

Oversight / NHS

FHWA PROJECT OF DIVISION INTEREST (PoDI)?  NO  YES

NATIONAL HIGHWAY SYSTEM?  NO  YES

Related Projects:

P. E. UNDER PROJECT:  
Project Number  
Project Code:

# EL PASO COUNTY

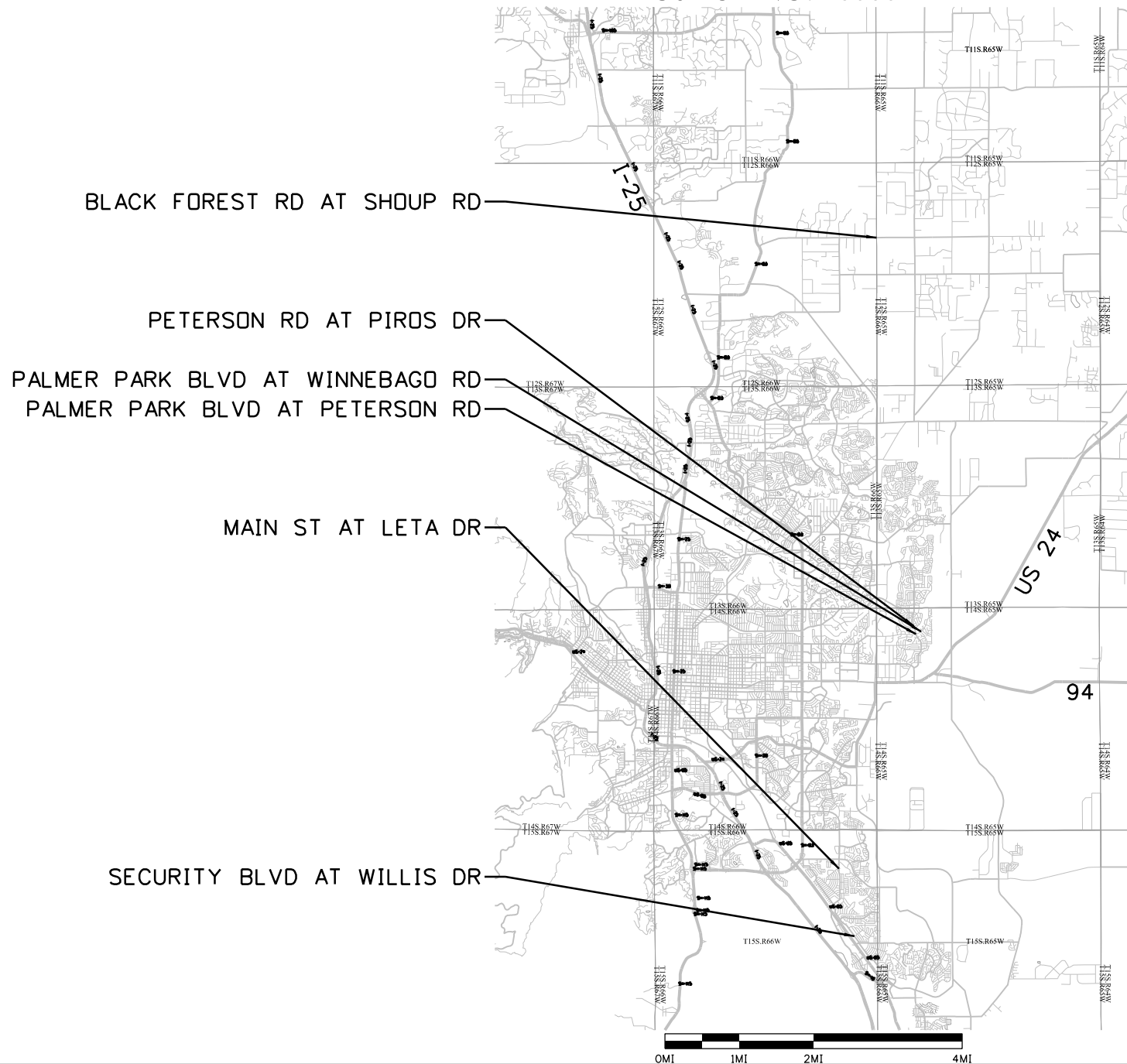
## DEPARTMENT OF PUBLIC WORKS

### CONSTRUCTION BID PLANS OF PROPOSED PACKAGE 2 - PEDESTRIAN INTERSECTION SAFETY IMPROVEMENTS

#### PROJECT NO. 26666

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SIGNATURE SHEET
3	CDOT STANDARD PLANS LIST
4 to 5	GENERAL NOTES
6 to 7	SWMP NOTES
8	UTILITY PLAN LEGEND
9	UTILITY PLAN CONTACT LIST
10	UTILITY NOTES
11	UTILITY TESTHOLE SUMMARY
12	UTILITY MATRIX
13 to 20	SURVEY CONTROL
21 to 23	SUMMARY OF APPROXIMATE QUANTITIES
24 to 32	TABULATIONS
33 to 46	MAIN STREET AT LETA DRIVE
47 to 56	BLACK FOREST ROAD AT SHOUP ROAD
57 to 68	PALMER PARK BLVD AT PETERSON ROAD
69 to 77	PALMER PARK BLVD AT WINNEBAGO ROAD
78 to 87	PETERSON ROAD AT PIROS DRIVE
88 to 95	SECURITY BLVD AT WILLIS DRIVE

PACKAGE 2
MAIN STREET AT LETA DRIVE
BLACK FOREST ROAD AT SHOUP ROAD
PALMER PARK BLVD AT PETERSON ROAD
PALMER PARK BLVD AT WINNEBAGO ROAD
PETERSON ROAD AT PIROS DRIVE
SECURITY BLVD AT WILLIS DRIVE
TOTAL INTERSECTIONS: 6



SUBMITTED FOR AD  
OCTOBER 30, 2025

Print Date: 10/30/2025  
File Name: 25188\_TitleSheet\_P2.dgn  
Horiz. Scale: 1:0.0833333 Vert. Scale:  
**HDR** 5555 TECH CENTER DRIVE, SUITE 310  
COLORADO SPRINGS, CO 80919 PHONE: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



**As Constructed**  
No Revisions:  
Revised:  
Void:

Contract Information	
Contractor:	
Resident Engineer:	
Project Engineer:	
PROJECT STARTED: / /	ACCEPTED: / /
Comments:	

**Project No./Code**  
RFP-24-007  
26666  
**Sheet Number 1**

JLERNER 2:59:12 PM p:\p\p\h\druscem01\HDR\_US\_Centrol\_01\Documents\EL\_Paso\_County\_CO\EL\_Paso\_Pedestrian\_Crossings\6.0\_CAD\_BIM\6.2\_WIP\25188\General\Sheets\25188\_TitleSheet\_P2.dgn

Oversight / NHS

FHWA PROJECT OF DIVISION INTEREST (PoDI)?  NO  YES

NATIONAL HIGHWAY SYSTEM?  NO  YES

Related Projects:

P. E. UNDER PROJECT:  
Project Number  
Project Code:

# EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS

## CONSTRUCTION BID PLANS OF PROPOSED PACKAGE 2 - PEDESTRIAN INTERSECTION SAFETY IMPROVEMENTS PROJECT NO. 26666

THE SCOPE OF MY AUTHORITY, WITH RESPECT TO THESE PLANS, IS LIMITED TO THE FOLLOWING DISCIPLINE(S) AND/OR PAGE NUMBERS AS APPROPRIATE:  
TITLE SHEET, STANDARD PLANS LIST, GENERAL NOTES SUMMARY OF APPROXIMATE QUANTITIES, ROADWAY TABULATION OF QUANTITIES, TYPICAL SECTIONS, GEOMETRIC LAYOUTS, REMOVAL PLANS, ROADWAY PLANS, AND ROADWAY DETAILS

*[Signature]*  
10/30/2025  
PROFESSIONAL ENGINEER

THE SCOPE OF MY AUTHORITY, WITH RESPECT TO THESE PLANS, IS LIMITED TO THE FOLLOWING DISCIPLINE(S) AND/OR PAGE NUMBERS AS APPROPRIATE:  
UTILITY LEGEND, UTILITY CONTACT LIST, UTILITY NOTES, TESTHOLE SUMMARY, UTILITY MATRIX, TABULATION OF UTILITIES, MAIN/LETA UTILITY PLAN, BLACK FOREST/SHOUP UTILITY PLAN EXCEPT FOR SUE DATA, PALMER/WINNEBAGO UTILITY PLAN

COLORADO REGISTERED PROFESSIONAL ENGINEER  
*[Signature]*  
42799  
10/30/2025

THE SCOPE OF MY AUTHORITY, WITH RESPECT TO THESE PLANS, IS LIMITED TO THE FOLLOWING DISCIPLINE(S) AND/OR PAGE NUMBERS AS APPROPRIATE:  
TRAFFIC TABULATIONS, SIGNING AND STRIPING PLANS, AND SIGNAL PLANS

COLORADO LICENSED PROFESSIONAL ENGINEER  
*[Signature]*  
PHILLIP D. JOHNSON  
59119  
10/30/2025

THE SCOPE OF MY AUTHORITY, WITH RESPECT TO THESE PLANS, IS LIMITED TO THE FOLLOWING DISCIPLINE(S) AND/OR PAGE NUMBERS AS APPROPRIATE:  
SUE DATA ON THE BLACK FOREST/SHOUP UTILITY PLAN

COLORADO LICENSED PROFESSIONAL ENGINEER  
DARYL D. SCHAEFER  
0057767  
*[Signature]*  
10/21/25

Print Date: 10/30/2025

File Name: 25188\_TitleSheet\_P2.dgn

Horiz. Scale: 1:0.0833333 Vert. Scale:

**HDR** 5555 TECH CENTER DRIVE, SUITE 310  
COLORADO SPRINGS, CO 80919 PHONE: 719-272-8800

0000

### Sheet Revisions

Date:	Comments	Init.



### As Constructed

No Revisions:

Revised:

Void:

### Contract Information

Contractor:

Resident Engineer:

Project Engineer:

PROJECT STARTED: / / ACCEPTED: / /

Comments:

### Project No./Code

RFP-24-007

26666

Sheet Number **2**

JLERNER 3:36:32 PM P:\p\whdruseen01\HDR\_US\_Central\_01\Documents\EL\_Paso\_County\_CD\EL\_Paso\_Pedestrian\_Crossings\6.0\_CAD\_BIM\6.2\_WIP\25188\General\Sheets\25188\_TitleSheet\_P2.dgn

JLERNER 2:59:30 PM pwr:\pwhdruscen01:HDR\_US\_Central\_01\Documents\EL\_Paso\_County\_CD\EL\_Paso\_Pedestrian\_Crossings\6\_0\_CAD\_BIM\6.2\_WIP\25188\_General\Sheets\25188\_CDDT\_Standard\_Plans\_P2.dgn

PLAN NUMBER	M STANDARD TITLE	PAGE NUMBER	PLAN NUMBER	M STANDARD TITLE	PAGE NUMBER	PLAN NUMBER	S STANDARD TITLE	PAGE NUMBER
<input checked="" type="checkbox"/> M-100-1	STANDARD SYMBOLS (3 SHEETS).....	1-3	<input type="checkbox"/> M-606-1	MIDWEST GUARDRAIL SYSTEM TYPE 3 W-BEAM.....	79-97	<input checked="" type="checkbox"/> S-612-1	DELINEATOR INSTALLATIONS (8 SHEETS).....	17-18
<input checked="" type="checkbox"/> M-100-2	ACRONYMS AND ABBREVIATIONS (4 SHEETS).....	4-7		31 INCHES (19 SHEETS) <i>(REVISED ON MARCH 5, 2020)</i>		<input checked="" type="checkbox"/> S-613-1	ROADWAY LIGHTING (6 SHEETS).....	19-20
<input type="checkbox"/> M-203-1	APPROACH ROADS.....	8	<input type="checkbox"/> M-606-13	GUARDRAIL TYPE 7 F-SHAPE BARRIER (4 SHEETS).....	98-101		<i>(REVISED ON APRIL 3, 2025)</i>	
<input type="checkbox"/> M-203-2	DITCH TYPES.....	9	<input type="checkbox"/> M-606-14	PRECAST TYPE 7 CONCRETE BARRIER (4 SHEETS).....	102-104	<input type="checkbox"/> S-613-2	ALTERNATIVE ROADWAY LIGHTING (4 SHEETS)	
<input type="checkbox"/> M-203-11	SUPERELEVATION CROWNED AND DIVIDED HIGHWAYS (3 SHEETS)	10-12		<i>(REVISED ON FEBRUARY 9, 2023)</i>			<i>(NEW, ISSUED ON SEPTEMBER 30, 2020)</i>	
<input type="checkbox"/> M-203-12	SUPERELEVATION STREETS (2 SHEETS).....	13-14	<input type="checkbox"/> M-606-15	GUARDRAIL TYPE 9 SINGLE SLOPE BARRIER.....	105-115	<input checked="" type="checkbox"/> S-613-3	PULL BOX DETAIL (2 SHEETS) <i>(NEW, ISSUED ON APRIL 4, 2024)</i>	
<input type="checkbox"/> M-206-1	EXCAVATION AND BACKFILL FOR STRUCTURES (2 SHEETS)	15-16		<i>(11 SHEETS) (REVISED ON FEBRUARY 17, 2023)</i>		<input type="checkbox"/> S-613-4	TRAFFIC SIGNAL ONE-LINE DIAGRAMS (6 SHEETS)	
<input type="checkbox"/> M-206-2	EXCAVATION AND BACKFILL FOR BRIDGES (2 SHEETS)....	17-18	<input type="checkbox"/> M-607-1	WIRE FENCES AND GATES (3 SHEETS).....	116-118		<i>(NEW, ISSUED ON JUNE 15, 2023)</i>	
<input checked="" type="checkbox"/> M-208-1	TEMPORARY EROSION CONTROL (11 SHEETS).....	19-29	<input type="checkbox"/> M-607-2	CHAIN LINK FENCE (3 SHEETS).....	119-121	<input checked="" type="checkbox"/> S-614-1	GROUND SIGN PLACEMENT (2 SHEETS).. <i>(REVISED ON MARCH 1, 2024)</i>	187-188
	<i>(REVISED ON MAY 16, 2024)</i>		<input type="checkbox"/> M-607-3	BARRIER FENCE.....	122	<input checked="" type="checkbox"/> S-614-2	CLASS I SIGNS... <i>(REVISED ON MARCH 1, 2024)</i>	189
<input type="checkbox"/> M-210-1	MAILBOX SUPPORTS (2 SHEETS).....	30-31	<input type="checkbox"/> M-607-4	DEER FENCE, GATES, AND GAME RAMPS (7 SHEETS).....	123-127	<input type="checkbox"/> S-614-3	CLASS II SIGNS... <i>(REVISED ON MARCH 1, 2024)</i>	190
<input type="checkbox"/> M-214-1	NURSERY STOCK DETAILS.....	32		<i>(REVISED ON JULY 13, 2020)</i>		<input type="checkbox"/> S-614-4	CLASS III SIGNS (3 SHEETS)... <i>(REVISED ON MARCH 1, 2024)</i>	191-193
<input type="checkbox"/> M-216-1	SOIL RETENTION COVERING (2 SHEETS).....	33-34	<input type="checkbox"/> M-607-10	PICKET SNOW FENCE.....	128	<input type="checkbox"/> S-614-5	BREAK-AWAY SIGN SUPPORT DETAILS.....	194-195
<input type="checkbox"/> M-400-1	SAFETYEDGE FOR PAVEMENT <i>(REVISED ON APRIL 25, 2025)</i>		<input type="checkbox"/> M-607-15	ROAD CLOSURE GATE (9 SHEETS).....	129-137	<input type="checkbox"/> S-614-6	CONCRETE FOOTINGS AND SIGN ISLANDS.....	196-197
<input checked="" type="checkbox"/> M-412-1	CONCRETE PAVEMENT JOINTS (9 SHEETS).....	35-39	<input checked="" type="checkbox"/> M-608-1	CURB RAMPS (10 SHEETS).....	138-147	<input type="checkbox"/> S-614-8	TUBULAR STEEL SIGN SUPPORT DETAILS (7 SHEETS).....	198-204
	<i>(REVISED ON JANUARY 31, 2022)</i>		<input checked="" type="checkbox"/> M-609-1	CURBS, GUTTERS, AND SIDEWALKS (4 SHEETS).....	148-151		<i>(REVISED ON MARCH 1, 2024)</i>	
<input type="checkbox"/> M-412-2	CONCRETE PAVEMENT CRACK REPAIR (6 SHEETS) <i>(REVISED ON SEPTEMBER 6, 2022)</i>		<input type="checkbox"/> M-611-1	CATTLE GUARD (2 SHEETS).....	152-153	<del>S-614-9</del>	<del>PEDESTRIAN PUSH BUTTON POST ASSEMBLY (2 SHEETS).....</del>	<del>205-206</del>
<input type="checkbox"/> M-510-1	STRUCTURAL PLATE PIPE H-20 LOADING.....	40	<input type="checkbox"/> M-611-2	DEER GUARD (2 SHEETS).....	154-155		<i>(SUPERSEDED ON JANUARY 23, 2020 BY S-614-45)</i>	
<input type="checkbox"/> M-601-1	SINGLE CONCRETE BOX CULVERT (CAST-IN-PLACE).....	41-42	<input type="checkbox"/> M-614-1	RUMBLE STRIPS (3 SHEETS).....	156-158	<input type="checkbox"/> S-614-10	MARKER ASSEMBLY INSTALLATIONS.....	207
	(2 SHEETS)		<input type="checkbox"/> M-614-2	SAND BARREL ARRAYS (2 SHEETS).....	159-160	<input type="checkbox"/> S-614-11	MILEPOST SIGN DETAIL FOR HIGH SNOW AREAS.....	208
<input type="checkbox"/> M-601-2	DOUBLE CONCRETE BOX CULVERT (CAST-IN-PLACE).....	43-44	<input type="checkbox"/> M-615-1	EMBANKMENT PROTECTOR TYPE 3.....	161	<input type="checkbox"/> S-614-12	STRUCTURE NUMBER INSTALLATION (2 SHEETS).....	209-210
	(2 SHEETS)		<input type="checkbox"/> M-615-2	EMBANKMENT PROTECTOR TYPE 5.....	162	<input checked="" type="checkbox"/> S-614-14	FLASHING BEACON AND SIGN INSTALLATIONS (4 SHEETS).....	211-214
<input type="checkbox"/> M-601-3	TRIPLE CONCRETE BOX CULVERT (CAST-IN-PLACE).....	45-46	<input type="checkbox"/> M-616-1	INVERTED SIPHON.....	163	<input type="checkbox"/> S-614-15	CHAIN STATION SIGNAGE (1 SHEET) <i>(NEW, ISSUED ON APRIL 30, 2024)</i>	
	(2 SHEETS)		<input type="checkbox"/> M-620-1	FIELD LABORATORY CLASS 1.....	164	<input checked="" type="checkbox"/> S-614-20	TYPICAL POLE MOUNT SIGN INSTALLATIONS. <i>(REVISED ON MARCH 1, 2024)</i>	215
<input type="checkbox"/> M-601-10	HEADWALL FOR PIPES.....	47	<input checked="" type="checkbox"/> M-620-2	FIELD LABORATORY CLASS 2 (2 SHEETS).....	165-166	<input type="checkbox"/> S-614-21	CONCRETE BARRIER SIGN POST INSTALLATIONS (2 SHEETS) <i>(REVISED ON SEPTEMBER 21, 2020)</i>	216-217
<input type="checkbox"/> M-601-11	TYPE "S" SADDLE HEADWALLS FOR PIPE.....	48	<input type="checkbox"/> M-620-11	FIELD OFFICE CLASS 1.....	167		TYPICAL MULTI-SIGN INSTALLATIONS.....	218
<input type="checkbox"/> M-601-12	HEADWALLS AND PIPE OUTLET PAVING.....	49	<input checked="" type="checkbox"/> M-620-12	FIELD OFFICE CLASS 2.....	168	<input type="checkbox"/> S-614-22	J-POST SIGN SUPPORT (3 SHEETS) <i>(NEW, ISSUED ON MAR. 1, 2024)</i>	
<input type="checkbox"/> M-601-20	WINGWALLS FOR PIPE OR BOX CULVERTS (2 SHEETS)...	50-51	<input type="checkbox"/> M-629-1	SURVEY MONUMENTS (2 SHEETS).....	169-170	<input type="checkbox"/> S-614-23	TYPICAL TRAFFIC SIGNAL 30'-75' DOUBLE MAST ARMS.....	219-223
<input type="checkbox"/> M-603-1	METAL PIPE (4 SHEETS).....	52-55				<input type="checkbox"/> S-614-40	ALTERNATIVE TRAFFIC SIGNAL.....	224-227
<input type="checkbox"/> M-603-2	REINFORCED CONCRETE PIPE.....	56					25'-55' SINGLE MAST ARMS (4 SHEETS) <i>(REVISED ON JULY 22, 2022)</i>	
<input type="checkbox"/> M-603-3	PRECAST CONCRETE BOX CULVERT.....	57				<input type="checkbox"/> S-614-41	TEMPORARY SPAN WIRE SIGNALS (13 SHEETS).....	228-240
	<i>(REVISED ON SEPTEMBER 10, 2020)</i>					<input type="checkbox"/> S-614-42	CABINET FOUNDATION DETAIL (4 SHEETS) <i>(REVISED ON APRIL 4, 2024)</i>	241-244
<input type="checkbox"/> M-603-4	CORRUGATED POLYETHYLENE PIPE (AASHTO M294) AND CORRUGATED POLYPROPYLENE PIPE (AASHTO M330) (2 sheets) <i>(REVISED ON MARCH 7, 2022)</i>	58				<input type="checkbox"/> S-614-43	TRAFFIC LOOP AND MISCELLANEOUS SIGNAL DETAILS.....	245-252
<input type="checkbox"/> M-603-5	POLYVINYL CHLORIDE (PVC) PIPE (AASHTO M304).....	59				<input checked="" type="checkbox"/> S-614-44	PEDESTAL POLE SIGNALS (2 SHEETS).....	253-254
<input type="checkbox"/> M-603-6	STEEL REINFORCED POLYETHYLENE RIBBED PIPE (AASHTO MP 20).....	60				<input checked="" type="checkbox"/> S-614-45	PEDESTRIAN PUSH BUTTON POST ASSEMBLY DETAILS (6 SHEETS) <i>(REVISED ON DECEMBER 3, 2020)</i>	
<input type="checkbox"/> M-603-10	CONCRETE AND METAL END SECTIONS.....	61				<input type="checkbox"/> S-614-50	STATIC SIGN MONOTUBE STRUCTURES (12 SHEETS).....	255-266
<input type="checkbox"/> M-603-12	TRAVERSABLE END SECTIONS AND SAFETY GRATES (3 SHEETS).....	62-64				<input type="checkbox"/> S-614-60	DYNAMIC SIGN MONOTUBE STRUCTURES (14 SHEETS).....	267-280
<input type="checkbox"/> M-604-10	INLET, TYPE C.....	65				<input type="checkbox"/> S-627-1	PAVEMENT MARKINGS (11 SHEETS) <i>(REV. DEC. 20, 2024)</i>	281-289
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<input type="checkbox"/> M-604-13	CONCRETE INLET TYPE 13.....	69				<input checked="" type="checkbox"/> S-630-2	BARRICADES, DRUMS, CONCRETE BARRIERS (TEMP) AND VERTICAL PANELS.....	314
<input type="checkbox"/> M-604-20	MANHOLES (3 SHEETS).....	70-72				<input type="checkbox"/> S-630-3	FLASHING BEACON (PORTABLE) DETAILS.....	315
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						<input type="checkbox"/> S-630-6	EMERGENCY PULL-OFF AREA (TEMPORARY).....	320
						<input type="checkbox"/> S-630-7	ROLLING ROADBLOCKS FOR TRAFFIC CONTROL (3 SHEETS)	321-323



**COLORADO**  
**DEPARTMENT OF TRANSPORTATION**  
**M&S STANDARDS PLANS LIST**  
 July 31, 2019  
 Revised on April 25, 2025

ALL OF THE M&S STANDARD PLANS, AS SUPPLEMENTED AND REVISED, APPLY TO THIS PROJECT WHEN USED BY DESIGNATED PAY ITEM OR SUBSIDIARY ITEM.

THE M&S STANDARD PLANS USED TO DESIGN THIS PROJECT ARE INDICATED BY A MARKED BOX , AND WILL BE ATTACHED TO THE PLANS. ALL OTHER M&S STANDARD PLANS ARE STILL ELIGIBLE FOR USE IN CONSTRUCTION IF APPROVED BY AN APPROPRIATE CDDT ENGINEER.

All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/30/2025 File Name: 25188_CDDT_Standard_Plans_P2.dgn Horiz. Scale:      Vert. Scale: As Noted	Unit Information 	Sheet Revisions <table border="1" style="width: 100%;"> <thead> <tr> <th>Date:</th> <th>Comments</th> <th>Init.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Date:	Comments	Init.											As Constructed No Revisions: Revised: Void:	<b>PEDESTRIAN CROSSINGS PACKAGE 2</b> <b>CDDT STANDARD PLAN LIST</b> Designer: JLERNER Detailer: TONMILLER Sheet Subset: STANDARD Subst Sheets: 1 of 1	Project No./Code RFP-24-007 26666 Sheet Number <b>3</b>
	Date:	Comments	Init.																



Know what's below.  
Call before you dig.

**GENERAL**

- G1. THE CONTRACTOR SHALL FIELD VERIFY LENGTHS, DIAMETERS, ELEVATIONS, LOCATIONS AND THICKNESS BEFORE ORDERING MATERIALS.
- G2. NO EXCESS MATERIAL SHALL BE DISPOSED OF WITHIN THE PROJECT LIMITS BUT SHALL BE HAULED OFF SITE FOR DISPOSAL, WHICH SHALL BE INCLUDED IN THE COST OF THE WORK.
- G3. ANY EXISTING ITEM NOT IDENTIFIED IN THE CONTRACT TO BE REMOVED OR MODIFIED, WHICH ARE DAMAGED BY THE WORK, SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ANY DAMAGE TO ITEMS DESIGNATED TO BE PROTECTED IN PLACE SHALL BE REPAIRED OR REPLACED TO PRECONSTRUCTION CONDITIONS OR BETTER AT NO ADDITIONAL COST TO THE PROJECT.
- G4. SULFATE RESISTANT CONCRETE FOR THIS PROJECT SHALL BE CLASS 2. THE SEVERITY OF POTENTIAL SULFATE EXPOSURE SHALL BE CLASS 2 FOR THIS PROJECT.
- G5. UNLESS OTHERWISE NOTED, MATERIALS SHALL BE CONTRACTOR'S SOURCE.
- G6. FIELD OFFICE (CLASS 2), FIELD LABORATORY (CLASS 2) AND SANITARY FACILITY SHALL BE LOCATED AS APPROVED BY ENGINEER.

**BASES & PAVEMENT**

- P1. FOR PRELIMINARY PLAN QUANTITIES OF PAVEMENT STRUCTURE MATERIALS, THE FOLLOWING RATES OF APPLICATION WERE USED:
 

EMULSIFIED ASPHALT (SLOW-SETTING)	@ 0.1 GALS./SQ. YD.(DILUTED)
EMULSIFIED ASPHALT (PRIME COAT)	@ 0.1 GALS./SQ. YD.(DILUTED)
HOT MIX ASPHALT	@ 110 LBS./SQ. YD./INCH
AGGREGATE BASE COURSE	@ 133 LBS/CU. FT.
- P2. A TACK COAT OF EMULSIFIED ASPHALT (SLOW-SETTING) IS TO BE APPLIED TO THE EXISTING ASPHALT SURFACE AND PROPOSED LIFTS PRIOR TO PAVING, OVERLAY, AND PATCHING. DILUTED EMULSIFIED ASPHALT FOR TACK COAT SHALL CONSIST OF 1 PART EMULSIFIED ASPHALT AND 1 PART WATER.
- P3. A TACK COAT IS REQUIRED PRIOR TO THE PLACEMENT OF HMA. BEFORE PLACEMENT OF THE TACK COAT, THE CONTRACTOR SHALL CLEAN THE ROADWAY IN A METHOD AS DIRECTED BY THE ENGINEER. SWEEPING OF DIRT AND GRAVEL FOR CLEANING THE ROADWAY WILL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE WORK.
- P4. A TACK COAT OF EMULSIFIED ASPHALT (SLOW-SETTING) SHALL BE APPLIED AT THE FOLLOWING LOCATIONS:
  - A. BEFORE PLACING NEW PAVEMENT OVER EXISTING OR NEW PAVEMENT.
  - B. ADJACENT TO EXISTING PAVEMENT AND OTHER SURFACES AGAINST WHICH ASPHALT IS PLACED.
  - C. BETWEEN PAVEMENT COURSES.
- P5. THE FOLLOWING SHALL BE FURNISHED WITH EACH BITUMINOUS PAVER:
  - A. A SKI TYPE DEVICE AT LEAST 30 FEET IN LENGTH.
  - B. SHORT SKI OR SHOE.
  - C. TAPER SHOE REQUIRED FOR LONGITUDINAL SEAM.
- P6. BUTT JOINTS SHALL BE REQUIRED BETWEEN CONCRETE AND ASPHALT PAVEMENT WHERE THE CONCRETE PAVEMENT ENDS AND THE ASPHALT PAVEMENT BEGINS. A 2 INCH BUTT JOINT SHALL BE PROVIDED WHERE NEW ASPHALT PAVEMENT TIES INTO EXISTING ASPHALT PAVEMENT AT ROAD APPROACHES AND DRIVEWAYS.
- P7. PLACEMENT OF BASE COURSE SHALL NOT BEGIN UNTIL THE ENGINEER HAS APPROVED THE SUBGRADE. THE PAVEMENT SUBGRADE SHALL BE PROOF ROLLED AND APPROVED BY THE ENGINEER PRIOR TO THE PLACEMENT OF ANY PAVEMENT. AREAS WHICH DEFORM UNDER HEAVY WHEEL LOADS AS DETERMINED BY THE ENGINEER ARE NOT STABLE AND SHALL BE REMOVED AND REPLACED TO ACHIEVE A STABLE SUBGRADE PRIOR TO PAVING. THE ENGINEER WILL APPROVE THE TYPE AND WEIGHT OF THE VEHICLE TO BE USED FOR THE PROOF ROLL. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT AND LABOR NECESSARY FOR THE PROOF ROLL. PROOF ROLLING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.
- P8. THE FULL WIDTH OF A LANE SHALL BE PAVED AT ONE TIME. JOINTS WILL NOT BE ALLOWED IN THE CENTER OF THE LANE.
- P9. ANY LAYER OF HOT MIX ASPHALT THAT IS TO HAVE A SUCCEEDING LAYER PLACED THEREON SHALL BE COMPLETED FULL WIDTH BEFORE THE SUCCEEDING LAYER IS PLACED.
- P10. WHEN MORE THAN ONE LIFT OF HOT MIX ASPHALT IS BEING PLACED, LONGITUDINAL JOINTS FORMED BY ADJACENT PASSES WITH THE PAVER IN A LIFT SHALL BE OFFSET BY A MINIMUM OF 6" BETWEEN LIFTS. IN EVERY PAVEMENT LAYER THE LONGITUDINAL JOINTS SHALL NOT BE CONSTRUCTED IN THE WHEEL PATHS.

- P11. ALL LIFTS OF HOT MIX ASPHALT, INCLUDING PATCHING AND LEVELING, SHALL HAVE A MINIMUM THICKNESS OF 1.5 INCHES AND A MAXIMUM THICKNESS OF 3.0 INCHES UNLESS OTHERWISE APPROVED BY THE ENGINEER. FEATHERING OF HOT MIX ASPHALT LIFTS WILL NOT BE ALLOWED UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- P12. WHERE PAVEMENT IS TO ABUT EXISTING PAVEMENT, THE EXISTING ASPHALT SHALL BE REMOVED TO A NEAT VERTICAL LINE WITH A SAW OR AS APPROVED BY THE ENGINEER. CUT FACES SHALL NOT REMAIN UNPROTECTED OVERNIGHT. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED AS SUBSIDIARY TO THE WORK. THE CONTRACTOR WILL BE REQUIRED TO APPLY DILUTED EMULSIFIED ASPHALT (SLOW-SETTING) TO THE EDGE OF CUT ASPHALT PRIOR TO PAVING OPERATIONS.
- P13. EXISTING ASPHALT PAVEMENT TO BE REMOVED AND PAID FOR AS 202-00220 REMOVAL OF ASPHALT MAT, SHALL BE REMOVED TO FULL DEPTH.
- P14. MEDIAN COVER MATERIAL (4 INCH PATTERNED CONCRETE) SHALL BE PER EL PASO COUNTY STANDARD SD\_2-21.

**TRAFFIC SIGNING AND STRIPING**

- T1. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE CONDITION OF SIGNS WHICH ARE TO BE RESET. IF A SIGN IS DAMAGED DURING THE REMOVAL, STORAGE, OR INSTALLATION OF THE SIGN, THE SIGN WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- T2. THE CONTRACTOR SHALL DEVELOP A TRAFFIC MANAGEMENT PLAN IN ACCORDANCE WITH THE PROJECT SPECIFICATION "TRAFFIC CONTROL PLAN – GENERAL" THAT IDENTIFIES A CONSTRUCTION RELATED TRAFFIC CONTROL PLAN, WORK ZONE MANAGEMENT STRATEGIES, AND CONTINGENCY PLANS. THE TRAFFIC MANAGEMENT PLAN WILL DESCRIBE STRATEGIES TO PROVIDE ADVANCE NOTICE OF ALL CONSTRUCTION DELAYS OR DETOURS. ACCESS TO LOCAL BUSINESSES AND RESIDENCES SHALL BE MAINTAINED AT ALL TIMES.

**ENVIRONMENTAL**

- EN1. THE FOLLOWING BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED DURING CONSTRUCTION:
  - TO THE EXTENT POSSIBLE, THE CONTRACTOR SHALL UTILIZE EXISTING POWER SOURCES OR CLEAN FUEL GENERATORS RATHER THAN TEMPORARY POWER GENERATORS
  - MAINTAIN ENGINES AND EXHAUST SYSTEMS ON CONSTRUCTION EQUIPMENT AND VEHICLES IN GOOD WORKING ORDER. PROHIBIT TAMPERING WITH EQUIPMENT TO INCREASE HORSEPOWER OR DISABLING EMISSION CONTROL DEVICES. EQUIPMENT IS SUBJECT TO INSPECTION BY THE PROJECT MANAGER TO ENSURE MAINTENANCE IS CONDUCTED REGULARLY.
  - PROHIBIT UNNECESSARY IDLING OF CONSTRUCTION EQUIPMENT AND VEHICLES.
  - LOCATE STAGING AREAS AND STATIONARY CONSTRUCTION EQUIPMENT/DIESEL ENGINES AS FAR AS POSSIBLE FROM RESIDENCES AND OTHER SENSITIVE RECEPTORS.
  - COVER, WET, COMPACT, OR USE CHEMICAL STABILIZATION TO CONTROL DUST FROM DISTURBED AREAS AND EXCAVATED MATERIALS DURING CONSTRUCTION. MINIMIZE DISTURBED AREAS, PARTICULARLY DURING DRY WEATHER CONDITIONS, AND USE WIND BARRIERS AS APPROPRIATE.
  - EMPLOY WHEEL WASH STATIONS AT POINTS OF INGRESS/EGRESS. USE STREET SWEEPERS TO REMOVE SOIL TRACKED ONTO ADJACENT ROADWAYS.
  - CONSISTENT WITH CDOT'S STANDARD SPECIFICATION 209 WATER AND DUST PALLIATIVES, AN OPERATIONAL WATER TRUCK SHALL APPLY WATER TO CONTROL DUST AS NEEDED TO PREVENT DUST IMPACTS OFFSITE.
- EN2. AIR QUALITY: WATER SHALL BE USED AS A DUST CONTROL PALLIATIVE WHERE REQUIRED. LOCATIONS SHALL BE AS DIRECTED BY THE PROJECT MANAGER. CONTAMINATED GROUNDWATER SHALL NOT BE USED AS A DUST PALLIATIVE. WATER FOR A DUST PALLIATIVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.
- EN3. AIR QUALITY: DUST CONTROL FOR THE PROJECT SHALL BE RESPONSIBILITY OF THE CONTRACTOR. THE COSTS ASSOCIATED WITH DUST CONTROL OF THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.
- EN4. BIOLOGICAL RESOURCES: A PRE-CONSTRUCTION SURVEY FOR NESTING RAPTORS WILL BE COMPLETED WITHIN A HALF- MILE BUFFER OF THE STUDY AREA PRIOR TO CONSTRUCTION IF CONSTRUCTION IS TO OCCUR BETWEEN FEBRUARY 1 AND AUGUST 31. IF ANY NESTING RAPTORS OCCUR WITHIN THE BUFFER AREA, THEN CPW "RECOMMENDED BUFFER ZONES AND SEASONAL RESTRICTIONS FOR COLORADO RAPTORS" GUIDELINES WILL BE FOLLOWED. CONTACT STEPHANIE PROCHASKA TO SCHEDULE THE PRE-CONSTRUCTION SURVEY ([STEPHANIE.PROCHASKA@STATE.CO.US](mailto:STEPHANIE.PROCHASKA@STATE.CO.US) OR 719-750-7077).
- EN5. VEGETATION SHALL BE CLEARED OUTSIDE OF THE ACTIVE NESTING PERIOD OF FEBRUARY 1 THROUGH AUGUST 31 FOR MIGRATORY BIRDS. IF CONSTRUCTION IS TO COMMENCE BETWEEN APRIL 1 AND AUGUST 31, TO AVOID IMPACTS TO NESTING BIRDS IN ACCORDANCE WITH THE MBTA, A QUALIFIED BIOLOGIST WILL CONDUCT A NEST SURVEY PRIOR TO CONSTRUCTION. IF ACTIVE NESTS ARE FOUND,

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Sheet Revisions		
Date:	Comments	Init.



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PEDESTRIAN CROSSINGS PACKAGE 2 GENERAL NOTES			
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Detailer:	GPRINCE		
Sheet Subset:	NOTES	Subset Sheets:	1 of 2

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26666
Sheet Number <b>4</b>



COORDINATION WITH CPW AND USFWS IS REQUIRED TO DETERMINE AN APPROPRIATE COURSE OF ACTION, WHICH MAY INCLUDE, BUT IS NOT LIMITED TO, A DELAY IN CONSTRUCTION TO AVOID THE BREEDING SEASON.

- EN6. BIOLOGICAL RESOURCES: MINIMIZE THE AMOUNT OF DISTURBANCE AND LIMIT THE AMOUNT OF TIME THAT DISTURBED AREAS ARE ALLOWED TO BE NON-VEGETATED. AVOID EXISTING TREES, SHRUBS, AND VEGETATION TO THE MAXIMUM EXTENT POSSIBLE, ESPECIALLY RIPARIAN PLANT COMMUNITIES. SALVAGE WEED-FREE TOPSOIL FOR USE IN REVEGETATION
- EN7. VISUAL: STOCKPILE AREAS WILL BE IN CONTAINERS OR NEATLY ORGANIZED, CLEANED AND LOCATED IN LESS VISIBLY SENSITIVE AREAS, AND WHENEVER POSSIBLE, NOT VISIBLE FROM RECREATIONAL AREAS OR HISTORIC PROPERTIES.
- EN8. NOISE: CONTRACTOR'S RESPONSIBILITIES FOR COMPLIANCE WITH LOCAL NOISE ORDINANCES DURING CONSTRUCTION / NIGHT WORK.
- EN9. NOISE: THE FOLLOWING MEASURES WILL BE TAKEN TO THE EXTENT PRACTICABLE TO AVOID, MINIMIZE, AND MITIGATE TEMPORARY ADVERSE NOISE IMPACTS:
  - USE ALTERNATIVE CONSTRUCTION METHODS OR EQUIPMENT THAT PRODUCES LESS NOISE, INCLUDING ELECTRICALLY POWERED EQUIPMENT.
  - RESCHEDULE CONSTRUCTION OPERATIONS TO OCCUR DURING DAYTIME HOURS.
  - NOTIFY NEIGHBORS IN ADVANCE WHEN CONSTRUCTION NOISE MAY OCCUR.
  - KEEP NOISY ACTIVITIES AND STATIONARY EQUIPMENT AS FAR FROM SENSITIVE RECEPTORS AS POSSIBLE. PROHIBIT UNNECESSARY IDLING OF CONSTRUCTION EQUIPMENT AND VEHICLES.
  - KEEP EXHAUST SYSTEMS ON EQUIPMENT IN GOOD WORKING ORDER. ALL CONSTRUCTION EQUIPMENT IS SUBJECT TO INSPECTION BY THE CONSTRUCTION PROJECT MANAGER TO ENSURE MAINTENANCE IS BEING CONDUCTED. EQUIPMENT AND VEHICLES WITHOUT MUFFLED EXHAUST SYSTEMS WILL NOT BE ALLOWED ON THE WORK SITE.
  - USE PROPERLY DESIGNED ENGINE ENCLOSURES AND INTAKE SILENCERS. EMPLOY TEMPORARY ACOUSTIC BARRIERS AROUND STATIONARY CONSTRUCTION NOISE SOURCES AS NECESSARY AND VIABLE.
- EN10. HAZMAT: CONTRACTORS AND WORKERS SHALL COMPLY WITH THE CDOT'S LATEST REVISION OF SECTION 250 – ENVIRONMENTAL, HEALTH AND SAFETY MANAGEMENT OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CDOT, 2023).
- EN11. HAZMAT: WORKERS SHALL BE ALERT DURING EXCAVATIONS FOR ANY VISUAL OR OLFATORY SIGNS OF CONTAMINATION. IF GAS, SOIL AND/OR GROUNDWATER CONTAMINATION IS ENCOUNTERED, WORK WILL STOP IMMEDIATELY, AND THE PROCEDURES OUTLINED IN THE CDOT SPECIFICATION 250 AND SUBSECTION 107.25.(B) SHALL BE FOLLOWED.
- EN12. HISTORIC RESOURCES: IN LOCATIONS WHERE PERMANENT IMPROVEMENTS REQUIRE THE REMOVAL OF LANDSCAPING AND/OR MATURE VEGETATION, THE LANDSCAPING AND/OR MATURE VEGETATION WILL BE REPLACED AT ANOTHER LOCATION ON THE PROPERTY.
- EN13. PALEONTOLOGY: SHOULD UNIDENTIFIED PALEONTOLOGICAL RESOURCES BE DISCOVERED DURING CONSTRUCTION, CDOT STANDARD SPECIFICATION 107.23 WILL BE FOLLOWED. WORK WILL STOP UNTIL THE CDOT PALEONTOLOGIST DR. PEAVEY (NICOLE.PEAVEY@STATE.CO.US OR 303.757.9632) IS CONTACTED AND THE RESOURCES HAVE BEEN EVALUATED TO DETERMINE THEIR SIGNIFICANCE.
- EN14. VEGETATION: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL EXISTING WATER SERVICES, SPRINKLER CONNECTIONS AND VEGETATION WITHIN THE VICINITY OF CONSTRUCTION. THIS INCLUDES DRIVING OR STAGING OF CONSTRUCTION VEHICLES AND/OR EQUIPMENT. IF ANY DAMAGE OCCURS TO LANDSCAPE, INCLUDING TOPSOIL, GRASS, IRRIGATION SYSTEM COMPONENTS, TREES, SHRUBS, GROUND COVER, AND/OR MULCH, THE CONTRACTORS SHALL RESTORE THE AREA TO ITS ORIGINAL CONDITION. IF DAMAGE IS DUE TO CONTRACTOR NEGLIGENCE, THE REPLACEMENT SHALL BE AT THE CONTRACTOR'S EXPENSE. OTHERWISE, THE REPLACEMENT COST SHALL BE INCLUDED WITH THE COST OF THE WORK.

**RIGHT OF WAY**

- R1. RIGHT-OF-WAY MONUMENTATION TO BE PERFORMED BY THE CONTRACTOR'S SURVEYOR – SEE SURVEY TAB SHEET AND RIGHT-OF-WAY PLAN SET FOR FURTHER DETAILS.
- R2. THE CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION DESIGNATED TO REMAIN FROM DAMAGE DURING CONSTRUCTION OPERATIONS. ANY MONUMENTS DISTURBED BY THE CONTRACTOR THAT ARE NOT DESIGNATED FOR RELOCATION, SHALL BE RESET AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH SECTION 629, SURVEY MONUMENTATION. THE CONTRACTOR AND ENGINEER SHALL NOTE THOSE MONUMENTS IN THE FIELD PRIOR TO CONSTRUCTION. SEE TABULATION OF SURVEY.
- R3. THE TEMPORARY CONSTRUCTION EASEMENTS ARE LIMITED TO SPECIFIC CONSTRUCTION ITEMS AND THE AREA IS TO BE RETURNED TO EXISTING CONDITION AS SOON AS POSSIBLE. THE AREAS ARE NOT TO BE USED FOR STORAGE OR PARKING. CONFIRM THE DURATION OF TEMPORARY CONSTRUCTION EASEMENTS WITH THE ENGINEER.

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	Unit Information					Void:	Detailer: XREYNOLDS		
	5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800					Sheet Subset: NOTES	Subset Sheets: 2 of 2		Sheet Number 5

**STANDARD NOTES FOR EL PASO COUNTY GRADING AND EROSION CONTROL PLANS**

1. NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE, AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY (EPC) STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE (LDC), THE ENGINEERING CRITERIA MANUAL (ECM), THE DRAINAGE CRITERIA MANUAL (DCM) VOLUME 1 AND 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING.
2. A PRECONSTRUCTION MEETING BETWEEN THE PERMIT HOLDER(S) AND EL PASO COUNTY SHALL BE HELD PRIOR TO ANY CONSTRUCTION ACTIVITIES. IT IS THE RESPONSIBILITY OF THE PERMIT HOLDER(S) TO COORDINATE THE MEETING TIME AND PLACE WITH COUNTY STAFF. NO LAND DISTURBANCE OR CONSTRUCTION ACTIVITIES BEYOND THE INSTALLATION OF THE INITIAL CONSTRUCTION CONTROL MEASURES (CCMS), AS INDICATED ON THE APPROVED GEC PLAN OR CDS WITH GEC PLANS, MAY OCCUR PRIOR TO RECEIVING A NOTICE TO PROCEED (NTP) ISSUED BY THE ECM ADMINISTRATOR. FAILURE TO OBTAIN A NOTICE TO PROCEED PRIOR TO BEGINNING LAND DISTURBING ACTIVITIES MAY RESULT IN AN IMMEDIATE STOP WORK ORDER (SWO).
3. CONSTRUCTION CONTROL MEASURES MUST BE INSTALLED PRIOR TO COMMENCEMENT OF ACTIVITIES THAT COULD CONTRIBUTE POLLUTANTS TO STORMWATER. STORMWATER RUNOFF FROM ALL DISTURBED AREAS AND SOIL STORAGE AREAS MUST UTILIZE OR FLOW TO ONE OR MORE CCM(S) TO MINIMIZE EROSION OR SEDIMENT IN THE DISCHARGE. THE CCM(S) MUST CONTAIN OR FILTER FLOWS IN ORDER TO PREVENT THE BYPASS OF FLOWS WITHOUT TREATMENT AND MUST BE APPROPRIATE FOR STORMWATER RUNOFF FROM DISTURBED AREAS AND FOR THE EXPECTED FLOW RATE, DURATION, AND FLOW CONDITIONS (E.G., SHEET OR CONCENTRATED FLOW).
4. ALL CCMS SHALL BE MAINTAINED AND REMAIN IN EFFECTIVE OPERATING CONDITION UNTIL FINAL STABILIZATION IS ACHIEVED. THE QUALIFIED STORMWATER MANAGER (QSM) SHALL ASSESS THE ADEQUACY OF CCMS AT THE SITE AND IDENTIFY IF CHANGES TO THOSE CCMS ARE NEEDED TO ENSURE THE CONTINUED EFFECTIVE PERFORMANCE OF THE CCMS.
5. PRIOR TO CONSTRUCTION THE PERMIT HOLDER(S) SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.
6. MANAGEMENT OF THE STORMWATER MANAGEMENT PLAN (SWMP) DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE DESIGNATED QSM. THE SWMP SHALL BE LOCATED ON-SITE OR DIGITALLY ACCESSIBLE AT ALL TIMES DURING CONSTRUCTION ACTIVITIES AND MUST BE IMPLEMENTED AS WRITTEN FROM THE START OF CONSTRUCTION ACTIVITY UNTIL FINAL STABILIZATION IS ACHIEVED. THE QSM SHALL AMEND THE SWMP WHEN THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE OF THE SITE WHICH WOULD REQUIRE THE IMPLEMENTATION OF NEW OR REVISED CCMS OR IF THE SWMP PROVES TO BE INEFFECTIVE IN CONTROLLING POLLUTANTS IN STORMWATER RUNOFF ASSOCIATED WITH CONSTRUCTION ACTIVITY OR WHEN CCMS ARE NO LONGER NECESSARY AND ARE REMOVED. THE QSM SHALL MAINTAIN A RECORD OF AMENDMENTS MADE TO THE SWMP THAT INCLUDES THE DATE AND IDENTIFICATION OF THE CHANGES.
7. EARTH DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO EFFECTIVELY MINIMIZE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION. ALL DISTURBANCES SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME. PRE-EXISTING VEGETATION SHALL BE PROTECTED AND MAINTAINED WITHIN 50 HORIZONTAL FEET OF A RECEIVING WATER UNLESS SHOWN TO BE INFEASIBLE AND SPECIFICALLY REQUESTED AND APPROVED. IN ADDITION TO MAINTAINING 50 HORIZONTAL FEET OF PRE-EXISTING VEGETATION UPGRADIENT OF A RECEIVING WATER (UNLESS INFEASIBLE AND APPROVED), THE PERMIT HOLDER(S) MUST INSTALL CCMS UPGRADIENT OF THE VEGETATIVE BUFFER.
8. TEMPORARY STABILIZATION MEASURES SHALL BE IMPLEMENTED ON DISTURBED AREAS AND STOCKPILES WHERE GROUND DISTURBING CONSTRUCTION ACTIVITY HAS PERMANENTLY CEASED OR TEMPORARILY CEASED FOR LONGER THAN 14 DAYS.
9. EROSION CONTROL BLANKET (ECB) OR OTHER APPROVED CONTROL MEASURE(S) SHALL BE USED ON SLOPES STEEPER THAN 3:1.
10. VEHICLE TRACKING CONTROLS (VTC) MUST BE IMPLEMENTED TO MINIMIZE VEHICLE TRACKING OF SEDIMENT FROM DISTURBED AREAS. VTCs MUST INCLUDE A STRUCTURE CONTROL MEASURE (E.G., TRACKING PAD) AND MAY INCLUDE A NON-STRUCTURAL CONTROL MEASURE (E.G., SWEEPING). MATERIAL TRACKED OFF-SITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY.
11. ANY TEMPORARY OR PERMANENT CONTROL MEASURE DESIGNED AND CONSTRUCTED FOR THE CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE EARTH DISTURBANCE AREA SHALL BE A STABILIZED CONVEYANCE DESIGNED TO MINIMIZE EROSION AND THE DISCHARGE OF SEDIMENT OFF-SITE.
12. NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE CURB AND GUTTER, PERMANENT CONTROL MEASURES (PCMS), OR DITCHES EXCEPT WITH APPROVED SEDIMENT CONTROL MEASURES.
13. ALL PCMS SHALL BE INSTALLED AS DESIGNED IN THE APPROVED PLANS. ANY PROPOSED CHANGES THAT AFFECT THE DESIGN OR FUNCTION OF PCMS MUST BE APPROVED BY THE ECM ADMINISTRATOR PRIOR TO IMPLEMENTATION.
14. SOIL COMPACTION MUST BE MINIMIZED IN AREAS WHERE INFILTRATION PCMS WILL BE INSTALLED OR IN AREAS WHERE FINAL STABILIZATION WILL BE ACHIEVED BY VEGETATIVE COVER. AREAS DESIGNATED FOR INFILTRATION PCMS SHALL ALSO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION UNTIL FINAL STABILIZATION IS ACHIEVED. IF SOIL COMPACTION DOES OCCUR IN AREAS WHERE FINAL STABILIZATION WILL BE ACHIEVED BY VEGETATIVE COVER OR IN AREAS WHERE INFILTRATION PCMS WILL BE INSTALLED, DECOMPACTION OF THE SOIL MUST BE COMPLETED PRIOR TO PLANTING OR INSTALLATION OF THE PCM(S). AN INFILTRATION TEST MUST BE CONDUCTED FOR ALL INFILTRATION PCMS AND THE INFILTRATION TEST RESULTS SUBMITTED TO EL PASO COUNTY PRIOR TO PRELIMINARY ACCEPTANCE (PA).
15. FINAL STABILIZATION MUST BE IMPLEMENTED AT ALL APPLICABLE CONSTRUCTION SITES. FINAL STABILIZATION IS ACHIEVED WHEN ALL GROUND DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND PERMANENT STABILIZATION METHODS ARE COMPLETE. WHEN USING VEGETATIVE COVER AS A PERMANENT STABILIZATION METHOD, THE VEGETATION SHALL BE EVENLY DISTRIBUTED PERENNIAL VEGETATION AND OF THE VARIETY AND SPECIES FOUND IN THE COUNTY-APPROVED SEED MIXES OR IN THE APPROVED GEC PLAN. VEGETATION COVERAGE SHALL BE, AT A MINIMUM, EQUAL TO 70% OF WHAT WOULD HAVE BEEN PROVIDED BY NATIVE VEGETATION IN A LOCAL, UNDISTURBED AREA OR ADEQUATE REFERENCE SITE. ALL TEMPORARY CCMS SHALL BE REMOVED UPON FINAL STABILIZATION AND PRIOR TO STORMWATER PERMIT TERMINATION.
16. STORMWATER DISCHARGES FROM CONSTRUCTION SITES SHALL NOT CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR DEGRADATION OF STATE WATERS. ALL WORK AND EARTH DISTURBANCE SHALL BE DONE IN A MANNER THAT MINIMIZES POLLUTION OF ANY ON-SITE OR OFF-SITE WATERS, INCLUDING WETLANDS.
17. CONCRETE WASH WATER SHALL BE CONTAINED AND DISPOSED OF IN ACCORDANCE WITH THE SWMP. NO WASH WATER SHALL BE DISCHARGED TO OR ALLOWED TO BE DISCHARGED OFFSITE OR TO ENTER STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR CONTROL MEASURES. CONCRETE WASHOUT AREAS SHALL NOT BE LOCATED IN AN AREA WHERE SHALLOW GROUNDWATER MAY BE PRESENT, OR WITHIN 50 FEET OF A SURFACE WATER BODY, CREEK, OR STREAM.
18. DURING CONSTRUCTION DEWATERING OPERATIONS, UNCONTAMINATED GROUNDWATER MAY BE DISCHARGED ON-SITE IN ACCORDANCE WITH THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT'S (CDPHE) LOW RISK DISCHARGE GUIDANCE POLICY FOR DISCHARGES OF UNCONTAMINATED GROUNDWATER TO LAND. IF CONSTRUCTION DEWATERING OPERATIONS ARE UNABLE TO MEET ALL CRITERIA, CONDITIONS, AND CONTROL MEASURE REQUIREMENTS OF THE LOW RISK DISCHARGE GUIDANCE POLICY, A COLORADO DISCHARGE PERMIT SYSTEM (CDPS) GENERAL PERMIT COG080000 WILL BE REQUIRED.
19. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL WASTE FROM THE CONSTRUCTION SITE FOR DISPOSAL IN ACCORDANCE WITH LOCAL AND STATE REGULATORY REQUIREMENTS. NO CONSTRUCTION DEBRIS,

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Know what's below.  
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TREE SLASH, BUILDING MATERIAL WASTES, OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE.

