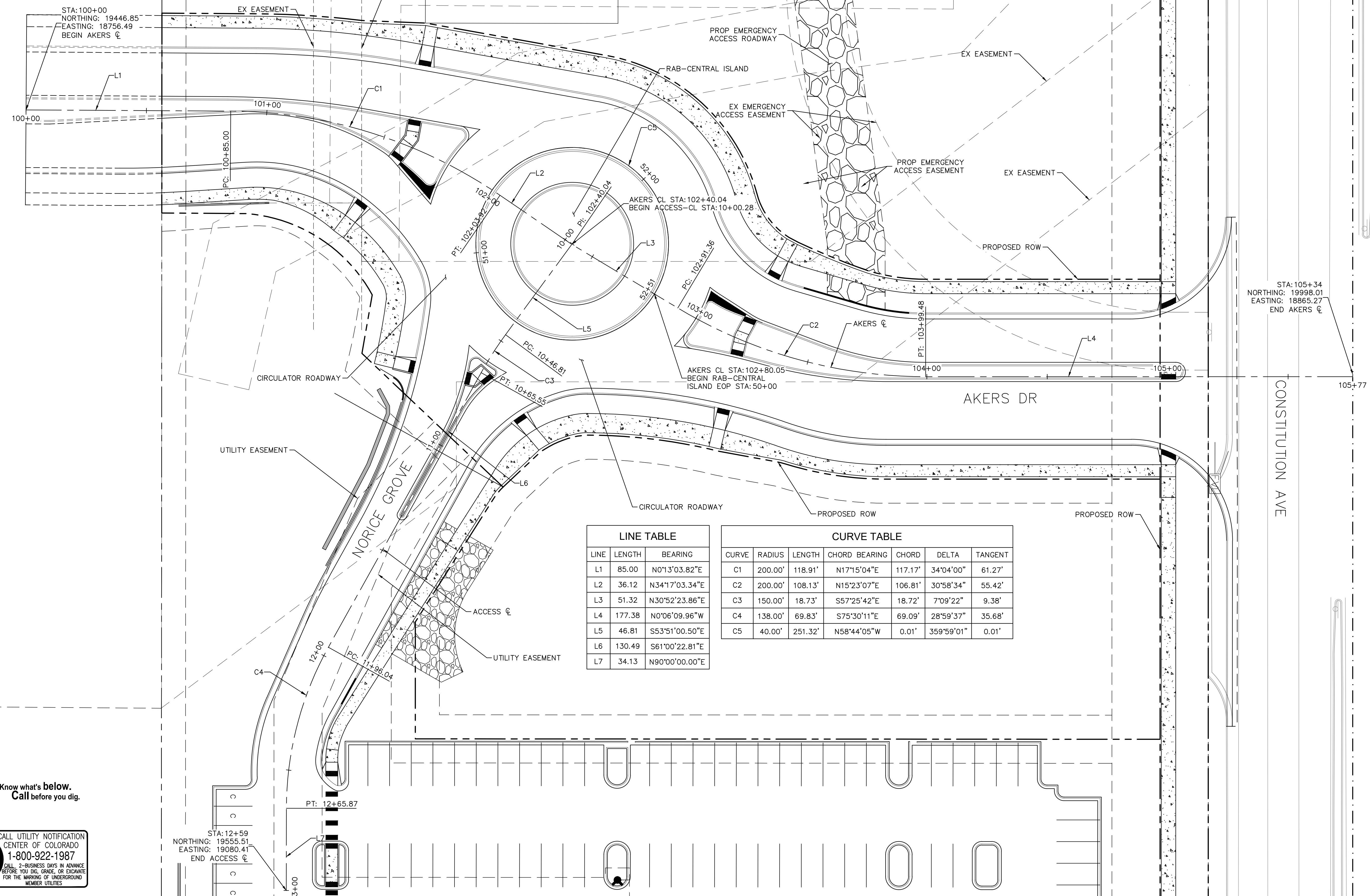


FOUND #5 REBAR WITH ORANGE PLASTIC CAP STAMPED 38069 ACCEPTED AS 1' WITNESS CORNER

FOUND #5 REBAR WITH YELLOW PLASTIC CAP STAMPED 38367 ACCEPTED AS 1' WITNESS CORNER

FOUND #5 REBAR (60' WITNESS CORNER) EAST 1/8 CORNER SECTION 5, T14S, R65W



LINE TABLE		
LINE	LENGTH	BEARING
L1	85.00	N0°13'03.82"E
L2	36.12	N34°17'03.34"E
L3	51.32	N30°52'23.86"E
L4	177.38	N0°06'09.96"W
L5	46.81	S53°51'00.50"E
L6	130.49	S61°00'22.81"E
L7	34.13	N90°00'00.00"E

CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C1	200.00'	118.91'	N17°15'04"E	117.17'	34°04'00"	61.27'
C2	200.00'	108.13'	N15°23'07"E	106.81'	30°58'34"	55.42'
C3	150.00'	18.73'	S57°25'42"E	18.72'	7°09'22"	9.38'
C4	138.00'	69.83'	S75°30'11"E	69.09'	28°59'37"	35.68'
C5	40.00'	251.32'	N58°44'05"W	0.01'	359°59'01"	0.01'

NO.	REVISION	BY	DATE	APPR.

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 2022 KIMLEY-HORN AND ASSOCIATES, INC.
 4582 South Ulster Street, Suite 1500
 Denver, CO 80237 (303) 228-2300

DESIGNED BY: SMH
 DRAWN BY: TL
 CHECKED BY: CEH
 DATE: 10/20/2022

AKERS DR & ACCESS ROAD ROUNDABOUT
 EL PASO COUNTY, COLORADO
 ROADWAY CONSTRUCTION DOCUMENTS
HORIZONTAL CONTROL



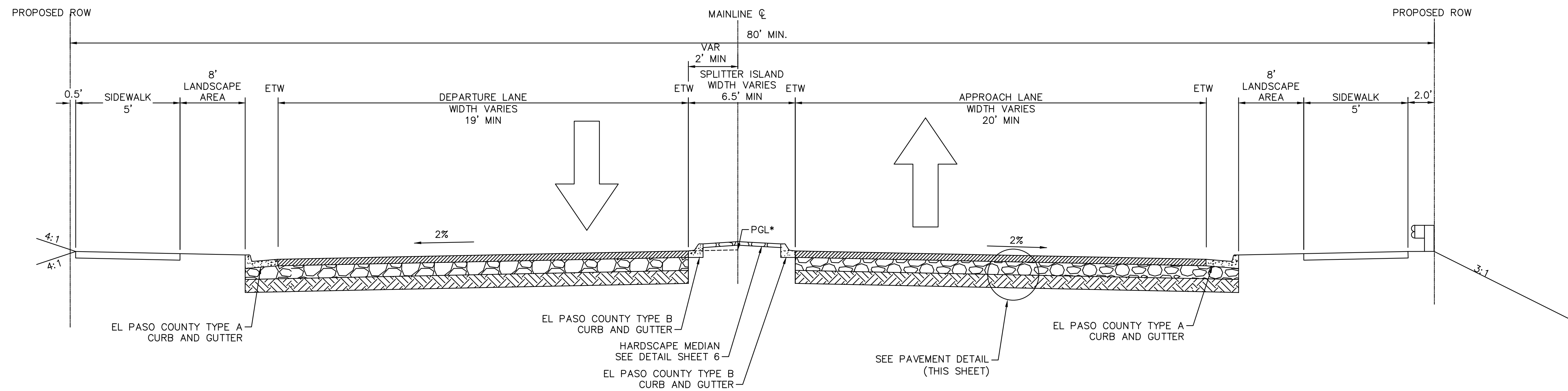
PROJECT NO.
096481004

SHEET
3

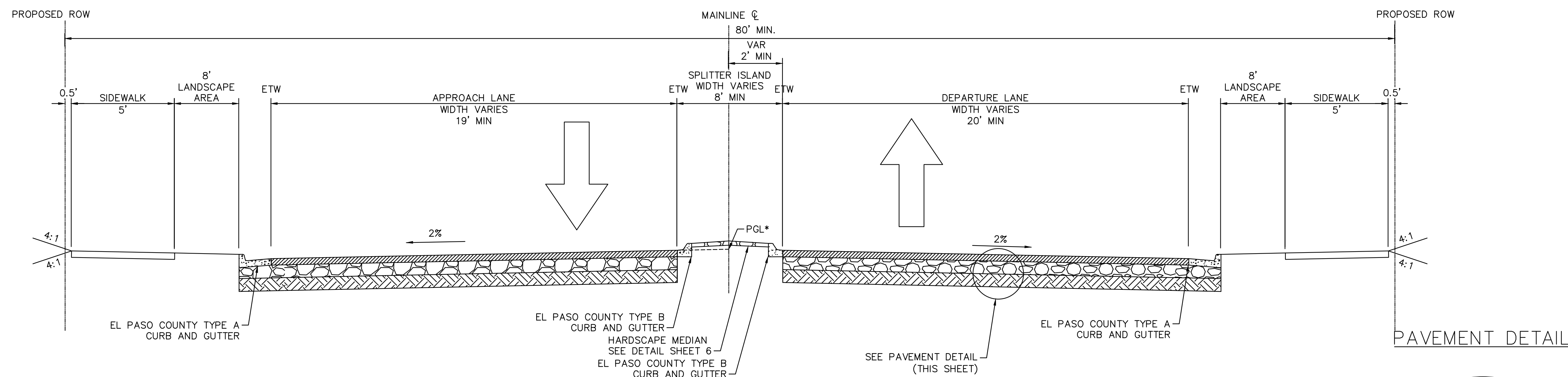
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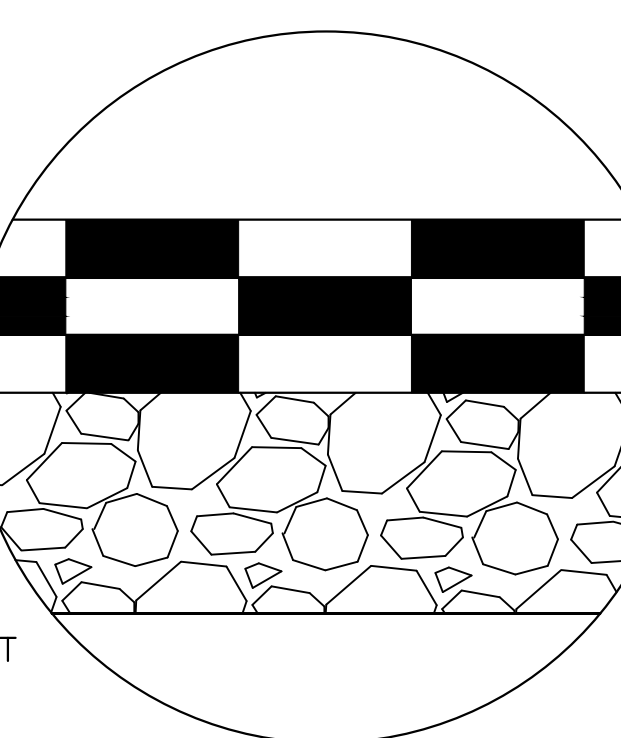
CALL UTILITY NOTIFICATION CENTER OF COLORADO
 1-800-922-1987
 CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES



SOUTH LEG TYPICAL SECTION APPROACH



NORTH LEG TYPICAL SECTION APPROACH



4" OF HOT MIX ASPHALT

9" AGGREGATE BASE COURSE

(PAVEMENT THICKNESS INFO. FOR BID PURPOSES ONLY - REFERENCE PAVEMENT REPORT FOR ADDITIONAL INFO.)

ABBREVIATIONS:
 ETW = EDGE OF TRAVELWAY
 ROW = RIGHT OF WAY

* PGL IS A 2% PROJECT UP FROM THE ETW

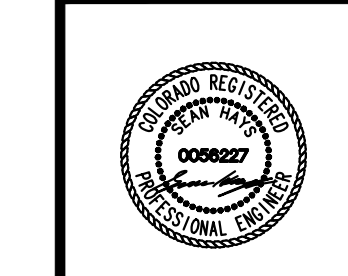


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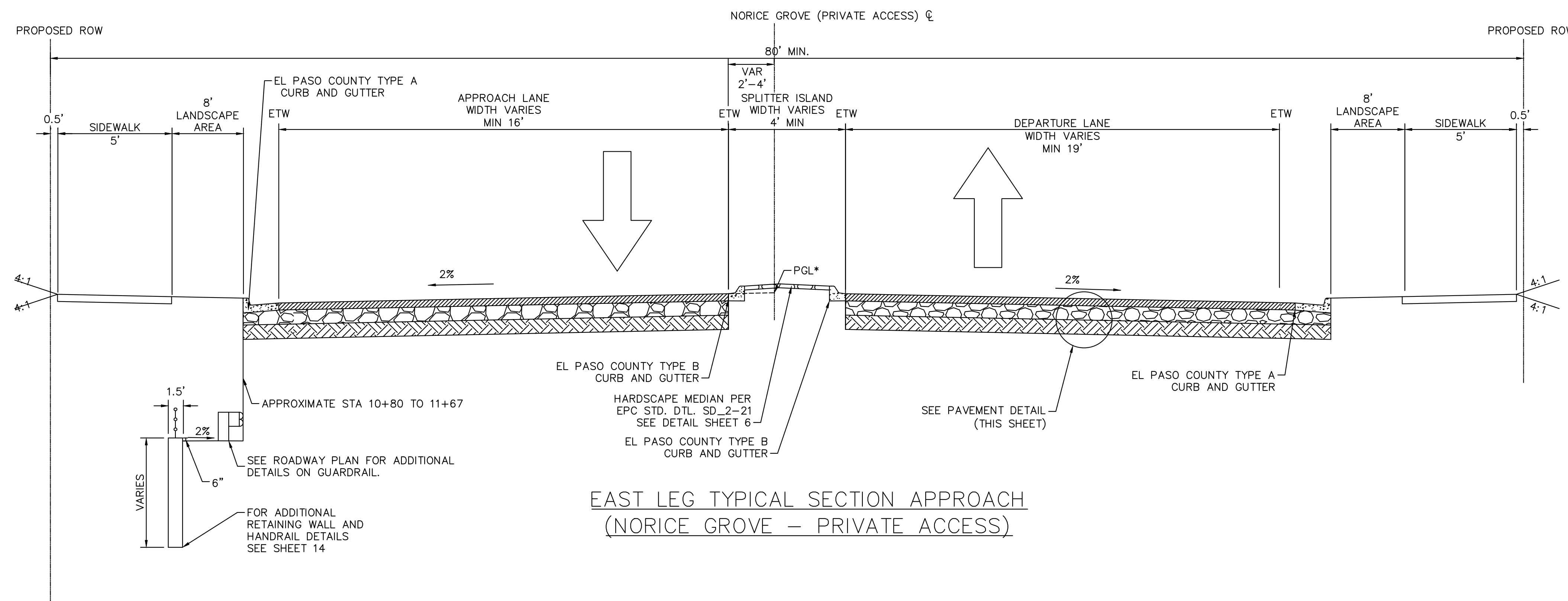
AKERS DR & ACCESS ROAD ROUNDABOUT
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 ROADWAY CONSTRUCTION DOCUMENTS
 TYPICAL SECTIONS



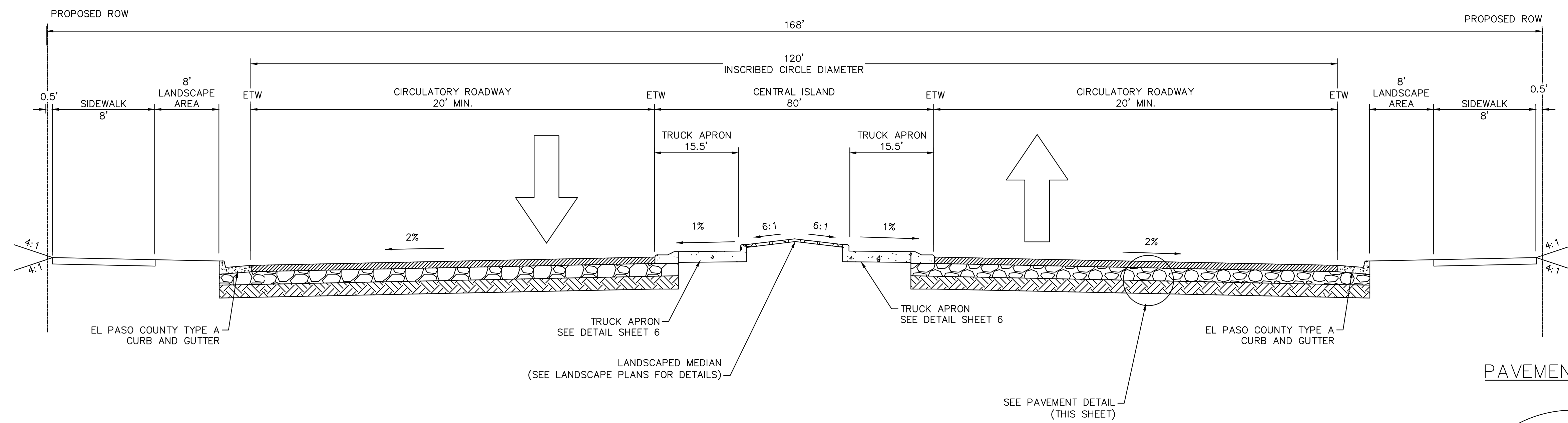
PROJECT NO.
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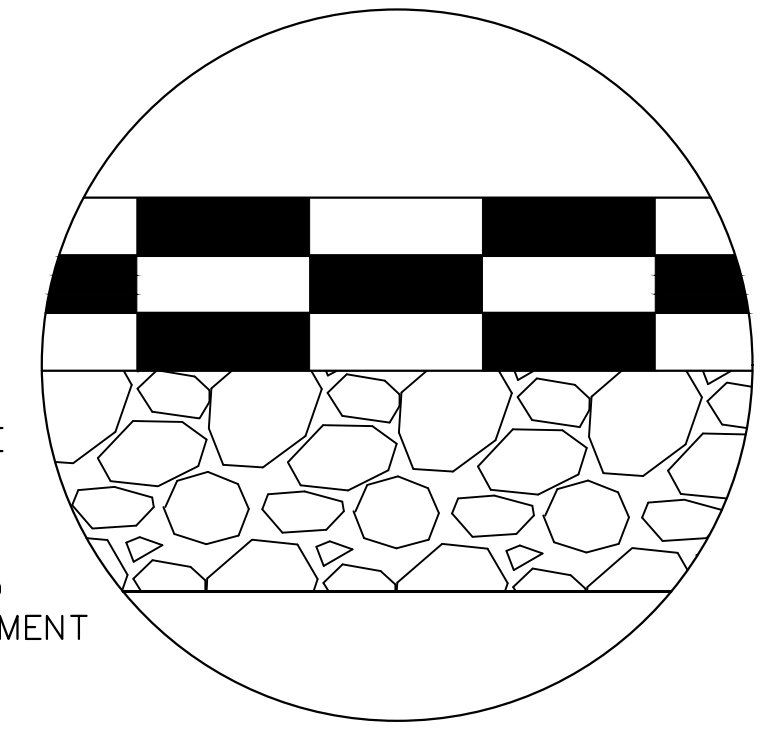


EAST LEG TYPICAL SECTION APPROACH
(NORICE GROVE - PRIVATE ACCESS)



CIRCULATORY ROADWAY TYPICAL SECTION

PAVEMENT DETAIL



4" OF HOT MIX ASPHALT
9" AGGREGATE BASE COURSE
(PAVEMENT THICKNESS INFO. FOR BID PURPOSES ONLY - REFERENCE PAVEMENT REPORT FOR ADDITIONAL INFO.)

