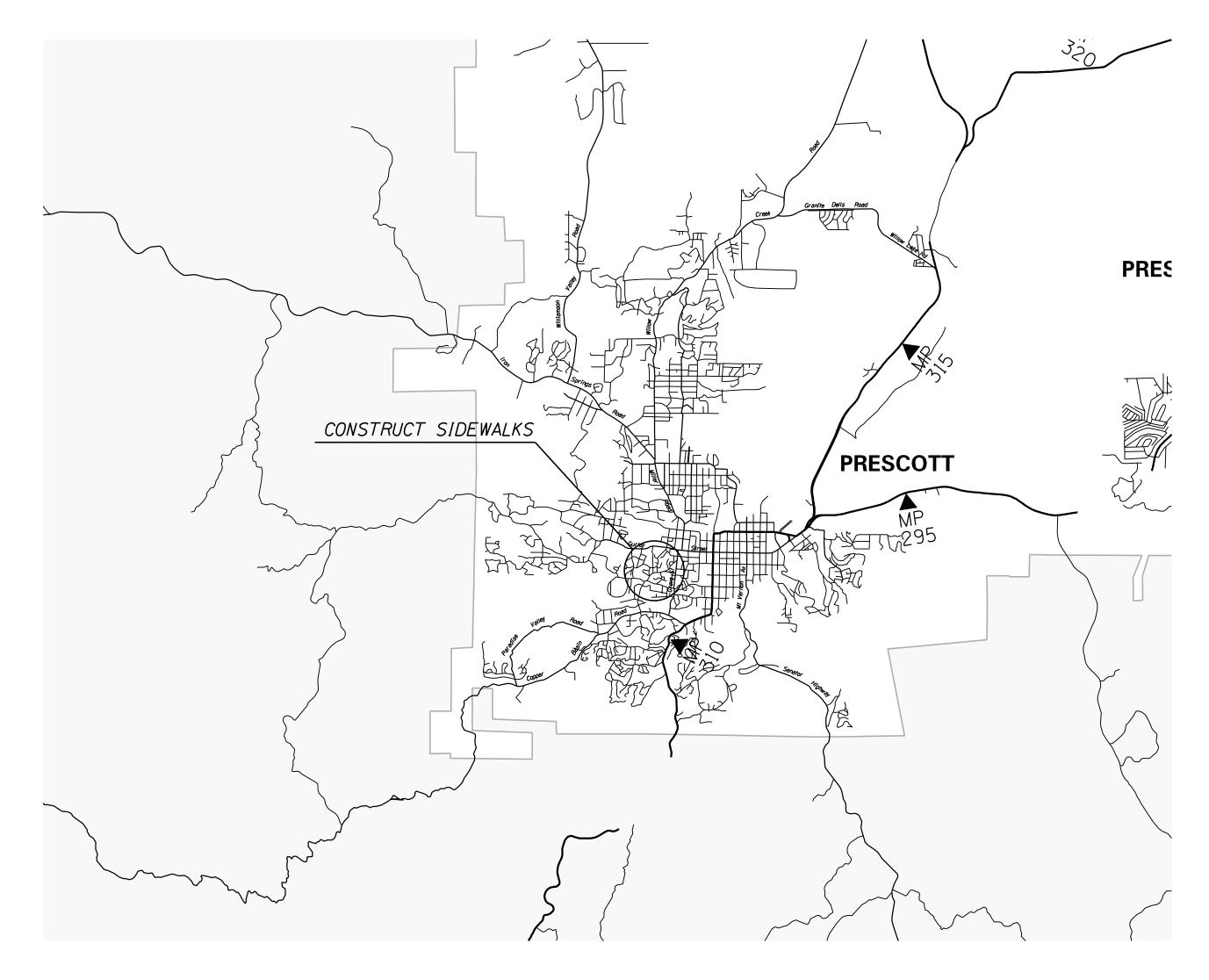


# STATE OF ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION



PROJECT PLANS

## URBANIZED AREA CITY OF PRESCOTT



Construction Company

Completion Date

Red-Lines by:

Construction Administrator Name & Company

Completion Date

Record Drawings by:

Record Drawings Designer Name & Company

## CORONADO AVENUE, PARK AVENUE TO COUNTRY CLUB DRIVE

PROJECT NO. 0000 YV PRS SF029 01C FEDERAL AID NO. SRS-PRS-0(207)T

ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION DALLAS HAMMIT, P.E., STATE ENGINEER

REC. DWGS. DATE OF \_\_\_\_\_

12/17

C-10.53

CONCRETE HALF BARRIER, 42" TYPE 'F' WITH GUTTER

### ADOT STANDARD DRAWINGS C STANDARDS

		C STANDARDS			
ISSUE			ISSUE		
OR REVISION	STANDARD	SUBJECT	OR REVISION	STANDARD	SUBJECT
DATE	NO.	CONSTRUCTION	DATE	NO.	CONSTRUCTION
5/12	C-01.10 SH 1	SYMBOL LEGEND	12/17	C-10.54 SH 1	CONCRETE HALF BARRIER, 32" TYPE 'F' AT PIERS, CAST-IN-PLACE
5/12	C-01.10 SH 2	SYMBOL LEGEND	12/17	C-10.54 SH 2	CONCRETE HALF BARRIER, 32" TYPE 'F' AT PIERS, PRECAST
5/12 5/12	C-01.10 SH 3 C-01.10 SH 4	SYMBOL LEGEND SYMBOL LEGEND	12/17 12/17	C-10.54 SH 3 C-10.55 SH 1	CONCRETE HALF BARRIER, 32" TYPE 'F' AT PIERS, LAYOUT CONCRETE HALF BARRIER, 42" TYPE 'F' AT PIERS, CAST-IN-PLACE
12/17 5/12	C-01.30 SH 1 C-01.30 SH 2	GENERAL ABBREVIATIONS GENERAL ABBREVIATIONS	12/17 12/17	C-10.55 SH 2 C-10.55 SH 3	CONCRETE HALF BARRIER, 42" TYPE 'F' AT PIERS, PRECAST CONCRETE HALF BARRIER, 42" TYPE 'F' AT PIERS, LAYOUT
5/12	C-01.30 SH 3	GENERAL ABBREVIATIONS	12/17	C-10.70 SH 1	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CAISSONS
5/12	C-02.10	SLOPES, RURAL DIVIDED HIGHWAYS	12/17 12/17	C-10.70 SH 2 C-10.70 SH 3	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CAISSONS CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CAISSONS
5/12 5/12	C-02.20	SLOPES, RURAL UNDIVIDED AND FRINGE-URBAN HIGHWAYS	12/17	C-10.71 SH 1	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CURB & GUTTER
	C-02.30	SLOPES, MISCELLANEOUS ROADWAYS	12/17 12/17	C-10.71 SH 2 C-10.72 SH 1	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 32" TYPE 'F' WITH CURB & GUTTER CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH CAISSONS
5/12 5/12	C-03.10 SH 1 C-03.10 SH 2	DITCHES, CHANNELS, DIKES AND BERMS, DITCHES AND CHANNELS DITCHES, CHANNELS, DIKES AND BERMS, DIKES	12/17 12/17	C-10.72 SH 2 C-10.72 SH 3	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH CAISSONS CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH CAISSONS
5/12	C-03.10 SH 3	DITCHES, CHANNELS, DIKES AND BERMS, DITCH DIKE	12/17	C-10.73 SH 1	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL. 42" TO 32" TYPE 'F' WITH GUTTER
5/12 5/12	C-03.10 SH 4 C-03.10 SH 5	DITCHES, CHANNELS, DIKES AND BERMS, PIPE BERMS DITCHES, CHANNELS, DIKES AND BERMS, HEADWALL BERMS	12/17 12/17	C-10.73 SH 2 C-10.74	CONCRETE HALF-BARRIER TRANSITION TO VERTICAL, 42" TO 32" TYPE 'F' WITH GUTTER CONCRETE HALF-BARRIER TRANSITION, 42" TO 32" TYPE 'F'
12/17	C-04.10 SH 1	SPILLWAY, EMBANKMENT SINGLE INLET	12/17 12/17	C-10.75 SH 1 C-10.75 SH 2	CONCRETE HALF-BARRIER TRANSITION, TYPE 'F' TANGENT DEPARTURE TYPE 1 CONCRETE HALF-BARRIER TRANSITION, TYPE 'F' TANGENT DEPARTURE TYPE 2
12/17 12/17	C-04.10 SH 2 C-04.20 SH 1	SPILLWAY, EMBANKMENT DOUBLE INLET DOWNDRAIN, EMBANKMENT SINGLE INLET	12/17	C-10.76	CONCRETE HALF-BARRIER TRANSITION, TYPE 'F' AT RADIUS, 32" TO 0"
12/17	C-04.20 SH 2	DOWNDRAIN, EMBANKMENT DOUBLE INLET	12/17 12/17	C-10.77 C-10.78	CONCRETE BARRIER TRANSITION TO GUARDRAIL END TERMINAL LAYOUT WITH CURB CONCRETE HALF-BARRIER TRANSITION, 32" TYPE 'F' LOW SPEED APPROACH
12/17 12/17	C-04.30 C-04.40	SPILLWAY LENGTH TABLE DOWNDRAIN LENGTH TABLE	12/17	C-10.79	CONCRETE HALF-BARRIER TRANSITION. 42" TYPE 'F' TANGENT DEPARTURE
5/12	C-04.50	DOWNDRAIN ENERGY DISSIPATOR	5/12	C-11.10 SH 1	ROADWAY CATTLE GUARD
5/12	C-05.10	CURB & GUTTER, CURB, GUTTER	5/12 5/12	C-11.10 SH 2 C-11.10 SH 3	ROADWAY CATTLE GUARD ROADWAY CATTLE GUARD
5/12 5/12	C-05.12 SH 1 C-05.12 SH 2	CURB & GUTTER TRANSITIONS CURB & GUTTER TRANSITIONS	5/12 5/12	C-11.10 SH 4	ROADWAY CATTLE GUARD
5/12	C-05.12 SH 3	CURB AND GUTTER TRANSITIONS		C-11.20	CATTLE GUARD, DRAINAGE
5/12 5/12	C-05.20 SH 1 C-05.20 SH 2	CONCRETE DRIVEWAYS & SIDEWALKS, DRIVEWAYS CONCRETE DRIVEWAYS & SIDEWALKS, SIDEWALKS	5/12 5/12	C-12.10 SH 1 C-12.10 SH 2	FENCE. WOVEN WIRE FENCE. BARBED WIRE
5/12 5/12	C-05.30 SH I C-05.30 SH 2	SIDEWALK RAMP, TYPE A SIDEWALK RAMP, TYPE B	5/12	C-12.10 SH 3	FENCE. TYPE 1 AND 2 GATES, FLOOD GATE
5/12	C-05.30 SH 3	SIDEWALK RAMP, TYPE C	5/12 5/12	C-12.10 SH 4 C-12.10 SH 5	FENCE, FLOOD GATE INSTALLATION FENCE, MISCELLANEOUS DETAILS
5/12 5/12	C-05.30 SH 4 C-05.30 SH 5	SIDEWALK RAMP, TYPE D SIDEWALK RAMP, TYPE E	5/12 5/12	C-12.20 SH 1 C-12.20 SH 2	FENCE, CHAIN LINK, TYPE 1 FENCE, CHAIN LINK, TYPE 2
5/12 5/12	C-05.30 SH 6 C-05.30 SH 7	SIDEWALK RAMP, TYPE F SIDEWALK RAMP, DETECTABLE WARNING STRIP	5/12	C-12.20 SH 3	FENCE, CHAIN LINK, GATES
5/12	C-05.40	MEDIAN PAVING AND NOSE TAPER	5/12 5/12	C-12.30 SH 1 C-12.30 SH 2	FENCE, CHAIN LINK CABLE BARRIER FENCE, CHAIN LINK CABLE BARRIER
5/12	C-05.50	CONCRETE BUS BAY	5/12	C-12.30 SH 3	FENCE. CHAIN LINK CABLE BARRIER
5/12 5/12	C-06.10 SH 1 C-06.10 SH 2	DRIVEWAY & TURNOUT LAYOUTS DRIVEWAY & TURNOUT LAYOUTS	5/12	C-13.10 SH 1	PIPE CULVERT INSTALLATION
			5/12 5/12	C-13.10 SH 2 C-13.15	PIPE CULVERT INSTALLATION TYPICAL PIPE INSTALLATION
5/12 5/12	C-07.01 SH 1 C-07.01 SH 2	PCCP JOINTS PCCP JOINTS	5/12 5/12	C-13.20 C-13.25	PIPE, REINFORCED CONCRETE END SECTION PIPE, CORRUGATED METAL END SECTION
5/12	C-07.02 C-07.03 SH 1	LOAD TRANSFER DOWEL ASSEMBLY	5/12	C-13.30	PIPE AND PIPE ARCH, CORRUGATED METAL, CONCRETE INVERT PAVING
5/12 5/12	C-07.03 SH 2	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS	5/12 5/12	C-13.55 C-13.60	PIPE, CATTLE-VEHICLE PASS, MITERED END TREATMENT SLOTTED DRAIN DETAILS
5/12 5/12	C-07.03 SH 3 C-07.03 SH 4	PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS PCCP JOINT LOCATIONS, MAINLINE SKEWED JOINTS	5/12 5/12	C-13.65 C-13.70	SLOTTED DRAIN INSTALLATION DETAILS STORM DRAIN CONNECTION DETAILS
5/12	C-07.03 SH 5	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS	5/12	C-13.75	STORM DRAIN OUTLET BARRIER GATE
5/12 5/12	C-07.03 SH 6 C-07.03 SH 7	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS	5/12 5/12	C-13.76 C-13.80	STORM DRAIN OUTLET AND STORM DRAIN PLUG PIPE COLLAR DETAILS
5/12 5/12	C-07.03 SH 8 C-07.04 SH 1	PCCP JOINT LOCATIONS, MAINLINE NON-SKEWED JOINTS PCCP JOINT LOCATIONS, PARALLEL-TYPE ENTRANCE RAMP WITH AUXILIARY LANE			
5/12	C-07.04 SH 2	PCCP JOINT LOCATIONS, PARALLEL-TYPE EXIT RAMP WITH AUXILIARY LANE	5/12 5/12	C-15.10 C-15.20 SH 1	CATCH BASIN, TYPE 1 CATCH BASIN, TYPE 3
5/12 5/12	C-07.04 SH 3 C-07.04 SH 4	PCCP JOINT LOCATIONS, TAPER-TYPE ENTRANCE RAMP PCCP JOINT LOCATIONS, TAPER-TYPE EXIT RAMP	5/12 5/12	C-15.20 SH 2 C-15.20 SH 3	CATCH BASIN, TYPE 3 CATCH BASIN, ACCESS FRAME AND COVER DETAILS
5/12 5/12	C-07.04 SH 5 C-07.06	PCCP JOINT LOCATIONS, CROSSROAD AND RAMP TERMINI TRENCH BACKFILL AND PAVEMENT REPLACEMENT	5/12	C-15.30	CATCH BASIN, TYPE 4
5/12	C-08.20	PAVED GORE AREA	5/12 5/12	C-15.40 SH 1 C-15.40 SH 2	CATCH BASIN, TYPE 5 CATCH BASIN, TYPE 5
			5/12 5/12	C-15.50 C-15.70 SH 1	CATCH BASIN, FRAME AND GRATE CATCH BASIN, MISCELLANEOUS DETAILS
12/17 12/17	C-10.00 C-10.01	GUARDRAIL MEASUREMENT LIMITS GUARDRAIL INSTALLATION	5/12	C-15.70 SH 2	CATCH BASIN, MISCELLANEOUS DETAILS
12/17 12/17	C-10.03 C-10.04	W-BEAM GUARDRAIL, MGS BLOCKED-OUT TIMBER POST W-BEAM GUARDRAIL, MGS BLOCKED-OUT STEEL POST	5/12 5/12	C-15.75 C-15.80	CATCH BASIN, DROP INLET CATCH BASIN, FLUSH
12/17	C-10.05 SH 1	W-BEAM GUARDRAIL (MODIFIED) WITH FREEWAY CURB AND GUTTER	5/12 5/12	C-15.81 C-15.90	CATCH BASIN, SIDE SLOPE CATCH BASIN, MEDIAN DIKE, PRECAST
12/17 12/17	C-10.05 SH 2 C-10.06	W-BEAM GUARDRAIL (MODIFIED) WITH FREEWAY CURB AND GUTTER W-BEAM GUARDRAIL LONG-SPAN	5/12	C-15.91 SH 1	FREEWAY CATCH BASIN DETAILS
12/17 12/17	C-10.07 SH 1 C-10.07 SH 2	W-BEAM GUARDRAIL, BOX CULVERT GUARDRAIL POST W-BEAM GUARDRAIL, BOX CULVERT GUARDRAIL POST	5/12 5/12	C-15.91 SH 2 C-15.92 SH 1	FREEWAY CATCH BASIN DETAILS CATCH BASIN WITH TYPE 'F' CONCRETE HALF BARRIER
12/17	C-10.08 SH 1	W-BEAM GUARDRAIL. END ANCHOR	5/12	C-15.92 SH 2	CATCH BASIN WITH TYPE 'F' CONCRETE HALF BARRIER
12/17 12/17	C-10.08 SH 2 C-10.09	W-BEAM GUARDRAIL, END ANCHOR GUARDRAIL POST ROCK INSTALLATION	5/12	C-16.40	IRRIGATION SLEEVES
12/17 12/17	C-10.20 SH 1 C-10.20 SH 2	GUARDRAIL END TERMINAL PAD LAYOUT FOR SOFTSTOP GUARDRAIL END TERMINAL PAD LAYOUT FOR SOFTSTOP	5/12	C-17.10	RAIL BANK PROTECTION FOR DRAINAGEWAYS. TYPES 1. 2 & 3
12/17	C-10.21 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR MSKT	5/12 5/12	C-17.15 C-17.20	RAIL BANK PROTECTION AT ABUTMENTS, TYPES 4, 5 & 6 RAIL BANK PROTECTION FOR DRAINAGEWAYS, TYPES 7, 8 & 9
12/17 2/18	C-10.21 SH 2 C-10.22 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR MSKT GUARDRAIL END TERMINAL PAD LAYOUT FOR MAX-TENSION			
2/18 12/17	C-10.22 SH 2 C-10.30 SH 1	GUARDRAIL END TERMINAL PAD LAYOUT FOR MAX-TENSION GUARDRAIL TRANSITION TO CONCRETE BARRIER, TIMBER POST	5/12 5/12	C-18.10 SH 1 C-18.10 SH 2	MANHOLE, RISER DETAILS MANHOLE, BASE DETAILS, NORMAL INSTALLATION
12/17	C-10.30 SH 2	GUARDRAIL TRANSITION TO CONCRETE BARRIER, TIMBER POST	5/12	C-18.10 SH 3	MANHOLE, FRAME AND COVER DETAILS
12/17 12/17	C-10.31 SH 1 C-10.31 SH 2	GUARDRAIL TRANSITION TO CONCRETE BARRIER, STEEL POST GUARDRAIL TRANSITION TO CONCRETE BARRIER, STEEL POST	5/12 5/12	C-19.10 SH 1	FORD, CONCRETE WALLS
12/17 12/17	C-10.38 SH 1 C-10.38 SH 2	GUARDRAIL TAPER G4 TO MGS W-BEAM WITH STAGGERED POST GUARDRAIL TAPER G4 TO MGS W-BEAM WITH OFFSET RAIL	5/12	C-19.10 SH 2	FORD, TYPES 1 AND 2
12/17	C-10.40	CONCRETE MEDIAN BARRIER, 32" TYPE 'F', CAST-IN-PLACE	5/12 5/12	C-21.10 C-21.20	SURVEY MONUMENT FRAME AND COVER SURVEY MARKER
12/17 12/17	C-10.41 C-10.44 SH 1	CONCRETE MEDIAN BARRIER, 42" TYPE 'F', CAST-IN-PLACE CONCRETE MEDIAN BARRIER, 42" TYPE 'F'WITH VARIABLE HEIGHT SIDES, H=0"TO 26"		-	
12/17 12/17	C-10.44 SH 2 C-10.45 SH 1	CONCRETE MEDIAN BARRIER, 42" TYPE 'F'WITH VARIABLE HEIGHT SIDES, H=0"TO 26" 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"			ADOT STANDARD DRAWINGS REVISION DATES and STANDARD NO.'s
12/17 12/17	C-10.50 SH 1 C-10.50 SH 2	CONCRETE HALF BARRIER, 32" TYPE 'F', CAST-IN-PLACE CONCRETE HALF BARRIER, 32" TYPE 'F', PRECAST			REVISION DATES AND STANDARD NO. S
12/17 12/17	C-10.51 C-10.52	CONCRETE HALF BARRIER, 32" TYPE 'F' WITH SIDEWALK CONCRETE HALF BARRIER, 32" TYPE 'F' WITH GUTTER			CONSTRUCTION Standards D. KELLY
12/17	C-10.52	CONCRETE HALF BARRIER, 32" TYPE 'F' WITH GUTTER  CONCRETE HALF BARRIER, 42" TYPE 'F' WITH GUTTER			PROJECT NO.

