

OAK PARK ESTATES TRAIL

CITY OF NEVADA

NEVADA, IOWA

2025

LOCATION MAP

CERTIFICATION



I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

BLM 4/25/2025
 BRANDON LEE MICKELSON, P.E. DATE
 License Number: 2442528
 My license renewal date is December 31, 2025.
 Pages or sheets covered by this seal:
 - ALL SHEETS



SHEET INDEX

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THE IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) LATEST REVISIONS - 2025 EDITION, APPLICABLE SUPPLEMENTAL SPECIFICATIONS, AND SPECIAL PROVISIONS, SHALL APPLY TO CONSTRUCTION ON THIS PROJECT.



8710 EARHART LANE SW | CEDAR RAPIDS, IOWA 52404
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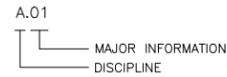


OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

TITLE SHEETS
 COVER SHEET

SHEET NO.
 A.01

SHEET DESIGNATIONS



DISCIPLINE

- A TITLE SHEETS
- B TYPICAL CROSS SECTIONS AND DETAILS
- C QUANTITIES AND GENERAL INFORMATION
- D MAINLINE PLAN AND PROFILE SHEETS
- E SIDE ROAD PLAN AND PROFILE SHEETS
- F EROSION AND SEDIMENT CONTROL (SWPPP)
- G SURVEY SHEETS
- H RIGHT-OF-WAY SHEETS
- J TRAFFIC CONTROL AND STAGING SHEETS
- K LANDSCAPE SHEETS
- L GEOMETRIC, STAKING, AND JOINTING SHEETS
- M BURIED PIPE SHEETS
- N TRAFFIC SIGNAL SHEETS
- P PERMANENT PAVING MARKINGS/SIGNING SHEETS
- Q REMOVAL SHEETS
- S SIDEWALK SHEETS
- T EARTHWORK QUANTITY/SOIL SHEETS
- U DESIGN DETAIL SHEETS, MODIFIED STANDARDS, AND DETAIL SHEETS
- W MAINLINE CROSS-SECTIONS
- X SIDE ROAD CROSS-SECTIONS

MATERIAL LEGEND

- EARTH, BACKFILL
- SAND, GRAVEL, CONCRETE (PLAN)
- GRAVEL FILL, GRAVEL PAVING
- RIP RAP
- CAST IN PLACE CONCRETE, PRECAST CONCRETE, PCC PAVING
- ACC PAVING
- SEEDED AREA

SYMBOL LEGEND

- TRUE NORTH ARROW:**
ORIENTATION IS SURVEYED TO TRUE NORTH OR AS CLOSE TO TRUE NORTH AS KNOWN DATA.
- PLAN NORTH ARROW:**
ORIENTATION IS CLOSEST TO TRUE NORTH AND INCREASES COMMUNICATION WHEN ADDRESSING SIDES OF A STRUCTURE.
- CIVIL SCALE BAR
- 1 BLDG DETAIL OR SECTION**
SCALE: TO SCALE
- 1 DETAIL (NOT TO SCALE)**
SCALE: NONE
- TYPICAL NOTE:**
1. NOTES ASSOCIATED WITH SHEET, PLAN, ELEVATION, SECTION OR DETAIL.
- 1**
S100 DETAIL INDICATOR
- 1**
A100 SECTION INDICATOR
- E**
A201 ELEVATION INDICATOR
- P101**
P102 MATCH LINE INDICATOR
- CONTRACT TERMINATOR
- 1** REVISION MARKER
- V** VENDOR **C** CONTRACTOR

UTILITY LEGEND

- WINDSTREAM COMMUNICATIONS
LOCATE DESK
(800)-289-1901
- MEDIACOM
WOLFGANG SPENCER
(845)-587-2497
- ALLIANT ENERGY
FIELD ENGINEER
(800)-255-4268
- CITY OF NEVADA
KERIN WRIGHT
(515)-382-5466