ABBREVIATIONS:
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ROW = RIGHT OF WAY
* PGL IS A 2% PROJECT UP FROM THE ETW



CALL UTILITY NOTIFICATION CENTER OF COLORADO
1-800-922-1987
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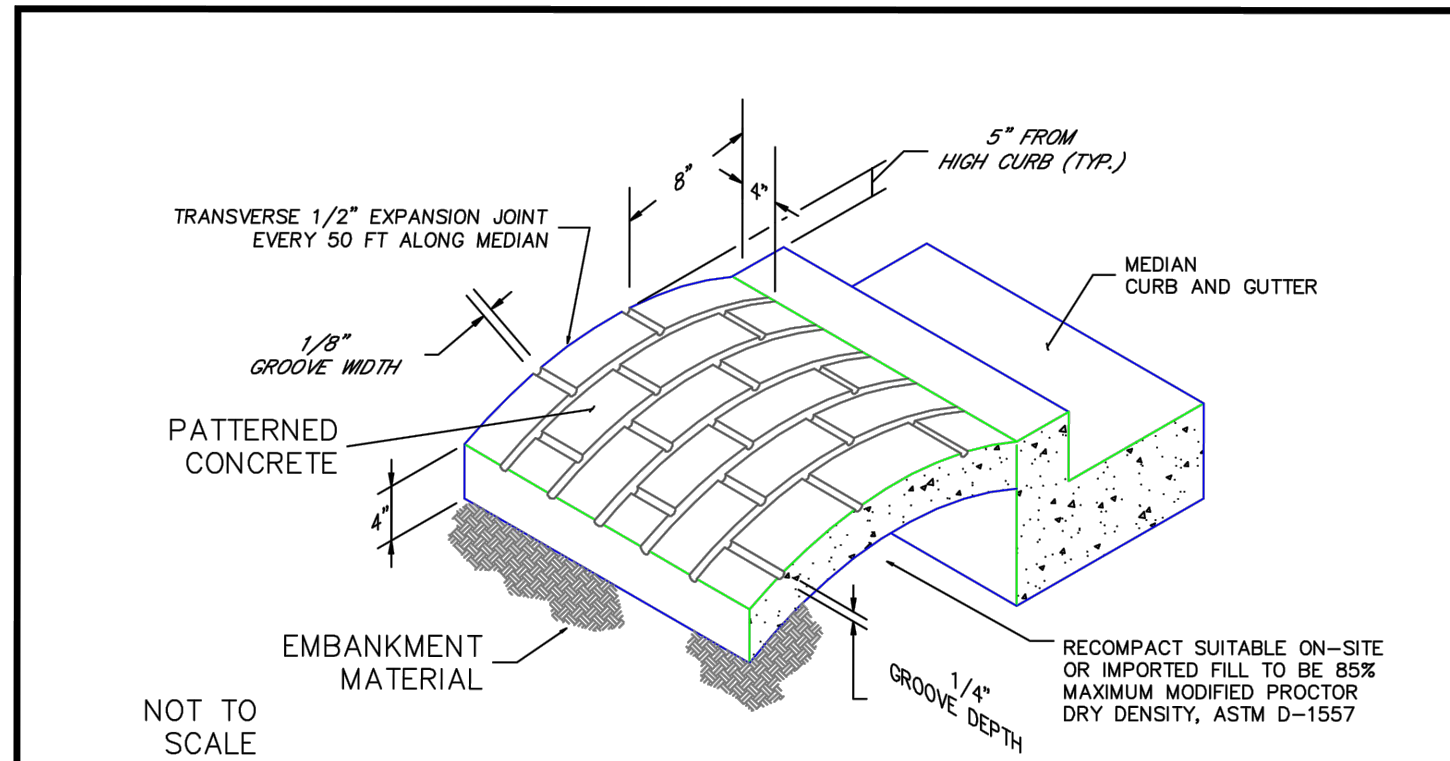
AKERS DR & ACCESS ROAD ROUNDABOUT
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ROADWAY CONSTRUCTION DOCUMENTS
TYPICAL SECTIONS



PROJECT NO.
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5

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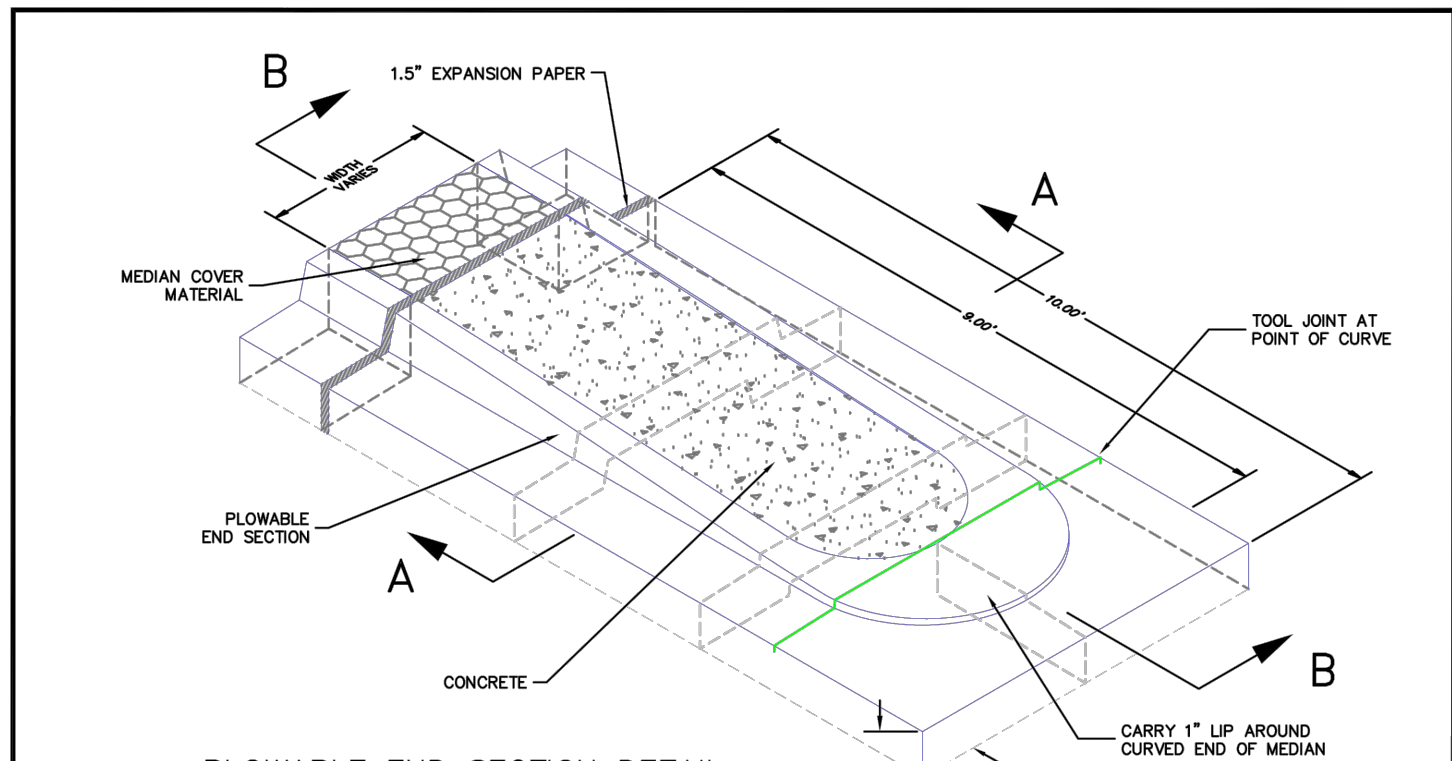


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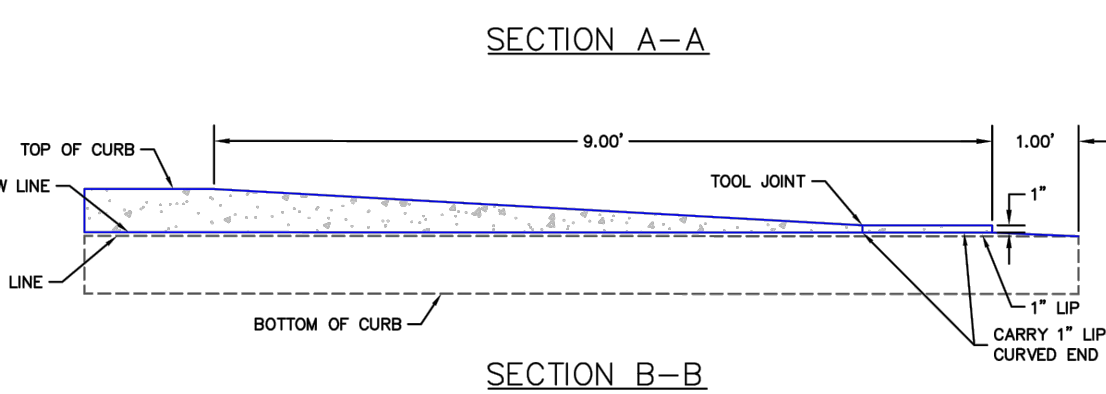
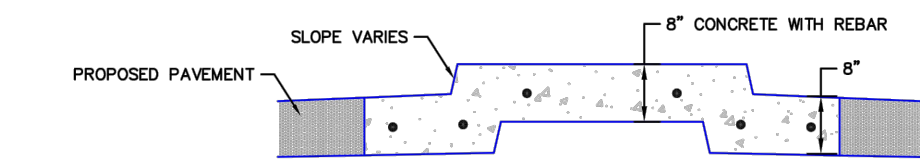
- A) The median paving shall be constructed with 4 inch thick, integrally colored concrete, embossed with a running bond 4" x 8" brick pattern as shown.
- B) Install 1/2" x 4" expansion material at median noses, fixed objects, and at transverse joints at 50 ft. intervals (maximum) along the median.
- C) The color additive shall be an approved commercially pure or synthetic mineral pigment, factory formulated and packaged in cubic yard dosage increments. The mixture shall be "Chromix" as manufactured by L.M. Scofield Company, "Davis Colors" as manufactured by Davis Color Company, Pigment No. 678, 5 lbs./sack, or an approved equal.
- D) Patterned concrete to be colored L.M. Scofield Company "Santa Barbara Brown, C-35", Davis Color Company, Pigment No. 678, 5 lbs./sack, or an approved equal.
- E) The Matching curing compound shall be a blend of waxes and pigments in a solvent emulsion base and conform to the requirements of ASTM C-309. The curing compound shall be "Lithocrome Colorwax" as manufactured by L.M. Scofield Company, Davis Color-Seal, as manufactured by Davis Color Company, or approved equal.
- F) The concrete mix design shall conform to the requirements of the color admixture manufacturer and shall meet CDOT Class B concrete requirements, unless otherwise approved.
- G) For weed control prior to median paving, apply a pre-emergent herbicide to median subgrade area per manufacturer's specifications for paving under Barrier 50 label (pbi Gordon). Trifluralin is labeled for use under asphalt under the Treflan 4EC label (Elanco).

SCALE: NOT TO SCALE

DATE APPROVED: 7/9/09	Patterned Concrete Median Paving Standard Drawing	
DESIGNED BY: André P. Brackin	REVISION DATE: 1/18/11 FILE NAME: SD_2-21	



PLOWABLE END SECTION DETAIL

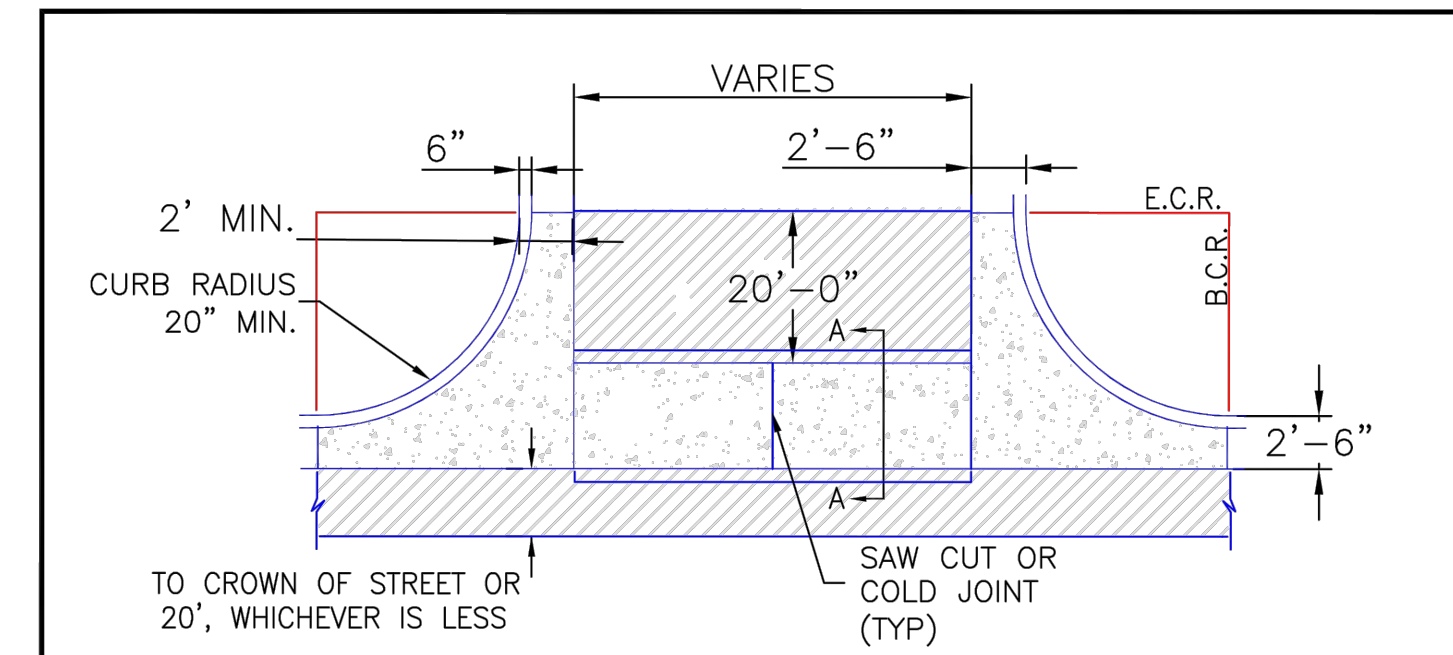


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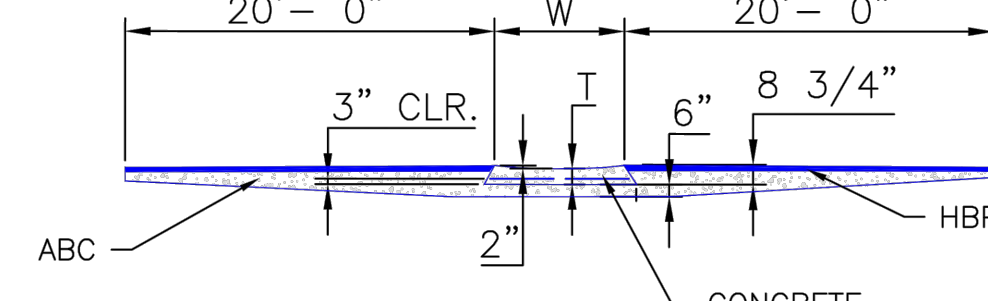
- 1. MEDIAN NOSE CONCRETE AND CURB & GUTTER SHALL BE PLACED MONOLITHIC WITH NON-COLORED CONCRETE REINFORCED #4 REBAR AT 18" E.W.
- 2. MEDIANS GREATER THAN 10' WIDE (BOC TO BOC) DO NOT REQUIRE MEDIAN NOSE.

SCALE: NOT TO SCALE

DATE APPROVED: 1/12/16	Plowable Median Nose Detail Standard Drawing	
DESIGNED BY: André P. Brackin	REVISION DATE: 1/12/16 FILE NAME: SD_2-22	



PLAN VIEW



SECTION A-A

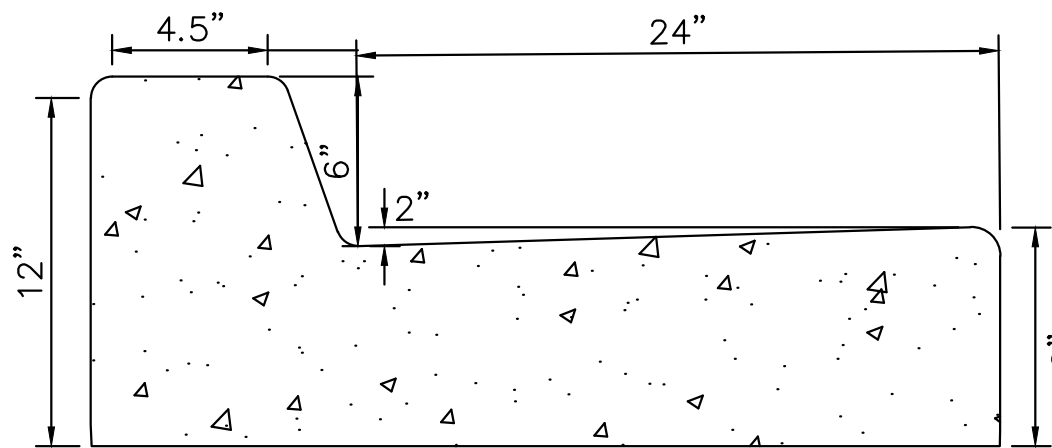
NOTES

- 1. W - WIDTH SHALL BE 6' FOR LOCAL, 8' FOR COLLECTORS, AND 10' FOR ARTERIAL ROADS.
- 2. T - SQUARED-OFF RETURN TO BE POURED MONOLITHICALLY, 8" PCC FOR LOCAL ROADS, 9" FOR COLLECTORS WITH 6x6 - 4.4 W.W.F. OR #4 REINFORCING BAR @ 18" EACH WAY.
- 3. [Hatched Area] = 3" MINIMUM ASPHALT DEPTH (2 LIFTS).
- 4. DESIGN TO SPECIFY ELEVATIONS AT PI AND PCR.