	ADOT STANDARD DRAWINGS							
	REVI	SION DATES &	and STANDARD NO.'s	REVIEW				
			NAME		DA	TE		
CONSTRUCTION	N Standards		D. KELLY	OCTOBER 2018				
PROJECT NO.	O YV PRS S	SF029	01C		OF	24		
RECORD DRAWING DATA	FEDERAL AID NO. PRS-0(20	T(7C	REC. DWG. DATE		OF			

#### ADOT STANDARD DRAWINGS

TRAFFIC SIGNING & MARKING STANDARDS (SHEET 1 OF 2) EFFECTIVE MAY 2015

RECESSED PAVEMENT MARKER DETAILS

(RPM) FOR UNDIVIDED HIGHWAYS

RAISED PAVEMENT MARKER PLAN LEGEND

NON-REFLECTIVE RAISED PAVEMENT MARKER DETAILS

RETROREFLECTIVE RAISED PAVEMENT MARKER DETAILS

RETROREFLECTIVE RAISED PAVEMENT MARKER DETAILS

PAVEMENT MARKING DETAILS FOR UNDIVIDED HIGHWAYS

FREEWAY AND DIVIDED HIGHWAY EDGE LINE AND LANE STRIPING

LANE DROP MARKING AND RAMP OR INTERSECTION GUIDE STRIPING

PAVEMENT MARKING CROSS-SECTION DETAILS FOR HIGHWAYS AND FREEWAYS

RETROREFLECTIVE RAISED PAVEMENT MARKERS

M-18

M-19 SHT 1

M-19 SHT 2

M-19 SHT 3

M-19 SHT 4

M-19 SHT 5

M-19 SHT 6

M-19 SHT 7

M-19 SHT 8

M-19 SHT 9

<u>6/14</u>

6/14 6/14

6/14 6/14 5/15

<u>6/14</u>

		SUBJECT:	VE MAI 2013		SUBJECT:
REVISION	STANDARD	SIGNING & MARKING DETAILS	REVISION	STANDARD	SIGNING & MARKING DETAILS
6/14	M-1	CURB MARKINGS FOR RAISED MEDIAN AND ISLANDS	6/14 6/14	M-20 SHT 1 M-20 SHT 2	CHIP SEAL MARKER USAGE FOR TEMPORARY MARKERS CHIP SEAL MARKER USAGE FOR TEMPORARY MARKERS
6/14 5/15 6/14	M-2 SHT 1 M-2 SHT 2 M-2 SHT 3	INTERSECTION STRIPING INTERSECTION STRIPING (TWO-LANE RURAL) CENTERLINE & REVERSE CURVE DETAILS	6/14	M-21	TRANSVERSE RUMBLE STRIP DETAILS
6/14	M-3	STRIPING AND DELINEATION FOR FREEWAY TERMINALS	6/14	M-22 SHT 1 M-22 SHT 2	LONGITUDINAL RUMBLE STRIP GROOVE, PATTERN - AND LOCATION DETAILS
6/14	M-4	PASSING LANE STRIPING DETAILS	6/14 6/14	M-22 SHT 3	LONGITUDINAL RUMBLE STRIP EXCEPTION DETAILS CENTERLINE RUMBLE STRIP GROOVE, PATTERN - AND LOCATION DETAILS
6/14	M-5	RAILROAD PAVEMENT MARKINGS	6/14	M-23	OBJECT MARKER DETAILS
6/14	M-6	WORD MARKINGS	6/14	M-24	OBJECT MARKER DETAILS  OBJECT MARKER PLACEMENT DETAILS
6/14	M-7	PAVEMENT LETTERS	6/14	M-26 SHT 1	DELINEATOR PLACEMENT AND SPACING
6/14 6/14	M-8	PAVEMENT LETTERS	6/14 6/14	M-26 SHT 2 M-26 SHT 3	DELINEATOR PLACEMENT AND SPACING FLEXIBLE DELINEATOR ASSEMBLIES
0711	M-9	PAVEMENT NUMBERS	6/14 6/14	M-26 SHT 4 M-26 SHT 5	SQUARE STEEL POST DELINEATOR DELINEATOR FOUNDATION DETAILS
6/14 6/14	M-10 SHT 1 M-10 SHT 2	PAVEMENT MARKING SYMBOLS PAVEMENT MARKING SYMBOLS	<u>6/14</u>	M-27	DELINEATION DETAILS FOR MEDIAN CROSSOVERS
6/14	M-11	TURN LANE PAVEMENT MARKINGS	6/14	M-29	OFF-MAINLINE REFERENCE MARKER LOCATION DETAIL
6/14	M-12	WRONG-WAY ARROWS	6/14	M-30	OFF-MAINLINE REFERENCE MARKER DETAILS
6/14	M-13	PREFERENTIAL LANE PAVEMENT MARKINGS	• 6/14	M-32	BRIDGE AND BARRIER MARKER DETAILS
6/14	M-14	STRIPING AND DELINEATION FOR TRUCK ESCAPE RAMPS	6/14	M-33	BRIDGE & BARRIER MARKER PLACEMENT AND INSTALLATION DETAILS
6/14	M-15 SHT 1	PAVEMENT MARKING FOR FREEWAY ENTRANCE RAMP - TAPERED ACCELERATION LANE	6/14	M-34	GUARDRAIL END TERMINAL DELINEATION DETAILS
6/14	M-15 SHT 2	PAVEMENT MARKING FOR FREEWAY ENTRANCE RAMP - PARALLEL ACCELERATION LANE	6/14	M-35	OBJECT MARKER FOR SAND BARREL CRASH CUSHION
6/14	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			
6/14	M-16 SHT 1	PAVEMENT MARKING FOR FREEWAY EXIT RAMPS - TAPERED DECELERATION LANE			
6/14	M-16 SHT 2	PAVEMENT MARKING FOR FREEWAY EXIT RAMP - PARALLEL DECELERATION LANE			
5/15	M-17	FREEWAY LANE DROP PAVEMENT MARKINGS			

	ADOT STANDARD DRAWINGS			
REVI	SION DATES and STANDARD NO.'s	REVIEW		
	NAME		DA	TE
SIGNING & MARKING STANDARDS D. KELLY			OCTOBER 2018	
PROJECT NO.  OOOO YV PRS S	SF029 01C	IB-1	OF	24
RECORD DRAWING FEDERAL AID NO. PRS-0(2)	REC. DWG. DATE		OF	

#### ADOT STANDARD DRAWINGS

## TRAFFIC SIGNING & MARKING STANDARDS (SHEET 2 OF 2) EFFECTIVE MAY 2015

SUBJECT:

SIGNING & MARKING DETAILS

GENERAL SIGNING NOTES

REVISION

6/14

STANDARD

S-1 SHT 1

2015			SUBJECT:
	REVISION	STANDARD	SIGNING & MARKING DETAILS
	6/14 6/14 6/14	S-12 SHT 1 S-12 SHT 2 S-12 SHT 3	TYPE A, B, AND DOWN ARROWS TYPE C AND D ARROWS C2 ARROW DETAIL
	<u>6/14</u>	S-13	SIGN IDENTIFICATION DETAILS
	6/14 6/14 6/14	S-14 SHT 1 S-14 SHT 2 S-14 SHT 3	ROTATING OPEN/CLOSED SIGN ROTATING OPEN/CLOSED SIGN DETAILS ROTATING OPEN/CLOSED SIGN MOUNTING DETAILS
	6/14 6/14 6/14	S-15 SHT 1 S-15 SHT 2 S-15 SHT 3	FOLDING RECTANGULAR SIGN ASSEMBLY FOLDING RECTANGULAR SIGN OPERATION FOLDING DIAMOND SIGN ASSEMBLY
	6/14 6/14	S-16 SHT 1 S-16 SHT 2	TEMPORARY WOOD POSTS TEMPORARY WOOD POSTS SELECTION CHART
	6/14	S-17	END OF ROAD BARRICADE
	6/14	C-1	SAND BARREL CRASH CUSHION
•	6/14	C-2	SAND BARREL CRASH CUSHION TYPICAL INSTALLATION
	6/14 6/14	C-3 SHT 1 C-3 SHT 2	PRECAST CONCRETE BARRIER STRUCTURAL DETAILS 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

			<u>6714</u>	2-12 2HT Z	TIPE C AND D ARROWS
6/14	S-2 SHT 1	S & W BREAKAWAY POST SELECTION CHART	<u>6/14</u>	S-12 SHT 3	C2 ARROW DETAIL
6/14	S-2 SHT 2	S & W BREAKAWAY POST INSTALLATION DETAILS	22:-	3 12 311 3	or minor bernie
6/14	3-2 301 2	3 & W DREAKAWAI FUSI INSTALLATION DETAILS		C 17	CLONE IDENTIFICATION DETAILS
			<u>6/14</u>	S-13	SIGN IDENTIFICATION 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 -	6/14	S-14 SHT 1	ROTATING OPEN/CLOSED SIGN
6/14	3-3 301 2				
		12, 18 AND 24 INCH WIDTHS	6/14	S-14 SHT 2	ROTATING OPEN/CLOSED SIGN DETAILS
6/14	S-3 SHT 3	SINGLE POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY - 30, 36, 42 AND 54 INCH WIDTHS	6/14	S-14 SHT 3	ROTATING OPEN/CLOSED SIGN MOUNTING DETAILS
- · · · ·	0 7 0 7			0 45 00.5	
6/14	S-3 SHT 4	TWO POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY -	6/14	S-15 SHT 1	FOLDING RECTANGULAR SIGN ASSEMBLY
		36, 42 AND 48 INCH WIDTHS	6/14	S-15 SHT 2	FOLDING RECTANGULAR SIGN OPERATION
6/14	S-3 SHT 5	TWO POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY -	6/14	S-15 SHT 3	FOLDING DIAMOND SIGN ASSEMBLY
		54, 60 AND 72 INCH WIDTHS			
6/14	S-3 SHT 6	TWO POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY -	6/14	S-16 SHT 1	TEMPORARY WOOD POSTS
		84 - 144 INCH WIDTHS	6/14	S-16 SHT 2	TEMPORARY WOOD POSTS SELECTION CHART
C /1 /	C 7 CUT 7		0/11	3 10 3111 2	TEIMI ONAINT WOOD TOSTS SEEECTION CHAINT
6/14	S-3 SHT 7	THREE POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY -			
		48, 60 AND 72 INCH WIDTHS	6/14	S-17	END OF ROAD BARRICADE
6/14	S-3 SHT 8	THREE POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY -			
<b>371</b> 1	3 3 3111 6	84 - 144 INCH WIDTHS			
C /1 4	C 7 CUT O				
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	C-1	SAND BARREL CRASH CUSHION
6/14	S-3 SHT 15	SQUARE TUBE SIGN POST FOUNDATION	371.	<b>.</b>	STATE BANKLE STATES
				•	
6/14	S-3 SHT 16	SQUARE TUBE POST SLIP BASE DETAILS	6/14	C-2	SAND BARREL CRASH CUSHION TYPICAL INSTALLATION
6/14	S-4	W SHAPE BREAKAWAY POST FUSE PLATE AND HINGE DETAILS			
6714	3-4	W SHAFE DILAKAWAT POST POSE PLATE AND HINGE DETAILS	6/14	C-3 SHT 1	PRECAST CONCRETE BARRIER STRUCTURAL DETAILS
C (1.4	C	W CHARE BREAKAWAY BOCT BETAILS	6/14	C-3 SHT 2	PRECAST CONCRETE BARRIER PIN AND LOOP ASSEMBLY
6/14	S-5	W SHAPE BREAKAWAY POST DETAILS	0/11	6 3 3111 2	THECAST CONCILE BARRIER TIN AND LOOF ASSEMBLE
6/14	S-6	S4×7.7 BREAKAWAY POST DETAILS	6/14	C-4 SHT 1	MEDIAN CROSSOVER
6/14	S-7 SHT 1	ALUMINUM EXTRUSION SIGN PANEL DETAILS	6/14	C-4 SHT 2	TYPICAL END TREATMENTS FOR DETOURS USING TEMPORARY CONCRETE
6/14	S-7 SHT 2	ALUMINUM EXTRUSION AUXILIARY SIGN INSTALLATION DETAILS	9,11	3 1 3111 2	BARRIER (TCB)
					DAINTIER (100)
5/15	S-7 SHT 3	ALUMINUM EXTRUSION EXIT PANEL INSTALLATION DETAIL			
- · · ·	0 0 0 1 7 1	5 T. G.: 55 T	6/14	C-5 SHT 1	APPROACH PLATE AND TRANSITION SECTION FOR TEMPORARY CONCRETE
6/14	S-8 SHT 1	FLAT SHEET ALUMINUM PANEL ON BREAKAWAY POSTS INSTALLATION DETAIL			BARRIER
6/14	S-8 SHT 2	ALUMINUM EXTRUSION SIGN TO PERFORATED POSTS INSTALLATION DETAIL			
			C /1 /	C E CUT 2	APPROACH PLATE AND TRANSITION SECTION FOR TEMPORARY CONCRETE
6/14	S-9 SHT 1	SIGN INSTALLATION ON POLE	6/14	C-5 SHT 2	
6/14	S-9 SHT 2	SIGN INSTALLATION ON SIGNAL POLE			BARRIER
6/14	S-9 SHT 3	SIGN INSTALLATION ON POLE BAND-TYPE CLAMP			
C /1/	C_10	MILEDOCT AND DEFEDENCE LOCATION SICNS			
6/14	S-10	MILEPOST AND REFERENCE LOCATION SIGNS			
6/14	S-11 SHT 1	TAPERED TUBE SIGN STRUCTURE CANTILEVER			
6/14	S-11 SHT 2	TAPERED TUBE SIGN STRUCTURE CANTILEVER POST AND MAST ARM DETAILS			
6/14	S-11 SHT 3	TAPERED TUBE SIGN STRUCTURE SINGLE BEAM			
6/14	S-11 SHT 4	TAPERED TUBE SIGN STRUCTURE SINGLE BEAM POST AND BEAM DETAILS			

ADOT STANDARD DRAWINGS						
REVI:	SION DATES and STANDARD NO.'s	REVIEW				
	NAME		DA	TE		
SIGNING & MARKING STANDARDS	D. KELLY		OCTOBE	R 2018		
PROJECT NO.  OOOO YV PRS S	1B-2	OF_	24			
RECORD DRAWING FEDERAL AID NO. PRS-0(20	REC. DWG. DATE		OF			

REVISION DATE	SD NUMBER	SUBJECT
RAIL INGS  1/18 1/18 3/09 3/09 1/18 1/18 1/18 1/18 1/18	SD 1.01 SD 1.02 SD 1.04 SD 1.05 SD 1.06 (1 OF 4) SD 1.06 (2 OF 4) SD 1.06 (3 OF 4) SD 1.06 (4 OF 4) SD 1.11	F-SHAPE BRIDGE CONCRETE BARRIER AND TRANSITION (34") F-SHAPE BRIDGE CONCRETE BARRIER AND TRANSITION (44") COMBINATION PEDESTRIAN-TRAFFIC BRIDGE RAILING PEDESTRIAN FENCE FOR BRIDGE RAILING SD 1.04 TWO TUBE BRIDGE RAILING BARRIER JUNCTION BOX
APPROACHES 12/07 12/07 12/07 9/09	SD 2.01 SD 2.02 SD 2.03 SD 2.04	APPROACH SLAB DETAILS TYPE 1 ANCHOR SLAB DETAILS TYPE 2 ANCHOR SLAB DETAILS SLOPE PAVING DETAILS
DECK JOINTS 6/09 12/09 12/09	SD 3.01 SD 3.02 SD 3.03	DECK JOINT ASSEMBLY - COMPRESSION SEAL DECK JOINT ASSEMBLY - STRIP SEAL DECK JOINT ASSEMBLY - RAISED STRIP SEAL
SUBSTRUCTURE	SD 5.01 SD 5.02	STRUCTURAL EXCAVATION - PAYMENT LIMITS STRUCTURE BACKFILL - PAYMENT LIMITS
DRAINAGE STR 5/15 2/12 2/12 2/12 5/15 5/15 5/15 5/15	SD 6. 01 (1 0F 5) SD 6. 01 (2 0F 5) SD 6. 01 (3 0F 5) SD 6. 01 (4 0F 5) SD 6. 01 (5 0F 5) SD 6. 02 (1 0F 2) SD 6. 02 (2 0F 2) SD 6. 03 (1 0F 2) SD 6. 03 (2 0F 2) SD 6. 04 (1 0F 2) SD 6. 04 (2 0F 2) SD 6. 05 (1 0F 2) SD 6. 06 (1 0F 2) SD 6. 06 (1 0F 2) SD 6. 06 (2 0F 2) SD 6. 08 (1 0F 8) SD 6. 08 (2 0F 8) SD 6. 08 (3 0F 8) SD 6. 08 (4 0F 8) SD 6. 08 (5 0F 8) SD 6. 08 (6 0F 8) SD 6. 08 (7 0F 8) SD 6. 08 (8 0F 8) SD 6. 08 (8 0F 8) SD 6. 09 (1 0F 3) SD 6. 09 (2 0F 3) SD 6. 09 (2 0F 3) SD 6. 10 (1 0F 2) SD 6. 11 (1 0F 4) SD 6. 11 (1 0F 4) SD 6. 11 (3 0F 4) SD 6. 11 (4 0F 4)	REINFORCED CONCRETE BOX CULVERTS - MISCELLANEOUS DETAILS REINFORCED CONCRETE BOX CULVERTS - MISCELLANEOUS DETAILS REINFORCED CONCRETE BOX CULVERTS - EXTENSION DETAILS REINFORCED CONCRETE BOX CULVERTS - EXTENSION DETAILS REINFORCED CONCRETE BOX CULVERTS - STRUCTURAL EXCAVATION & STRUCTURE BACKFILL REINFORCED CONCRETE BOX CULVERTS - SINGLE BARREL (0'-30' FILLS) REINFORCED CONCRETE BOX CULVERTS - DOUBLE BARREL (0'-15' FILLS) REINFORCED CONCRETE BOX CULVERTS - DOUBLE BARREL (15'-30' FILLS) REINFORCED CONCRETE BOX CULVERTS - TRIPLE BARREL (15'-30' FILLS) REINFORCED CONCRETE BOX CULVERTS - TRIPLE BARREL (15'-30' FILLS) REINFORCED CONCRETE BOX CULVERTS - FOUR BARREL (10'-15' FILLS) REINFORCED CONCRETE BOX CULVERTS - FOUR BARREL (15'-30' FILLS) REINFORCED CONCRETE BOX CULVERTS - FOUR BARREL (15'-30' FILLS) REINFORCED CONCRETE BOX CULVERTS - FIVE BARREL (15'-30' FILLS) REINFORCED CONCRETE BOX CULVERTS - FIVE BARREL (15'-30' FILLS) REINFORCED CONCRETE BOX CULVERTS - FIVE BARREL (15'-30' FILLS) REINFORCED CONCRETE BOX CULVERTS - FIVE BARREL (15'-30' FILLS) REINFORCED CONCRETE BOX CULVERTS - SIX BARREL (15'-30' FILLS) REINFORCED CONCRETE BOX CULVERTS - SIX BARREL (15'-30' FILLS) REINFORCED CONCRETE BOX CULVERTS - OUTLET WINGS - SKEW 0°+0 20° - CULVERT HEIGHT 3'+0 7' REINFORCED CONCRETE BOX CULVERTS - OUTLET WINGS - SKEW 0°+0 20° - CULVERT HEIGHT 3'+0 7' REINFORCED CONCRETE BOX CULVERTS - INLET WINGS - SKEW 0°+0 20° - CULVERT HEIGHT 3'+0 7' REINFORCED CONCRETE BOX CULVERTS - OUTLET WINGS - SKEW 0°+0 20° - CULVERT HEIGHT 3'+0 7' REINFORCED CONCRETE BOX CULVERTS - OUTLET WINGS - SKEW 0°+0 20° - CULVERT HEIGHT 3'+0 7' REINFORCED CONCRETE BOX CULVERTS - OUTLET WINGS - SKEW 0°+0 20° - CULVERT HEIGHT 3'+0 7' REINFORCED CONCRETE BOX CULVERTS - OUTLET WINGS - SKEW 25°+0 45° - CULVERT HEIGHT 3'+0 7' REINFORCED CONCRETE BOX CULVERTS - OUTLET WINGS - SKEW 25°+0 45° - CULVERT HEIGHT 3'+0 7' REINFORCED CONCRETE BOX CULVERTS - HEADWALL OUANTITIES - 6 : I SLOPE REINFORCED CONCRETE BOX CULVERTS - HEADWALL OUANTITIES - 6 : I SLOPE REINFORCE
7/12 7/12 7/12 7/12 7/12 7/12 7/12 7/12	SD 6. 30 (1 OF 5) SD 6. 30 (2 OF 5) SD 6. 30 (3 OF 5) SD 6. 30 (4 OF 5) SD 6. 30 (5 OF 5) SD 6. 31 (1 OF 8) SD 6. 31 (2 OF 8) SD 6. 31 (2 OF 8) SD 6. 31 (4 OF 8) SD 6. 31 (4 OF 8) SD 6. 31 (6 OF 8) SD 6. 31 (6 OF 8) SD 6. 31 (7 OF 8) SD 6. 31 (8 OF 8) SD 6. 32 (1 OF 8) SD 6. 32 (1 OF 8) SD 6. 32 (2 OF 8) SD 6. 32 (4 OF 8) SD 6. 32 (4 OF 8) SD 6. 32 (6 OF 8) SD 6. 32 (7 OF 8) SD 6. 32 (8 OF 8) SD 6. 32 (8 OF 8)	PIPE CULVERT HEADWALLS - MISCELLANEOUS DETAILS PIPE CULVERT HEADWALLS - INLET AND OUTLET - 18" to 42" PIPES PIPE CULVERT HEADWALLS - RIGHT ANGLE INLET AND OUTLET - 48" to 84" PIPES PIPE CULVERT HEADWALLS - SKEWED INLET AND OUTLET - 48" to 84" PIPES PIPE CULVERT HEADWALLS - MULTI-PIPE - 48" to 84" PIPES PIPE CULVERT HEADWALLS - RIGHT ANGLE INLET PIPE CULVERT HEADWALLS - RIGHT ANGLE INLET - 2:1 SLOPE PIPE CULVERT HEADWALLS - RIGHT ANGLE INLET - 4:1 SLOPE PIPE CULVERT HEADWALLS - RIGHT ANGLE INLET - 6:1 SLOPE PIPE CULVERT HEADWALLS - RIGHT ANGLE OUTLET PIPE CULVERT HEADWALLS - RIGHT ANGLE OUTLET - 2:1 SLOPE PIPE CULVERT HEADWALLS - RIGHT ANGLE OUTLET - 4:1 SLOPE PIPE CULVERT HEADWALLS - RIGHT ANGLE OUTLET - 4:1 SLOPE PIPE CULVERT HEADWALLS - RIGHT ANGLE OUTLET - 6:1 SLOPE PIPE CULVERT HEADWALLS - 15° SKEW INLET - 2:1 SLOPE PIPE CULVERT HEADWALLS - 15° SKEW INLET - 2:1 SLOPE PIPE CULVERT HEADWALLS - 15° SKEW INLET - 4:1 SLOPE PIPE CULVERT HEADWALLS - 15° SKEW INLET - 6:1 SLOPE PIPE CULVERT HEADWALLS - 15° SKEW INLET - 2:1 SLOPE PIPE CULVERT HEADWALLS - 15° SKEW OUTLET - 4:1 SLOPE PIPE CULVERT HEADWALLS - 15° SKEW OUTLET - 4:1 SLOPE PIPE CULVERT HEADWALLS - 15° SKEW OUTLET - 4:1 SLOPE PIPE CULVERT HEADWALLS - 15° SKEW OUTLET - 4:1 SLOPE PIPE CULVERT HEADWALLS - 15° SKEW OUTLET - 4:1 SLOPE PIPE CULVERT HEADWALLS - 15° SKEW OUTLET - 4:1 SLOPE PIPE CULVERT HEADWALLS - 15° SKEW OUTLET - 4:1 SLOPE PIPE CULVERT HEADWALLS - 15° SKEW OUTLET - 4:1 SLOPE PIPE CULVERT HEADWALLS - 15° SKEW OUTLET - 4:1 SLOPE