- 20. THE PERMIT HOLDER(S) SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SEDIMENT, SOIL, AND SAND THAT MAY ACCUMULATE IN ROADS, STORM DRAINS AND OTHER DRAINAGE CONVEYANCE SYSTEMS AND STORMWATER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT.
- 21. THE QUANTITY OF MATERIALS STORED ON THE PROJECT SITE SHALL BE LIMITED, AS MUCH AS PRACTICAL, TO THAT QUANTITY REQUIRED TO PERFORM THE WORK IN AN ORDERLY SEQUENCE. ALL MATERIALS STORED ON-SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER, IN THEIR ORIGINAL CONTAINERS, WITH ORIGINAL MANUFACTURER'S LABELS.
- 22. MATERIALS SHALL NOT BE TEMPORARILY PLACED OR STORED IN THE STREET, ALLEY, OR OTHER PUBLIC WAY, UNLESS IN ACCORDANCE WITH AN APPROVED TRAFFIC CONTROL PLAN. APPROPRIATE CMS SHALL BE UTILIZED BASED ON SPECIFIC CONDITIONS AND CIRCUMSTANCES.
- 23. BULK STORAGE (I.E., INDIVIDUAL CONTAINERS OF 55 GALLONS OR GREATER) OF ALLOWED PETROLEUM PRODUCTS OR OTHER ALLOWED LIQUID SHALL REQUIRE ADEQUATE SECONDARY CONTAINMENT, OR EQUIVALENT PROTECTION, TO CONTAIN ALL SPILLS ON-SITE AND TO PREVENT ANY SPILLED MATERIALS FROM ENTERING STATE WATERS, ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM, OR OTHER FACILITIES.
- 24. NO CHEMICAL(S) HAVING THE POTENTIAL TO BE RELEASED IN STORMWATER ARE TO BE STORED OR USED ON-SITE UNLESS PERMISSION FOR THE USE OF SUCH CHEMICAL(S) IS GRANTED IN WRITING BY THE ECM ADMINISTRATOR. IN GRANTING APPROVAL FOR THE USE OF SUCH CHEMICAL(S), SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED.
- 25. ON AREAS OF EXPOSED SOIL, MINIMIZE DUST THROUGH THE APPROPRIATE APPLICATION OF WATER OR OTHER DUST SUPPRESSION TECHNIQUES. WATER APPLICATION MUST BE CONDUCTED IN A MANNER TO PREVENT DISCHARGE OFFSITE UNLESS AUTHORIZED BY A CDPS OR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT.
- 26. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE ONLY AT APPROVED CONSTRUCTION ACCESS POINTS.
- 27. FOR SITES WHERE A SOILS REPORT IS REQUIRED, THE APPROVED SOILS REPORT FOR THIS SITE SHALL BE CONSIDERED A PART OF THESE PLANS.
- 28. PERMIT HOLDER(S) AND THEIR AGENTS SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8, CRS), AND THE "CLEAN WATER ACT" (33 USC 1344), IN ADDITION TO THE REQUIREMENTS OF THE LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL VOLUME 2, AND ENGINEERING CRITERIA MANUAL. ALL APPLICABLE LOCAL, STATE, AND FEDERAL PERMITS MUST BE OBTAINED PRIOR TO CONSTRUCTION. IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND OTHER LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL, STATE, LOCAL, OR COUNTY AGENCIES, THE MOST RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.
- 29. CONTRACTOR IS RESPONSIBLE FOR PLACING VEHICLE TRACKING PAD
- 30. AT LEAST TEN (10) DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB ONE (1) ACRE OR MORE OR LESS THAN 1 ACRE AND PART OF A LARGER COMMON PLAN OF DEVELOPMENT OR SALE THAT WOULD DISTURB 1 OR MORE ACRES, THE PERMIT HOLDER(S) SHALL SUBMIT A PERMIT APPLICATION FOR STORMWATER DISCHARGE (COR400000 PERMIT) TO THE CDPHE WATER QUALITY DIVISION. THE APPLICATION CONTAINS CERTIFICATION OF COMPLETION OF A SWMP, OF WHICH THIS GEC PLAN MAY BE A PART.

FOR INFORMATION OR APPLICATION MATERIALS CONTACT:

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
WATER QUALITY CONTROL DIVISION  
WQCD – PERMITS  
4300 CHERRY CREEK DRIVE SOUTH  
DENVER, CO 80246-1530  
ATTN: PERMITS UNIT

**Engineer's Statement:**

This Grading and Erosion Control Plan was prepared under my direction and supervision and is correct to the best of my knowledge and belief. Said Plan has been prepared according to the criteria established by the County for Grading and Erosion Control Plans. I accept responsibility for any liability caused by any negligent acts, errors or omissions on my part in preparing this report.

\_\_\_\_\_  
Engineer of Record Signature

\_\_\_\_\_  
Date

**Owner's Statement:**

The Owner will comply with the requirements of the Grading and Erosion Control Plan.

\_\_\_\_\_  
Owner Signature

\_\_\_\_\_  
Date

**El Paso County:**

County plan review is provided only for general conformance with County Design Criteria. The County is not responsible for the accuracy and adequacy of the design, dimensions, and/ or elevations which shall be confirmed at the job site. The County through the approval of this document assumes no responsibility for completeness and/ or accuracy of this document. Filed in accordance with the requirements of the El Paso County Land Development Code, Drainage Criteria, and Engineering Criteria Manual as amended.

\_\_\_\_\_  
County Project Engineer Signature

\_\_\_\_\_  
Date

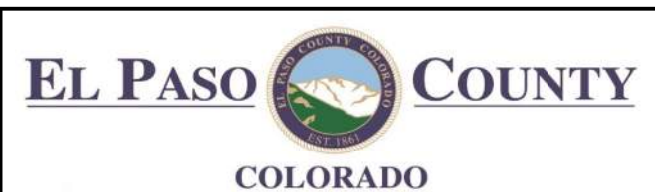


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PEDESTRIAN CROSSINGS PACKAGE 1 SWMP NOTES			
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Detailer:	CBURLISON		
Sheet Subset:	SWMP	Subset Sheets:	2 of 2

Project No./Code
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25188
Sheet Number <b>7</b>



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GENERAL	IRRIGATION	TELEPHONE			
▲ CONTROL MONUMENT	⊙ BLOWOFF	⊕ MANHOLE	---	E --- OH --- E --- OH ---	OVERHEAD ELECTRIC LINE
⊕ TESTHOLE	⊕ MANHOLE	➤ MARKER	---	E-QLB --- E-QLB ---	} UNDERGROUND ELECTRIC LINE
THXX	➤ MARKER	⊕ PEDESTAL	---	E-QLC --- E-QLC ---	
<b>ELECTRIC</b>	⊕ METER	➤ POLE	---	E-QLD --- E-QLD ---	
○ GUY POLE	⊕ PEDESTAL	⊕ TPB PULLBOX	---	FO --- OH --- FO --- OH ---	OVERHEAD FIBER OPTIC LINE
↓ GUY WIRE	⊕ IRPB PULLBOX	⊕ VAULT	---	FO-QLB --- FO-QLB ---	} UNDERGROUND FIBER OPTIC LINE
⊕ MANHOLE	⊕ VALVE		---	FO-QLC --- FO-QLC ---	
➤ MARKER	⊕ VENT		---	FO-QLD --- FO-QLD ---	
⊕ METER		<b>TELEVISION</b>	---	G-QLB --- G-QLB ---	} UNDERGROUND GAS LINE
⊕ OUTLET		⊕ MANHOLE	---	G-QLC --- G-QLC ---	
⊕ PEDESTAL	<b>LIGHTING</b>	➤ MARKER	---	G-QLD --- G-QLD ---	
○ POLE	➤ MARKER	⊕ PEDESTAL	---	G-HP-QLB --- G-HP-QLB ---	} UNDERGROUND HIGH PRESSURE GAS LINE
⊕ EPB PULLBOX	⊕ PEDESTAL	➤ POLE	---	G-HP-QLC --- G-HP-QLC ---	
⊕ ESW SWITCH	⊕ POLE	⊕ TVPB PULLBOX	---	G-HP-QLD --- G-HP-QLD ---	
➤ TOWER	⊕ LPB PULLBOX	⊕ VAULT	---	IRR-QLB --- IRR-QLB ---	} UNDERGROUND IRRIGATION LINE
⊕ XFMR TRANSFORMER	<b>OIL</b>		---	IRR-QLC --- IRR-QLC ---	
⊕ VAULT	➤ MARKER	<b>WATER</b>	---	IRR-QLD --- IRR-QLD ---	
	⊕ METER	⊕ BLOWOFF	---	OH --- SLT --- OH ---	OVERHEAD LIGHTING LINE
<b>FIBER OPTIC</b>	⊕ VALVE	⊕ HYDRANT	---	SLT-QLB --- SLT-QLB ---	} UNDERGROUND LIGHTING LINE
⊕ MANHOLE	⊕ WELLHEAD	⊕ MANHOLE	---	SLT-QLC --- SLT-QLC ---	
➤ MARKER	<b>SANITARY</b>	➤ MARKER	---	SLT-QLD --- SLT-QLD ---	
⊕ PEDESTAL	⊕ CLEANOUT	⊕ METER	---	O-QLB --- O-QLB ---	} UNDERGROUND OIL LINE
○ POLE	⊕ MANHOLE	➤ VALVE	---	O-QLC --- O-QLC ---	
⊕ FOPB PULLBOX	➤ MARKER	⊕ VAULT	---	O-QLD --- O-QLD ---	
⊕ VAULT	➤ VALVE	⊕ VENT	---	SA-QLB --- SA-QLB ---	} UNDERGROUND SANITARY SEWER
<b>GAS</b>	⊕ VAULT	⊕ WELL	---	SA-QLC --- SA-QLC ---	
⊕ MANHOLE	⊕ VENT		---	SA-QLD --- SA-QLD ---	
➤ MARKER	<b>SIGNAL</b>		---	COM --- SA/ST-QLB	} UNDERGROUND SANITARY/STORM SEWER COMBINED
⊕ METER	⊕ CONTROLLER		---	COM --- SA/ST-QLC	
⊕ TANK	➤ MARKER		---	COM --- SA/ST-QLC	
⊕ VALVE	⊕ PEDESTAL		---	SIG-QLB --- SIG-QLB ---	} UNDERGROUND SIGNAL LINE
⊕ VAULT	○ POLE		---	SIG-QLC --- SIG-QLC ---	
⊕ VENT	⊕ SPB PULLBOX		---	SIG-QLD --- SIG-QLD ---	
<b>GAS-HP</b>	<b>STORM</b>		---	ST-QLB --- ST-QLB ---	} UNDERGROUND STORM SEWER
➤ HP MARKER	⊕ CLEANOUT		---	ST-QLC --- ST-QLC ---	
⊕ HP METER	➤ END SECTION		---	ST-QLC --- ST-QLC ---	
⊕ HP VALVE	⊕ INLET		---	TDUC-QLB --- TDUC-QLB ---	} UNDERGROUND TELECOM DUCTBANK
⊕ HP VENT	⊕ MANHOLE		---	TDUC-QLC --- TDUC-QLC ---	
	➤ MARKER		---	TDUC-QLD --- TDUC-QLD ---	
			---	T --- OH --- T --- OH ---	OVERHEAD TELEPHONE LINE
			---	T-QLB --- T-QLB ---	} UNDERGROUND TELEPHONE LINE
			---	T-QLC --- T-QLC ---	
			---	T-QLD --- T-QLD ---	

---	TV --- OH --- TV --- OH ---	OVERHEAD TELEVISION LINE
---	TV-QLB --- TV-QLB ---	} UNDERGROUND TELEVISION LINE
---	TV-QLC --- TV-QLC ---	
---	TV-QLD --- TV-QLD ---	
---	W-QLB --- W-QLB ---	} UNDERGROUND WATER LINE
---	W-QLC --- W-QLC ---	
---	W-QLD --- W-QLD ---	
---		REMEDICATION PIPE SYSTEM
---	<del>---</del>	REMOVE, RELOCATE, OR ABANDON EXISTING UTILITY LINE

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	Unit Information					Void:	Detailer: ECARDOSO	Subset Sheets: 1 of 1	Sheet Number <b>8</b>
	5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800						Sheet Subset: SUE LEGEND		



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UTILITY CONTACT LIST - EL PASO COUNTY PROPOSED PEDESTRIAN INTERSECTION SAFETY IMPROVEMENTS				
UTILITY OWNER	UTILITY TYPE	CONTACT	PHONE	EMAIL
Academy School District 20	Fiber Optic	Ray Caplinger	Office: 719-520-2211	ray.caplinger@d11.org
Black Hills Energy (BHE)	Gas - Distribution	Adam Magoon	Office: 719-400-8995	adam.magoon@blackhillscorp.com
		Bob Swatek	Office: 719-332-5856	bob.swatek@blackhillscorp.com
Cherokee Metropolitan District	Water/Sanitary	Brandon Zembles	Mobile: 719-517-9289	bzembles@cherokeemetro.org
City of Fountain	Electric	Tracy Tillman	Office: 719-322-2092	ttillman@fountaincolorado.org
	Fiber Optic	Carl Christian	Office: 719-322-2092	carl@fountaincolorado.org
Colorado Department of Transportation (CDOT)	CDOT Region 2	Todd Ausbun	Office: 719-696-1403	todd.ausbun@state.co.us
Colorado Springs Utilities (CSU)	Gas - Distribution	Timothy Williams	Office: 719-668-7276	tiwilliams@csu.org
		Justin Noel	Office: 719-668-4872 Mobile: 719-377-0419	jsnoel@csu.org
	Fiber Optic	Rory Piluso	Office: 719-668-6752	rgpiluso@csu.org
Comcast	Fiber Optic Television	Stephen Baca	Mobile: 970-445-7544	stephan_baca@comcast.com
		Andrew Chanthalyxay	Mobile: 719-731-0447	andrew_chanthalyxay@comcast.com
		Steve Maese	Office: 719-517-9383	steven_maese@comcast.com
		John Etter	Office: 720-256-3778	john_etter@comcast.com
		Jason Jacobsen	Mobile: 720-557-4395	jason_jacobsen@comcast.com
		Doug Marx	Office: 720-726-0872	doug_marx@comcast.com
El Paso County	Fiber Optic	Dan Szarkowski	Office: 719-250-6463	danszarkowski@elpasoco.com
		Todd Ciccarelli		toddciccarelli@elpasoco.com
Force Broadband	Fiber Optic	Daniel Hamilton	Office: 719-896-2120	dan@forcebb.com
LQPL - SOLI Technical	Monitoring Wells and Remediation System	Shannon Thompson (Consultant - SGRS)	Mobile: 307-760-1803	sthompson@cgrs.com
		Kyle Campbell	Mobile: 303-945-5860	kyle.campbell@state.co.us

UTILITY CONTACT LIST - EL PASO COUNTY PROPOSED PEDESTRIAN INTERSECTION SAFETY IMPROVEMENTS				
Lumen (Formerly CenturyLink /Level 3) Represented by Terra Technologies	Fiber Optic Telephone	Dominick Bradley	Office: 720-738-2723	dominick.bradley@lumen.com
		Alexx Madsen	Office: 720-738-2766	alexx.madsen@lumen.com
		Ken Davis	Mobile: 719-428-8107	ken.davis2@lumen.com
		Rob McLeod (Terra Technologies)	Mobile: 303-949-2187	rmcleod@congruex.com
Metro Fiber Net	Fiber Optic	Christian Leui	Mobile: 714-262-3494	christian.leui@metronet.com
		COS OSP Management		cos_ospmgt@metronetinc.com
Mountain View Electric Association (MVEA)	Electric - Distribution	Les Ulfers	Office: 719-494-2682	les.u@mvea.coop
	Fiber Optic	Kevin Dimmett	Office: 719-494-2552	kevin.d@mvea.coop
Security Water and Sanitation District (SWSD)	Water/Sanitary	Trent Alexander	Mobile: 719-650-9390	trent.alexander@conexon.us
		Brandon Bernard	Office: 719-392-3475	b.bernard@securitywsd.com
Stratus IQ (Formerly Falcon Broadband)	Fiber Optic	Chris Otrin	Office: 719-492-6872	cotrin@stratusiq.com
		Kelly Robinder	Office: 719-213-5911	krobinder@stratusiq.com
		Mark Kinman	Office: 719-678-1055	mkinman@stratusiq.com
		David Holm		dholm@stratusiq.com
Underline	Fiber Optic	Reid Drapp	Office: 813-382-0253	rdrapp@underline.com
		Justin Holder		jholder@underline.com
		Tom Bauman	Office: 813-217-2177	tbauman@underline.com
Zayo	Fiber Optic	Bradley Leatherman	Mobile: 703-928-0649	bradley.leatherman@zayo.com
		Steve Senger	Mobile: 612-210-8036	steven.senger@zayo.com
		Zayo Relocation Group		zayo.relo.colorado@zayo.com
		Chris Gates (Consultant - Cobb Fendley)	Mobile: 720-351-6420	chris.gates@cobb fendley.com
		Fatih Adam (Consultant - Cobb Fendley)	Mobile: 832-302-0759	fatih.adam@cobb fendley.com

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	Unit Information					Void:	Detailer: ECARDOSO	Subset Sheets: 1 of 1	Sheet Number 9
5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800					Sheet Subset: SUE CONTACTS				

**HDR SUBSURFACE UTILITY ENGINEERING (SUE) NOTES**



**SURVEYING NOTES:**

NOTE S1 - TIME FRAME:  
HDR ENGINEERING, INC. AND SURVWEST, LLC. PERFORMED INITIAL SUE LOCATING AND SURVEYING DURING SUMMER AND FALL, 2024.

NOTE S2 - CONTROL:  
HDR ENGINEERING, INC. UTILIZED LAND SURVEY CONTROL SET DURING PREVIOUS TOPOGRAPHIC SURVEY AND PROVIDED BY WOOLPERT, INC. WHILE COMPLETING THE SUE SURVEY. POSITIONAL CHECKING WAS CONDUCTED AT THE INTERSECTIONS AND CONTROL POINTS LISTED BELOW.

MAIN ST. AND LETA DR. - 3047, 3048

BLACK FOREST RD. AND SHOUP RD. - 1003

PALMER PARK BLVD. AND WINNEBAGO RD. - 1010, 1011

NOTE S3 - EQUIPMENT:  
THE UTILITY SURVEY UTILIZED TRIMBLE DA2 GPS RECEIVER, WITH 2CM CATALYST VRS SUBSCRIPTION.

NOTE S4 - ACCURACY:  
GPS NETWORK QC CHECKS WERE PERFORMED AT PREVIOUSLY ESTABLISHED CONTROL POINTS AND SURVEY GROUND SHOTS WERE COLLECTED AT AN ACCURACY LISTED BELOW.

MAIN ST. AND LETA DR. - 0.081, 0.34 FEET OR BETTER

BLACK FOREST RD. AND SHOUP RD. - 0.10 FEET OR BETTER

PALMER PARK BLVD. AND WINNEBAGO RD. - 0.08, 0.11 FEET OR BETTER

NOTE S5 - PLANIMETRICS:  
SYMBOLS AND LINES REPRESENTING TOPOGRAPHIC SURVEY AND OTHER PLANIMETRIC FEATURES WERE PROVIDED BY WOOLPERT INC. AND SHOWN AS BACKGROUND INFORMATION ON THE EXISTING UTILITY PLAN. ONLY UTILITY FEATURES WERE FIELD MEASURED DURING THE SUE INVESTIGATION.

NOTE S6:  
QLB SUE WAS NOT COMPLETED AT THE INTERSECTIONS LISTED BELOW IN THIS PACKAGE, AT THE DIRECTION OF EL PASO COUNTY, DUE TO THE RELATIVELY SMALL AREA OF EXCAVATION ASSOCIATED WITH THE PROJECT IMPROVEMENTS. IT WAS DECIDED THAT COMPLETING QLB SUE LOCATING WOULD NOT RESULT IN SIGNIFICANT ADDITIONAL USEFUL INFORMATION BEYOND THE QLD LINEWORK SHOWN ON THE PLANS. UTILITY LOCATIONS ARE DEPICTED AS QLC/QLD BASED ON TOPOGRAPHIC SURVEY AND OWNER PROVIDED MAPPING. THE CONTRACTOR IS REQUIRED BY LAW TO OBTAIN 811 UTILITY LOCATES DURING CONSTRUCTION AND SHALL BE REQUIRED BY THIS CONTRACT TO VACUUM EXCAVATE TO MITIGATE THE RISK OF UNINTENTIONAL UTILITY STRIKES. IF A UTILITY CONFLICT WITH THE PROJECT IMPROVEMENTS IS DISCOVERED DURING EITHER 811 UTILITY DESIGNATION OR VACUUM EXCAVATION, THE CONTRACTOR SHALL IMMEDIATELY HALT EXCAVATION AND ALERT THE ENGINEER WITH THE GOAL TO REACH AN EQUITABLE SOLUTION.

PALMER PARK BLVD. AND PETERSON RD.  
PIROS DR. AND PETERSON RD.  
SECURITY BLVD. AND WILLIS DR.

**ENGINEERING NOTES:**

NOTE E1 - OUT OF SERVICE UTILITIES:  
OUT OF SERVICE OR ABANDONED UTILITY LINES THAT MAY BE SHOWN ON THE SUE INVESTIGATION PLAN WERE LOCATED DUE TO THE PRESENCE OF ABOVE GROUND APPURTENANCES OR OWNER-PROVIDED MAPPING. THE SUE INVESTIGATION PLAN IS INTENDED TO SHOW ACTIVE UTILITY LINES AND DOES NOT SHOW ALL OUT OF SERVICE UTILITY LINES THAT MAY EXIST IN THE PROJECT AREA. OUT OF SERVICE STATUS WAS DETERMINED VIA OWNER PROVIDED MAPPING OR DIRECTION AND IS NOT AFFIRMED BY HDR ENGINEERING, INC. THE CONTRACTOR SHALL USE CAUTION AROUND OUT OF SERVICE UTILITY LINES AND SHALL TREAT THEM AS IF THEY ARE ACTIVE.

NOTE E2: - SEWER QUALITY LEVEL:  
ALL SANITARY AND STORM SEWERS SHOWN ON THE EXISTING UTILITY INVESTIGATION PLAN ARE DEPICTED AS QUALITY LEVEL C UNLESS OTHERWISE NOTED. THESE LINES WERE NOT LOCATED USING GEOPHYSICAL MEANS AS THIS LEVEL OF INVESTIGATION WOULD PROVIDE RELATIVELY LITTLE ADDITIONAL USEFUL INFORMATION. DURING PREVIOUS TOPOGRAPHIC SURVEY, SEWER LINES WERE IDENTIFIED VIA MEASURE-DOWNS COMPLETED BY WOOLPERT, INC.

NOTE E3 - CONTRACTOR RESPONSIBILITY:  
A PROGRAMMATIC EFFORT HAS BEEN MADE TO SYSTEMATICALLY LOCATE, SURVEY, AND DEPICT UTILITIES WITHIN THE PROJECT AREA TO THE EXTENT PRACTICAL. SUE INVESTIGATION PLANS ARE FOR DESIGN PURPOSES ONLY AND REFLECT SUBSURFACE UTILITY CONDITIONS AT THE TIME OF THE SUE INVESTIGATION. EXISTING UTILITY LOCATIONS DEPICTED ON THE PLANS DO NOT SUPERSEDE COLORADO STATE ONE CALL DEMARCATIONS OF BURIED UTILITIES OR RELIEVE THE CONTRACTOR FROM THE LEGAL REQUIREMENT TO CONTACT ONE CALL TWO WORKING DAYS PRIOR TO CONSTRUCTION. HDR ENGINEERING, INC SHOULD BE NOTIFIED OF ANY DISCREPANCIES BETWEEN THE EXISTING UTILITY PLAN AND ONE CALL DEMARCATIONS. THE CONTRACTOR SHALL USE CAUTION UNTIL SUCH DISCREPANCIES ARE RESOLVED.

NOTE E4 - SERVICE LATERALS:  
UTILITY SERVICE LATERALS WERE LOCATED WHEN DEPICTED ON UTILITY OWNER MAPPING AND WHEN EXISTENCE COULD BE VERIFIED IN THE FIELD. IT IS POSSIBLE THAT PREVIOUSLY UNKNOWN SERVICE LATERALS MAY EXIST WITHIN THE PROJECT AREA. THE CONTRACTOR SHALL VERIFY ALL SERVICE LATERALS WITH PROPERTY AND UTILITY OWNERS AS REQUIRED DURING CONSTRUCTION.

NOTE E5 - LETA DR. UNKNOWN GAS LINE:  
DURING THE SUE INVESTIGATION, AN UNDOCUMENTED UTILITY LINE, ASSUMED TO BE GAS, WAS LOCATED RUNNING ALONG THE CSU 4" PE GAS LINE IN LETA DR. AS SHOWN ON THE PLANS. CSU HAS INVESTIGATED THE LINE AND DETERMINED IT IS NOT OWNED BY CSU. THE UNDOCUMENTED GAS LINE IS ASSUMED TO BE OUT OF SERVICE.

NOTE E6 - MAIN ST. UNKNOWN SANITARY SERVICE LINE OWNER:  
DURING THE SUE INVESTIGATION, AN UNDOCUMENTED UTILITY LINE, ASSUMED TO BE SANITARY, WAS LOCATED IN MAIN ST. NORTH OF LETA DR. SECURITY HAS INVESTIGATED THE LINE AND DETERMINED IT IS NOT OWNED BY SECURITY.

NOTE E7 - ACADEMY DISTRICT FIBER OPTIC LOCATE QUALITY:  
THE ACADEMY DISTRICT FIBER OPTIC LINE RUNNING THROUGH SHOUP RD. LOST SIGNAL DURING UTILITY LOCATING AND IS DEPICTED AS QUALITY LEVEL D AS A RESULT. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING IN THE AREA OF THE FIBER OPTIC LINE.

NOTE E8 - UNKNOWN FIBER OPTIC LINE OWNER:  
DURING THE SUE INVESTIGATION, AN UNDOCUMENTED UTILITY LINE, ASSUMED TO BE FIBER OPTIC, WAS LOCATED RUNNING ALONG THE SOUTH SIDE OF SHOUP RD. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING IN THE AREA OF THE FIBER OPTIC LINE.

**GENERAL UTILITY NOTES:**

1. CAUTION: LOCATION OF EXISTING UTILITIES IS SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AS SUPPLIED BY THE UTILITY PROVIDERS INCLUDING TYPE, SIZE, LOCATION, AND NUMBER OF UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES AS NECESSARY TO ENSURE THE UTILITIES WILL NOT BE IMPACTED BY CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL OBTAIN THE PROJECT ENGINEER'S APPROVAL PRIOR TO PERFORMING ANY TEST HOLES.

2. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SUBSECTION 105.11 OF THE STANDARD SPECIFICATIONS AND THE UTILITY PROJECT SPECIAL PROVISIONS CONCERNING UTILITIES. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH UTILITY OWNERS IN THEIR REMOVAL, ADJUSTMENT, AND/OR RELOCATION OPERATIONS SO THAT THE UTILITY WORK CAN BE ACCOMPLISHED WITHOUT IMPACTING THE CONSTRUCTION SCHEDULE.

3. THE CONTRACTOR SHALL COMPLY WITH ARTICLE 1.5 OF TITLE 9, CRS ("EXCAVATION REQUIREMENTS") WHEN EXCAVATING OR GRADING IS PLANNED IN THE AREA OF UNDERGROUND UTILITY FACILITIES. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITIES AT LEAST TWO (2) BUSINESS DAYS, NOT INCLUDING THE ACTUAL DAY OF NOTICE, PRIOR TO COMMENCING SUCH OPERATIONS. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) AT 1-800-922-1987, TO HAVE LOCATIONS OF UNCC REGISTERED LINES MARKED BY MEMBER COMPANIES. ALL OTHER UNDERGROUND FACILITIES SHALL BE LOCATED BY CONTACTING THE RESPECTIVE OWNER.

4. THE CONTRACTOR IS RESPONSIBLE FOR NOTING ALL UTILITY LOCATIONS ON THE AS-BUILT SET OF DRAWINGS IF THE DOCUMENTS ARE NOT ACCURATE.

5. THE CONTRACTOR SHALL KEEP REQUIRED MINIMUM CLEARANCE FROM ALL OVERHEAD UTILITIES DURING CONSTRUCTION ACTIVITIES.

6. UTILITIES ARE DEPICTED ON THESE PLANS IN ACCORDANCE WITH THEIR ACHIEVED "QUALITY LEVELS" AS DEFINED IN THE AMERICAN SOCIETY OF CIVIL ENGINEERS' DOCUMENT ASCE 38, "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

7. TESTHOLES WERE PERFORMED DURING APRIL 2025. TESTHOLES WERE OBTAINED AT PROPOSED LOCATIONS, WHERE A SUBSURFACE UTILITY INVESTIGATION WAS NOT CONDUCTED, FOR DEEP FOUNDATION TRAFFIC EQUIPMENT SUCH AS TRAFFIC BEACONS, PEDESTALS, AND STREET LIGHTS IN ORDER TO CONFIRM NO UTILITIES ARE IN CONFLICT. SEE THE TESTHOLE SUMMARY FOR ADDITIONAL INFORMATION.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES AT PIPES, CULVERTS, CONCRETE BOX CULVERTS, SIGNAL POLES, WALLS, AND OTHER AREAS OF EXCAVATION AS NECESSARY TO ENSURE THE UTILITIES WILL NOT BE IMPACTED.

9. LOCATION AND NOTIFICATION OF BOTH UNCC MEMBER AND NON-MEMBER UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY.



10. THE CONTRACTOR SHALL REQUEST UTILITY LOCATES PRIOR TO COMMENCING ANY TYPE OF EXCAVATION, OR OTHER IMPROVEMENTS. BASED UPON IMPROVEMENTS, ADJUSTMENTS MAY BE DIRECTED BY THE PROJECT ENGINEER TO AVOID UTILITY CONFLICTS. HAND DIGGING OR OTHER MEANS OF EXCAVATION MAY BE REQUIRED.

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	Unit Information					Void:	Detailer: ECARDOSO		Sheet Number 10
	5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800					Sheet Subset: SUE NOTES	Subset Sheets: 1 of 1		

Testhole Summary								
Testhole #	Testhole Location						Testhole Notes	
	Location	Northing	Easting	Surface Elevation	Measure Down (Inches)	Utility Elevation		
						Top		Bottom
PDPRTH-01	Piros Dr and Peterson Rd	-	-	-	-	-	-	Testhole not obtained.
PDPRTH-02	Piros Dr and Peterson Rd	719626.68	1916168.58	-	24	-	-	Caisson clear to depth with no known utility conflicts. Testhole was 18 inches in diameter and 2 feet deep.
PDPRTH-03	Piros Dr and Peterson Rd	719578.39	1916180.98	-	24	-	-	Caisson clear to depth with no known utility conflicts. Testhole was 18 inches in diameter and 2 feet deep.
PDPRTH-04	Piros Dr and Peterson Rd	-	-	-	-	-	-	Testhole not obtained.
SBVSTH-01	Security Blvd and Willis Dr	675411.06	1907996.75	-	72	-	-	Caisson clear to depth with no known utility conflicts. Testhole was 18 inches in diameter and 6 feet deep.
SBVSTH-02	Security Blvd and Willis Dr	-	-	-	-	-	-	Testhole not obtained.
SBVSTH-03	Security Blvd and Willis Dr	675392.21	1907944.17	-	72	-	-	Caisson clear to depth with no known utility conflicts. Testhole was 18 inches in diameter and 6 feet deep.

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	Unit Information					Void:	Detailer: ECARDOSO	Sheet Subset: TESTHOLE	Subset Sheets: 1 of 1
 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800									




Know what's below.  
Call before you dig.

**UTILITY MATRIX**

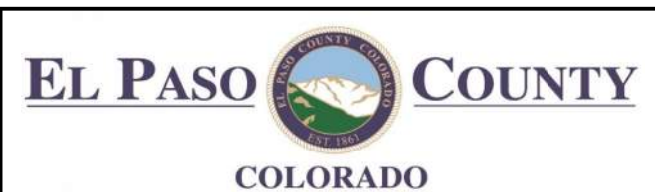
Utility Owner	Utility ID No.	Conflict Location					Utility Data						Conflict Description	Conflict Resolution				
		Utility Type	Utility Modification Plan Subset #	Alignment Name	Approx. STA	Offset Lt. / Rt.	Test Hole ID	Size and/or Material	Northing	Easting	Ex. Surface Elevation	Measure Down		Utility Elevation		Recommended Action or Resolution	Est. Resolution Date	Current Status
														Top	Bottom			
SWSD	A-W-01	Water		Main	12+38	44' RT.									Existing water service and meter crosses proposed roadway improvements.	Existing water service line and meter to be abandoned and relocated by SWSD prior to construction.		
SWSD	A-W-02	Water		Main	12+61	24' RT.									Existing water valve in conflict with proposed roadway improvements.	Existing water valve to be removed and relocated by SWSD prior to construction.		
SWSD	A-W-03	Water		Main	12+90	37' RT.									Existing fire hydrant and valve in conflict with proposed roadway improvements.	Existing fire hydrant and valve to be removed by SWSD prior to construction. Existing stand pipe and hydrant lateral to the watermain will be abandoned in place by SWSD.		
Lumen	B-T-01	Telephone		Black Forest	21+19	28' LT.									Existing telephone line and pedestal in conflict with proposed roadway improvements.	Existing telephone line to be abandoned and relocated by Lumen. Contractor may remove as necessary. Existing telephone pedestal to be removed and relocated by Lumen.		
Lumen	C-T-01	Telephone		Palmer Park	11+22	43.08' LT									Existing telephone line in conflict with proposed traffic signal caisson.	Existing telephone line to be abandoned and relocated by Lumen. Contractor may remove as necessary.		

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All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_UTL\_MATRIX-P2.dgn  
 Horiz. Scale:      Vert. Scale: As Noted  
 Unit Information  
 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed  
 No Revisions:  
 Revised:  
 Void:

PEDESTRIAN CROSSINGS PACKAGE 2  
 UTILITY PLAN  
 UTILITY MATRIX  
 Designer: JVESTAD  
 Detailer: ECARDOSO  
 Sheet Subset: UTILITY MATRIX  
 Structure Numbers  
 Subset Sheets: 1 of 1

Project No./Code  
 RFP-24-007  
 26666  
 Sheet Number **12**

Sheet Revisions			Sheet Revisions			Sheet Revisions		
Date	Description	Initials	Date	Description	Initials	Date	Description	Initials

Project Control Diagram			
Title Sheet			
Project Number: MTF C040-083 El Paso County Intersections			
Project Location: El Paso County			
Package 2			
Project Code	Last Mod. Date	Subset	Sheet No.
26666	5/21/25	3.01 to 3.27	3.01

720 S. COLORADO BLVD. #1200-S  
GLENDALE, CO 80246  
(303) 524-3030 PHONE

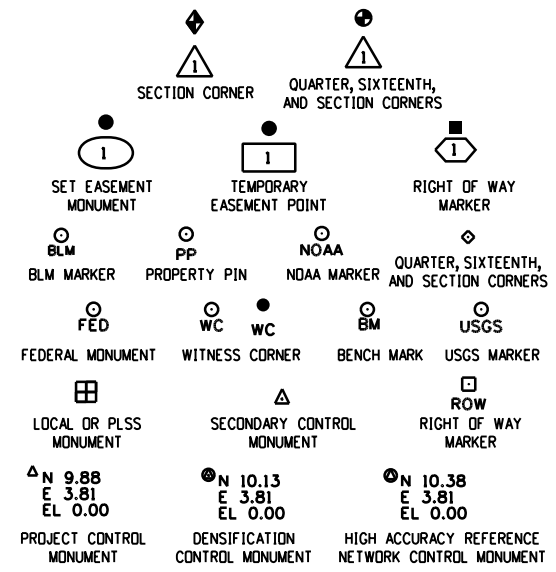
# DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

**PROJECT CONTROL DIAGRAM**  
FEDERAL AID PROJECT NO. MTF C040-083  
Townships 11-15 South, Ranges 65-67 West  
of the 6th Principal Meridian  
County of El Paso

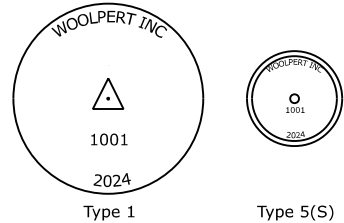
○ = Project Sites

**SURVEYOR STATEMENT (PROJECT CONTROL DIAGRAM)**

I, Brandon Lee, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation this Project Control Diagram was prepared and the field survey it represents was performed under my responsible charge and, based upon my knowledge, information and belief is in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty or warranty, either expressed or implied. PLS No. 37894



Note: For a complete listing of symbolology used within this set of plans, please refer to the M-100-1 Standard Symbols of the Colorado Department of Transportation M&S Standards Publication. Existing features are shown as screened weight (gray scale). Proposed or new features are shown as full weight without screening.

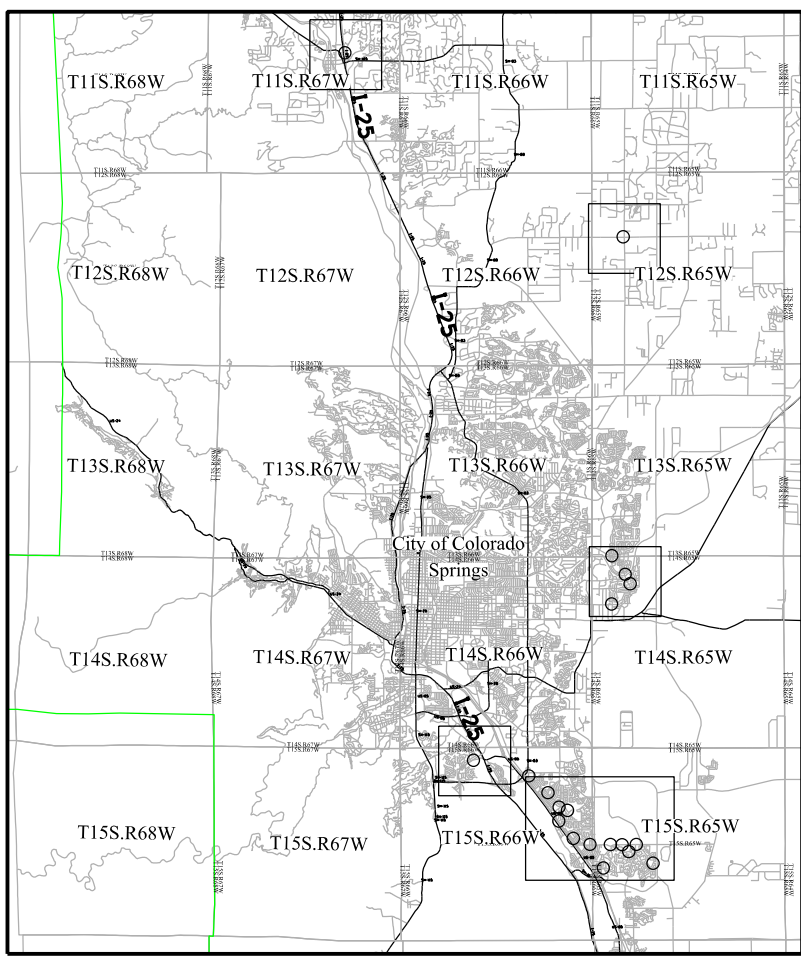


Typical Control Monument Cap  
Not to Scale

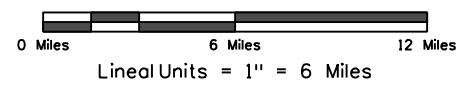
CM-MP - Control Point Monuments set by Woolpert. They are CDOT Type 1 monuments, a 3/4" dia. aluminum control monument cap (as shown) on a 3' x 3/4" dia. aluminum security rod or CDOT Type 5(S), Copper Alloy Cap Monument - Small (where pavement location is required).

**General Notes:**

1. This Project Control Diagram is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation purposes only.
2. This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDOT that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.
3. Refer to the M-629-1 Survey Monuments of the Standard Plans found in The Colorado Department of Transportation, M & S Standards for typical survey monument descriptions.



**PROJECT LOCATION MAP**



**Basis of Bearings:** Bearings used in the calculations of coordinates are based on a grid bearing of S41°23'20"E from CP 3028 to CP 3029. Both monuments are CDOT Type I, marked appropriately for their location and control position. The survey data was obtained from a Global Positioning System (GPS) survey.

**Basis of Elevations:** Project elevations are based on one point per intersection. Each Basis of Elevation point will be shown with an \* on their respective sheet.

A total of 3 primary control monuments were set at each location in accordance with CDOT Manual - Chapter 3 & 5. One monument at each intersection site was chosen as the primary mark. These marks were observed multiple times, to ensure different constellations, at a minimum of 30 minutes + 1 minute per km to the nearest CORS. The vertical and horizontal positions on these marks were determined utilizing the NGS Online Positioning User Service (OPUS) tool. Differential levels were initiated from the primary mark at each site. All level loops closed within acceptable tolerances in accordance with CDOT specifications. A least squared adjustment was conducted utilizing these primary marks to ensure continuity within the network.

Project Coordinates Northing US Survey Feet = (State Plane Coordinate Northing \* 1.00034506 - 200,000) \* (3937/1200).  
Project Coordinates Easting US Survey Feet = (State Plane Coordinate Easting \* 1.00034506 - 400,000) \* (3937/1200).

**NOTICE:** According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

SHEET NO.	INDEX OF SHEETS
3.01	(1) Title Sheet
3.02-3.03	(2) Coordinate Tables
3.04-3.26	(23) Plan Sheet w/ Coordinate Table
	(26) Total Sheets

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 (303) 524-3030 PHONE

Sheet Revisions			Sheet Revisions			Sheet Revisions		
Date	Description	Initials	Date	Description	Initials	Date	Description	Initials

Project Control Diagram			
Monument Coordinate Tables			
Project Number: MTF CO40-083 El Paso County Intersections			
Project Location: El Paso County			
Package 2			
Project Code:	Last Mod. Date	Subset	Sheet No.
26666	5/21/25	3.01 to 3.27	3.02



Point No.	Geodetic Coordinates NAD-83 (2011)		Ellipsoid Height (M)	Ortho Height (NAVD88) (M)	Mapping Angle	NAD-83 (2011) CO-Central Zone 0502		Description
	Latitude (N)	Longitude (W)				SP Northing (M)	SP Easting (M)	
1001	39°00'50.88388"	-104°42'02.21305"	2230.296	2247.549	0°30'15"	436182.429	983630.668	CDOT TYPE 1 WOOLPERT INC 2024 # 1001
1002	39°00'47.69271"	-104°42'01.56015"	2231.279	2248.534	0°30'15"	436084.169	983647.240	CDOT TYPE 1 WOOLPERT INC 2024 # 1002
1003	39°00'43.37647"	-104°42'02.21638"	2232.815	2250.072	0°30'15"	435950.941	983632.626	CDOT TYPE 1 WOOLPERT INC 2024 # 1003
1004	38°52'06.41431"	-104°42'34.16512"	1953.363	1970.956	0°29'55"	420004.048	983002.764	CDOT TYPE 5S WOOLPERT 2024 # 1004
1005	38°52'04.14163"	-104°42'28.91718"	1961.223	1978.824	0°29'58"	419935.074	983129.877	CDOT TYPE 5S WOOLPERT 2024 # 1005
1006	38°52'05.20164"	-104°42'24.26823"	1965.640	1983.248	0°30'01"	419968.736	983241.656	CDOT TYPE 5S WOOLPERT 2024 # 1006
1007	38°51'28.06470"	-104°42'05.73818"	1948.039	1965.696	0°30'13"	418827.569	983698.391	CDOT TYPE 5S WOOLPERT 2024 # 1007
1008	38°51'28.07107"	-104°42'00.88337"	1948.427	1966.091	0°30'16"	418828.795	983815.432	CDOT TYPE 5S WOOLPERT 2024 # 1008
1009	38°51'29.94671"	-104°41'57.43680"	1945.863	1963.530	0°30'18"	418887.360	983898.015	CDOT TYPE 5S WOOLPERT 2024 # 1009
1010	38°51'31.25157"	-104°41'52.55975"	1941.445	1959.118	0°30'21"	418928.632	984015.238	CDOT TYPE 5S WOOLPERT 2024 # 1010
1011	38°51'33.91046"	-104°41'49.76923"	1939.646	1957.321	0°30'23"	419011.210	984081.789	CDOT TYPE 5S WOOLPERT 2024 # 1011
1012	38°50'46.07321"	-104°42'35.67694"	1903.350	1920.988	0°29'54"	417526.493	982987.866	CDOT TYPE 5S WOOLPERT 2024 # 1012
1013	38°50'46.67676"	-104°42'29.22185"	1912.327	1929.979	0°29'58"	417546.458	983143.354	CDOT TYPE 5S WOOLPERT 2024 # 1013
1014	38°50'46.07311"	-104°42'23.46397"	1914.351	1932.012	0°30'02"	417529.056	983282.354	CDOT TYPE 5S WOOLPERT 2024 # 1014
1015	38°46'28.69775"	-104°47'30.01505"	1762.794	1780.069	0°26'48"	409532.016	975952.431	CDOT TYPE 5S WOOLPERT 2024 # 1015
1016	38°46'32.31087"	-104°47'25.34277"	1763.955	1781.239	0°26'51"	409644.303	976064.336	CDOT TYPE 5S WOOLPERT 2024 # 1016
1017	38°46'33.25980"	-104°47'18.64554"	1762.661	1779.959	0°26'55"	409674.827	976225.756	CDOT TYPE 5S WOOLPERT 2024 # 1017
1018	38°46'35.53509"	-104°47'12.38931"	1757.486	1774.797	0°26'59"	409746.168	976376.210	CDOT TYPE 5S WOOLPERT 2024 # 1018
1019	38°46'36.79788"	-104°47'06.45535"	1751.533	1768.856	0°27'03"	409786.230	976519.129	CDOT TYPE 5S WOOLPERT 2024 # 1019
1020	38°45'09.12791"	-104°44'30.35901"	1728.490	1746.168	0°28'42"	407113.573	980309.283	CDOT TYPE 5S WOOLPERT 2024 # 1020
1021	38°45'11.95210"	-104°44'26.94209"	1728.980	1746.660	0°28'44"	407201.343	980391.055	CDOT TYPE 5S WOOLPERT 2024 # 1021
1022	38°45'13.78409"	-104°44'22.20820"	1731.553	1749.240	0°28'47"	407258.786	980504.878	CDOT TYPE 5S WOOLPERT 2024 # 1022
1023	38°45'16.56248"	-104°44'18.98243"	1732.611	1750.302	0°28'49"	407345.107	980582.044	CDOT TYPE 5S WOOLPERT 2024 # 1023
1024	38°45'20.28745"	-104°44'19.82991"	1733.059	1750.746	0°28'48"	407459.790	980560.620	CDOT TYPE 5S WOOLPERT 2024 # 1024
1025	38°45'23.88449"	-104°44'19.01954"	1735.307	1752.993	0°28'49"	407570.865	980579.255	CDOT TYPE 5S WOOLPERT 2024 # 1025
1026	38°44'14.00536"	-104°43'23.51237"	1719.991	1737.817	0°29'24"	405427.573	981937.796	CDOT TYPE 5S WOOLPERT 2024 # 1026
1027	38°44'14.45510"	-104°43'19.63844"	1720.304	1738.136	0°29'26"	405442.241	982031.232	CDOT TYPE 5S WOOLPERT 2024 # 1027
1028	38°44'13.96012"	-104°43'15.80894"	1721.804	1739.643	0°29'29"	405427.771	982123.843	CDOT TYPE 5S WOOLPERT 2024 # 1028
3001	39°05'55.74037"	-104°51'41.90360"	2141.943	2158.294	0°24'09"	444181.061	966808.948	CDOT TYPE 1 WOOLPERT INC 2024 # 3001
3002	39°05'52.65819"	-104°51'44.95434"	2138.394	2154.739	0°24'07"	444085.783	966736.524	CDOT TYPE 1 WOOLPERT INC 2024 # 3002
3003	39°05'48.00235"	-104°51'45.00176"	2134.111	2150.456	0°24'07"	443942.626	966736.393	CDOT TYPE 1 WOOLPERT INC 2024 # 3003
3004	38°51'42.74010"	-104°42'07.31117"	1956.214	1973.859	0°30'12"	419279.737	983656.493	CDOT TYPE 5S WOOLPERT 2024 # 3004
3005	38°51'39.23222"	-104°42'04.97607"	1952.815	1970.465	0°30'13"	419172.070	983713.737	CDOT TYPE 5S WOOLPERT 2024 # 3005
3006	38°51'36.03686"	-104°42'04.87624"	1950.022	1967.675	0°30'13"	419073.565	983717.010	CDOT TYPE 5S WOOLPERT 2024 # 3006
3007	38°51'21.14782"	-104°41'57.06049"	1939.833	1957.507	0°30'18"	418616.135	983909.479	CDOT TYPE 5S WOOLPERT 2024 # 3007

Project Coordinate Tables shown on individual plansheets (3.04-3.27)

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Sheet Revisions			Sheet Revisions			Sheet Revisions		
Date	Description	Initials	Date	Description	Initials	Date	Description	Initials

Project Control Diagram			
Monument Coordinate Tables			
Project Number: MTF CO40-083 El Paso County Intersections			
Project Location: El Paso County			
Package 2			
Project Code:	Last Mod. Date	Subset	Sheet No.
26666	5/21/25	3.01 to 3.27	3.03



Point No.	Geodetic Coordinates NAD-83 (2011)		Ellipsoid Height (M)	Ortho Height (NAVD88) (M)	Mapping Angle	NAD-83 (2011) CO-Central Zone 0502		Description
	Latitude (N)	Longitude (W)				SP Northing (M)	SP Easting (M)	
3008	38°51'18.63341"	-104°41'53.20600"	1935.124	1952.805	0°30'21"	418539.421	984003.102	CDOT TYPE 5S WOOLPERT 2024 # 3008
3009	38°51'15.28556"	-104°41'53.11702"	1930.842	1948.525	0°30'21"	418436.217	984006.149	CDOT TYPE 5S WOOLPERT 2024 # 3009
3012	38°46'11.87495"	-104°45'25.29457"	1745.572	1763.110	0°28'07"	409037.350	978967.065	CDOT TYPE 5S WOOLPERT 2024 # 3012
3013	38°46'06.67295"	-104°45'24.97432"	1742.231	1759.773	0°28'07"	408877.015	978976.107	CDOT TYPE 5S WOOLPERT 2024 # 3013
3014	38°46'02.64292"	-104°45'25.46734"	1741.548	1759.091	0°28'07"	408752.656	978965.222	CDOT TYPE 5S WOOLPERT 2024 # 3014
3020	38°45'41.93179"	-104°44'49.56868"	1738.509	1756.130	0°28'29"	408121.186	979837.091	CDOT TYPE 5S WOOLPERT 2024 # 3020
3021	38°45'39.17808"	-104°44'46.78258"	1736.913	1754.541	0°28'31"	408036.836	979905.056	CDOT TYPE 5S WOOLPERT 2024 # 3021
3022	38°45'36.26521"	-104°44'42.50414"	1735.983	1753.620	0°28'34"	407947.879	980009.091	CDOT TYPE 5S WOOLPERT 2024 # 3022
3023	38°45'13.04204"	-104°44'08.00876"	1743.098	1760.810	0°28'56"	407238.783	980847.903	CDOT TYPE 5S WOOLPERT 2024 # 3023
3024	38°45'10.22682"	-104°44'04.84836"	1742.148	1759.867	0°28'58"	407152.622	980924.940	CDOT TYPE 5S WOOLPERT 2024 # 3024
3025	38°45'07.97178"	-104°44'02.89189"	1740.037	1757.761	0°28'59"	407083.488	980972.764	CDOT TYPE 5S WOOLPERT 2024 # 3025
3026	38°44'54.88487"	-104°44'26.62951"	1724.990	1742.682	0°28'44"	406675.158	980403.000	CDOT TYPE 5S WOOLPERT 2024 # 3026
3027	38°44'52.11132"	-104°44'23.31418"	1724.589	1742.289	0°28'46"	406590.308	980483.768	CDOT TYPE 5S WOOLPERT 2024 # 3027
3028	38°44'49.09416"	-104°44'21.25435"	1724.076	1741.781	0°28'47"	406497.694	980534.283	CDOT TYPE 5S WOOLPERT 2024 # 3028
3029	38°44'26.84447"	-104°43'56.63849"	1719.313	1737.076	0°29'03"	405816.651	981134.465	CDOT TYPE 5S WOOLPERT 2024 # 3029
3030	38°44'24.44584"	-104°43'53.71791"	1718.280	1736.049	0°29'05"	405743.289	981205.618	CDOT TYPE 5S WOOLPERT 2024 # 3030
3031	38°44'21.10452"	-104°43'51.31477"	1717.724	1735.500	0°29'06"	405640.754	981264.523	CDOT TYPE 5S WOOLPERT 2024 # 3031
3032	38°44'14.79628"	-104°42'21.80923"	1738.946	1756.867	0°30'03"	405464.843	983427.694	CDOT TYPE 1 WOOLPERT INC 2024 # 3032
3033	38°44'14.10901"	-104°42'17.53343"	1742.792	1760.720	0°30'05"	405444.554	983531.138	CDOT TYPE 1 WOOLPERT INC 2024 # 3033
3034	38°44'14.91598"	-104°42'13.71398"	1744.537	1762.470	0°30'08"	405470.244	983623.158	CDOT TYPE 1 WOOLPERT INC 2024 # 3034
3035	38°44'14.82479"	-104°41'47.53392"	1754.190	1772.162	0°30'24"	405472.999	984255.420	CDOT TYPE 1 WOOLPERT INC 2024 # 3035
3036	38°44'14.16999"	-104°41'43.89825"	1756.441	1774.419	0°30'27"	405453.586	984343.399	CDOT TYPE 1 WOOLPERT INC 2024 # 3036
3037	38°44'14.99633"	-104°41'38.66381"	1758.193	1776.178	0°30'30"	405480.186	984469.582	CDOT TYPE 1 WOOLPERT INC 2024 # 3037
3038	38°44'01.99817"	-104°42'02.91578"	1756.967	1774.925	0°30'15"	405074.230	983887.434	CDOT TYPE 5S WOOLPERT 2024 # 3038
3039	38°44'03.34878"	-104°41'58.76175"	1760.125	1778.089	0°30'17"	405116.758	983987.390	CDOT TYPE 5S WOOLPERT 2024 # 3039
3040	38°44'02.69466"	-104°41'54.59651"	1761.702	1779.672	0°30'20"	405097.476	984088.161	CDOT TYPE 5S WOOLPERT 2024 # 3040
3041	38°43'46.55996"	-104°41'05.09543"	1766.273	1784.326	0°30'51"	404610.622	985288.111	CDOT TYPE 5S WOOLPERT 2024 # 3041
3042	38°43'43.46388"	-104°41'07.19475"	1766.520	1784.572	0°30'50"	404514.704	985238.264	CDOT TYPE 5S WOOLPERT 2024 # 3042
3043	38°43'39.99360"	-104°41'08.32100"	1765.182	1783.235	0°30'49"	404407.459	985212.021	CDOT TYPE 5S WOOLPERT 2024 # 3043
3044	38°43'35.15030"	-104°42'57.44293"	1707.891	1725.787	0°29'40"	404234.935	982577.705	CDOT TYPE 5S WOOLPERT 2024 # 3044
3045	38°43'34.81632"	-104°42'51.80391"	1708.208	1726.113	0°29'44"	404225.814	982713.995	CDOT TYPE 5S WOOLPERT 2024 # 3045
3046	38°43'35.25362"	-104°42'45.90810"	1711.071	1728.985	0°29'47"	404240.531	982856.282	CDOT TYPE 5S WOOLPERT 2024 # 3046
3047	38°46'02.03117"	-104°44'20.96992"	1765.280	1782.937	0°28'47"	408746.680	980522.316	CDOT TYPE 5S WOOLPERT 2024 # 3047
3048	38°45'59.28026"	-104°44'21.82630"	1764.373	1782.031	0°28'47"	408661.693	980502.356	CDOT TYPE 5S WOOLPERT 2024 # 3048
3049	38°45'55.05962"	-104°44'21.80188"	1761.678	1779.339	0°28'47"	408531.567	980504.038	CDOT TYPE 5S WOOLPERT 2024 # 3049
3050	39°06'02.88424"	-104°51'39.36906"	2147.909	2164.264	0°24'11"	445693.106	969679.024	CDOT TYPE 5S WOOLPERT 2024 # 3050
3051	39°06'06.50467"	-104°51'36.81285"	2150.988	2167.347	0°24'13"	445805.176	969739.655	CDOT TYPE 5S WOOLPERT 2024 # 3051