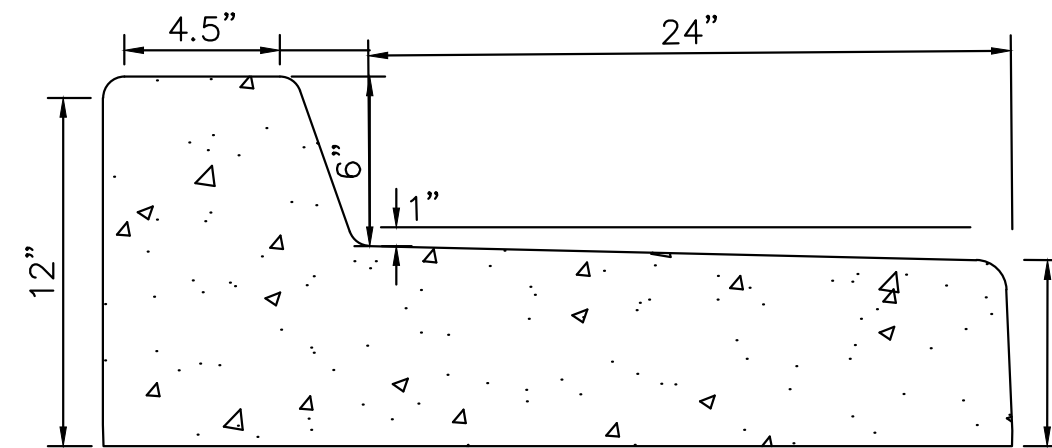
SCALE: NOT TO SCALE

DATE APPROVED: 8/11/11	Typical Cross Pan Layout Detail Standard Drawing	
DESIGNED BY: André P. Brackin	REVISION DATE: 12/8/15 FILE NAME: SD_2-26	

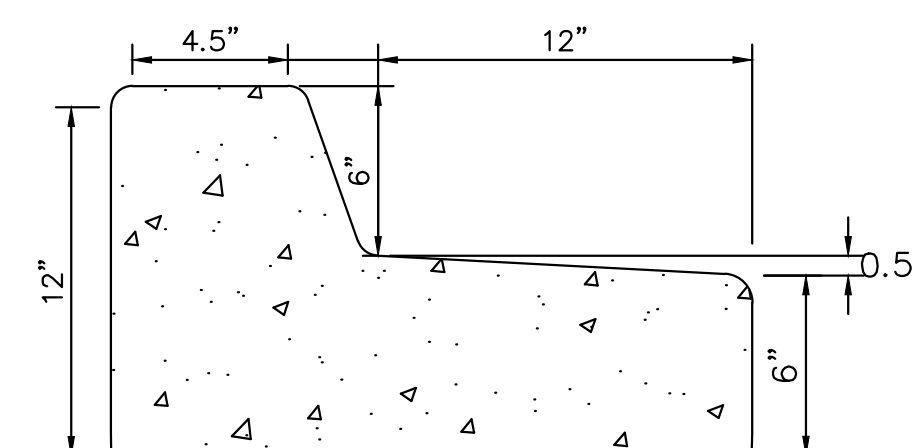
LEGEND FOR RADII	
A	= 1/8" TO 1/4"
B	= 1 1/2"
C	= 1 1/2" TO 2"



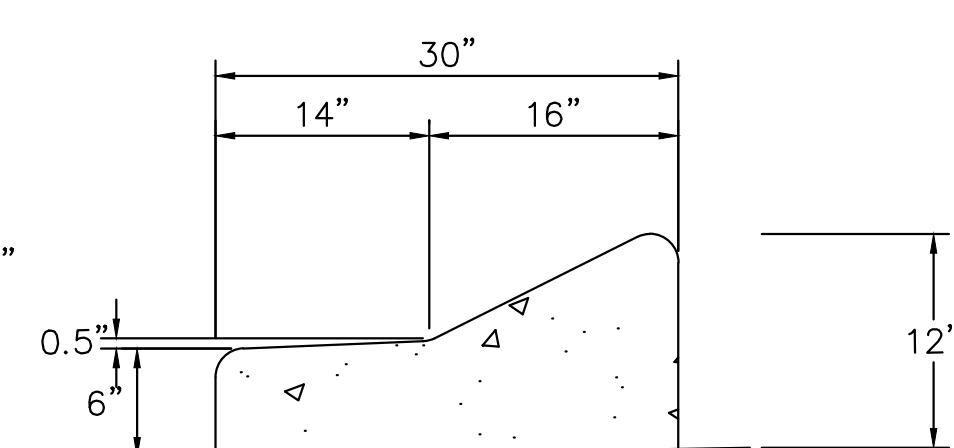
EPC CURB & GUTTER TYPE A (N.T.S)



EPC CURB & GUTTER TYPE A (SPILL) (N.T.S)

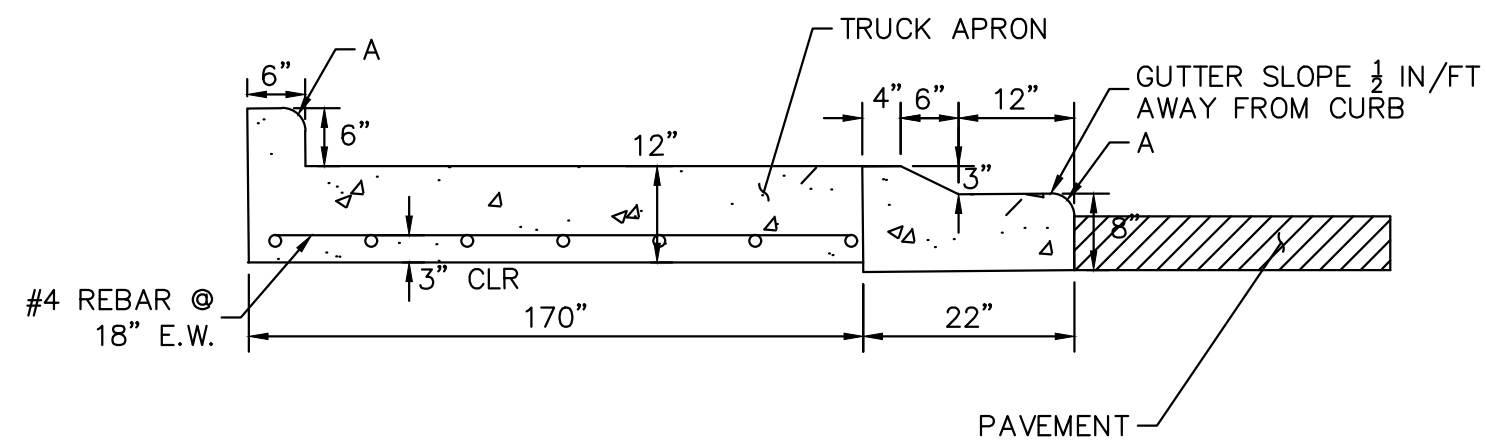


EPC CURB & GUTTER TYPE B (N.T.S)

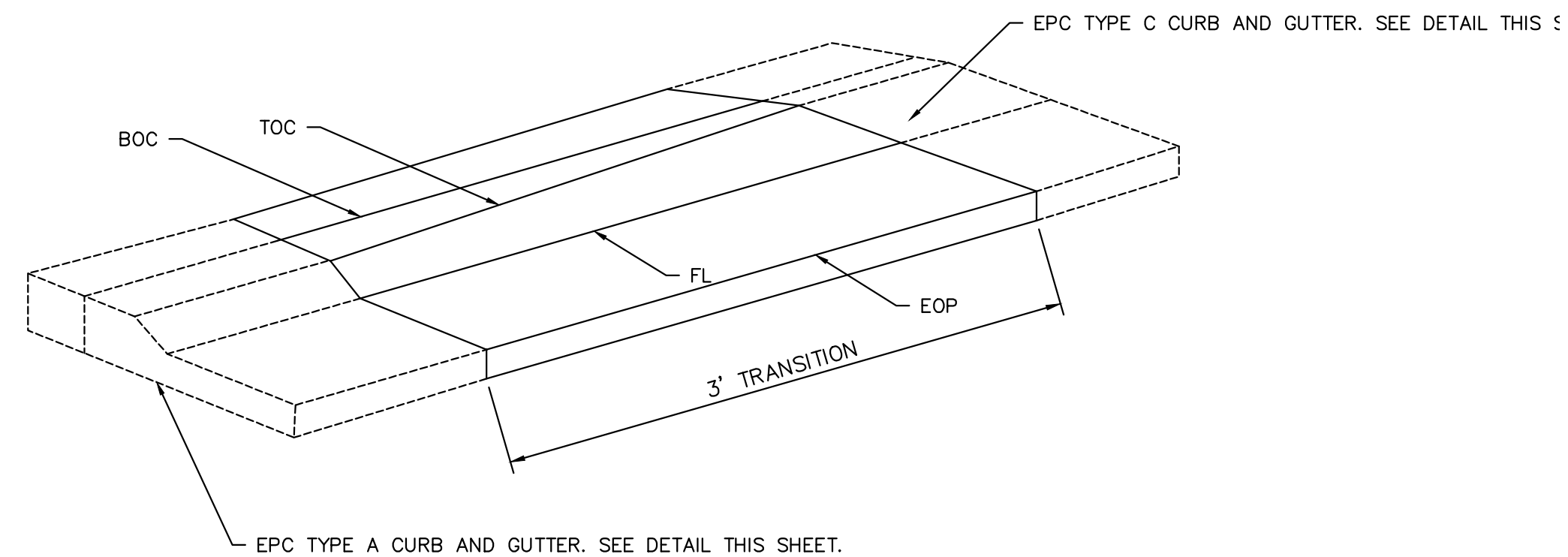


EPC CURB & GUTTER TYPE C (N.T.S)

TRUCK APRON DETAIL (N.T.S)



CURB TRANSITION DETAIL (N.T.S)



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 EL PASO COUNTY, COLORADO
 ROADWAY CONSTRUCTION DOCUMENTS
 ROADWAY DETAILS

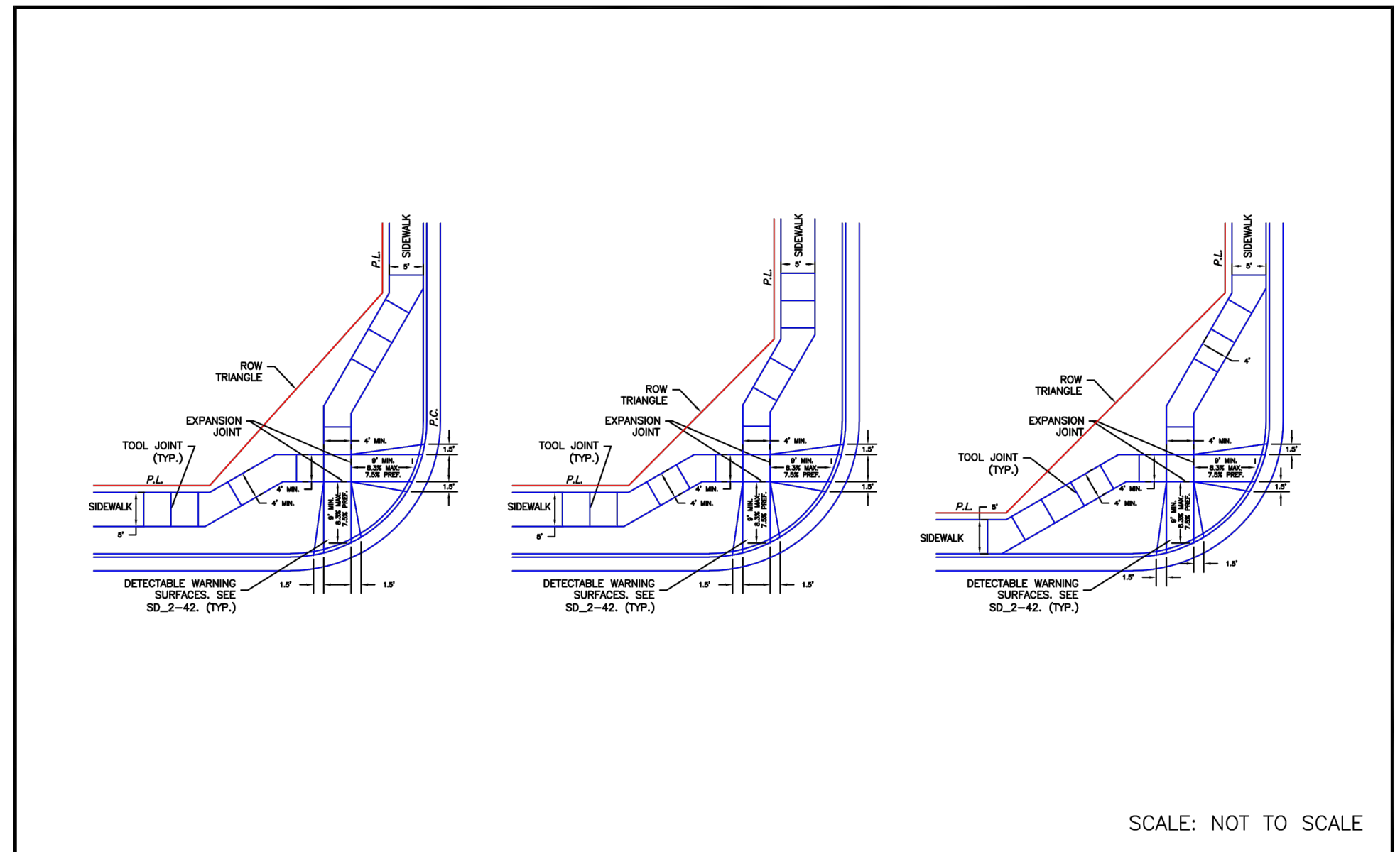


PROJECT NO. 096481004
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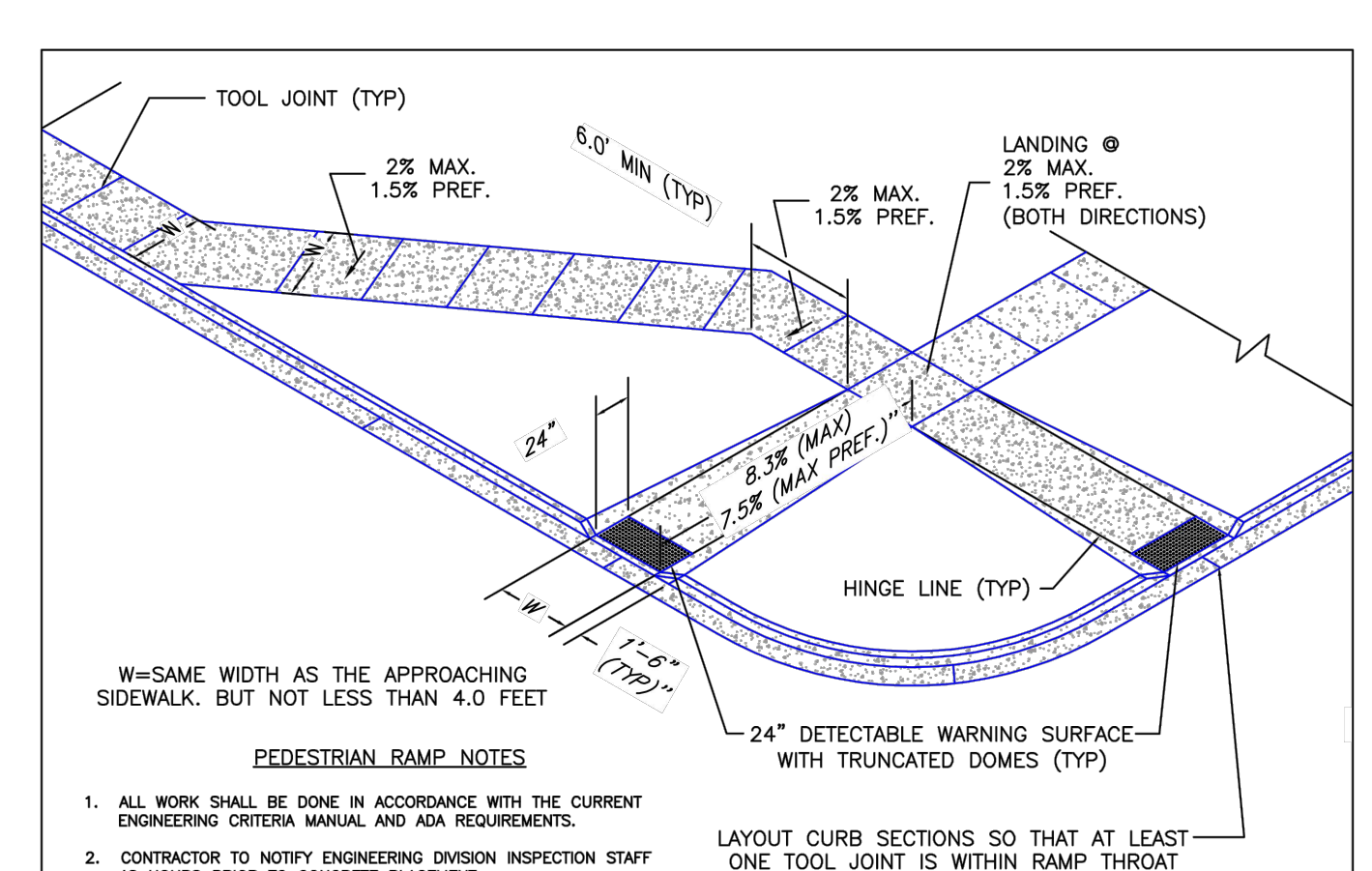
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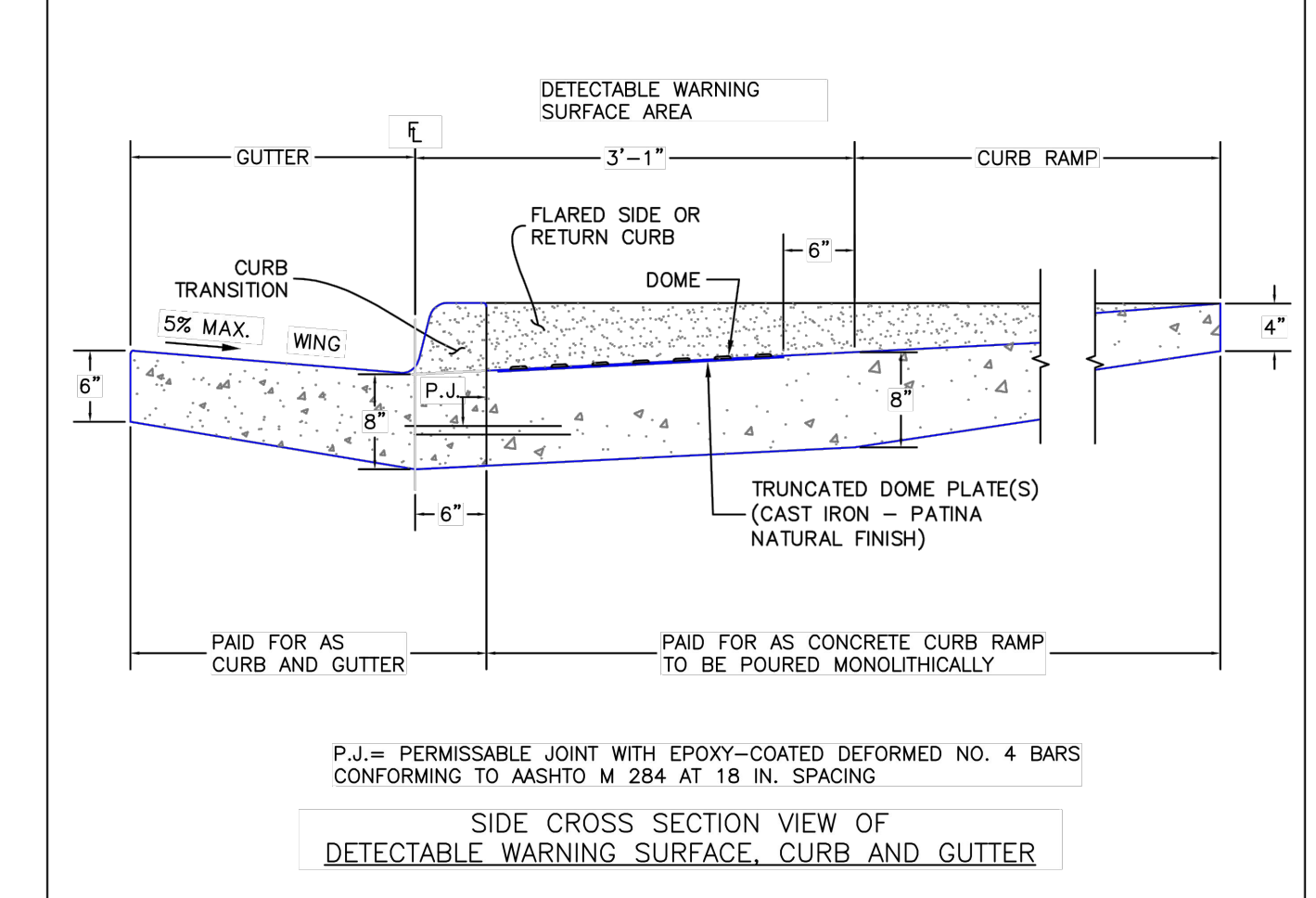
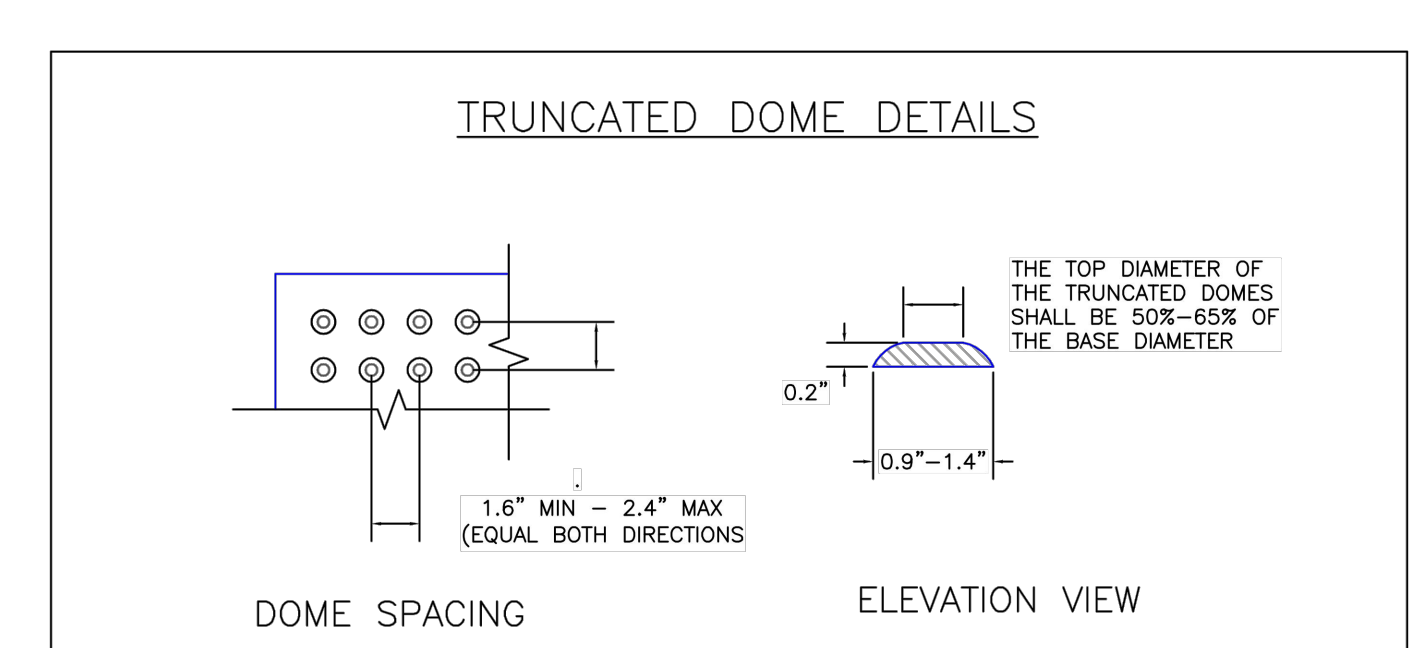
DATE APPROVED: 6/23/20	Pedestrian Curb Ramp Detail Standard Drawing	
Jennifer E. Irvine DEPARTMENT OF PUBLIC WORKS	REVISION DATE: 6/23/20	