CIVIL LEGEND

- BENCHMARK, CONTROL POINT, ELEVATION INDICATOR
- CONCRETE MONUMENT
- IRON PIN FOUND
- IRON PIN SET
- OPEN PIPE
- ROW RAIL
- SECTION CORNER
- CHISELED X
- AREA INTAKE
- FIRE HYDRANT
- GUY WIRE
- MAILBOX
- POWERPOLE
- CONIFEROUS TREE
- DECIDUOUS TREE
- CORNER MONUMENT
- BEEHIVE INTAKE
- CABLE BOX
- CLEAN OUT
- ELECTRIC METER
- ELECTRIC BOX
- PHONE BOOTH
- GAS METER
- CURB INTAKE
- HANDICAP
- INTAKE
- LIGHT POLE
- SANITARY MANHOLE
- MONITORING WELL
- POST
- RAILROAD SIGN
- SATELLITE DISH
- SIGN
- SIGN
- SOIL BORING
- TREE STUMP
- TELEPHONE BOX
- TELEPHONE PEDESTAL
- TRAFFIC LIGHT
- TRAFFIC SIGNAL
- TRAFFIC SIGN
- YARD LIGHT
- BURIED VALVE
- BURIED WATER VALVE
- REMOVE TREE
- PRESERVE AND PROTECT EX. TREE
- REMOVE TREE BY OTHERS
- BOLLARD
- EASEMENT
- TEMPORARY EASEMENT
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING PERMANENT EASEMENT
- EXISTING TEMPORARY EASEMENT
- EXISTING FENCE
- EXISTING GRAVEL SURFACE
- EXISTING LOT LINE
- EXISTING SECTION LINE
- EXISTING UNDERGROUND TELEVISION
- EXISTING OVERHEAD ELECTRIC
- EXISTING UNDERGROUND ELECTRIC
- EXISTING FIBER OPTIC
- EXISTING GAS
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING CULVERT
- EXIST UNDERGROUND TELEPHONE
- EXISTING TRAFFIC SIGNALING
- EXISTING WATER
- EXISTING RR
- SUBDRAIN
- MINOR CONTOUR
- MAJOR CONTOUR
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- FLOOD PLAIN
- FLOOD WAY
- FENCE
- GRADING LIMITS
- CONSTRUCTION LIMITS
- SANITARY SEWER
- WATTLES
- STORM SEWER
- RIGHT OF WAY
- SHEET PILE
- WATER LINE
- WETLAND
- EDGE OF GRAVEL
- REMOVAL OF SANITARY SEWER
- ABANDONMENT OF SANITARY SEWER
- REMOVAL OF STORM SEWER
- ABANDONMENT OF STORM SEWER
- REMOVAL OF WATER
- ABANDONMENT OF WATER

NOTES:
1. "SCREENED" (LIGHT) DELINEATION SHOWN IN THIS SHEET DENOTES EXISTING CONDITIONS. "SCREENED" INFORMATION IS FOR REFERENCE ONLY, AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING OF MATERIALS AND BEGINNING CONSTRUCTION. "BOLD" DELINEATION IS NEW WORK TO BE CONSTRUCTED UNDER THIS CONTRACT.

NOTE:
NOT ALL ABBREVIATIONS OR SYMBOLS SHOWN IN THESE LISTS MAY BE USED IN THIS PROJECT. CONTACT ARCHITECT OR ENGINEER FOR CLARIFICATION OF ANY DISCREPANCIES.

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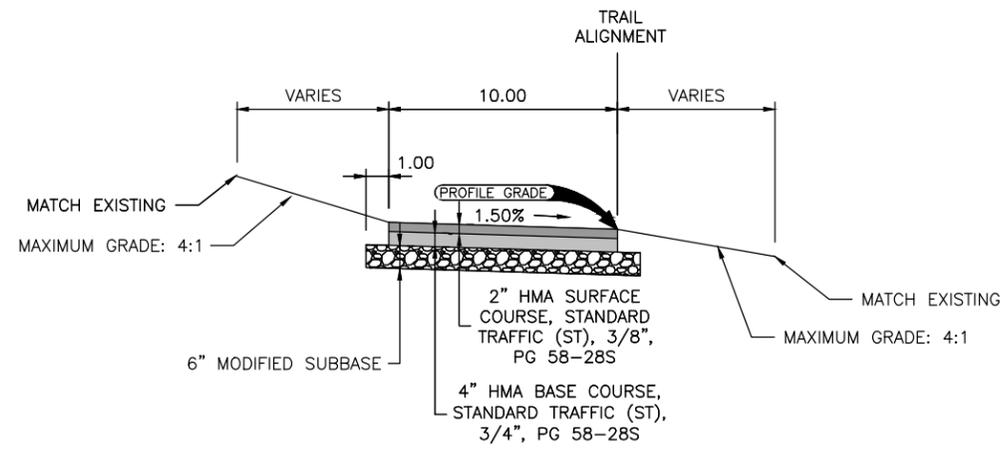
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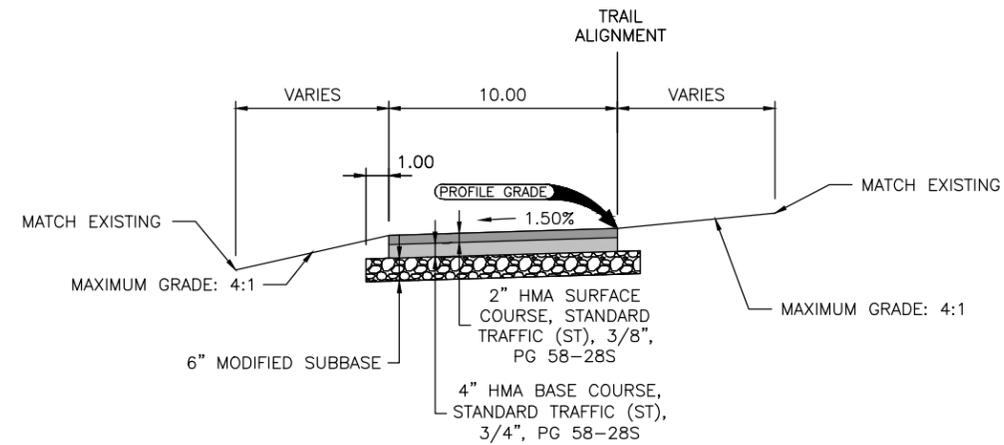
OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