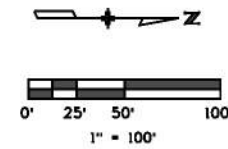
Project Coordinate Tables shown on individual plansheets (3.04-3.27)

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Sheet Revisions		
Date	Description	Initials

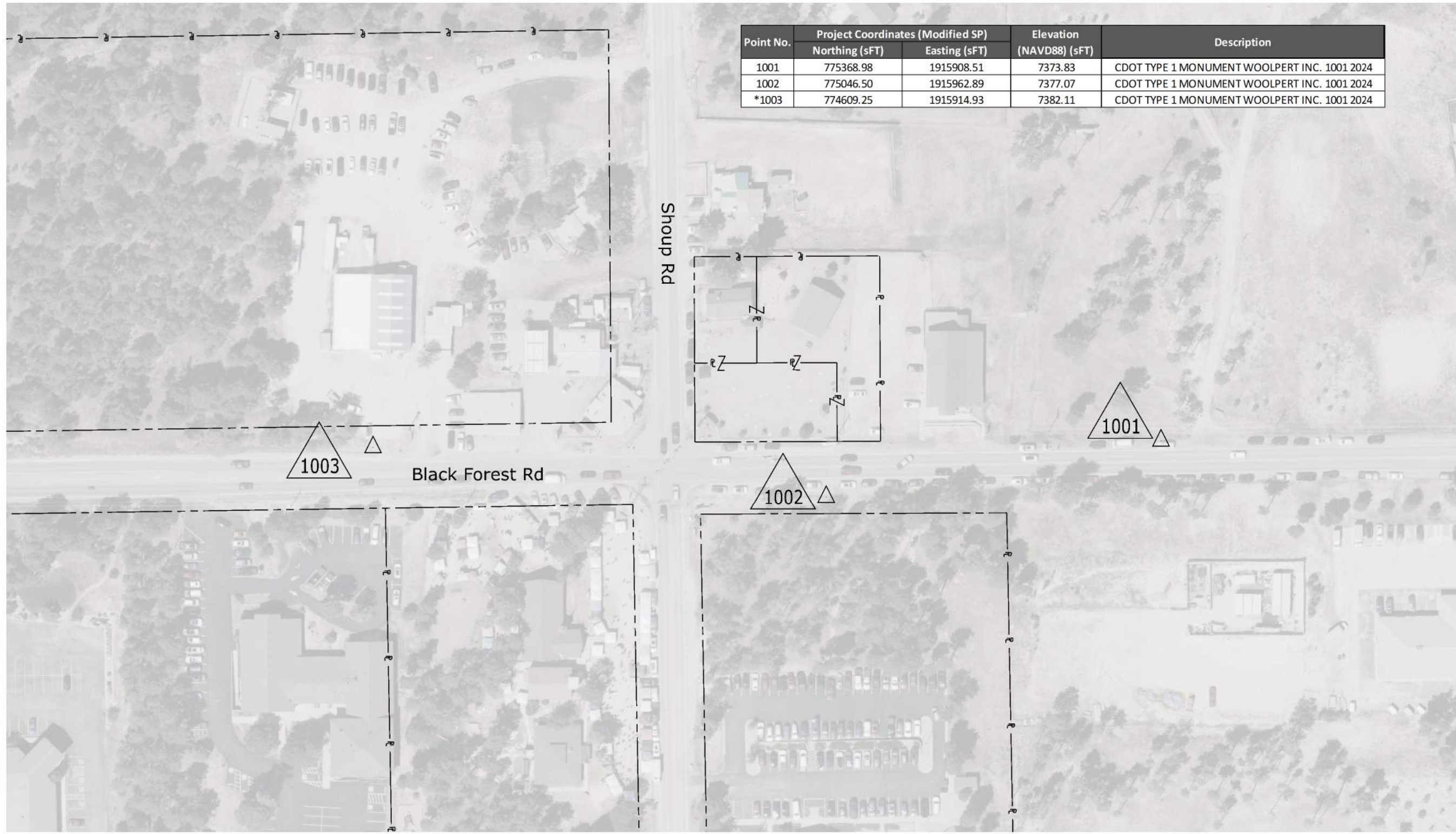
Sheet Revisions		
Date	Description	Initials

Sheet Revisions		
Date	Description	Initials



Project Control Diagram			
Project Number: MTF C040-083 El Paso County Intersections			
Project Location: Black Forest & Shoup			
Package 2			
Project Code	Last Mod. Date	Subset	Sheet No.
26666	5/21/25	3.01 to 3.27	3.05

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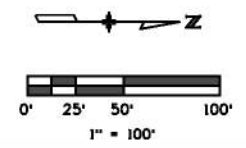


Point No.	Project Coordinates (Modified SP)		Elevation (NAVD88) (sFT)	Description
	Northing (sFT)	Easting (sFT)		
1001	775368.98	1915908.51	7373.83	CDOT TYPE 1 MONUMENT WOOLPERT INC. 1001 2024
1002	775046.50	1915962.89	7377.07	CDOT TYPE 1 MONUMENT WOOLPERT INC. 1001 2024
*1003	774609.25	1915914.93	7382.11	CDOT TYPE 1 MONUMENT WOOLPERT INC. 1001 2024

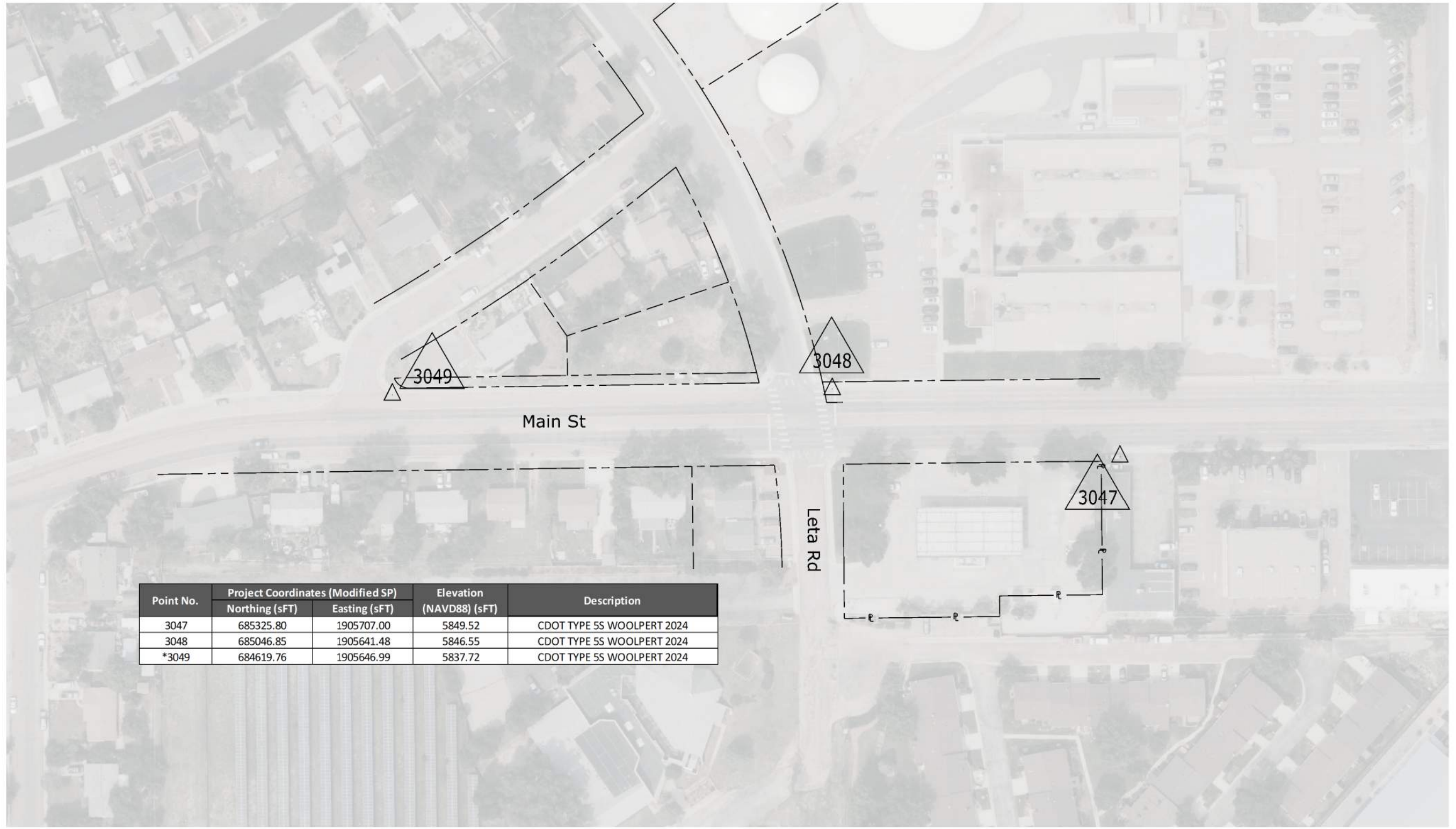
Sheet Revisions		
Date	Description	Initials

Sheet Revisions		
Date	Description	Initials

Sheet Revisions		
Date	Description	Initials



Project Control Diagram			
Project Number: MTF C040-083 El Paso County Intersections			
Project Location: Main & Leta Dr			
Package 2			
Project Code	Last Mod. Date	Subset	Sheet No.
26666	5/21/25	3.01 to 3.27	3.15



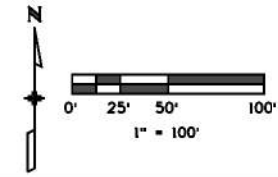
Point No.	Project Coordinates (Modified SP)		Elevation (NAVD88) (sFT)	Description
	Northing (sFT)	Easting (sFT)		
3047	685325.80	1905707.00	5849.52	CDOT TYPE 5S WOOLPERT 2024
3048	685046.85	1905641.48	5846.55	CDOT TYPE 5S WOOLPERT 2024
*3049	684619.76	1905646.99	5837.72	CDOT TYPE 5S WOOLPERT 2024

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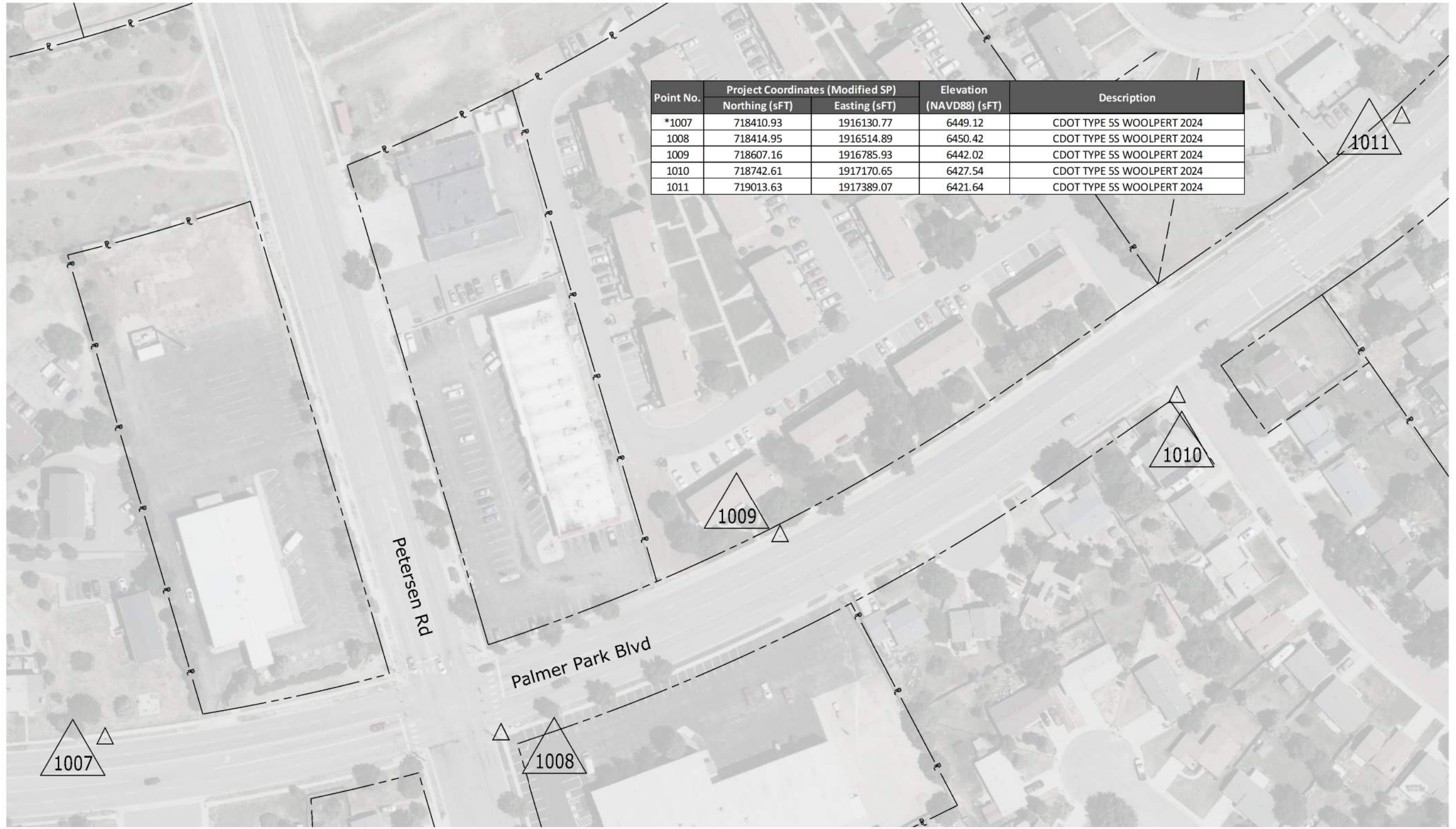
Sheet Revisions		
Date	Description	Initials

Sheet Revisions		
Date	Description	Initials

Sheet Revisions		
Date	Description	Initials



Project Control Diagram			
Project Number: MTF C040-083 El Paso County Intersections			
Project Location: Palmer Park & Peterson			
Package 2			
Project Code	Last Mod. Date	Subset	Sheet No.
26666	5/21/25	3.01 to 3.27	3.08



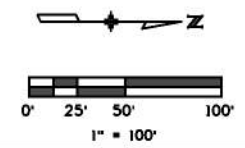
Point No.	Project Coordinates (Modified SP)		Elevation (NAVD88) (sFT)	Description
	Northing (sFT)	Easting (sFT)		
*1007	718410.93	1916130.77	6449.12	CDOT TYPE 5S WOOLPERT 2024
1008	718414.95	1916514.89	6450.42	CDOT TYPE 5S WOOLPERT 2024
1009	718607.16	1916785.93	6442.02	CDOT TYPE 5S WOOLPERT 2024
1010	718742.61	1917170.65	6427.54	CDOT TYPE 5S WOOLPERT 2024
1011	719013.63	1917389.07	6421.64	CDOT TYPE 5S WOOLPERT 2024

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Sheet Revisions		
Date	Description	Initials

Sheet Revisions		
Date	Description	Initials

Sheet Revisions		
Date	Description	Initials



Project Control Diagram			
Project Number: MTF C040-083 El Paso County Intersections			
Project Location: Peterson - Piros			
Package 2			
Project Code	Last Mod. Date	Subset	Sheet No.
26666	5/21/25	3.01 to 3.27	3.07

**WOOLPERT**

Point No.	Project Coordinates (Modified SP)		Elevation (NAVD88) (sFT)	Description
	Northing (sFT)	Easting (sFT)		
3004	719894.93	1915993.26	6475.90	CDOT TYPE 5S WOOLPERT 2024 # 3004
3005	719541.57	1916181.13	6464.77	CDOT TYPE 5S WOOLPERT 2024 # 3005
*3006	719218.28	1916191.88	6455.61	CDOT TYPE 5S WOOLPERT 2024 # 3006

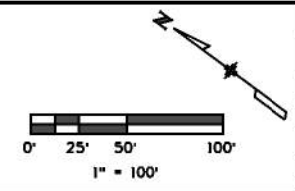


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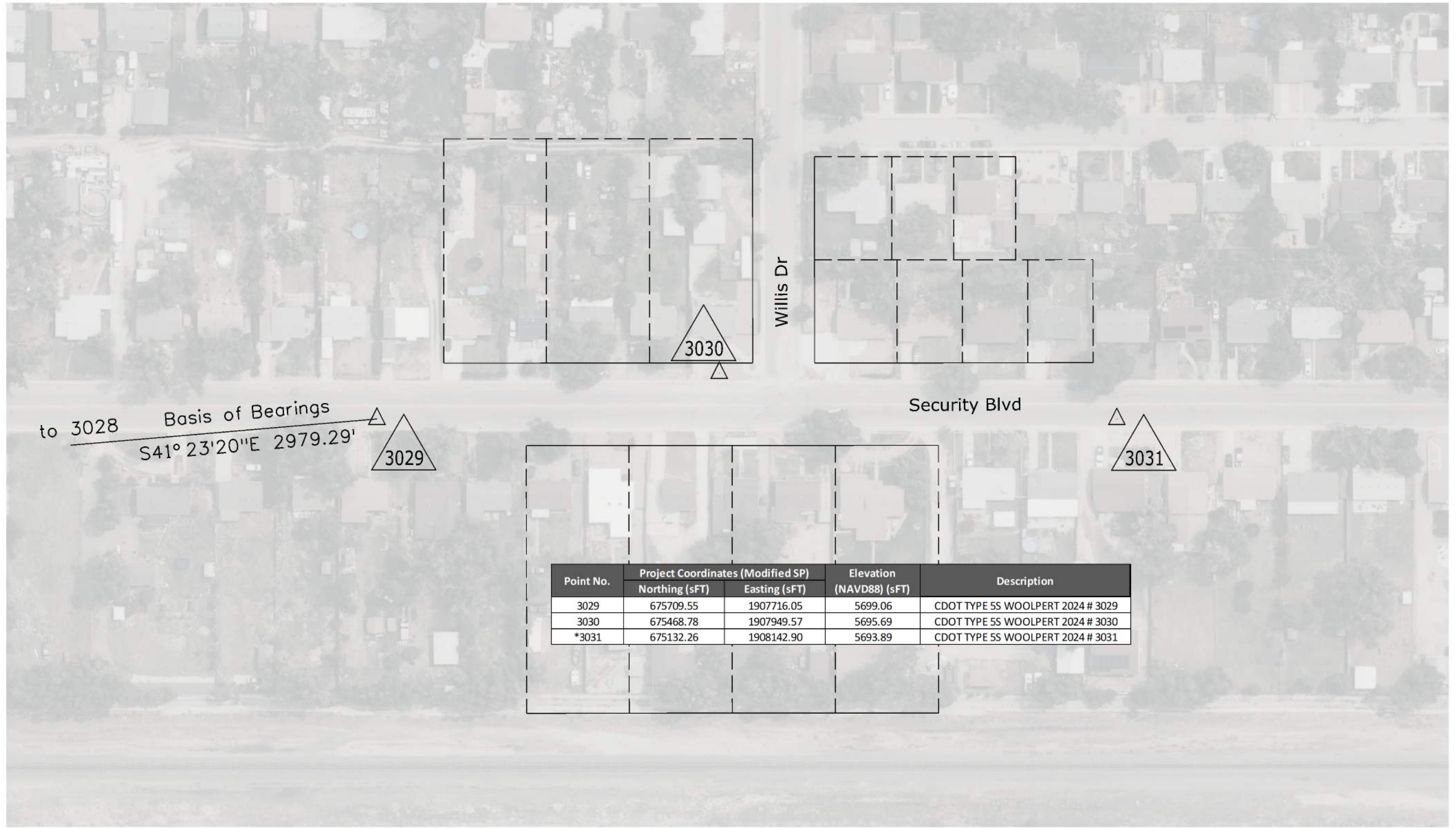
Sheet Revisions		
Date	Description	Initials

Sheet Revisions		
Date	Description	Initials

Sheet Revisions		
Date	Description	Initials



Project Control Diagram			
Project Number: MTF C040-083 El Paso County Intersections			
Project Location: Security Blvd and Willis Dr			
Package 2			
Project Code	Last Mod. Date	Subset	Sheet No.
26666	5/21/25	3.01 to 3.27	3.20




Point No.	Project Coordinates (Modified SP)		Elevation (NAVD88) (sFT)	Description
	Northing (sFT)	Easting (sFT)		
3029	675709.55	1907716.05	5699.06	CDOT TYPE 5S WOOLPERT 2024 # 3029
3030	675468.78	1907949.57	5695.69	CDOT TYPE 5S WOOLPERT 2024 # 3030
*3031	675132.26	1908142.90	5693.89	CDOT TYPE 5S WOOLPERT 2024 # 3031

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INDEX			SPEC REF	ITEM NO.	ITEM DESCRIPTION	UNITS	ROADWAY		DRAINAGE/SWMP		STRUCTURES		TRAFFIC		UTILITIES		PROJECT TOTALS			
BOOK	PAGE	SHEET					PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.		
			201	201-00000	Clearing and Grubbing	L S	1											1		
			202	202-00155	Removal of Wall	LF	13												13	
			202	202-00200	Removal of Sidewalk	SY	180												180	
			202	202-00201	Removal of Curb	LF	18												18	
			202	202-00203	Removal of Curb and Gutter	LF	667												667	
			202	202-00206	Removal of Concrete Curb Ramp	SY	129												129	
			202	202-00210	Removal of Concrete Pavement	SY	82												82	
			202	202-00220	Removal of Asphalt Mat	SY	2,702												2,702	
			202	202-00250	Removal of Pavement Marking	SF							4,488						4,488	
			202	202-00810	Removal of Ground Sign	EACH							3						3	
			202	202-00828	Removal of Traffic Signal Equipment	L S							1						1	
			203	203-00010	Unclassified Excavation (Complete In Place)	CY	504												504	
			203	203-01597	Potholing	HOUR	48												48	
			208	208-00035	Aggregate Bag	LF			264										264	
			208	208-00045	Concrete Washout Structure	EACH			2										2	
			208	208-00051	Storm Drain Inlet Protection (Type I)	LF			1										1	
			208	208-00070	Vehicle Tracking Pad	EACH			2										2	
			208	208-00106	Sweeping (Sediment Removal)	HOUR			44										44	
			208	208-00207	Erosion Control Management	DAY			40										40	
			210	210-00831	Reset Traffic Signal Head	EACH							16						16	
			210	210-04010	Adjust Manhole	EACH									2				2	
			304	304-06007	Aggregate Base Course (Class 6)	CY	671												671	
			403	403-33741	Hot Mix Asphalt (Grading S) (75) (PG 64-22)	TON	384												384	
			403	403-34741	Hot Mix Asphalt (Grading SX) (75) (PG 64-22)	TON	210												210	
			411	411-10255	Emulsified Asphalt (Slow-Setting)	GAL	253												253	
			411	411-10300	Emulsified Asphalt (Prime Coat)	GAL	191												191	
			412	412-00800	Concrete Pavement (8 Inch)	SY	69												69	
			503	503-00018	Drilled Shaft (18 Inch)	LF							34						34	
			503	503-00036	Drilled Shaft (36 Inch)	LF							28						28	
			608	608-00006	Concrete Sidewalk (6 Inch)	SY	238												238	
			608	608-00010	Concrete Curb Ramp	SY	282												282	
			608	608-00015	Detectable Warnings	SF	287												287	
			609	609-20010	Curb Type 2 (Section B)	LF	11												11	
			609	609-21040	Curb and Gutter Type A	LF	742												742	
			609	609-21070	3-Inch Mountable Curb	LF	843												843	
			609	609-24006	Gutter Type 2 (6 Foot)	LF	33												33	

All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_SAQ-P2.dgn  
 Horiz. Scale:      Vert. Scale: As Noted  
 Unit Information  
 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.





As Constructed  
 No Revisions:  
 Revised:  
 Void:

PEDESTRIAN CROSSINGS PACKAGE 2  
 SUMMARY OF APPROXIMATE  
 QUANTITIES (1 OF 3)  
 Designer: JLERNER  
 Detailer: JLERNER  
 Sheet Subset: SDAQ  
 Structure Numbers  
 Subset Sheets: 1 of 3

Project No./Code  
 RFP-24-007  
 26666  
 Sheet Number **21**

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INDEX			SPEC REF	ITEM NO.	ITEM DESCRIPTION	UNITS	ROADWAY		DRAINAGE/SWMP		STRUCTURES		TRAFFIC		UTILITIES		PROJECT TOTALS		
BOOK	PAGE	SHEET					PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	
			609	609-24008	Gutter Type 2 (8 Foot)	LF	53											53	
			610	610-00024	Median Cover Material (4 Inch Patterned Concrete)	SF	2,967											2,967	
			610	610-00030	Median Cover Material (Concrete)	SF	620											620	
			613	613-00200	2 Inch Electrical Conduit	LF							165					165	
			613	613-00206	2 Inch Electrical Conduit (Bored)	LF							100					100	
			613	613-00300	3 Inch Electrical Conduit	LF							40					40	
			613	613-00306	3 Inch Electrical Conduit (Bored)	LF							480					480	
			613	613-07034	Pull Box (24"x36"x18")	EACH							1					1	
			613	613-07060	Pull Box (18"x30"x18") Deep	EACH							8					8	
			613	613-10000	Wiring	L S							1					1	
			613	613-13014	Luminaire (LED) (14,000 Lumens)	EACH							2					2	
			614	614-00011	Sign Panel (Class I)	SF							212					212	
			614	614-00214	Steel Signpost (1.75x1.75 Inch Tubing)	LF							253.5					253.5	
			614	614-10160	Signal Head Backplates	EACH							38					38	
			614	614-70150	Pedestrian Signal Face (16) (Countdown)	EACH							12					12	
			614	614-70200	Accessible Pedestrian Signal	EACH							27					27	
			614	614-70336	Traffic Signal Face (12-12-12)	EACH							10					10	
			614	614-70448	Traffic Signal Face (12-12-12-12)	EACH							10					10	
			614	614-72836	Conflict Monitor	EACH							1					1	
			614	614-72855	Traffic Signal Controller Cabinet	EACH							1					1	
			614	614-72863	Pedestrian Push Button Post Assembly	EACH							8					8	
			614	614-80003	Rectangular Rapid Flashing Beacon	EACH							1					1	
			614	614-81130	Traffic Signal-Light Pole Steel (1-30 Foot Mast Arm)	EACH							1					1	
			614	614-81135	Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	EACH							1					1	
			614	614-84000	Traffic Signal Pedestal Pole Steel	EACH							6					6	
			614	614-86238	Traffic Signal Controller (Solid State) (Full-Actuated) (8 Phase)	EACH							1					1	
			614	614-86800	Uninterrupted Power Supply	EACH							1					1	
			619	619-75XXX	Remove and Replace Valve Box	EACH									7			7	
			620	620-00002	Field Office (Class 2)	EACH	1											1	
			620	620-00012	Field Laboratory (Class 2)	EACH	1											1	
			620	620-00020	Sanitary Facility	EACH	2											2	
			625	625-00000	Construction Surveying	L S	1											1	
			625	625-00001	Construction Surveying (Hourly)	HOUR	20											20	
			627	627-00011	Pavement Marking Paint (Waterborne)	GAL							31					31	
			627	627-30405	Preformed Thermoplastic Pavement Marking (Word- Symbol)	SF							291					291	
			627	627-30410	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	SF							3,650					3,650	

All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/30/2025	Sheet Revisions				As Constructed	PEDESTRIAN CROSSINGS PACKAGE 2			Project No./Code
	File Name: 25188_SAQ-P2.dgn	Date:	Comments	Init.		No Revisions:	SUMMARY OF APPROXIMATE QUANTITIES (2 OF 3)			RFP-24-007
	Horiz. Scale: Vert. Scale: As Noted					Revised:	Designer: JLERNER	Structure Numbers		26666
	Unit Information					Void:	Detailer: JLERNER	Subset Sheets: 2 of 3		Sheet Number 22
	 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800									

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INDEX			SPEC REF	ITEM NO.	ITEM DESCRIPTION	UNITS	ROADWAY		DRAINAGE/SWMP		STRUCTURES		TRAFFIC		ITS/UTILITIES		PROJECT TOTALS		
BOOK	PAGE	SHEET					PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	
			630	630-0007	Traffic Control Inspection	DAY	72											72	
			630	630-0012	Traffic Control Management	DAY	180											180	
			630	630-0016	Traffic Control (Special) LS	LS	1											1	
			700	700-70010	F/A Minor Contract Revisions	F A	1											1	
			700	700-70380	F/A Erosion Control	F A			1									1	
			700	700-90090	F/A Electrical Service	F A	1											1	

All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_SAO-P2.dgn  
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 Unit Information  
 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed  
 No Revisions:  
 Revised:  
 Void:

PEDESTRIAN CROSSINGS PACKAGE 2  
 SUMMARY OF APPROXIMATE  
 QUANTITIES (3 OF 3)  
 Designer: JLERNER  
 Detailer: JLERNER  
 Sheet Subset: SDAQ  
 Structure Numbers  
 Subset Sheets: 3 of 3

Project No./Code  
 RFP-24-007  
 26666  
 Sheet Number **23**

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### TABULATION OF ROADWAY REMOVALS

Alignment / Intersection	201-00000		202-00155		202-00200		202-00201		202-00203		202-00206		202-00210		202-00220		203-00010	
	Clearing and Grubbing		Removal of Wall		Removal of Sidewalk*		Removal of Curb		Removal of Curb and Gutter		Removal of Concrete Curb Ramp*		Removal of Concrete Pavement		Removal of Asphalt Mat**		Unclassified Excavation (Complete In Place)	
	L S		LF		SY		LF		LF		SY		SY		SY		CY	
	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.
Main St and Leta Dr			13		132					394		54				1,401		284
Black Forest Rd and Shoup Rd																160		20
Palmer Park Blvd and Peterson Rd																246		26
Palmer Park Blvd and Winnebago Rd									40		29					223		44
Peterson Rd and Piros Dr					27				121		27		45			194		49
Security Blvd and Willis Dr					21		18		113		19		37			478		81
Project Wide	1																	
<b>Project Totals</b>	<b>1</b>		<b>13</b>		<b>180</b>		<b>18</b>		<b>667</b>		<b>129</b>		<b>82</b>			<b>2,702</b>		<b>504</b>

\* THICKNESS OF EXISTING SIDEWALK AND CONCRETE CURB RAMP ASSUMED TO BE 4 INCHES.  
 \*\* WHERE EXISTING PAVEMENT THICKNESS IS NOT AVAILABLE FROM GEOTECHNICAL REPORT, THICKNESS IS ASSUMED TO BE 8 INCHES.

### TABULATION OF SURFACING

Alignment / Intersection	304-06007		403-33741		403-34741		411-10255		411-10300		412-00800	
	Aggregate Base Course (Class 6)		Hot Mix Asphalt (Grading S) (75) (PG 64-22)		Hot Mix Asphalt (Grading SX) (75) (PG 64-22)		Emulsified Asphalt (Slow-Setting)		Emulsified Asphalt (Prime Coat)		Concrete Pavement (8 Inch)	
	CY		TON		TON		GAL		GAL		SY	
	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.
Main St and Leta Dr	352		190		126		115		115		23	
Black Forest Rd and Shoup Rd	45		23		8		15		8			
Palmer Park Blvd and Peterson Rd	51		44		12		32		11			
Palmer Park Blvd and Winnebago Rd	39		28		7		20		7			
Peterson Rd and Piros Dr	59		41		11		30		10		23	
Security Blvd and Willis Dr	125		58		46		42		42		23	
<b>Project Totals</b>	<b>671</b>		<b>384</b>		<b>210</b>		<b>253</b>		<b>191</b>		<b>69</b>	


All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/30/2025	Sheet Revisions				As Constructed	<b>PEDESTRIAN CROSSINGS PACKAGE 2</b> <b>TABULATION OF QUANTITIES</b> <b>ROADWAY (1 OF 2)</b>			Project No./Code
	File Name: 25188_RDY_TAB_P2.dgn	Date:	Comments	Init.		No Revisions:				RFP-24-007
	Horiz. Scale:      Vert. Scale: As Noted					Revised:	26666			
	Unit Information					Void:	Sheet Number <b>24</b>			
	5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800				Designer: JLERNER Detailer: JLERNER Sheet Subset: RDY TABS Subset Sheets: 1 of 2					

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**TABULATION OF FLATWORK**

Alignment / Intersection	608-00006		608-00010		608-00015		609-20010		609-21040		609-21070		610-00024		609-24006		609-24008		610-00030		
	Concrete Sidewalk (6 Inch)		Concrete Curb Ramp		Detectable Warnings		Curb Type 2 (Section B)		Curb and Gutter Type A		3-Inch Mountable Curb		Median Cover Material (4 Inch Patterned Concrete)		Gutter Type 2 (6 Foot)		Gutter Type 2 (8 Foot)		Median Cover Material (Concrete)		
	SY		SY		SF		LF		LF		LF		SF		LF		LF		SF		
	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	
Main St and Leta Dr	136		85		67					324				1,609				29			
Black Forest Rd and Shoup Rd			74		80					254				165							
Palmer Park Blvd and Peterson Rd	19											352		183						243	
Palmer Park Blvd and Winnebago Rd	20		18		50					25		243		751						128	
Peterson Rd and Piros Dr	33		46		36					55		175		259		33				113	
Security Blvd and Willis Dr	31		59		54		11			84		72						24		135	
<b>Project Totals</b>	<b>238</b>		<b>282</b>		<b>287</b>		<b>11</b>			<b>742</b>		<b>843</b>		<b>2,967</b>		<b>33</b>		<b>53</b>		<b>620</b>	

All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_RDY\_TAB\_P2.dgn  
 Horiz. Scale:      Vert. Scale: As Noted  
 Unit Information  
 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.

**EL PASO COUNTY**  
  
**COLORADO**

As Constructed
No Revisions:
Revised:
Void:

**PEDESTRIAN CROSSINGS PACKAGE 2**  
**TABULATION OF QUANTITIES**  
**ROADWAY (2 OF 2)**



Designer: JLERNER  
 Detailer: JLERNER  
 Sheet Subset: RDY TABS

Structure Numbers  
 Subset Sheets: 2 of 2

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>25</b>

TABULATION OF SWMP																	
STATION	ALIGNMENT	INTERSECTION	SIDE	208-00035		208-00045		208-00051		208-00070		208-00106		208-00207		700-70380	
				Aggregate Bag		Concrete Washout Structure		Storm Drain Inlet Protection (Type I)		Vehicle Tracking Pad		Sweeping (Sediment Removal)		Erosion Control Management		F/A Erosion Control	
				LF		EACH		LF		EACH		HOUR		DAY		F A	
FROM	TO			PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.
10+00	10+25	HCL MAIN	Main St and Leta Dr	R	12												
10+00	10+25	HCL MAIN	Main St and Leta Dr	L	12												
11+40	11+60	HCL MAIN	Main St and Leta Dr	R	12												
11+40	11+60	HCL MAIN	Main St and Leta Dr	L	12												
10+10	10+30	HCL SHOUP	Black Forest at Shoup	R	12												
10+10	10+30	HCL SHOUP	Black Forest at Shoup	L	12												
21+60	21+80	HCL BLACK FOREST	Black Forest at Shoup	R	12												
21+60	21+80	HCL BLACK FOREST	Black Forest at Shoup	L	12												
12+00	12+40	HCL PALMER PARK	Palmer Park at Winnebago	R	12												
12+00	12+40	HCL PALMER PARK	Palmer Park at Winnebago	L	12												
11+25	11+50	HCL SECURITY	Security at Willis	R	12												
11+25	11+50	HCL SECURITY	Security at Willis	L	12												
20+40	20+60	HCL PALMER PARK	Palmer Park and Peterson Road	R	12												
20+40	20+60	HCL PALMER PARK	Palmer Park and Peterson Road	L	12												
22+75	22+90	HCL PALMER PARK	Palmer Park and Peterson Road	R	12												
22+75	22+90	HCL PALMER PARK	Palmer Park and Peterson Road	L	12												
20+44	20+66	HCL PETERSON	Palmer Park and Peterson Road	L	12												
20+40	20+60	HCL PETERSON	Palmer Park and Peterson Road	R	12												
11+95	12+12	HCL PETERSON	Piros Drive and Peterson Road	R				1									
10+40	10+60	HCL PETERSON	Piros Drive and Peterson Road	R	12												
10+40	10+60	HCL PETERSON	Piros Drive and Peterson Road	L	12												
10+20	10+40	HCL NORMAN	Main Street & Norman Drive	R	12												
10+20	10+40	HCL NORMAN	Main Street & Norman Drive	L	12												
-	-	-	General	-			2				2		44		40		1
<b>Project Totals</b>					<b>264</b>		<b>2</b>		<b>1</b>		<b>2</b>		<b>44</b>		<b>40</b>		<b>1</b>

JLERNER 3:02:32 PM pwr:\pwhruscen01:HDR\_US\_Central\_01\_Documents\EL\_Paso\_County\_CD\EL\_Paso\_Pedestrian\_Crossings\6\_0\_CAD\_BIM\6.2\_WIP\25188\_EnvironmentalSheets\2\SWMP\_Sheets\_TAB

All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/30/2025	Sheet Revisions				As Constructed		PEDESTRIAN CROSSINGS PACKAGE 2		Project No./Code	
	File Name: 25188_RDY_SWMP-TAB.dgn	Date:	Comments	Init.		No Revisions:		SWMP TABS		RFP-24-007	
	Horiz. Scale:      Vert. Scale: As Noted					Revised:		Designer: SACDSTA	Structure Numbers	26666	
	Unit Information					Void:		Detailer: CBURLISON	Subset Sheets: 1 of 1	Sheet Number <b>26</b>	
 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800						Sheet Subset: SWMP					



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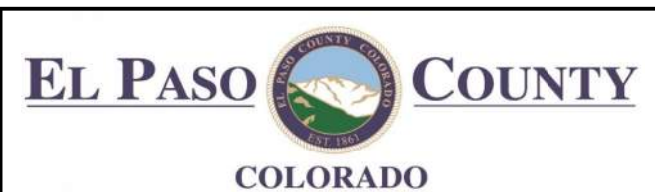
TABULATION OF UTILITIES							
STATION		ALIGNMENT	SIDE	210-04010		619-75XXX	
				Adjust Manhole		Remove and Replace Valve Box	
				EACH		EACH	
FROM	TO			PLAN	AS CONST.	PLAN	AS CONST.
12+46	-	MAIN	10' RT.	1			
12+95	-	MAIN	26' LT.			1	
12+99	-	MAIN	32' LT.			1	
13+00	-	MAIN	29' RT.			1	
13+08	-	MAIN	27' LT.			1	
10+73	-	SECURITY	0' LT.	1			
10+84	-	SECURITY	14' LT.			1	
10+87	-	SECURITY	18' LT.			1	
10+91	-	SECURITY	15' LT.			1	
<b>Project Totals</b>				<b>2</b>		<b>7</b>	

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All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
File Name: 25188_UTL_TAB-P2.dgn
Horiz. Scale:                      Vert. Scale: As Noted
Unit Information
5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2 TABULATION OF UTILITIES			
Designer: JVESTAD	Structure Numbers		
Detailer: ECARDOSO			
Sheet Subset: TAB	Subset Sheets: 1 of 1		

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>27</b>




Know what's below.  
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TRAFFIC SIGNAL QUANTITIES																	
Item No.	Description	Unit	MAIN ST AND LETA DR		BLACK FOREST AND SHOUP		PALMER PARK AND PETERSON		PALMER PARK AND WINNEBAGO		PIROS AND PETERSON		SECURITY AND WILLIS		Project Totals		Notes
			Plan	As Const.	Plan	As Const.	Plan	As Const.	Plan	As Const.	Plan	As Const.	Plan	As Const.	Plan	As Const.	
202-00828	REMOVAL OF TRAFFIC SIGNAL EQUIPMENT	LS	0.2		-		0.2		0.2		0.2		0.2		1		
210-00831	RESET TRAFFIC SIGNAL HEAD	EACH	-		-		8		-		8		-		16		
503-00018	DRILLED SHAFT (18 INCH)	LF	13		12		-		5		4		-		34		
503-00036	DRILLED SHAFT (36 INCH)	LF	-		-		-		28		-		-		28		
613-00200	2 INCH ELECTRICAL CONDUIT	LF	75		40		-		30		20		-		165		
613-00206	2 INCH ELECTRICAL CONDUIT (BORED)	LF	-		-		-		100		-		-		100		
613-00300	3 INCH ELECTRICAL CONDUIT	LF	-		20		-		20		-		-		40		
613-00306	3 INCH ELECTRICAL CONDUIT (BORED)	LF	-		220		-		200		60		-		480		
613-07034	PULL BOX (24"x36"x18")	EACH	-		-		-		1		-		-		1		
613-07061	PULL BOX (17"x30"x18")	EACH	-		4		-		2		2		-		8		
613-10000	WIRING	LS	0.2		0.2		-		0.2		0.2		-		1		LS Wiring also shown on Lighting Tabulations. Paid as 1 LS
613-13014	LUMINAIRE (LED) (14,000 LUMENS)	EACH	-		-		-		2		-		-		2		
614-00011	SIGN PANEL (CLASS I)	SF	-		-		-		45		-		-		45		
614-10160	SIGNAL HEAD BACKPLATES	EACH	10		-		12		4		12		-		38		
614-70150	PEDESTRIAN SIGNAL FACE (16) (COUNTDOWN)	EACH	2		8		-		2		-		-		12		
614-70200	ACCESSIBLE PEDESTRIAN SIGNAL	EACH	8		8		-		3		8		-		27		
614-70336	TRAFFIC SIGNAL FACE (12-12-12)	EACH	4		-		-		6		-		-		10		
614-70448	TRAFFIC SIGNAL FACE (12-12-12-12)	EACH	2		-		4		-		4		-		10		
614-72836	CONFLICT MONITOR	EACH	-		-		-		1		-		-		1		
614-72855	TRAFFIC SIGNAL CONTROLLER CABINET	EACH	-		-		-		1		-		-		1		
614-72863	PEDESTRIAN PUSH BUTTON POST ASSEMBLY	EACH	5		-		-		1		2		-		8		
614-81130	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-30 FOOT MAST ARM)	EACH	-		-		-		1		-		-		1		
614-81135	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-35 FOOT MAST ARM)	EACH	-		-		-		1		-		-		1		
614-84000	TRAFFIC SIGNAL PEDESTAL POLE STEEL	EACH	1		4		-		1		-		-		6		
614-86238	TRAFFIC SIGNAL CONTROLLER (SOLID STATE) (FULL ACTUATED) (8-PHASE)	EACH	-		-		-		1		-		-		1		
614-86800	UNINTERRUPTED POWER SUPPLY	EACH	-		-		-		1		-		-		1		

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Print Date: 10/30/2025  
 File Name: 25188\_TRF\_TAB-P2.dgn  
 Horiz. Scale: Vert. Scale: As Noted  
 Unit Information  
 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed
No Revisions:
Revised:
Void:

**PEDESTRIAN CROSSINGS PACKAGE 2  
TABULATION OF TRAFFIC SIGNALS**

Designer: GBAKER  
 Detailer: GBAKER  
 Sheet Subset: SIGNALTAB

Structure Numbers  
 Subset Sheets: 1 of 1

Project No./Code
RFP-24-007
26666
Sheet Number <b>28</b>



TABULATION OF SIGNS																							
Sign No.	Location / Alignment	Station	Direction Of Travel	MUTCD Sign Code	Sign Panel Size			Background Color	Legend	202-00810		210-00810		614-00011		Number of Posts (For Info. Only)	614-00214		614-80003		Remarks		
										Removal of Ground Sign		Reset Ground Sign		Sign Panel (Class I)			Steel Sign Post (1.75x1.75 Inch Tubing)		Rectangular Rapid Flashing Beacon				
										EACH		EACH		SF			LF		EACH				
					Plan	As Const.				Plan	As Const.	Plan	As Const.	Plan	As Const.		Plan	As Const.	Plan	As Const.			
2-A1	Main St (Leta)	12+27	SB	W4-2r																			
2-A2	Main St (Leta)	14+50	SB	R3-7r	36	x	36	WHITE						9.0									
2-C1	Peterson Rd	10+79	NB	R4-7	24	x	30	WHITE						5.0								Median mounted	
				OM-3L	12	x	36	YELLOW					3.0										
2-C2	Peterson Rd	11+13	SB	R4-7	24	x	30	WHITE						5.0								Median mounted	
				OM-3L	12	x	36	YELLOW					3.0										
2-C3	Peterson Rd	11+82	NB	R4-7	24	x	30	WHITE						5.0								Median mounted	
				OM-3L	12	x	36	YELLOW					3.0										
2-C4	Peterson Rd	12+14	SB	R4-7	24	x	30	WHITE						5.0								Median mounted	
				OM-3L	12	x	36	YELLOW					3.0										
2-C5	Palmer Pk Blvd	20+81	EB	R4-7	24	x	30	WHITE						5.0								Median mounted	
				OM-3L	12	x	36	YELLOW					3.0										
2-C6	Palmer Pk Blvd	21+15	WB	R4-7	24	x	30	WHITE						5.0								Median mounted	
				OM-3L	12	x	36	YELLOW					3.0										
2-C7	Palmer Pk Blvd	21+86	EB	R4-7	24	x	30	WHITE						5.0								Median mounted	
				OM-3L	12	x	36	YELLOW					3.0										
2-C8	Palmer Pk Blvd	22+18	WB	R4-7	24	x	30	WHITE						5.0								Median mounted	
				OM-3L	12	x	36	YELLOW					3.0										
2-D1	Palmer and Winnebago	10+63	EB	R10-6L	24	x	36	WHITE						6.0									
2-D2	Palmer and Winnebago	10+73	EB	R4-7	24	x	30	WHITE						5.0								Median mounted	
				OM-3L	12	x	36	YELLOW					3.0										
2-D3	Palmer and Winnebago	11+66	WB	R10-6L	24	x	36	WHITE						6.0									
2-D4	Palmer and Winnebago	11+67	WB	R4-7	24	x	30	WHITE						5.0								Median mounted	
				OM-3L	12	x	36	YELLOW					3.0										
2-E1	Peterson Rd (Piros)	10+89	NB	R4-7	24	x	30	WHITE						5.0								Median mounted	
				OM-3L	12	x	36	YELLOW					3.0										
2-E2	Peterson Rd (Piros)	11+23	SB	R4-7	24	x	30	WHITE						5.0								Median mounted	
				OM-3L	12	x	36	YELLOW					3.0										
2-E3	Peterson Rd (Piros)	11+74	NB	R4-7	24	x	30	WHITE						5.0								Median mounted	
				OM-3L	12	x	36	YELLOW					3.0										
2-E4	Peterson Rd (Piros)	12+09	SB	R4-7	24	x	30	WHITE						5.0								Median mounted	
				OM-3L	12	x	36	YELLOW					3.0										
2-F1	Willis Dr	20+61	SWB	R1-1	36	x	36	RED						9.0									
			SWB	D3-1	42	x	9	GREEN	Security Blvd						2.6								
			NEB	D3-1	42	x	9	GREEN	Security Blvd						2.6								
			SEB	D3-1	30	x	9	GREEN	Willis Dr						1.9								
2-F2	Security Blvd	10+94	SEB	S1-1										1									
				R4-7	24	x	30	WHITE					5.0										Median mounted
2-F3	Security Blvd	10+97	SEB	OM-3L	12	x	36	YELLOW						3.0									
2-F4	Security Blvd	10+98	SEB																			See plans and specifications. RRFB shall be solar powered and include all hardware to provide a fully functioning warning beacon system for complete crosswalk	
		11+15	NWB																				
2-F5	Security Blvd	11+15	NWB	S1-1										1									
2-F6	Security Blvd	11+16	NWB	R4-7	24	x	30	WHITE						5.0								Median mounted	
				OM-3L	12	x	36	YELLOW					3.0										
<b>TOTALS</b>									<b>3</b>	<b>0</b>	<b>167.0</b>	<b>20</b>	<b>253.5</b>	<b>1.0</b>									

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Print Date: 10/30/2025  
 File Name: 25188\_TRF\_TAB-P2.dgn  
 Horiz. Scale: Vert. Scale: As Noted  
 Unit Information  
 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed  
 No Revisions:  
 Revised:  
 Void:

**PEDESTRIAN CROSSINGS PACKAGE 2  
 TABULATION OF TRAFFIC  
 SIGNS AND DELINEATORS**

Designer: GBAKER  
 Detailer: GBAKER  
 Sheet Subset: SIGNTAB

Structure Numbers  
 Subset Sheets: 1 of 1

Project No./Code  
 RFP-24-007  
 26666  
 Sheet Number **29**



Know what's below.  
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TABULATION OF PAVEMENT MARKINGS									
STATION	LOCATION	202-00250	627-00009				627-30323	627-30328	
		Removal of Pavement Marking	Modified Epoxy Pavement Marking (Inlaid)				Preformed Plastic Pavement Marking (Word-Symbol) (Type I) (Inlaid)	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) (Type I) (Inlaid)	
			CENTER	EDGE	CHANNELIZING	LANE		WHITE TURN ARROW	CROSSWALK BARS (9' X 2')
			DOUBLE YELLOW SOLID	WHITE SOLID	WHITE SOLID	WHITE BROKEN			
SF	4 INCH	6 INCH	8 INCH	6 INCH	EACH	EACH	LF		
		LF	LF	LF	LF				
<b>MAIN ST (LETA)</b>									
10+82 to 12+35	NB			153					
12+16 to 12+73	NB		57		57				
11+20	NB					1			
12+35	NB					1			
12+70	NB							24	
12+80	NB/SB						7		
13+46	NB/SB						9		
13+55	SB							36	
13+55 to 13+83	SB		28		56				
13+88	SB					2			
14+36	SB					2			
<b>LETA DR</b>									
20+80 to 21+00	EB		20						
21+00	EB							14	
21+10	EB/WB						5		
21+87	EB/WB						5		
21+98	WB							14	
21+98 to 22+22	WB		24						
<b>BLACK FOREST RD</b>									
	NB							11	
	NB/SB						5		
	SB							11	
	NB/SB						5		
<b>SHOUP DR</b>									
	EB							11	
	EB/WB						5		
	WB							11	
	EB/WB						5		
TOTAL SEGMENT LENGTH (LF)			129	153	113	0			
ACTUAL SEGMENT LENGTH (LF)			258	153	113	0			
SUBTOTAL (SQ. FT.)			86	77	76	0	97	828	
SUBTOTAL (GALS)			2	1	1	0			
<b>SHEET 1 SUBTOTAL GALS</b>			<b>4</b>						
<b>SHEET 1 SUBTOTAL SQ.FT.</b>		<b>0</b>					<b>97</b>	<b>1,092</b>	

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All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
File Name: 25188_TRF_TAB-P2.dgn
Horiz. Scale:      Vert. Scale: As Noted
Unit Information
5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed
No Revisions:
Revised:
Void:

<b>PEDESTRIAN CROSSINGS PACKAGE 2 TABULATION OF TRAFFIC PAVEMENT MARKINGS</b>			
Designer:	GBAKER	Structure Numbers	
Detailer:	GBAKER		
Sheet Subset:	STRIPETAB	Subset Sheets:	1 of 3

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>30</b>



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TABULATION OF PAVEMENT MARKINGS									
STATION	LOCATION	202-00250 Removal of Pavement Marking	627-00009 Modified Epoxy Pavement Marking (Inlaid)				627-30323 Preformed Plastic Pavement Marking (Word-Symbol) (Type I) (Inlaid)	627-30328 Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) (Type I) (Inlaid)	
			CENTER	EDGE	CHANNELIZING	LANE	WHITE TURN ARROW	CROSSWALK BARS (9' X 2')	STOP BAR (24 INCH)
			DOUBLE YELLOW SOLID	WHITE SOLID	WHITE SOLID	WHITE BROKEN			
			SF	4 INCH	6 INCH	8 INCH	6 INCH	EACH	EACH
			LF	LF	LF	LF			
<b>PALMER PARK BLVD (PETERSON)</b>									
19+30	EB					1			
19+30 to 20+99	EB/WB	423	338		169	338			
20+70	EB					1			
20+99	EB	70						33	
21+10	EB/WB	216					12		
21+94	EB/WB	216					12		
22+07	WB	70						34	
22+07 to 23+75	EB/WB	386	336		100	336			
22+20	WB					1			
23+03	WB					1			
<b>PETERSON RD</b>									
9+75 to 11+00	NB/SB	250	200		100	200			
10+80	NB					1			
11+00	NB	70						33	
11+08	NB/SB	216					12		
11+88	NB/SB	216					12		
11+98	SB	70						33	
11+98 to 13+80	NB/SB	444	364		160	364			
12+20	SB					1			
13+55	SB					1			
<b>PALMER PARK BLVD (WINNEBAGO)</b>									
10+00 to 10+60	WB	60	60		37				
10+63	EB	50						25	
11+20	EB/WB	198					10		
11+65	WB	50						25	
TOTAL SEGMENT LENGTH (LF)			1,298	0	566	1,238			
ACTUAL SEGMENT LENGTH (LF)			2,596	0	566	310			
SUBTOTAL (SQ. FT.)			866	0	378	155	113	1,044	
SUBTOTAL (GALS)			11	0	5	2		366	
<b>SHEET 2 SUBTOTAL GALS</b>							<b>18</b>		
<b>SHEET 2 SUBTOTAL SQ.FT.</b>			<b>3,005</b>					<b>113</b>	<b>1,410</b>

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Print Date: 10/30/2025
File Name: 25188_TRF_TAB-P2.dgn
Horiz. Scale:      Vert. Scale: As Noted
Unit Information
5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed
No Revisions:
Revised:
Void:

<b>PEDESTRIAN CROSSINGS PACKAGE 2 TABULATION OF TRAFFIC PAVEMENT MARKINGS</b>			
Designer: GBAKER	Structure Numbers		
Detailer: GBAKER			
Sheet Subset: STRIPETAB	Subset Sheets: 2 of 3		

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>31</b>



TABULATION OF PAVEMENT MARKINGS										
STATION	LOCATION	202-00250	627-00009				627-30323	627-30328		
		Removal of Pavement Marking	Modified Epoxy Pavement Marking (Inlaid)				Preformed Plastic Pavement Marking (Word- Symbol) (Type I) (Inlaid)	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) (Type I) (Inlaid)		
			CENTER	EDGE	CHANNELIZING	LANE	WHITE TURN ARROW	CROSSWALK BARS (9' X 2')	STOP BAR (24 INCH)	
			DOUBLE YELLOW SOLID	WHITE SOLID	WHITE SOLID	WHITE BROKEN				
SF	4 INCH	6 INCH	8 INCH	6 INCH	EACH	EACH	LF			
		LF	LF	LF	LF					
<b>PIROS DR</b>										
19+10 to 20+00	EB	90	90		90					
19+22	EB					1				
20+00	EB	50						23		
20+13	EB/WB	144					8			
20+94	EB/WB	126					7			
21+07	WB	50						22		
21+07 to 21+82	WB		75		75					
21+73	WB					1				
<b>PETERSON RD (AT PIROS)</b>										
10+20 to 11+05	NB/SB	115	60		85	85				
10+85	NB					1				
11+05	NB	70						33		
11+18	NB/SB	216					12			
11+81	NB/SB	216					12			
11+94	SB	70						33		
12+12	SB					1				
11+94 to 12+91	NB/SB	186	80		97	194				
<b>SECURITY BLVD</b>										
09+65 to 10+62	NB/SB	90	100		55					
10+13	SB					1				
11+06	NB/SB						6			
11+20 to 11+70	NB/SB	60	100							
<b>WILLIS DR</b>										
20+53	EB/WB						5			
20+62	WB							13		
TOTAL SEGMENT LENGTH (LF)			505	0	402	279				
ACTUAL SEGMENT LENGTH (LF)			1,010	0	402	70				
SUBTOTAL (SQ. FT.)			337	0	268	35	81	900	248	
SUBTOTAL (GALS)			4	0	4	1				
<b>SHEET 3 SUBTOTAL GALS</b>			<b>9</b>							
<b>SHEET 3 SUBTOTAL SQ.FT.</b>		<b>1,483</b>					<b>81</b>	<b>1,148</b>		

SUMMARY OF PAVEMENT MARKING QUANTITIES							
ITEM NO.	DESCRIPTION	UNIT	SHEET 1 SUBTOTAL	SHEET 2 SUBTOTAL	SHEET 3 SUBTOTAL	TOTAL	AS CONST.
202-00250	Removal of Pavement Marking	SF	0	3,005	1,483	4,488	
627-00009	Modified Epoxy Pavement Marking(Inlaid)	GAL	4	18	9	31	
627-30323	Preformed Thermoplastic Pavement Marking (Word- Symbol) (Type I) (Inlaid)	SF	97	113	81	291	
627-30328	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) (Type I) (Inlaid)	SF	1,092	1,410	1,148	3,650	

All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_TRF\_TAB-P2.dgn  
 Horiz. Scale: Vert. Scale: As Noted  
 Unit Information  
 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed  
 No Revisions:  
 Revised:  
 Void:

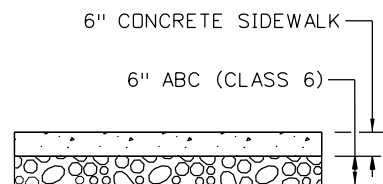
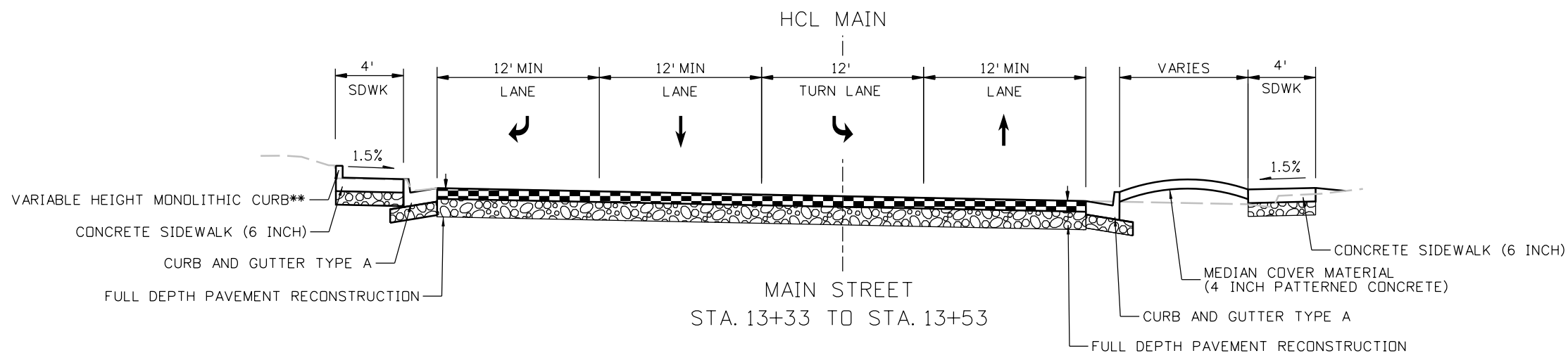
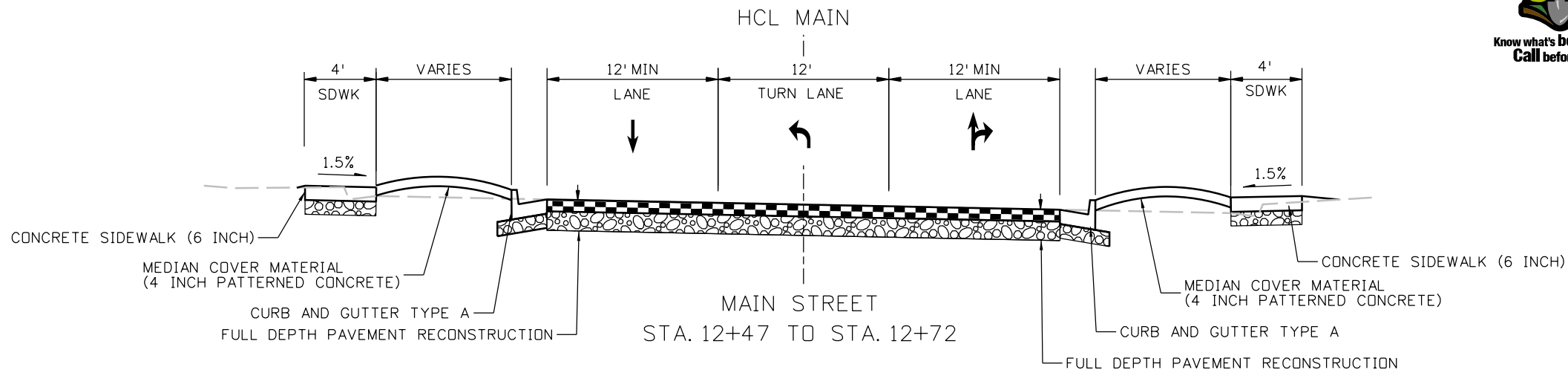
**PEDESTRIAN CROSSINGS PACKAGE 2**  
**TABULATION OF TRAFFIC PAVEMENT MARKINGS**  
 Designer: GBAKER  
 Detailer: GBAKER  
 Sheet Subset: STRIPETAB  
 Structure Numbers  
 Subset Sheets: 3 of 3

Project No./Code  
 RFP-24-007  
 26666  
 Sheet Number **32**

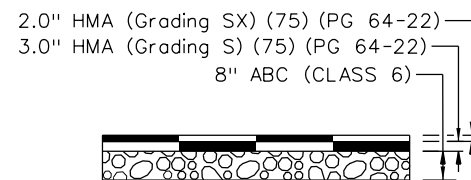
**NOTES:**

1. TYPICAL SECTIONS ARE REPRESENTATIVE ONLY. PLAN SHEETS ARE TO BE USED FOR CONSTRUCTION.
2. BREAK POINT ON SLOPES SHALL BE ROUNDED DURING CONSTRUCTION.
3. MATCH EXISTING SIDEWALK WIDTH AT POINTS OF TIE IN.
4. VARIABLE HEIGHT MONOLITHIC CURB IS PART OF AND PAID FOR UNDER CONCRETE CURB RAMP.

