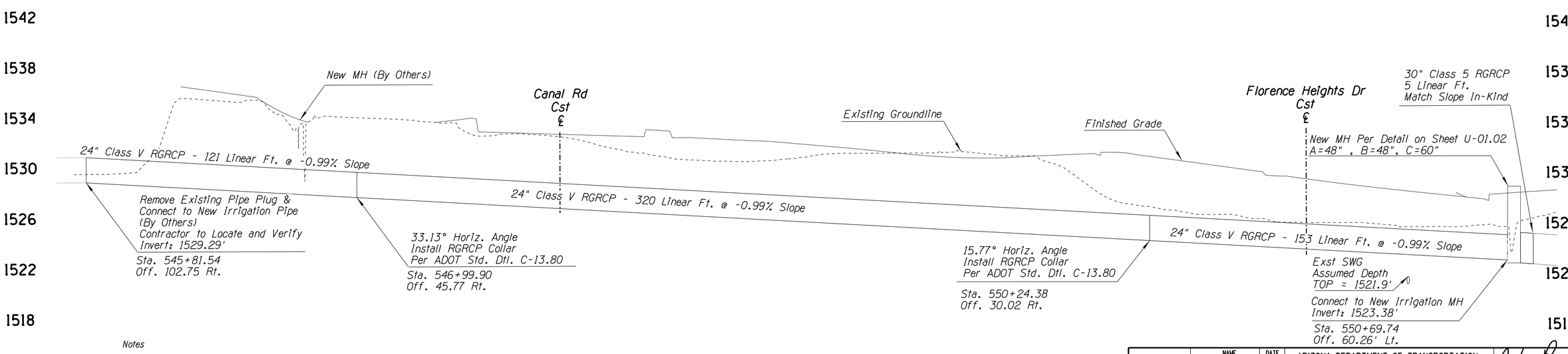
SURVEY NO. | FINISHED PLANS | REVISIONS | LOCATION | DATE

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	155	156	

0000 PN FLO





Notes

1. Contractor to coordinate with SCIDD to schedule construction around irrigation watering times.
2. Trenching to be per MAG Std. Det. 200-1
3. Irrigation removal quantities shown on C-2.02, C-2.04.

	NAME	DATE
DESIGN	J. Pesqueira	07/23
DRAWN	C. Swieczkowski	07/23
CHECKED	A. Hathcock	07/23

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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

PROPOSED IRRIGATION LINE
PLAN AND PROFILE SHEET
SCIDD IRRIGATION LINE

Registered Professional Engineer (Civil)
CERTIFICATE NO.
65836
JULIAN D. PESQUEIRA
Date Signed 07/07/23
ARIZONA, U.S.A.

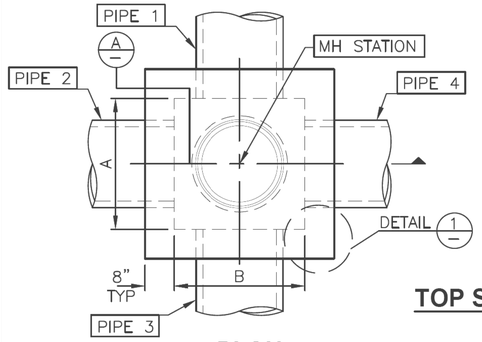
ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	U-01.01
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

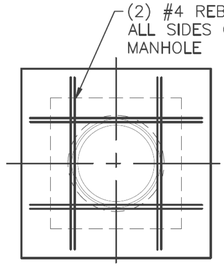
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	FLO-0(201)T	156	156	

0000 PN FLO

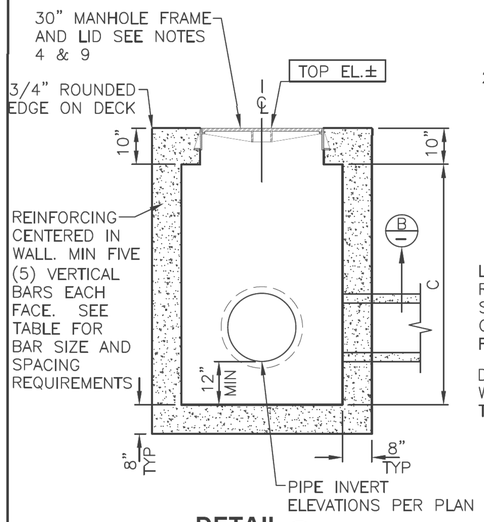


PLAN

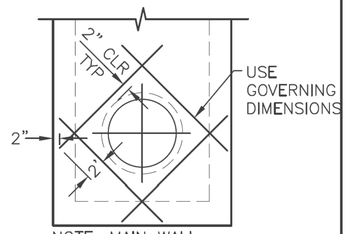


MAIN TOP SLAB REINFORCING NOT SHOWN, TO BE INSTALLED PER WALL REQUIREMENT.