REVISION DATE	SD NUMBER	SUBJECT
DRAINAGE STR 7/12 7/12 7/12 7/12 7/12 7/12 7/12 7/12	SUCTURES (Continued)  SD 6.33 (1 OF 8)  SD 6.33 (2 OF 8)  SD 6.33 (3 OF 8)  SD 6.33 (4 OF 8)  SD 6.33 (5 OF 8)  SD 6.33 (6 OF 8)  SD 6.33 (7 OF 8)  SD 6.33 (8 OF 8)  SD 6.34 (1 OF 8)  SD 6.34 (1 OF 8)  SD 6.34 (2 OF 8)  SD 6.34 (4 OF 8)  SD 6.34 (6 OF 8)  SD 6.34 (6 OF 8)  SD 6.34 (7 OF 8)  SD 6.34 (8 OF 8)  SD 6.34 (8 OF 8)  SD 6.35 (1 OF 2)  SD 6.36 (1 OF 4)  SD 6.36 (2 OF 4)  SD 6.36 (3 OF 4)  SD 6.36 (4 OF 4)	PIPE CULVERT HEADWALLS - 30° SKEW INLET PIPE CULVERT HEADWALLS - 30° SKEW INLET - 2:1 SLOPE PIPE CULVERT HEADWALLS - 30° SKEW INLET - 4:1 SLOPE PIPE CULVERT HEADWALLS - 30° SKEW INLET - 6:1 SLOPE PIPE CULVERT HEADWALLS - 30° SKEW OUTLET PIPE CULVERT HEADWALLS - 30° SKEW OUTLET - 2:1 SLOPE PIPE CULVERT HEADWALLS - 30° SKEW OUTLET - 4:1 SLOPE PIPE CULVERT HEADWALLS - 30° SKEW OUTLET - 6:1 SLOPE PIPE CULVERT HEADWALLS - 45° SKEW INLET PIPE CULVERT HEADWALLS - 45° SKEW INLET - 2:1 SLOPE PIPE CULVERT HEADWALLS - 45° SKEW INLET - 6:1 SLOPE PIPE CULVERT HEADWALLS - 45° SKEW INLET - 6:1 SLOPE PIPE CULVERT HEADWALLS - 45° SKEW OUTLET - 4:1 SLOPE PIPE CULVERT HEADWALLS - 45° SKEW OUTLET - 6:1 SLOPE PIPE CULVERT HEADWALLS - 45° SKEW OUTLET - 6:1 SLOPE PIPE CULVERT HEADWALLS - 45° SKEW OUTLET - 6:1 SLOPE PIPE CULVERT HEADWALLS - MULTI-PIPE WITHOUT APRON PIPE CULVERT HEADWALLS - MULTI-PIPE WITHOUT APRON PIPE CULVERT HEADWALLS - MULTI-PIPE WITHOUT APRON PIPE CULVERT HEADWALLS - OUTLET APRONS PIPE CULVERT HEADWALLS - OUTLET APRON STEEL LIST - 2:1 SLOPE PIPE CULVERT HEADWALLS - OUTLET APRON STEEL LIST - 4:1 SLOPE PIPE CULVERT HEADWALLS - OUTLET APRON STEEL LIST - 4:1 SLOPE PIPE CULVERT HEADWALLS - OUTLET APRON STEEL LIST - 4:1 SLOPE PIPE CULVERT HEADWALLS - OUTLET APRON STEEL LIST - 4:1 SLOPE
RETAINING WA 1/15 1/15 1/15 1/15 1/15 1/15 9/10 9/10	SD 7.01 (1 OF 5) SD 7.01 (2 OF 5) SD 7.01 (3 OF 5) SD 7.01 (4 OF 5) SD 7.01 (5 OF 5) SD 7.02 (1 OF 2) SD 7.02 (2 OF 2)	RETAINING WALL (REINFORCED CONCRETE CANTILEVER) RETAINING WALL (MASONRY CANTILEVER) RETAINING WALL (MASONRY CANTILEVER)
SOUND BARRIE 4/10 1/13 1/13	R WALLS SD 8.01 SD 8.02 (1 OF 2) SD 8.02 (2 OF 2)	SOUND BARRIER WALL (CONCRETE) SOUND BARRIER WALL (MASONRY) SOUND BARRIER WALL (MASONRY)
TRAFFIC STRU 11/04 4/00 4/00 4/00 4/00 11/04 5/00 5/00 5/00	SD 9. 01 (1 0F 5) SD 9. 01 (2 0F 5) SD 9. 01 (3 0F 5) SD 9. 01 (4 0F 5) SD 9. 01 (5 0F 5) SD 9. 02 (1 0F 5) SD 9. 02 (2 0F 5) SD 9. 02 (3 0F 5) SD 9. 02 (4 0F 5) SD 9. 02 (5 0F 5)	MEDIAN SIGN STRUCTURE (TWO SIDED) - ELEVATION & NOTES MEDIAN SIGN STRUCTURE (TWO SIDED) - FOUNDATION DETAILS MEDIAN SIGN STRUCTURE (TWO SIDED) - TYPE A SIGN MOUNT ASSEMBLY MEDIAN SIGN STRUCTURE (TWO SIDED) - TYPE B SIGN MOUNT ASSEMBLY MEDIAN SIGN STRUCTURE (TWO SIDED) - LIGHT SUPPORT AND MISC. DETAILS MEDIAN SIGN STRUCTURE (ONE SIDED) - ELEVATION & NOTES MEDIAN SIGN STRUCTURE (ONE SIDED) - FOUNDATION DETAILS MEDIAN SIGN STRUCTURE (ONE SIDED) - TYPE A SIGN MOUNT ASSEMBLY MEDIAN SIGN STRUCTURE (ONE SIDED) - TYPE B SIGN MOUNT ASSEMBLY MEDIAN SIGN STRUCTURE (ONE SIDED) - LIGHT SUPPORT AND MISC. DETAILS
3/11 3/11 3/11 3/11 3/11 3/11 3/11 3/11	SD 9.10 (1 OF 5) SD 9.10 (2 OF 5) SD 9.10 (3 OF 5) SD 9.10 (4 OF 5) SD 9.10 (5 OF 5) SD 9.20 (1 OF 5) SD 9.20 (2 OF 5) SD 9.20 (3 OF 5) SD 9.20 (4 OF 5) SD 9.20 (5 OF 5)	TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - GENERAL PLAN TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - FOUNDATION DETAILS TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - POST AND MAST ARM DETAILS TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - SIGN SUPPORT DETAILS TUBULAR SIGN STRUCTURES - TUBULAR CANTILEVER - LIGHT SUPPORT DETAILS TUBULAR SIGN STRUCTURES - TUBULAR FRAME - GENERAL PLAN TUBULAR SIGN STRUCTURES - TUBULAR FRAME - FOUNDATION DETAILS TUBULAR SIGN STRUCTURES - TUBULAR FRAME - POST AND MAST ARM DETAILS TUBULAR SIGN STRUCTURES - TUBULAR FRAME - SIGN SUPPORT DETAILS TUBULAR SIGN STRUCTURES - TUBULAR FRAME - SIGN SUPPORT AND MISC. DETAILS
8/02 8/02 8/02 7/00 7/00 8/02 3/17 3/17 3/17 3/17 1/15 1/15 1/15 1/15	SD 9.50 (1 OF 5) SD 9.50 (2 OF 5) SD 9.50 (3 OF 5) SD 9.50 (4 OF 5) SD 9.50 (5 OF 5) SD 9.51 SD 9.52 (1 of 5) SD 9.52 (2 of 5) SD 9.52 (3 of 5) SD 9.52 (4 of 5) SD 9.52 (5 of 5) SD 9.53 (1 of 5) SD 9.53 (1 of 5) SD 9.53 (2 of 5) SD 9.53 (3 of 5) SD 9.53 (4 of 5) SD 9.53 (4 of 5) SD 9.53 (5 of 5)	VARIABLE MESSAGE SIGN - TUBULAR FRAME - PLAN & ELEVATION VARIABLE MESSAGE SIGN - TUBULAR FRAME - MOUNTING DETAILS VARIABLE MESSAGE SIGN - TUBULAR FRAME - MOUNTING & SIGN BRACKET DETAILS VARIABLE MESSAGE SIGN - CATWALK - HANDRAIL DETAILS VARIABLE MESSAGE SIGN - CATWALK - MISCELLANEOUS DETAILS DUAL VARIABLE MESSAGE SIGN - TUBULAR FRAME DYNAMIC MESSAGE SIGN - TUBULAR FRAME - PLAN & ELEVATION DYNAMIC MESSAGE SIGN - TUBULAR FRAME - MOUNTING DETAILS DYNAMIC MESSAGE SIGN - TUBULAR FRAME - MOUNTING DETAILS DYNAMIC MESSAGE SIGN - CATWALK - HANDRAIL DETAILS DYNAMIC MESSAGE SIGN - CATWALK - MISCELLANEOUS DETAILS DMS (VARIABLE TILT CABINET) - TUBULAR FRAME - PLAN & ELEVATION DMS (VARIABLE TILT CABINET) - TUBULAR FRAME - MOUNTING DETAILS DMS (VARIABLE TILT CABINET) - TUBULAR FRAME - MOUNTING DETAILS DMS (VARIABLE TILT CABINET) - TUBULAR FRAME - MOUNTING DETAILS DMS (VARIABLE TILT CABINET) - CATWALK - HANDRAIL DETAILS DMS (VARIABLE TILT CABINET) - CATWALK - HANDRAIL DETAILS DMS (VARIABLE TILT CABINET) - CATWALK - MISCELLANEOUS DETAILS DMS (VARIABLE TILT CABINET) - CATWALK - MISCELLANEOUS DETAILS

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	PRS-0(207)T	2	24	
		0000 YV PRS			

#### MIDPOINT OF PROJECT

Central Zone State Plane Coordinates (NAD 83)

> GAF = 1.000329975 Y = 1,288,200 X = 530,400

#### **ABBREVIATIONS:**

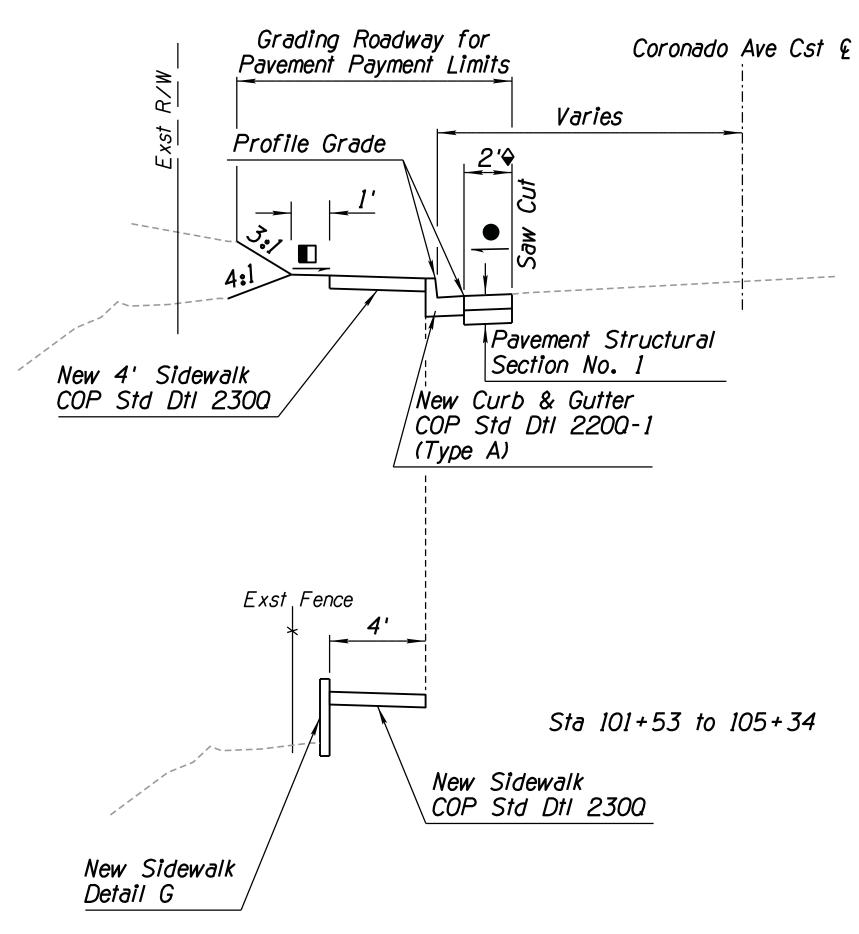
BCR - Begin Curb Return COP - City of Prescott ECR - End Curb Return LG - Lip of Gutter

#### LENGTH OF PROJECT

Sta 100+40 to 121+65.38 = 2085.38' = 0.39 Miles

Gross Length = 2085.38' = 0.39 Miles

Net Length = 2085.38' = 0.39 Miles

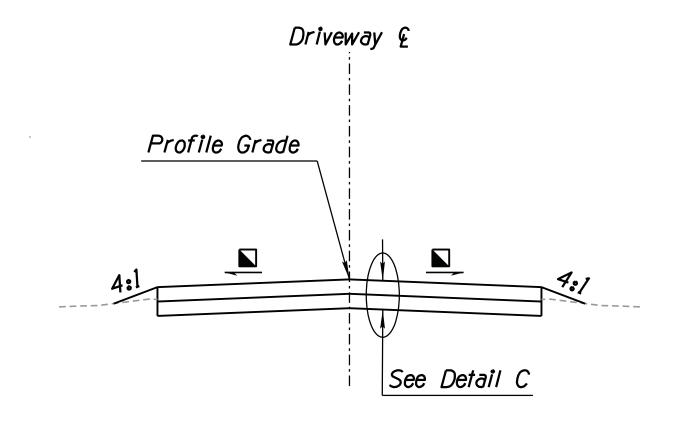


TYPICAL SECTION
CORONADO AVE
Sta 100+40 to 121+65.38

#### INDEX OF SHEETS

Sheet No. Sheet Type

1	Face Sheet
1A, 1B-1, 1B-2 & 1D	ADOT Standard Drawings
2	Design Sheet, Typical Sections
	& Index of Sheets
3	Key Map
4-7	Roadway Detail Sheets
8-10	COP Standard Details, MAG Standard Details
11	Horizontal and Vertical Survey Control Sheet
12-17	Plan and Profile Sheets
18-21 22-24	Traffic Control Plans Pavement Marking Plans
	_



### TYPICAL SECTION DRIVEWAY

DRIVEWAY

Coronado Ave Cst &

Sta 101+39

Sta 104+33

Sta 106+43

Sta 106+91

Sta 118+98

#### GENERAL NOTES

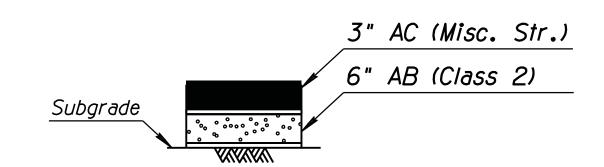
The roadway plans have been designed utilizing the 2012 Construction Standard Drawings (C-Series) and Current Revisions and the 2017 MAG Standard Details and current revisions and City of Prescott (COP) Standard Details. Refer to the 1A sheet for a listing of current revision dates for C-Series drawings.

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.

Where only the horizontal location of an existing utility is shown, the location is approximate. Where both the horizontal and vertical location of an existing utility is shown, the location has been verified by field survey methods. The contractor shall comply with all current Blue Stake laws and Section 107.15 of the Specifications.

New Right-of-Way and Slope Easements are required.

The average project elevation is 5470'.