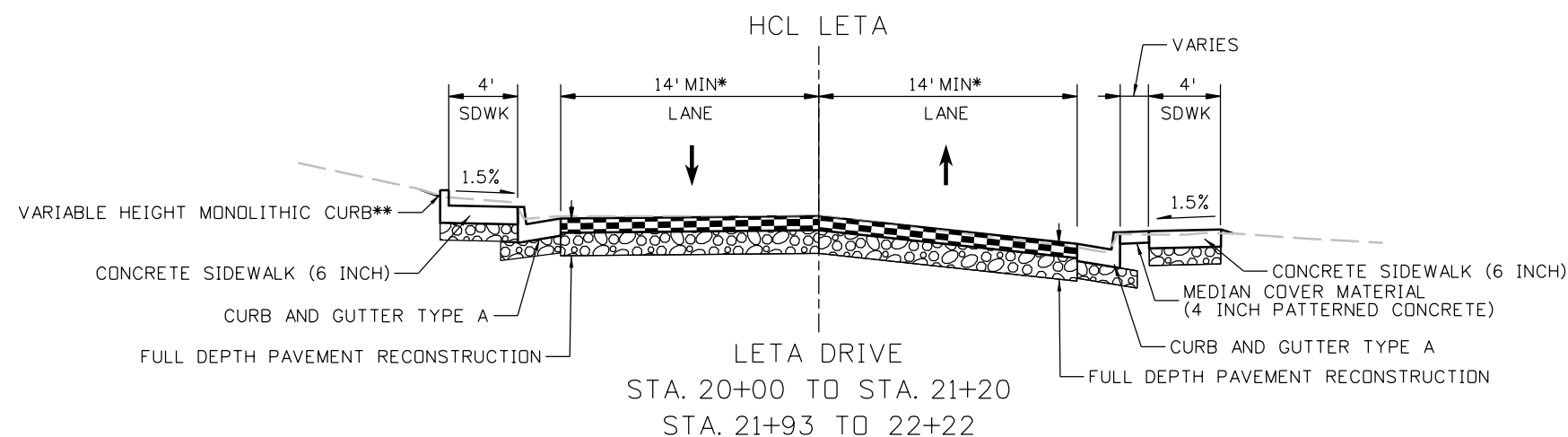
\* = MATCH EXISTING LANE WIDTH  
 \*\* = VARIABLE HEIGHT MONOLITHIC CURB IS PART OF AND PAID FOR UNDER CONCRETE CURB RAMP.



CONCRETE SIDEWALK



FULL DEPTH PAVEMENT RECONSTRUCTION



All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
File Name: 25188_RDY_TYP-01-MAIN-LETA.dgn
Horiz. Scale: Vert. Scale: As Noted
Unit Information
<b>HR</b> 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.

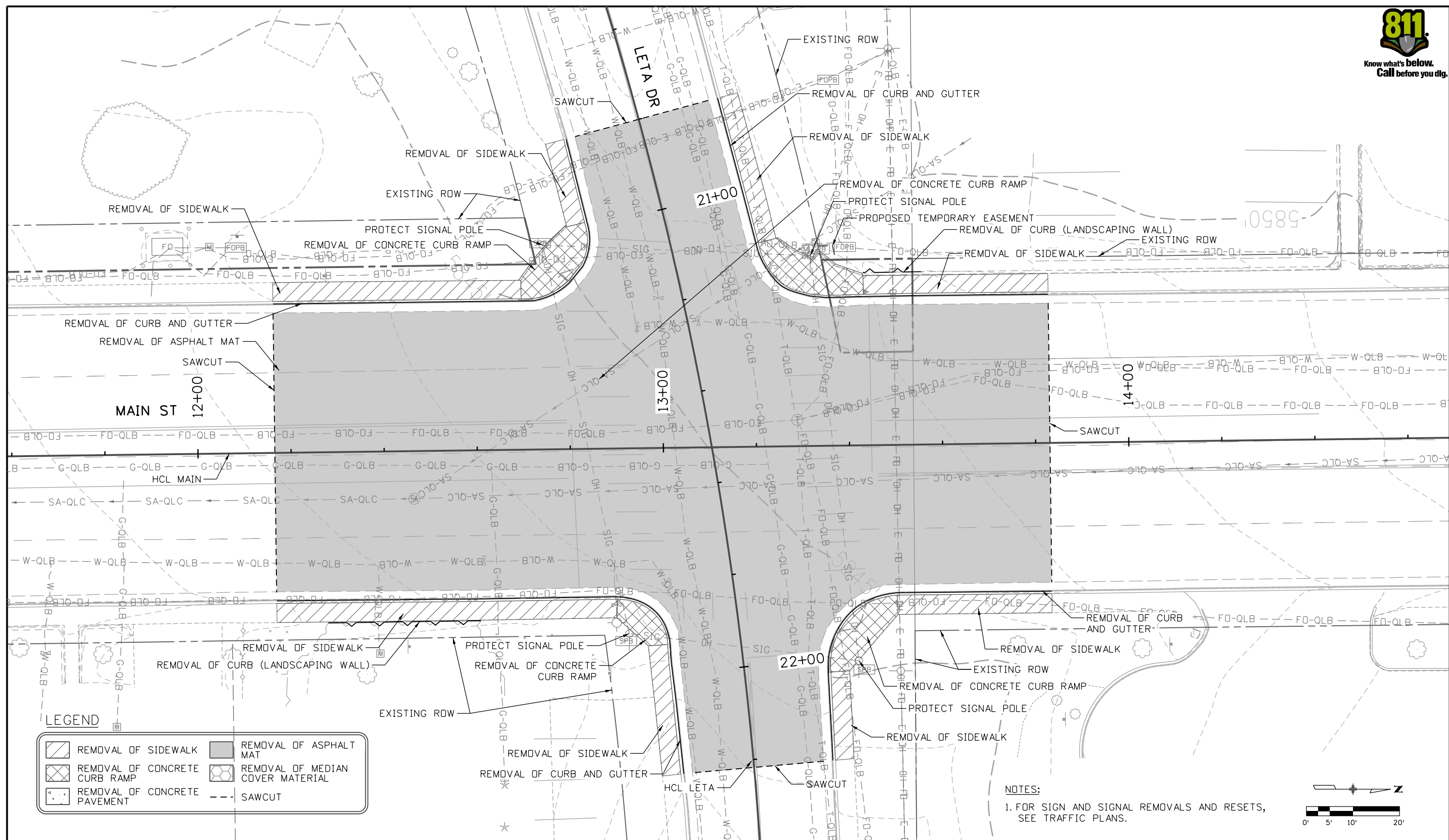


As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2 TYPICAL SECTIONS MAIN ST AND LETA DR			
Designer:	JLERNER	Structure Numbers	
Detailer:	XREYNOLDS		
Sheet Subset:	MSLE	Subset Sheets:	1 of 14

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>33</b>

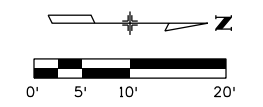




**LEGEND**

	REMOVAL OF SIDEWALK		REMOVAL OF ASPHALT MAT
	REMOVAL OF CONCRETE CURB RAMP		REMOVAL OF MEDIAN COVER MATERIAL
	REMOVAL OF CONCRETE PAVEMENT		SAWCUT

**NOTES:**  
 1. FOR SIGN AND SIGNAL REMOVALS AND RESETS, SEE TRAFFIC PLANS.

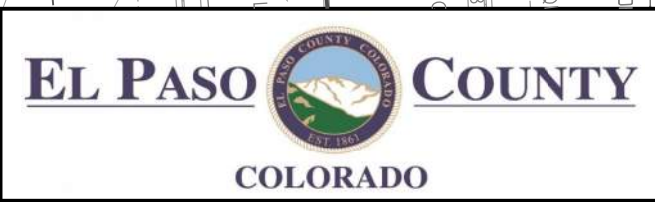


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All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_RDY\_REM-01-MAIN-LETA.dgn  
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 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



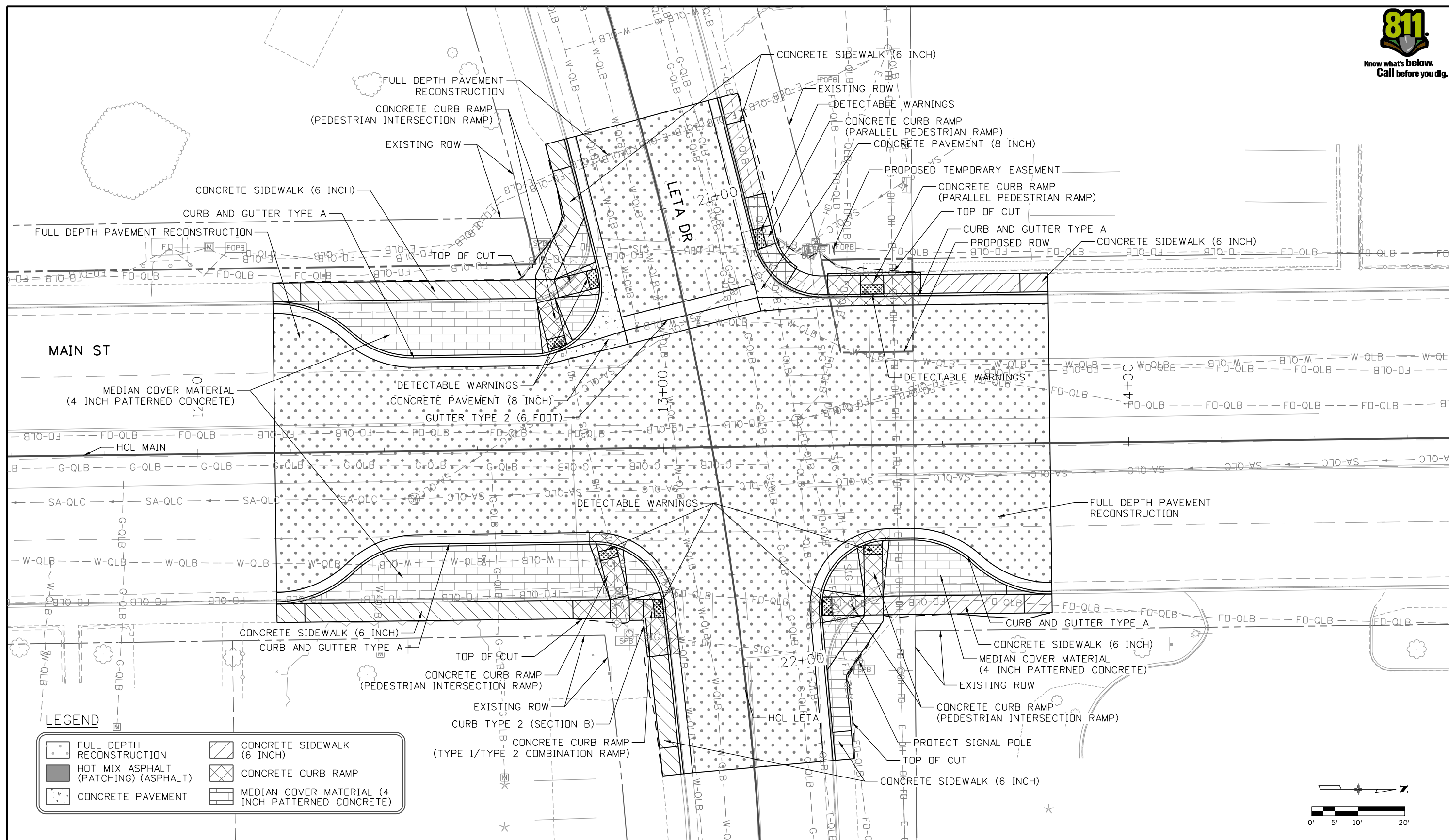
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 No Revisions:  
 Revised:  
 Void:

**PEDESTRIAN CROSSINGS PACKAGE 2  
 ROADWAY REMOVAL PLAN  
 MAIN ST AND LETA DR**

Designer: JLERNER  
 Detailer: GPRINCE  
 Sheet Subset: MSLE

Structure Numbers  
 Subset Sheets: 3 of 14

Project No./Code  
 RFP-24-007  
 26666  
 Sheet Number **35**

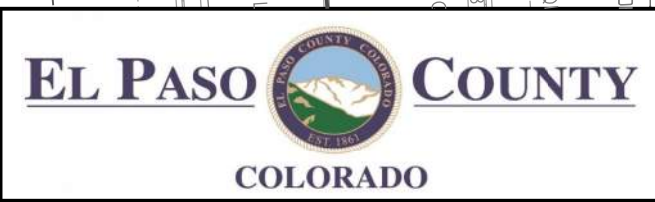


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All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_RDY\_PLN-01-MAIN-LETA.dgn  
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 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

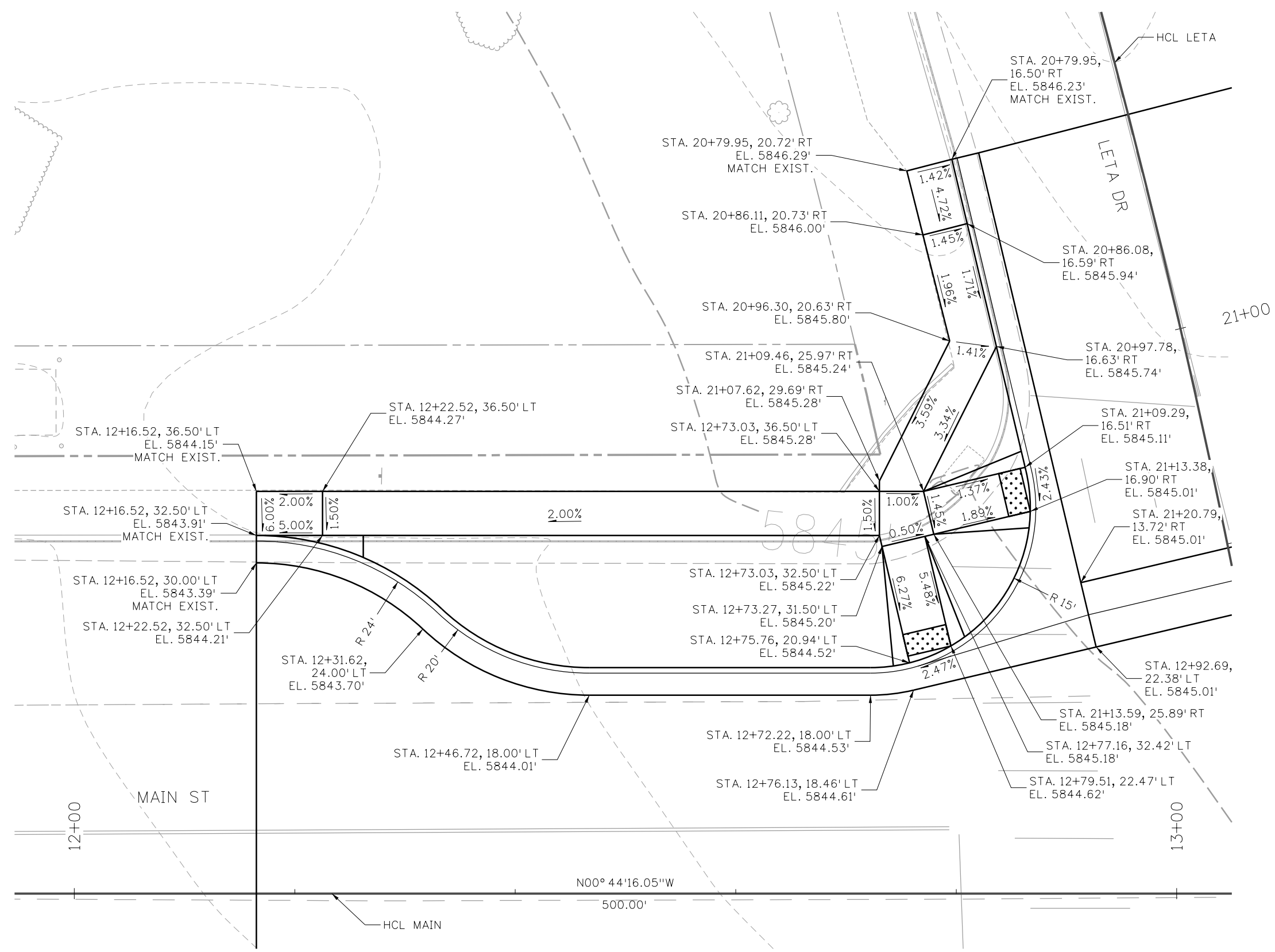
Sheet Revisions		
Date:	Comments	Init.



As Constructed  
 No Revisions:  
 Revised:  
 Void:

**PEDESTRIAN CROSSINGS PACKAGE 2**  
**ROADWAY INTERSECTION PLAN**  
**MAIN ST AND LETA DR**  
 Designer: JLERNER  
 Detailer: GPRINCE  
 Sheet Subset: MSLE  
 Structure Numbers:  
 Subset Sheets: 4 of 14

Project No./Code  
 RFP-24-007  
 26666  
 Sheet Number **36**



JLERNER 3:05:00 PM pwr:\pwhdruscen01:HDR\_US\_Central\_01\Documents\EL\_Paso\_County\_CD\EL\_Paso\_Pedestrian\_Crossings\6\_0\_CAD\_BIM\6.2\_WIP\25188\_Roadway\_Sheets\Package 2\_Detail\_Sheets\_Main\_Street\_and\_Leta\_Drive

All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
File Name: 25188_RDY_DTL-01-MAIN-LETA.dgn
Horiz. Scale: Vert. Scale: As Noted
Unit Information
<b>HR</b> 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

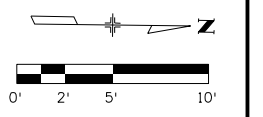
Sheet Revisions		
Date:	Comments	Init.

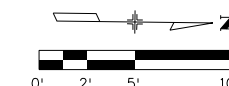
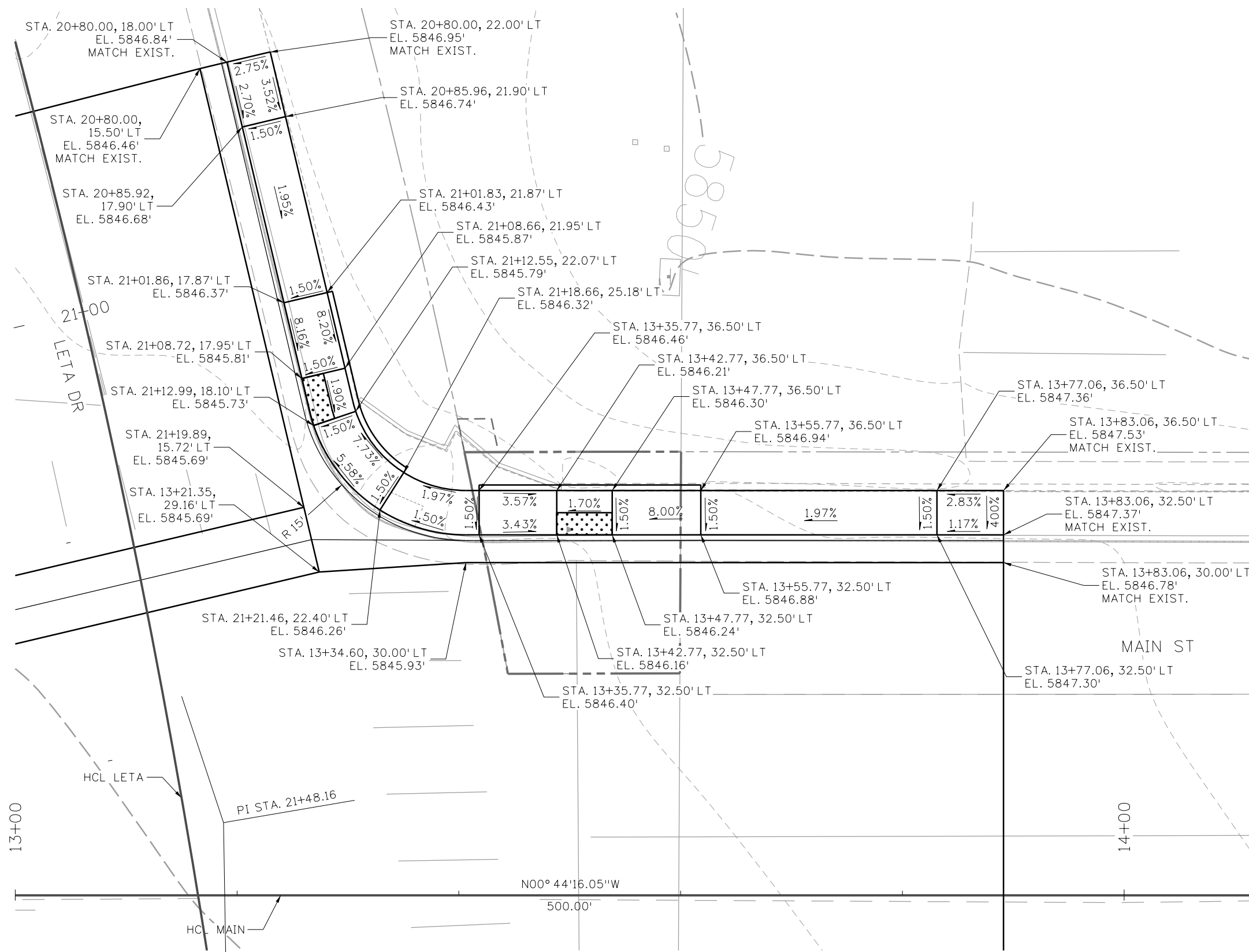


As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2 ROADWAY INTERSECTION DETAILS MAIN ST AND LETA DR (1 OF 4)			
Designer:	JLERNER	Structure	
Detailer:	GPRINCE	Numbers	
Sheet Subset:	MSLE	Subset Sheets:	5 of 14

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>37</b>





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All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
File Name: 25188_RDY_DTL-01-MAIN-LETA.dgn
Horiz. Scale: Vert. Scale: As Noted
Unit Information
<b>HR</b> 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.

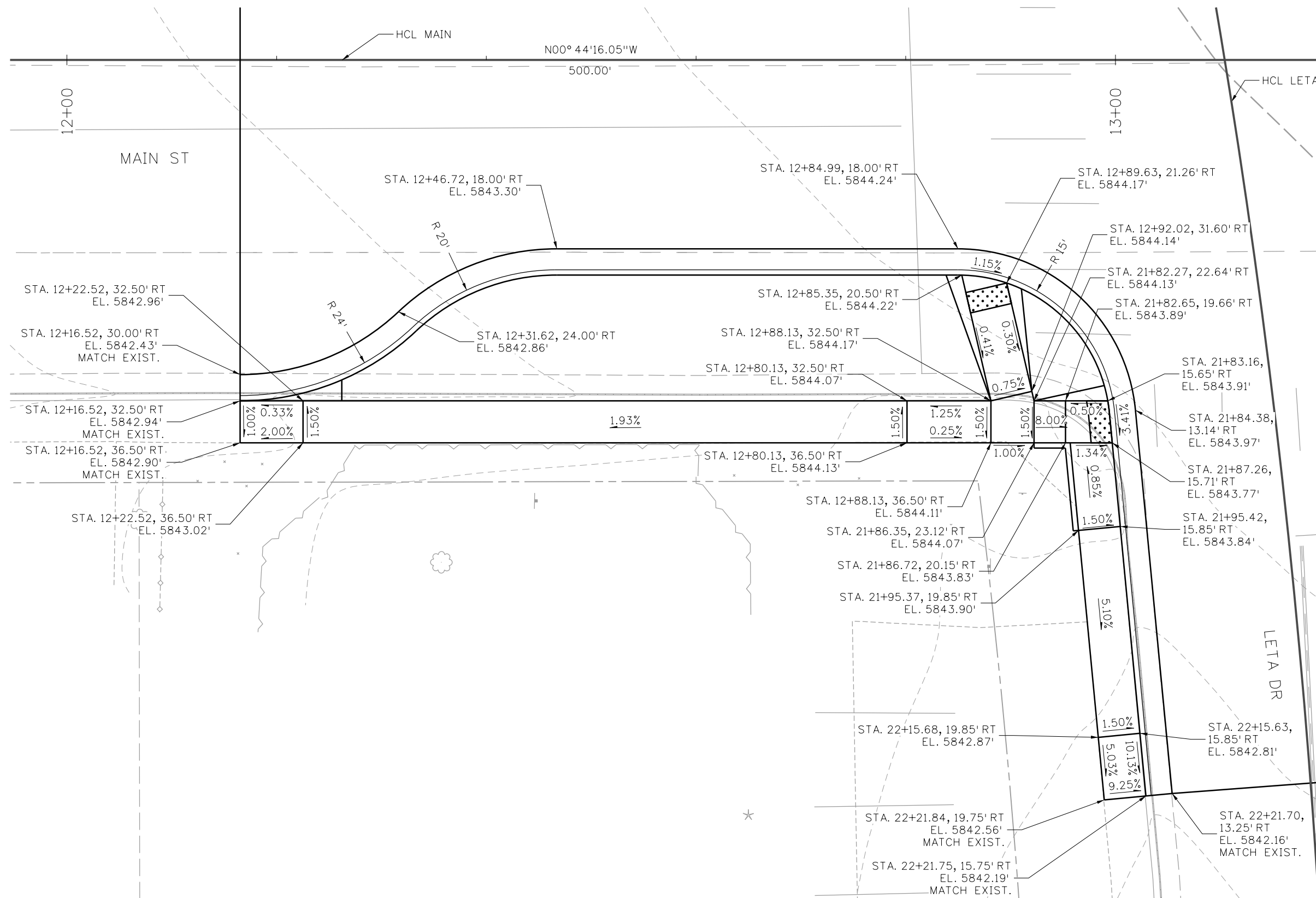


As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2 ROADWAY INTERSECTION DETAILS MAIN ST AND LETA DR (2 OF 4)			
Designer:	JLERNER	Structure Numbers	
Detailer:	GPRINCE		
Sheet Subset:	MSLE	Subset Sheets:	6 of 14

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>38</b>





JLERNER 3:05:05 PM pwr:\pwhdruscen01:HDR\_US\_Central\_01\Documents\EL\_Paso\_County\_CD\EL\_Paso\_Pedestrian\_Crossings\6.0\_CAD\_BIM\6.2\_WIP\25188\_Roadway\_Sheets\Package 2\_DetailSheets\_Main Street and Leta Drive

All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
File Name: 25188_RDY_DTL-01-MAIN-LETA.dgn
Horiz. Scale:            Vert. Scale: As Noted
Unit Information
<b>HR</b> 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed
No Revisions:
Revised:
Void:

<b>PEDESTRIAN CROSSINGS PACKAGE 2 ROADWAY INTERSECTION DETAILS MAIN ST AND LETA DR (4 OF 4)</b>			
Designer:	JLERNER	Structure	
Detailer:	GPRINCE	Numbers	
Sheet Subset:	MSLE	Subset Sheets:	8 of 14

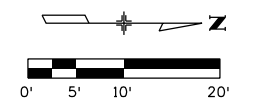
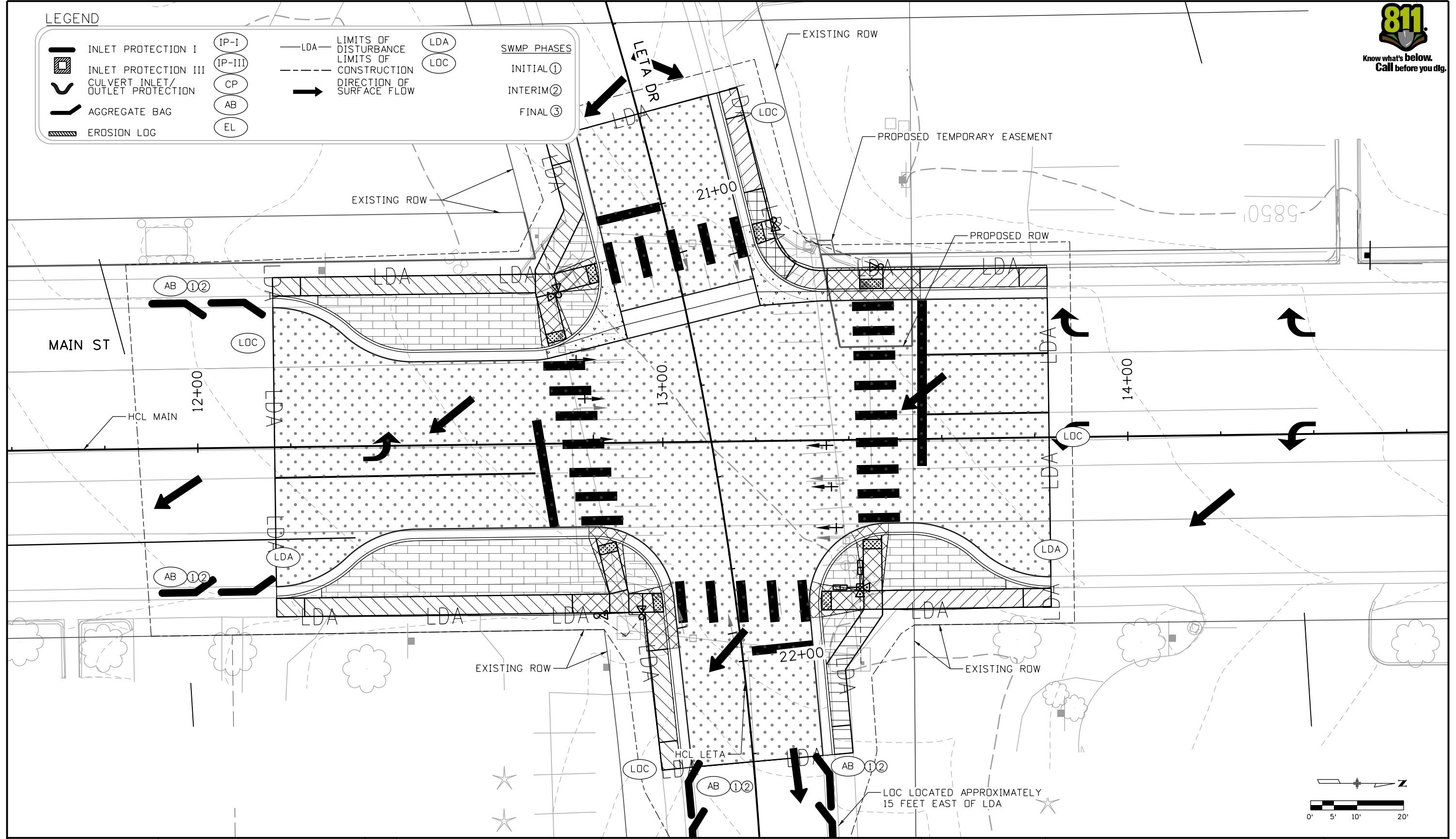
Project No./Code	RFP-24-007
	26666
Sheet Number	<b>40</b>

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**LEGEND**

	INLET PROTECTION I		IP-I		LIMITS OF DISTURBANCE		LDA		SWMP PHASES
	INLET PROTECTION III		IP-III		LIMITS OF CONSTRUCTION		LDA		INITIAL ①
	CULVERT INLET/OUTLET PROTECTION		CP		DIRECTION OF SURFACE FLOW		→		INTERIM ②
	AGGREGATE BAG		AB				LDA		FINAL ③
	EROSION LOG		EL				LDA		



All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_SWMP-01-MAIN-LETA.dgn  
 Horiz. Scale:      Vert. Scale: As Noted  
 Unit Information  
 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



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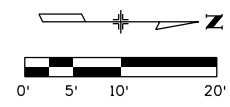
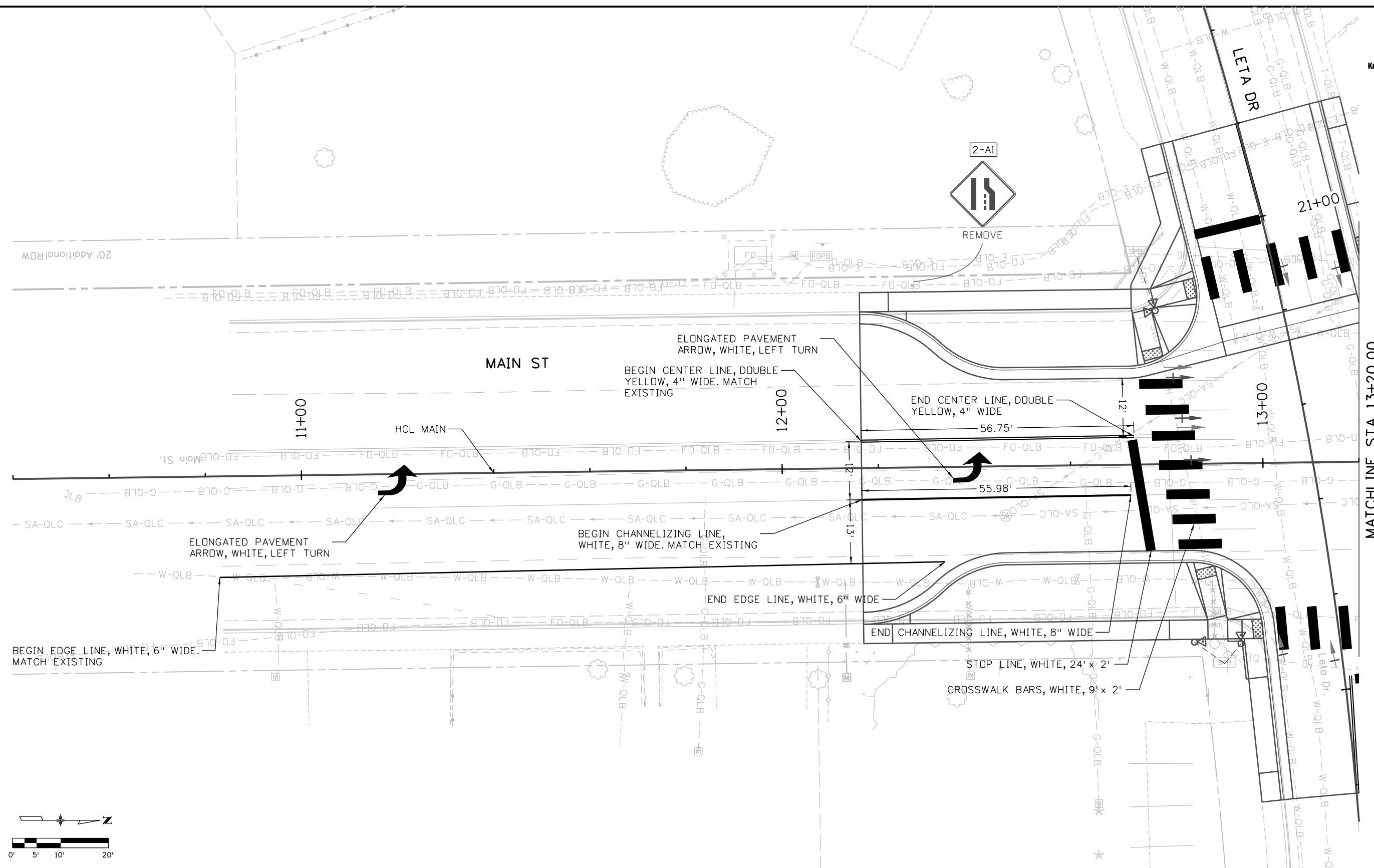
PEDESTRIAN CROSSINGS PACKAGE 2			
SWMP PLAN			
MAIN ST AND LETA DR			
Designer:	SACOSTA	Structure Numbers	
Detailer:	CBURLISON		
Sheet Subset:	MSLE	Subset Sheets:	9 of 14

Project No./Code  
 RFP-24-007  
 26666  
 Sheet Number **41**



Know what's below. Call before you dig.

J:\ELP\3:05:43 PM pwr:\pwr\druscen01:HDR\_US\_Central\_01\Documents\El\_Paso\_County\_CD\El\_Paso\_County\_Pedestrian\_Crossings\6\_O\_CAD\_BIM\6.2\_WIP\25188\_Traffic\ITS\Sheets\25188\_TRF\_PLN-SS-P2.dgn



All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
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Horiz. Scale: 1"=XX'    Vert. Scale: As Noted
Unit Information
5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

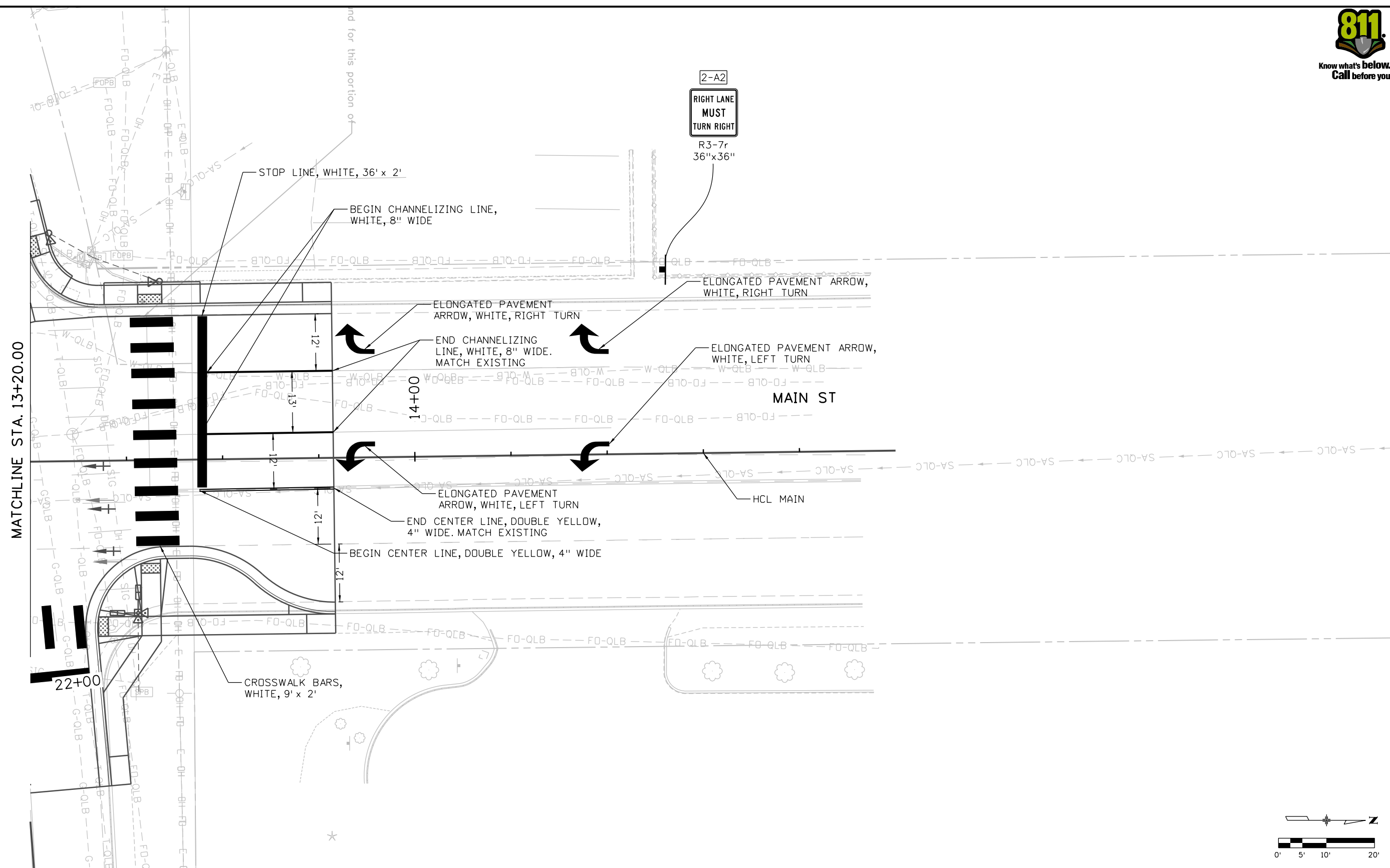
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Date:	Comments	Init.



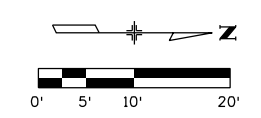
As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2 SIGNING AND STRIPING MAIN ST AND LETA DR 1			
Designer:	GBAKER	Structure Numbers	
Detailer:	JOTTS		
Sheet Subset:	MSLE	Subset Sheets:	10 of 14


Project No./Code
RFP-24-007
26666
Sheet Number <b>42</b>



MATCHLINE STA. 13+20.00



All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_TRF\_PLN-SS-P2.dgn  
 Horiz. Scale: 1"=XX' Vert. Scale: As Noted  
 Unit Information  
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 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

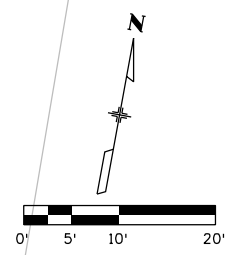
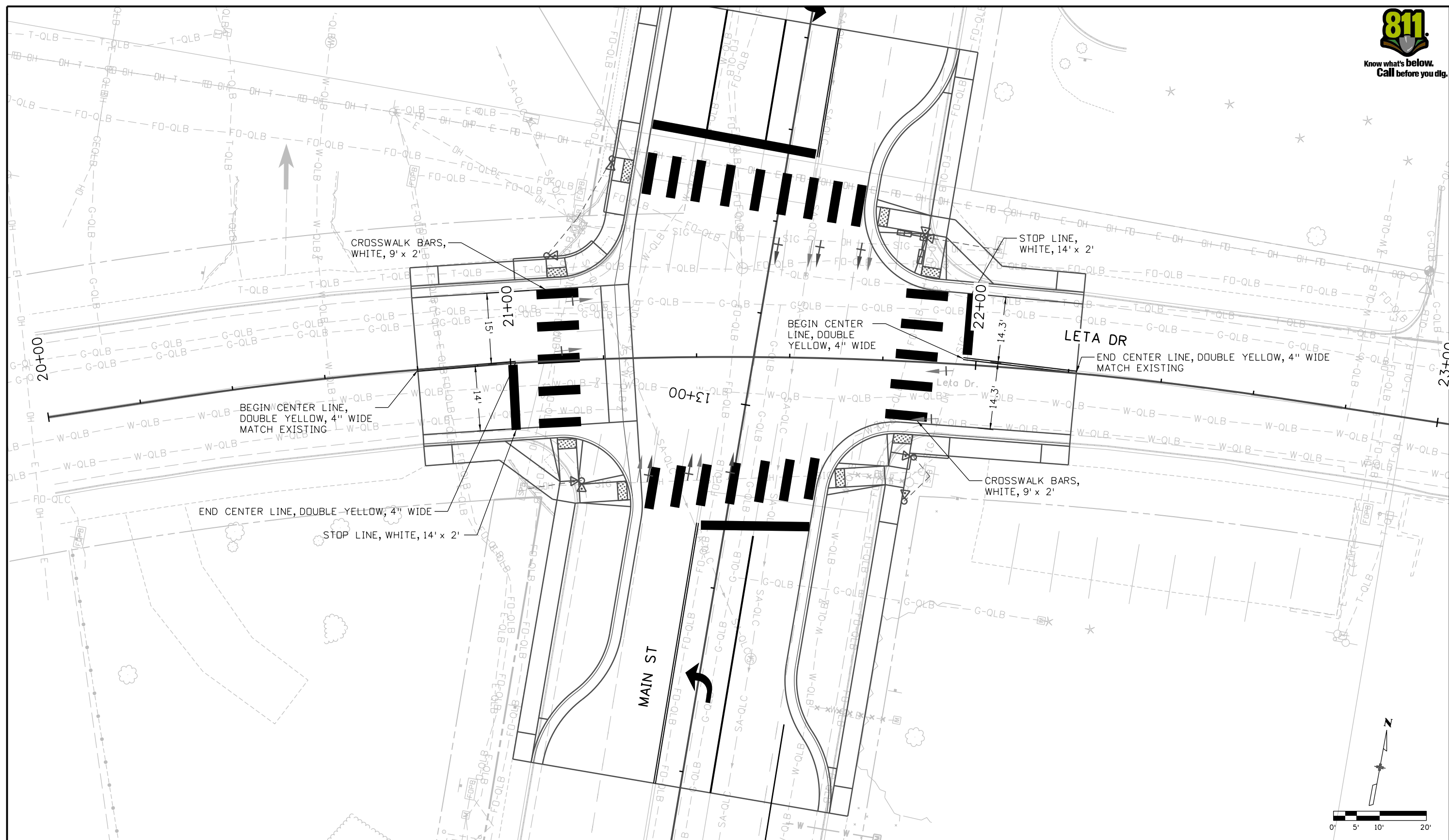
Sheet Revisions		
Date:	Comments	Init.