TOP SLAB REINFORCING PLAN

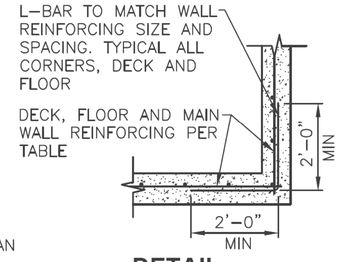


DETAIL A



NOTE: MAIN WALL REINFORCING NOT SHOWN

SECTION B



DETAIL 1

LAST UPDATED: 03/06/06

ROOSEVELT WATER CONSERVATION DISTRICT

MANHOLE: FOUR SIDED

SHEET 1 OF 2	MINIMUM REQUIREMENTS AND NOTES	RWCD-19

MINIMUM REQUIREMENTS		
WALL DIMENSION		REINFORCING STEEL
PIPE DIAMETER	A , B	
30" OR LESS	48"	#4 @ 12" E.W. IF C ≤ 8' OR #5 @ 12" E.W. IF C ≥ 8'
36"	56"	
42"	62"	
48"	68"	
54" OR 60"	80"	
66" OR 72"	92"	
78" OR 84"	106"	

NOTES:

1. STRUCTURAL CONCRETE SHALL BE 3000 PSI @ 28 DAYS.
2. REINFORCING STEEL SHALL COMPLY WITH MAG SPEC 727.
3. SEE PLAN AND PROFILE DRAWING FOR CORRECT ORIENTATION OF MANHOLE.
4. USE 30" MANHOLE FRAME AND LID PER DEETER 1296B BOLTED AND GASKETED OR APPROVED EQUAL. LID SHALL HAVE RAISED LETTERING 2" IN HEIGHT STATING "RWCD IRRIGATION". FOR PRESSURE MANHOLES, SEE NOTE 9.
5. EXACT ELEVATION OF ROADWAY SURFACE OR SIDEWALK TO BE SET BY LICENSEE'S ENGINEER.
6. FIELD CUT REBAR AT MANHOLE.
7. CONCRETE SHALL BE PLACED WITH NO COLD JOINTS. ALL CONCRETE SHALL BE VIBRATED DURING PLACEMENT.
8. DIMENSIONS A AND B SHALL NOT EXCEED 106" AND DIMENSION C SHALL NOT EXCEED 180"
9. FOR PRESSURE MANHOLES, MAXIMUM HEAD SHALL NOT EXCEED 30" ABOVE RIM ELEVATION. COVER SHALL HAVE 2" LETTERING "RWCD IRR PMH".
10. A SURVEY HUB SHALL BE SET AT ALL MANHOLES PRIOR TO RWCD INSPECTION.
11. MANHOLE BACKFILL SPECIFICATIONS SHALL BE PER ADJACENT TRENCH BACKFILL SPECIFICATIONS EXCEPT TO PROVIDE JETTED AB OR 1/2 SACK SLURRY UP TO THE SPRINGLINE OF PIPE OR AS DIRECTED BY RWCD INSPECTOR.
12. FOR TEMPORARY GRADING PROVIDE 4:1 SLOPES FROM RIM ELEVATION TO EXISTING GRADE BEGINNING 2' FROM THE OUTSIDE EDGE OF THE MANHOLE IN ALL DIRECTIONS.

DESIGN CRITERIA

HS20 HIGHWAY LOADING, 32 KIPS ON REAR AXLE (16 KIPS/WHEEL), WHEEL SPACING 6', 30% IMPACT ONE WHEEL CENTERED ON MANHOLE, OTHER WHEEL ADJACENT TO MANHOLE.

LAST UPDATED: 02/04/13

ROOSEVELT WATER CONSERVATION DISTRICT

MANHOLE: FOUR SIDED

SHEET 2 OF 2	MINIMUM REQUIREMENTS AND NOTES	RWCD-19

	NAME	DATE
DESIGN	J. Pesqueira	07/23
DRAWN	C. Swieczkowski	07/23
CHECKED	A. Hathcock	07/23

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT

PROPOSED IRRIGATION LINE DETAIL SHEET

Registered Professional Engineer (Civil) CERTIFICATE NO. 65836 JULIAN D. PESQUEIRA Date Signed 07/07/23 ARIZONA, U.S.A.

ROUTE	LOCATION	DWG NO.
SR 287	SR 287 & SR 79B ROUNDABOUTS	U-01.02
TRACS NO. SZ041 01C	FLO-0(201)T	___ OF ___

SURVEY NO. | FINISHED PLANS- | REVISIONS- | LOCATION- | DATE-

8:05:51 AM 7/7/2023 THOMAS.STAFFORD K:\PHX_ROADWAY\291244000-PROJ DEV ON-CALL 2018-006.11\291244005-SR287 & 79B RABS\CADD\12-SHEETS\UTILITIES\SZ041_IRR02.DGN