SCALE: NOT TO SCALE



- W= SAME WIDTH AS THE APPROACHING SIDEWALK, BUT NOT LESS THAN 4.0 FEET
- PEDESTRIAN RAMP NOTES**
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT ENGINEERING CRITERIA MANUAL AND ADA REQUIREMENTS.
 - CONTRACTOR TO NOTIFY ENGINEERING DIVISION INSPECTION STAFF 48 HOURS PRIOR TO CONCRETE PLACEMENT.
 - PEDESTRIAN CURB RAMP CONSTRUCTION SHALL BE A MINIMUM 4,500 PSI CONCRETE, MINIMUM 4" THICK, NON-COLORED, NON-SCORED, COARSE BROOM FINISH.
 - PEDESTRIAN CURB RAMP LOCATION AND LENGTH MAY REQUIRE MODIFICATION TO MAINTAIN THE 8.3% MAXIMUM RUNNING RAMP SLOPE DUE TO STREET INTERSECTION GRADINGS AND/OR ALIGNMENTS. SEE EGM SECTION 6.3.6 FOR PEDESTRIAN PUSHBUTTON LOCATION REQUIREMENTS.
 - DETECTABLE WARNING SURFACE SHALL START A MINIMUM OF 6" BUT NOT MORE THAN 8" FROM THE FLOWLINE OF THE CURB AT ANY POINT.
 - DETECTABLE WARNING SURFACE SHALL BE PREFABRICATED, CAST IRON (PATINA NATURAL FINISH) AND IN ACCORDANCE WITH EGM CHAPTER 6 AND SD_2-42. THERMOPLASTIC TRUNCATED DOMES AND PAVERS WILL NOT BE ACCEPTED.
 - THE DETECTABLE WARNING SURFACE SHALL BE 24" IN LENGTH AND THE FULL WIDTH OF THE RAMP.
 - PEDESTRIAN CURB RAMP WIDTH REQUIRED IS SAME AS APPROACHING SIDEWALK, 4" MINIMUM.
 - ALL PEDESTRIAN CURB RAMPS WILL BE PERPENDICULAR TO TRAFFIC WITH THE EXCEPTION OF MID-BLOCK OR TERMINAL RAMPS WHICH MAY BE PARALLEL, SUBJECT TO APPROVAL.
 - OBSTACLE STRUCTURES, TRAFFIC SIGNAL/SIGNALS, UTILITIES/JUNCTION BOXES, OR OTHER OBSTRUCTIONS WITHIN PROPOSED PEDESTRIAN CURB RAMP AREAS AND LANDINGS ARE PROHIBITED.
 - THE COUNTER SLOPE OF THE GUTTER OR ROAD AT THE FOOT OF A RAMP SHALL NOT EXCEED 5%.
- GENERAL NOTES**
- WHERE THE 1'-6" FLARED SIDE(S) OF A PERPENDICULAR CURB RAMP IS (ARE) CONTIGUOUS WITH A PEDESTRIAN OR HARD SURFACE AREA (PEDESTRIAN CIRCULATION PATH), THE MAXIMUM FLARE SLOPE SHALL NOT EXCEED 10:1.
 - PEDESTRIAN WALKWAY (PEDESTRIAN ACCESS ROUTE) AND/OR LOCATION OF EXISTING OR FUTURE PEDESTRIAN RAMPS ON OPPOSITE CORNERS SHALL BE REVIEWED BEFORE CONSTRUCTING NEW RAMPS.
 - AT MARKED PEDESTRIAN CROSSINGS, THE BOTTOM OF THE RAMPS, EXCLUSIVE OF THE FLARE SIDES, SHALL BE TOTALLY CONTAINED WITHIN THE MARKINGS.
- LAYOUT CURB SECTIONS SO THAT AT LEAST ONE TOOL JOINT IS WITHIN RAMP THROAT**

DATE APPROVED: 6/23/20	Pedestrian Curb Ramp Detail Standard Drawing	
Jennifer E. Irvine DEPARTMENT OF PUBLIC WORKS	REVISION DATE: 6/23/20	



DATE APPROVED: 6/23/20	Detectable Warning Surface Details Standard Drawing	
Jennifer E. Irvine DEPARTMENT OF PUBLIC WORKS	REVISION DATE: 6/23/20	



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CHECKED BY: CEH
DATE: 10/20/2022

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EL PASO COUNTY, COLORADO
ROADWAY CONSTRUCTION DOCUMENTS
ROADWAY DETAILS



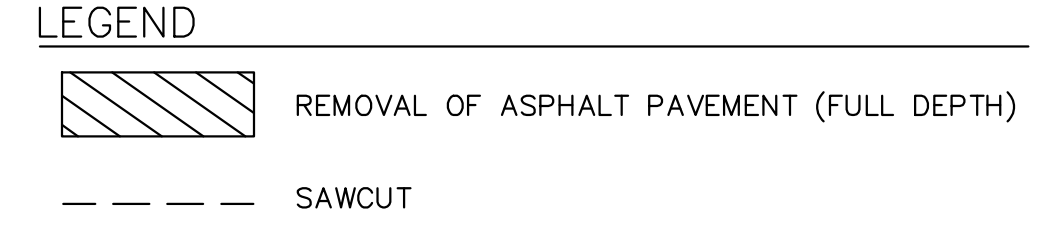
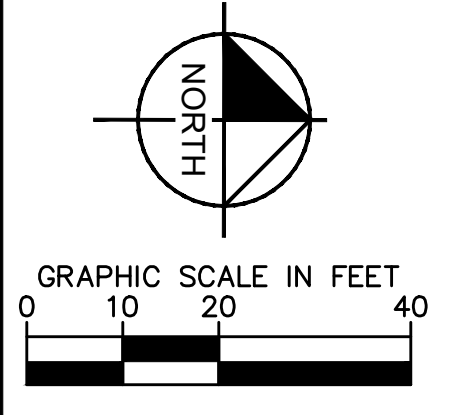
PROJECT NO.
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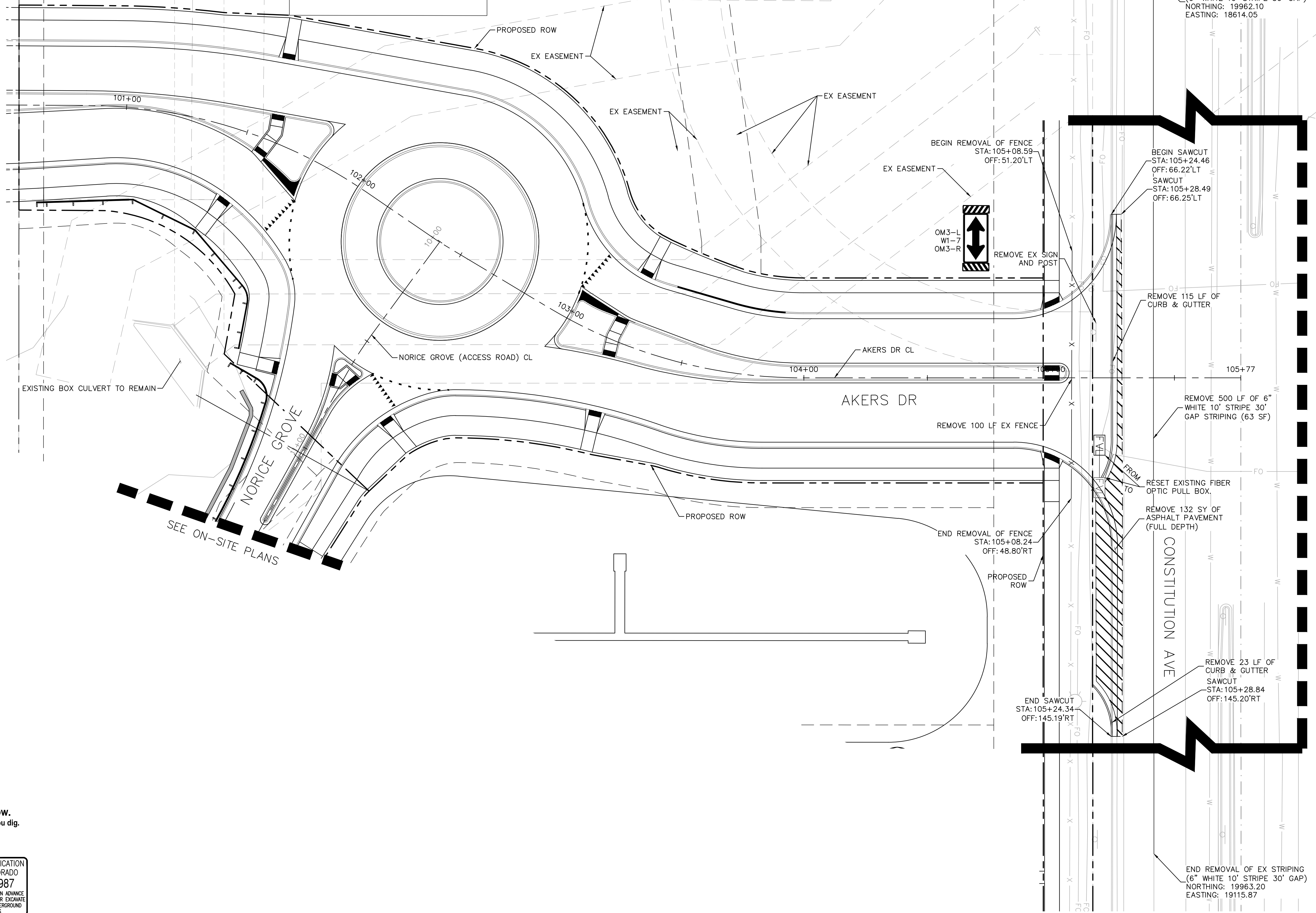
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- NOTES**
1. SEE ON-SITE PLANS FOR ADDITIONAL REMOVAL/RESET INFORMATION.
 2. PAVEMENT MARKINGS SHALL BE REMOVED BY WATER BLASTING.
 3. CONTRACTOR SHALL CONFIRM ADEQUATE SLACK EXISTS IN FIBER OPTIC PULL BOX PRIOR TO REMOVAL. CONTRACTOR SHALL PROTECT EXISTING SPLICES/EQUIPMENT IN REMOVED FIBER OPTIC PULL BOX UNTIL PLACED INTO PROPOSED FIBER OPTIC PULL BOX.



MATCHLINE A



NO.	REVISION	BY	DATE	APPR.

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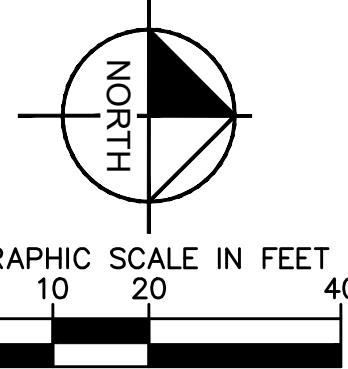
DESIGNED BY: SMH
 DRAWN BY: TL
 CHECKED BY: CEH
 DATE: 10/20/2022

**AKERS DR & ACCESS ROAD ROUNDABOUT
 EL PASO COUNTY, COLORADO
 ROADWAY CONSTRUCTION DOCUMENTS
 REMOVAL AND RESET PLAN**



PROJECT NO.
096481004

SHEET

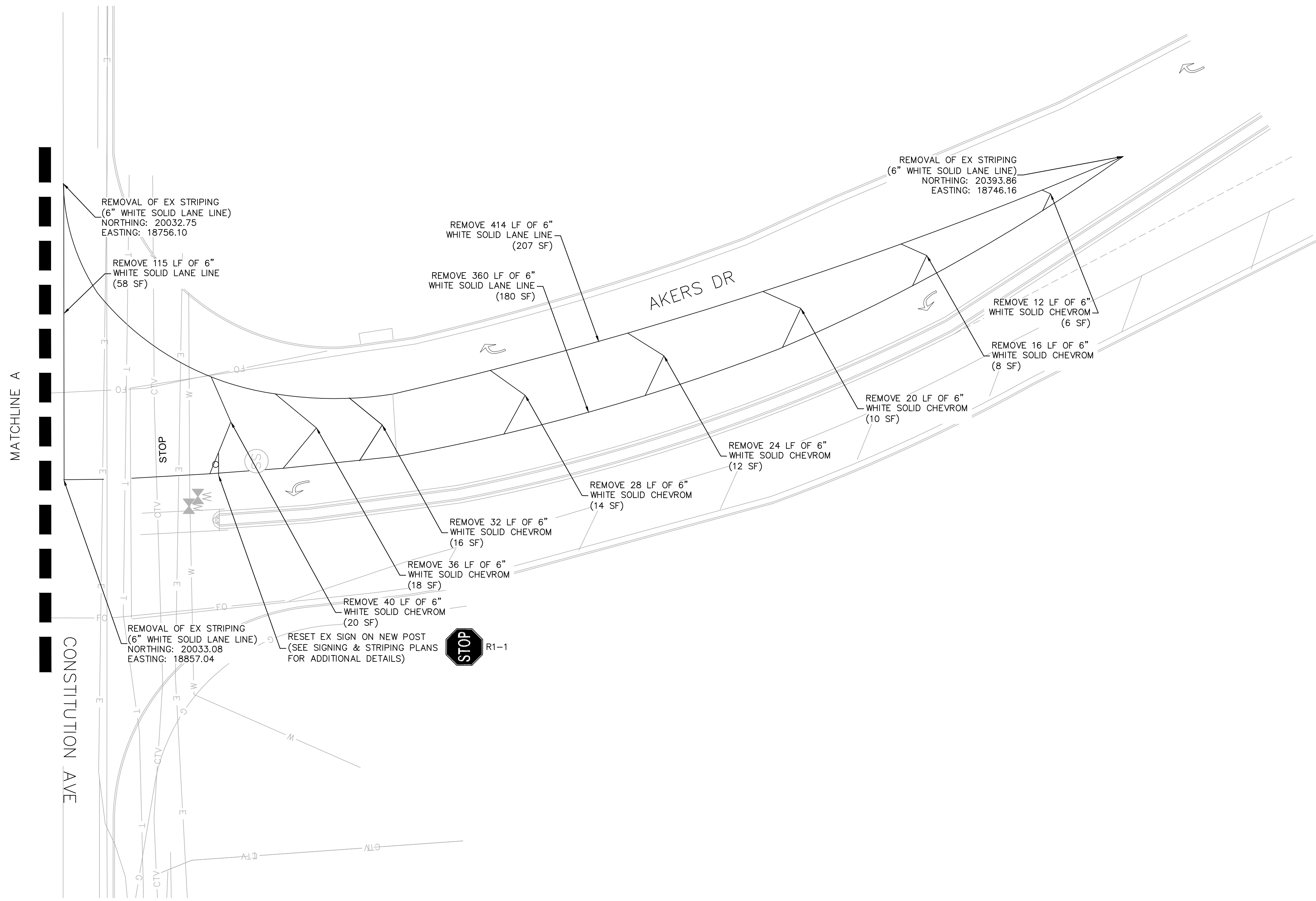


LEGEND

- REMOVAL OF ASPHALT PAVEMENT (FULL DEPTH)
- SAWCUT

NOTES

1. SEE ON-SITE PLANS FOR ADDITIONAL REMOVAL/RESET INFORMATION.
2. PAVEMENT MARKINGS SHALL BE REMOVED BY WATER BLASTING.



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 REMOVAL AND RESET PLAN**

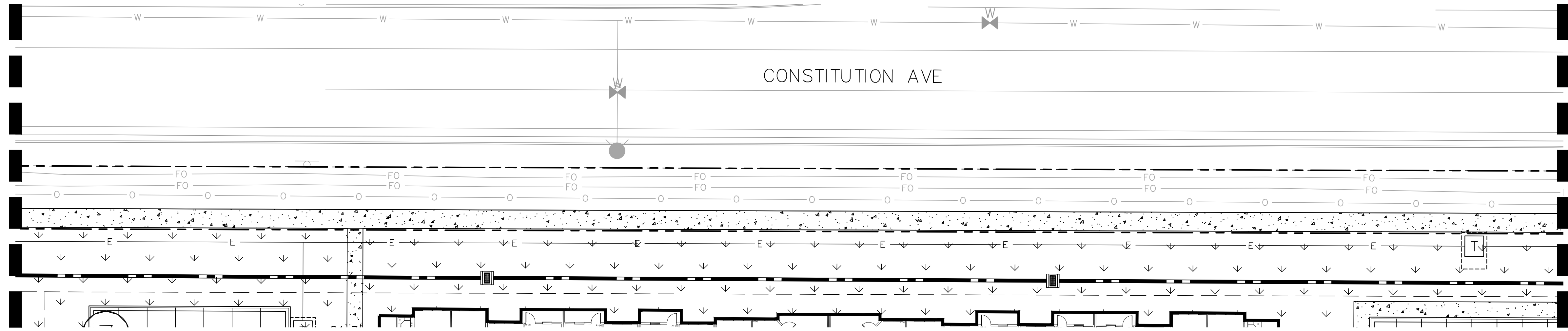


PROJECT NO.
096481004

SHEET
9

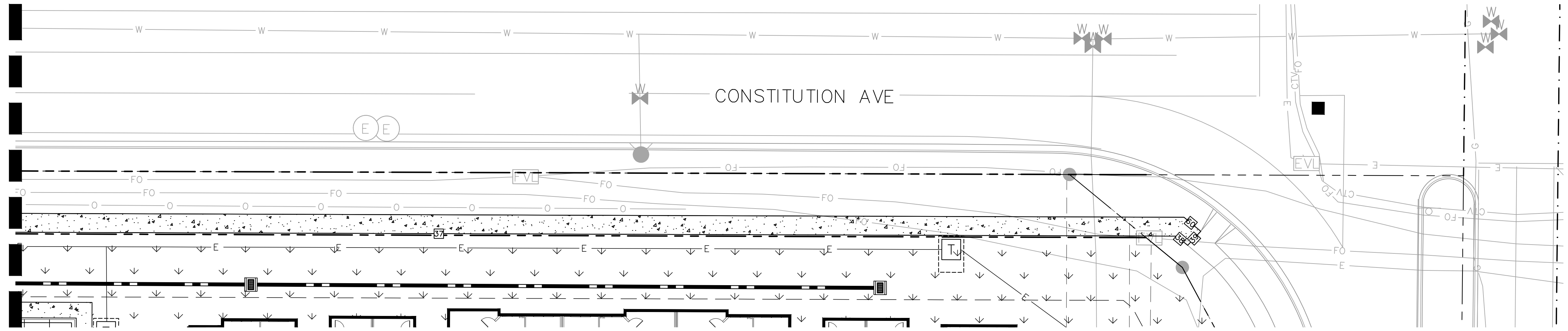
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58	125.93	N82°12'23.98"E
59	9.11	N89°53'50.00"E
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SEE SHEET 10 FOR CONTINUATION