As Constructed
No Revisions:
Revised:
Void:


PEDESTRIAN CROSSINGS PACKAGE 2 SIGNING AND STRIPING MAIN ST AND LETA DR 2			
Designer:	GBAKER	Structure Numbers	
Detailer:	JOTTS		
Sheet Subset:	MSLE	Subset Sheets:	11 of 14

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>43</b>

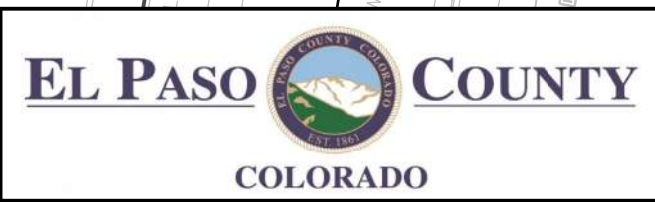


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All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
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 Unit Information  
 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed  
 No Revisions:  
 Revised:  
 Void:

**PEDESTRIAN CROSSINGS PACKAGE 2  
 SIGNING AND STRIPING  
 MAIN ST AND LETA DR 3**

Designer: GBAKER  
 Detailer: JOTTS  
 Sheet Subset: MSLE  
 Structure Numbers:  
 Subset Sheets: 12 of 14

Project No./Code  
 RFP-24-007  
 26666  
 Sheet Number **44**

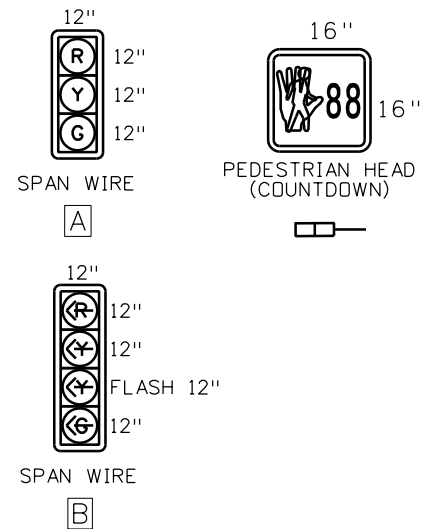


**NOTES**

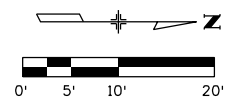
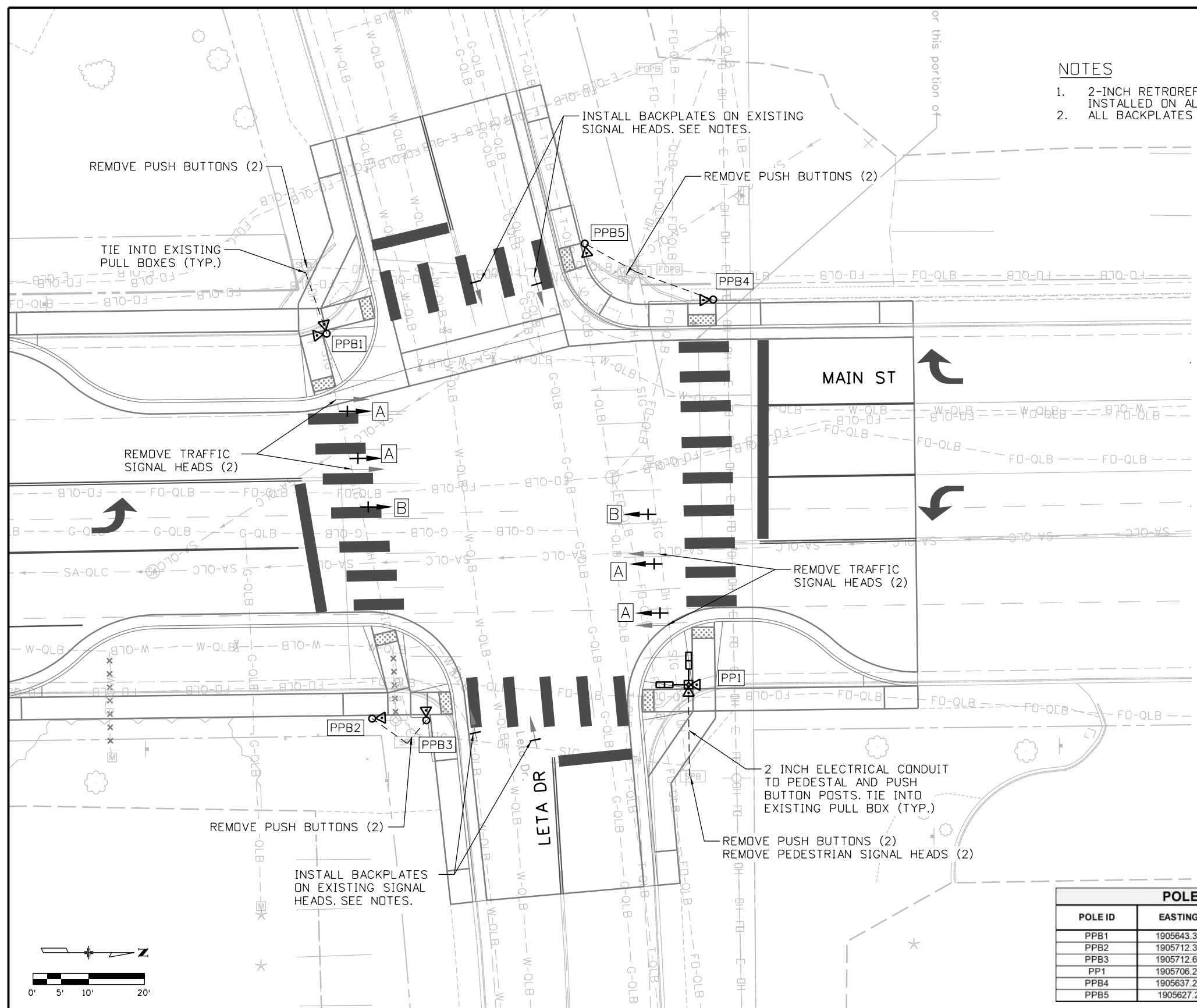
- 2-INCH RETROREFLECTIVE YELLOW BORDER TO BE INSTALLED ON ALL TRAFFIC SIGNAL BACKPLATES
- ALL BACKPLATES SHALL BE LOUVERED

**LEGEND**

- EXISTING SPAN WIRE POLE
- EXISTING SPAN WIRE
- EXISTING PULL BOX
- EXISTING CONTROLLER CABINET
- EXISTING SIGNAL POLE AND MAST ARM
- PULL BOX
- SIGNAL FACE WITH BACKPLATE
- SIGNAL FACE
- PEDESTRIAN SIGNAL FACE
- CONDUIT
- PEDESTAL POLE
- PUSH BUTTON & POLE
- LUMINAIRE
- CONTROLLER CABINET
- SIGNAL POLE AND MAST ARM
- SIGN PANEL



POLE SCHEDULE			
POLE ID	EASTING	NORTHING	CAISSON
PPB1	1905643.35	684981.02	18" x 2'
PPB2	1905712.31	684989.17	18" x 2'
PPB3	1905712.60	684998.87	18" x 2'
PP1	1905706.24	685045.82	18" x 3'
PPB4	1905637.24	685050.24	18" x 2'
PPB5	1905627.2	685027.24	18" x 2'



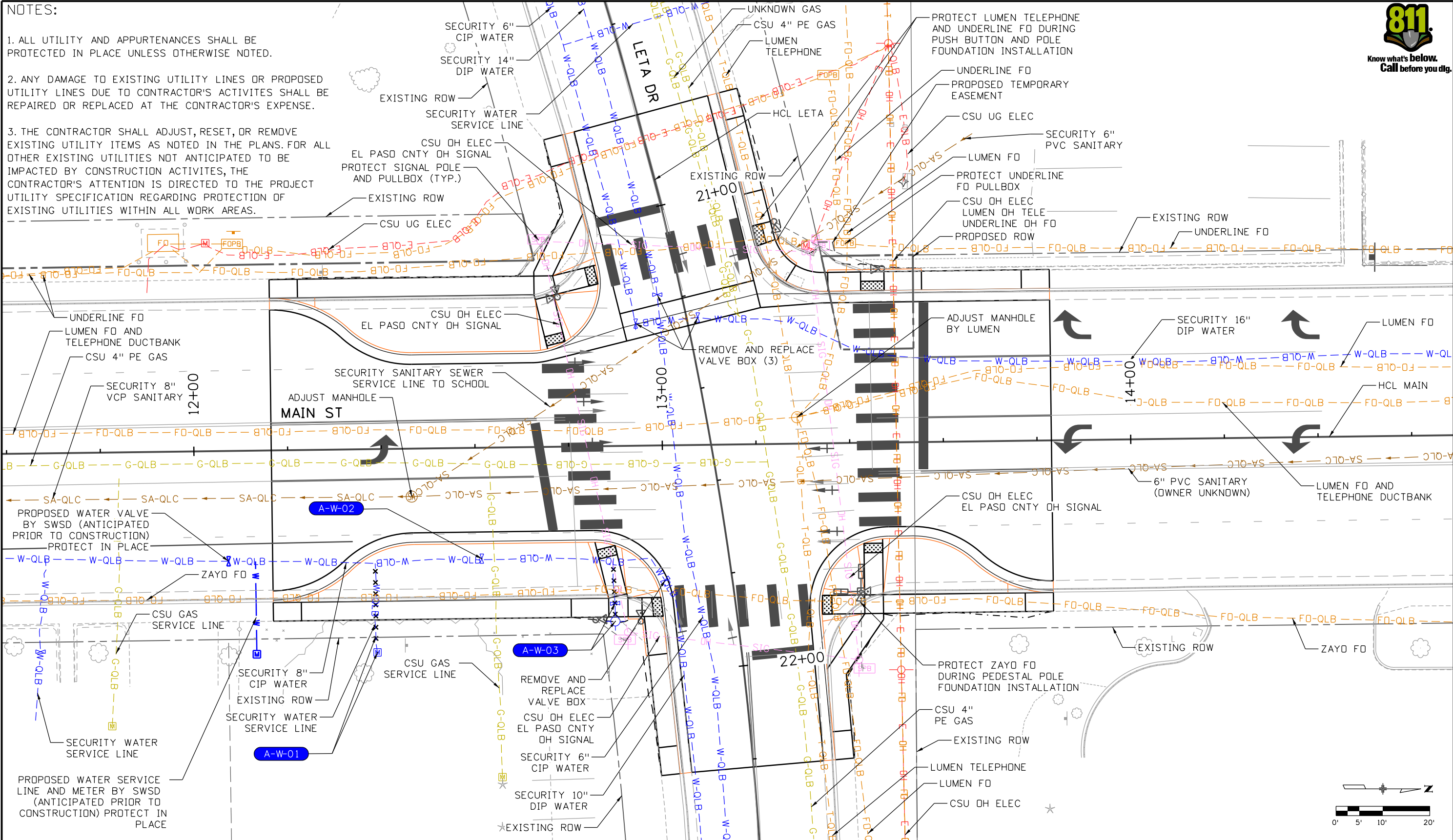
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All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/30/2025 File Name: 25188_TRF_PLN-SIG-P2.dgn Horiz. Scale: 1"=XX'    Vert. Scale: As Noted Unit Information 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800	<b>Sheet Revisions</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Date:</th> <th>Comments</th> <th>Init.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Date:	Comments	Init.											As Constructed No Revisions: Revised: Void:	<b>PEDESTRIAN CROSSINGS PACKAGE 2 TRAFFIC SIGNALS MAIN ST AND LETA DR</b>	Project No./Code RFP-24-007 26666 Sheet Number <b>45</b>
	Date:	Comments	Init.															
Designer: GBAKER    Structure Numbers: Detailer: JOTTS		Sheet Subset: MSLE    Subset Sheets: 13 of 14																



**NOTES:**

1. ALL UTILITY AND APPURTENANCES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
2. ANY DAMAGE TO EXISTING UTILITY LINES OR PROPOSED UTILITY LINES DUE TO CONTRACTOR'S ACTIVITES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
3. THE CONTRACTOR SHALL ADJUST, RESET, OR REMOVE EXISTING UTILITY ITEMS AS NOTED IN THE PLANS. FOR ALL OTHER EXISTING UTILITIES NOT ANTICIPATED TO BE IMPACTED BY CONSTRUCTION ACTIVITES, THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PROJECT UTILITY SPECIFICATION REGARDING PROTECTION OF EXISTING UTILITIES WITHIN ALL WORK AREAS.



JLERNER 3:06:19 PM p:\pwhruscen01\HDR\_US\_Central\_01\Documents\EL\_Paso\_County\_Pedestrian\_Crossings\Package 2\Plan Sheets Main Street and Leta Drive

All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
File Name: 25188_UTL_PLN-01-MAIN-LETA.dgn
Horiz. Scale: Vert. Scale: As Noted
Unit Information
<b>HDR</b> 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



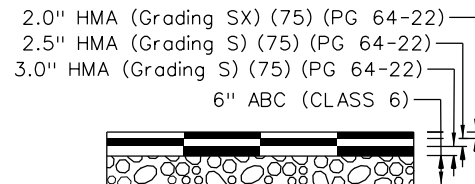
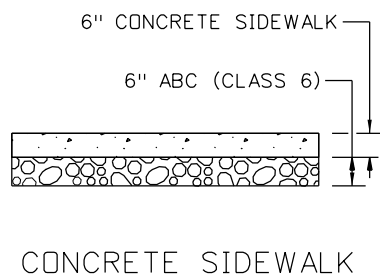
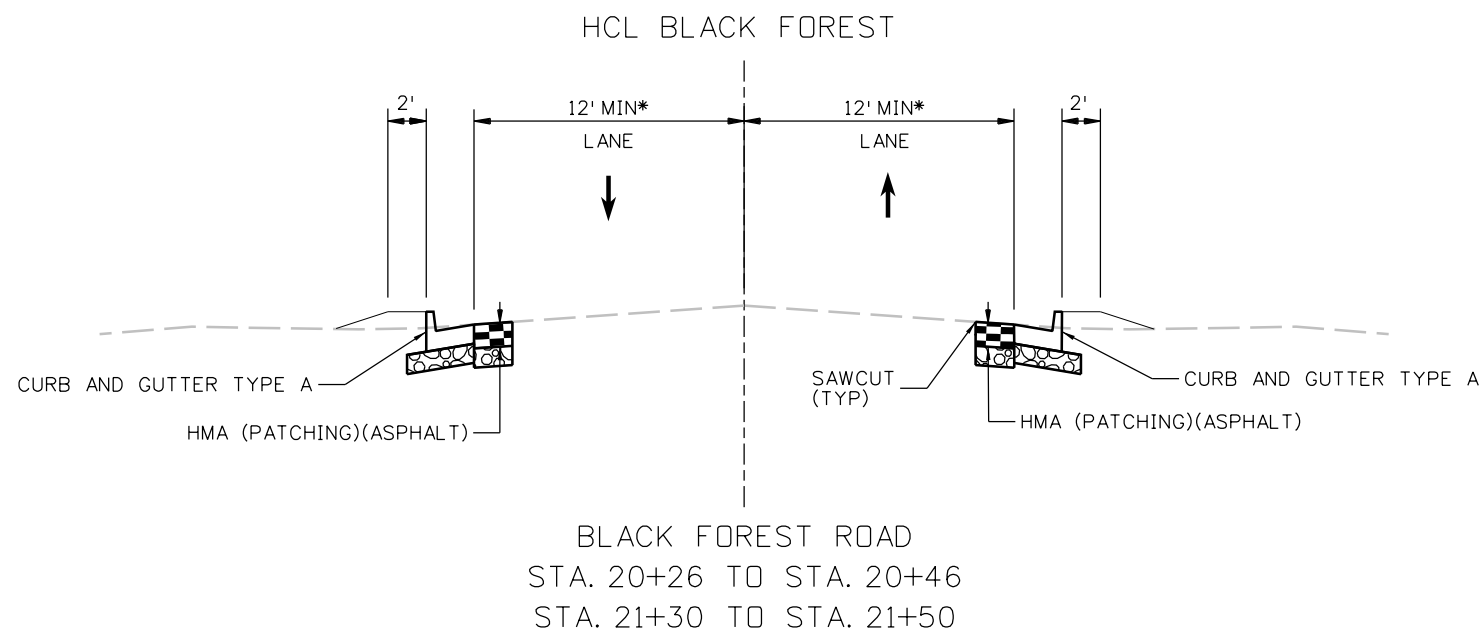
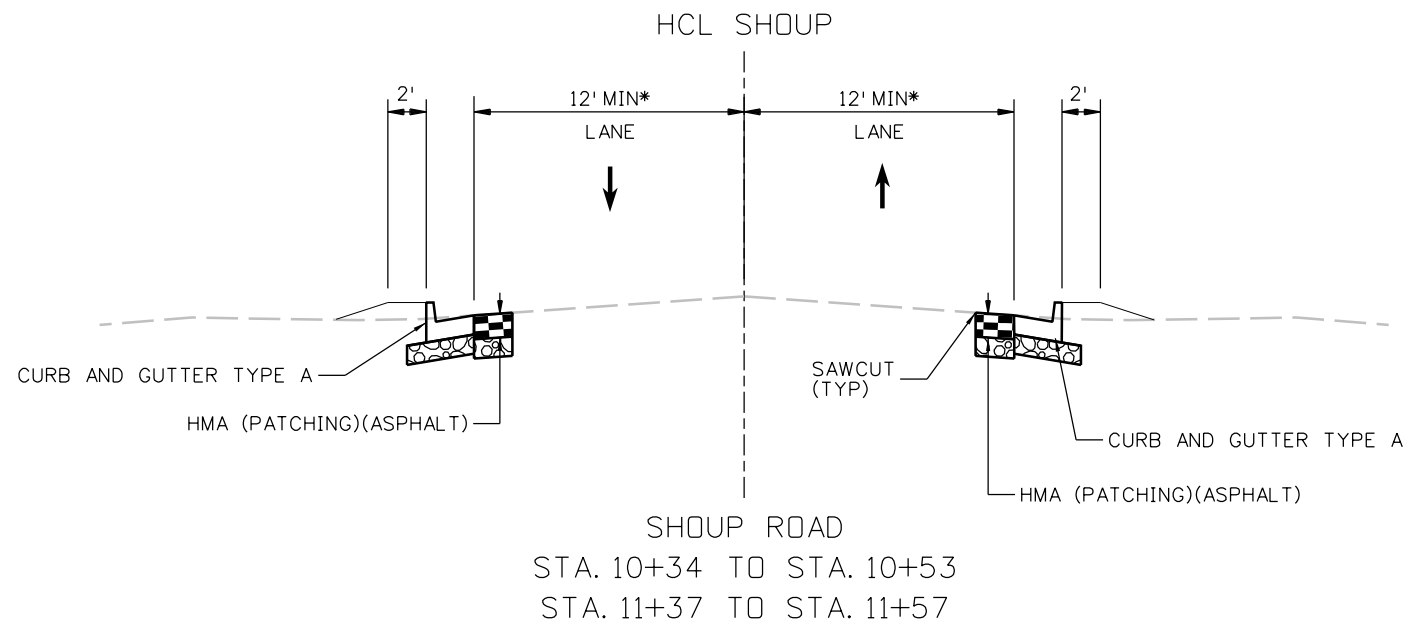
As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2 UTILITY PLAN MAIN ST AND LETA DR			
Designer:	JVESTAD	Structure Numbers	
Detailer:	ECARDOSO		
Sheet Subset:	MSLE	Subset Sheets:	14 of 14

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>46</b>

**NOTES:**

1. TYPICAL SECTIONS ARE REPRESENTATIVE ONLY. PLAN SHEETS ARE TO BE USED FOR CONSTRUCTION.
  2. BREAK POINT ON SLOPES SHALL BE ROUNDED DURING CONSTRUCTION.
  3. SAWCUT 2 FT FROM PROPOSED EDGE OF PAVEMENT UNLESS STATED OTHERWISE.
- \* = MATCH EXISTING LANE WIDTH.



HMA PATCHING WITH ABC

All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
File Name: 25188_RDY_TYP-02-BFDR-SHUP.dgn
Horiz. Scale:      Vert. Scale: As Noted
Unit Information
5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

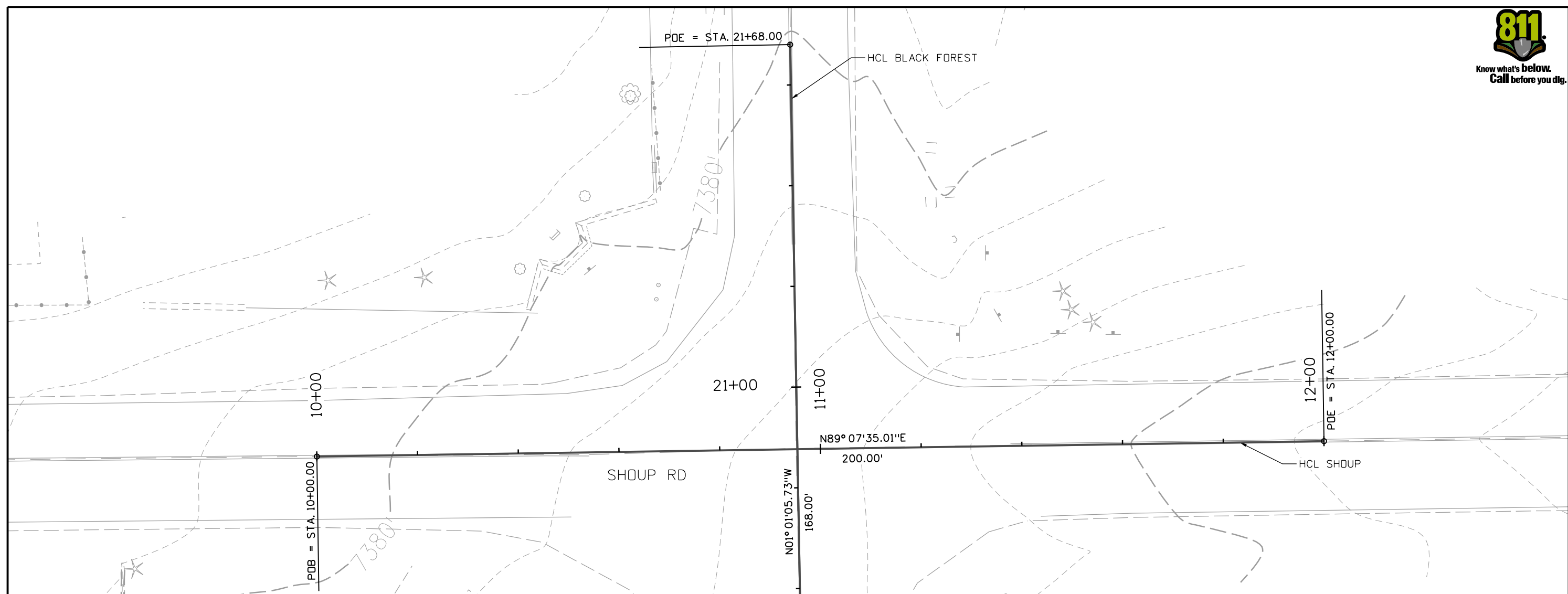
Sheet Revisions		
Date:	Comments	Init.



As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2 TYPICAL SECTIONS BLACK FOREST RD AND SHOUP RD		
Designer: JLERNER	Structure Numbers	
Detailer: XREYNQDLS		
Sheet Subset: BFSH	Subset Sheets: 1 of 10	

Project No./Code	RFP-24-007
	26666
Sheet Number	47



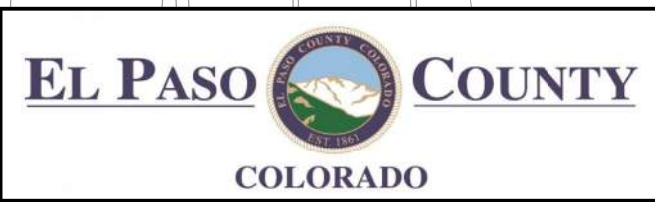
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<b>Description:</b> Shoup Road (Black Forest Road and Shoup Road)							
<b>Alignment Style:</b> Alignment\Proposed Alignment							
START	10+00.00	774892.55	1915844.12				
					200.00		N89°07'35"E
END	12+00.00	774895.60	1916044.09				

Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Direction
<b>Alignment Name:</b> ALG_BLACK FOREST							
<b>Description:</b> Black Forest Road (Black Forest Road and Shoup Road)							
<b>Alignment Style:</b> Alignment\Proposed Alignment							
START	20+00.00	774806.36	1915941.09				
					168.00		N01°01'06"W
END	21+68.00	774974.33	1915938.10				

All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_RDY\_GEO-02-BFOR-SHUP.dgn  
 Horiz. Scale: Vert. Scale: As Noted  
 Unit Information  
 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2 GEOMETRIC LAYOUT BLACK FOREST RD AND SHOUP RD			
Designer:	JLERNER	Structure Numbers	
Detailer:	GPRINCE		
Sheet Subset:	BFSH	Subset Sheets:	2 of 10

Project No./Code	RFP-24-007
	26666
Sheet Number	48

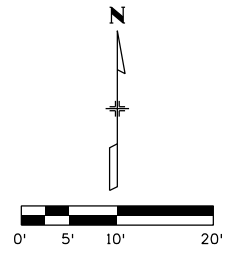
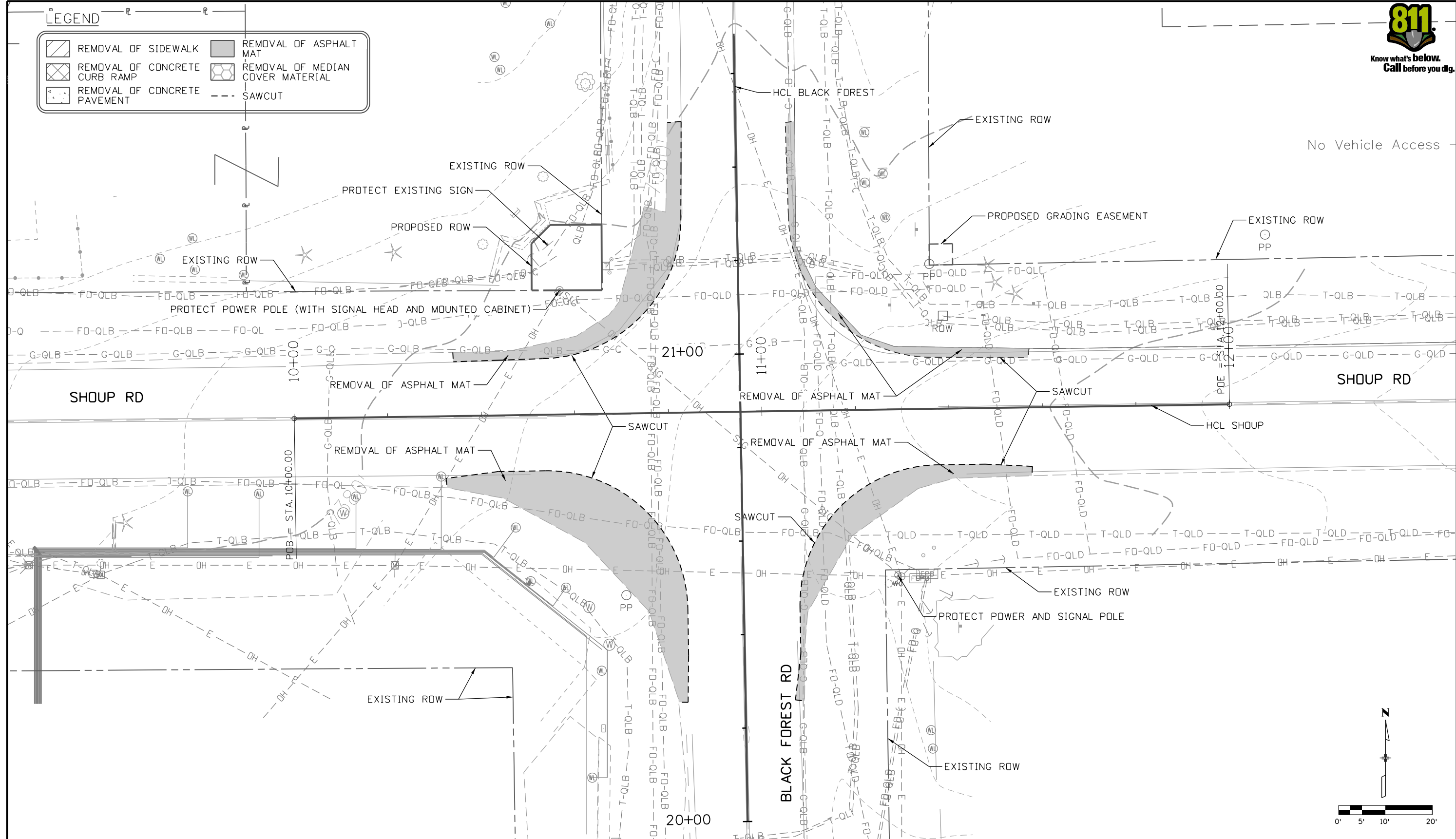
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JLERNER 3:07:09 PM pwr:\pwhdruscen01:hDR\_US\_Central\_01\Documents\EL\_Paso\_County\_CD\EL\_Paso\_County\_Crossings\6.0\_CAD\_BIM\6.2\_WIP\25188\_Roadway\_Sheets\Package 2\Removal Sheets\Black Forest Road and Shoup Road



**LEGEND**

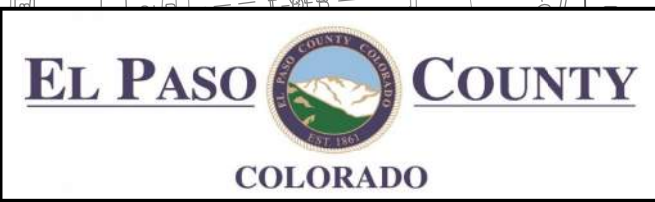
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	REMOVAL OF CONCRETE CURB RAMP		REMOVAL OF MEDIAN COVER MATERIAL
	REMOVAL OF CONCRETE PAVEMENT		SAWCUT



All seals for this set of drawings are applied to the cover page(s)

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Horiz. Scale:                      Vert. Scale: As Noted
Unit Information
5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



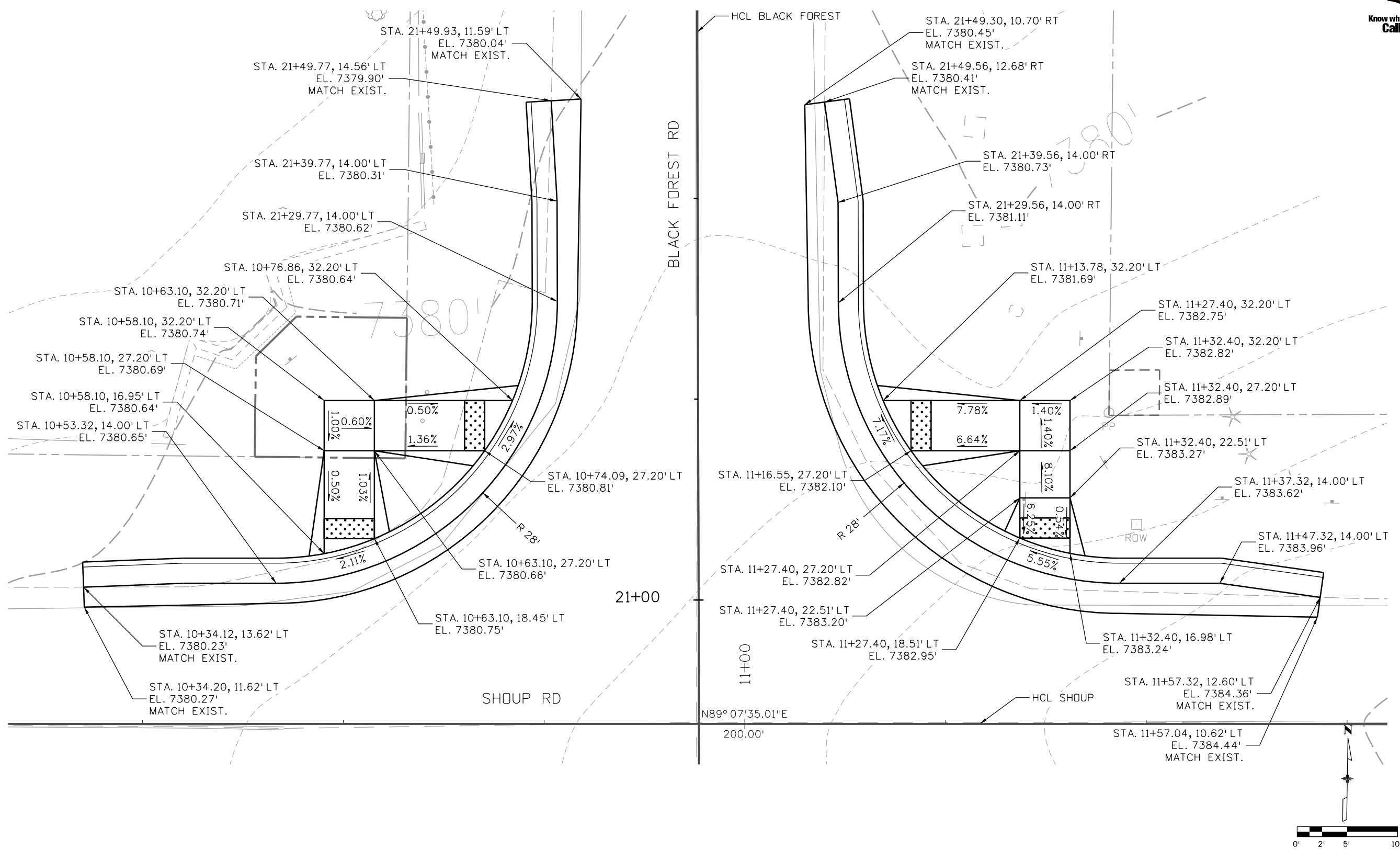
As Constructed
No Revisions:
Revised:
Void:

<b>PEDESTRIAN CROSSINGS PACKAGE 2</b>			
<b>ROADWAY REMOVAL PLAN</b>			
<b>BLACK FOREST RD AND SHOUP RD</b>			
Designer:	JLERNER	Structure Numbers	
Detailer:	XREYNQDLS		
Sheet Subset:	BFSH	Subset Sheets:	3 of 10

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>49</b>



JLERNER 3:07:42 PM D:\p\hudson01\HDR\_US\_Central\_01\Documents\EL\_Paso\_County\_CD\EL\_Paso\_Pedestrian\_Crossings\6\_0\_CAD\_BIM\6.2\_WIP\25188\_Roadway\_Sheets\Package 2\Detail Sheets\Black Forest Road and Shoup Road



All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
File Name: 25188_RDY_DTL-02-BFOR-SHUP.dgn
Horiz. Scale: Vert. Scale: As Noted
Unit Information
<b>HR</b> 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2 ROADWAY INTERSECTION DETAILS BLACK FOREST AND SHOUP (1 OF 2)			
Designer:	JLERNER	Structure Numbers	
Detailer:	JLERNER		
Sheet Subset:	BFSH	Subset Sheets:	5 of 10

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>51</b>

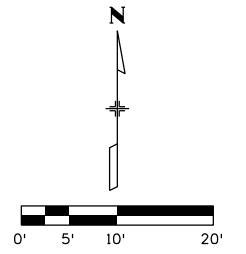
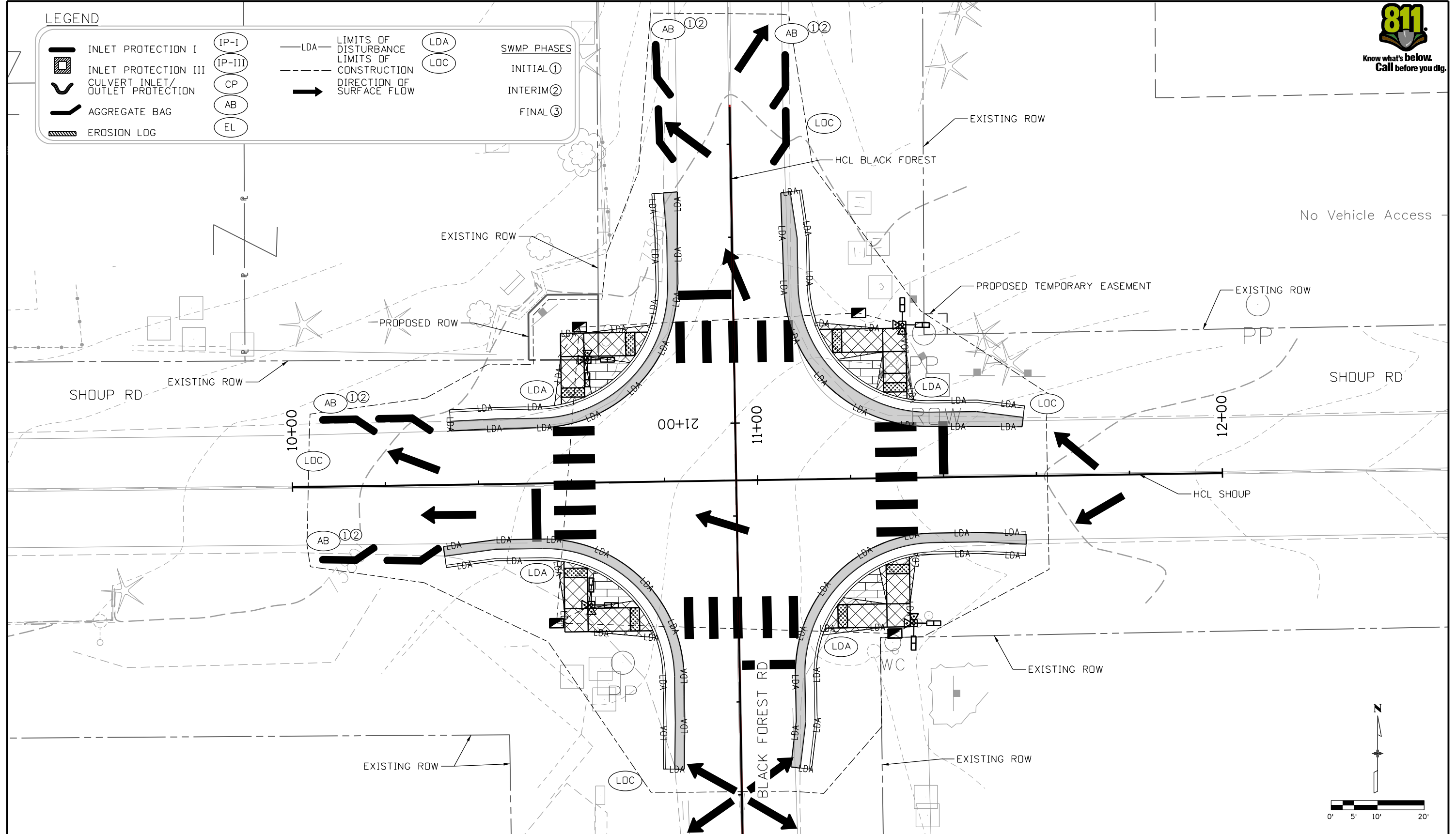


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**LEGEND**

	INLET PROTECTION I		IP-I		LIMITS OF DISTURBANCE		LDA		SWMP PHASES
	INLET PROTECTION III		IP-III		LIMITS OF CONSTRUCTION		LDA		INITIAL ①
	CULVERT INLET/OUTLET PROTECTION		CP		DIRECTION OF SURFACE FLOW		→		INTERIM ②
	AGGREGATE BAG		AB		LIMITS OF DISTURBANCE		LDA		FINAL ③
	EROSION LOG		EL		LIMITS OF DISTURBANCE		LDA		LDA
					LIMITS OF DISTURBANCE		LDA		LDA



All seals for this set of drawings are applied to the cover page(s)

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File Name: 25188_SWMP-02-BFQR-SHUP.dgn
Horiz. Scale: Vert. Scale: As Noted
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5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



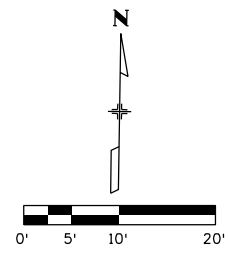
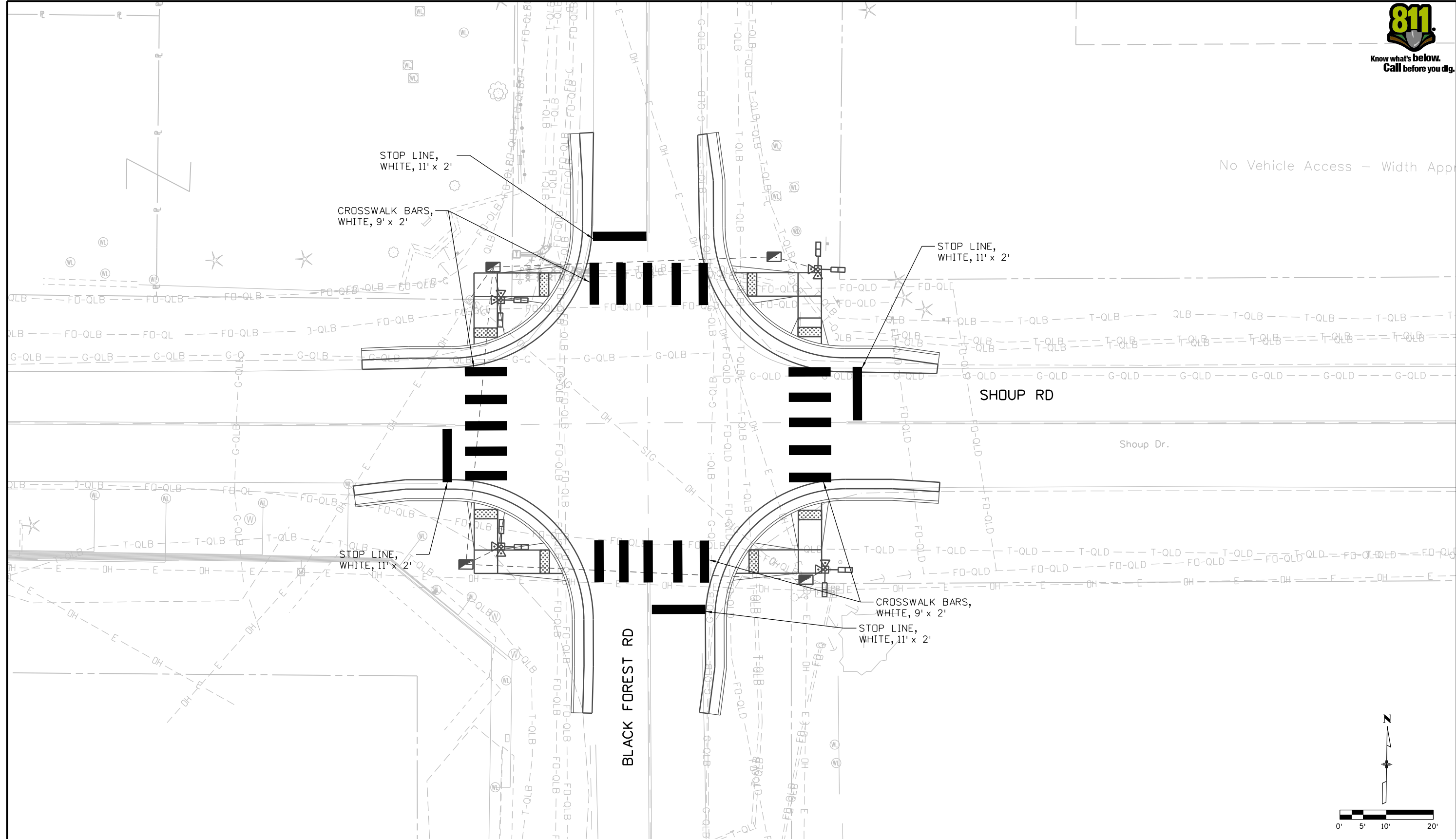
As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2			
SWMP PLAN			
BLACK FOREST RD AND SHOUP RD			
Designer:	SACOSTA	Structure Numbers	
Detailer:	CBURLISON		
Sheet Subset:	BFSH	Subset Sheets:	7 of 10

Project No./Code	RFP-24-007
	26666
Sheet Number	53




No Vehicle Access - Width App



JLERNER 3:08:15 PM p:\p\hndruscen01\HDR\_US\_Central\_01\Documents\El\_Paso\_County\_Pedestrian\_Crossings\6.0\_CAD\_BIM\6.2\_WIP\25188\_Traffic\_ITSSheets\25188\_TRF\_PLN-SS-P3.dgn

All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_TRF\_PLN-SS-P3.dgn  
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 Unit Information  
 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2 SIGNING AND STRIPING BLACK FOREST RD AND SHOUP RD			
Designer:	GBAKER	Structure Numbers	
Detailer:	JOTTS		
Sheet Subset:	BFSH	Subset Sheets:	8 of 10

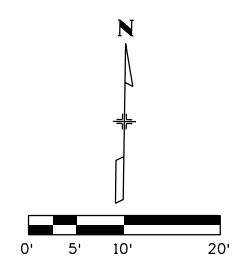
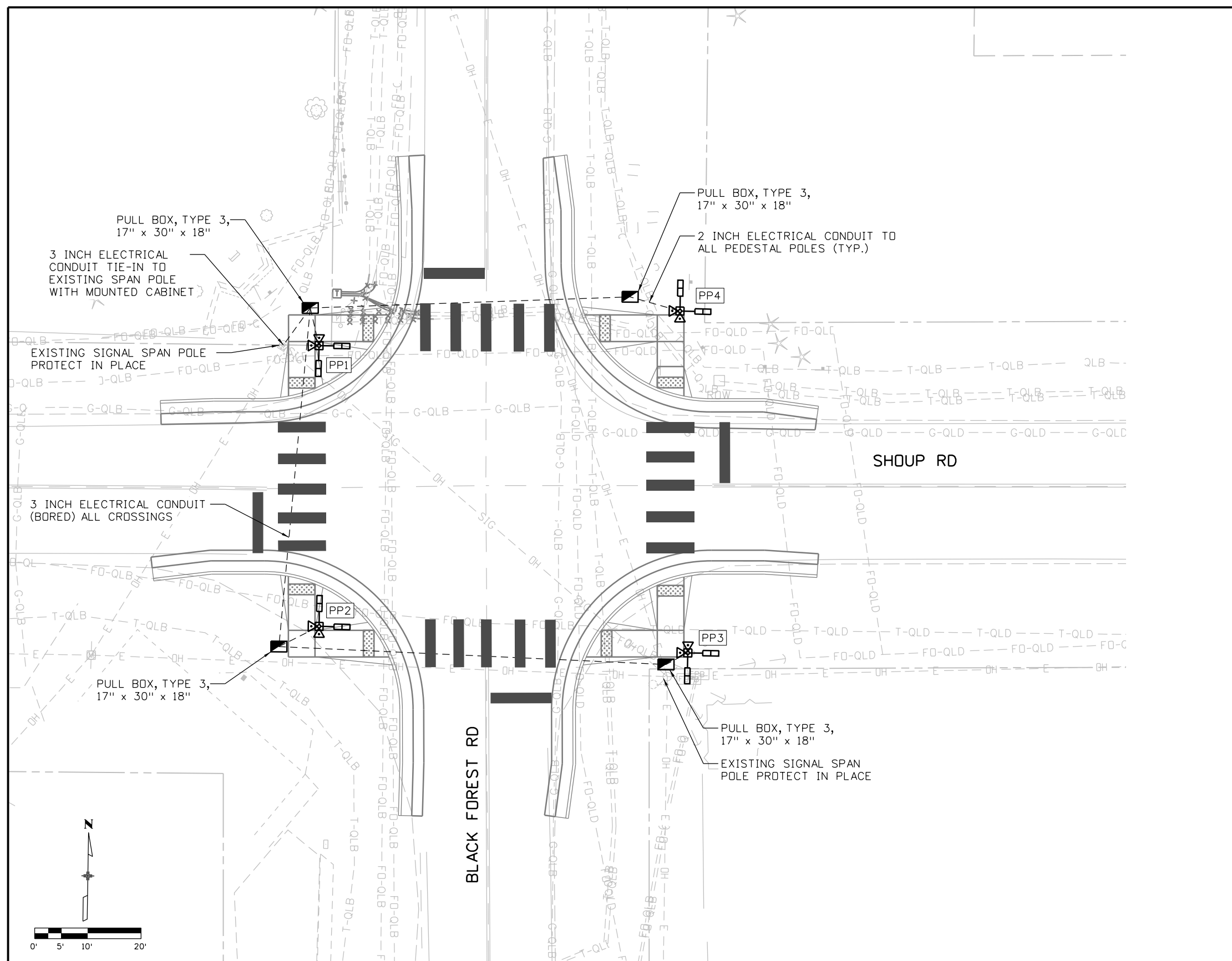
Project No./Code	RFP-24-007
	26667
Sheet Number	<b>54</b>



**LEGEND**

- EXISTING SPAN WIRE POLE
- OH EXISTING SPAN WIRE
- EXISTING PULL BOX
- EXISTING CONTROLLER CABINET
- EXISTING SIGNAL POLE AND MAST ARM
- PULL BOX
- SIGNAL FACE WITH BACKPLATE
- SIGNAL FACE
- PEDESTRIAN SIGNAL FACE
- CONDUIT
- PEDESTAL POLE
- PUSH BUTTON & POLE
- LUMINAIRE
- CONTROLLER CABINET
- SIGNAL POLE AND MAST ARM
- SIGN PANEL

POLE SCHEDULE			
POLE ID	EASTING	NORTHING	CAISSON
PP1	1915907.54	774919.96	18" x 3'
PP2	1915908.37	774867.20	18" x 3'
PP3	1915977.71	774863.29	18" x 3'
PP4	1915975.24	774927.49	18" x 3'



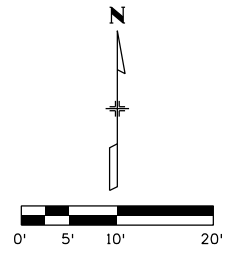
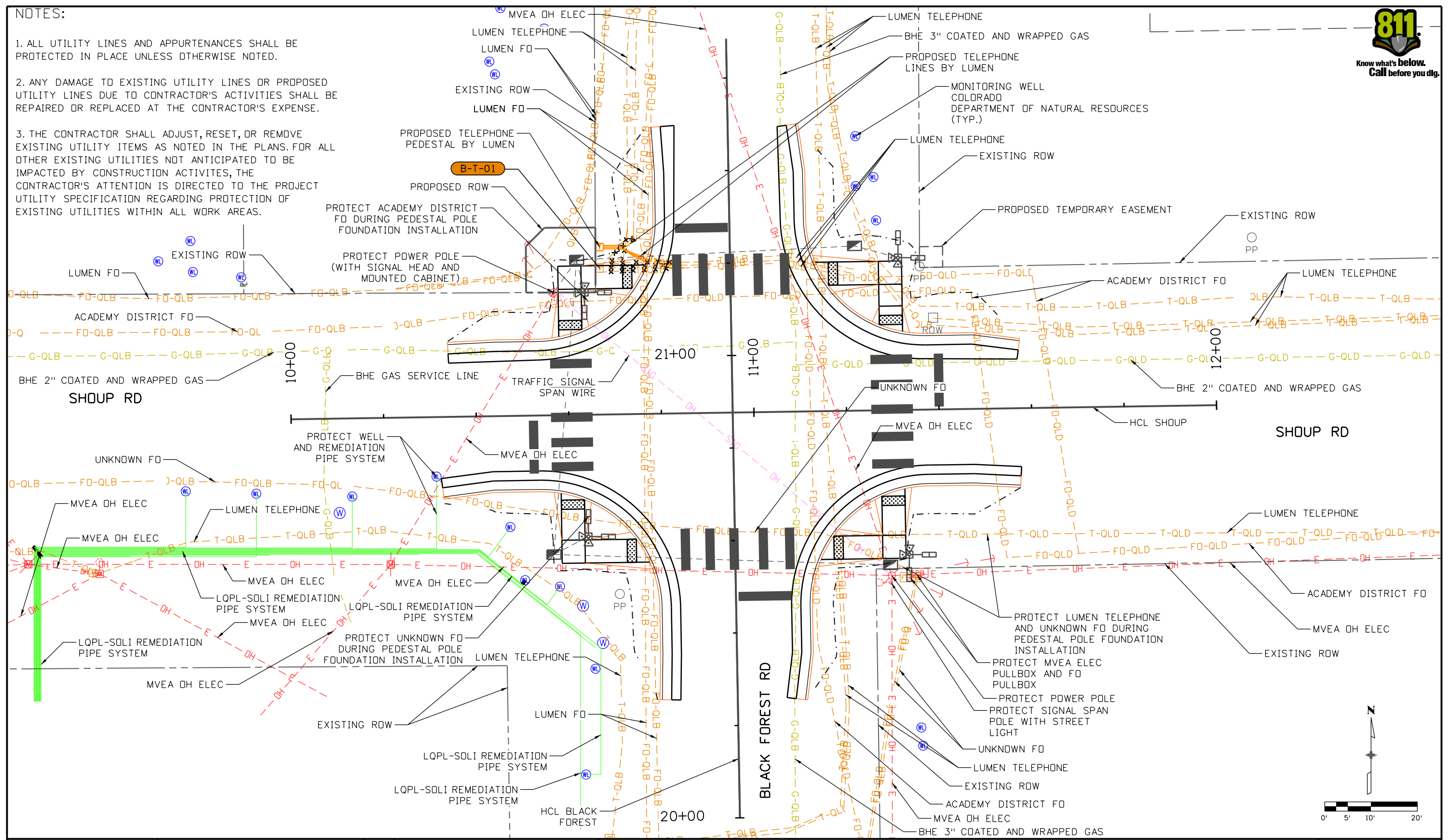
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All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/30/2025 File Name: 25188_TRF_PLN-SIG-P3.dgn Horiz. Scale: 1"=XX'    Vert. Scale: As Noted Unit Information 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">Sheet Revisions</th> </tr> <tr> <th>Date:</th> <th>Comments</th> <th>Init.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Sheet Revisions			Date:	Comments	Init.											As Constructed No Revisions: Revised: Void:	<b>PEDESTRIAN CROSSINGS PACKAGE 2 TRAFFIC SIGNALS BLACK FOREST RD AND SHOUP RD</b>	Project No./Code RFP-24-007 26667 Sheet Number <b>55</b>
	Sheet Revisions																				
	Date:	Comments	Init.																		
					Designer: GBAKER Detailer: JOTTS Sheet Subset: BFSH    Subset Sheets: 9 of 10																



**NOTES:**

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3. THE CONTRACTOR SHALL ADJUST, RESET, OR REMOVE EXISTING UTILITY ITEMS AS NOTED IN THE PLANS. FOR ALL OTHER EXISTING UTILITIES NOT ANTICIPATED TO BE IMPACTED BY CONSTRUCTION ACTIVITIES, THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PROJECT UTILITY SPECIFICATION REGARDING PROTECTION OF EXISTING UTILITIES WITHIN ALL WORK AREAS.



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All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
File Name: 25188_UTL_PLN-02-BFOR-SHUP.dgn
Horiz. Scale: Vert. Scale: As Noted
Unit Information
6501 E. BELLEVUE AVENUE, SUITE 300 ENGLEWOOD, CO 80111 (720) 259-9321

Sheet Revisions		
Date:	Comments	Init.