TITLE SHEETS
 SYMBOLS AND LEGEND

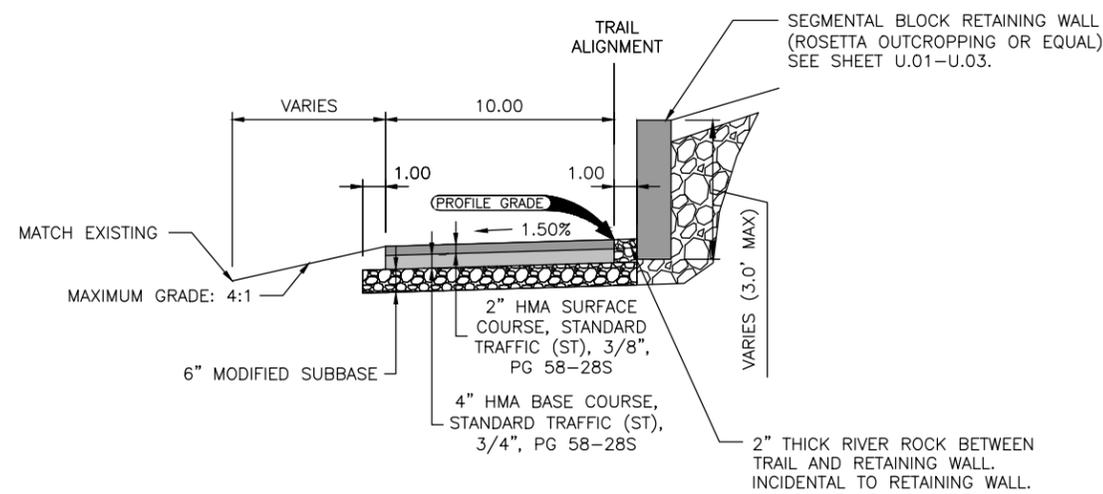
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 A.02



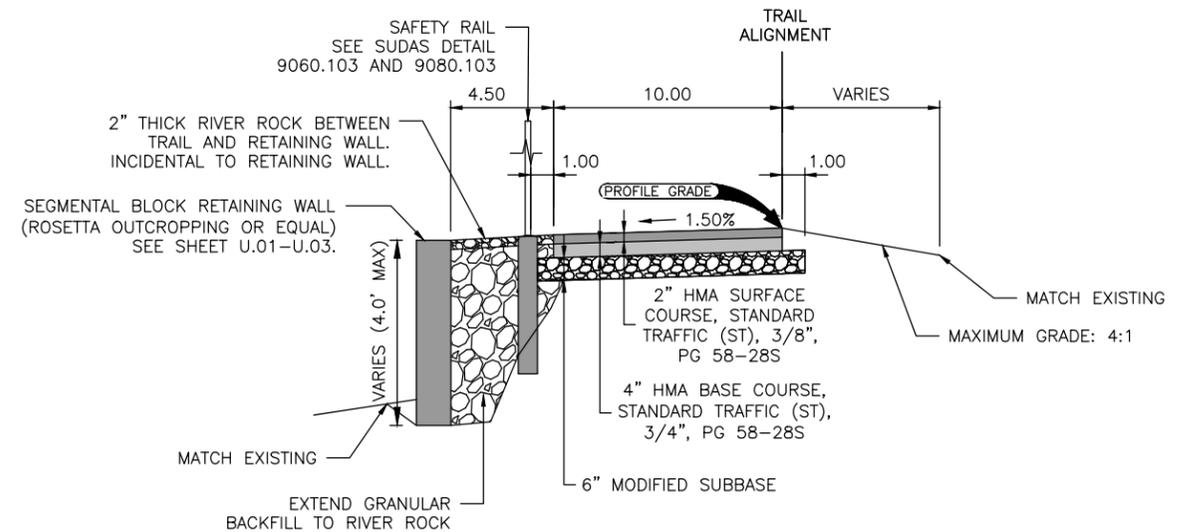
1 TYPICAL SECTION: STA. 10+28 TO 11+05, 12+80 TO 14+05
SCALE: NOT TO SCALE