Total Thickness = 9"

PAVEMENT STRUCTURAL SECTION No. 1

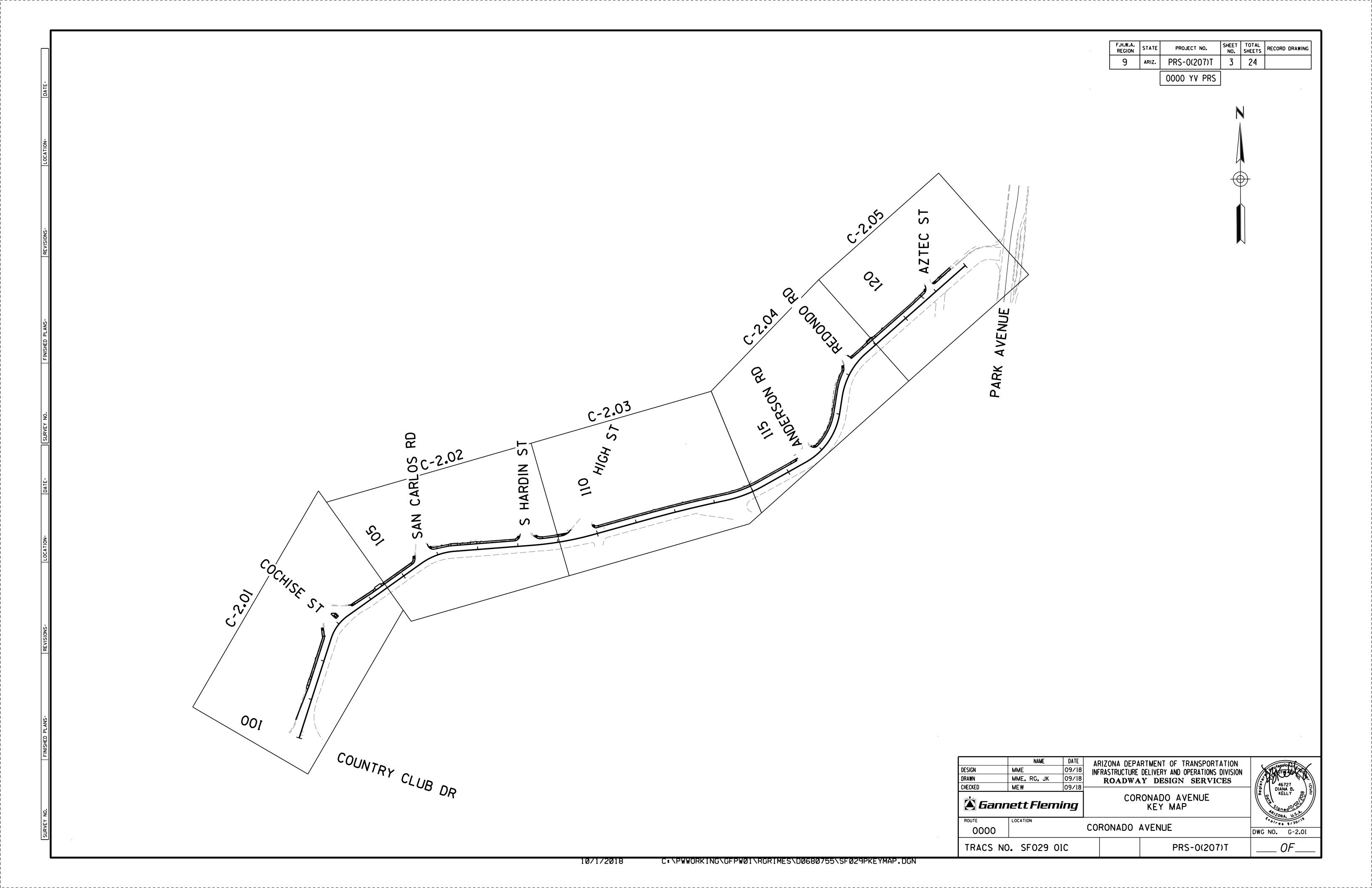
0.02'/ft ±	Cross-slope.	Matches	Existina	Road

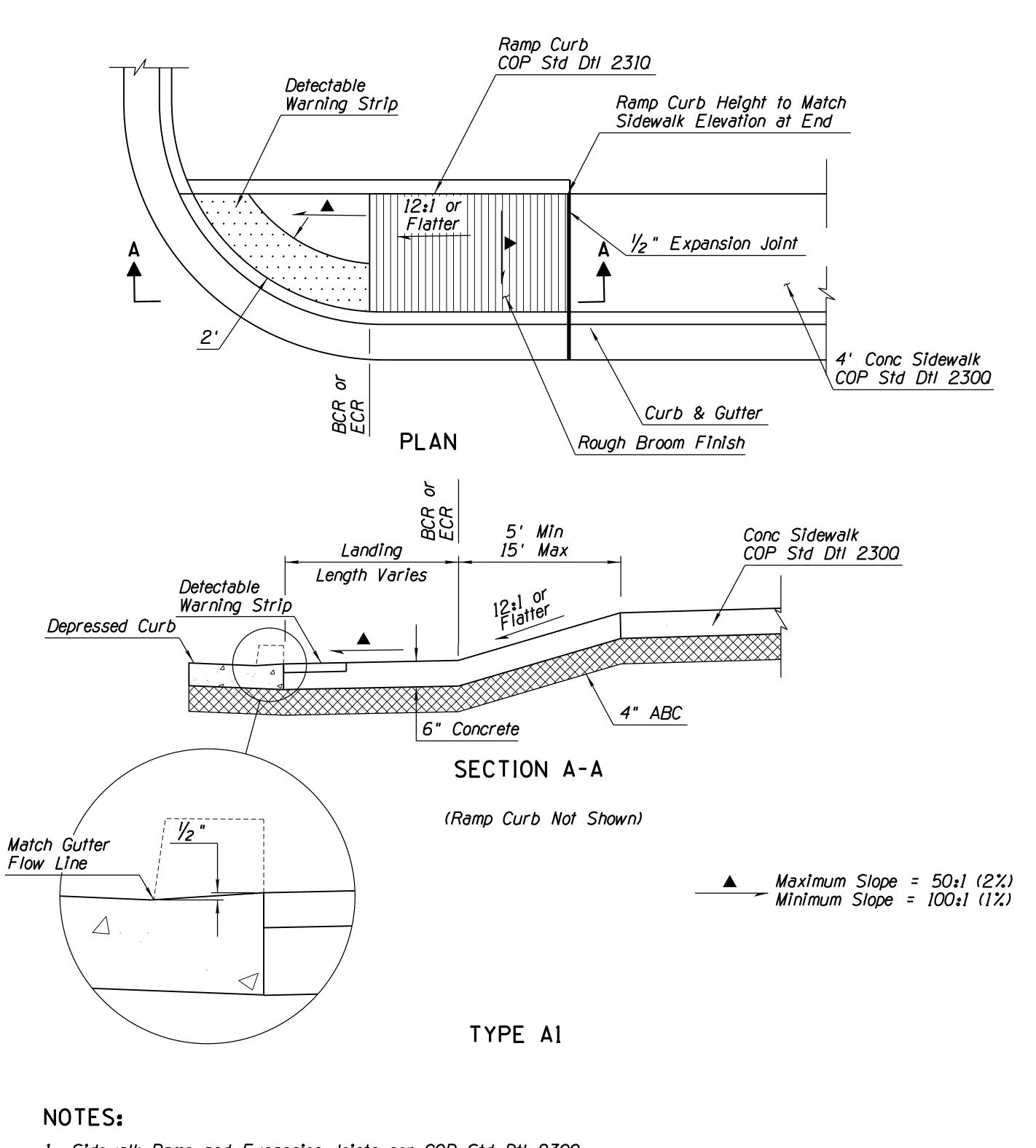
■ 1.5% Match Sidewalk Cross Slope

♦ See Plans for Location Where Dimension Varies

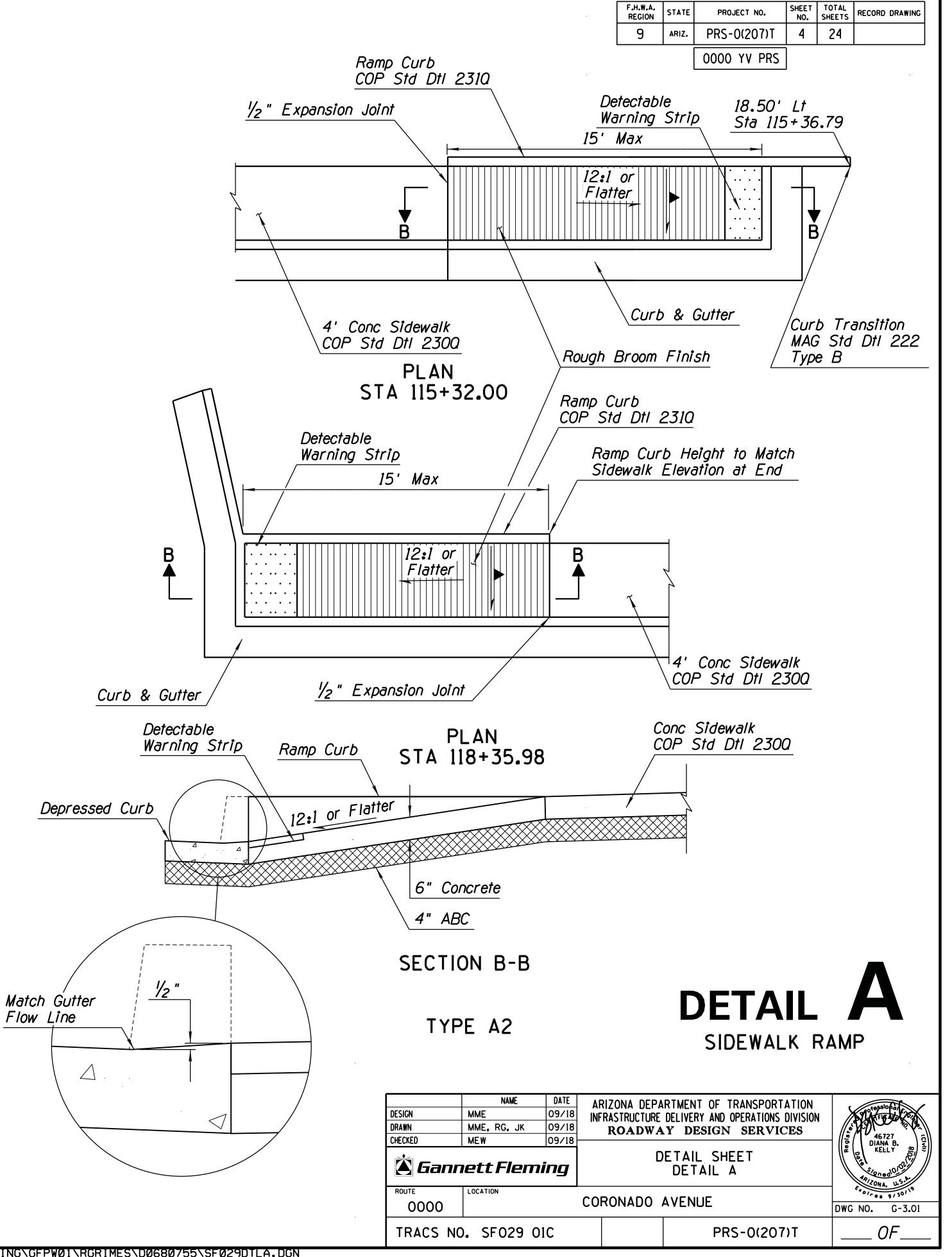
■ Varies, Warp to Match Existing

	NAME	DATE	ARIZONA DEPA	RTMENT OF TRANSPO	ORTATION	, asio	
MME 09/18 MME, RG, JK 09/18			DELIVERY AND OPERATION		A PLACE VE		
		ROADWA		16/8 //			
.D	MEW	09/18	1,012212			9 4672 DIANA	B.   \fi
Gannett Fleming			DESIGN SHEET, TYPICAL SECTION & INDEX OF SHEETS			KELL Signed	101001 =
E	LOCATION		COPONADO	A VENI IE		) s	9/30/19
0000			CORONADO AVENUE			DWG NO.	G-1.01
ACS NO. SF029 01C				PRS-0(2	207)T	0	F

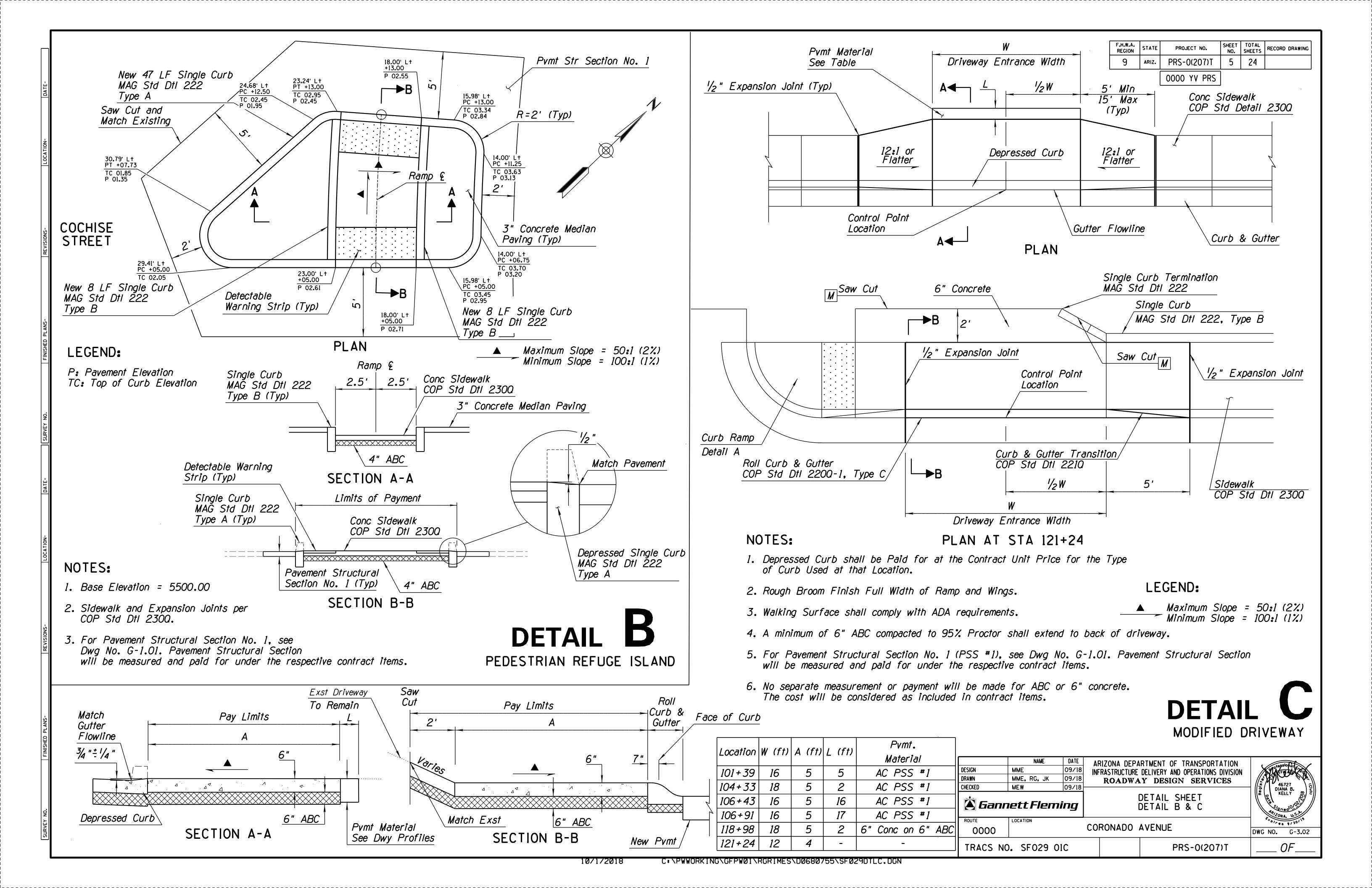


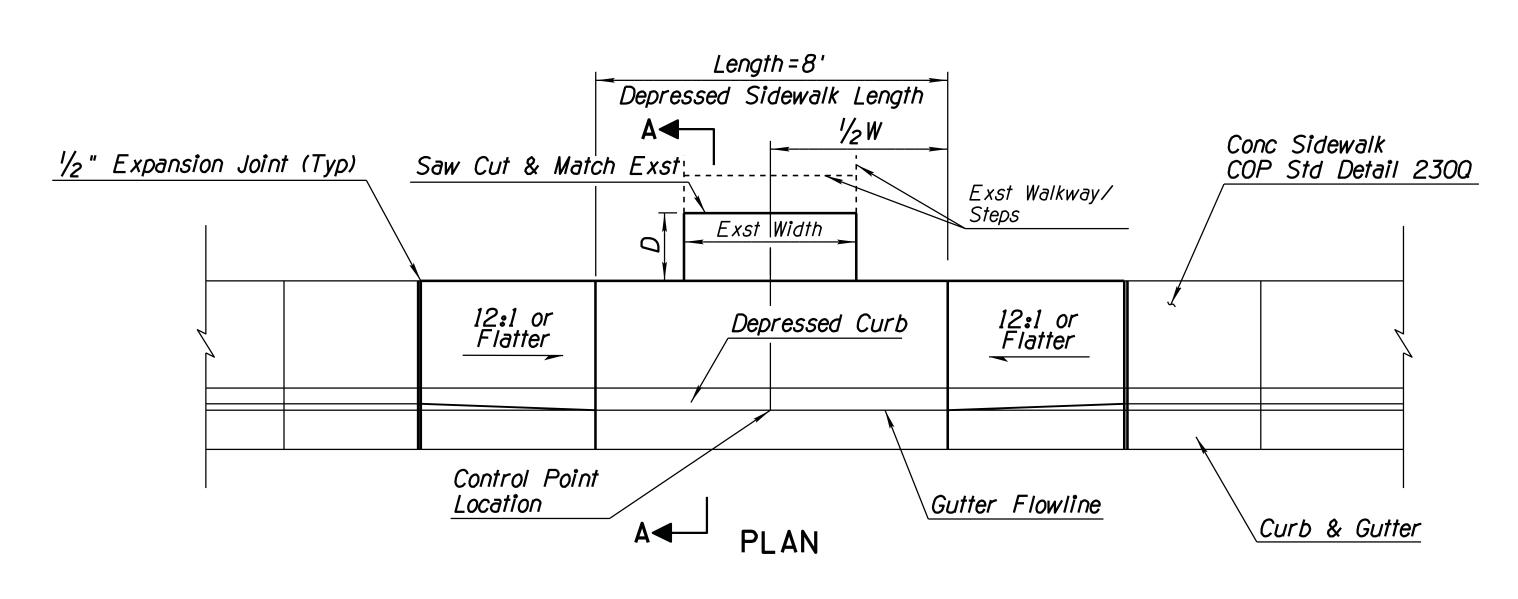


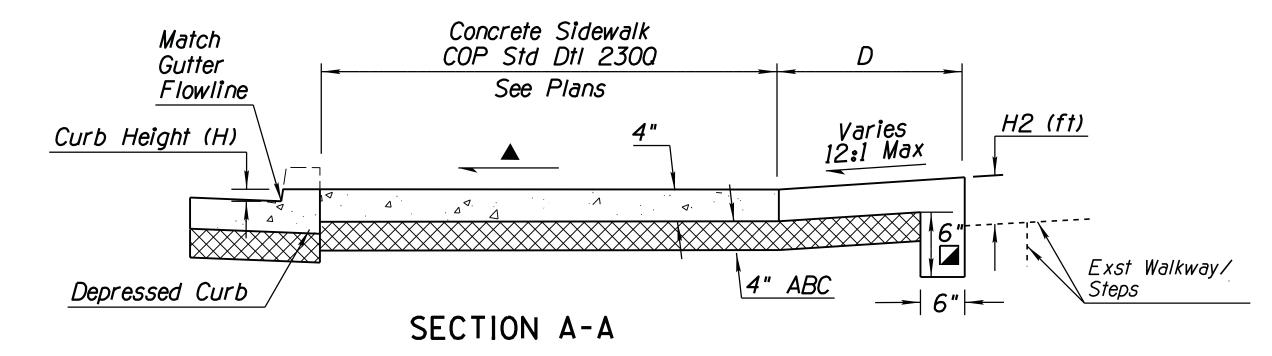
- 1. Sidewalk Ramp and Expansion Joints per COP Std Dtl 2300.
- 2. Sidewalk Ramps will be measured and paid under item 9080296 Concrete Sidewalk Ramp (Detail A). Concrete Curb & Gutter, Sidewalk & ABC will be measured & paid under respective contract items.
- 3. No separate measurement or payment will be made for detectable warning strip or ramp curbs and transitions. The cost will be considered as included in contract items.



PROJECT NO.







#### NOTES:

- 1. Rough Broom Finish Full Width of Ramps.
- 2. Modified sidewalk will be measured & paid under Item 9080242.
- 3. Walking Surface shall comply with ADA requirements.
- 4. A minimum of 4" ABC on 6" compacted subgrade per COP Std Dtl 2300.
- 5. Removal & reconstruction of walkways will be paid for as Bid Item 9240010-Force Account (Reconstruct Walkways) (Detail D).

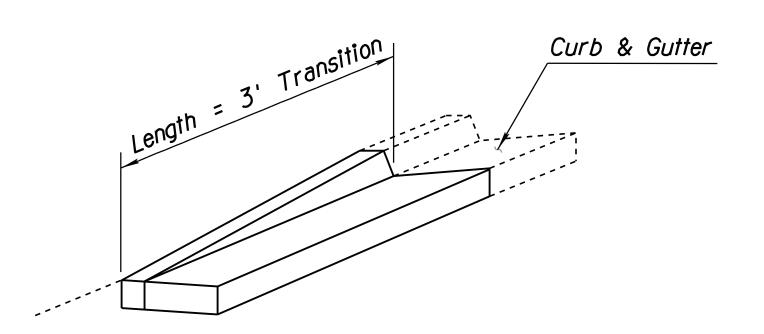
Location	H (ft)	H2 (ft)	D (ft)	Walkway Material
106 + 15	0.50'	0.42'	1.61'	Concrete
106+64	0.44'	0.50'	0.9'	CMU
107 + 17	0.50'	0.50'	0'	Concrete
107 + 70	0.13'	0.58'	0'	Concrete
112+24	0.50'	0.38'	1.1'	Concrete
119+40	0.11'	0'	0'	Flagstone
119+82	0.50'	0'	2'	Brick
120+27	0.50'	0'	2'	Brick

#### LEGEND:

Maximum Slope = 50:1 (2%)
Minimum Slope = 100:1 (1%)
Concrete 6" Turn down required at step, when H2 > 0.