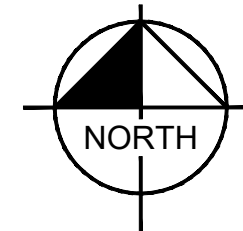
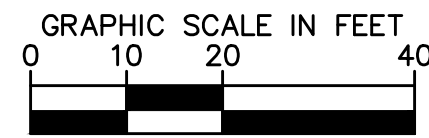
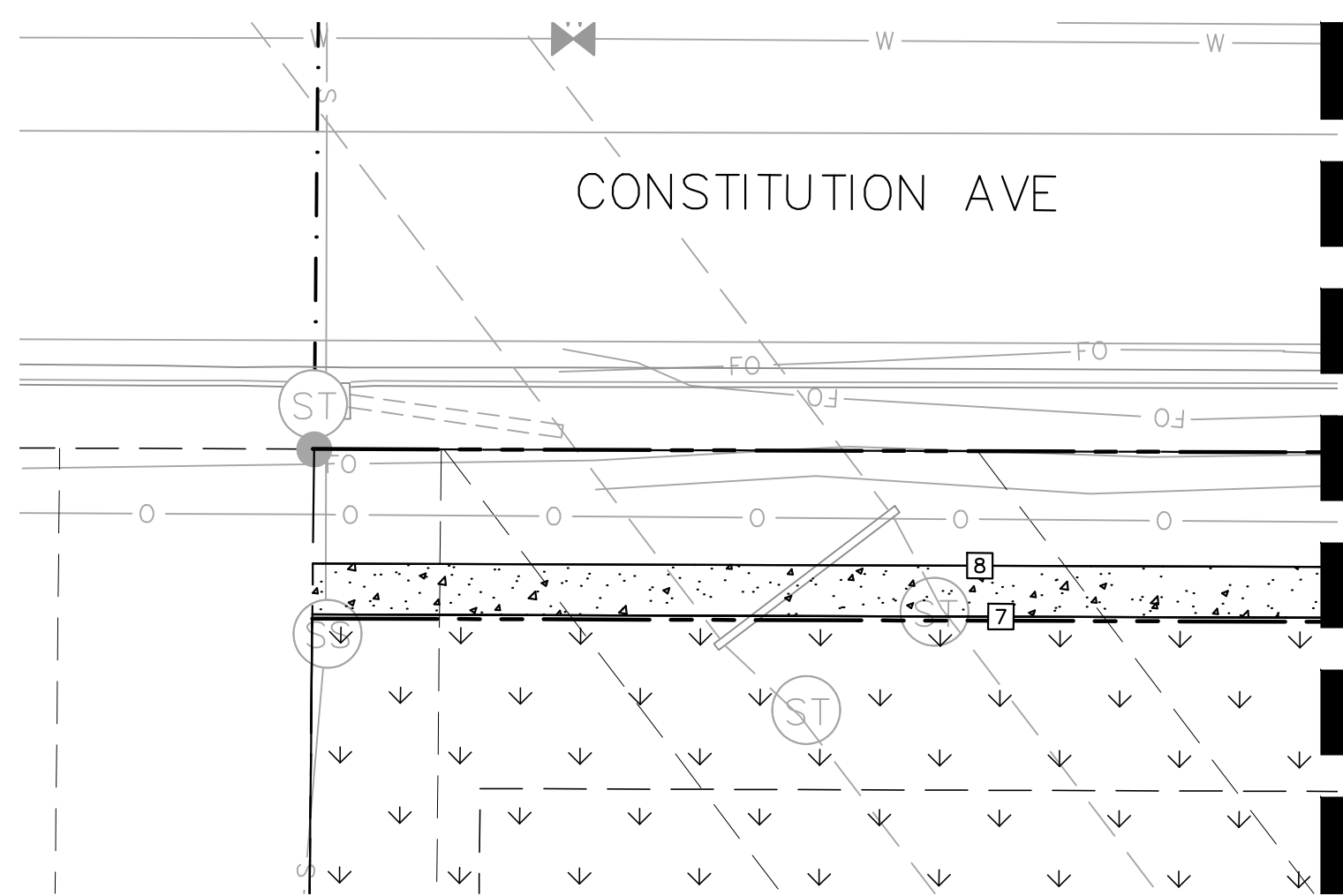


SEE BELOW LEFT FOR CONTINUATION

SEE ABOVE RIGHT FOR CONTINUATION



SEE SHEET 10 FOR CONTINUATION



NOTES:

1. LINE AND CURVE DATA PROVIDED FOR CURB IS AT THE FLOWLINE OF PROPOSED CURB.
2. GUARDRAIL TO BE INSTALLED WITH 7' POST PER RESTRICTIVE ROADSIDE INSTALLATION CRITERIA PER CDOT M-606-1.
3. ALONG THE ACCESS DRIVE, THE FACE OF GUARDRAIL SHALL BE PARALLEL TO THE FLOWLINE OF THE CURB, AND THE TOP OF GUARDRAIL SHALL BE 27" HIGHER THAN THE FLOWLINE PER URBAN ROADSIDE INSTALLATION WITH CURB & GUTTER CRITERIA PER CDOT M-606-1.
4. SEE ON-SITE PLANS FOR ADDITIONAL INFORMATION ON SIDEWALK ALONG CONSTITUTION AVE.

LEGEND:

- SAWCUT
- PROPOSED HOT MIX ASPHALT
- ▨ PROPOSED CONCRETE SIDEWALK
- ▩ PROPOSED CONCRETE CURB RAMP
- ▧ PROPOSED MEDIAN COVER (PER EL PASO COUNTY SD_2-21)
- ▤ PROPOSED CONCRETE TRUCK APRON
- ▥ PROPOSED CENTRAL ISLAND COVER
- PROPOSED SOD
- ▩ PROPOSED GRAVEL ACCESS (SEE ON-SITE PLANS FOR ADDITIONAL DETAILS)
- ▨ PROPOSED RAISED GUTTER PAN

EPC 11/21/22



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CHECKED BY: CEH
DATE: 10/20/2022

AKERS DR & ACCESS ROAD ROUNDABOUT
EL PASO COUNTY, COLORADO
ROADWAY CONSTRUCTION DOCUMENTS
ROADWAY PLAN

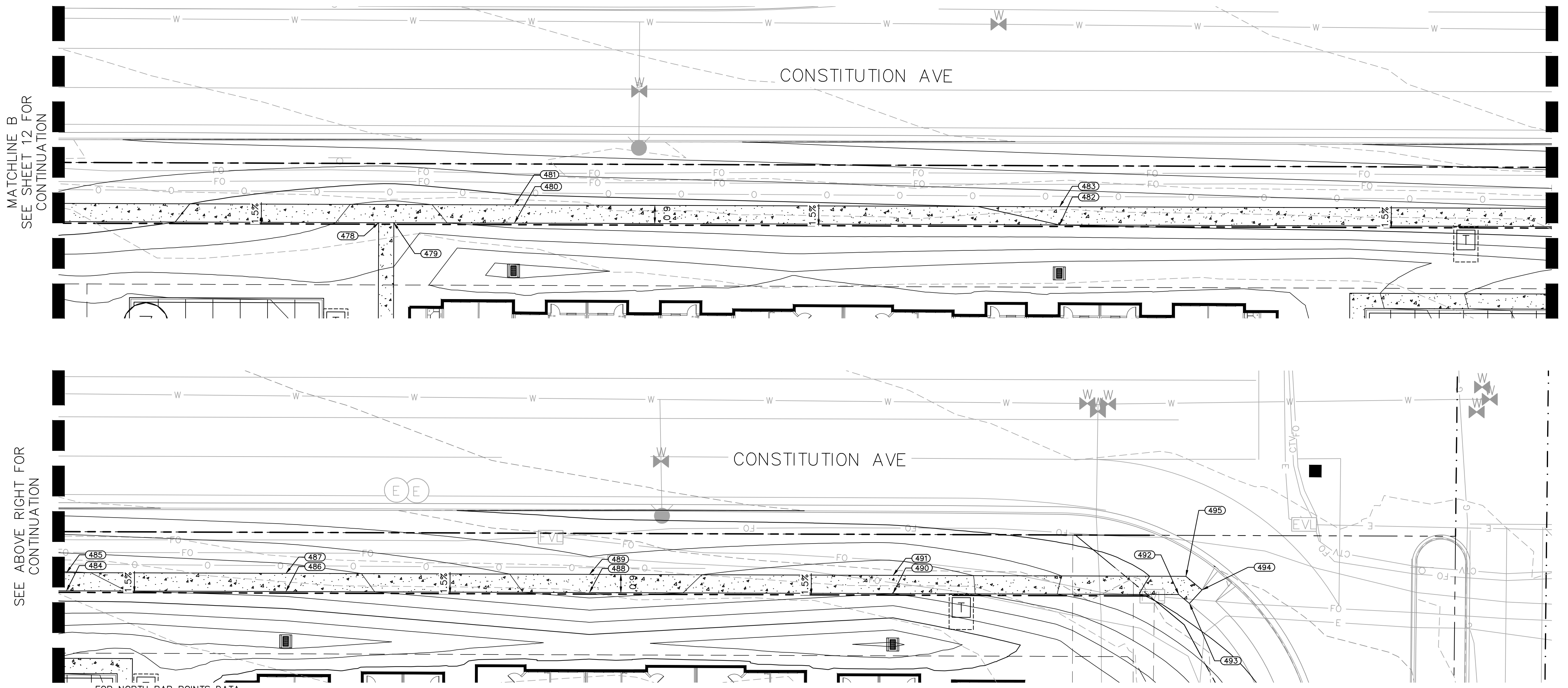


PROJECT NO.
096481004

SHEET

11

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SEE ABOVE RIGHT FOR CONTINUATION

SEE BELOW LEFT FOR CONTINUATION

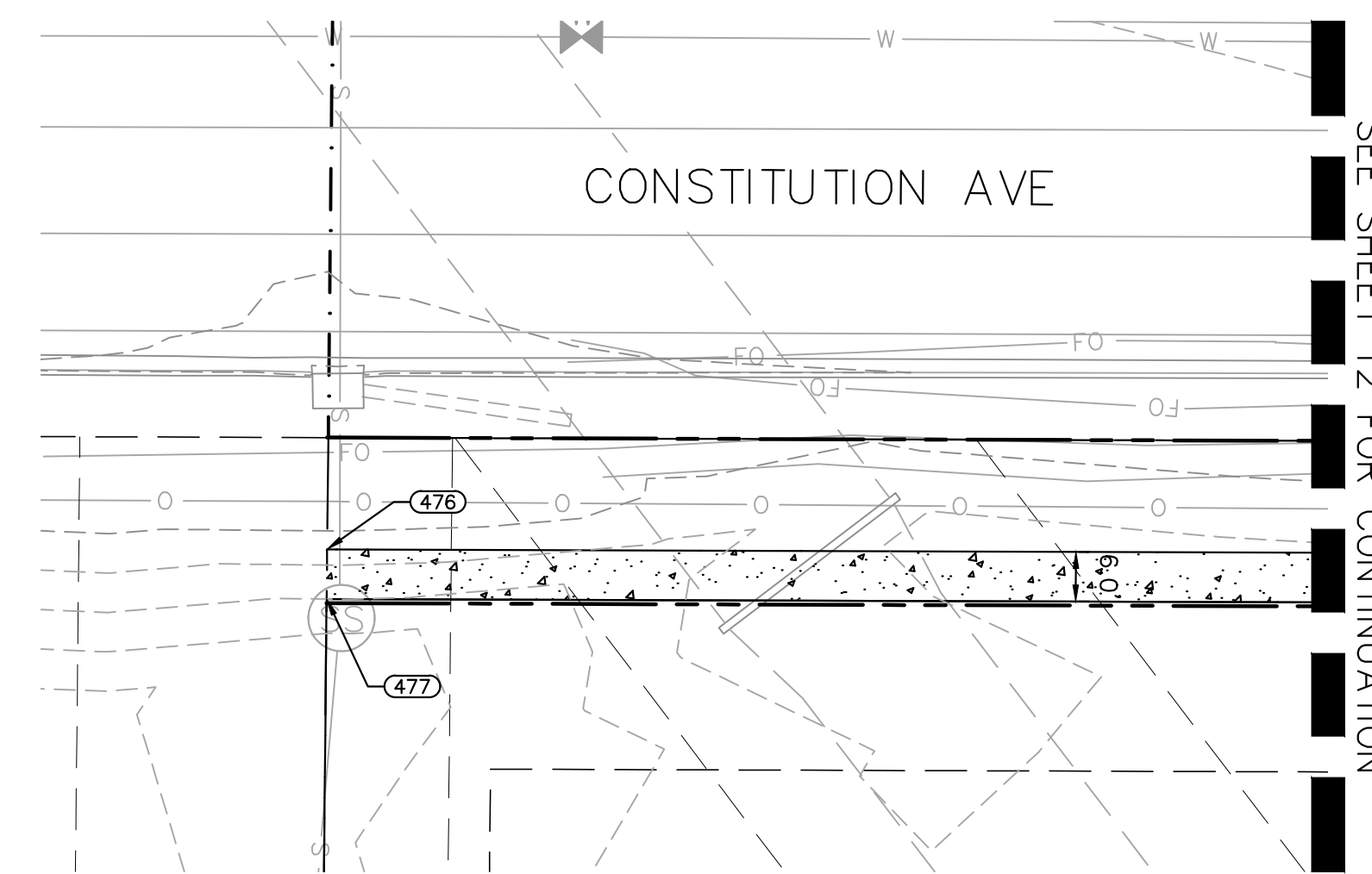
FOR NORTH RAB POINTS DATA NOS. 400 - 441 SEE SHEET 12

POINT #	MAINLINE CL STATION	OFFSET	ELEVATION	DESCRIPTION
442	103+23.03	-3.24'	6436.89'	RAMP
443	103+17.90	-3.08'	6436.84'	RAMP
444	103+03.96	10.98'	6436.31'	PCC
445	103+00.23	7.60'	6436.34'	PCC
446	103+18.47	30.55'	6435.92'	RAMP
447	103+22.51	29.69'	6435.97'	RAMP
448	103+26.83	28.99'	6436.01'	RAMP
449	103+30.94	28.51'	6436.06'	RAMP
450	103+46.47	28.40'	6436.23'	PT
451	103+48.17	28.54'	6436.25'	PC
452	103+85.09	28.64'	6436.90'	PT
453	104+84.93	28.05'	6439.45'	PC
454	104+95.65	29.51'	6439.75'	RAMP
455	104+97.36	30.03'	6439.82'	RAMP

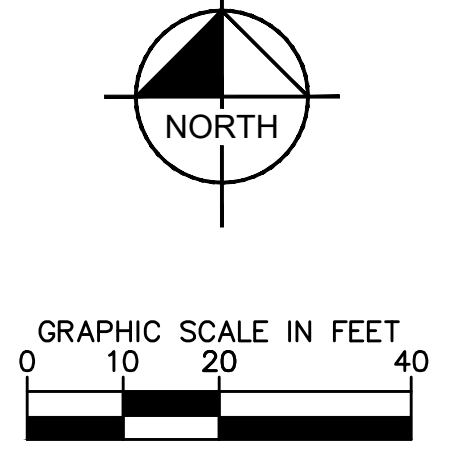
POINT #	MAINLINE CL STATION	OFFSET	ELEVATION	DESCRIPTION
456	105+03.36	32.55'	6439.95'	RAMP
457	105+05.33	33.64'	6440.03'	RAMP
458	105+24.93	68.09'	6440.74'	PT
459	105+24.84	145.18'	6441.30'	ME
460	103+23.59	38.10'	6436.63'	SWK
461	103+27.76	37.42'	6436.67'	SWK
462	103+24.61	46.00'	6436.75'	SWK
463	103+28.58	45.36'	6436.79'	SWK
464	103+47.82	37.02'	6436.91'	SWK
465	103+48.49	42.32'	6437.03'	SWK
466	103+50.99	42.30'	6437.06'	SWK
467	103+85.60	37.12'	6437.56'	SWK
468	104+97.36	36.55'	6440.32'	SWK
469	105+03.36	36.55'	6440.24'	SWK

POINT #	MAINLINE CL STATION	OFFSET	ELEVATION	DESCRIPTION
470	104+97.36	41.55'	6440.36'	SWK
471	105+03.36	41.55'	6440.33'	SWK
472	103+18.29	1.93'	6436.79'	RAMP
473	103+23.18	1.13'	6436.85'	RAMP
476	105+03.36	-189.52'	6439.46'	SWK
477	104+97.36	-189.56'	6438.00'	SWK
478	104+97.36	256.58'	6438.73'	SWK
479	104+97.36	261.58'	6438.68'	SWK
480	104+97.36	301.28'	6439.40'	SWK
481	105+03.36	301.29'	6439.49'	SWK
482	104+97.36	480.87'	6440.00'	SWK
483	105+03.36	480.88'	6440.09'	SWK
484	104+97.36	645.75'	6440.85'	SWK
485	105+03.36	645.76'	6440.94'	SWK

POINT #	MAINLINE CL STATION	OFFSET	ELEVATION	DESCRIPTION
486	104+97.36	718.03'	6441.40'	SWK
487	105+03.36	718.04'	6441.49'	SWK
488	104+97.36	818.04'	6443.45'	SWK
489	105+03.36	818.05'	6443.54'	SWK
490	104+97.36	918.03'	6442.00'	SWK
491	105+03.36	918.04'	6442.09'	SWK
492	104+97.36	1012.20'	6445.48'	SWK
493	104+94.43	1015.71'	6445.65'	SWK
494	104+98.91	1019.87'	6445.57'	SWK
495	105+03.36	1014.53'	6445.41'	SWK



SEE SHEET 12 FOR CONTINUATION



NOTES:
1. ALL STATIONING IS FROM AKERS CL UNLESS OTHERWISE STATED.