2 TYPICAL SECTION: STA. 11+05 TO 12+80, 14+05 TO 21+70
SCALE: NOT TO SCALE



3 TYPICAL SECTION: STA. 17+55 TO 18+00
SCALE: NOT TO SCALE



4 TYPICAL SECTION: STA. 20+45 TO 21+18
SCALE: NOT TO SCALE

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 NEVADA, IA

TYPICAL SECTIONS AND DETAILS
 TYPICAL SECTIONS

SHEET NO.
 B.01

ESTIMATED PROJECT QUANTITIES				
NO.	CODE	BID ITEM	UNITS	TOTAL QUANTITY
BASE BID				
1	2010-C	CLEARING AND GRUBBING	LS	1
2	2010-D	TOPSOIL, ON-SITE	CY	552
3	2010-E	EXCAVATION, CLASS 10	CY	237
4	2010-H	GRANULAR STABILIZATION	SY	100
5	2010-J	SUBBASE, MODIFIED, 6"	SY	1435
6	4020-G	VALVE BOX EXTENSION	EA	1
7	7010-E	CURB AND GUTTER REMOVAL AND REPLACEMENT	LF	40
8	7030-C	SHARED USE PATH, HMA, 6"	SY	1093
9	7030-D	SPECIAL SUBGRADE PREPARATION FOR SHARED USE PATHS	SY	1435
10	7030-E	SIDEWALK, PCC, 6"	SY	103
11	7030-G	DETECTABLE WARNING	SF	87
12	7040-A	FULL DEPTH PATCHES, PCC, 7"	SY	40
13	8030-A	TEMPORARY TRAFFIC CONTROL	LS	1
14	9010-A	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING	AC	1
15	9040-F-1	WATTLES, 12", INSTALLATION	LF	2300
16	9040-F-2	WATTLES, 12", REMOVAL	LF	2300
17	9071-A	SEGMENTAL BLOCK RETAINING WALL, ROSETTA OUTCROPPING	SF	605
18	9080-C	SAFETY RAIL, POWDER COATED BLACK	LF	105
19	11.010-A	CONSTRUCTION SURVEY	LS	1
20	11.020-A	MOBILIZATION	LS	1
ALT. 1				
B-1	9071-A	SEGMENTAL BLOCK RETAINING WALL, STANDARD SEGMENTAL BLOCK	SF	605

SIDEWALKS								
ALIGNMENT IDENTIFICATION	STATION TO STATION		WIDTH OF SIDEWALK	6" PCC SIDEWALK	6" HMA PATH	6" GRANULAR SUBBASE	DETECTABLE WARNINGS	REMARKS
			FT	SY	SY	SY	SF	
OAK PARK TRAIL	10+28.79	10+59.67	10.0	32.7		39.3	20.0	
OAK PARK TRAIL	10+90.37	11+00.00	10.0	9.5		11.5	20.0	
OAK PARK TRAIL	11+00.00	16+78.79	10.0		650.9	781.1		
OAK PARK TRAIL	16+78.79	17+10.43	10.0	31.6		37.4	23.1	
OAK PARK TRAIL	17+39.32	17+60.29	10.0	18.0		23.0	23.7	
OAK PARK TRAIL	17+60.29	21+60.59	10.0		441.7	530.1		
OAK PARK TRAIL	21+60.59	21+70.41	10.0	10.5		12.6		
				102.4	1092.6	1435.0	86.8	