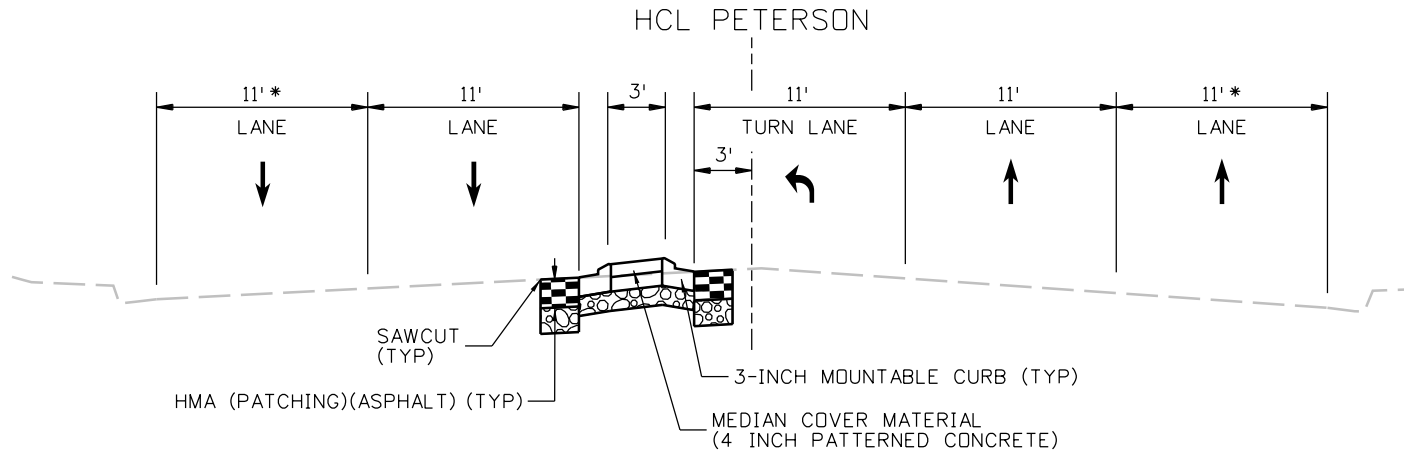


As Constructed
No Revisions:
Revised:
Void:

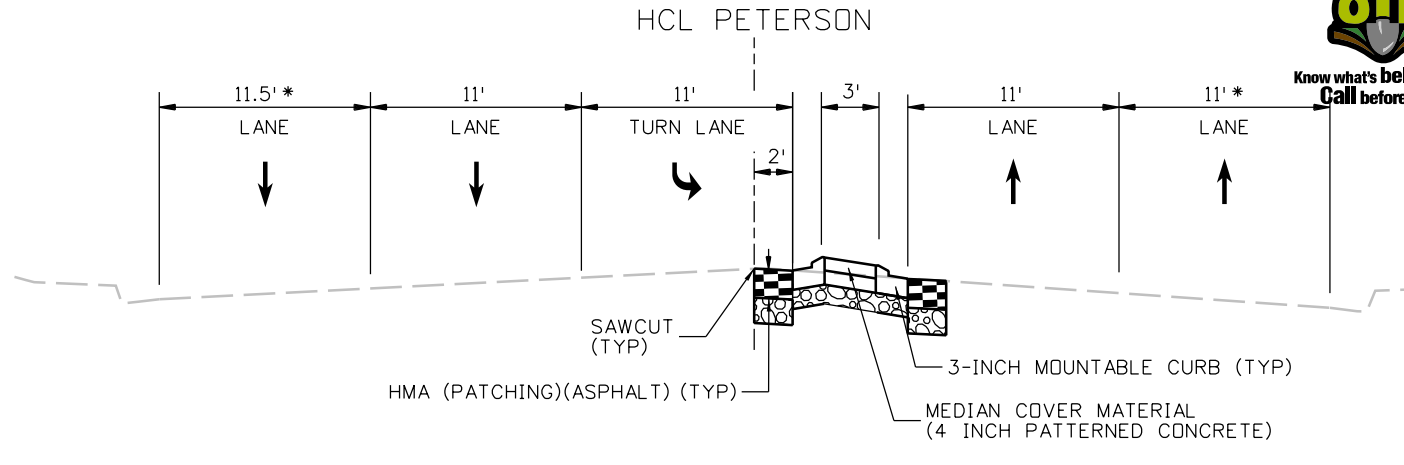
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Designer:	JVESTAD	Structure Numbers:	
Detailer:	ECARDDSO	Sheet Subset:	BFSH
		Subset Sheets:	10 of 10

Project No./Code	RFP-24-007
	26666
Sheet Number	56

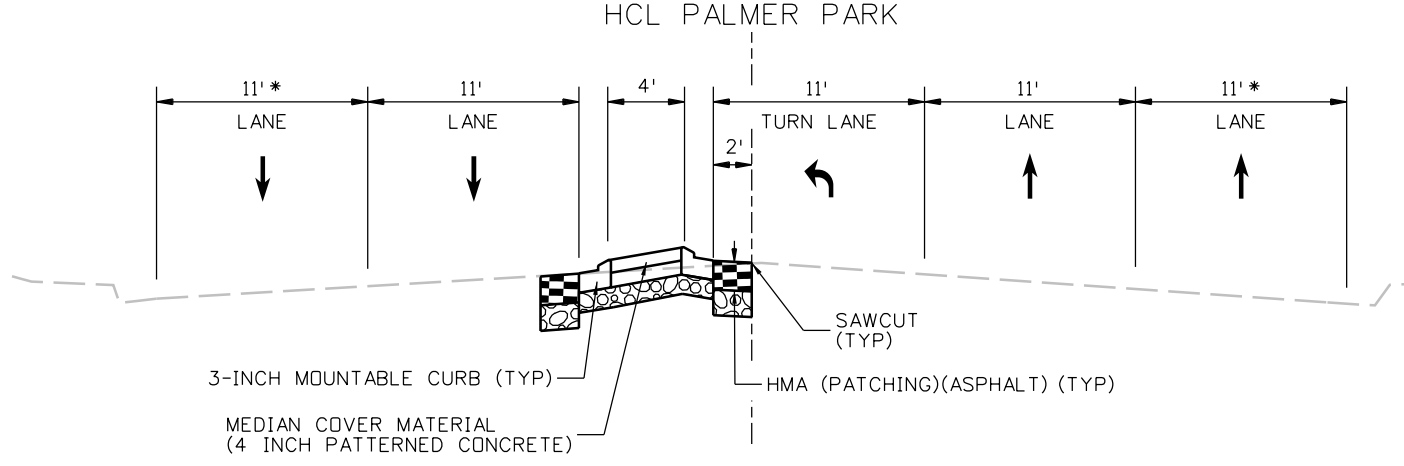
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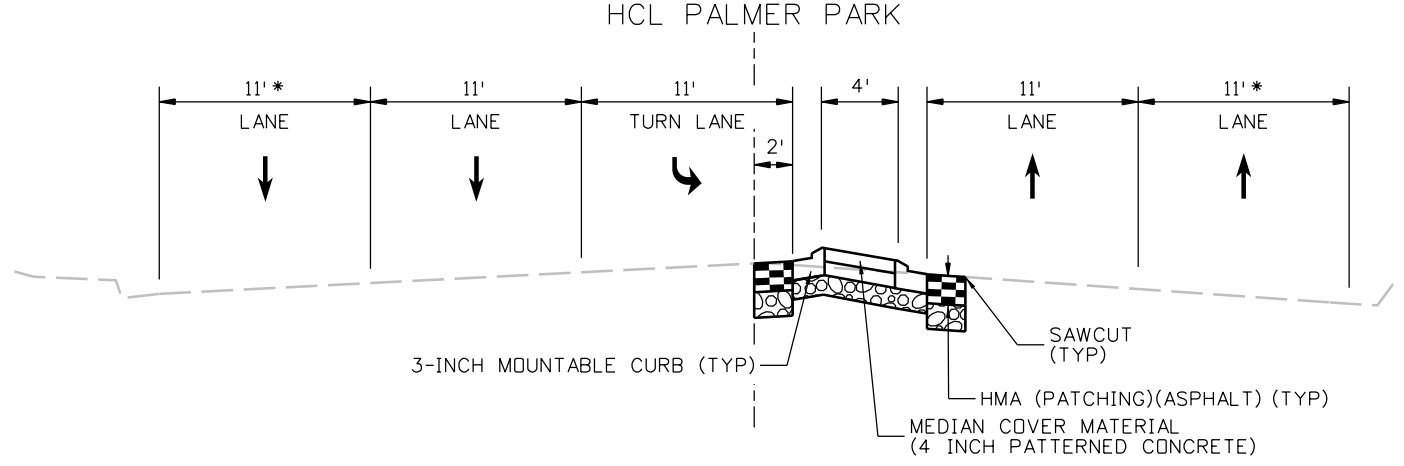
PETERSON ROAD  
STA. 10+70 TO STA. 11+15



PETERSON ROAD  
STA. 11+80 TO STA. 12+25

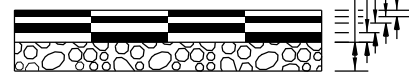


PALMER PARK BLVD  
STA. 20+70 TO STA. 21+19



PALMER PARK BLVD  
STA. 21+83 TO STA. 22+30

- 2.0" HMA (Grading SX) (75) (PG 64-22)
- 2.5" HMA (Grading S) (75) (PG 64-22)
- 2.5" HMA (Grading S) (75) (PG 64-22)
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- 8" ABC (CLASS 6)



HMA PATCHING WITH ABC

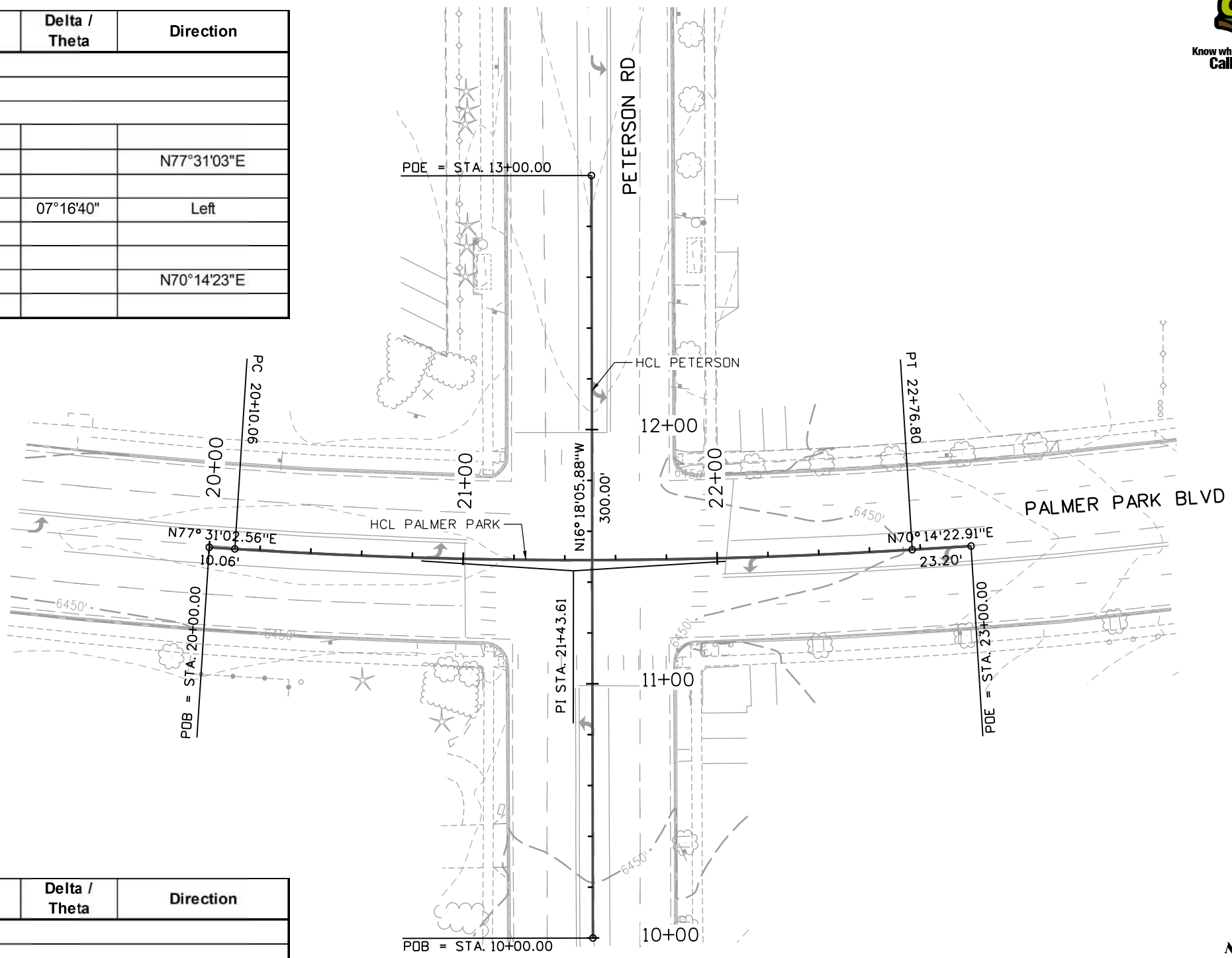
- NOTES:**
1. TYPICAL SECTIONS ARE REPRESENTATIVE ONLY. PLAN SHEETS ARE TO BE USED FOR CONSTRUCTION.
  2. BREAK POINT ON SLOPES SHALL BE ROUNDED DURING CONSTRUCTION.
  3. SAWCUT 2 FT FROM PROPOSED EDGE OF PAVEMENT UNLESS STATED OTHERWISE.
  4. PATCHING AREAS SHOULD MATCH THE CROSS SLOPE OF THE ADJACENT EXISTING PAVEMENT.
- \* = MATCH EXISTING LANE WIDTH.

All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/30/2025	Sheet Revisions				As Constructed		PEDESTRIAN CROSSINGS PACKAGE 2		Project No./Code
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	Horiz. Scale: Vert. Scale: As Noted					Revised:	Designer: JLERNER	Structure Numbers:		26666
	Unit Information					Void:	Detailer: XREYNOLDS	Subset Sheets: 1 of 12	Sheet Number 57	
5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800							Sheet Subset: PPRR			

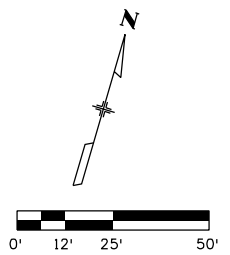
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Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Direction
<b>Alignment Name:</b> ALG_PALMER PARK							
<b>Description:</b> Palmer Park Blvd (Palmer Park Blvd and Peterson Road)							
<b>Alignment Style:</b> Alignment\Proposed Alignment							
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					10.06		N77°31'03"E
PC	20+10.06	718405.03	1916333.41				
HPI	21+43.61	718433.89	1916463.81	2100.00	266.74	07°16'40"	Left
CC		720455.39	1915879.51				
PT	22+76.80	718479.04	1916589.49				
					23.20		N70°14'23"E
END	23+00.00	718486.89	1916611.33				



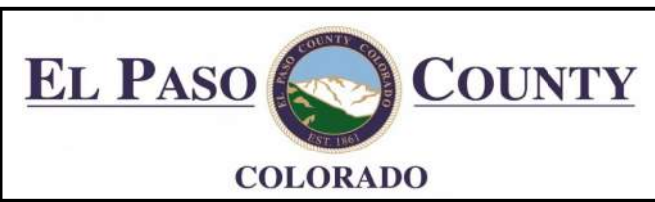
Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Direction
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<b>Description:</b> Peterson Road (Palmer Park Blvd and Peterson Road)							
<b>Alignment Style:</b> Alignment\Proposed Alignment							
START	10+00.00	718297.31	1916511.43				
					300.00		N16°18'06"W
END	13+00.00	718585.25	1916427.22				



All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_RDY\_GEO-03-PLMR-PTS.dgn  
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 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed  
 No Revisions:  
 Revised:  
 Void:

**PEDESTRIAN CROSSINGS PACKAGE 2  
 PALMER PK BLVD AND PETERSON RD  
 GEOMETRIC LAYOUT**

Designer: JLERNER  
 Detailer: XREYNOLDS  
 Sheet Subset: PPPR

Structure Numbers:  
 Subset Sheets: 2 of 12

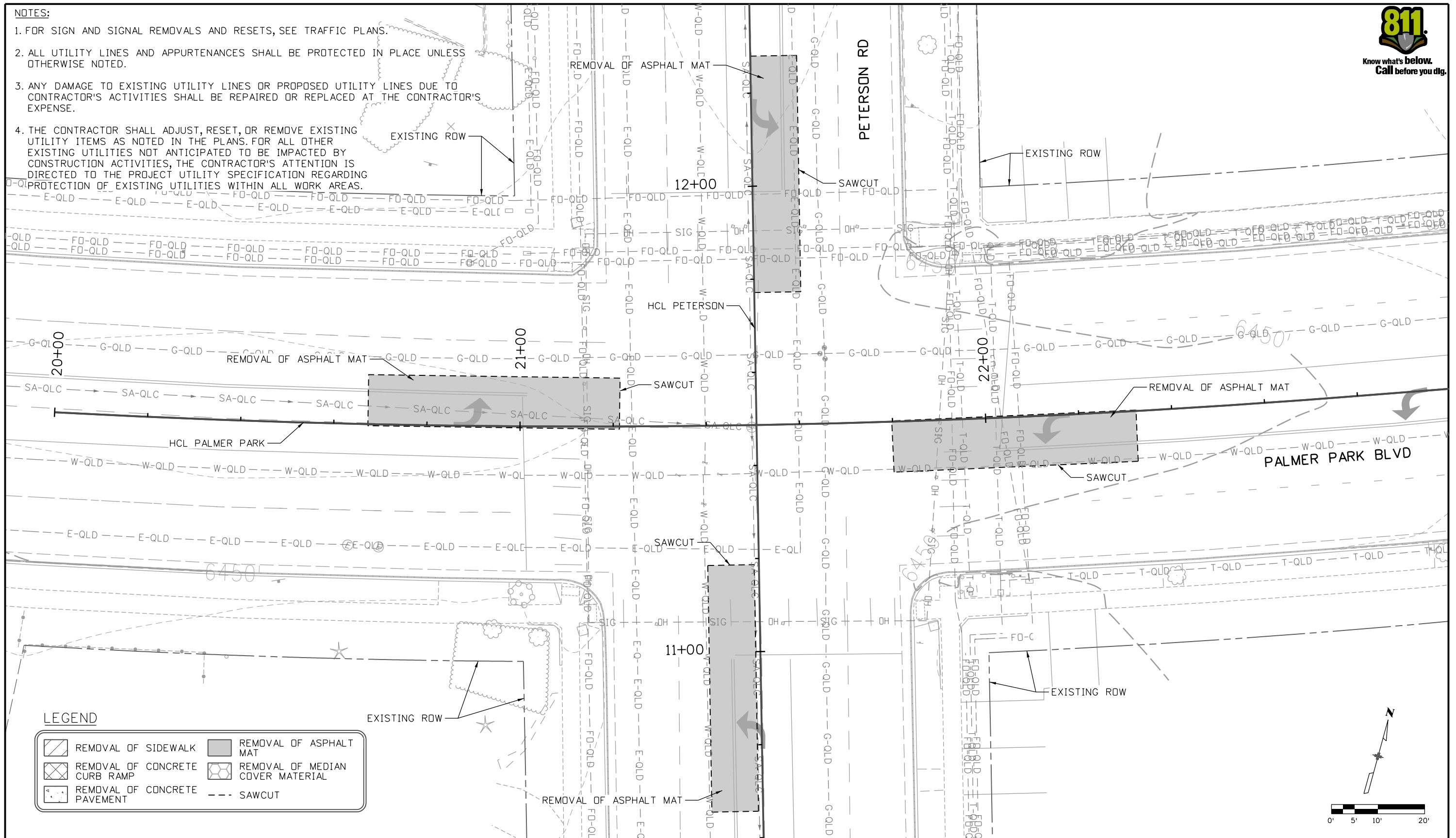
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 26666  
 Sheet Number **58**

JLERNER 3:10:14 PM pw:\pwhrusen01\HDR\_US\_Central\_01\Documents\El\_Paso\_County\_Pedestrian\_Crossings\6.0\_CAD\_BIM\6.2\_WIP\25188\_Roadway\_Sheets\Package 2\Removal Sheets\Palmer Park Boulevard and Peterson Road



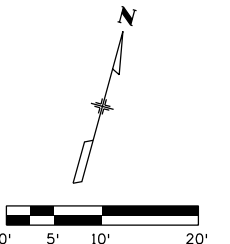
**NOTES:**

1. FOR SIGN AND SIGNAL REMOVALS AND RESETS, SEE TRAFFIC PLANS.
2. ALL UTILITY LINES AND APPURTENANCES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
3. ANY DAMAGE TO EXISTING UTILITY LINES OR PROPOSED UTILITY LINES DUE TO CONTRACTOR'S ACTIVITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL ADJUST, RESET, OR REMOVE EXISTING UTILITY ITEMS AS NOTED IN THE PLANS. FOR ALL OTHER EXISTING UTILITIES NOT ANTICIPATED TO BE IMPACTED BY CONSTRUCTION ACTIVITIES, THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PROJECT UTILITY SPECIFICATION REGARDING PROTECTION OF EXISTING UTILITIES WITHIN ALL WORK AREAS.



**LEGEND**

	REMOVAL OF SIDEWALK		REMOVAL OF ASPHALT MAT
	REMOVAL OF CONCRETE CURB RAMP		REMOVAL OF MEDIAN COVER MATERIAL
	REMOVAL OF CONCRETE PAVEMENT		SAWCUT



All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/30/2025 File Name: 25188_RDY_REM-03-PLMR-PTSN.dgn Horiz. Scale:            Vert. Scale: As Noted	<b>Sheet Revisions</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">Date:</th> <th style="width:60%;">Comments</th> <th style="width:10%;">Init.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Date:	Comments	Init.											As Constructed No Revisions: Revised: Void:	<b>PEDESTRIAN CROSSINGS PACKAGE 2 ROADWAY REMOVAL PLAN PALMER PK BLVD AND PETERSON RD</b>	Project No./Code RFP-24-007 26666 Sheet Number <b>59</b>
	Date:	Comments	Init.															
Unit Information 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800	Structure Numbers Subst Sheets: 3 of 12	Designer: JLERNER Detailer: GPRINCE Sheet Subset: PPPR																

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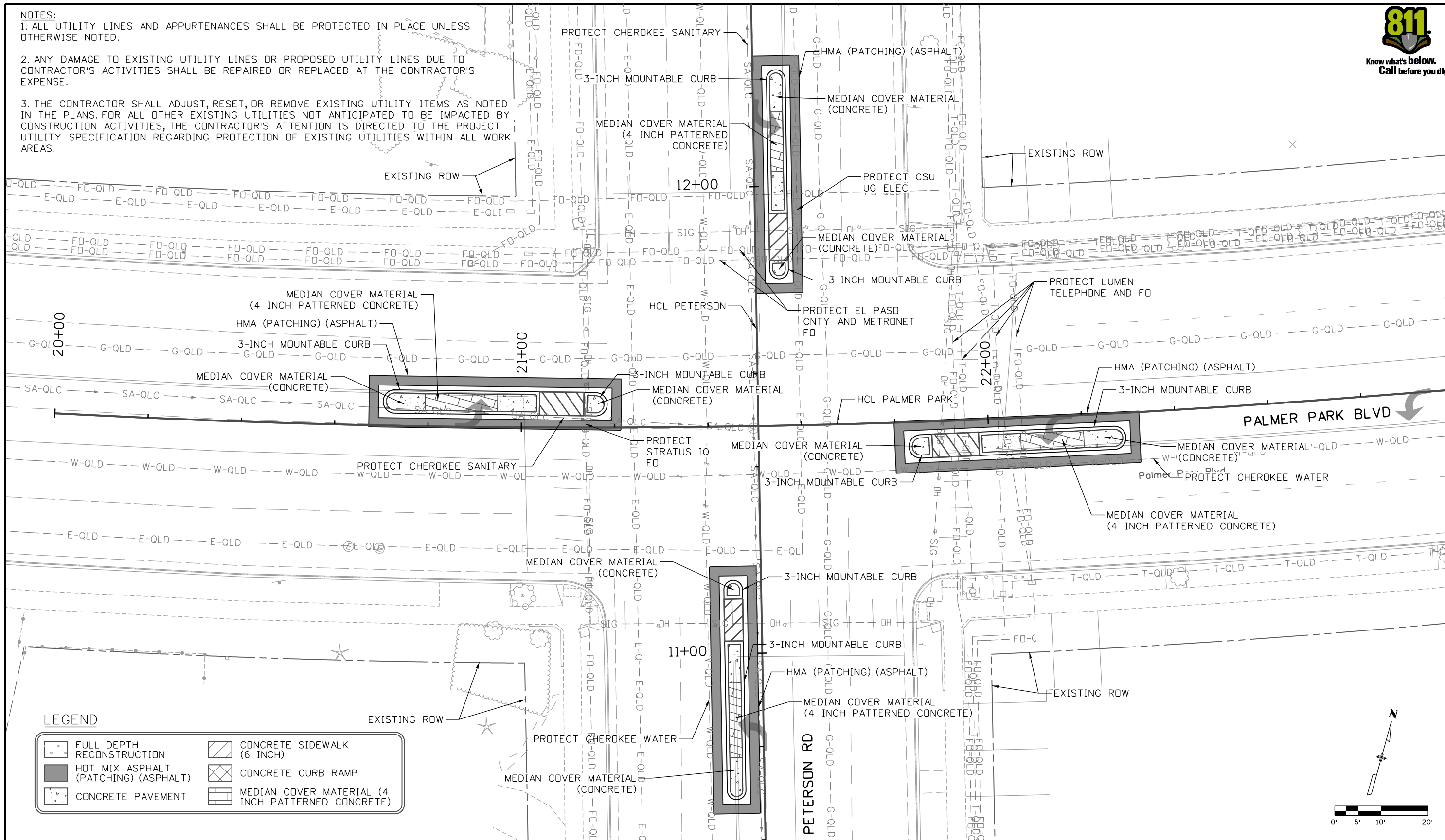


**NOTES:**

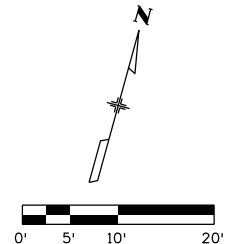
1. ALL UTILITY LINES AND APPURTENANCES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.

2. ANY DAMAGE TO EXISTING UTILITY LINES OR PROPOSED UTILITY LINES DUE TO CONTRACTOR'S ACTIVITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.

3. THE CONTRACTOR SHALL ADJUST, RESET, OR REMOVE EXISTING UTILITY ITEMS AS NOTED IN THE PLANS. FOR ALL OTHER EXISTING UTILITIES NOT ANTICIPATED TO BE IMPACTED BY CONSTRUCTION ACTIVITIES, THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PROJECT UTILITY SPECIFICATION REGARDING PROTECTION OF EXISTING UTILITIES WITHIN ALL WORK AREAS.

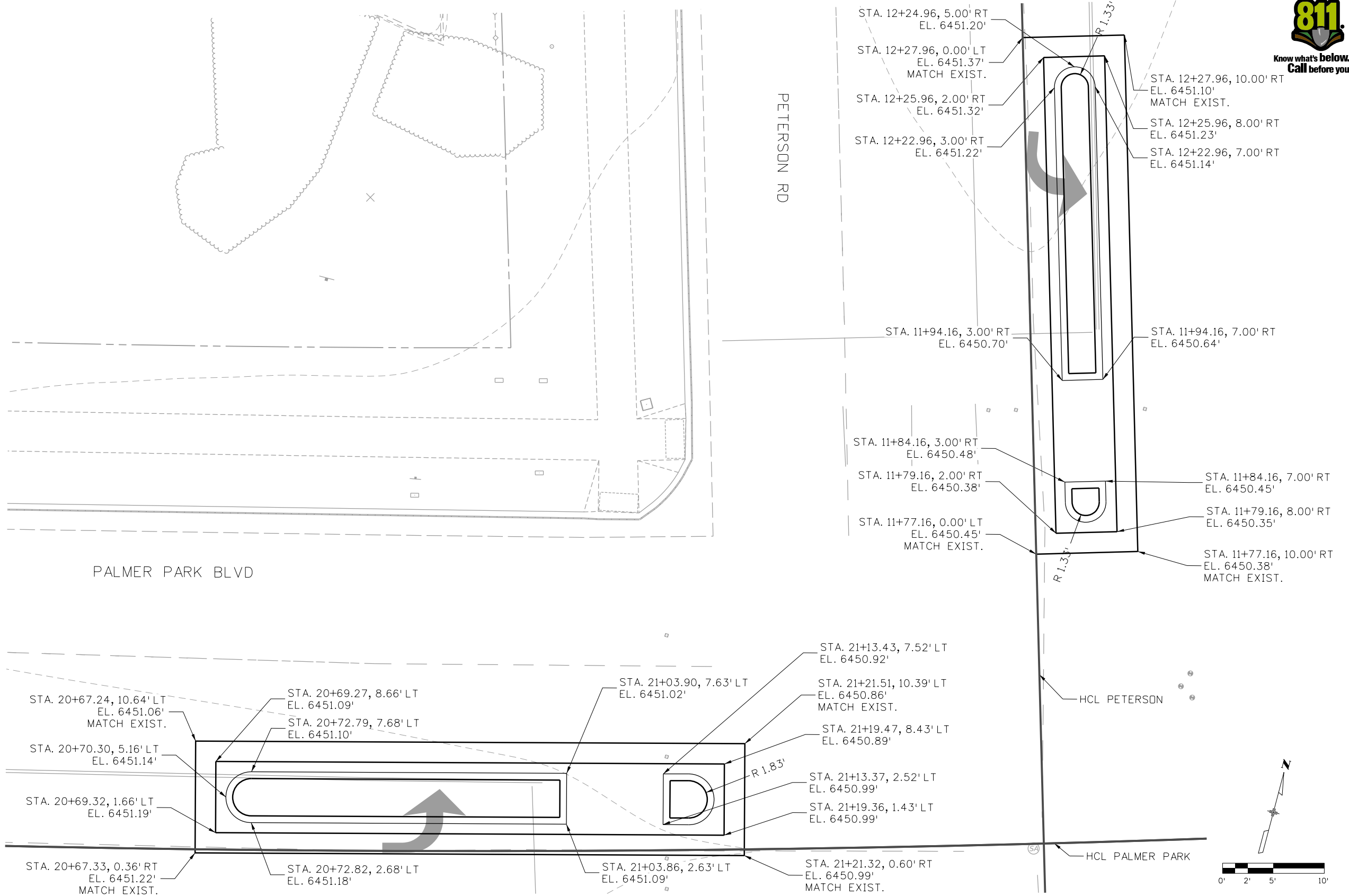


**LEGEND**

All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/30/2025 File Name: 25188_RDY_PLN-03-PLMR-PTS.dgn Horiz. Scale:            Vert. Scale: As Noted Unit Information	<b>Sheet Revisions</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">Date:</th> <th style="width:60%;">Comments</th> <th style="width:30%;">Init.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Date:	Comments	Init.											As Constructed No Revisions: Revised: Void:	<b>PEDESTRIAN CROSSINGS PACKAGE 2 ROADWAY INTERSECTION PLAN PALMER PK BLVD AND PETERSON RD</b>	Project No./Code RFP-24-007 26666 Sheet Number <b>60</b>
	Date:	Comments	Init.															
5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800	Structure Numbers Subset Sheets: 4 of 12	Designer: JLERNER Detailer: JLERNER Sheet Subset: PPPR																

JLERNER 3:10:49 PM \\pwhruscen01:HDR\_US\_Central\_01\Documents\El\_Paso\_County\_Pedestrian\_Crossings\6.0\_CAD\_BIM\6.2\_WIP\25188\Roadway\Sheets\Package 2\_DetailSheets\Palmer Park Boulevard and Peterson Road



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Print Date: 10/30/2025
File Name: 25188_RDY_DTL-03-PLMR-PTSN.dgn
Horiz. Scale: Vert. Scale: As Noted
Unit Information
<b>HDR</b> 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.

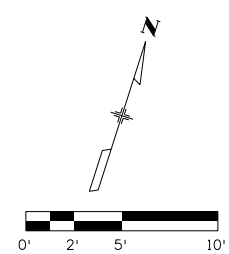
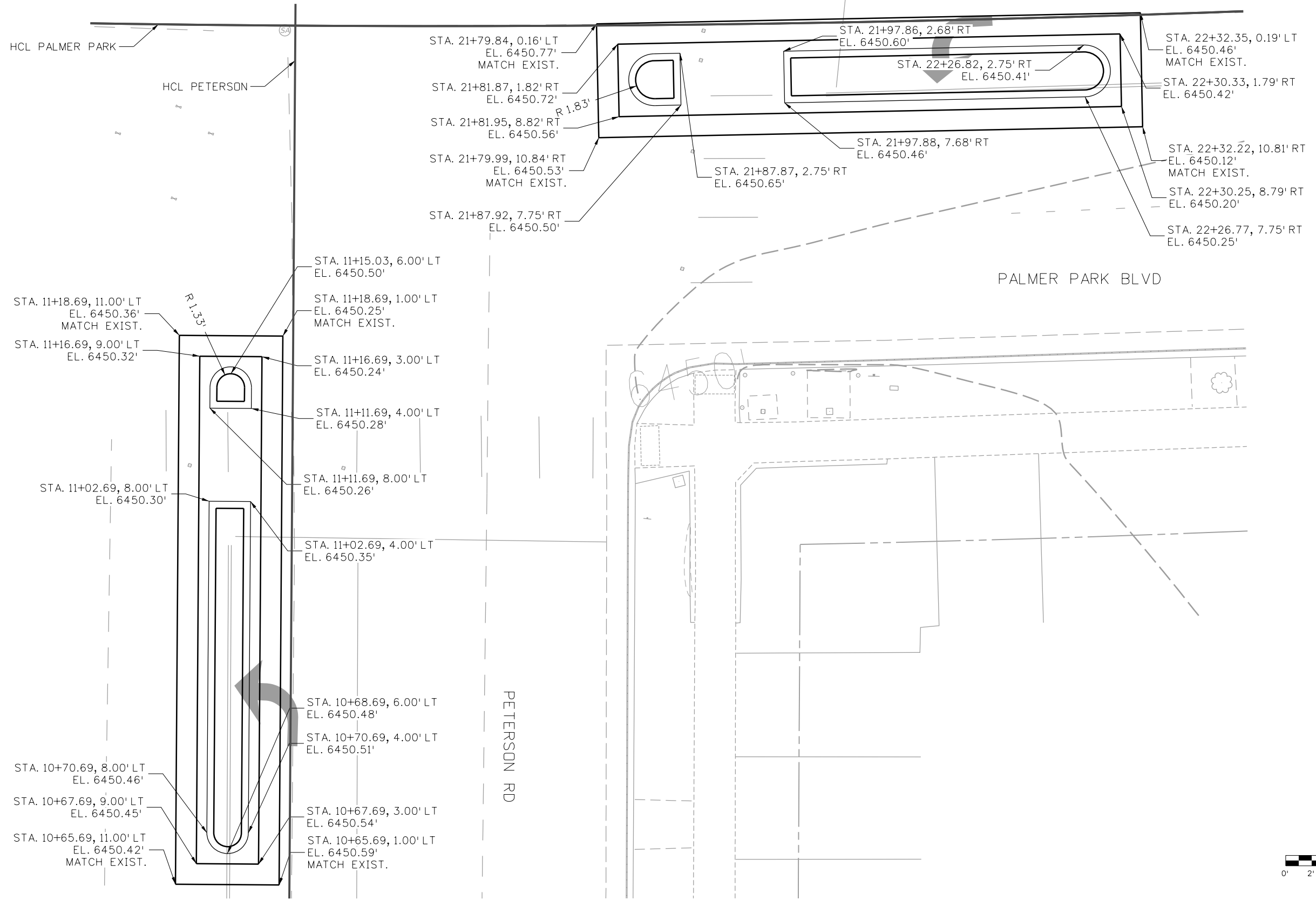


As Constructed
No Revisions:
Revised:
Void:

<b>PEDESTRIAN CROSSINGS PACKAGE 2 ROADWAY INTERSECTION DETAILS PALMER PK AND PETERSON (1 OF 2)</b>			
Designer:	JLERNER	Structure	
Detailer:	XREYNQDLS	Numbers	
Sheet Subset:	PPPR	Subset Sheets:	5 of 12

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>61</b>

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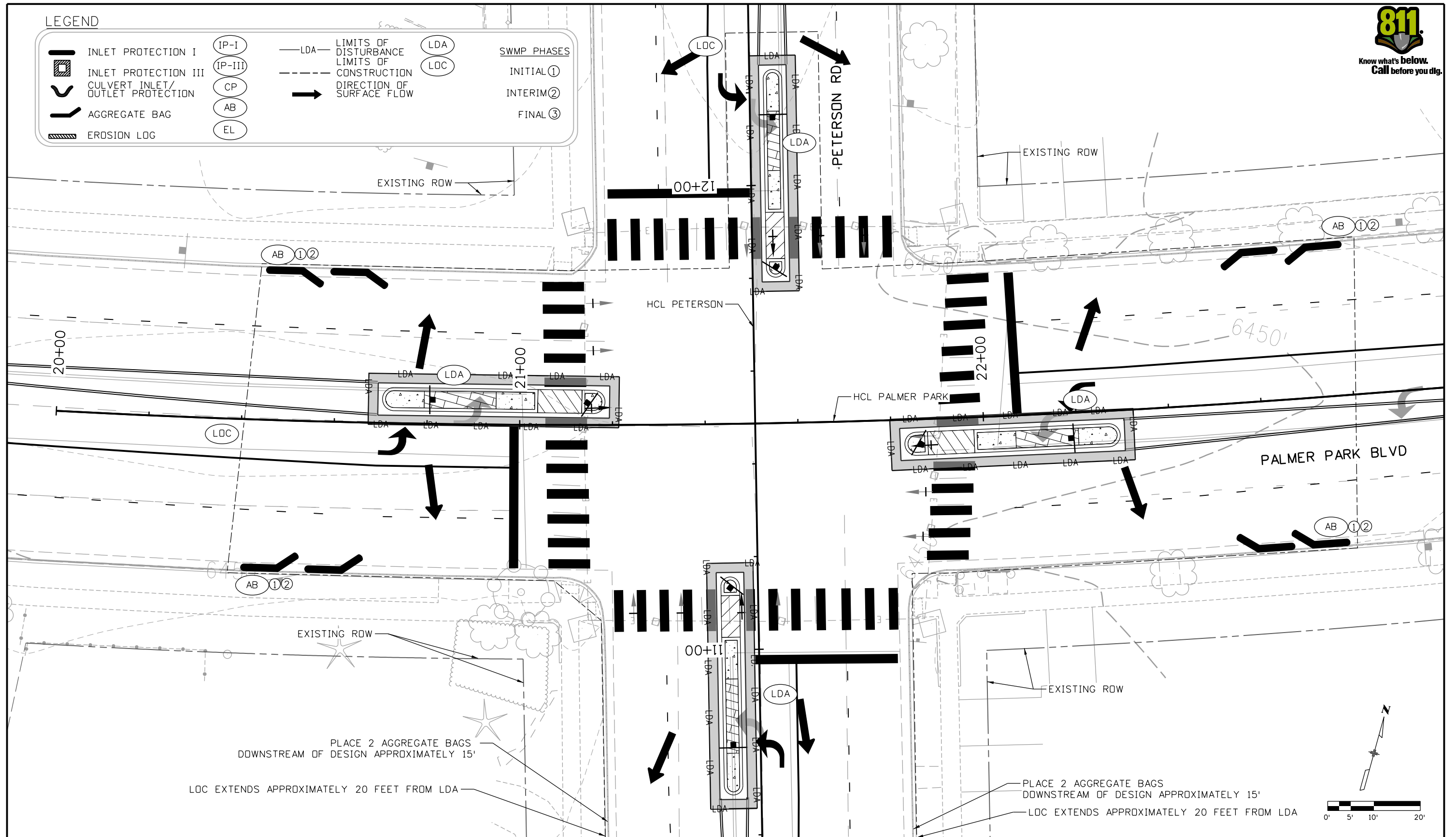
All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/30/2025	<b>Sheet Revisions</b>				As Constructed	<b>PEDESTRIAN CROSSINGS PACKAGE 2</b>		Project No./Code RFP-24-007	
	File Name: 25188_RDY_DTL-03-PLMR-PTS.dgn					No Revisions:	<b>ROADWAY INTERSECTION DETAILS</b>			Structure Numbers
	Horiz. Scale:      Vert. Scale: As Noted					Revised:	Designer: JLERNER	Detailer: GPRINCE		26666
	Unit Information 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800					Void:	Sheet Subset: PPRR	Subset Sheets: 6 of 12		Sheet Number <b>62</b>

JLERNER 3:11:04 PM p:\pwhruscen01\HDR\_US\_Central\_01\Documents\El\_Paso\_County\_Pedestrian\_Crossings\6.0\_CAD\_BIM\6.2\_WIP\25188\Environmental\Sheets\2\A2 - SWMP Sheets Palmer Park Boulevard and Peterson Road



**LEGEND**

	INLET PROTECTION I		IP-I		LIMITS OF DISTURBANCE		LDA	SWMP PHASES INITIAL ① INTERIM ② FINAL ③
	INLET PROTECTION III		IP-III		LIMITS OF CONSTRUCTION		LOC	
	CULVERT INLET/OUTLET PROTECTION		CP		DIRECTION OF SURFACE FLOW			
	AGGREGATE BAG		AB					
	EROSION LOG		EL					



PLACE 2 AGGREGATE BAGS  
DOWNSTREAM OF DESIGN APPROXIMATELY 15'

LOC EXTENDS APPROXIMATELY 20 FEET FROM LDA

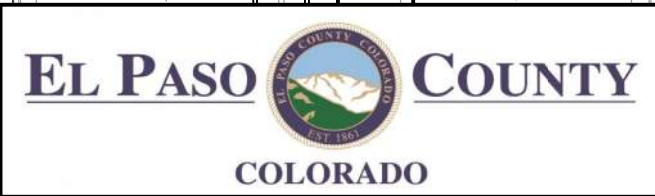
PLACE 2 AGGREGATE BAGS  
DOWNSTREAM OF DESIGN APPROXIMATELY 15'

LOC EXTENDS APPROXIMATELY 20 FEET FROM LDA

All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_SWMP-03-PLMR-PTSN.dgn  
 Horiz. Scale: Vert. Scale: As Noted  
 Unit Information  
  
 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed  
 No Revisions:  
 Revised:  
 Void:

**PEDESTRIAN CROSSINGS PACKAGE 2  
 SWMP PLAN  
 PALMER PK BLVD AND PETERSON RD**

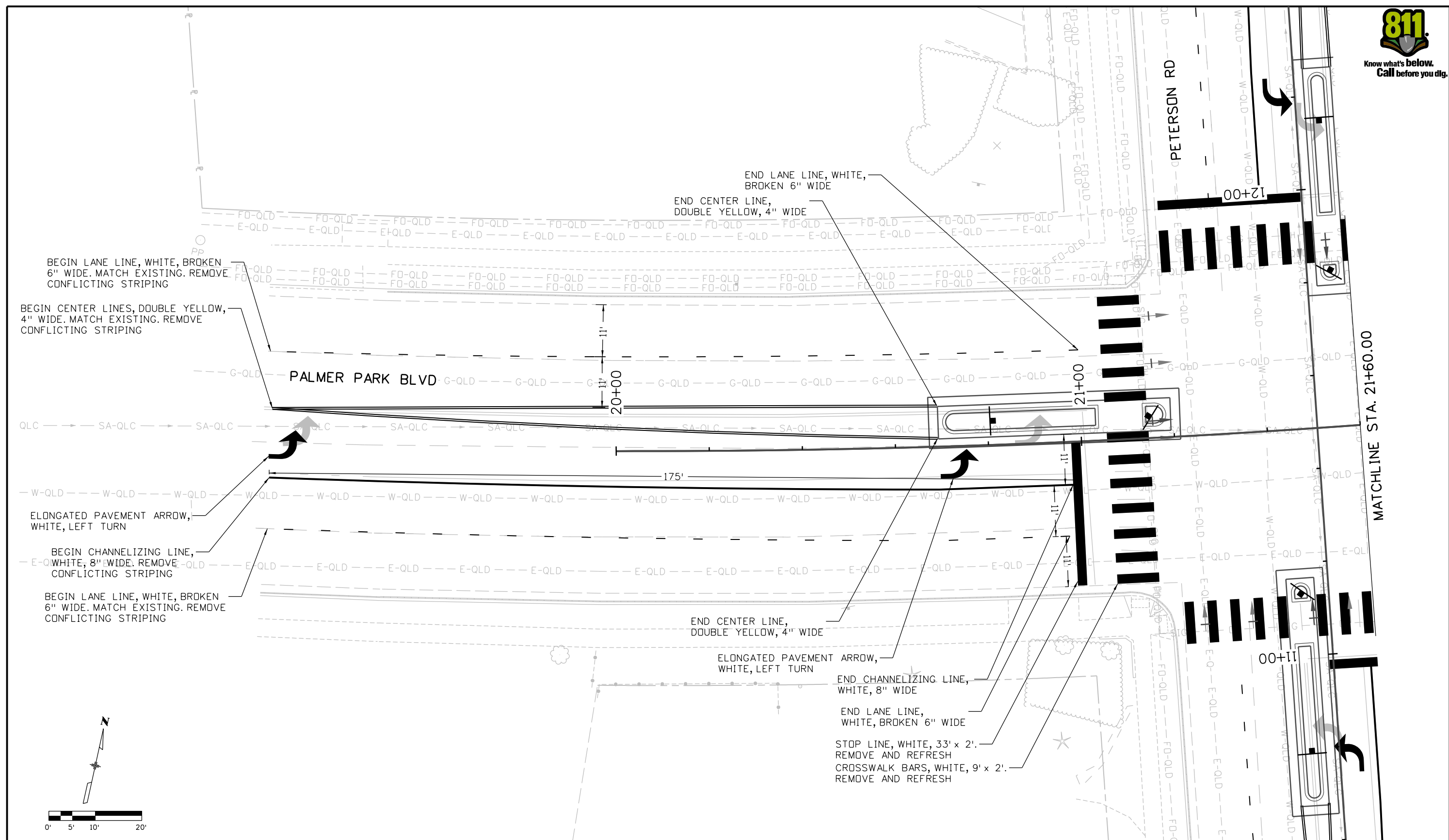
Designer: SACOSTA  
 Detailer: CBURLISON  
 Sheet Subset: PPPR

Structure Numbers  
 Subset Sheets: 7 of 12

Project No./Code  
 RFP-24-007  
 26666  
 Sheet Number **63**



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All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_TRF\_PLN-SS-P2.dgn  
 Horiz. Scale: 1"=XX' Vert. Scale: As Noted  
 Unit Information  
**HDR** 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

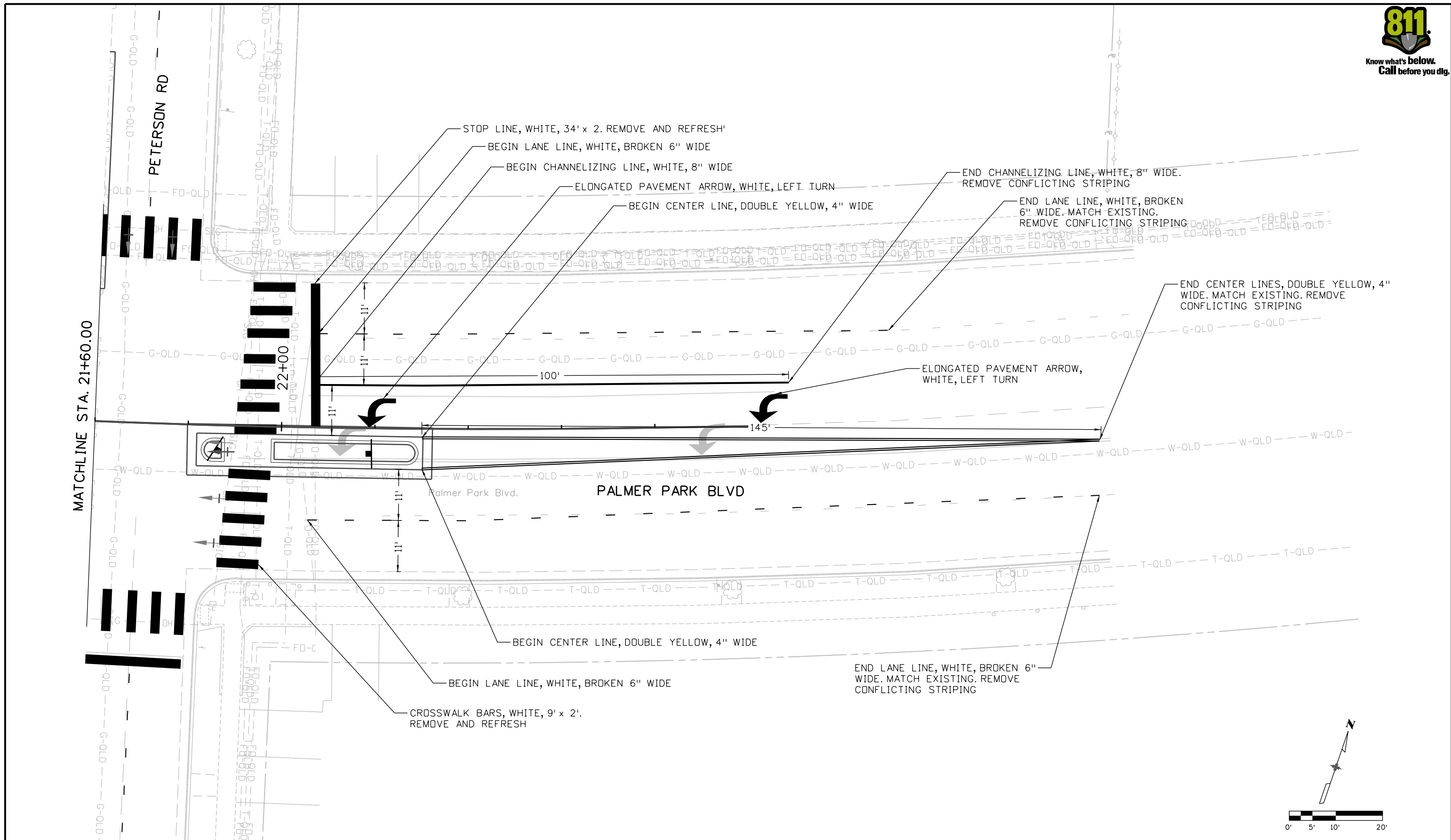
Sheet Revisions		
Date:	Comments	Init.



As Constructed  
 No Revisions:  
 Revised:  
 Void:

**PEDESTRIAN CROSSINGS PACKAGE 2  
 SIGNING AND STRIPING  
 PALMER PK BLVD & PETERSON RD 1**  
 Designer: GBAKER  
 Detailer: JOTTS  
 Sheet Subset: PPRP  
 Subset Sheets: 8 of 12

Project No./Code  
 RFP-24-007  
 26666  
 Sheet Number **64**



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All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
File Name: 25188_TRF_PLN-SS-P2.dgn
Horiz. Scale: 1"=XX' Vert. Scale: As Noted
Unit Information
<b>HR</b> 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



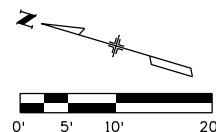
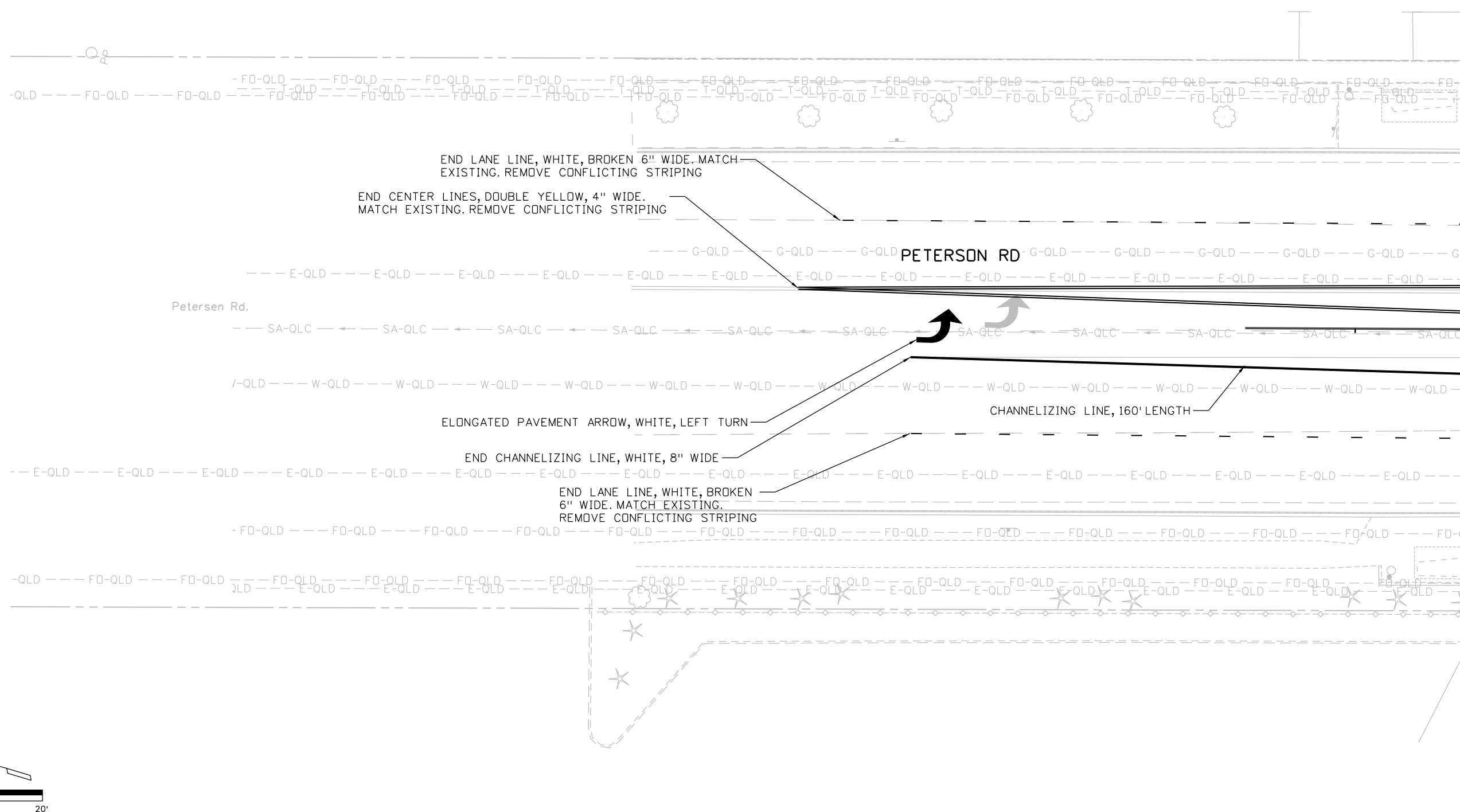
As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2			
SIGNING AND STRIPING			
PALMER PK BLVD & PETERSON RD 2			
Designer:	GBAKER	Structure Numbers:	
Detailer:	JOTTS		
Sheet Subset:	PPPR	Subset Sheets:	9 of 12

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>65</b>



Know what's below.  
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All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
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Horiz. Scale: 1"=XX'    Vert. Scale: As Noted
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Sheet Revisions		
Date:	Comments	Init.

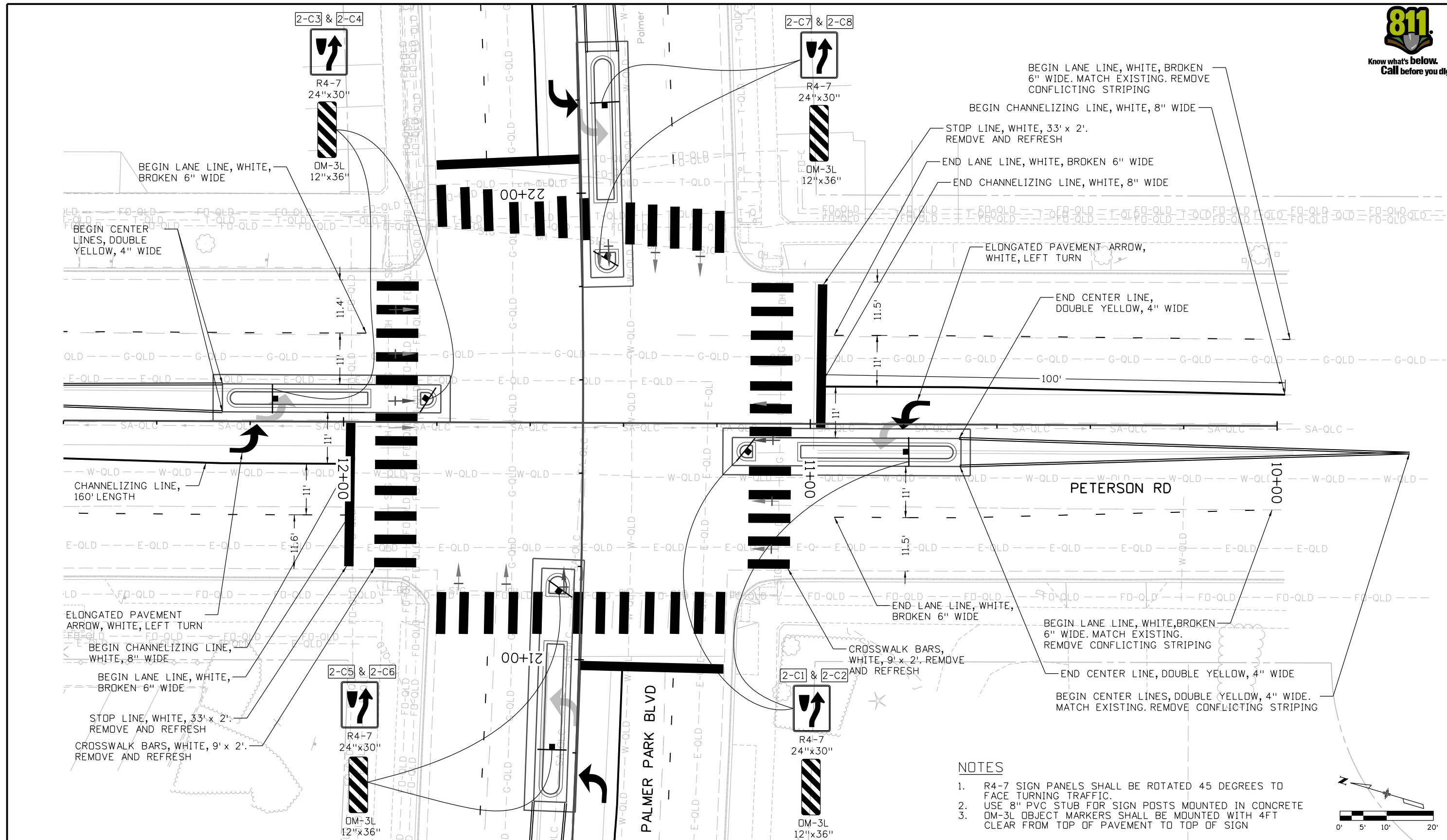


As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2 SIGNING AND STRIPING PALMER PK BLVD & PETERSON RD 3			
Designer:	GBAKER	Structure Numbers	
Detailer:	JOTTS		
Sheet Subset:	PPPR	Subset Sheets:	10 of 12

Project No./Code	RFP-24-007
	26666
Sheet Number	66

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 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



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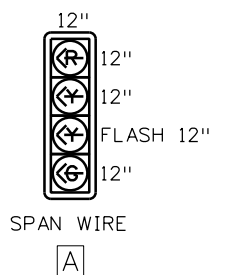
**PEDESTRIAN CROSSINGS PACKAGE 2**  
**SIGNING AND STRIPING**  
**PALMER PK BLVD & PETERSON RD 4**  
 Designer: GBAKER  
 Detailer: JOTTS  
 Sheet Subset: PPRP  
 Structure Numbers:  
 Subset Sheets: 11 of 12

Project No./Code  
 RFP-24-007  
 26666  
 Sheet Number **67**



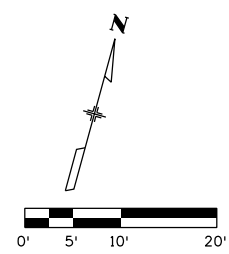
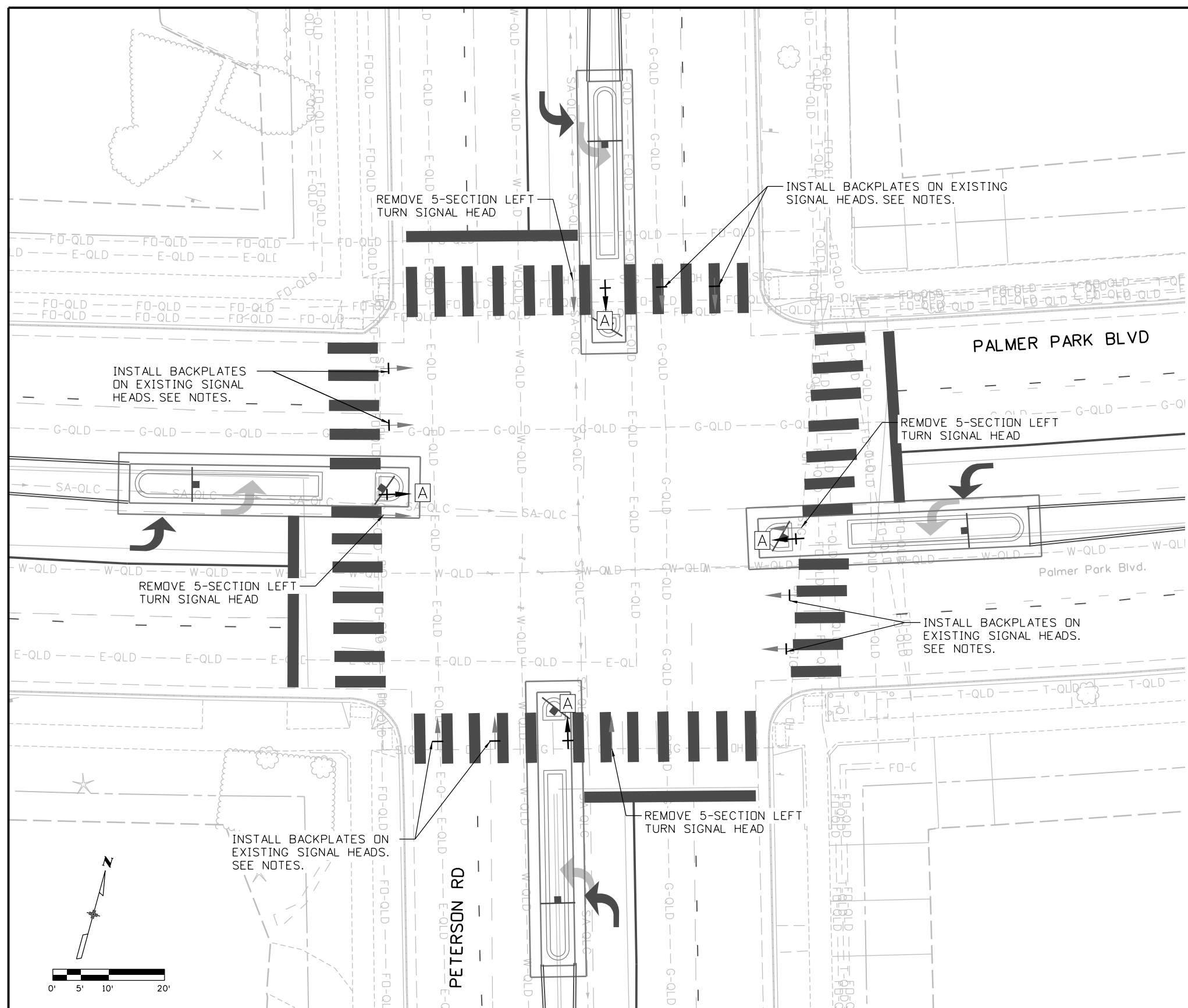
**LEGEND**

- EXISTING SPAN WIRE POLE
- OH EXISTING SPAN WIRE
- EXISTING PULL BOX
- EXISTING CONTROLLER CABINET
- EXISTING SIGNAL POLE AND MAST ARM
- PULL BOX
- SIGNAL FACE WITH BACKPLATE
- SIGNAL FACE
- PEDESTRIAN SIGNAL FACE
- CONDUIT
- PEDESTAL POLE
- PUSH BUTTON & POLE
- LUMINAIRE
- CONTROLLER CABINET
- SIGNAL POLE AND MAST ARM
- SIGN PANEL



**NOTES**

1. 2-INCH RETROREFLECTIVE YELLOW BORDER TO BE INSTALLED ON ALL TRAFFIC SIGNAL BACKPLATES
2. ALL BACKPLATES SHALL BE LOUVERED
3. RESET EXISTING SIGNAL HEADS TO MAINTAIN MIN. 8FT LATERAL SEPARATION. HEADS SHALL BE CENTERED ON LANE APPROACH



JLERNER 3:11:38 PM p:\pwhruscen01\HDR\_US\_Centrol\_01\Documents\El\_Paso\_County\_Pedestrian\_Crossings\6.0\_CAD\_BIM\_6.2\_WIP\25188\_Traffic\_IT\Sheets\25188\_TRF\_PLN-SIG-P2.dgn

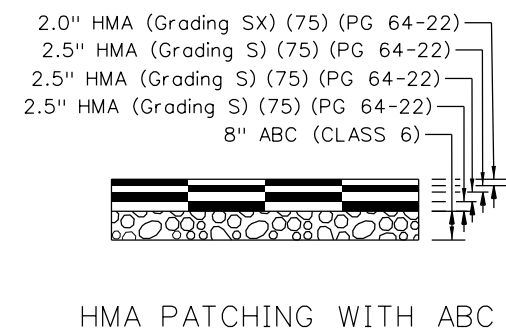
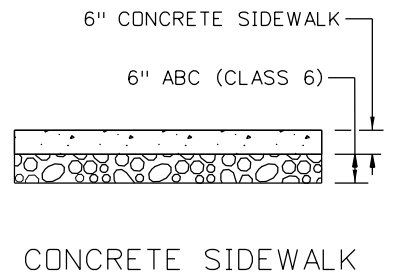
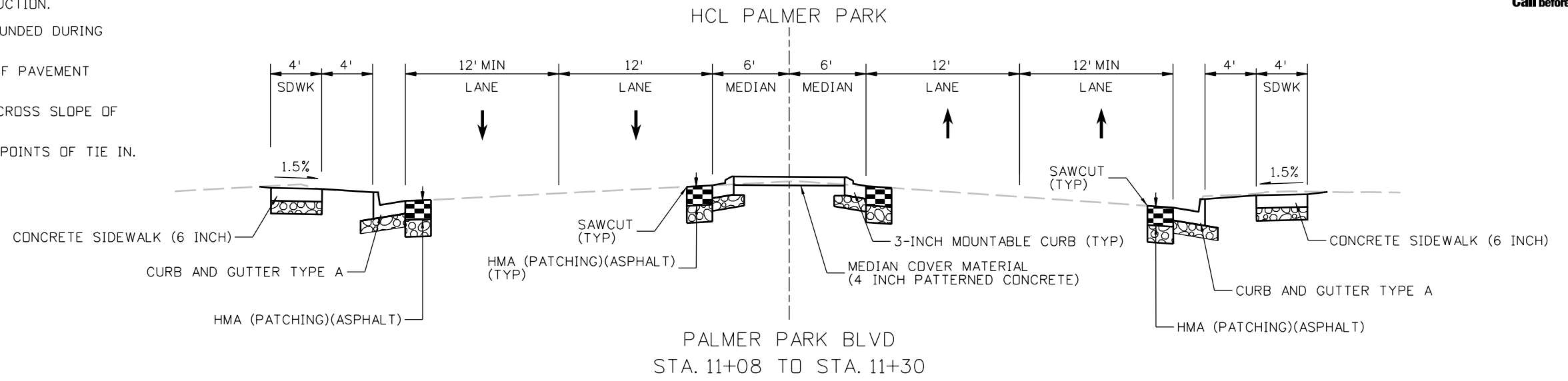
All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/30/2025 File Name: 25188_TRF_PLN-SIG-P2.dgn Horiz. Scale: 1"=XX'    Vert. Scale: As Noted Unit Information 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">Sheet Revisions</th> </tr> <tr> <th>Date:</th> <th>Comments</th> <th>Init.</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Sheet Revisions			Date:	Comments	Init.								As Constructed No Revisions: Revised: Void:	<b>PEDESTRIAN CROSSINGS PACKAGE 2 TRAFFIC SIGNALS PALMER PK BLVD AND PETERSON RD</b>	Project No./Code RFP-24-007 26666 Sheet Number <b>68</b>
	Sheet Revisions																	
	Date:	Comments	Init.															