LEGEND:
- - - - - TOP OF SLOPE
- - - - - TOE OF SLOPE

EPC 11/21/22

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Kimley Horn
2022 KIMLEY-HORN AND ASSOCIATES, INC.
4882 South Ulster Street, Suite 1500
Denver, CO 80237 (303) 228-2300

DESIGNED BY: SMH
DRAWN BY: TL
CHECKED BY: CEH
DATE: 10/26/2022

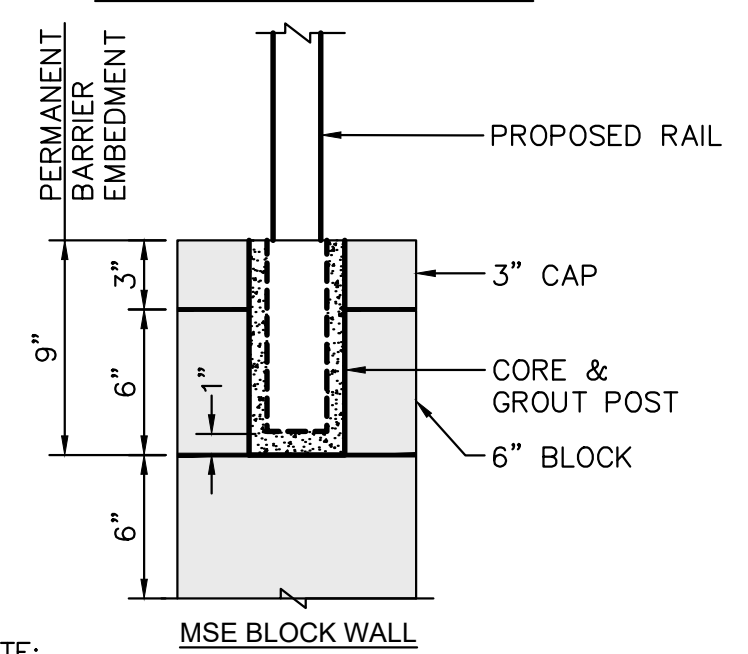
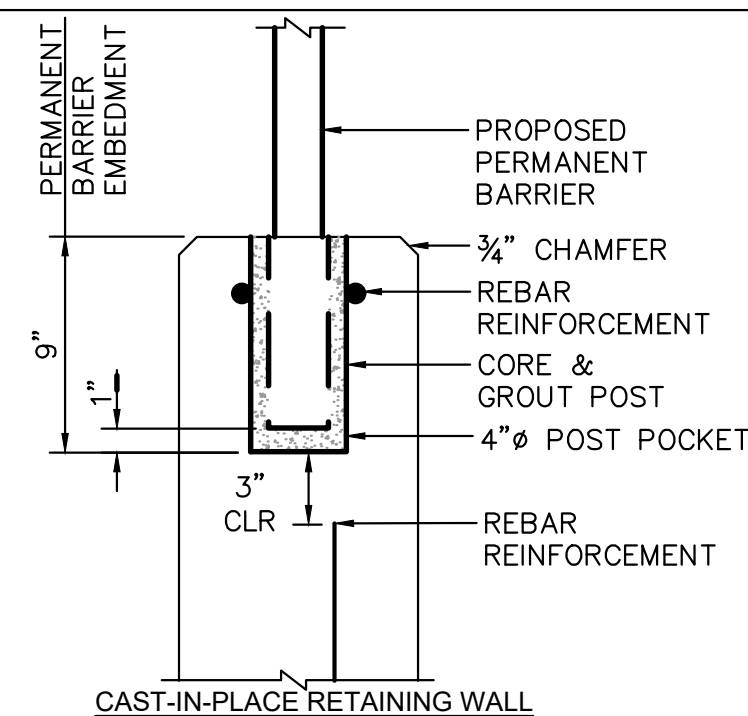
AKERS DR & ACCESS ROAD ROUNDABOUT
EL PASO COUNTY, COLORADO
ROADWAY CONSTRUCTION DOCUMENTS
GRADING PLAN



PROJECT NO. 096481004

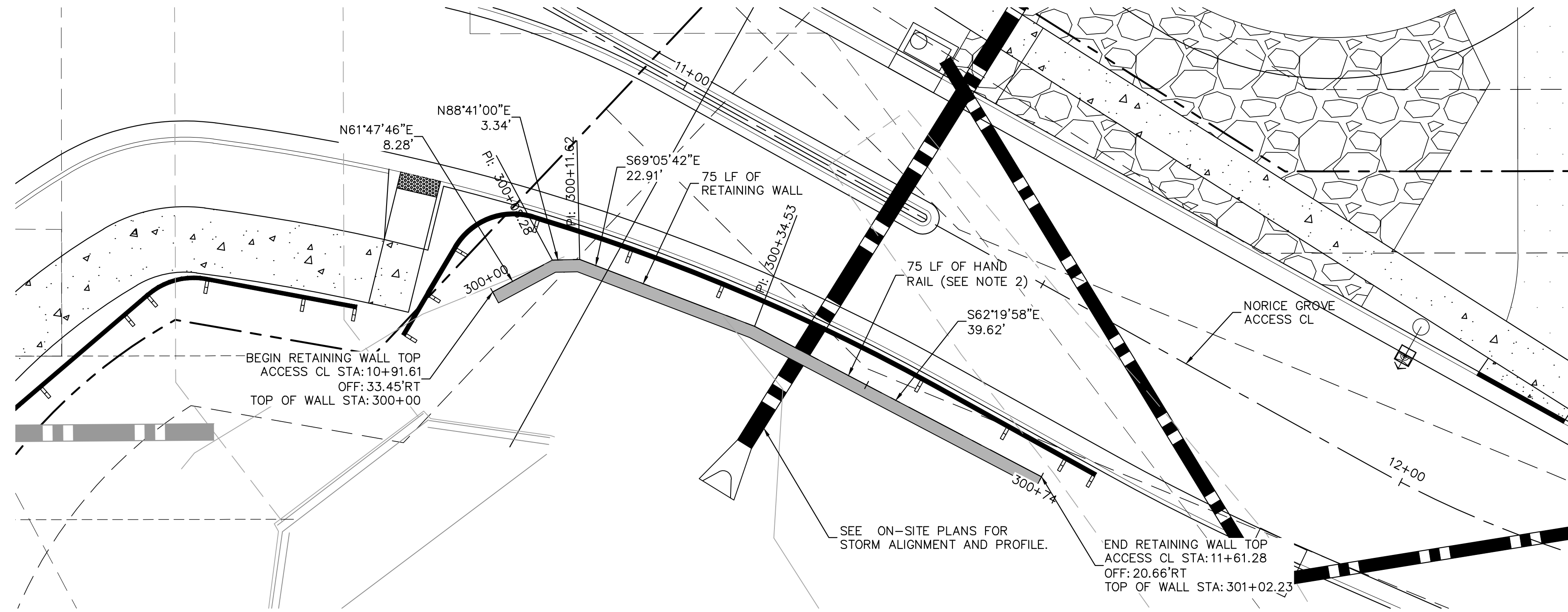
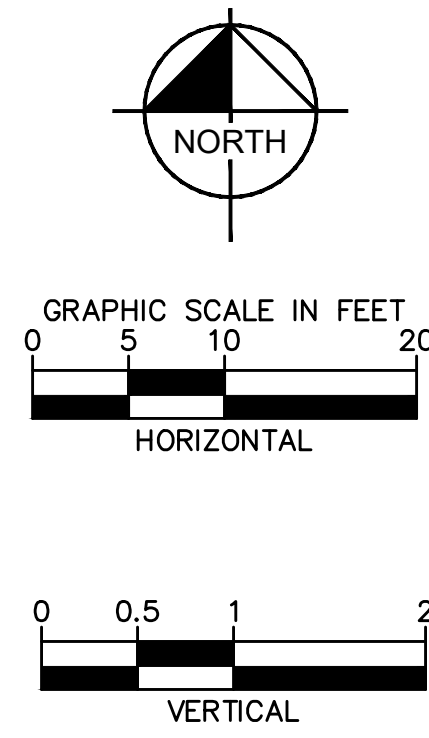
SHEET

13



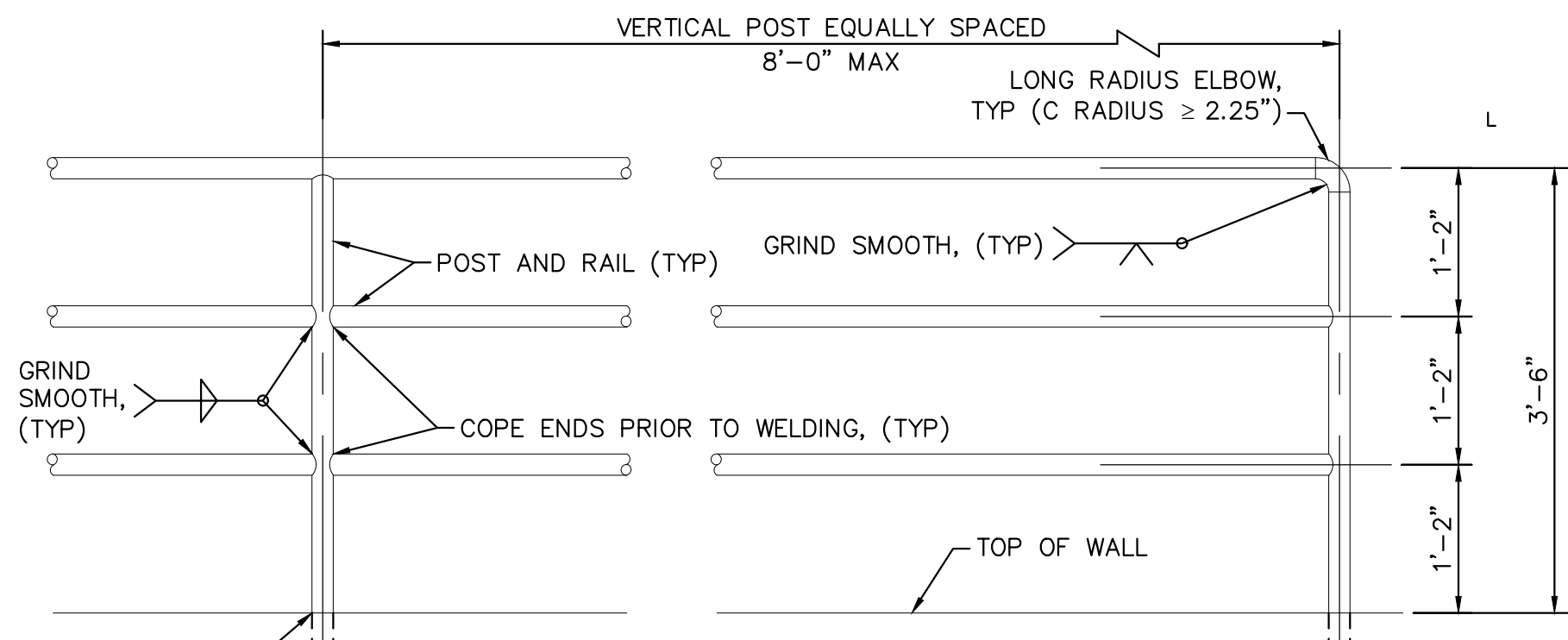
NOTE:
GUARDRAILS ARE TO BE 42" MINIMUM HEIGHT AND REQUIRED IN ANY LOCATION WHERE THE ADJACENT GRADE IS MORE THAN 30" BELOW THE TOP OF WALL.

SAFETY RAILING WALL EMBEDMENT DETAIL (N.T.S.)



SAFETY RAILING NOTES:

1. POSTS AND RAILING SHALL BE 1.5" SCHEDULE 40 STEEL PIPE PER ASTM A53 GRADE B (2.72 #/LF, 1.9" O.D.).
2. SHOP PRIME RAIL WITH PRUST INHIBITING PRIMER (FIELD REPAIR PRIMER AS NEEDED). RAIL FINISH PAINT SHALL BE BENJAMIN MOORE (BM) 1001 (4B) NORTH CREEK BROWN, SATIN FINISH.
3. VERTICAL POSTS TO BE EVENLY SPACED. REMOVE ALL SHARP EDGES.
4. THE ANCHORAGE EMBEDMENT SHALL BE LOCATED BEHIND THE MSE BLOCK WALL AND ANCHORED PER MANUFACTURER RECOMMENDATIONS.
5. RAILING SHALL BE REQUIRED AT ALL LOCATIONS WHERE RETAINING WALLS ARE 30" TALL OR TALLER.

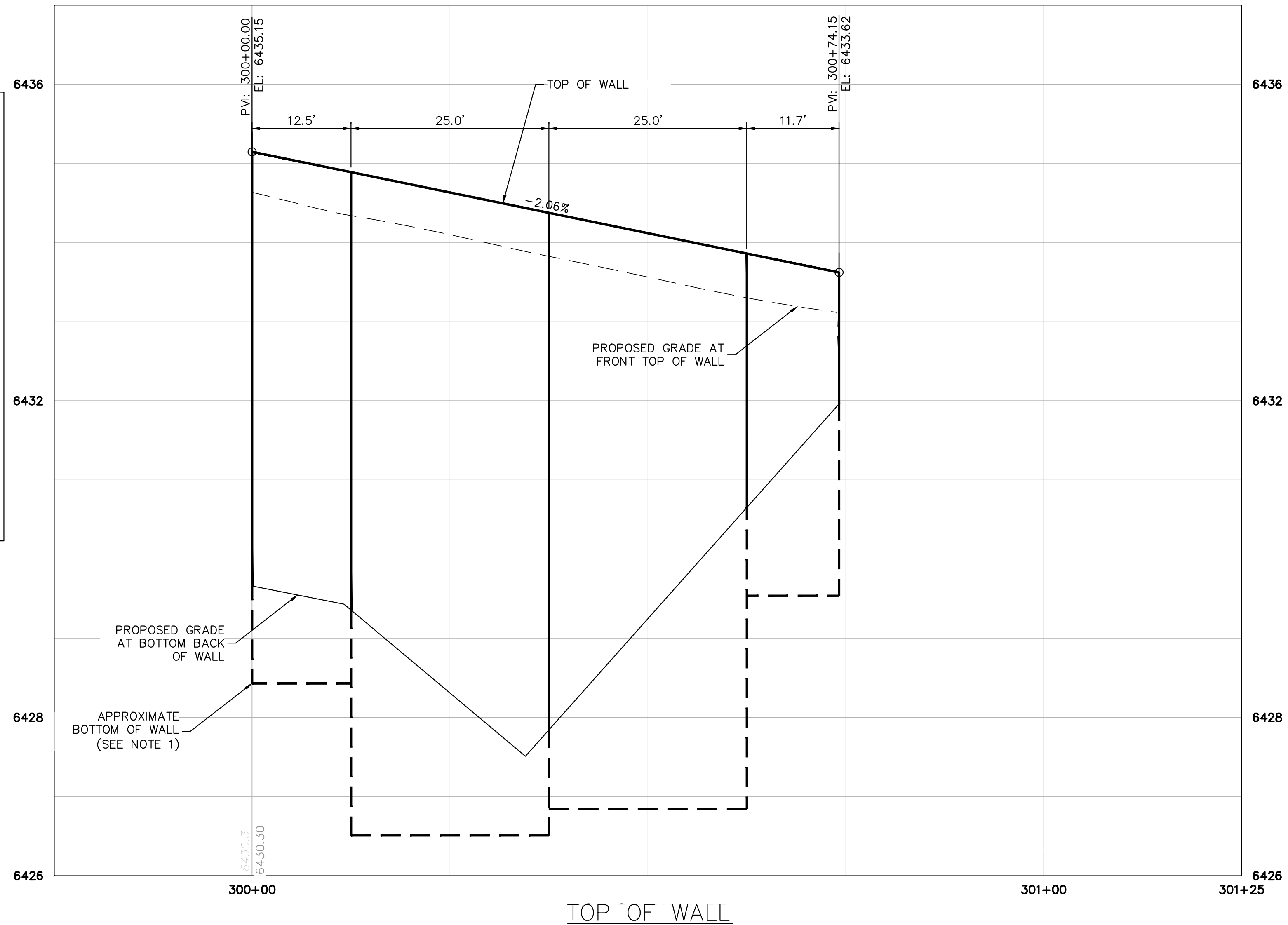


SAFETY RAILING - ELEVATION (WALL)
NOT TO SCALE

POST EMBEDMENT. FOR WALL EMBEDMENT DETAIL SEE THIS SHEET. FOR OTHER EMBEDMENT TYPES, SEE MANUFACTURER RECOMMENDATIONS FOR ANCHORAGE DETAILS. CONTRACTOR SHALL SUBMIT EMBEDMENT/ANCHORAGE DETAIL TO ENGINEER OF RECORD FOR APPROVAL, INCLUDING A DESIGN SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF COLORADO.

NOTES:

1. SIZE OF WALL FOOTING AND LOCATION OF FOOTING STEPS ARE APPROXIMATE ONLY. CONTRACTOR SHALL PROVIDE FINAL DESIGN & SHOP DRAWINGS TO THE COUNTY PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL INSTALL HANDRAIL ALONG THE TOP OF THE RETAINING WALL REFER TO DETAILS ON THIS SHEET.



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2022 KIMLEY-HORN AND ASSOCIATES, INC.
4582 South Ulster Street, Suite 1500
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DESIGNED BY: SMH
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DATE: 10/26/2022

AKERS DR & ACCESS ROAD ROUNDABOUT
EL PASO COUNTY, COLORADO
ROADWAY CONSTRUCTION DOCUMENTS
RETAINING WALL PLAN



PROJECT NO.
096481004

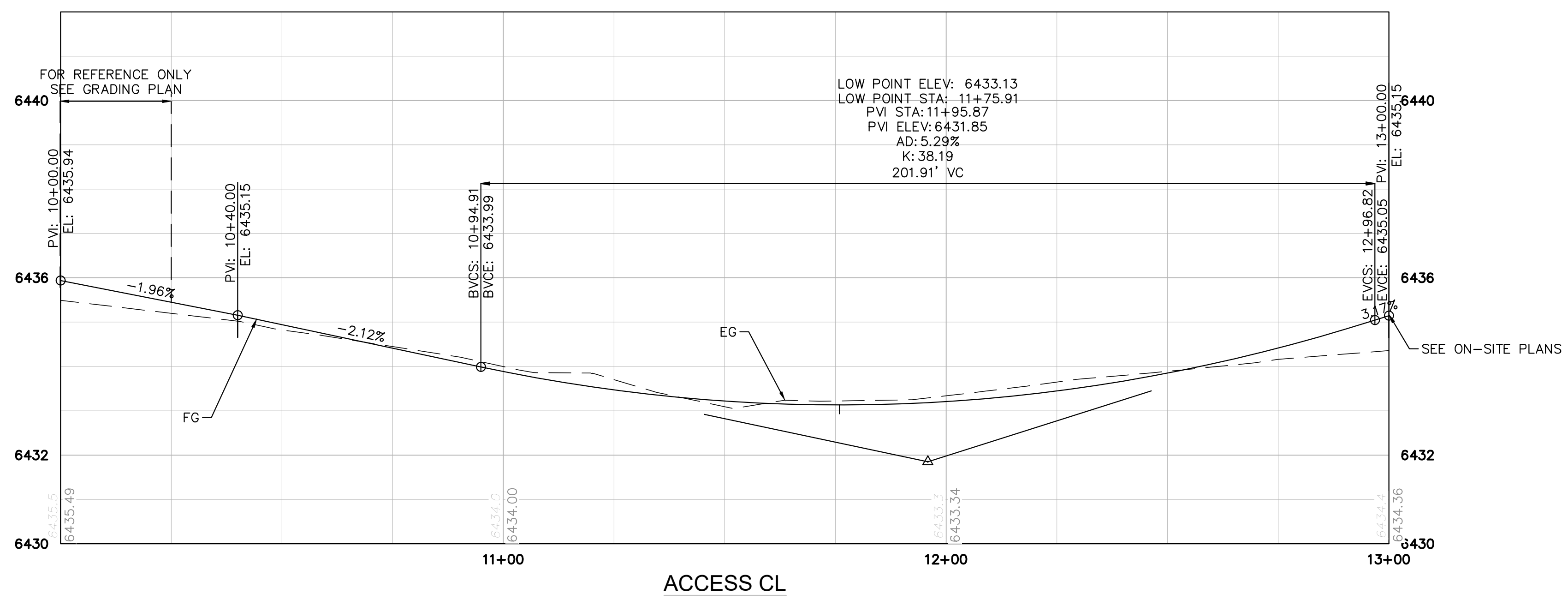
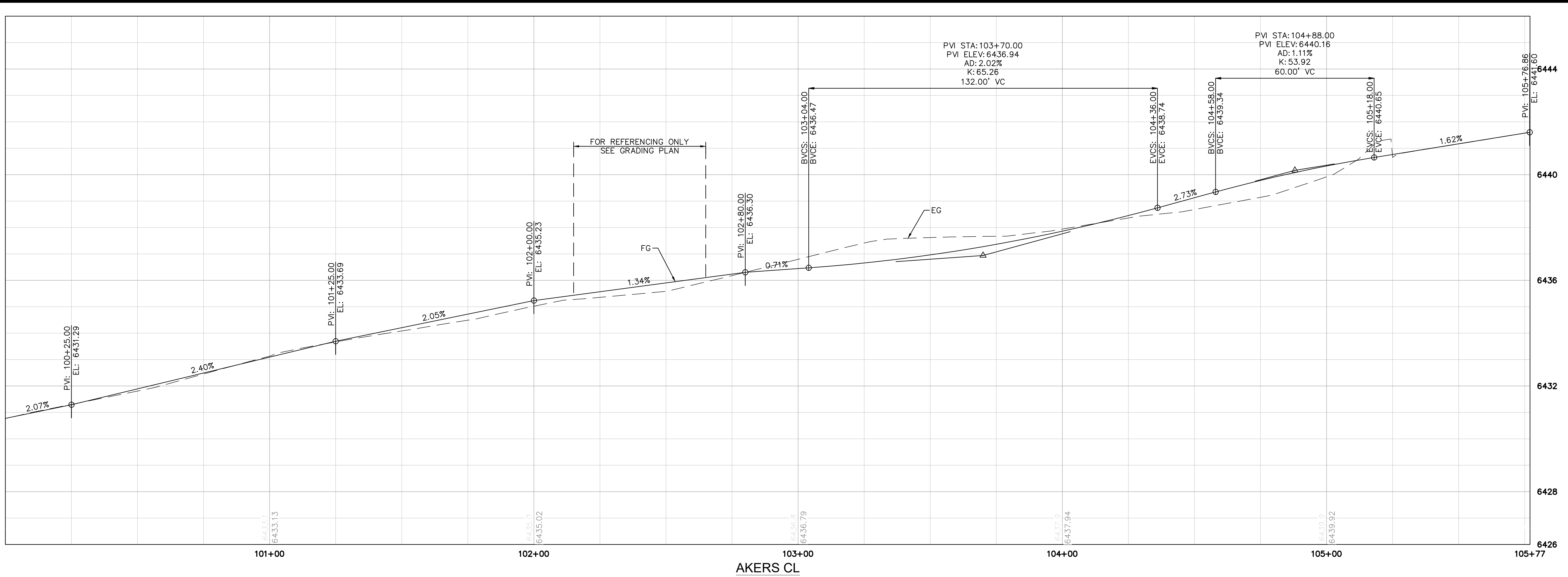
SHEET