ESTIMATE REFERENCE INFORMATION		
ITEM NO.	ITEM CODE	ITEM DESCRIPTION
BASE BID		
1	2010-C	CLEARING AND GRUBBING 1. SEE LOCATION ON SHEET D.03 AND ALL OTHER REQUIRED CLEARING AND GRUBBING THAT MAY BE NECESSARY.
2	2010-D	TOPSOIL, ON-SITE 1. INCLUDES 552 CY OF STRIPPING AND STOCKPILING 8" OF TOPSOIL AND 345 CY OF PREPARING AND RE-SPREADING 8" OF TOPSOIL. TOPSOIL RE-SPREADING QUANTITY INCLUDES 20% SHRINKAGE. 2. EXCESS TOPSOIL NOT NEEDED FOR PROJECT SHALL BECOME PROPERTY OF THE CITY. DELIVER EXCESS TOPSOIL TO CITY PARKS MAINTENANCE BUILDING - COORDINATE WITH CITY. IF CITY REJECTS MATERIAL, TOPSOIL SHALL BECOME PROPERTY OF THE CONTRACTOR FOR DISPOSAL. 3. EXCESS TOPSOIL IS ANTICIPATED TO BE APPROXIMATELY 207 CY. INCIDENTAL TO THIS BID ITEM.
3	2010-E	EXCAVATION, CLASS 10 1. INCLUDES 237 CY REQUIRED FOR CUT AND 100 CY REQUIRED FOR FILL 2. PAYMENT IS TO BE MADE ON CUT VOLUME. 3. FILL SHALL BE OF SUITABLE MATERIAL AS DESCRIBED IN SUDAS SECTION 2010-2.03. SUITABLE ON-SITE MATERIAL MAY BE USED. 4. FILL BEING PLACED WITHIN THE PROJECT SHALL BE PLACED IN LIFTS NOT MORE THAN 8 INCHES OR LESS THAN 2 INCHES COMPACTED THICKNESS. THE MATERIAL SHALL BE COMPACTED TO 95.0% OF THE STANDARD PROCTOR DRY DENSITY FOR THE MATERIAL BEING PLACED. 5. ALL REMNANTS OR ITEMS ENCOUNTERED THAT ARE UNORDINARY OR UNUSUAL ARE CONSIDERED INCLUDED IN THE BID ITEM AND SHALL BECOME PROPERTY OF THE CONTRACTOR FOR DISPOSAL. 6. FILL QUANTITY INCLUDES 35% SHRINKAGE. 7. BID ITEM INCLUDES REMOVAL OF 2 CONCRETE LIGHT POLES AND FOUNDATIONS. 8. GRADE TO DRAIN. AREA IS UNDER DEVELOPMENT AND MAY HAVE GRADES SLIGHTLY DIFFERENT THAN SHOWN IN PLANS. INCIDENTAL TO THIS BID ITEM. 9. EXCESS FILL NOT NEEDED FOR PROJECT SHALL BECOME PROPERTY OF THE CONTRACTOR FOR DISPOSAL. INCIDENTAL TO THIS BID ITEM. THIS IS ANTICIPATED TO BE APPROXIMATELY 137 CY.
4	2010-H	GRANULAR STABILIZATION 1. PAY ITEM IS INCLUDED AS A CONTINGENCY AND SHALL ONLY BE USED IF AUTHORIZED BY THE ENGINEER. 2. PAY ITEM INCLUDES GEOGRID AND 6 INCHES OF MACADAM (3 INCH STONE) TO STABILIZE SUBGRADE.