JLERNER 3:11:52 PM P:\pwhofuscen01\HDR\_US\_Centrol\_01\Documents\El\_Paso\_County\_Pedestrian\_Crossings\6.0\_CAD\_BIM\6.2\_WIP\25188\_Roadway\Sheets\Package 2\Typical Sections\Palmer Park Boulevard and Winnebago Road



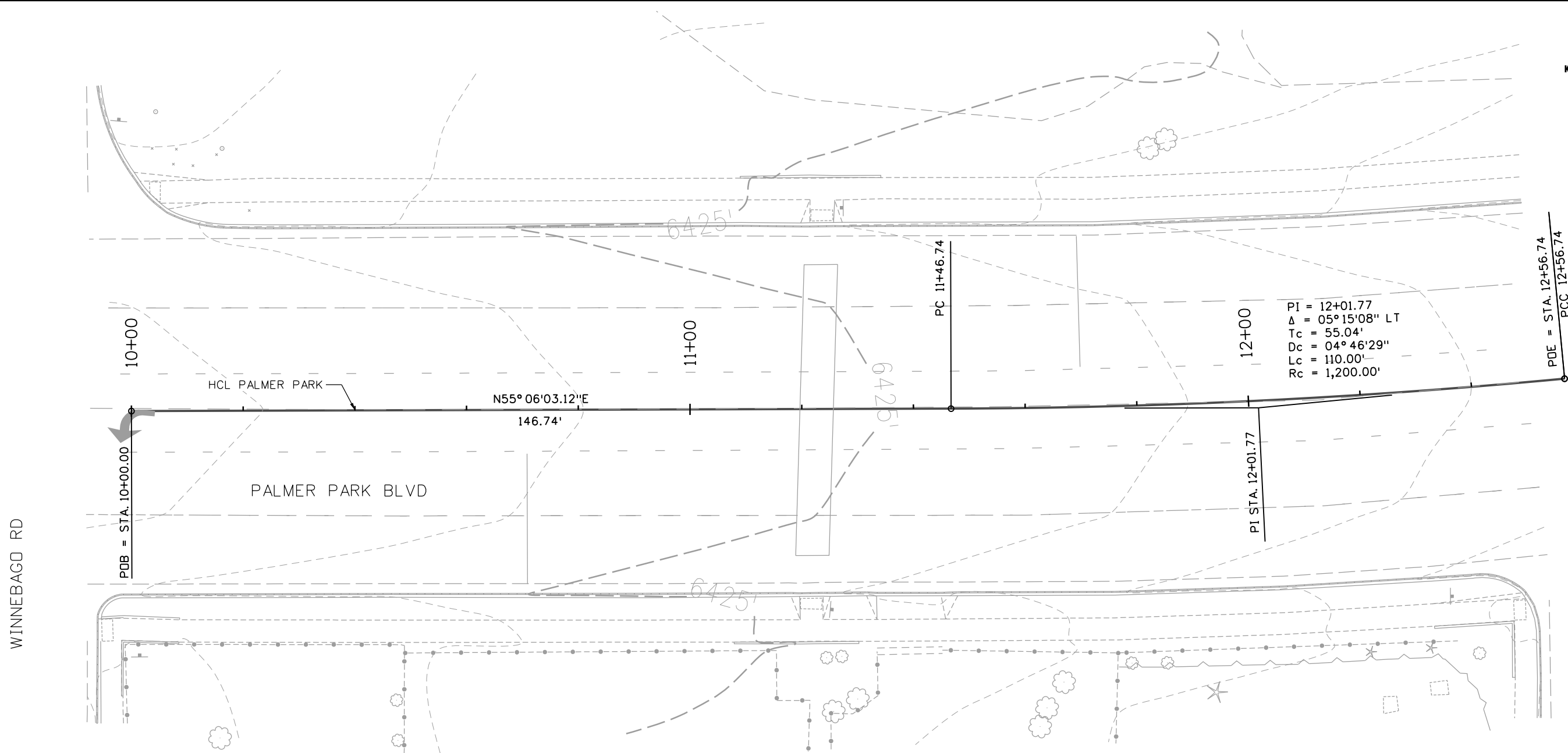
**NOTES:**

1. TYPICAL SECTIONS ARE REPRESENTATIVE ONLY. PLAN SHEETS ARE TO BE USED FOR CONSTRUCTION.
2. BREAK POINT ON SLOPES SHALL BE ROUNDED DURING CONSTRUCTION.
3. SAWCUT 2 FT FROM PROPOSED EDGE OF PAVEMENT UNLESS STATED OTHERWISE.
4. PATCHING AREAS SHOULD MATCH THE CROSS SLOPE OF THE ADJACENT EXISTING PAVEMENT.
5. MATCH EXISTING SIDEWALK WIDTH AT POINTS OF TIE IN.

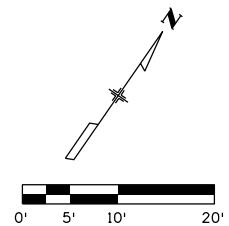


All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/30/2025	Sheet Revisions				As Constructed		PEDESTRIAN CROSSINGS PACKAGE 2		Project No./Code
	File Name: 25188_RDY_TYP-04-PLMR-WNBG.dgn	Date:	Comments	Init.		No Revisions:	TYPICAL SECTIONS		Structure Numbers	
	Horiz. Scale: Vert. Scale: As Noted					Revised:	PALMER PK BLVD AND WINNEBAGO			Sheet Subset: PPWR
	Unit Information					Void:	Designer: JLERNER	Subset Sheets: 1 of 9		
	5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800						Detailer: XREYNQDLS			

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Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Direction
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<b>Description:</b> Palmer Park Blvd (Palmer Park Blvd and Winnebago Road)							
<b>Alignment Style:</b> Alignment\Proposed Alignment							
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					146.74		N55°06'03\"E
PC	11+46.74	718895.81	1917301.75				
HPI	12+01.77	718927.30	1917346.89	1200.00	110.00	05°15'08"	Left
CC		719880.00	1916615.19				
PT (END)	12+56.74	718962.79	1917388.96				



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Print Date: 10/30/2025  
 File Name: 25188\_RDY\_GEO-04-PLMR-WNBO.dgn  
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 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed
No Revisions:
Revised:
Void:

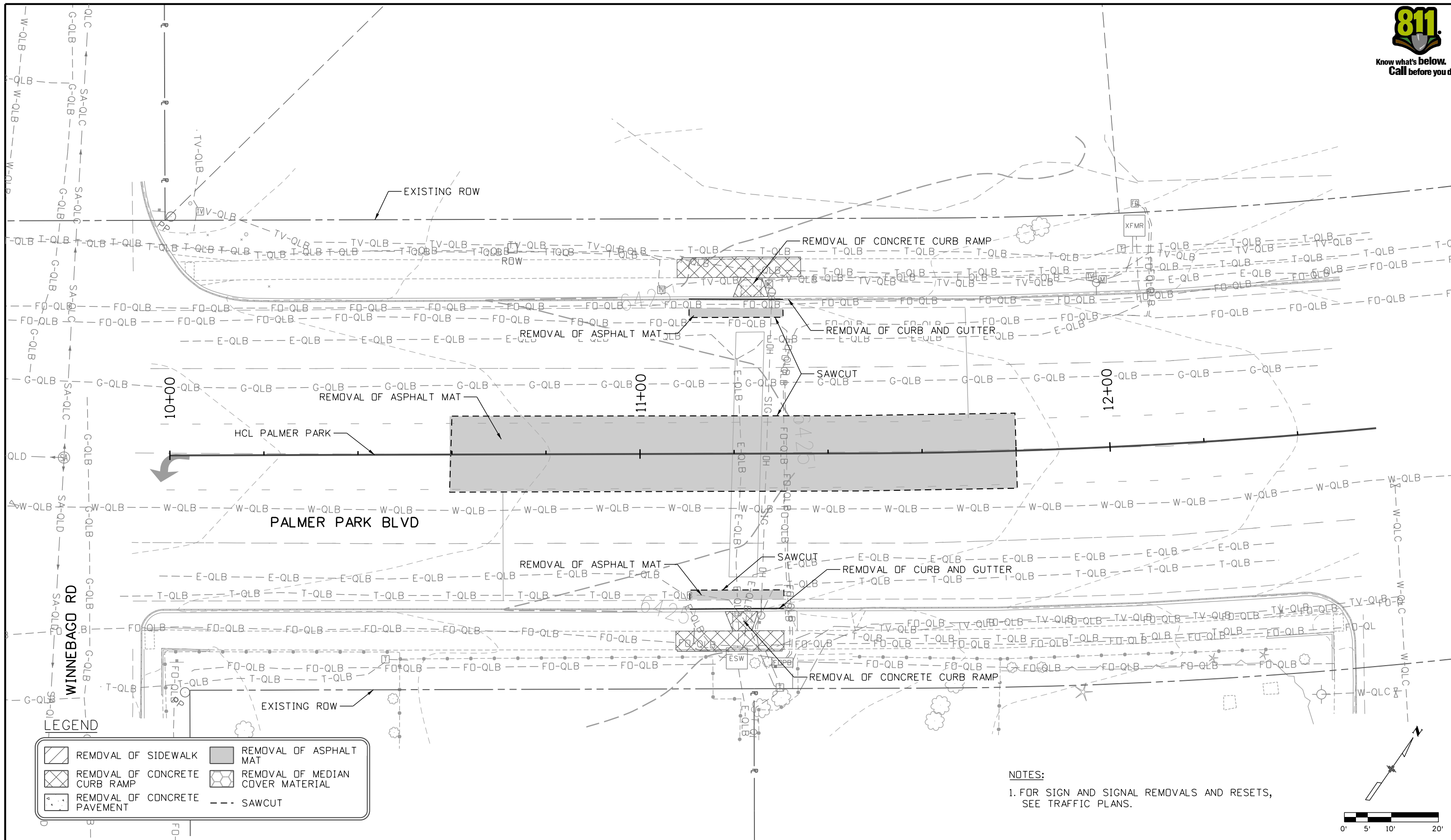
**PEDESTRIAN CROSSINGS PACKAGE 2  
 GEOMETRIC LAYOUT  
 PALMER PK BLVD AND WINNEBAGO**

Designer: JLERNER  
 Detailer: XREYNQDLS  
 Sheet Subset: PPWR

Structure Numbers  
 Subset Sheets: 2 of 9

Project No./Code	RFP-24-007
Sheet Number	70

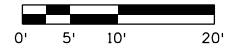
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**LEGEND**

	REMOVAL OF SIDEWALK		REMOVAL OF ASPHALT MAT
	REMOVAL OF CONCRETE CURB RAMP		REMOVAL OF MEDIAN COVER MATERIAL
	REMOVAL OF CONCRETE PAVEMENT		SAWCUT

**NOTES:**  
1. FOR SIGN AND SIGNAL REMOVALS AND RESETS, SEE TRAFFIC PLANS.



All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
File Name: 25188_RDY_REM-04-PLMR-WNBG.dgn
Horiz. Scale:            Vert. Scale: As Noted
Unit Information
5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.

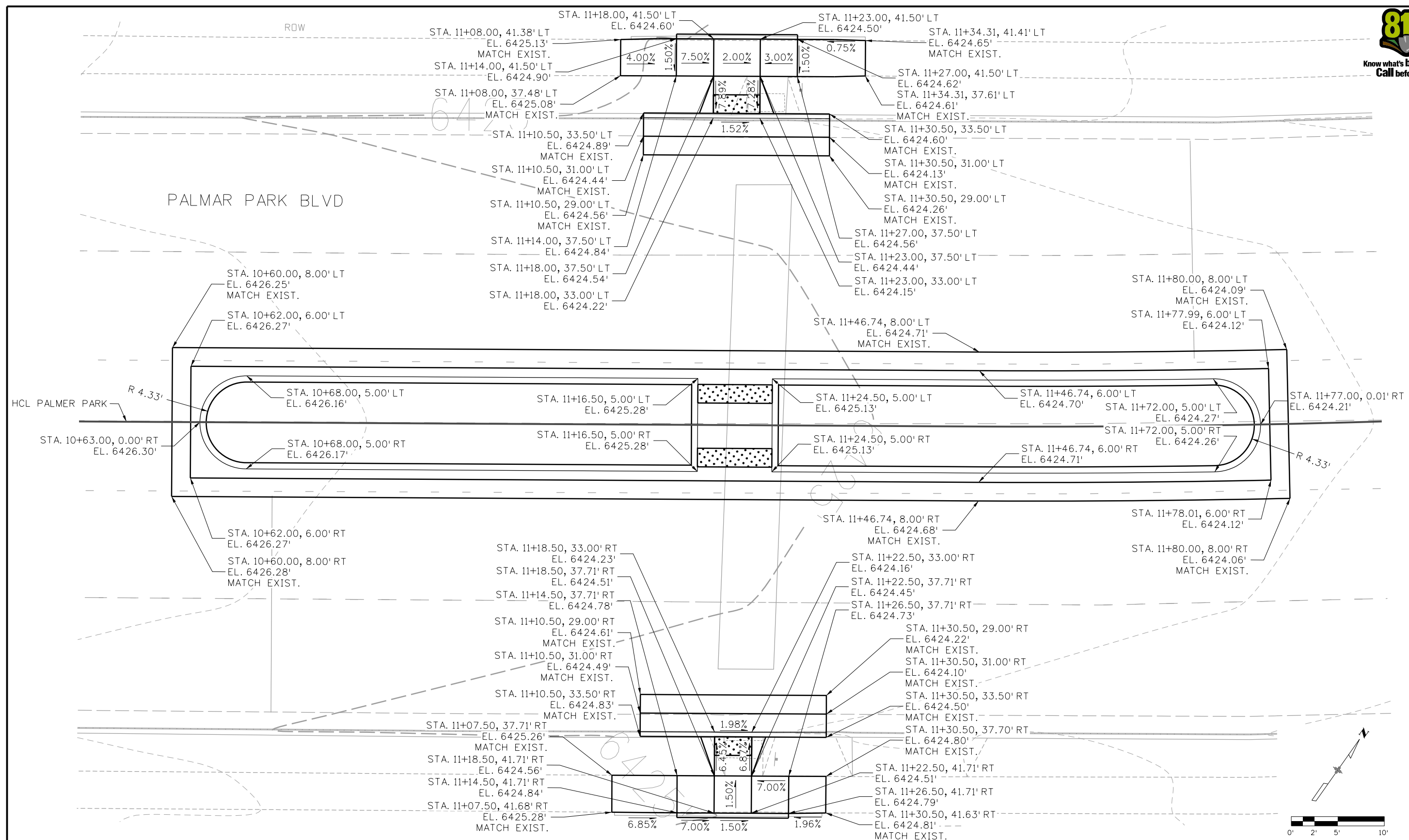


As Constructed
No Revisions:
Revised:
Void:

<b>PEDESTRIAN CROSSINGS PACKAGE 2</b>			
<b>ROADWAY REMOVAL PLAN</b>			
<b>PALMER PK BLVD AND WINNEBAGO</b>			
Designer:	JLERNER	Structure Numbers	
Detailer:	GPRINCE		
Sheet Subset:	PPWR	Subset Sheets:	3 of 9

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>71</b>



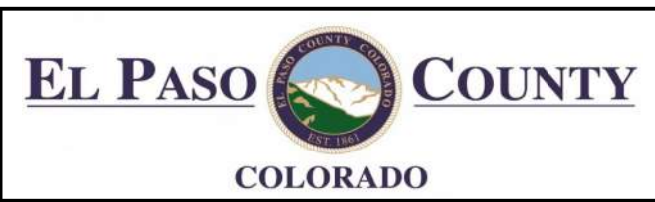


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All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
File Name: 25188_RDY_DTL-04-PLMR-WNGB.dgn
Horiz. Scale: Vert. Scale: As Noted
Unit Information
<b>HR</b> 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

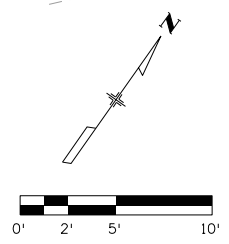
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Date:	Comments	Init.



As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2 ROADWAY INTERSECTION DETAILS PALMER PK BLVD AND WINNEBAGO			
Designer:	JLERNER	Structure Numbers	
Detailer:	JLERNER		
Sheet Subset:	PPWR	Subset Sheets:	5 of 9

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>73</b>

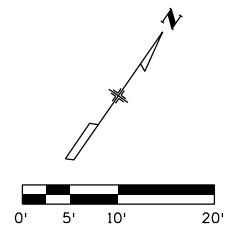
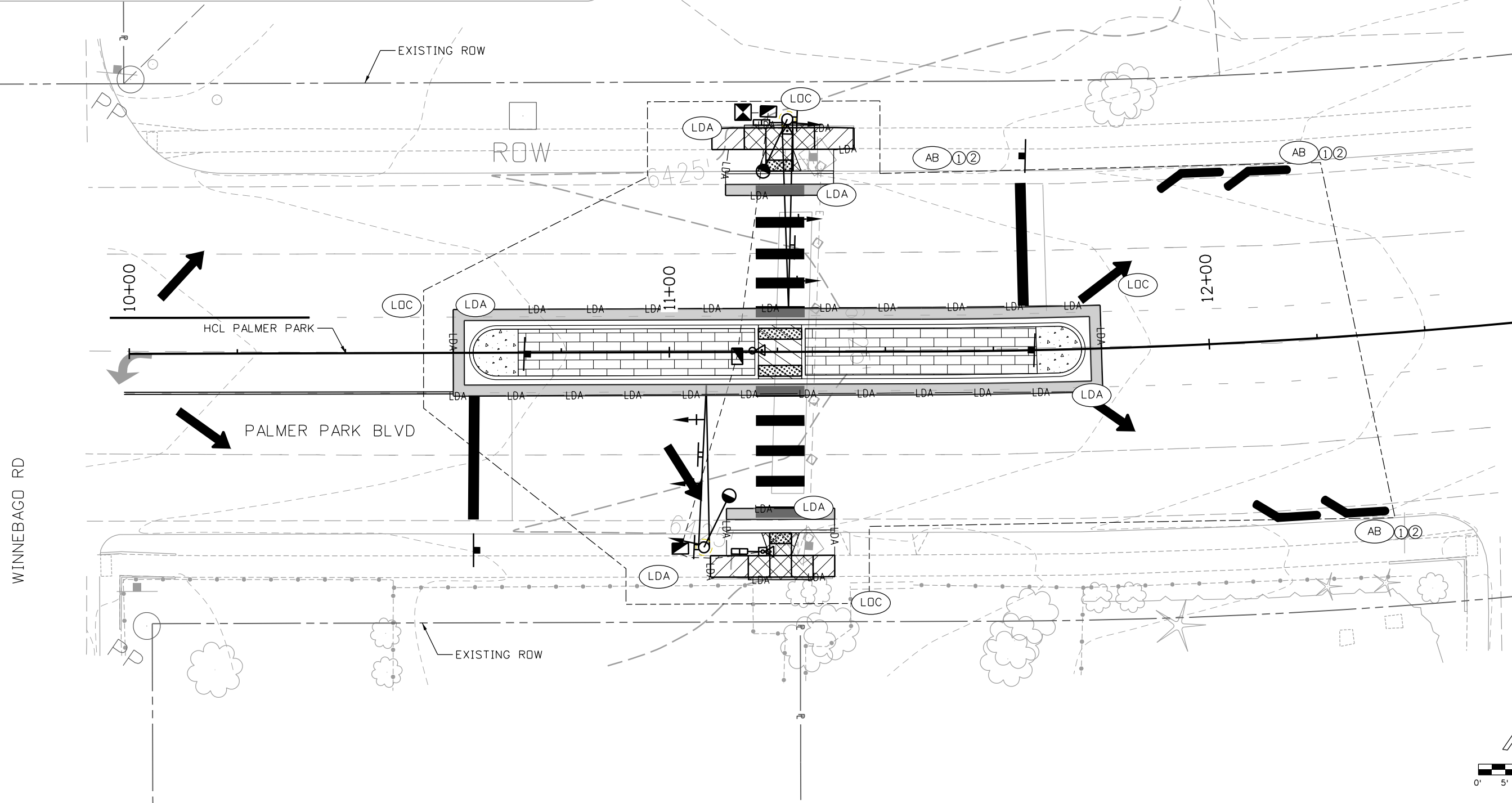


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**LEGEND**

	INLET PROTECTION I		IP-I		LIMITS OF DISTURBANCE		LDA	SWMP PHASES INITIAL ① INTERIM ② FINAL ③
	INLET PROTECTION III		IP-III		LIMITS OF CONSTRUCTION		LOC	
	CULVERT INLET/OUTLET PROTECTION		CP		DIRECTION OF SURFACE FLOW			
	AGGREGATE BAG		AB					
	EROSION LOG		EL					



All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_SWMP-04-PLMR-WNBO.dgn  
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 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



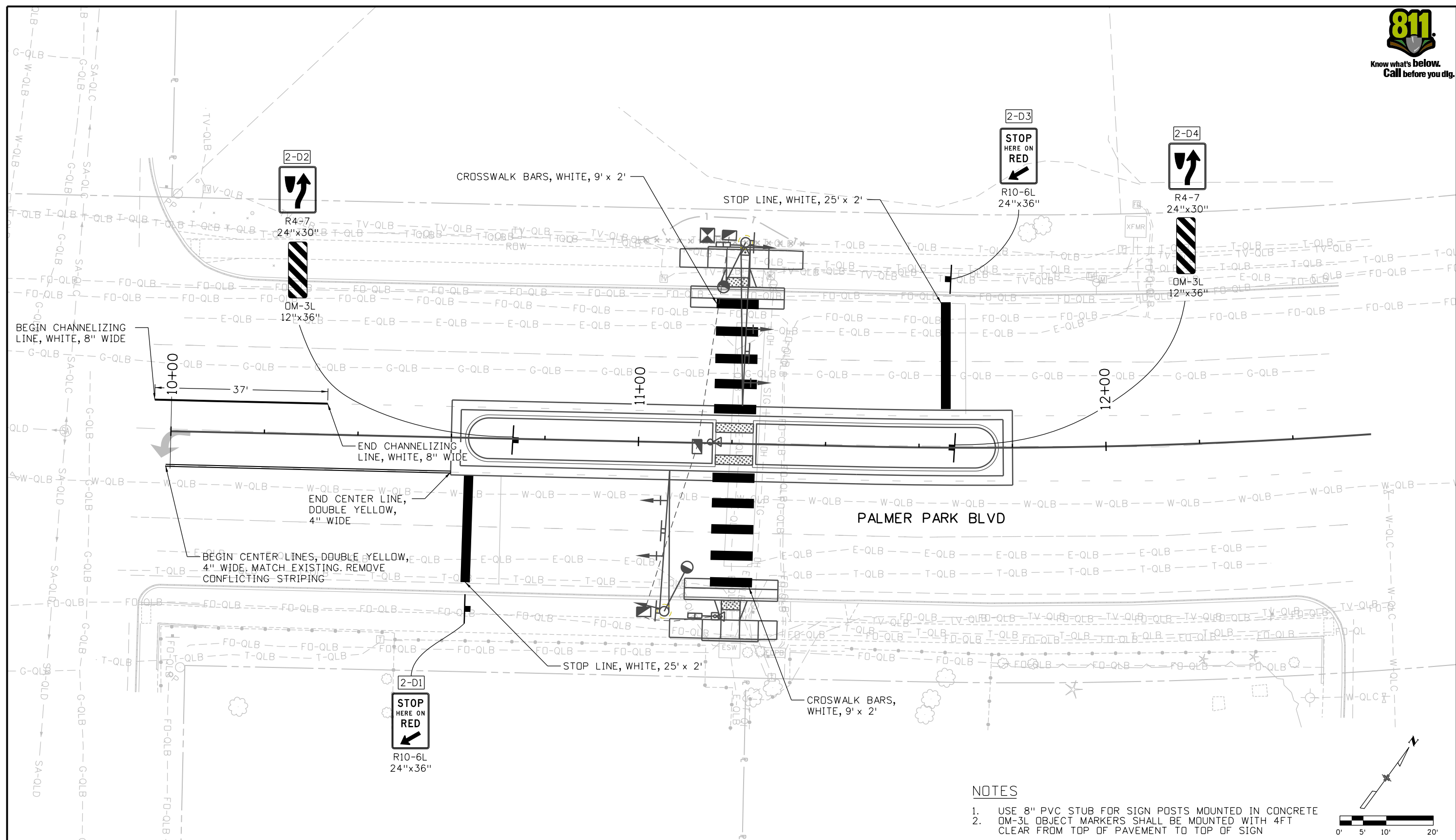
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**PEDESTRIAN CROSSINGS PACKAGE 2**  
**SWMP PLANS**  
**PALMER PK BLVD AND WINNEBAGO**  
 Designer: SACOSTA  
 Detailer: CBURLISON  
 Sheet Subset: PPWR  
 Structure Numbers:  
 Subset Sheets: 6 of 9

Project No./Code  
 RFP-24-007  
 26666  
 Sheet Number **74**



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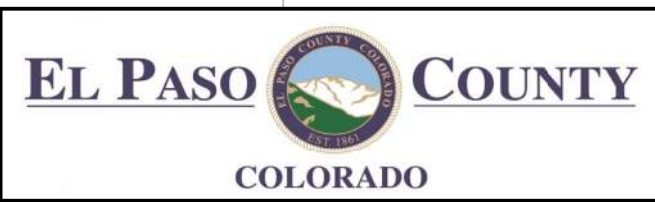


- NOTES**
- USE 8" PVC STUB FOR SIGN POSTS MOUNTED IN CONCRETE
  - OM-3L OBJECT MARKERS SHALL BE MOUNTED WITH 4FT CLEAR FROM TOP OF PAVEMENT TO TOP OF SIGN

All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_TRF\_PLN-SS-P2.dgn  
 Horiz. Scale: 1"=XX' Vert. Scale: As Noted  
 Unit Information  
 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed  
 No Revisions:  
 Revised:  
 Void:

**PEDESTRIAN CROSSINGS PACKAGE 2  
 SIGNING AND STRIPING  
 PALMER PK BLVD AND WINNEBAGO**

Designer: GBAKER  
 Detailer: JOTTS  
 Sheet Subset: PPRW

Structure Numbers  
 Subset Sheets: 7 of 9

Project No./Code  
 RFP-24-007  
 26666  
 Sheet Number **75**



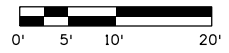
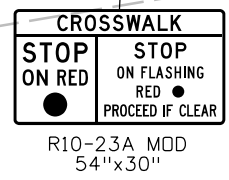
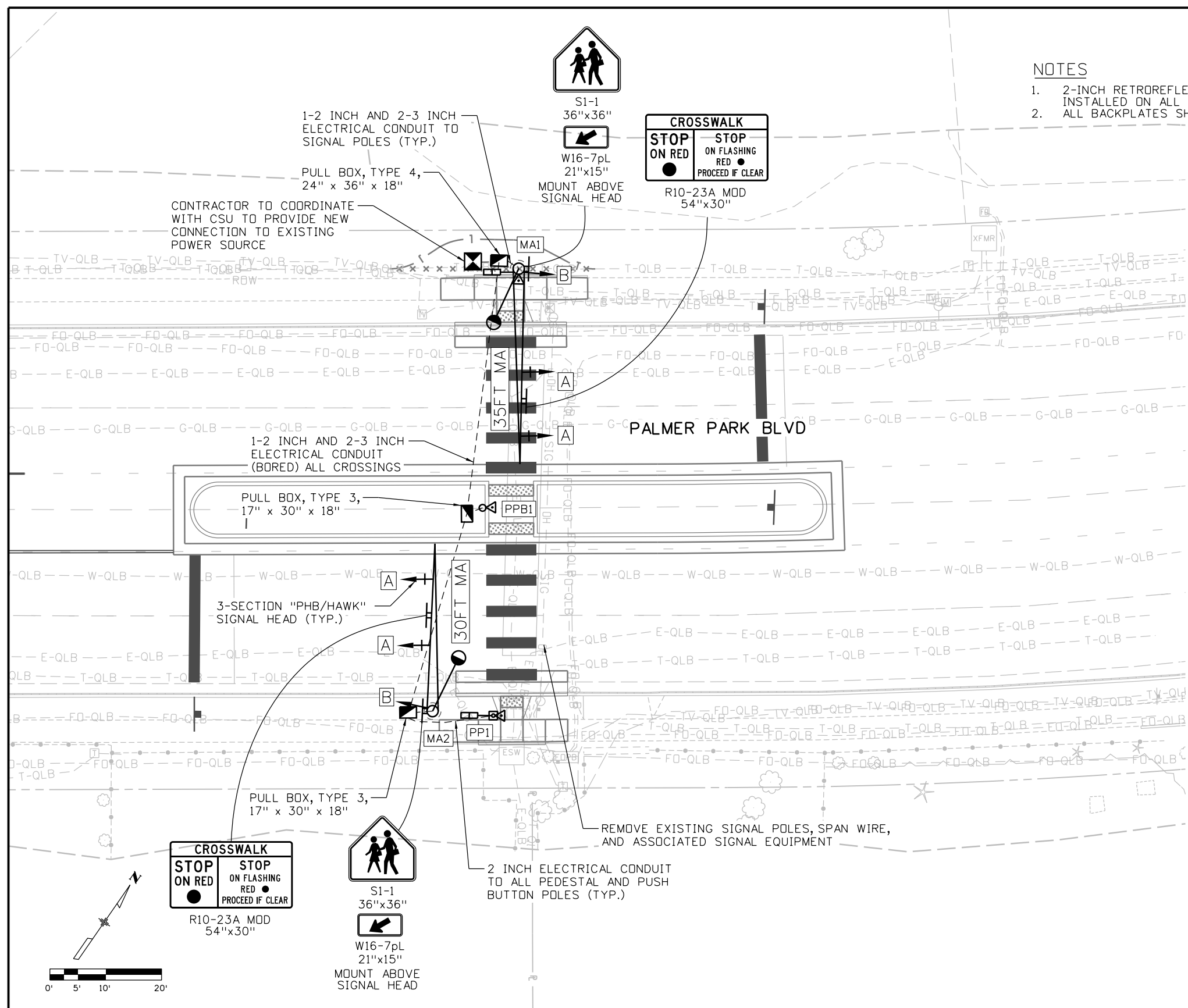
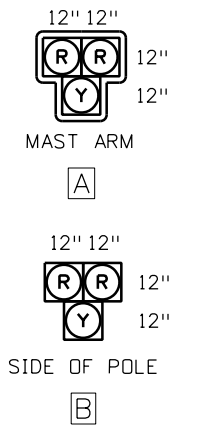
**NOTES**

1. 2-INCH RETROREFLECTIVE YELLOW BORDER TO BE INSTALLED ON ALL TRAFFIC SIGNAL BACKPLATES
2. ALL BACKPLATES SHALL BE LOUVERED

**LEGEND**

- EXISTING SPAN WIRE POLE
- EXISTING SPAN WIRE
- EXISTING PULL BOX
- EXISTING CONTROLLER CABINET
- EXISTING SIGNAL POLE AND MAST ARM
- PULL BOX
- SIGNAL FACE WITH BACKPLATE
- SIGNAL FACE
- PEDESTRIAN SIGNAL FACE
- CONDUIT
- PEDESTAL POLE
- PUSH BUTTON & POLE
- LUMINAIRE
- CONTROLLER CABINET
- SIGNAL POLE AND MAST ARM
- SIGN PANEL

POLE SCHEDULE			
POLE ID	EASTING	NORTHING	CAISSON
MA1	1917256.79	718916.96	36"x14'
MA2	1917289.27	718843.03	36"x14'
PP1	1917298.66	718848.58	18" x 3'
PPB1	1917275.88	718878.06	18" x 2'



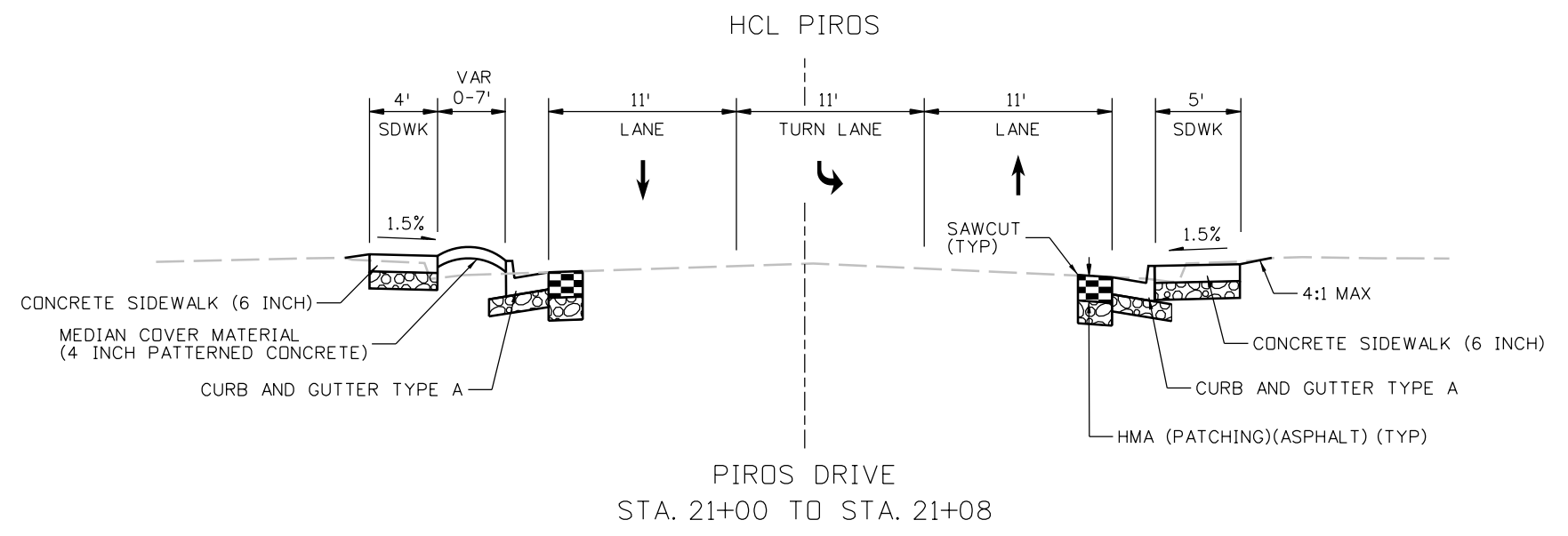
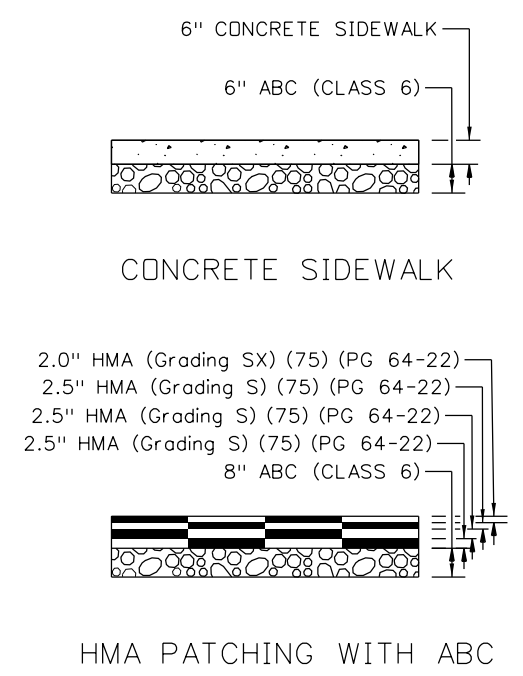
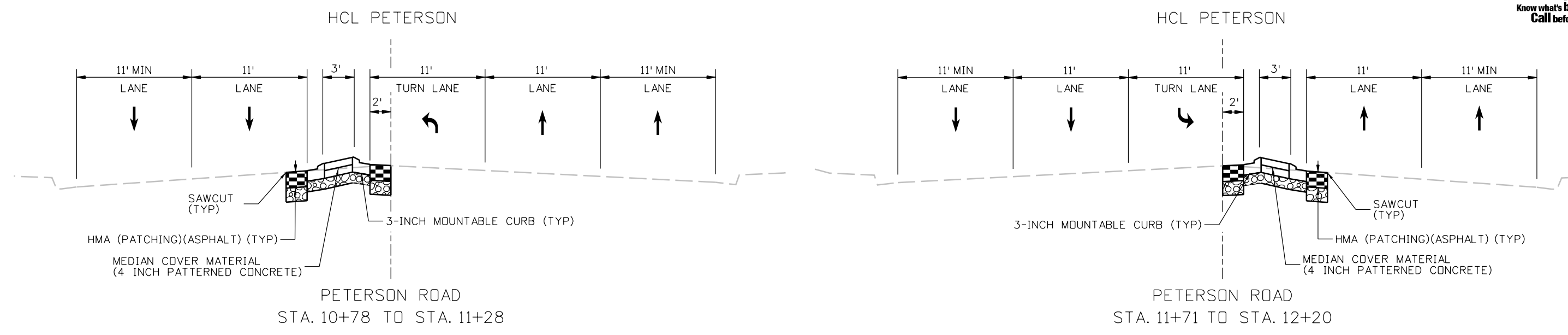
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All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/30/2025	Sheet Revisions				As Constructed	PEDESTRIAN CROSSINGS PACKAGE 2		Project No./Code		
	File Name: 25188_TRF_PLN-SIG-P2.dgn	Date:	Comments	Init.			No Revisions:	TRAFFIC SIGNALS		RFP-24-007	
	Unit Information						Revised:	Designer: GBAKER		Structure Numbers:	26666
	5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800						Void:	Detailer: JOTTS		Subset Sheets: 8 of 9	Sheet Number <b>76</b>





JLERNER 3:14:45 PM p:\p\pwhdruscen01:HDR\_US\_Central\_01\Documents\EL\_Paso\_County\_CAD\EL\_Paso\_Pedestrian\_Crossings\6.0\_CAD\_BIM\6.2\_WIP\25188\_Roadway\Sheets\Package 2\_Typical Sections Peterson Road and Piros Drive

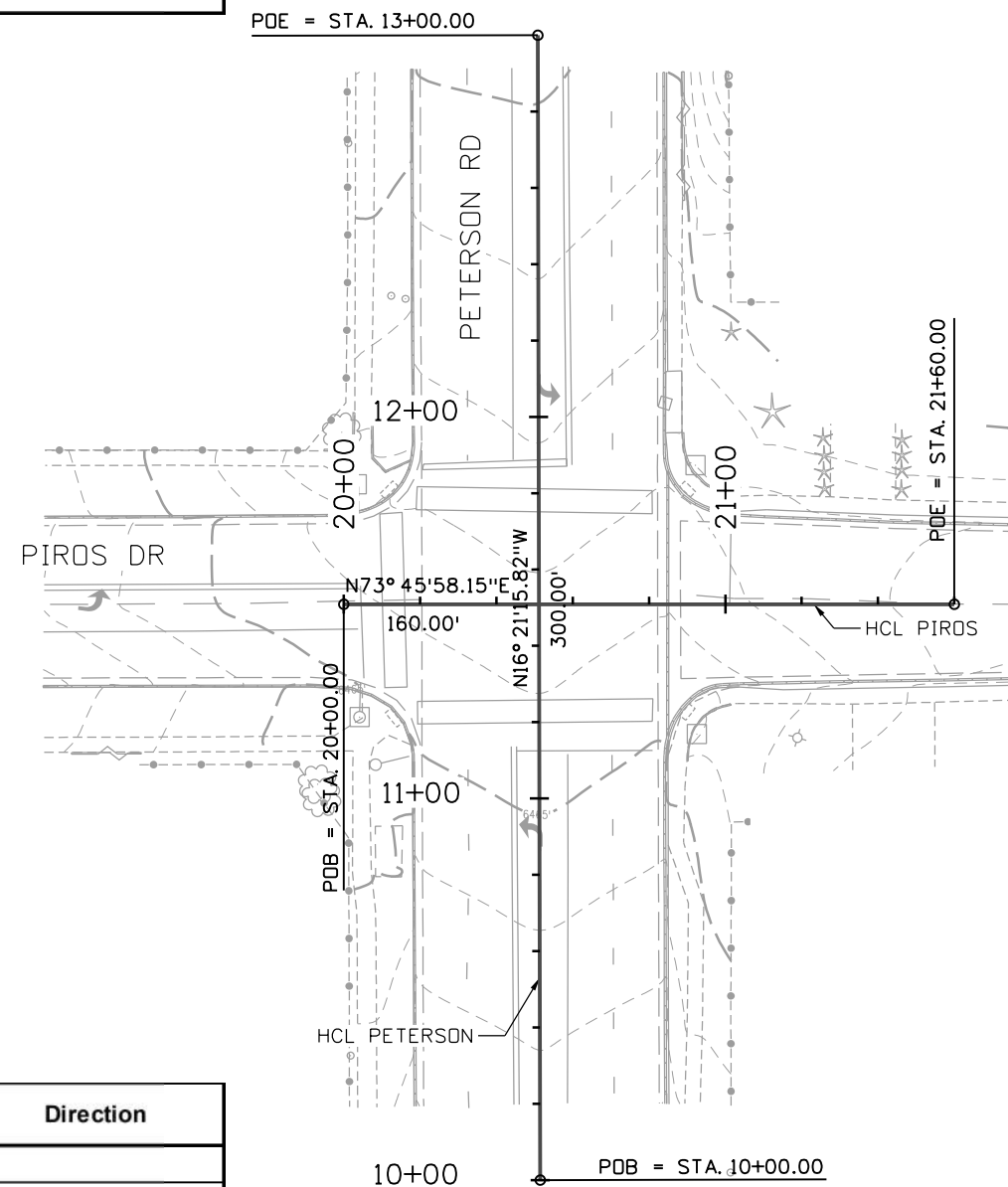


All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/30/2025	Sheet Revisions				As Constructed	PEDESTRIAN CROSSINGS PACKAGE 2		Project No./Code	
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	Horiz. Scale: Vert. Scale: As Noted					Revised:	PIROS DR AND PETERSON RD			26666
	Unit Information					Void:	Designer: JLERNER	Structure Numbers		
	5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800					Sheet Subset: P DPR	Subset Sheets: 1 of 10			Sheet Number <b>78</b>

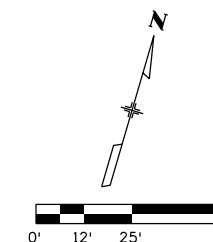


Know what's below.  
Call before you dig.

Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Direction
<b>Alignment Name:</b> ALG_PETERSON							
<b>Description:</b> Peterson Road (Peterson Road and Piros Drive)							
<b>Alignment Style:</b> Alignment\Proposed Alignment							
START	10+00.00	719446.22	1916173.02				
					300		N16°21'16"W
END	13+00.00	719734.08	1916088.55				



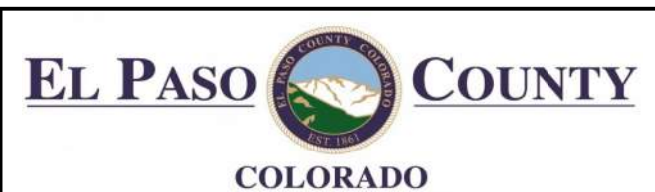
Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Direction
<b>Alignment Name:</b> ALG_PIROES							
<b>Description:</b> Piros Drive (Peterson Road and Piros Drive)							
<b>Alignment Style:</b> Alignment\Proposed Alignment							
START	20+00.00	719576.69	1916081.40				
					160.00		N73°45'58"E
END	21+60.00	719621.42	1916235.02				



All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
 File Name: 25188\_RDY\_GEO-05-PTSN-PIRS.dgn  
 Horiz. Scale: Vert. Scale: As Noted  
 Unit Information  
 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed
No Revisions:
Revised:
Void:

**PEDESTRIAN CROSSINGS PACKAGE 2**  
**PIROS DR AND PETERSON RD**  
**GEOMETRIC LAYOUT**

Designer: JLERNER  
 Detailer: GPRINCE  
 Sheet Subset: P DPR  
 Structure Numbers:  
 Subset Sheets: 2 of 10

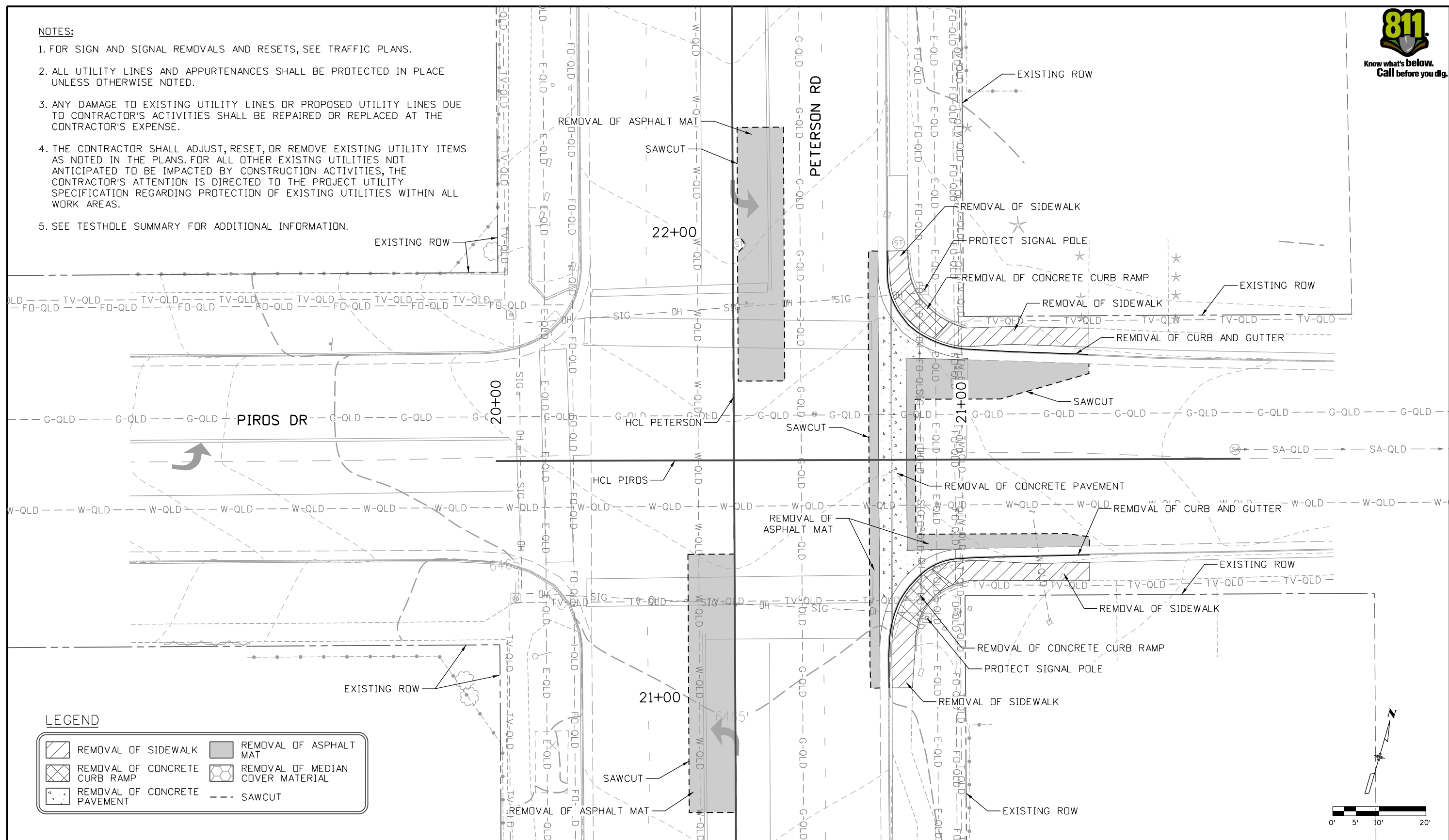
Project No./Code  
 RFP-24-007  
 26666  
 Sheet Number **79**

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**NOTES:**

1. FOR SIGN AND SIGNAL REMOVALS AND RESETS, SEE TRAFFIC PLANS.
2. ALL UTILITY LINES AND APPURTENANCES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
3. ANY DAMAGE TO EXISTING UTILITY LINES OR PROPOSED UTILITY LINES DUE TO CONTRACTOR'S ACTIVITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL ADJUST, RESET, OR REMOVE EXISTING UTILITY ITEMS AS NOTED IN THE PLANS. FOR ALL OTHER EXISTING UTILITIES NOT ANTICIPATED TO BE IMPACTED BY CONSTRUCTION ACTIVITIES, THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PROJECT UTILITY SPECIFICATION REGARDING PROTECTION OF EXISTING UTILITIES WITHIN ALL WORK AREAS.
5. SEE TESTHOLE SUMMARY FOR ADDITIONAL INFORMATION.