F.H.W.A. REGION SHEET TOTAL RECORD DRAWING PRS-0(207)T 24 0000 YV PRS



## DETAIL L CURB AND GUTTER TRANSITION

ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES MME, RG, JK 09/18 CHECKED **Gannett Fleming** 

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TRACS NO. SF029 01C

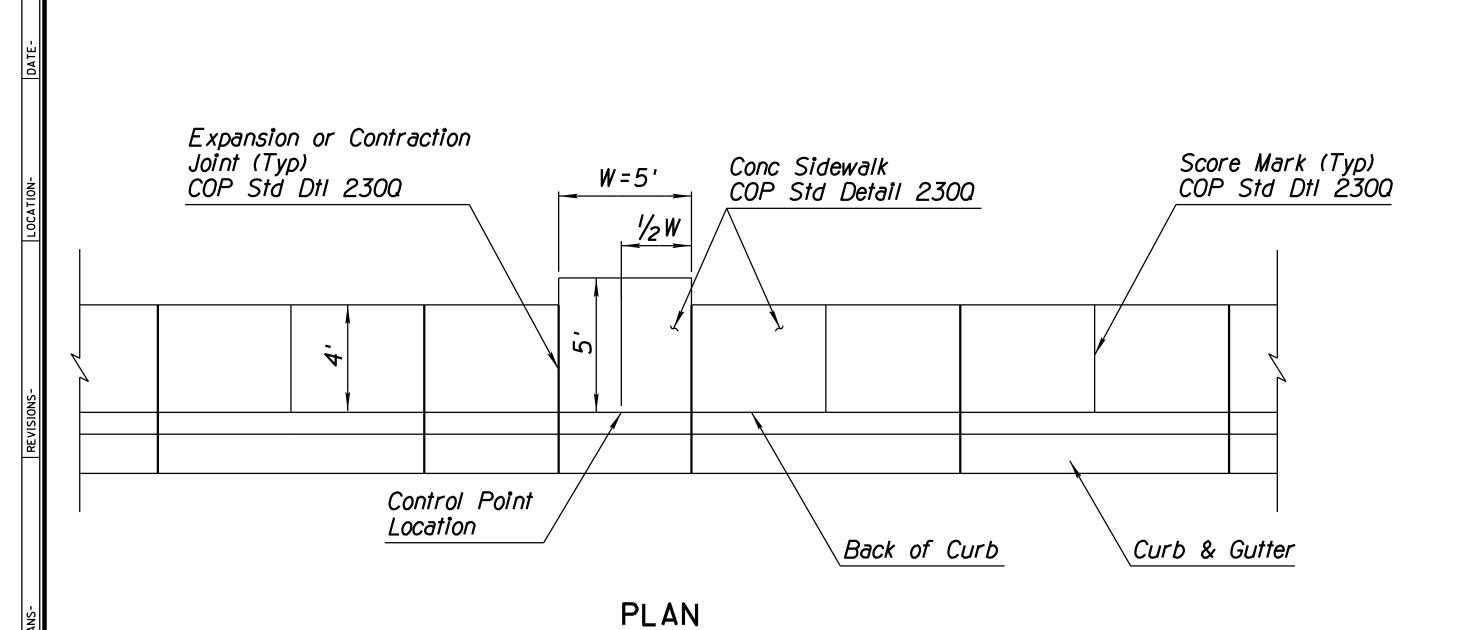
DETAIL SHEET DETAIL D & E

PRS-0(207)T

CORONADO AVENUE

DWG NO. G-3.03

C:\PWWORKING\GFPW01\RGRIMES\D0680755\SF029DTLD.DGN

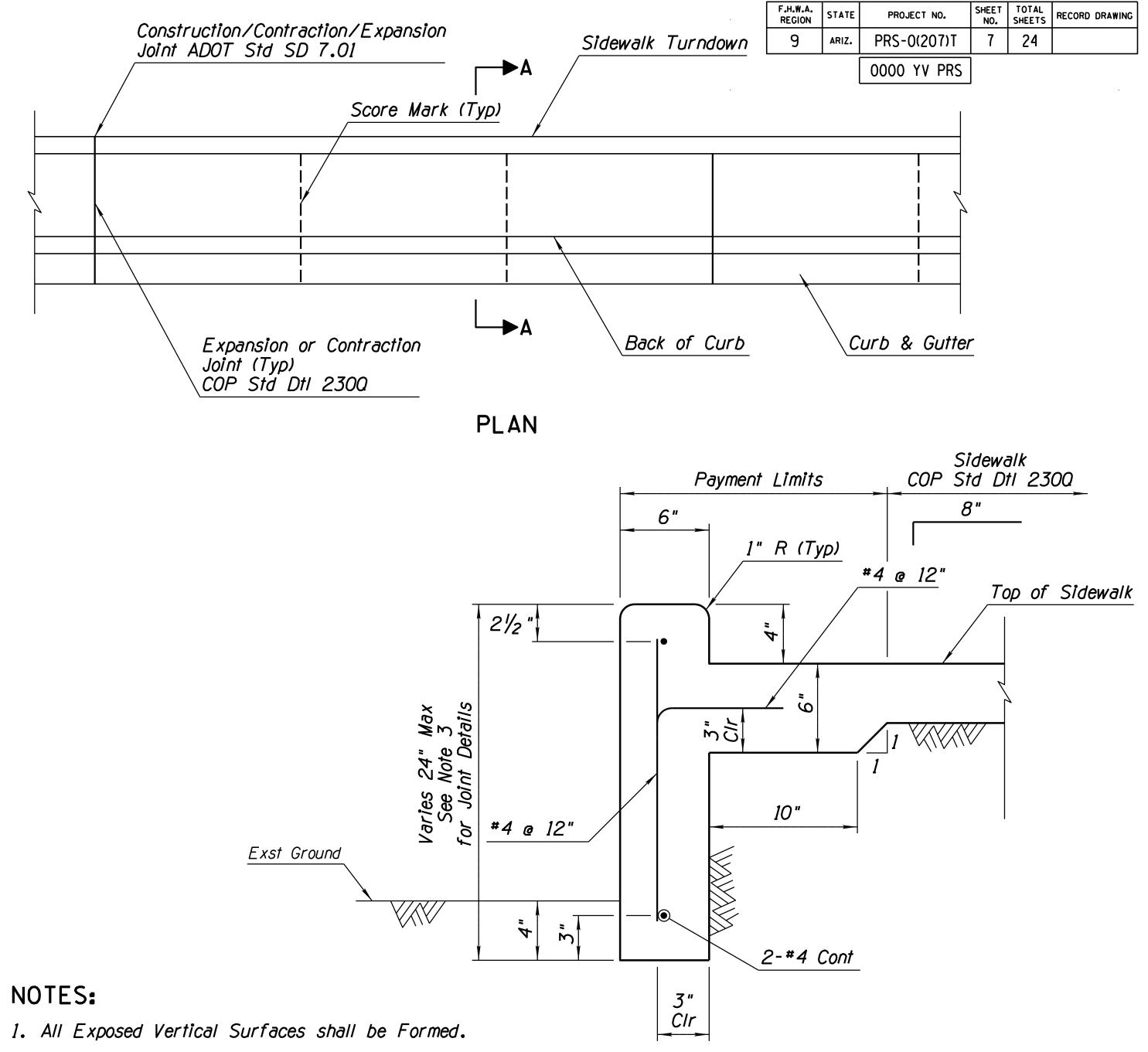


Location Table 102+00 Lt 107 + 10 Lt 111+50 Lt 113+50 Lt 117 + 10 Lt

#### NOTES:

- 1. Walking Surface shall comply with ADA requirements.
- 2. A minimum of 4" ABC on 6" compacted subgrade per COP Std Dtl 2300.
- 3. Sidewalk will be measured and paid for under Bid Item 9080242-Concrete Sidewalk (COP Std Dtl 2300).

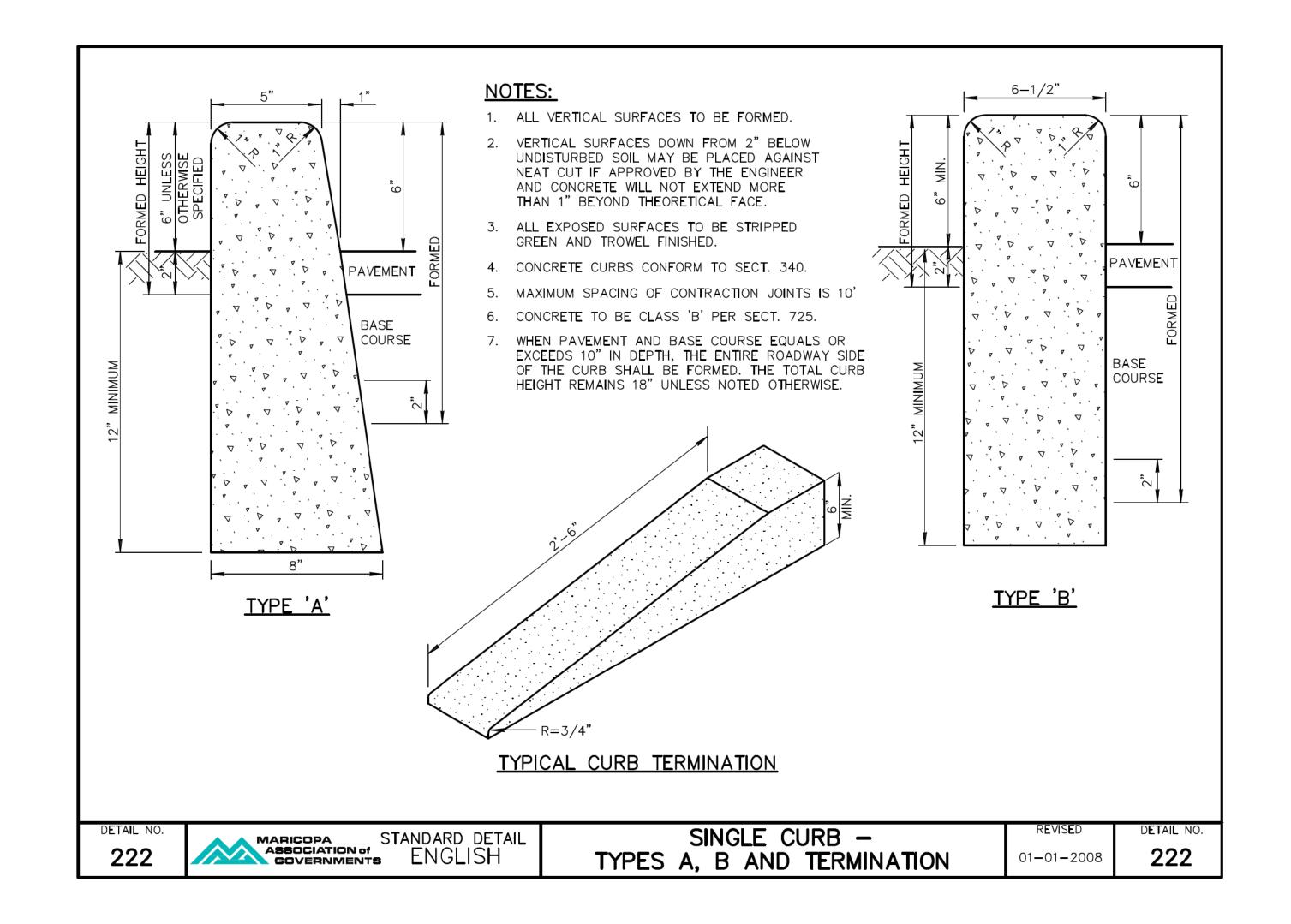




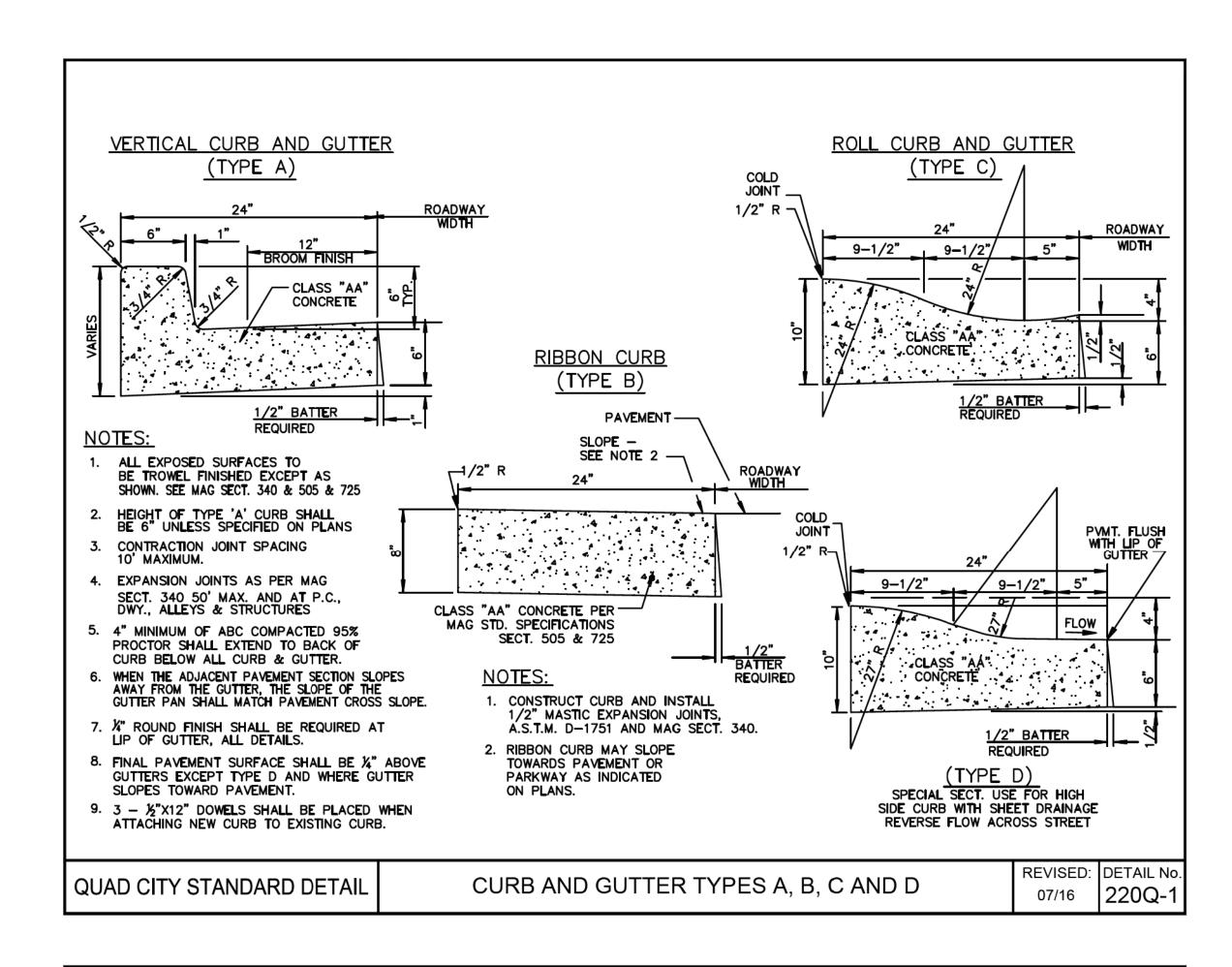
- 2. Locations as shown in Plans or as Directed by the Engineer. SECTION A-A
- 3. See Std SD 7.01 for Construction, Expansion, and Contraction joint locations and details.
- 4. Walking surface shall conform to ADA requirements and shall be light broom finished.
- 5. Precast elements will not be considered for Detail G.
- 6. Sidewalk (Detail G) will be measured and paid for under Item No. 9080243-Concrete Sidewalk (Detail G).