14

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 4582 South Ulster Street, Suite 1500
 Denver, CO 80237 (303) 228-2300

DESIGNED BY: SMH
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 EL PASO COUNTY, COLORADO
 ROADWAY CONSTRUCTION DOCUMENTS
ROADWAY PROFILES



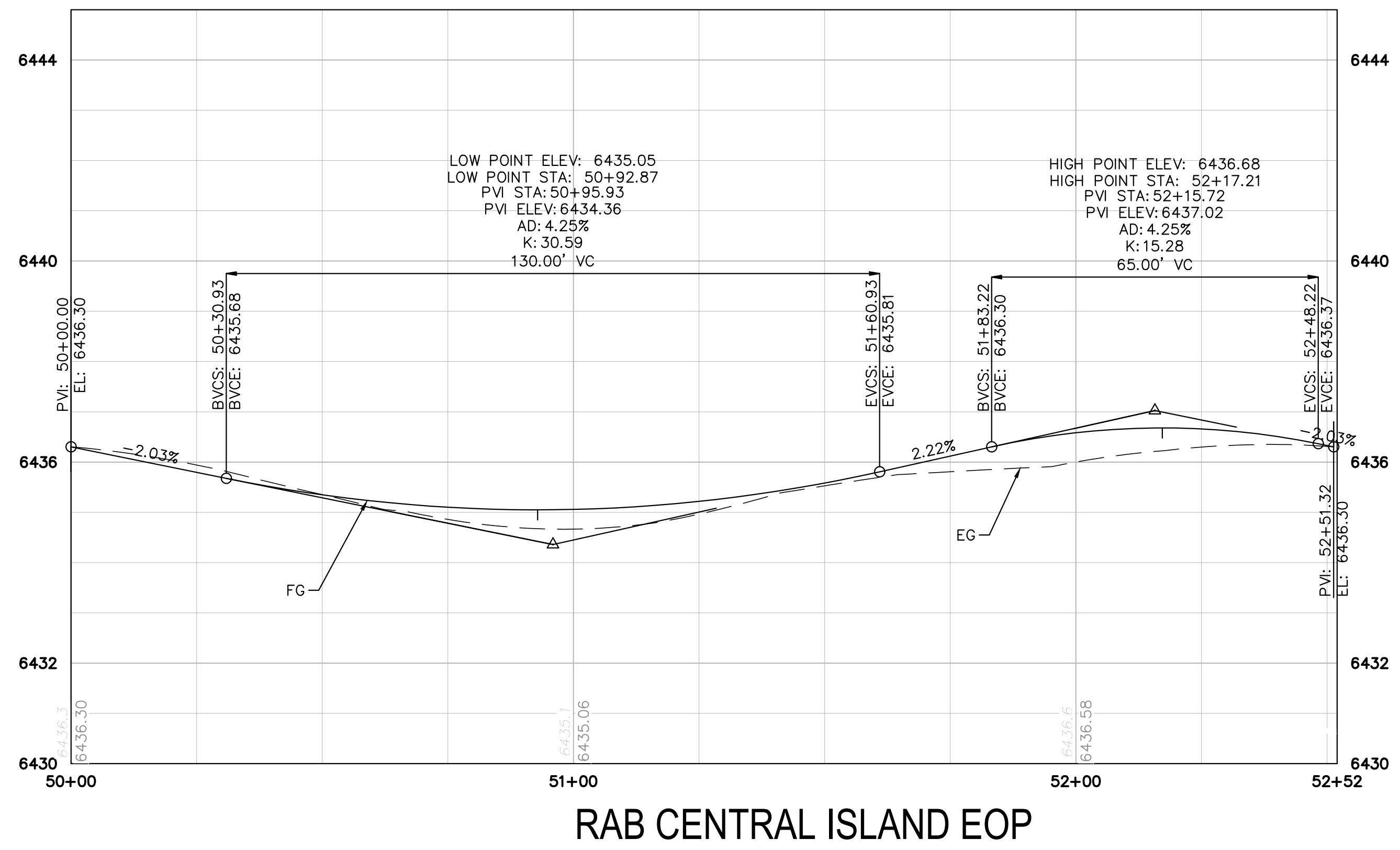
PROJECT NO.
096481004

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15

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CALL UTILITY NOTIFICATION
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1-800-922-1987
 CALL 2-BUSINESS DAYS IN ADVANCE
 BEFORE YOU DIG, GRADE, OR EXCAVATE
 FOR THE MARKING OF UNDERGROUND
 MEMBER UTILITIES



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Kimley»Horn
 2022 KIMLEY-HORN AND ASSOCIATES, INC.
 4582 South Ulster Street, Suite 1500
 Denver, CO 80237 (303) 228-2300

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 EL PASO COUNTY, COLORADO
 ROADWAY CONSTRUCTION DOCUMENTS
ROADWAY PROFILES



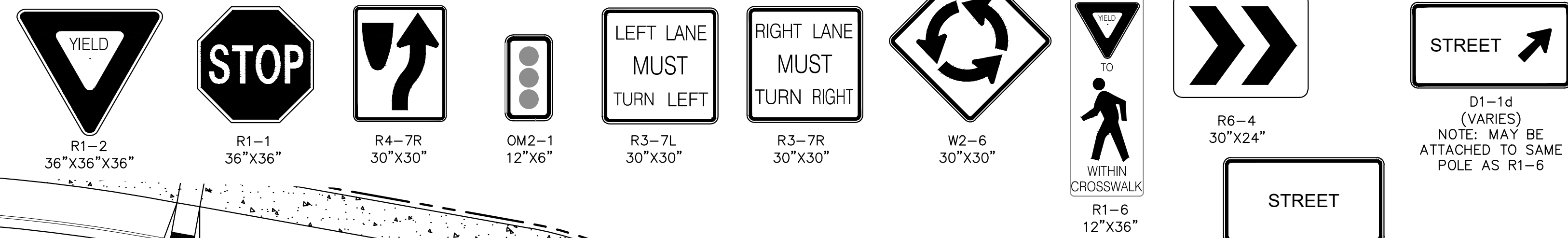
PROJECT NO.
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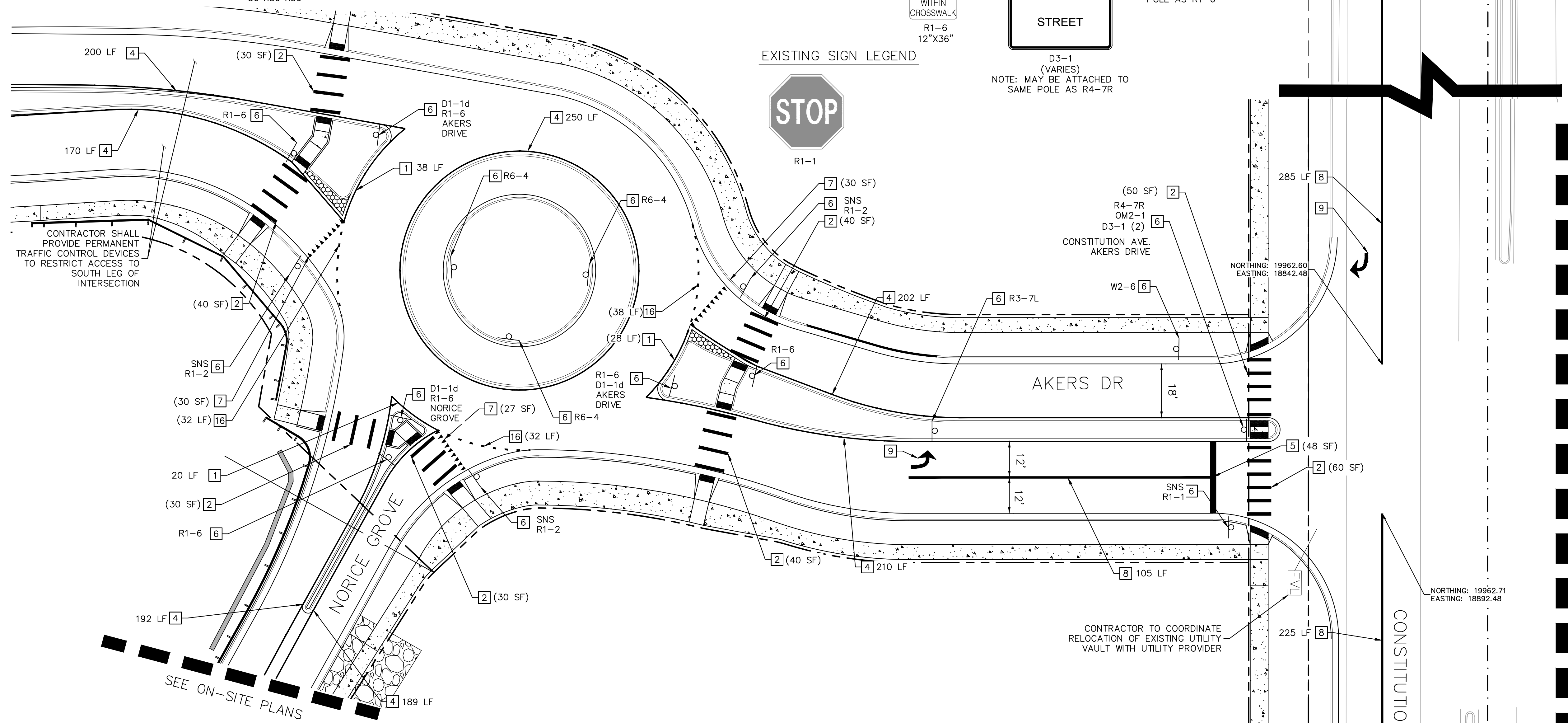
16

NOTES:
 1. CONTRACTOR SHALL CONFER WITH EL PASO COUNTY PRIOR TO FABRICATION OF STREET NAME SIGNS.

PROPOSED SIGN LEGEND



EXISTING SIGN LEGEND

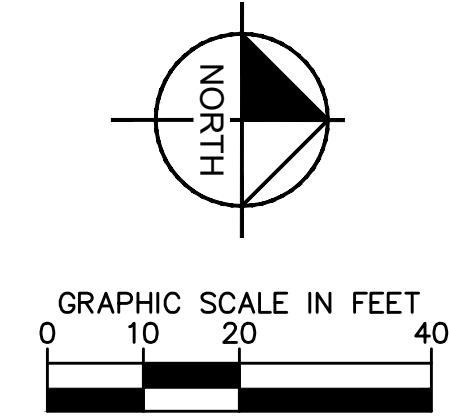


CONTRACTOR SHALL PROVIDE PERMANENT TRAFFIC CONTROL DEVICES TO RESTRICT ACCESS TO SOUTH LEG OF INTERSECTION

CONTRACTOR TO COORDINATE RELOCATION OF EXISTING UTILITY VAULT WITH UTILITY PROVIDER

SIGNING AND STRIPING NOTES

- | | |
|--|--|
| 1 EDGE LINE: SOLID WHITE, 4" WIDE (EPOXY) | 9 TURN ARROW: WHITE, 16.1 SF (PER CDOT S-627-1) (THERMOPLASTIC) |
| 2 CROSSWALK MARKING: 10 SF, 1"X10" SOLID WHITE, SPACING AS NEEDED PER AND WHEEL PATH (THERMOPLASTIC) | 10 RESET SIGN ON NEW POST |
| 3 THRU-TURN ARROW: WHITE, 27.5 SF (PER CDOT S-627-1) (THERMOPLASTIC) | 11 EXISTING SIGN AND POST TO REMAIN |
| 4 EDGE LINE: SOLID YELLOW, 4" WIDE (EPOXY) | 12 CHEVRON: WHITE, 8" WIDE, 5 SF, 25' SPACING (THERMOPLASTIC) |
| 5 STOP BAR: WHITE, 2' WIDE (THERMOPLASTIC) | 13 TURN ARROW: WHITE, 16.1 SF (PER CDOT S-627-1) (THERMOPLASTIC) |
| 6 NEW SIGN PANEL WITH NEW POST | 14 STOP MARKING: WHITE, 8' TALL, 7"-4" WIDE (PER CDOT S-627-1) (THERMOPLASTIC) |
| 7 YIELD TEETH: WHITE TRIANGLES, 1' WIDE AND 1.5' TALL, 0.75 SF (THERMOPLASTIC) | 15 RUBBER CURB: 1' WIDE |
| 8 CHANNELIZING LINE: SOLID WHITE, 8" WIDE (EPOXY) | 16 ROUNDABOUT LINE: WHITE, 6" WIDE, 1 SF, 2' PAINT, 4' SPACING |



MATCHLINE A

Kimley»Horn
 2022 KIMLEY-HORN AND ASSOCIATES, INC.
 4582 South Ulster Street, Suite 1500
 Denver, CO 80237 (303) 228-2300

DESIGNED BY: SMH
 DRAWN BY: TL
 CHECKED BY: CEH
 DATE: 10/26/2022

AKERS DR & ACCESS ROAD ROUNDABOUT
 EL PASO COUNTY, COLORADO
 ROADWAY CONSTRUCTION DOCUMENTS
SIGNING AND STRIPING



PROJECT NO.
096481004

SHEET

17

NO.	REVISION	BY	DATE	APPR.

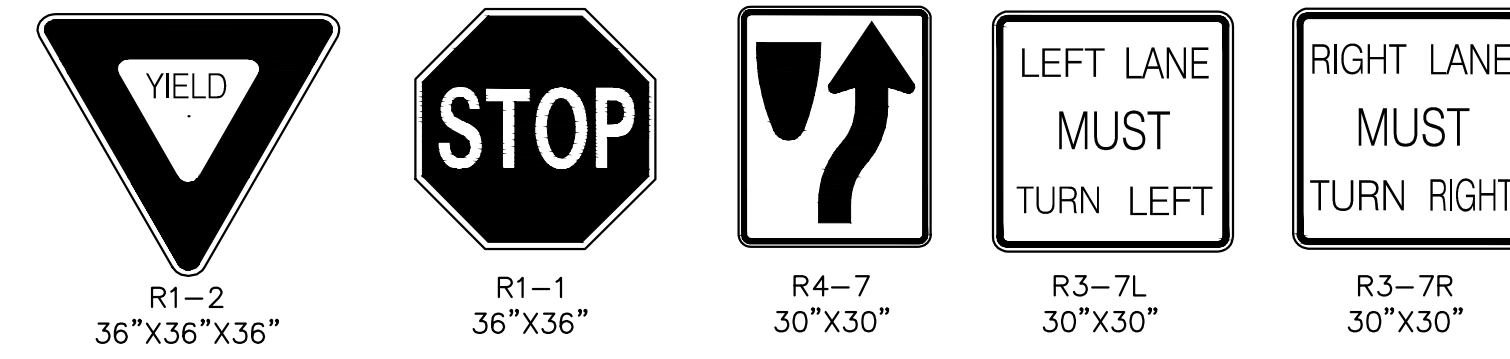
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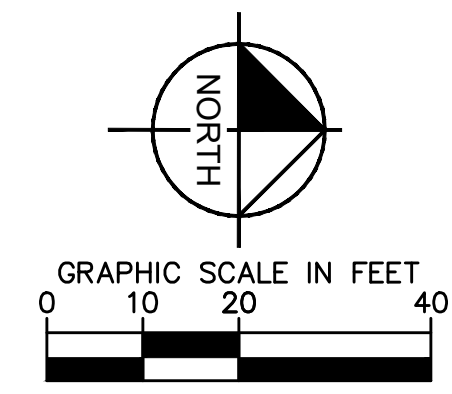
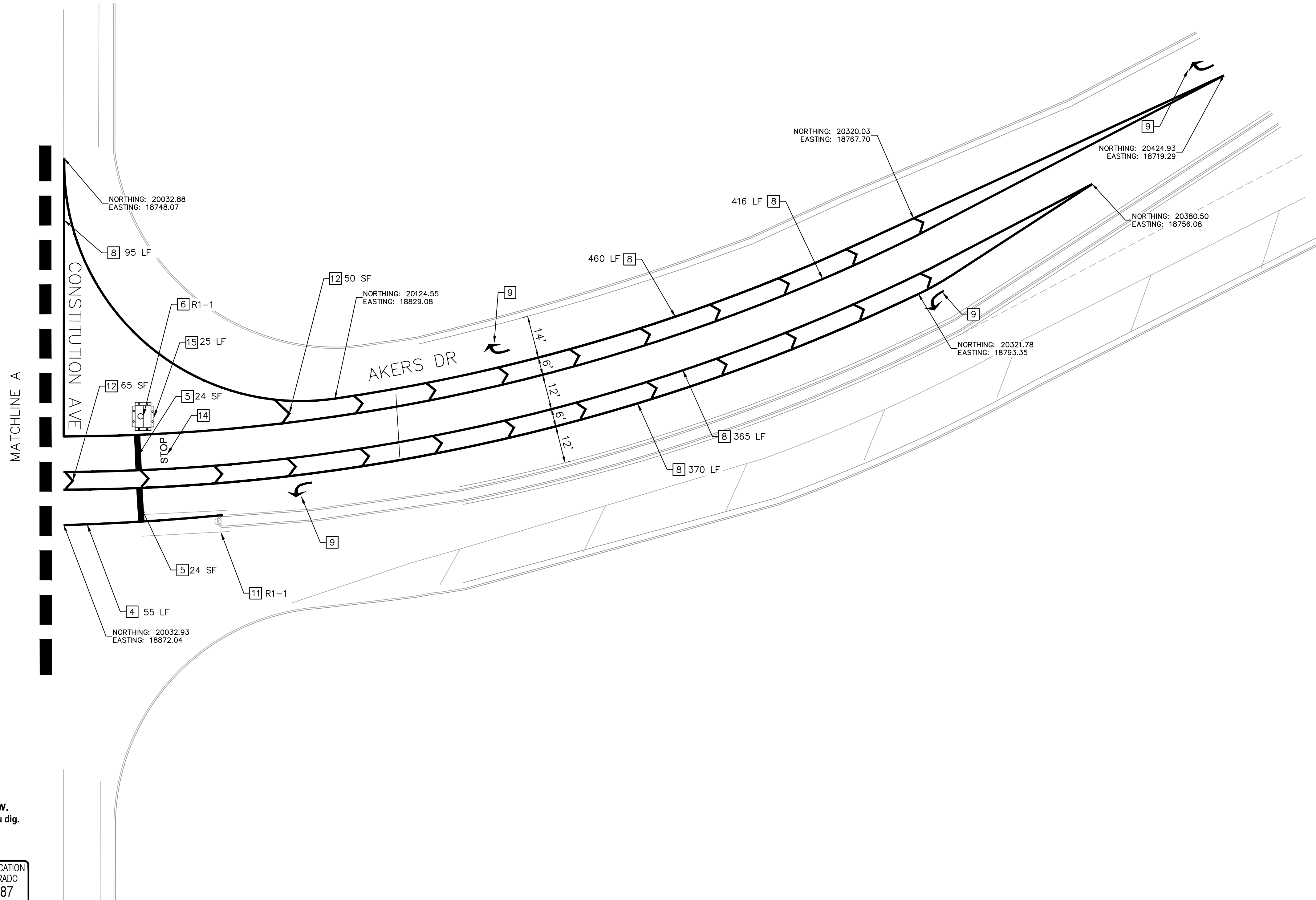
SIGNING AND STRIPING NOTES