**LEGEND**

	REMOVAL OF SIDEWALK		REMOVAL OF ASPHALT MAT
	REMOVAL OF CONCRETE CURB RAMP		REMOVAL OF MEDIAN COVER MATERIAL
	REMOVAL OF CONCRETE PAVEMENT		SAWCUT

All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
File Name: 25188_RDY_REM-05-PTSN-PIRS.dgn
Horiz. Scale:      Vert. Scale: As Noted
Unit Information
5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2 ROADWAY REMOVAL PLAN PIROS DR AND PETERSON RD			
Designer:	JLERNER	Structure Numbers	
Detailer:	GPRINCE		
Sheet Subset:	P DPR	Subset Sheets:	3 of 10

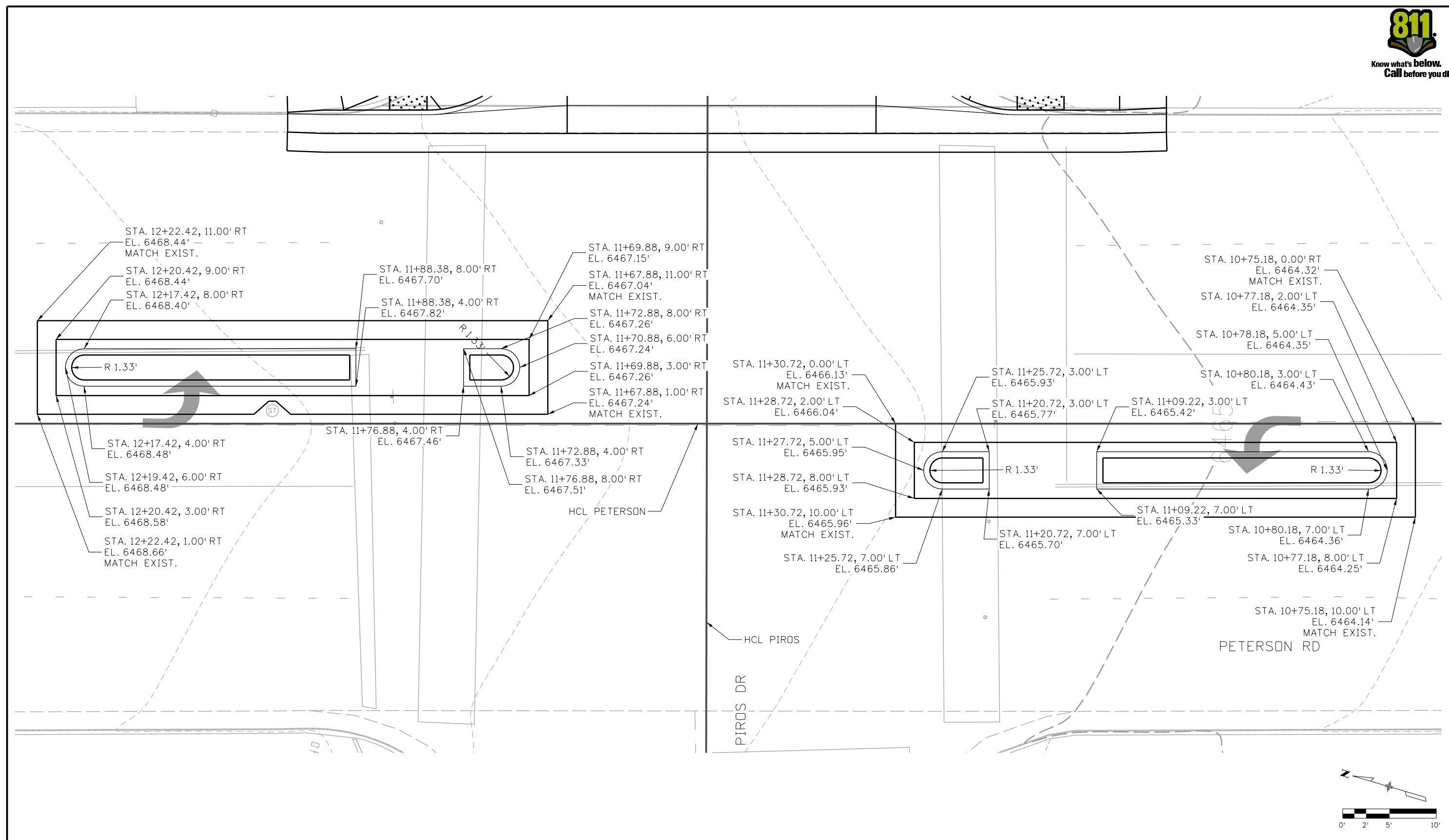
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	26666
Sheet Number	<b>80</b>

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JLERNER 3:16:02 PM pw:\p\pwhruscen01:HDR\_US\_Central\_01\Documents\EL\_Paso\_County\_CAD\EL\_Paso\_Pedestrian\_Crossings\6.0\_CAD\_BIM\6.2\_WIP\25188\Roadway\Sheets\Package 2\_Detail\Sheets\Peterson Road and Piros Drive



Print Date: 10/30/2025
File Name: 25188_RDY_DTL-05-PTSN-PIRS.dgn
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<b>HDR</b> 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

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Date:	Comments	Init.

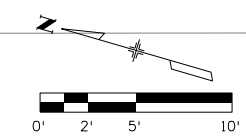
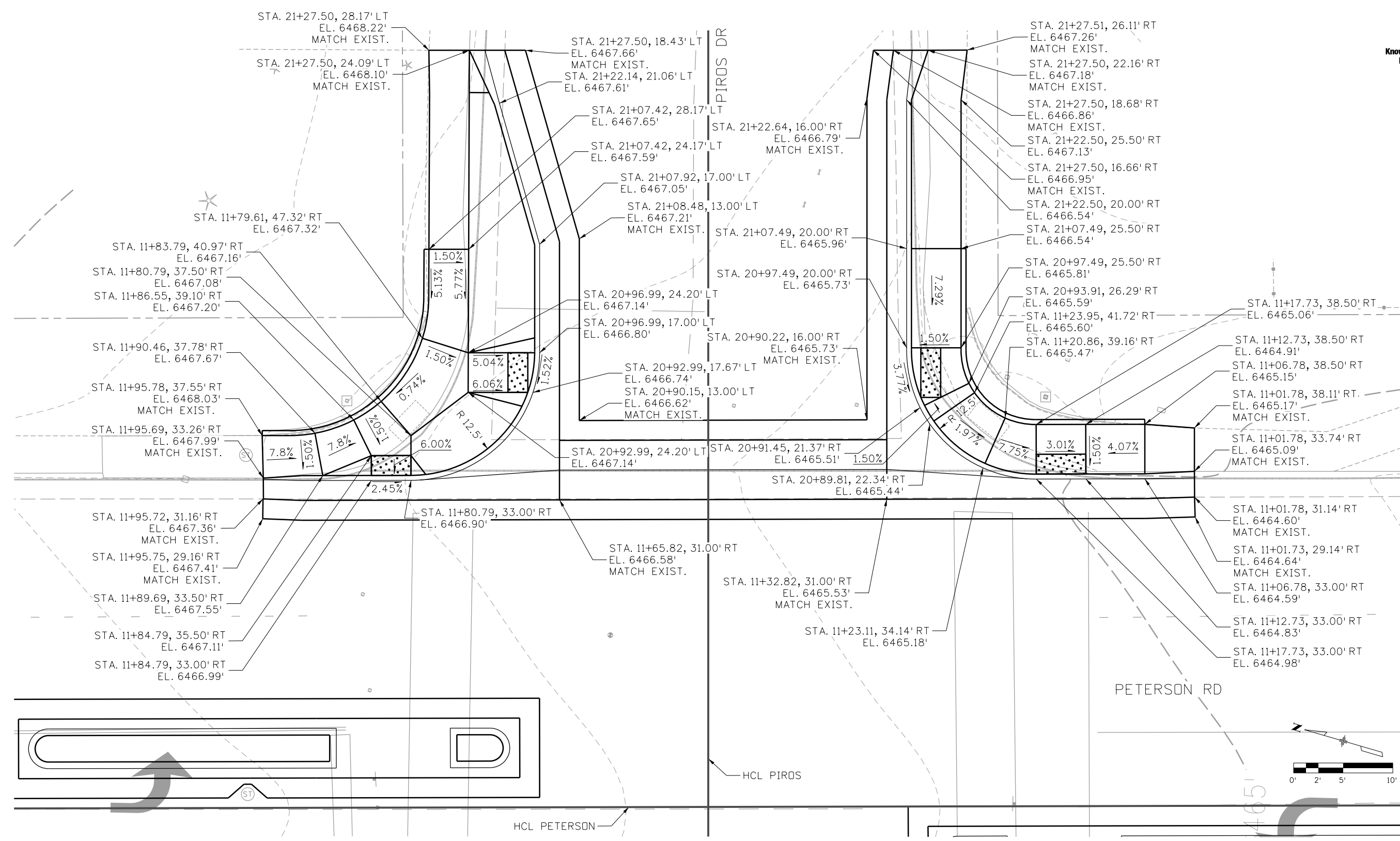


As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2 ROADWAY INTERSECTION DETAILS PIROS DR AND PETERSON (1 OF 2)			
Designer:	JLERNER	Structure Numbers:	
Detailer:	GPRINCE		
Sheet Subset:	P DPR	Subset Sheets:	5 of 10

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>82</b>

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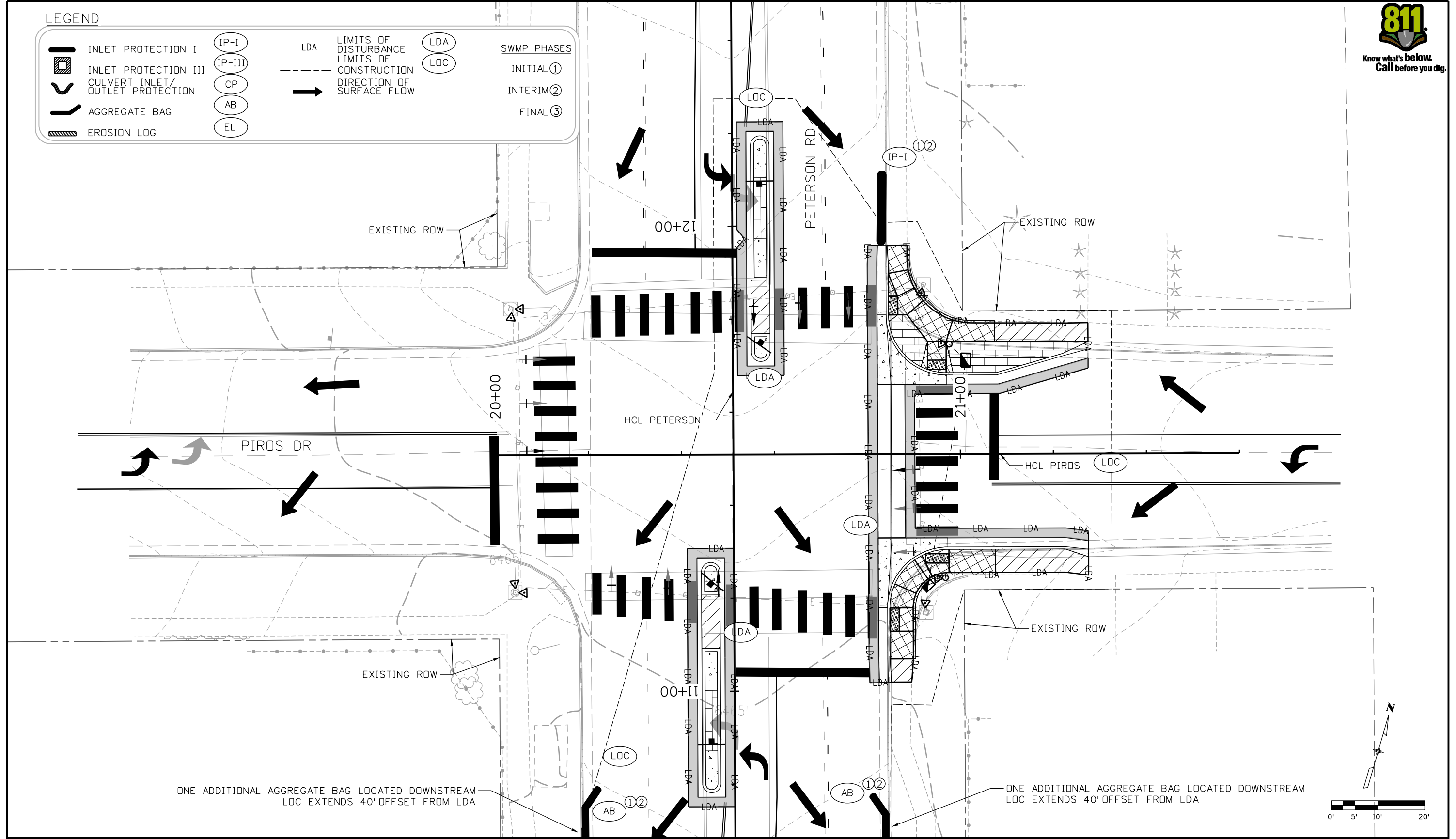
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	Horiz. Scale:      Vert. Scale: As Noted				Revised:		Designer: JLERNER	Structure Numbers	26666	
	Unit Information				Void:		Detailer: XREYNOLDS	Sheet Subst: P DPR		
	5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800									

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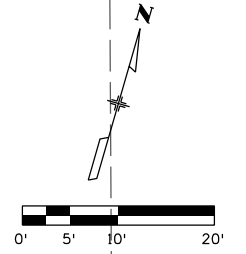
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	INLET PROTECTION III		IP-III		LIMITS OF CONSTRUCTION		LDA		INITIAL ①
	CULVERT INLET/OUTLET PROTECTION		CP		DIRECTION OF SURFACE FLOW		LOC		INTERIM ②
	AGGREGATE BAG		AB						FINAL ③
	EROSION LOG		EL						



ONE ADDITIONAL AGGREGATE BAG LOCATED DOWNSTREAM  
LOC EXTENDS 40' OFFSET FROM LDA

ONE ADDITIONAL AGGREGATE BAG LOCATED DOWNSTREAM  
LOC EXTENDS 40' OFFSET FROM LDA



All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025
File Name: 25188_SWMP-05-PTSN-PIRS.dgn
Horiz. Scale:            Vert. Scale: As Noted
Unit Information
5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



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No Revisions:
Revised:
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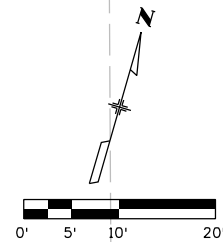
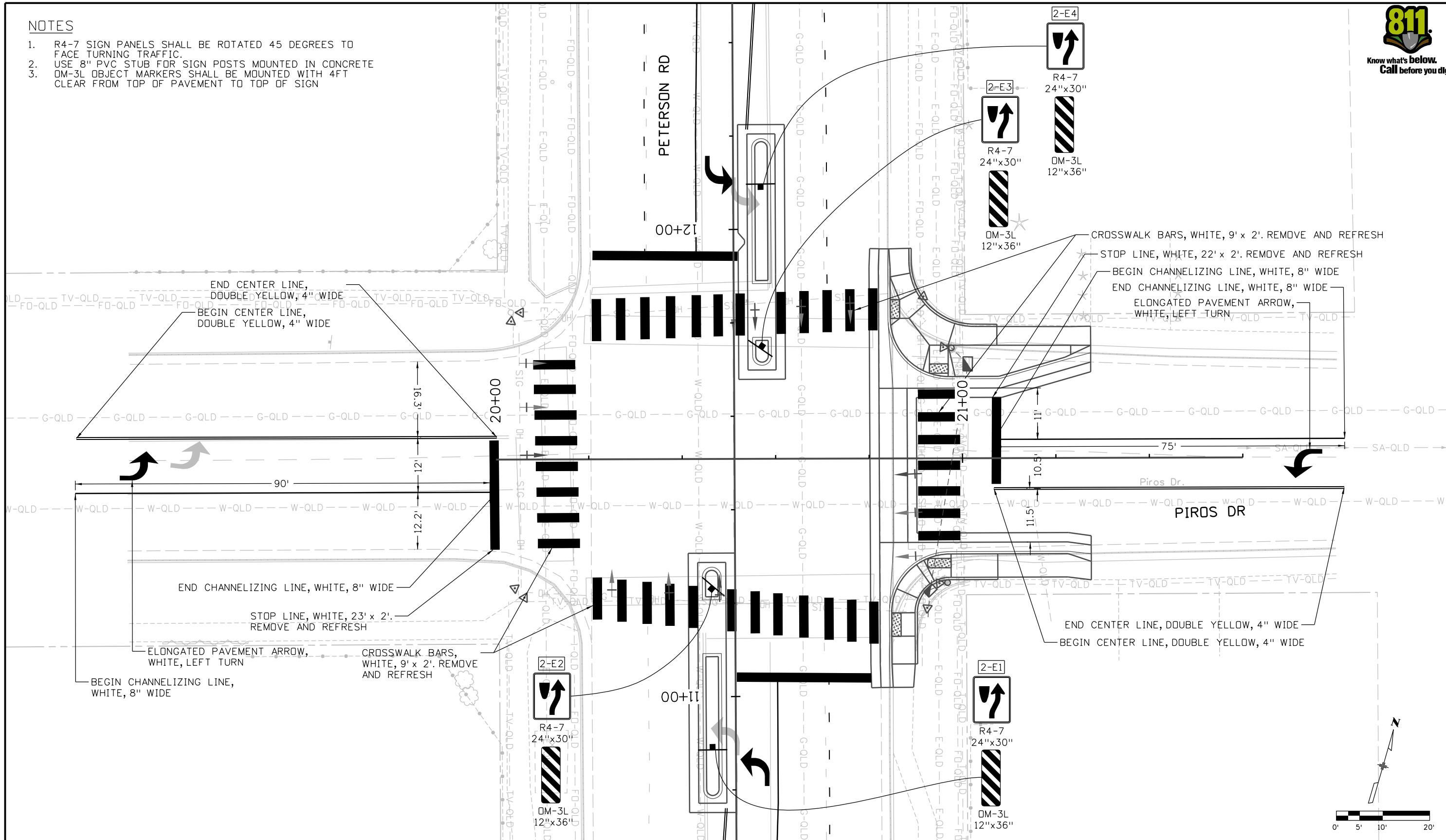
PEDESTRIAN CROSSINGS PACKAGE 2			
SWMP PLAN			
PIROS DR AND PETERSON RD			
Designer:	SACOSTA	Structure Numbers:	
Detailer:	CBURLISON	Subset Sheets:	7 of 10
Sheet Subset:	P DPR		

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>84</b>



**NOTES**

- R4-7 SIGN PANELS SHALL BE ROTATED 45 DEGREES TO FACE TURNING TRAFFIC.
- USE 8" PVC STUB FOR SIGN POSTS MOUNTED IN CONCRETE
- DM-3L OBJECT MARKERS SHALL BE MOUNTED WITH 4FT CLEAR FROM TOP OF PAVEMENT TO TOP OF SIGN



JLERNER 3:16:44 PM p:\p\pwhruscen01:HDR\_US\_Central\_01\Documents\EL\_Paso\_County\_Pedestrian\_Crossings\6.0\_CAD\_BIM\6.2\_WIP\25188\_Traffic\ITS\_Sheets\25188\_TRF\_PLN-SS-P2.dgn

All seals for this set of drawings are applied to the cover page(s)

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<b>HR</b> 5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



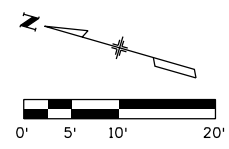
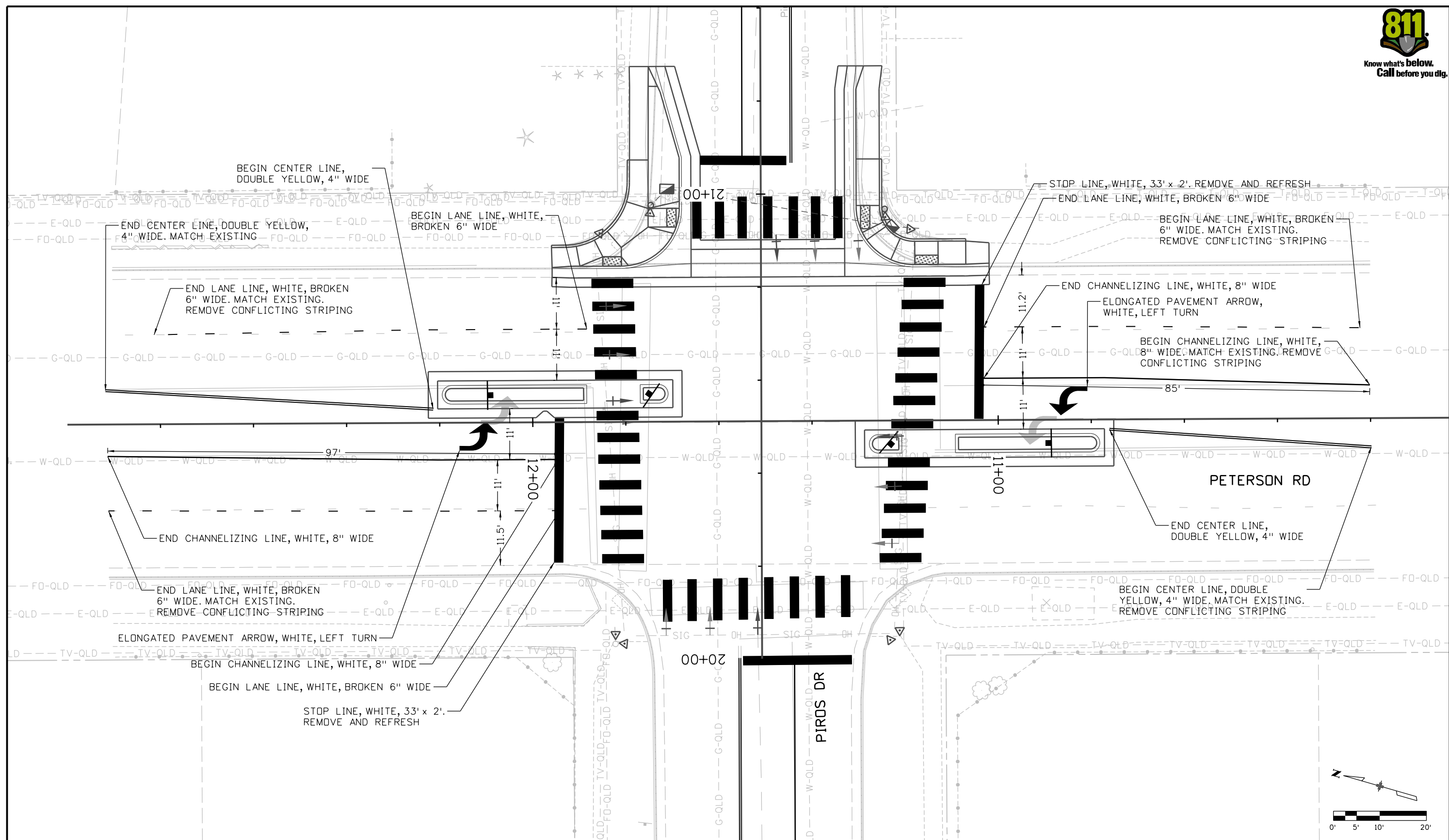
As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2 SIGNING AND STRIPING PIROS DR AND PETERSON RD 1			
Designer:	GBAKER	Structure Numbers	
Detailer:	JOTTS		
Sheet Subset:	P DPR	Subset Sheets:	8 of 10

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>85</b>



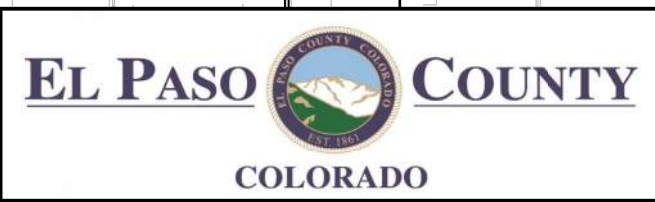
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All seals for this set of drawings are applied to the cover page(s)

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File Name: 25188_TRF_PLN-SS-P2.dgn
Horiz. Scale: 1"=XX' Vert. Scale: As Noted
Unit Information
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Sheet Revisions		
Date:	Comments	Init.



As Constructed
No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2		
SIGNING AND STRIPING		
PIROS DR AND PETERSON RD 2		
Designer: GBAKER	Structure Numbers:	
Detailer: JOTTS		
Sheet Subset: PDPR	Subset Sheets: 9 of 10	

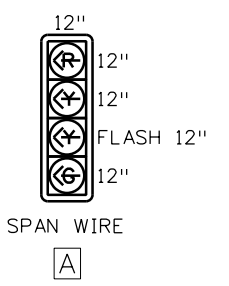
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RFP-24-007
26666
Sheet Number <b>86</b>



**LEGEND**

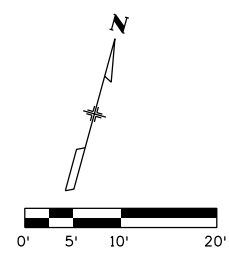
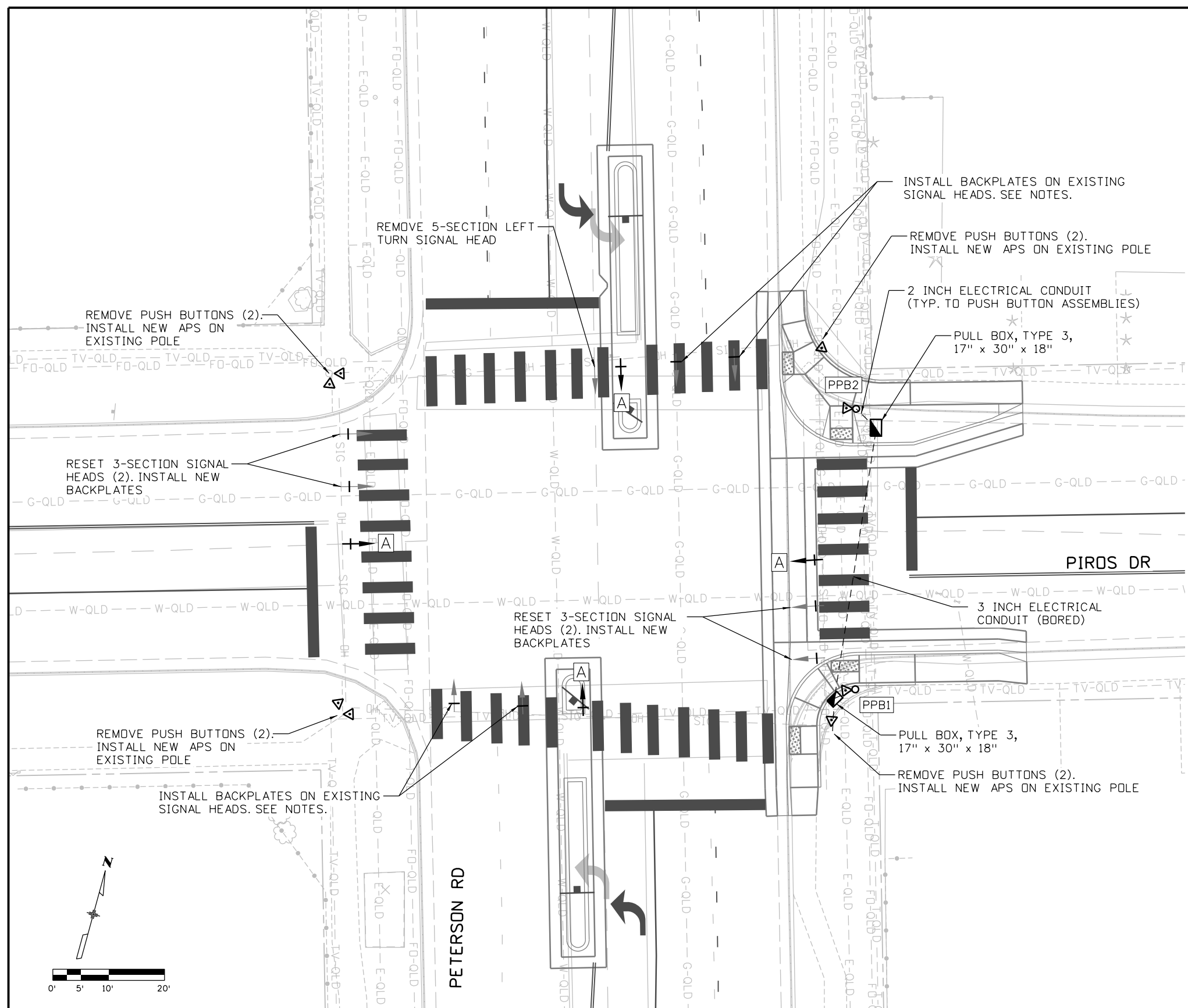
- EXISTING SPAN WIRE POLE
- EXISTING SPAN WIRE
- EXISTING PULL BOX
- EXISTING CONTROLLER CABINET
- EXISTING SIGNAL POLE AND MAST ARM
- PULL BOX
- SIGNAL FACE WITH BACKPLATE
- SIGNAL FACE
- PEDESTRIAN SIGNAL FACE
- CONDUIT
- PEDESTAL POLE
- PUSH BUTTON & POLE
- LUMINAIRE
- CONTROLLER CABINET
- SIGNAL POLE AND MAST ARM
- SIGN PANEL

POLE SCHEDULE			
POLE ID	EASTING	NORTHING	CAISSON
PPB1	1916181.70	719578.18	18" x 2'
PPB2	1916168.58	719626.68	18" x 2'



**NOTES**

- 2-INCH RETROREFLECTIVE YELLOW BORDER TO BE INSTALLED ON ALL TRAFFIC SIGNAL BACKPLATES
- ALL BACKPLATES SHALL BE LOUVERED
- EXISTING SIGNAL HEADS SHALL BE RESET TO MAINTAIN MIN. 8FT LATERAL SEPARATION. HEADS SHALL BE CENTERED ON LANE APPROACH

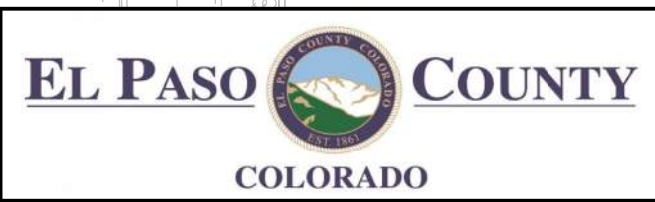


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All seals for this set of drawings are applied to the cover page(s)

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 Horiz. Scale: 1"=XX' Vert. Scale: As Noted  
 Unit Information  
 5555 TECH CENTER DRIVE, SUITE 310  
 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



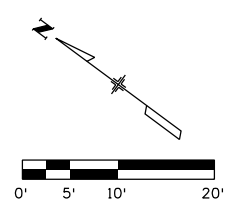
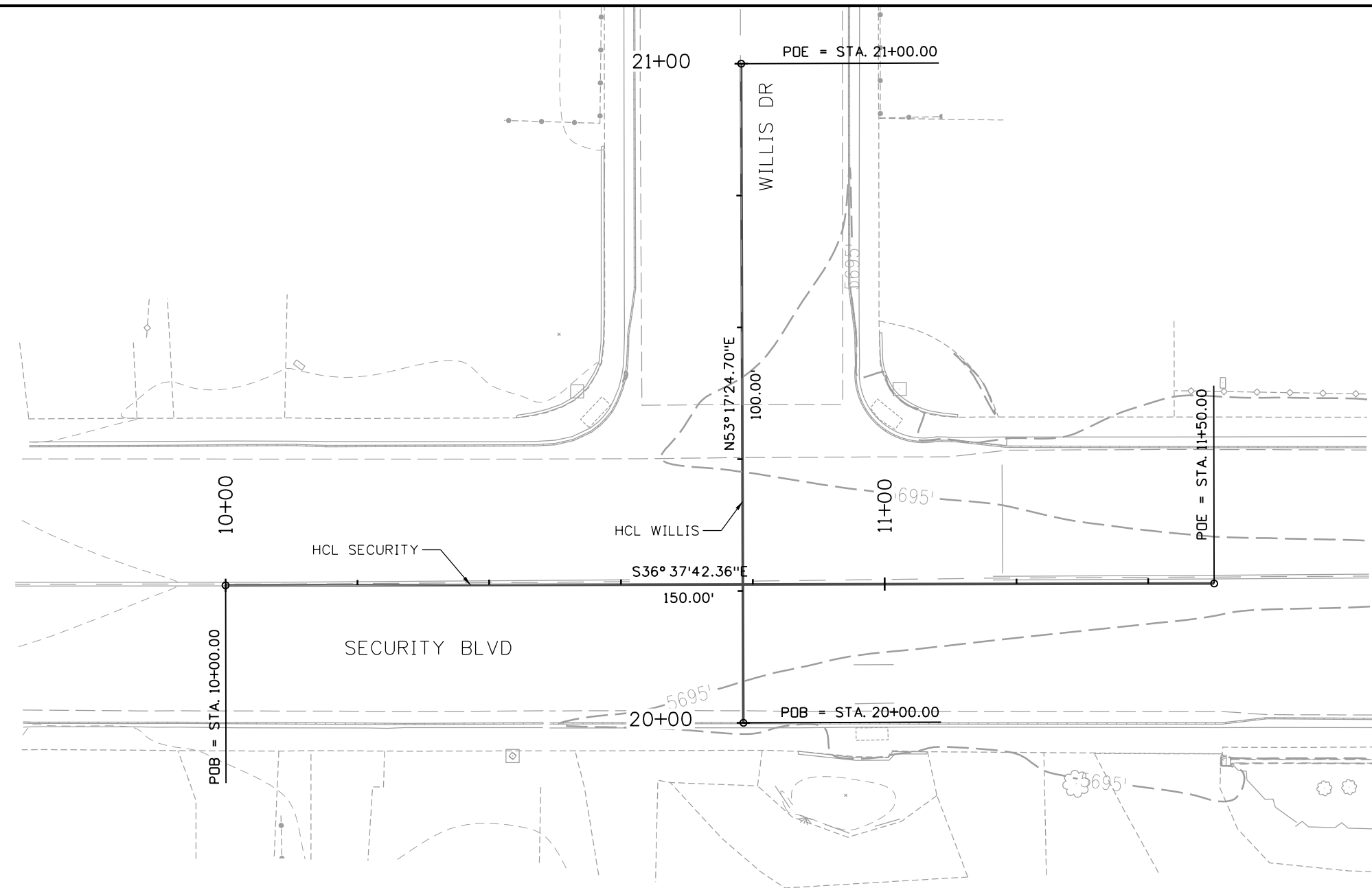
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PEDESTRIAN CROSSINGS PACKAGE 2 TRAFFIC SIGNALS PIROS DR AND PETERSON RD			
Designer:	GBAKER	Structure Numbers:	
Detailer:	JOTTS		
Sheet Subset:	P DPR	Subset Sheets:	10 of 10

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>87</b>



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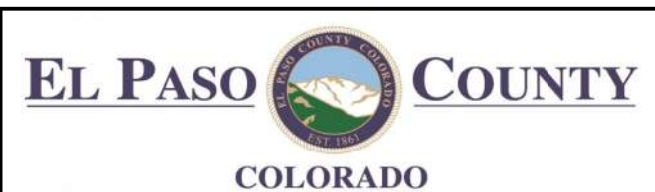
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<b>Description:</b> Security Blvd (Security Blvd and Willis Drive)							
<b>Alignment Style:</b> Alignment\Proposed Alignment							
START	10+00.00	675485.45	1907909.42				
					150.00		S36°37'42"E
END	11+50.00	675365.07	1907998.91				

Point Type	Station	Northing	Easting	Radius	Length	Delta / Theta	Direction
<b>Alignment Name:</b> ALG_WILLIS							
<b>Description:</b> Willis Drive (Security Blvd and Willis Drive)							
<b>Alignment Style:</b> Alignment\Proposed Alignment							
START	20+00.00	675409.90	1907939.41				
					100.00		N53°17'25"E
END	21+00.00	675469.68	1908019.58				

All seals for this set of drawings are applied to the cover page(s)

Print Date: 10/30/2025  
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 COLORADO SPRINGS, CO 80919  
 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



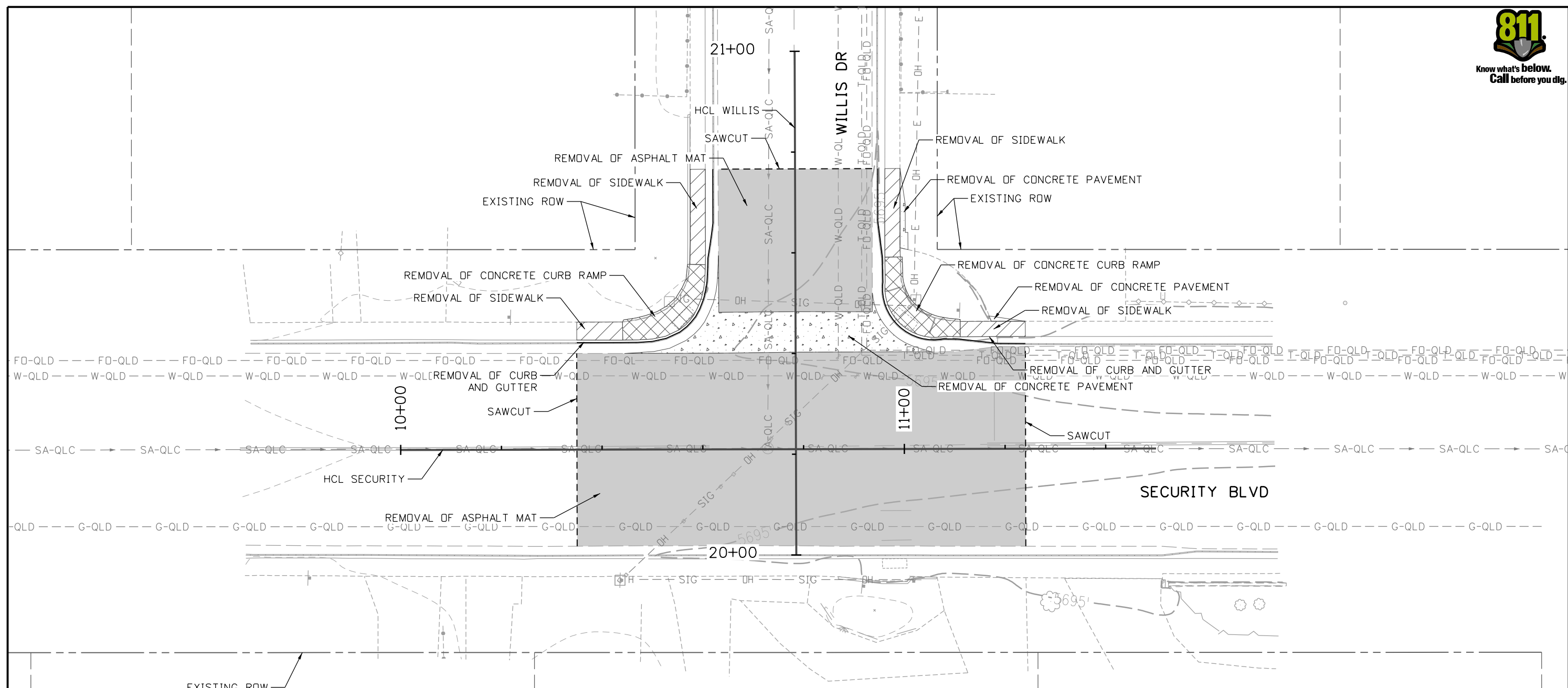
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**PEDESTRIAN CROSSINGS PACKAGE 2  
 GEOMETRIC LAYOUT  
 SECURITY BLVD AND WILLIS DR**  
 Designer: JLERNER  
 Detailer: GPRINCE  
 Sheet Subset: SEWS  
 Structure Numbers:  
 Subset Sheets: 2 of 8

Project No./Code  
 RFP-24-007  
 26666  
 Sheet Number **89**



JLERNER 3:18:13 PM p:\pwhruscen01\HDR\_US\_Central\_01\Documents\El\_Paso\_County\_Pedestrian\_Crossings\6.0\_CAD\_BIM\_6.2\_WIP\25188\_Roadway\Sheets\Package 2\Removal Sheets Security Boulevard and Willis Drive

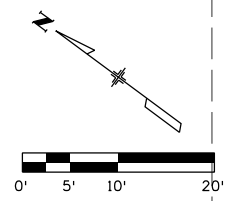


**LEGEND**

	REMOVAL OF SIDEWALK		REMOVAL OF ASPHALT MAT
	REMOVAL OF CONCRETE CURB RAMP		REMOVAL OF MEDIAN COVER MATERIAL
	REMOVAL OF CONCRETE PAVEMENT		SAWCUT

**NOTES:**

1. FOR SIGN AND SIGNAL REMOVALS AND RESETS, SEE TRAFFIC PLANS.
2. ALL UTILITY LINES AND APPURTENANCES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
3. ANY DAMAGE TO EXISTING UTILITY LINES OR PROPOSED UTILITY LINES DUE TO CONTRACTOR'S ACTIVITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL ADJUST, RESET, OR REMOVE EXISTING UTILITY ITEMS AS NOTED IN THE PLANS. FOR ALL OTHER EXISTING UTILITIES NOT ANTICIPATED TO BE IMPACTED BY CONSTRUCTION ACTIVITIES, THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PROJECT UTILITY SPECIFICATION REGARDING PROTECTION OF EXISTING UTILITIES WITHIN ALL WORK AREAS.



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Print Date: 10/30/2025
File Name: 25188_RDY_REM-06-SCTY-WILS.dgn
Horiz. Scale:            Vert. Scale: As Noted
Unit Information
5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



As Constructed
No Revisions:
Revised:
Void:

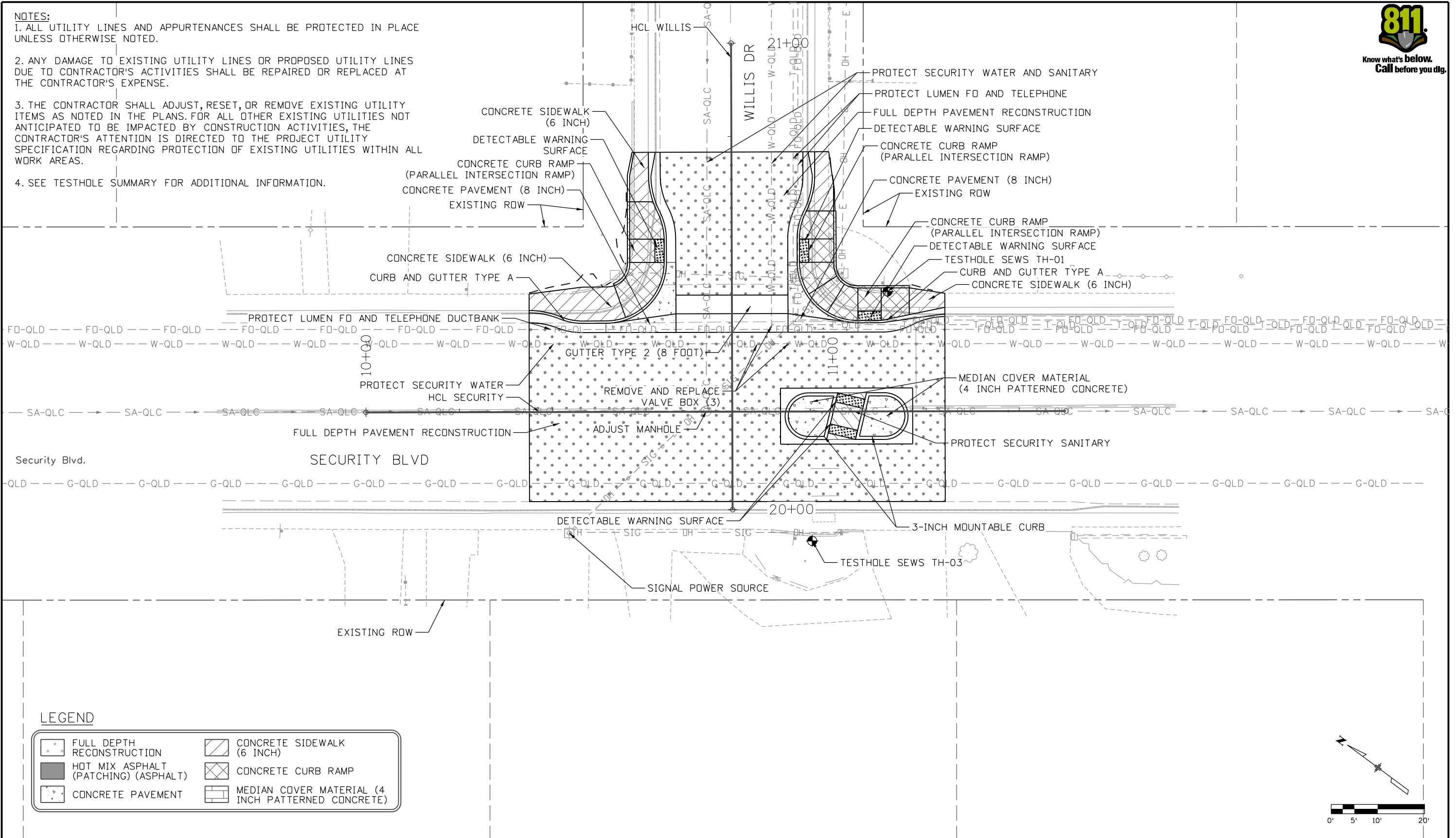
<b>PEDESTRIAN CROSSINGS PACKAGE 2 ROADWAY REMOVAL PLAN SECURITY BLVD AND WILLIS DR</b>			
Designer:	JLERNER	Structure Numbers	
Detailer:	GPRINCE		
Sheet Subset:	SEWS	Subset Sheets:	3 of 8

Project No./Code	RFP-24-007
	26666
Sheet Number	<b>90</b>

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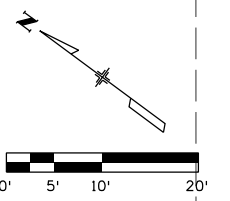


- NOTES:**
1. ALL UTILITY LINES AND APPURTENANCES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
  2. ANY DAMAGE TO EXISTING UTILITY LINES OR PROPOSED UTILITY LINES DUE TO CONTRACTOR'S ACTIVITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
  3. THE CONTRACTOR SHALL ADJUST, RESET, OR REMOVE EXISTING UTILITY ITEMS AS NOTED IN THE PLANS. FOR ALL OTHER EXISTING UTILITIES NOT ANTICIPATED TO BE IMPACTED BY CONSTRUCTION ACTIVITIES, THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PROJECT UTILITY SPECIFICATION REGARDING PROTECTION OF EXISTING UTILITIES WITHIN ALL WORK AREAS.
  4. SEE TESTHOLE SUMMARY FOR ADDITIONAL INFORMATION.



**LEGEND**

	FULL DEPTH RECONSTRUCTION		CONCRETE SIDEWALK (6 INCH)
	HOT MIX ASPHALT (PATCHING) (ASPHALT)		CONCRETE CURB RAMP
	CONCRETE PAVEMENT		MEDIAN COVER MATERIAL (4 INCH PATTERNED CONCRETE)



All seals for this set of drawings are applied to the cover page(s)	Print Date: 10/30/2025	<b>Sheet Revisions</b>				<b>As Constructed</b>		<b>PEDESTRIAN CROSSINGS PACKAGE 2</b>		<b>Project No./Code</b>		
	File Name: 25188_RDY_PLN-06-SCTY-WILS.dgn	Date:	Comments	Init.		No Revisions:	<b>ROADWAY INTERSECTION PLAN</b>		<b>SECURITY BLVD AND WILLIS DR</b>		RFP-24-007	
	Horiz. Scale:      Vert. Scale: As Noted					Revised:	Designer: JLERNER	Structure Numbers:	26666		Sheet Number <b>91</b>	
	Unit Information					Void:	Detailer: GPRINCE	Sheet Subset: SEWS	Subset Sheets: 4 of 8			
5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800												

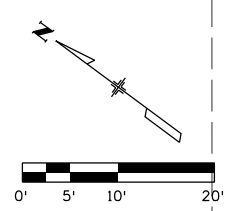
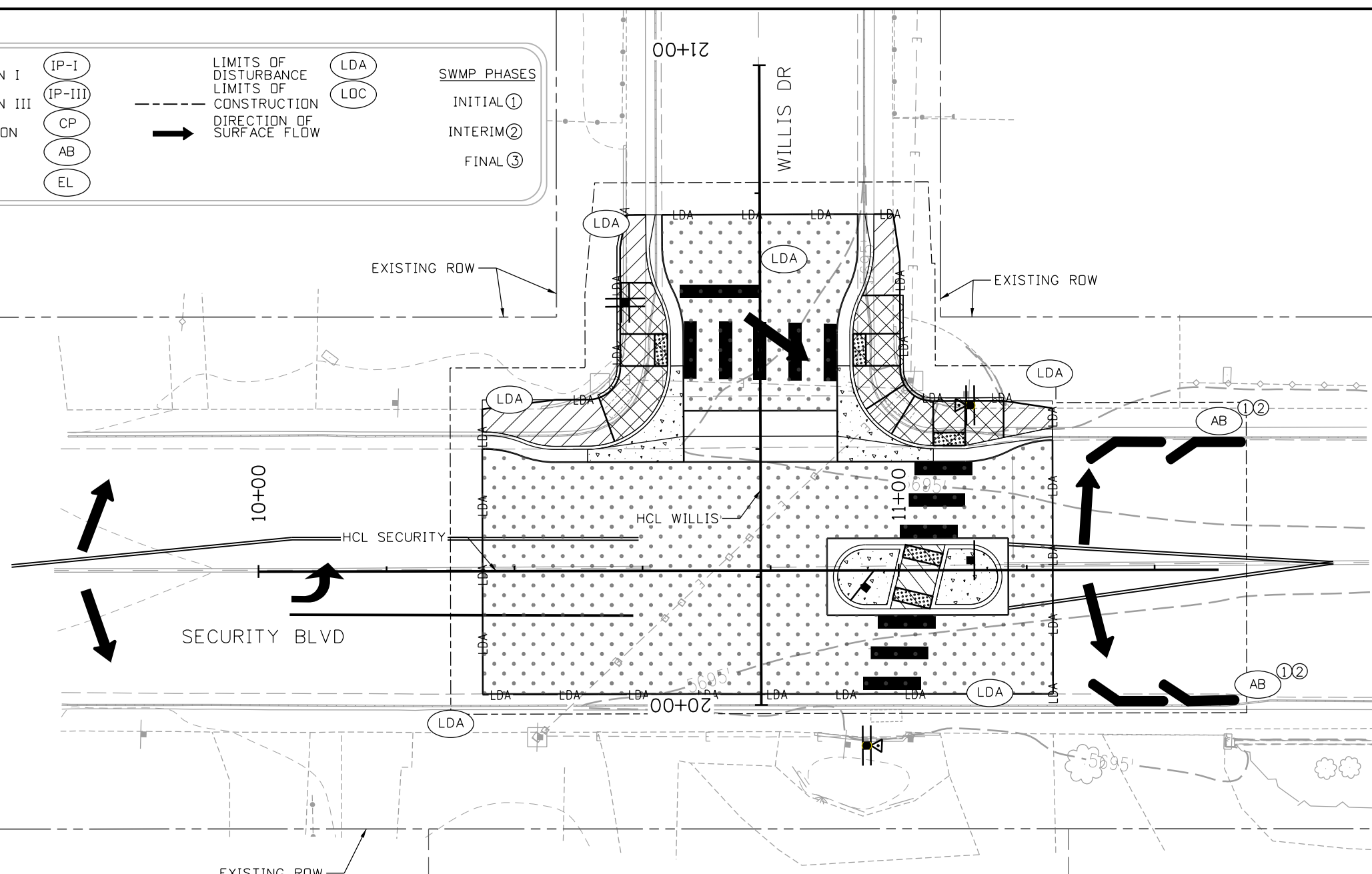


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LEGEND

	INLET PROTECTION I		IP-I	LIMITS OF DISTURBANCE LIMITS OF CONSTRUCTION DIRECTION OF SURFACE FLOW		LDA	SWMP PHASES INITIAL ① INTERIM ② FINAL ③
	INLET PROTECTION III		IP-III			LOC	
	CULVERT INLET/OUTLET PROTECTION		CP				
	AGGREGATE BAG		AB				
	EROSION LOG		EL				



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File Name: 25188_SWMP-06-SCTY-WILS.dgn
Horiz. Scale:      Vert. Scale: As Noted
Unit Information
5555 TECH CENTER DRIVE, SUITE 310 COLORADO SPRINGS, CO 80919 Phone: 719-272-8800

Sheet Revisions		
Date:	Comments	Init.



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No Revisions:
Revised:
Void:

PEDESTRIAN CROSSINGS PACKAGE 2	
SWMP PLAN	
SECURITY BLVD AND WILLIS DR	
Designer: SACOSTA	Structure Numbers
Detailer: CBURLISON	
Sheet Subset: SEWS	Subset Sheets: 6 of 8

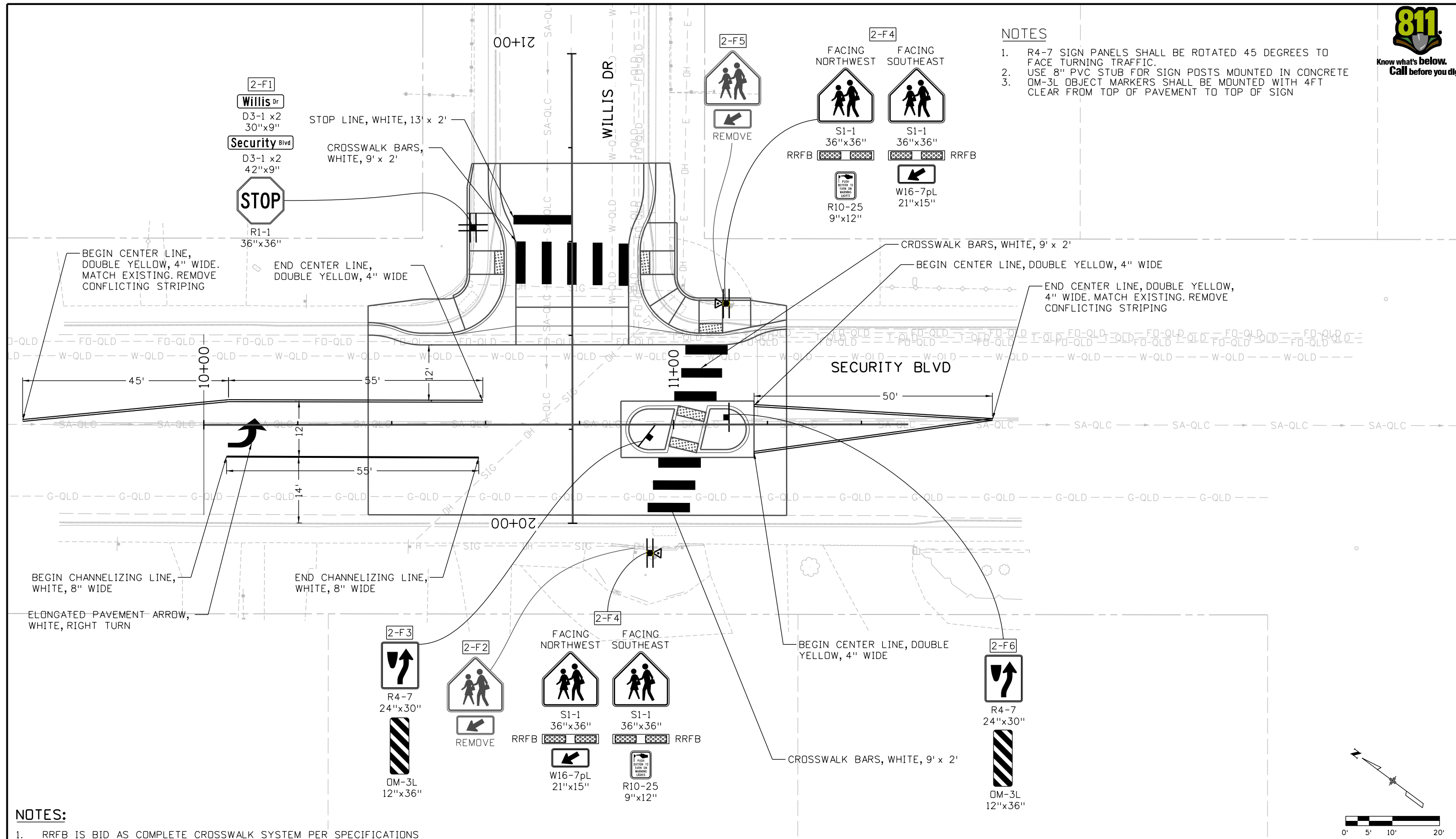
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	26666
Sheet Number	93

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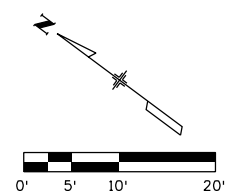
**NOTES**

- R4-7 SIGN PANELS SHALL BE ROTATED 45 DEGREES TO FACE TURNING TRAFFIC.
- USE 8" PVC STUB FOR SIGN POSTS MOUNTED IN CONCRETE
- OM-3L OBJECT MARKERS SHALL BE MOUNTED WITH 4FT CLEAR FROM TOP OF PAVEMENT TO TOP OF SIGN



**NOTES:**

- RRFB IS BID AS COMPLETE CROSSWALK SYSTEM PER SPECIFICATIONS



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	Date:	Comments	Init.																									
Revised: Void:		Designer: GBAKER Detailer: JOTTS Sheet Subset: SEWS		Structure Numbers Subset Sheets: 7 of 8		26666 Sheet Number <b>94</b>																						