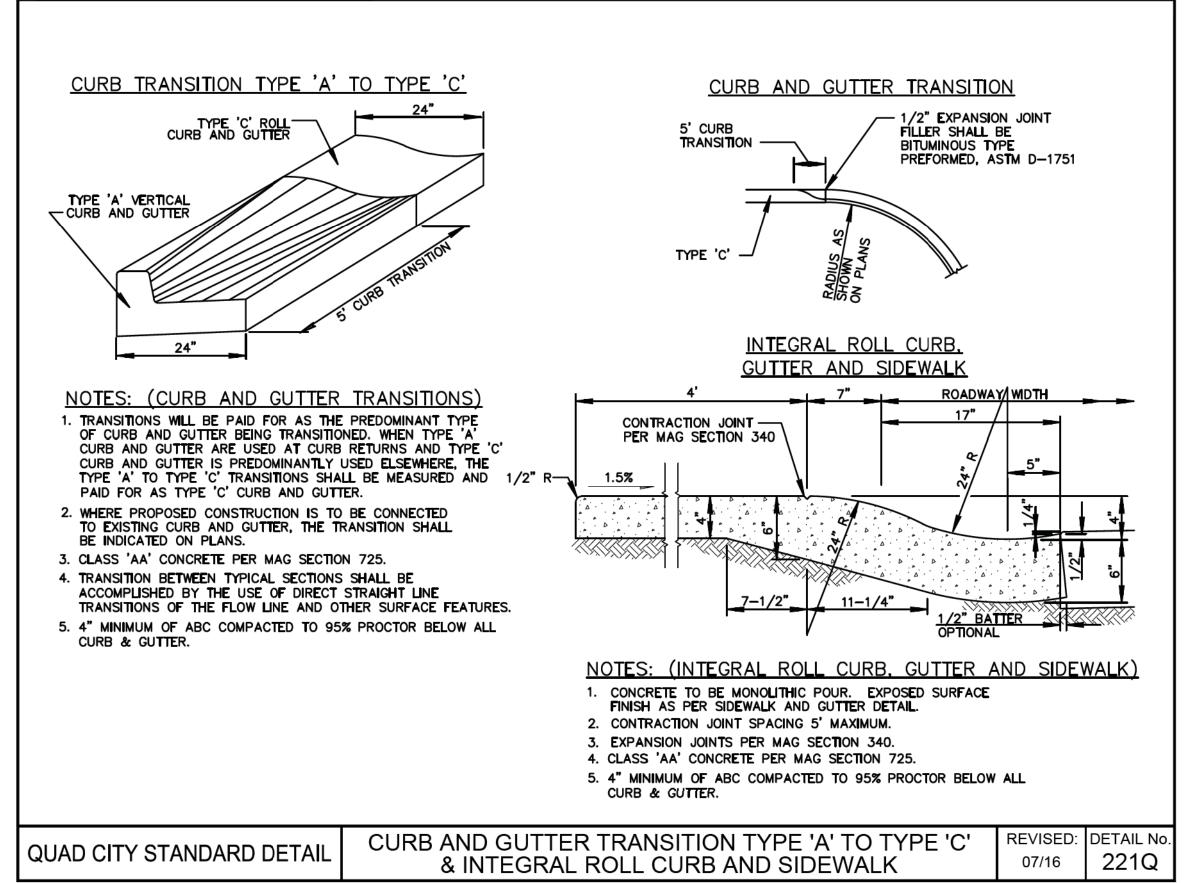


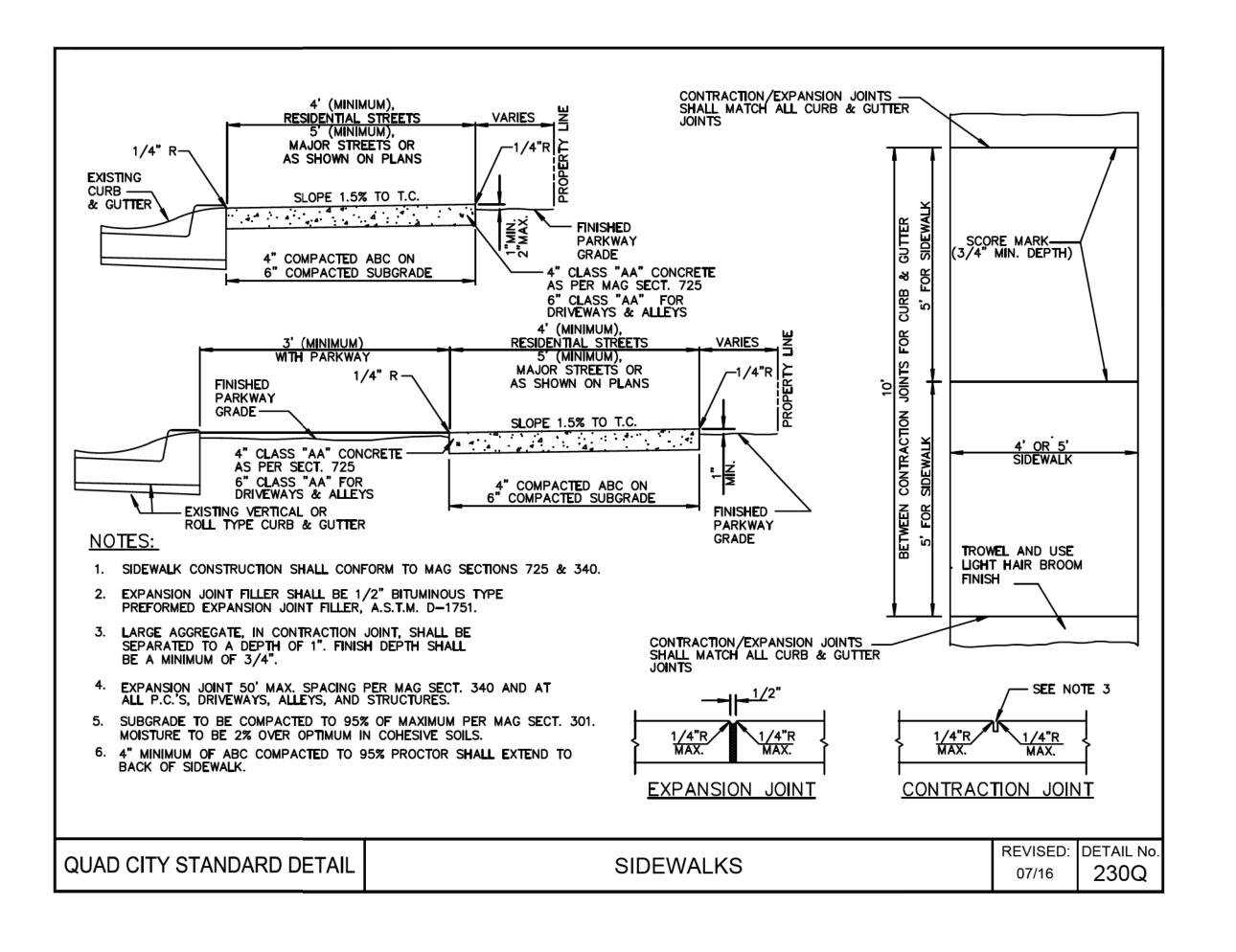
	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION		session:
DESIGN	MME		INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION		A PLANTING AND LOCAL
RAWN	MME, RG, JK	09/18		Y DESIGN SERVICES	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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<b>E</b> Gannett Fleming		ing	1	KELLY SO E	
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0000		C	CORONADO AVENUE		DWG NO. G-3.04
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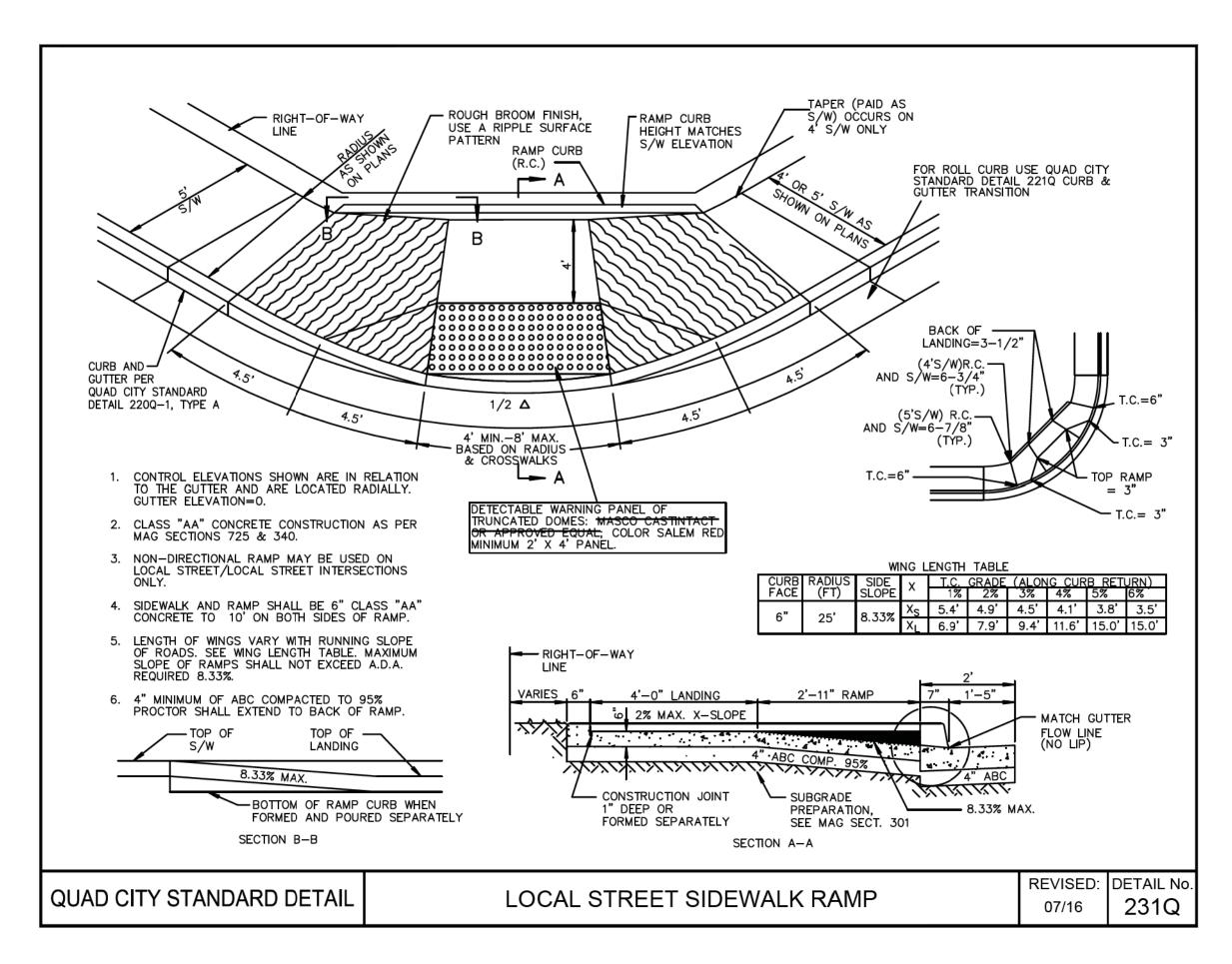
MAG STANDARD DRAWINGS							
	NAME		DA	TE			
CONSTRUCTION Standards	D. KELLY			BER 2018			
PROJECT NO.  OOOO YV PRS	SF029 OIC	8	OF	24			
RECORD DRAWING FEDERAL AID NO. DATA PRS-0(2)	REC. DWG. DATE		OF				

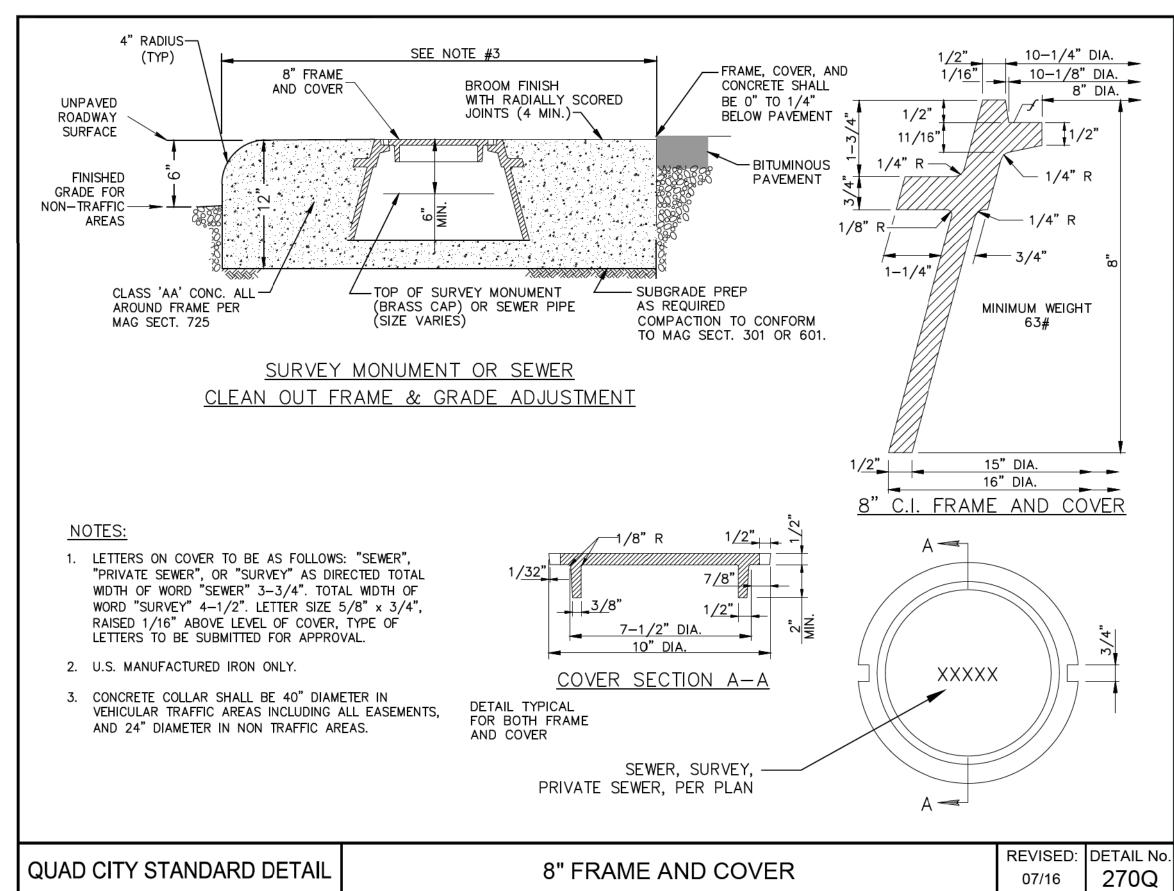


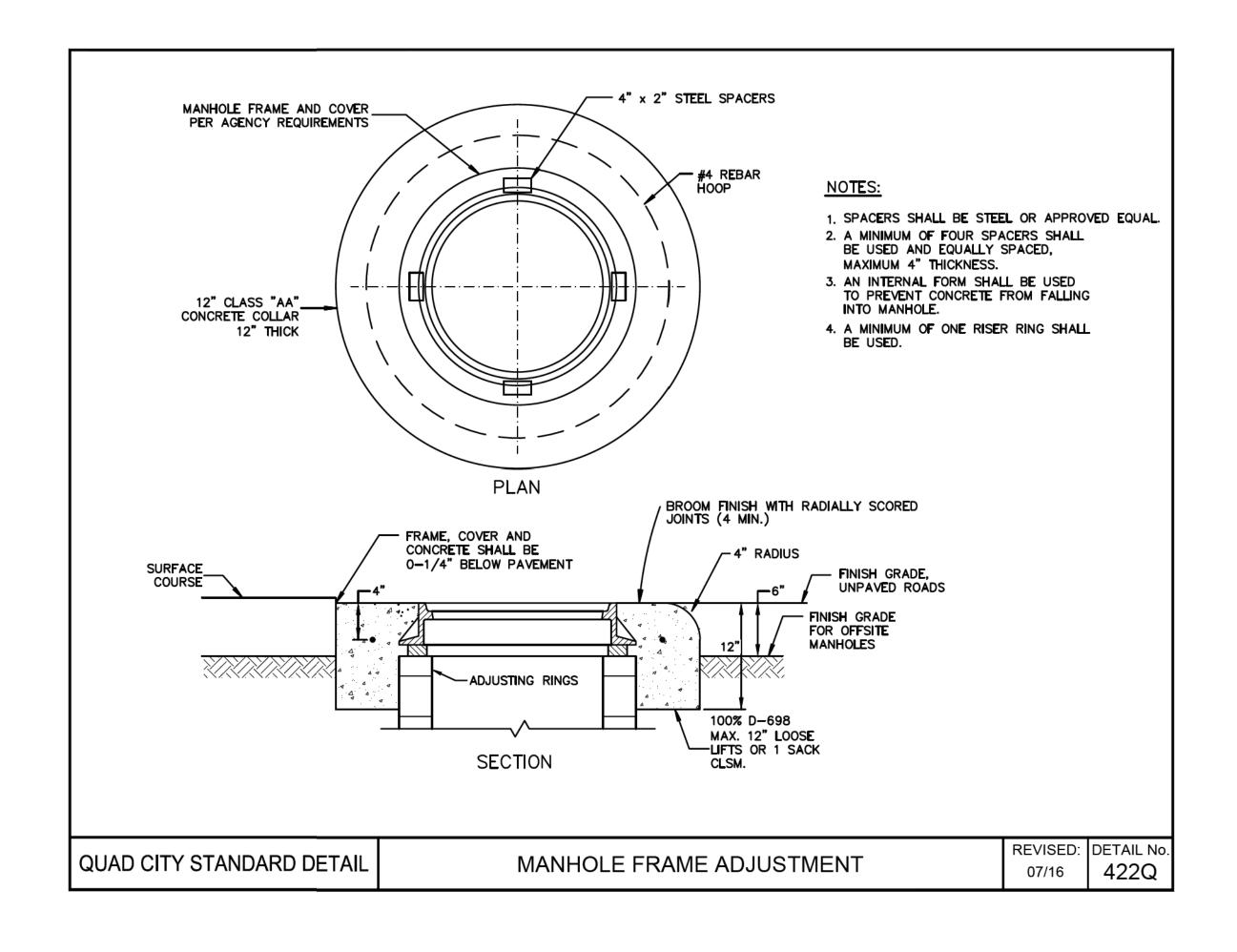




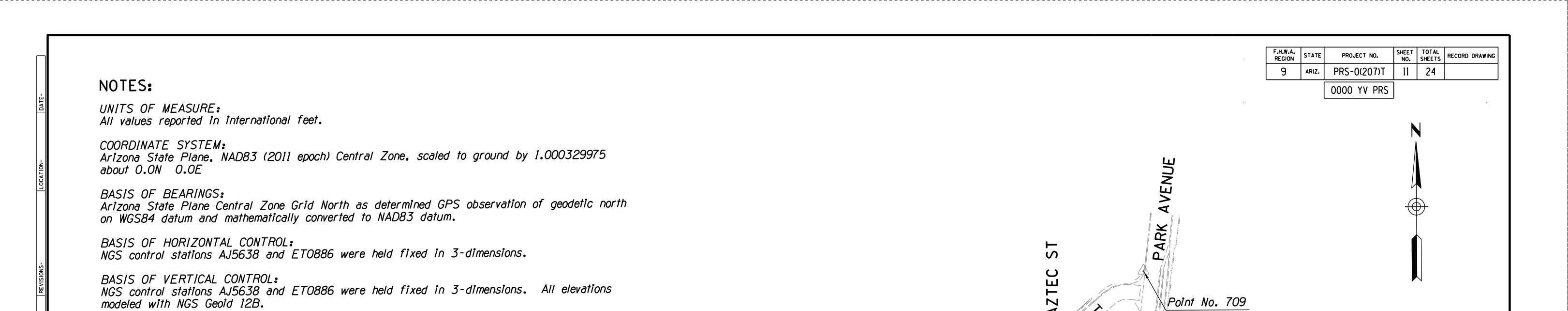
COP STANDARD DRAWINGS							
	NAME		DATE				
CONSTRUCTION Standards	D. KELLY		OCTOBER 2018				
PROJECT NO.  OOOO YV PRS	SF029 OIC	9	or <u>24</u>				
RECORD DRAWING FEDERAL AID NO. DATA PRS-0(20	O7)T REC. DWG. DATE		<i>OF</i>				

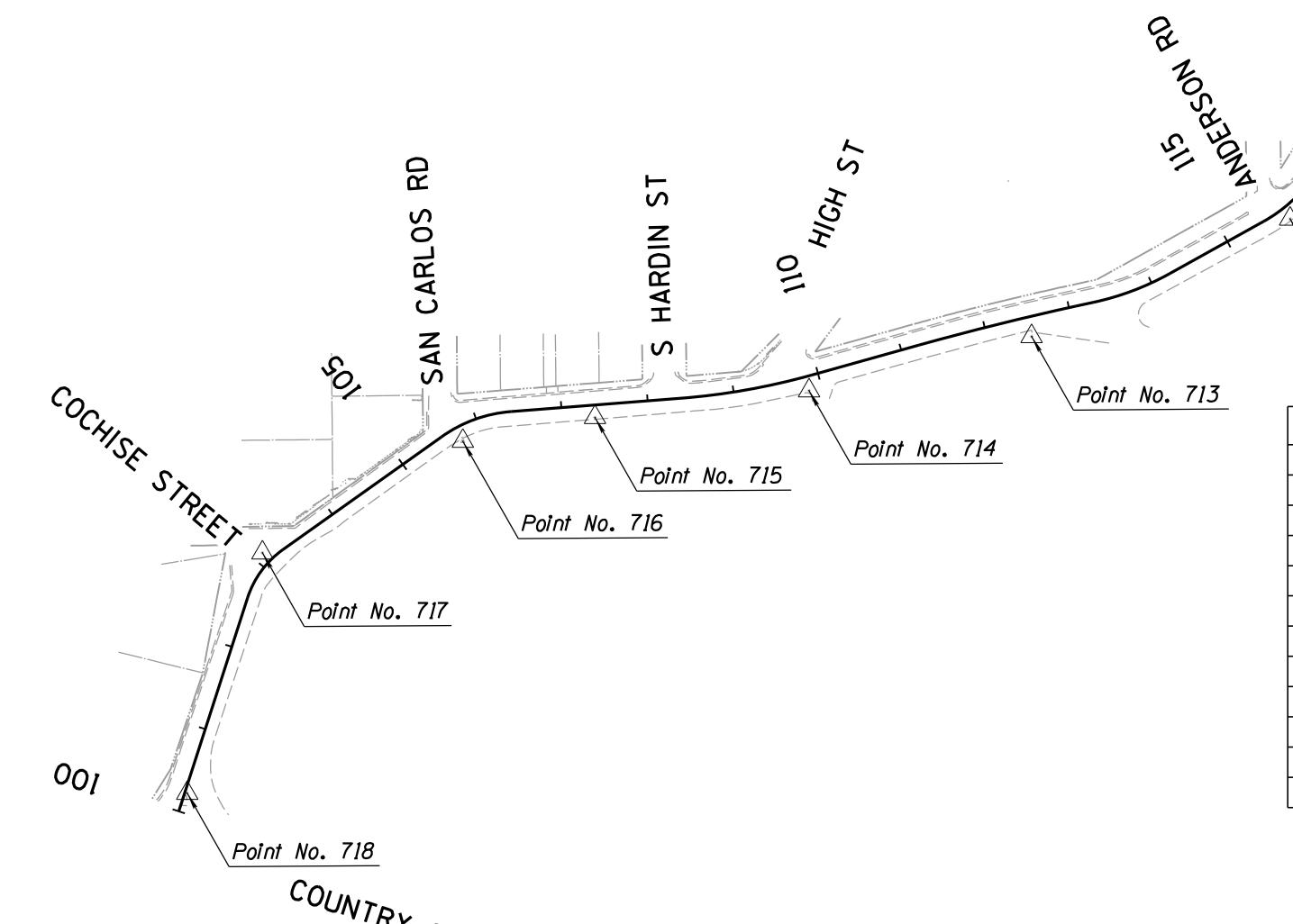






COP STANDARD DRAWINGS							
	NAME		DATE				
CONSTRUCTION Standards	D. KELLY		OCTOBER 2018				
PROJECT NO.  OOOO YV PRS	SF029 OIC	10	or <u>24</u>				
RECORD DRAWING FEDERAL AID NO. DATA PRS-0(20	O7)T REC. DWG. DATE		<i>OF</i>				





	CONTROL POINT DATA							
Pt No.	Northing	Easting	Elevation	Description				
709	<i>1288956.485</i>	531280.990	<i>5405.329</i>	%"RB w/GCG CAP FL "OPT CNTRL"				
710	1288835.790	<i>531135.433</i>	<i>5416.683</i>	MAGNAIL FL IN AC "OPT CNTRL"				
711	1288623.662	530919.315	5439.143	MAGNAIL FL IN AC "OPT CNTRL"				
712	<i>1288397.685</i>	530817.500	<i>5461.573</i>	MAGNAIL FL IN AC "OPT CNTRL"				
713	1288263.638	<i>530517.746</i>	<i>5480.161</i>	MAGNAIL FL IN S.W. JOINT "OPT CNTRL"				
714	1288202.604	530259.961	5509.913	MAGNAIL FL IN AC "OPT CNTRL"				
715	1288173.098	530012.277	5504.065	MAGNAIL FL IN AC "OPT CNTRL"				
716	1288146.567	529859.281	5502.074	%"RB w/GCG CAP FL "OPT CNTRL"				
717	1288018.888	529626.633	5503.158	MAGNAIL FL IN AC "OPT CNTRL"				
718	1287741.434	529537.872	<i>5513.515</i>	MAGNAIL FL IN AC "OPT CNTRL"				
728	1288818.651	531138.719	<i>5416.861</i>	MAGNAIL FL IN AC "OPT CNTRL"				