- 1 EDGE LINE: SOLID WHITE, 4" WIDE (EPOXY)
- 2 CROSSWALK MARKING: 20 SF, 2"X10" SOLID WHITE, SPACING AS NEEDED PER AND WHEEL PATH (THERMOPLASTIC)
- 3 THRU-TURN ARROW: WHITE, 27.5 SF (PER CDOT S-627-1) (THERMOPLASTIC)
- 4 EDGE LINE: SOLID YELLOW, 4" WIDE (EPOXY)
- 5 STOP BAR: WHITE, 2' WIDE (THERMOPLASTIC)
- 6 NEW SIGN PANEL WITH NEW POST
- 7 YIELD TEETH: WHITE TRIANGLES, 2' WIDE AND 3' TALL, 3 SF (THERMOPLASTIC)
- 8 CHANNELIZING LINE: SOLID WHITE, 8" WIDE (EPOXY)
- 9 TURN ARROW: WHITE, 16.1 SF (PER CDOT S-627-1) (THERMOPLASTIC)
- 10 RESET SIGN ON NEW POST
- 11 EXISTING SIGN AND POST TO REMAIN
- 12 CHEVRON: WHITE, 8" WIDE, 5 SF, 25' SPACING (THERMOPLASTIC)
- 13 TURN ARROW: WHITE, 16.1 SF (PER CDOT S-627-1) (THERMOPLASTIC)
- 14 STOP MARKING: WHITE, 8' TALL, 7'-4" WIDE (PER CDOT S-627-1) (THERMOPLASTIC)
- 15 RUBBER CURB: 1' WIDE

PROPOSED SIGN LEGEND



EXISTING SIGN LEGEND



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 4582 South Ulster Street, Suite 1500
 Denver, CO 80237 (303) 228-2300

DESIGNED BY: SMH
 DRAWN BY: TL
 CHECKED BY: CEH
 DATE: 10/20/2022

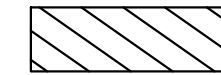
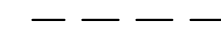
AKERS DR & ACCESS ROAD ROUNDABOUT
 EL PASO COUNTY, COLORADO
 ROADWAY CONSTRUCTION DOCUMENTS
SIGNING AND STRIPING



PROJECT NO.
096481004

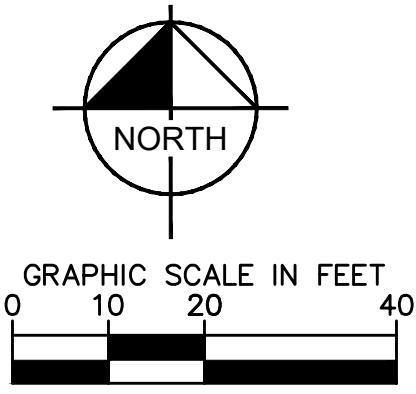
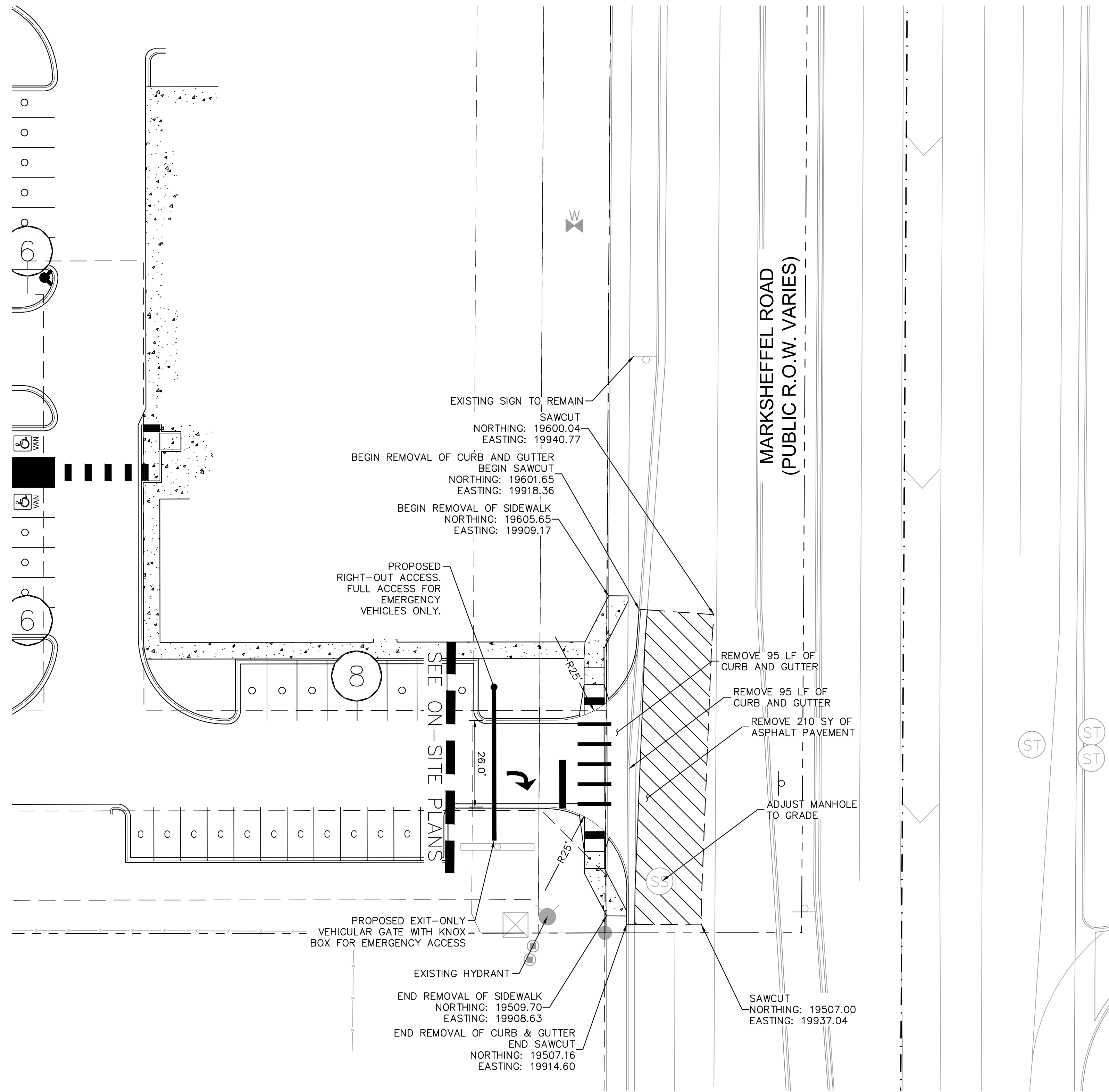
SHEET
18

LEGEND

-  REMOVAL OF ASPHALT PAVEMENT (FULL DEPTH)
-  SAWCUT

NOTES

1. SEE ON-SITE PLANS FOR ADDITIONAL REMOVAL/RESET INFORMATION.
2. PAVEMENT MARKINGS SHALL BE REMOVED BY WATER BLASTING.



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 4582 South Ulster Street, Suite 1500
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AKERS DR & ACCESS ROAD ROUNDABOUT
 EL PASO COUNTY, COLORADO
 ROADWAY CONSTRUCTION DOCUMENTS
 REMOVAL PLAN - MARKSHEFFEL



PROJECT NO.
096481004

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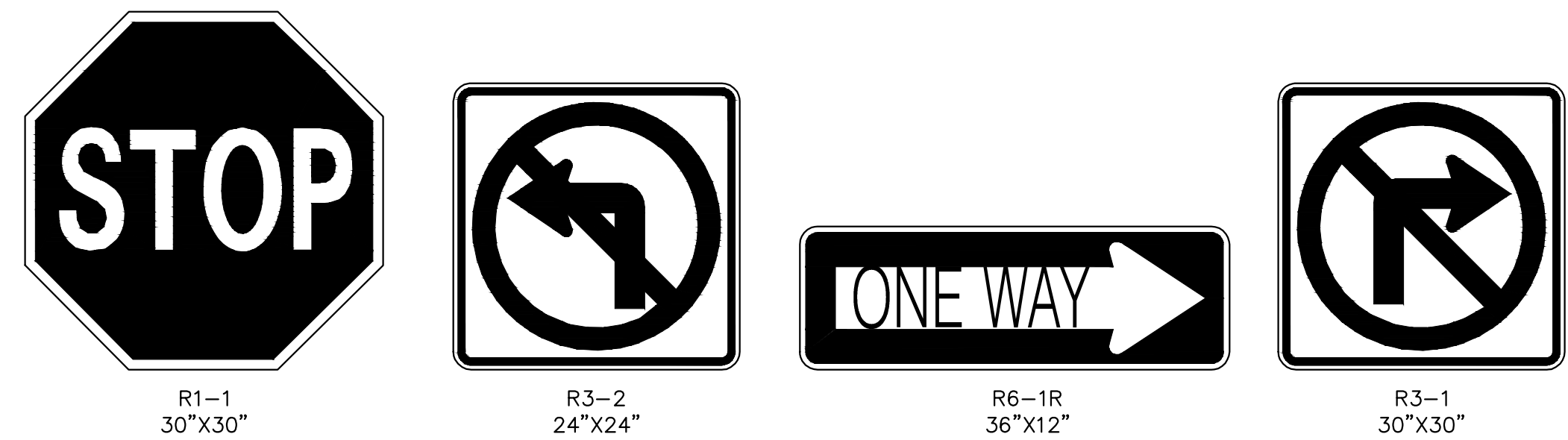
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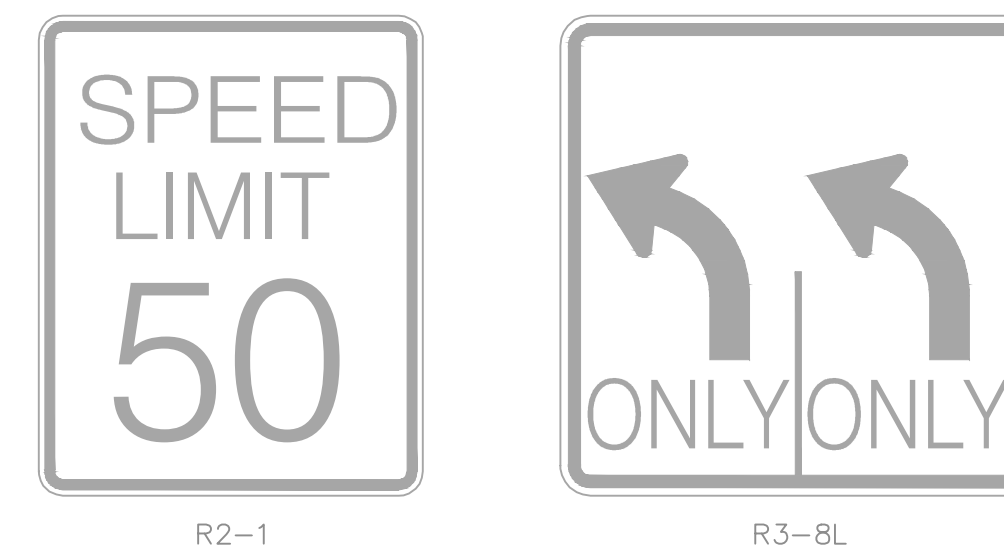
SIGNING AND STRIPING NOTES

- 1 STOP BAR: WHITE, 2' WIDE (THERMOPLASTIC)
- 2 TURN ARROW: WHITE, 16.1 SF (PER CDOT S-627-1) (THERMOPLASTIC)
- 3 NEW SIGN PANEL WITH NEW POST
- 4 EXISTING SIGN PANEL AND POST TO REMAIN
- 5 CROSSWALK MARKING: 10 SF, 1"x10" SOLID WHITE, SPACING AS NEEDED PER AND WHEEL PATH (THERMOPLASTIC)

PROPOSED SIGN LEGEND



EXISTING SIGN LEGEND



LEGEND:

- SAWCUT
- PROPOSED HOT MIX ASPHALT
- PROPOSED CONCRETE SIDEWALK
- ▨ PROPOSED CONCRETE CURB RAMP

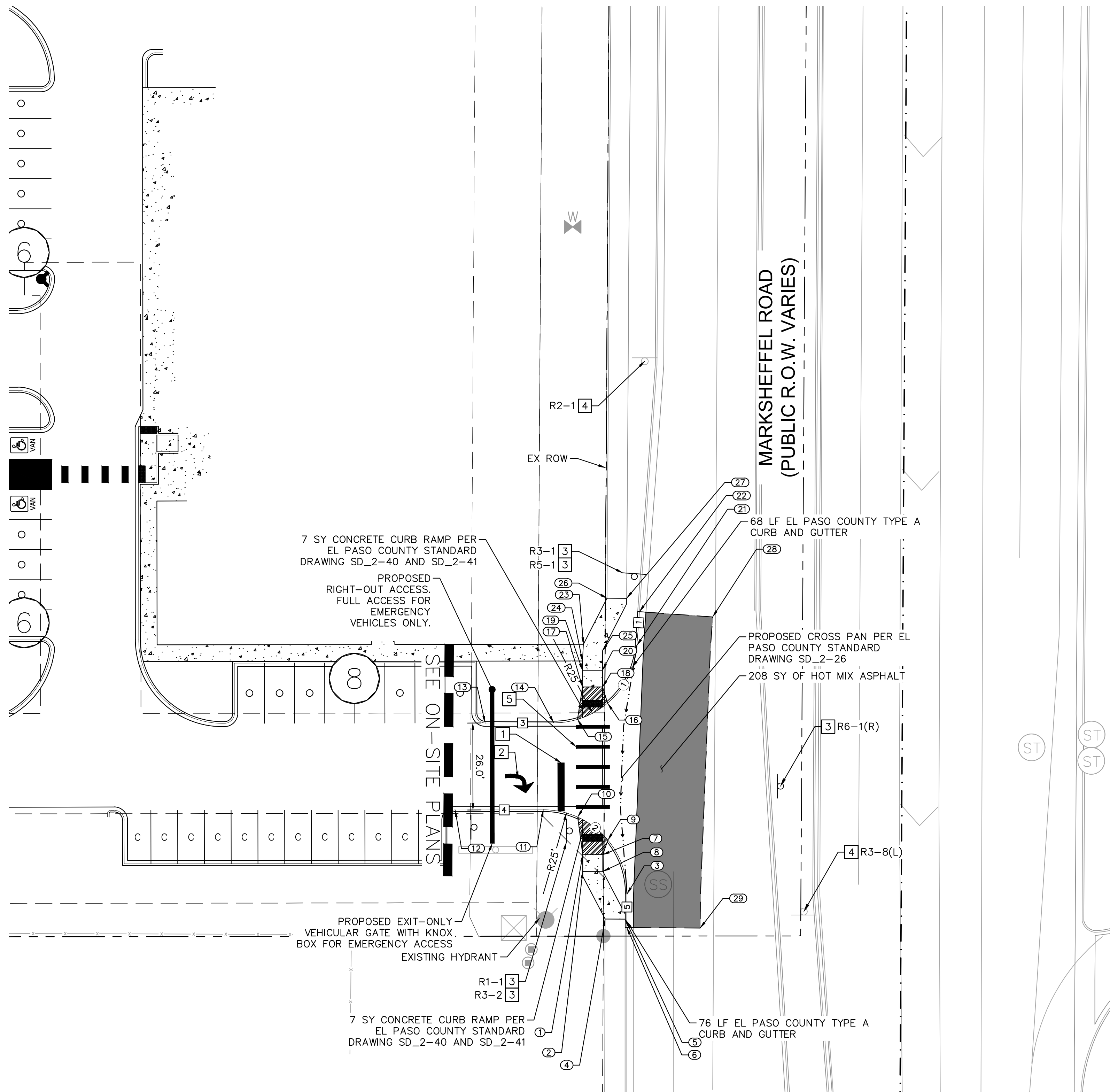
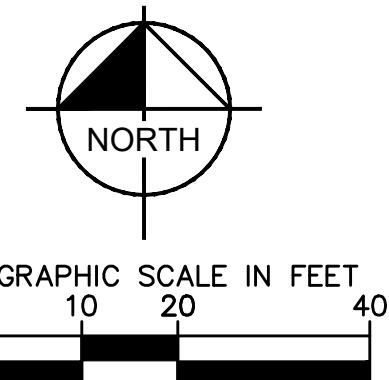
LINE	LENGTH	BEARING
1	10.10	N4°09'19.63"E
3	20.49	N89°54'38.02"E
4	26.35	S89°54'38.02"W
5	10.03	N0°21'16.31"E

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
1	25.00'	37.42'	N47°01'59"E	34.02'	85°45'18"	23.21'
2	25.00'	39.46'	N44°52'03"W	35.49'	90°26'38"	25.19'

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	19528.9440	19901.9304	6438.3'	RAMP
2	19523.9440	19901.9304	6438.3'	RAMP
3	19517.1896	19915.1668	6437.5'	FL
4	19509.7042	19908.6250	6437.6'	SWK,ME
5	19509.6671	19914.6202	6437.5'	SWK,ME
6	19507.1608	19915.1047	6437.3'	FL,ME
7	19528.9534	19907.9226	6438.2'	RAMP
8	19523.9534	19907.9304	6438.3'	RAMP
9	19533.2971	19909.4158	6438.1'	RAMP
10	19540.1519	19900.4051	6438.3'	RAMP
11	19542.3442	19890.1282	6438.9'	FL
12	19542.3031	19863.7733	6439.9'	FL
13	19568.3171	19872.7435	6440.0'	FL
14	19568.3491	19893.2307	6438.9'	FL
15	19569.3987	19900.3594	6438.6'	RAMP
16	19574.2743	19909.3518	6438.7'	RAMP
17	19579.0906	19901.8443	6439.3'	RAMP
18	19579.1000	19907.8443	6439.2'	RAMP
19	19584.0906	19901.8365	6439.3'	RAMP
20	19584.1000	19907.8365	6439.3'	RAMP
21	19591.5375	19918.1259	6438.7'	FL
22	19601.6102	19918.8578	6438.9'	FL,ME
23	19591.8521	19902.1096	6439.5'	SWK
24	19586.8518	19901.8332	6439.4'	SWK
25	19589.8589	19907.8297	6439.4'	SWK
26	19605.6453	19909.1684	6439.7'	SWK,ME
27	19605.6453	19915.0572	6439.6'	SWK,ME
28	19600.0391	19940.7676	6439.4'	PVMT
29	19506.9983	19937.0351	6437.9'	PVMT



CALL UTILITY NOTIFICATION CENTER OF COLORADO
1-800-922-1987
CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES



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Kimley»Horn
2022 KIMLEY-HORN AND ASSOCIATES, INC.
4582 South Ulster Street, Suite 1500
Denver, CO 80237 (303) 228-2300

DESIGNED BY: SMH
DRAWN BY: TL
CHECKED BY: CEH
DATE: 10/20/2022

AKERS DR & ACCESS ROAD ROUNDABOUT
EL PASO COUNTY, COLORADO
ROADWAY CONSTRUCTION DOCUMENTS
ROADWAY PLAN - MARKSHEFFEL ACCESS



PROJECT NO.
096481004

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