Point No. 710

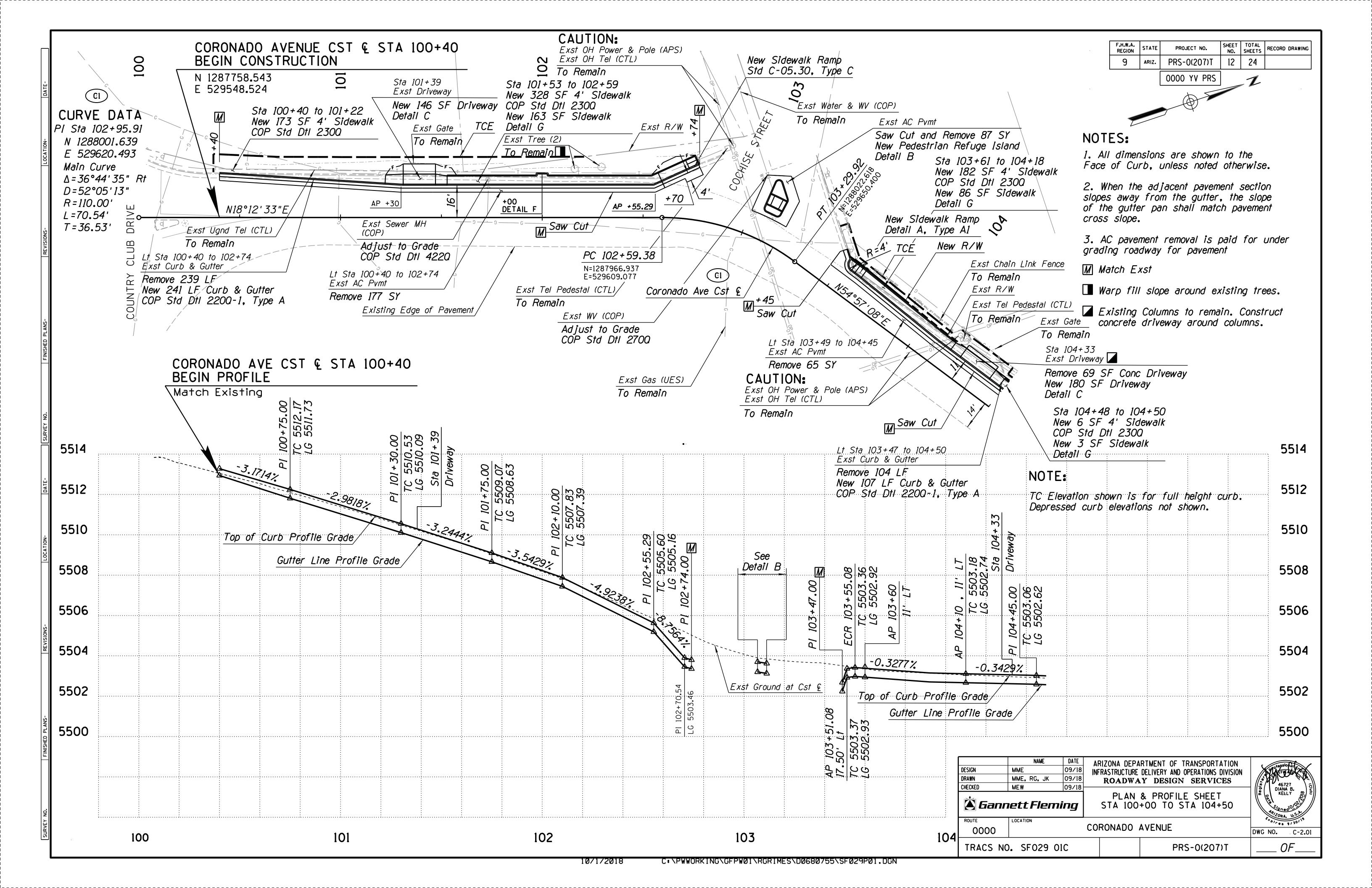
∖Coronado Ave Cst €

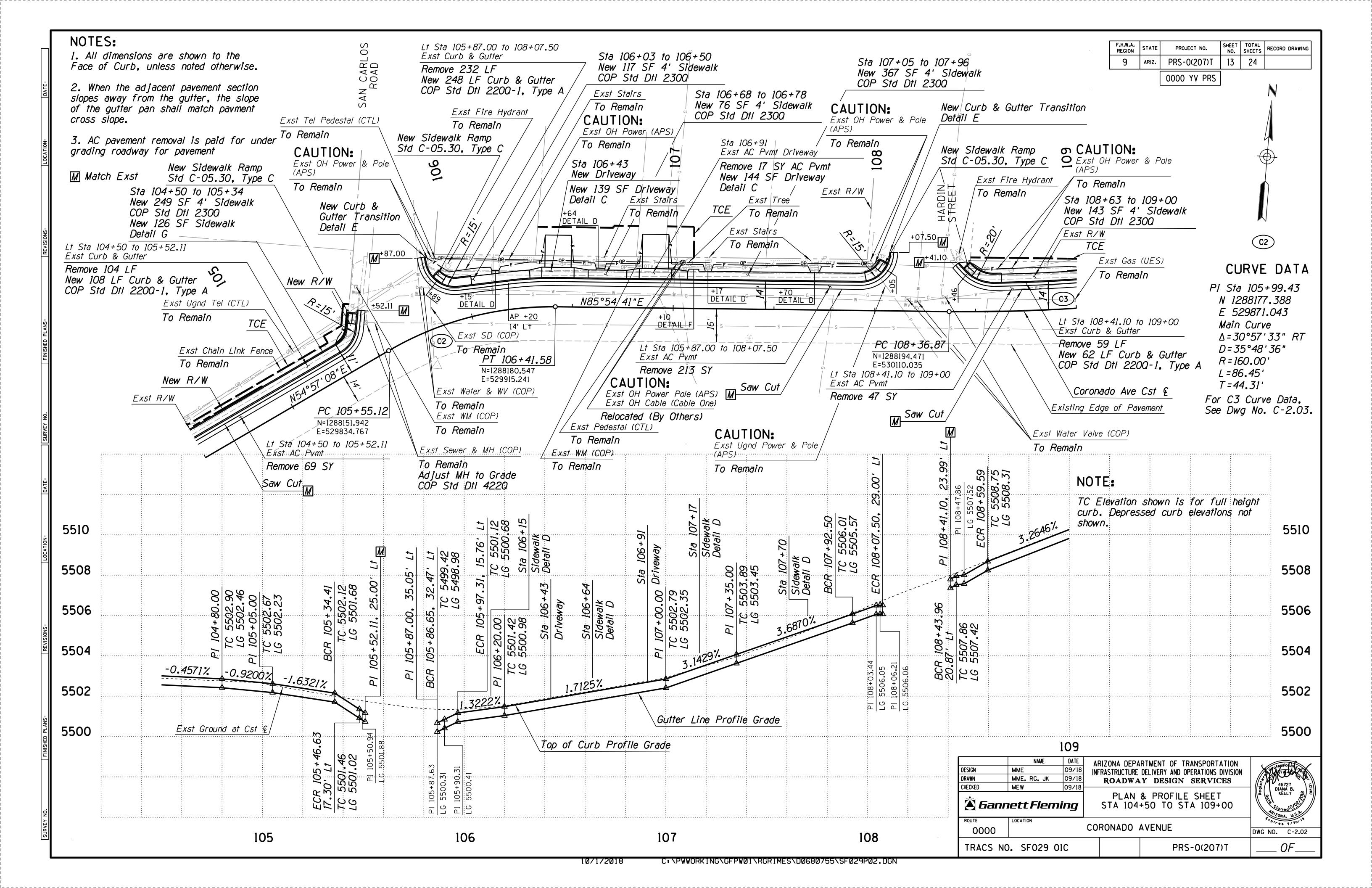
Point No. 711

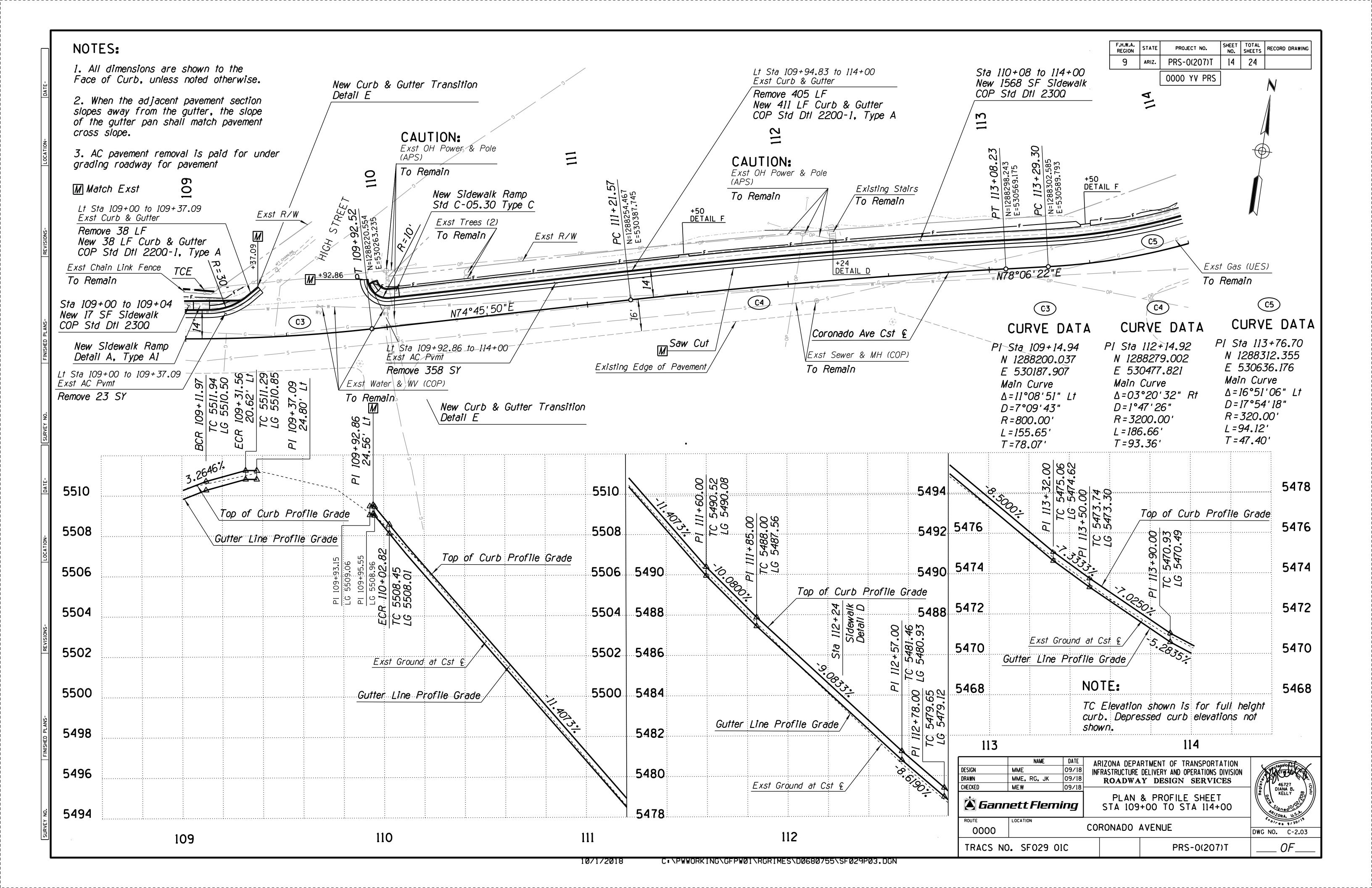
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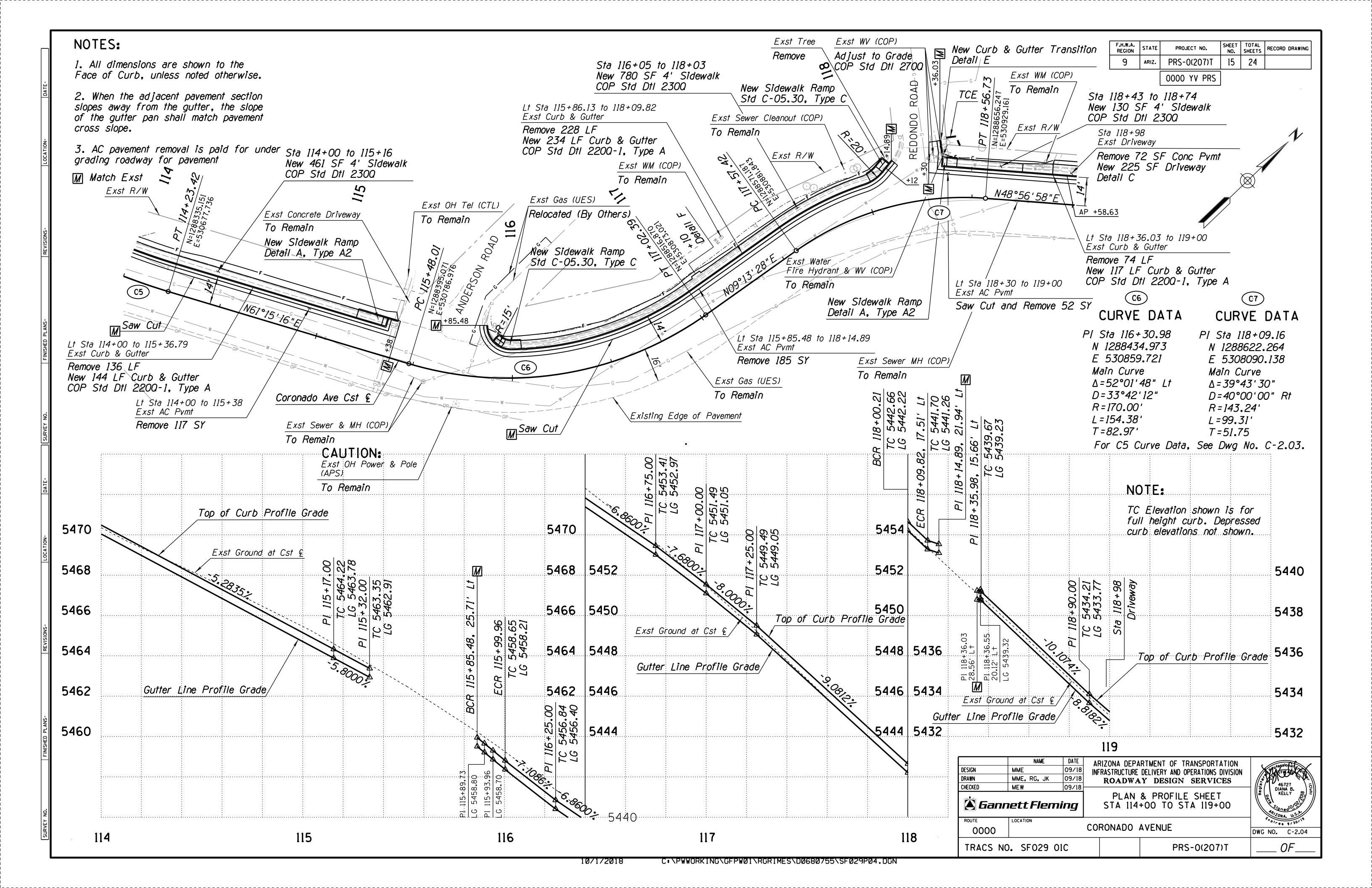
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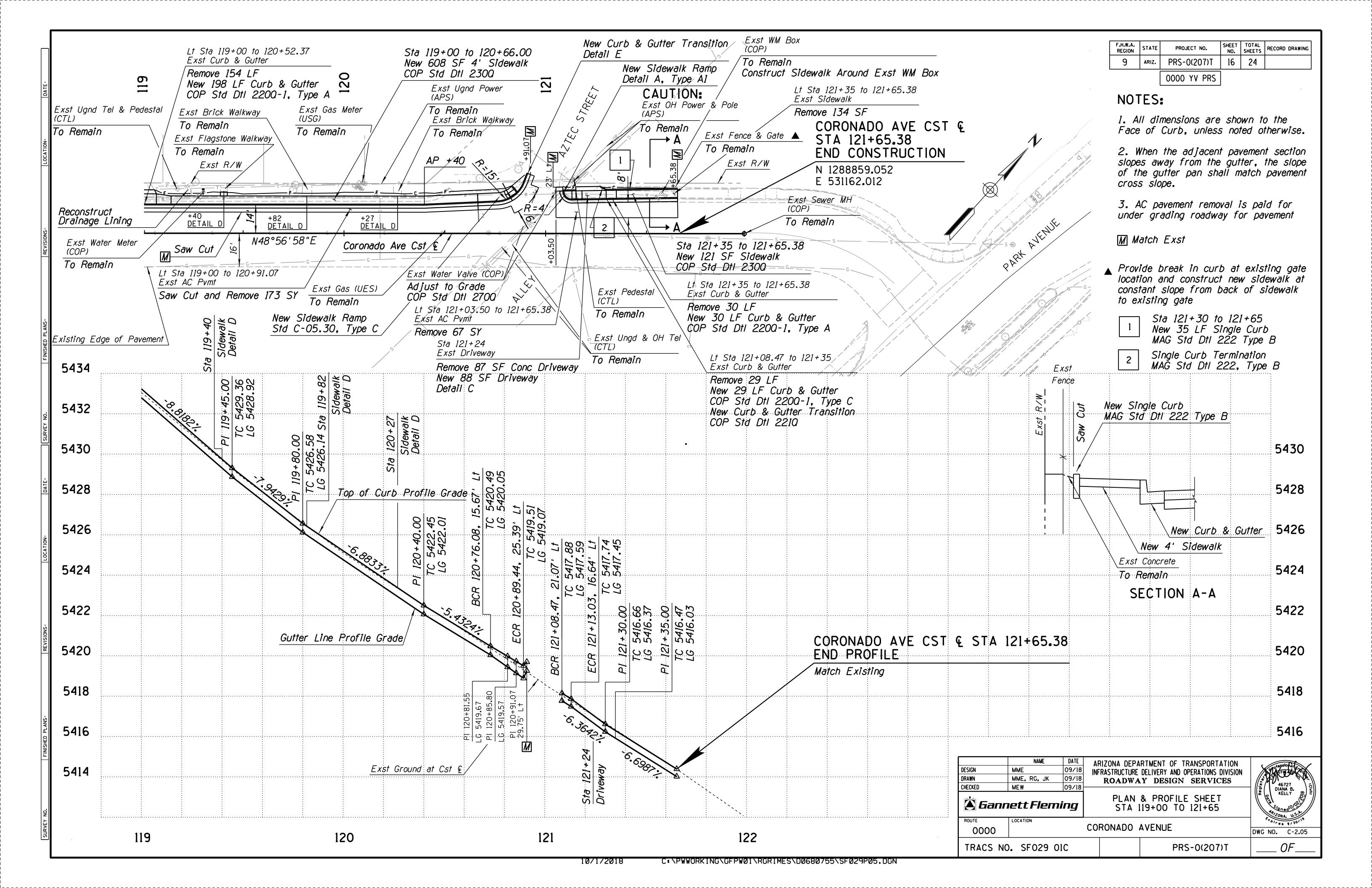
DESIGN DRAWN CHECKED	KJM ME RJB	DATE 09/18 09/18 09/18	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES		S BONALD JAM
Geomatics Consulting Group 1745 W. Deer Valley Rd. Ste. 118 Phx., Az. 85027 623.580.0921		Froup	HORIZON SUI	BASBAA DE	
ROUTE LOCATION		•	CORONADO AVENUE		DWG NO. C-1.01
TRACS NO. SF029 01C				PRS-0(207)T	OF

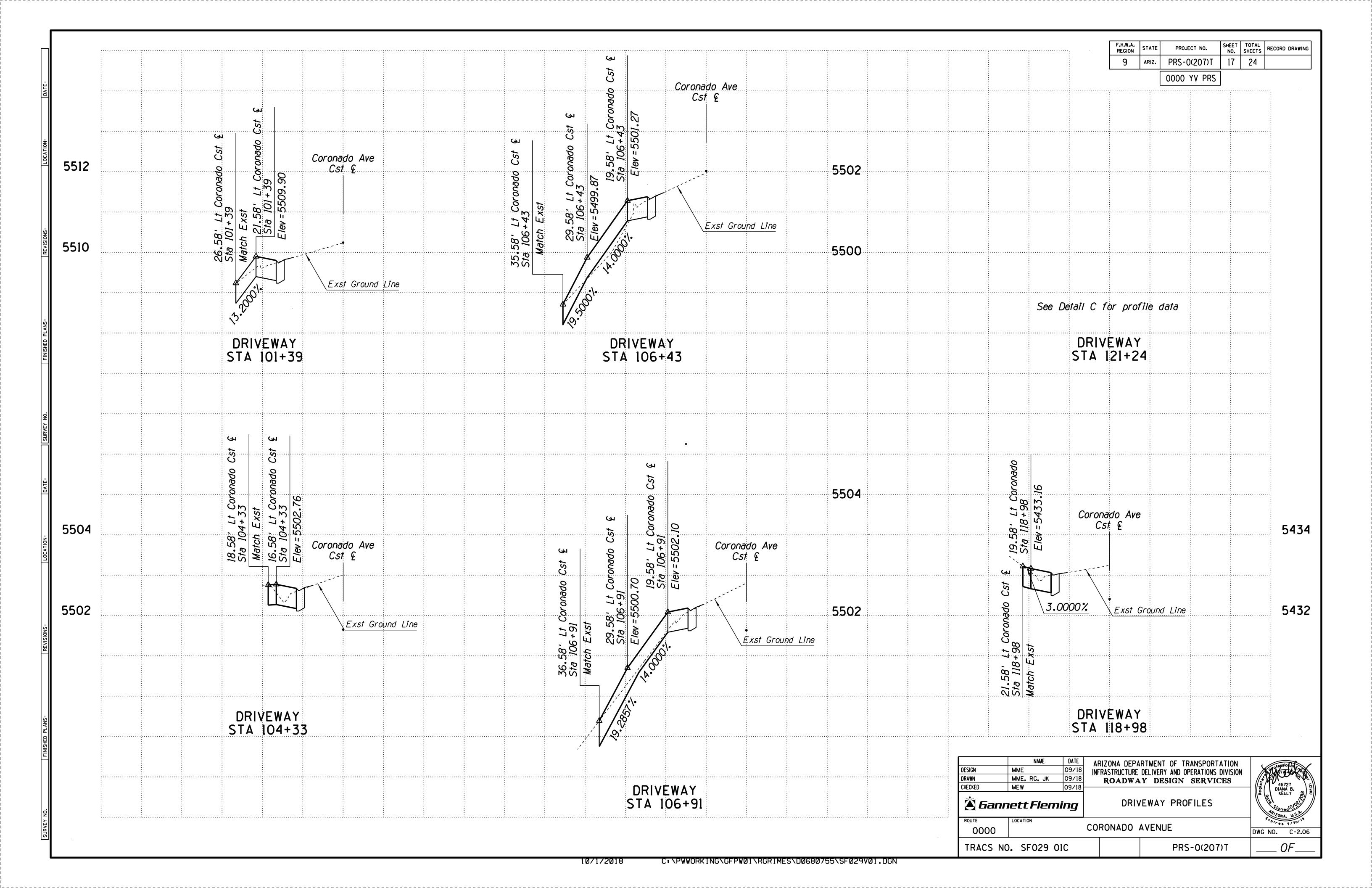












- All existing signs in conflict with the construction signs shall be removed, relocated, or covered in place, as directed by the Engineer. The contractor shall store and reinstall items which have been removed or relocated in a manner approved by the Engineer at no additional cost to the Department. Any signs damaged by the contractor or contractor's activities shall be replaced at no additional cost to the Department.
- 2. The retroreflective sheeting on all construction signs shall meet criteria established in Section 1007 of the Specifications.
- S. All advance signs shown on the plans shall be mounted on rigid sign stands.
- 4. The nearest edge or corner of a sign shall be as far as practicable from the nearest edge of pavement for all signs.
- 5. Flags shall be mounted on top of all construction signs except the "END ROAD WORK THANK YOU" sign.
- 6. Type A flashing warning lights shall be required on all nighttime construction signs except the "END ROAD" WORK THANK YOU" sign.
- 7. Type C steady-burning yellow lights shall be mounted on every barricade when they are used as a channelizing device.
- 8. Channelizing devices shall be placed 20 feet on center in tapers and 40 feet on center in tangents, except as otherwise noted on plans.
- 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.
- 10. All construction signs shall have black letters on an orange background, except as otherwise noted.
- 1. Speed limit signing is preliminary and is subject to review and change by the Engineer as dictated by field conditions.
- 12. Where no closure is necessary but where there is construction alongside a roadway under construction, the contractor shall place a "ROAD WORK AHEAD" and "SHOULDER WORK AHEAD" sign as directed by the Engineer to alert the public to the construction activities.
- 13. The contractor may substitute Type | barricades for Type || barricades as long as the reflective area on the top panel of each Type | barricades is equivalent or greater.
- 14. When traffic control devices are not in use they shall be moved behind the curb.
- 15. The contractor shall maintain all traffic lanes on all roadways outside of work hours and holidays except as allowed and as directed by the Engineer for when lane closures are required.

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- 16. All drawings are schematic only and not to scale.
- 17. The traffic control plans represent a suggested method for traffic control during construction. The contractor may prepare another traffic control plan in accordance with Section 701 of the Specifications at no additional cost to the Department. All traffic control plans are subject to the approval of the Engineer before beginning construction.
- 18. Adjustments to the details of these traffic control plans and requirements maybe necessary due to construction activities or as directed by the Engineer.
- 19. The contractor shall provide off-duty uniformed police officers (local) and their vehicles, and shall be included as part of the contractor's traffic control when the Engineer decides they should be present, including during the installation, relocation, and removal of channelizing devices.
- 20. All lane restrictions and roadway closures shall be coordinated with the Engineer.
- 21. The schedule and the related traffic control shall be developed such that access is maintained to all abutting roadways. Access to businesses and residential driveways shall be maintained at all times, with at least one driveway remaining open per business. For residential properties with one access, contractor shall prepare notice to the affected properties and deliver to the Engineer at least 10 calendar days in advance of closing the access. The layout, format and content of the schedule shall be suitable for public release and acceptable to the Engineer. Coordination activities shall occur at least 15 business days in advance of lane closures. Local emergency services providers shall be informed of the location and duration of lane restrictions. The schedule and related traffic control shall be updated as necessary.

#### REFERENCES/ABBREVIATIONS:

MUTCD - Part 6 of the Manual on Uniform Traffic Control Devices (MUTCD) 2009 Edition, and the ADOT supplement to the Manual on Uniform Traffic Control Devices (2009).

TCDG - ADOT Traffic Control Design Guidelines 2010 (LATEST EDITION).

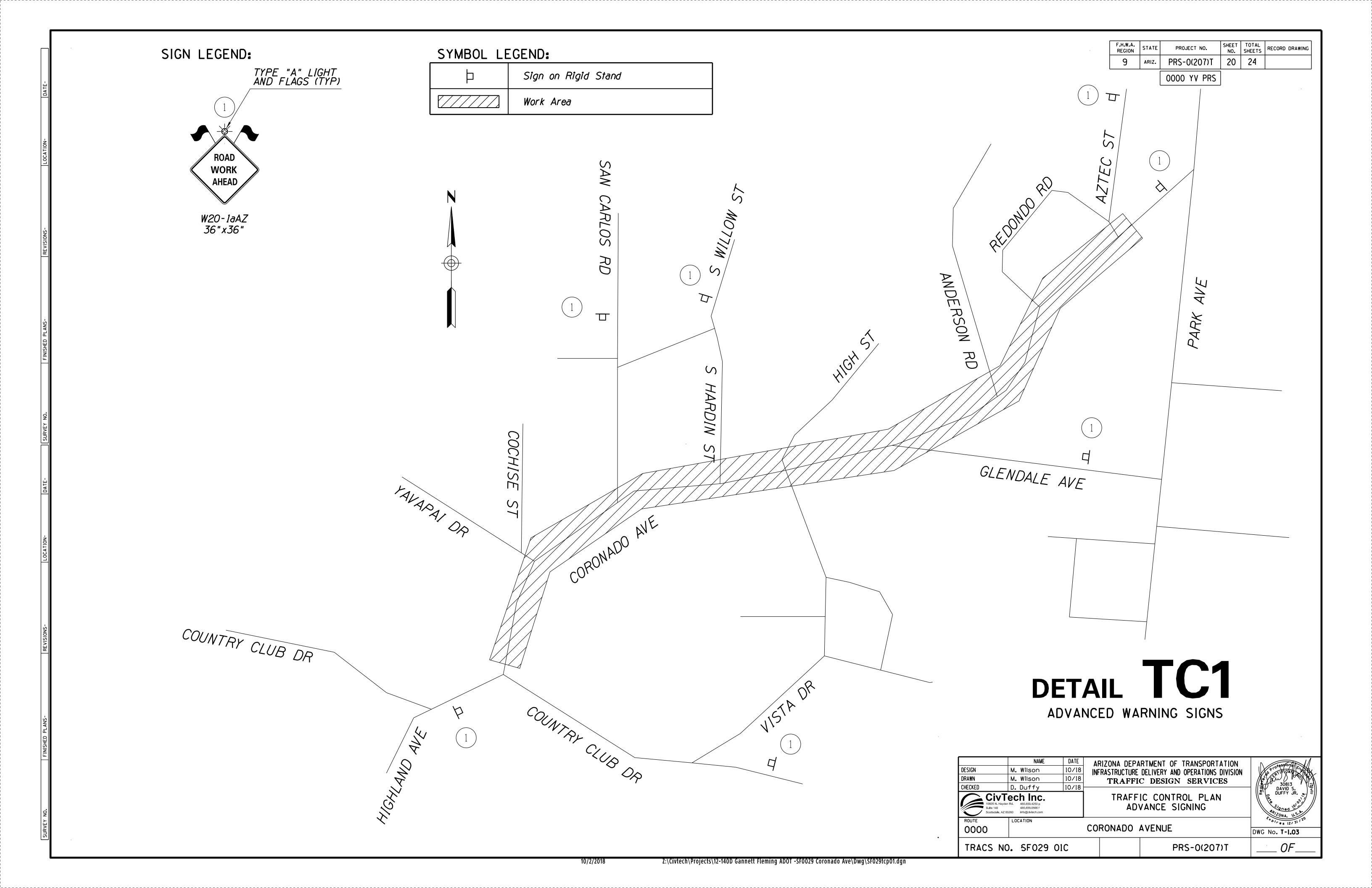
	NAME	DATE	ARIZONA DEPA	RTMENT OF TRANSPORTATION	sassfor All		
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CivTech Inc.  10605 N. Hayden Rd. 480.659.4250 p  Sulte 140 480.659.0566 f  Scottsdale, AZ 85260 info@civtech.com			TRAFF GE	DUFFY JR. S. E			
ROUTE LOCATION		_	CORONADO AVENUE		E+ 0/r es 12/31/20		
0000			CONONADO	DWG No. T-1.01			
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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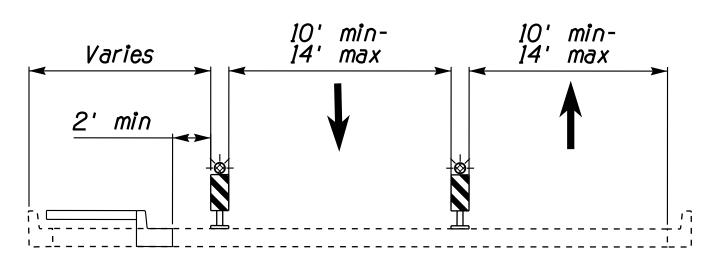
		MAINTENANCE OF TRAFFIC	
ACTIVITY NO.	CONSTRUCTION ACTIVITY	TRAFFIC CONTROL	COMMENTS
1	Install project advance warning signs.	Provide "ROAD WORK AHEAD" signs on rigid sign stands in advance of the local work zone area in each direction.  See Detail TC-1 of these plans for approximate sign locations.	Traffic control shall remain in place for duration of the work on rigid sign stands.
2	Remove curb and gutter, and AC pavement. Construct curb and gutter.	Place shoulder closure per Detail TC2, and TA-3 or TA-6 (Figures 6H-3 and 6H-6 of the MUTCD).  Provide flagging operation for work between Stations 103+00 and 105+00 per TA-10 (Figure 6H-10 of the MUTCD) and Detail TC-2 when lane width between traffic control devices is less than 10 feet in either lane.	Channelization devices shall be Type II barricades or vertical panels at 40 foot spacing.  Use Type C warning lights mounted on Type II barricades or vertical panels to delinate work zone at night while under construction.  Omit "End Road Work" signs as indicated on the MUTCD figures.
3	Construct driveways and AC pavement.	Provide shoulder closure per Detail TC-2, and TA-3 or TA-6 (Figures 6H-3 and 6H-6 of the MUTCD). Where two travel lanes of a minimum 10 foot width cannot be maintained, provide flagging operation per TA-10 (Figure 6H-10 of the MUTCD).	Channelization devices shall be Type II barricades or vertical panels at 40 foot spacing.  Use Type C warning lights mounted on Type II barricades or vertical panels to delinate work zone at night while under construction.  Omit "End Road Work" signs indicated on the MUTCD figures.
4	Install pavement markings and signs, miscellaneous work, sidewalk connections, and restoration.	Provide flagging operation per TA-10 (Figure 6H-10 of the MUTCD). Maintain a minimum travel lane of 10 feet during flagging operations.	

APPROXIMATE TRAFFIC CONTROL QUANTITIES									
DURATION (Calendar (Calendar (Calendar Days) Days) Days)									
BID ITEM NO.	ELEMENT OF WORK	UNIT	ACTIVITY 1	ACTIVITY 2	ACTIVITY 3	ACTIVITY 4	TOTAL		
7016030	Barricade (Type II, Vert. Panel, Tubular Marker)	Each-Day		10010	1400	140	11550		
7016032	Portable Sign Stands (Rigid)	Each-Day	1890	770	280	70	3010		
7016035	Warning Lights (Type A)	Each-Day	1890				1890		
7016037	Warning Lights (Type C)	Each-Day		10010	1400		11410		
7016051	Temporary Sign (Less Than 10 S.F.)	Each-Day	1890	770	280	70	3010		
7016075	Flagging Service (Civilian)	Hour		80	80	48	208		
7016078	Flagging Service (Local Enforcement Officer)	Hour				40	40		

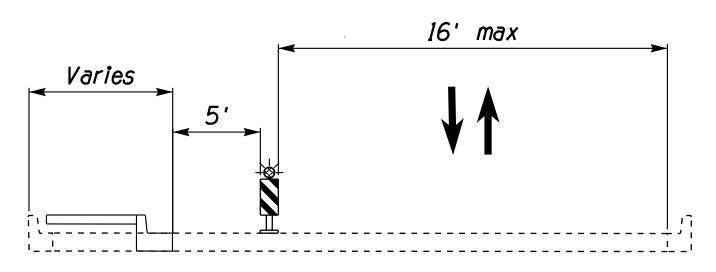
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CHECKED D. Duffy 10/18  CivTech Inc.  10605 N. Hayden Rd. 480.659.4250 p  Sulte 140 480.659.0566 f  Scottsdale, AZ 85260 info@civtech.com			TRAFF MAINTE	JONA, U.S.N.	
ROUTE 0000	LOCATION		CORONADO	AVENUE	DWG No. T-1.02
TRACS NO. SF029 01C				PRS-0(207)T	OF



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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STA 100+00 TO STA 103+00 STA 105+00 TO STA 121+97



STA 103+00 TO 105+00 FLAGGER CONTROLLED AS REQUIRED

#### SYMBOL LEGEND:

	Vertical Panel (Plan/Elevation)
	Direction of Travel

#### NOTES:

- Temporary lane width to be measured clear of traffic control devices.
- 2. Provide flagging operation when two lanes of minimum 10 foot width cannot be maintained.

## DETAIL TC2

WORK ZONE TYPICAL CROSS SECTIONS

DESIGN DRAWN	M. Wilson M. Wilson	DATE 10/18 10/18	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SERVICES		30813	
CHECKED D. Duffy 10/18  CivTech Inc.  10605 N. Hayden Rd. 480.659.0566 f Sulte 140 480.659.0566 f Scottsdale, AZ 85260 info@civtech.com		10/18	TRAFFIC CORONADO	JAPIZONA, U.S.		
ROUTE 0000	LOCATION		CORONADO A	AVENUE	DWG No. T-1.04	
TRACS NO. SF029 01C				PRS-0(207)T	OF	

#### PAVEMENT MARKING GENERAL NOTES:

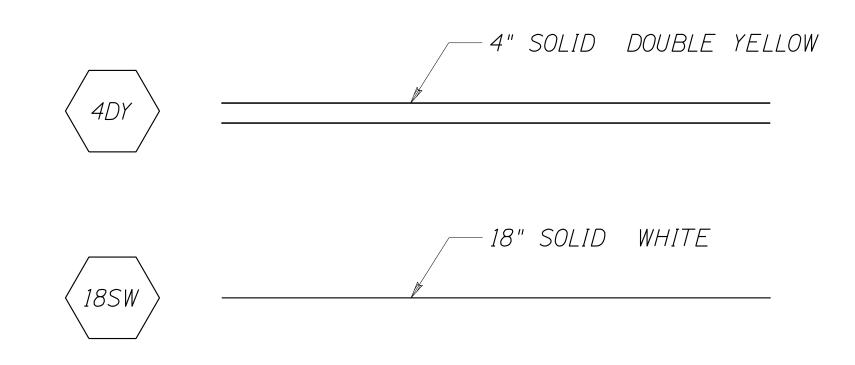
- 1. Final striping shall be reflectorized paint. Final Stop Bars shall be 90 mil (0.090 inch) thick extruded thermoplastic reflectorized markings. All markings shall be applied at the same time.
- 2. The contractor shall clean the roadway surface to the satisfaction of the Engineer, by sweeping and air-jet blowing, immediately prior to the placement of all pavement markings. The roadway surface shall be dry and the air and pavement temperatures shall not be less than 55 degrees F and rising for the placement of thermoplastic striping.
- 3. The contractor shall be responsible for the layout and installation of permanent pavement markings on the final surface course following control points that have been set no more than 50 feet apart along the lines to be striped.
- 4. Stripe obliteration shall be accomplished by an approved method. Painting over striping, removal of pavement, and overlaying pavement do not constitute stripe obliteration.
- 5. Layout of traffic markings will be part of the work included in item 9250001-Construction Surveying and Layout
- 6. The pavement marking drawings are schematic only and not to scale. The contractor shall follow all dimensions and details when installing pavement markings.
- 7. Pedestrian refuge median island at Sta 103+10 shall have the curb face and top painted with yellow reflective paint and have Type D markers installed in accordance with Signing and Marking Standard Drawing M-1 for both approaches.

#### SIGNING GENERAL NOTES:

- 1. All signs shall be in compliance with the Manual on Uniform Traffic Control Devices (MUTCD Signing and Marking Standard Drawings, and the ADOT Traffic Engineering Manual of Approved Signs.
- 2. The sign locations and the post lengths are approximate. The contractor shall verify the sign locations and actual post lengths with the Engineer prior to installing signs. The nominal post length for two new sign installations is 11 feet each.
- 3. 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.
- 4. All new signs shall be fabricated of flat sheet aluminum as indicated in Section 608 of the Specifications.
- 5. The retroreflective sheeting on all new signs shall meet criteria established in Section 1007 of the Specifications.
- 6. All new signs shall be installed on new (2 1/2 T) square tube posts with foundations as indicated in ADOT Standard Drawings.
- 7. The Engineer may modify the signing plans.
- 8. The contractor shall remove existing signing (signs and posts) where indicated on the plans at three locations: Sta 105+47, 105+51, and Sta 121+59.
- 9. The contractor shall remove and reinstall two existing street name signs with new sign assembly at Sta 105+51.
- 10. 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 no additional cost to the Department. Protect in place all signs not indicated to be removed as these signs will remain in place.

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9	ARIZ.	PRS-0(207)T	22	24	
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	PAVEMENT MARKING APPROXIMATE QUANTITIES							
ITEM NO.	ITEM DESCRIPTION	UNITS	TOTAL	4" EQUIVALENT TOTAL				
7015052	Obliterate Pavement Marking (Stripe)	L.Ft.	3556	3556				
7040072	Pavement Marking (Transverse) (Thermoplastic)(Alkyd)(0.090")	L.Ft.	20	90				
7060015	Pavement Markers, Raised, Type D	Each	8					
7080011	Permanent Pavement Marking (Painted)(Yellow)	L.Ft.	3556	3556				
7080301	Paint Bullnose	Each	2					



	SIGNING APPROXIMATE QUANTITIES		
ITEM NO.	ITEM DESCRIPTION	UNITS	TOTAL
6070038	Slip Base (Perforated) (2 1/2 T)	Each	2
6070057	Sign Post (Perforated) (2 1/2 T)	L.Ft.	22
6070060	Foundation For Sign Post (Concrete)	Each	2
6080005	Warning, Marker, Or Regulatory Sign Panel	Sq. Ft.	11
6080107	Miscellaneous Work (Signs)	Lump Sum	1

	NAME	DATE	ARIZONA DEPA	ARTMENT OF TRANSPORTATION	CostorAl
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ROUTE	LOCATION		CORONADO	AVENUE	DWG No. T-1.05
					DWG NO. 1-1.03
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