ESTIMATE REFERENCE INFORMATION		
ITEM NO.	ITEM CODE	ITEM DESCRIPTION
5	2010-J	SUBBASE, MODIFIED, 6" 1. REFER TO B SHEETS FOR TYPICAL SECTIONS.
6	4020-G	VALVE BOX EXTENSION 1. REFER TO D SHEETS FOR LOCATIONS.
7	7010-E	CURB AND GUTTER REMOVAL AND REPLACEMENT 1. REFER TO D SHEETS FOR LOCATIONS.
8	7030-C	SHARED USE PATH, HMA, 6" 1. THIS ITEM WILL BE MEASURED BY SQUARE YARDS. 2. SURFACE COURSE SHALL BE 2" STANDARD TRAFFIC (ST), 3/8", PG 58-28S (1/2" AGGREGATE ACCEPTABLE) 3. BASE COURSE SHALL BE 4" STANDARD TRAFFIC (ST), 3/4", PG 58-28S 4. REFER TO CROSS SECTIONS IN B SHEETS.
9	7030-D	SPECIAL SUBGRADE PREPARATION FOR SHARED USE PATHS
10	7030-E	SIDEWALK, PCC, 6" 1. REFER TO L SHEETS FOR SIDEWALK COMPLIANCE. FIELD VERIFY ELEVATIONS/GRADES TO ENSURE ADA COMPLIANCE. 2. PROVIDE UNIFORM PCC JOINT SPACING. SPACE JOINTS EQUAL TO THE WIDTH OF PAVING. 3. INCLUDES CONCRETE WASHOUT.
11	7030-G	DETECTABLE WARNING 1. MATERIAL SHALL BE CAST IRON WITH NATURAL FINISH.
12	7040-A	FULL DEPTH PATCHES, PCC, 7" 1. REFER TO LOCATION ON SHEET D.01.
13	8030-A	TEMPORARY TRAFFIC CONTROL 1. COORDINATE TRAFFIC CONTROL WITH CITY 2. EXPECTED TRAFFIC CONTROL INCLUDES BUT IS NOT LIMITED TO: - ROAD WORK AHEAD (W20-1) SIGNS IN ADVANCE OF WORK ZONES IN ALL DIRECTIONS - CHANNELIZING DEVICES AND CLASS 3 BARRICADES ADJACENT TO ROADWAY DURING WORK ALONG ACADEMY CIRCLE - TRAFFIC CONTROL IN ACCORDANCE TO SUDAS DETAIL 9030.104 LANE CLOSURE ON LOW VOLUME STREET (SELF-REGULATING) 3. CONTRACTOR SHALL ENSURE THAT ALL TRAFFIC CONTROL IS COMPLIANT WITH THE LATEST VERSION OF THE MUTCD. 4. TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. AT LEAST ONE LANE OF ACADEMY CIRCLE SHALL REMAIN OPEN AT ALL TIMES.
14	9010-A	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING 1. SEED SHALL BE TYPE 1 (PERMANENT LAWN MIXTURE). 2. INCLUDES SEEDING, FERTILIZING AND MULCHING.
15	9040-F-1	WATTLES, 12", INSTALLATION
16	9040-F-2	WATTLES, 12", REMOVAL 1. IT IS ANTICIPATED THAT THE CONTRACTOR WILL INSTALL WATTLES ALONG THE PERIMETER OF THE DISTURBED AREA FOR THE DURATION OF THE PROJECT. WATTLES SHALL BE REMOVED FOLLOWING COMPLETION OF THE PROJECT AND AFTER FINAL STABILIZATION HAS BEEN ACHIEVED.
17	9071-A	SEGMENTAL BLOCK RETAINING WALL, ROSETTA OUTCROPPING 1. REFER TO SHEET U.01. 2. BLOCK SHALL BE ROSETTA OUTCROPPING IN SLATE GRAY OR EQUAL https://www.rosettahardscapes.com/products/outcropping-large-rock-landscaping-retaining-wall/ 3. THE CONTRACTOR IS TO PROVIDE THE NECESSARY ENGINEERING SERVICES FOR THE RETAINING WALL. 4. AREAS SHOWN ON U SHEETS, AND QUANTITIES PROVIDED ARE MINIMUM COVERAGE AREAS. ANY ADDITIONAL SQUARE FOOTAGE REQUIRED DUE TO WALL DESIGN SHALL BE INCIDENTAL TO THIS BID ITEM. 5. PER SUDAS 9071-1.08-A-3, PAY ITEM INCLUDES ALL ITEMS REQUIRED BY WALL DESIGN, INCLUDING BUT NOT LIMITED TO EXCAVATION, DESIGN BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF IOWA, EXCAVATION, FOUNDATION PREPARATION, FURNISHING AND PLACING WALL UNITS, GEOGRID, LEVELING PAD, SUBDRAIN, POROUS BACKFILL MATERIAL FOR SUBDRAIN, ENGINEERING FABRIC FOR SUBDRAIN, SUITABLE BACKFILL MATERIAL, AND SHORING AS NECESSARY. 6. PAY ITEM INCLUDES 2 INCH THICK RIVER ROCK BETWEEN THE TRAIL AND THE RETAINING WALLS.
18	9080-C	SAFETY RAIL, POWDER COATED BLACK 1. REFER TO SHEET U.01. 2. POSTS SHALL BE SET IN GROUND AND ENCASED IN CONCRETE PER SUDAS DETAIL 9080.103.
19	11.010-A	CONSTRUCTION SURVEY
20	11.020-A	MOBILIZATION
ALT. 1		
B-1	9071-A	SEGMENTAL BLOCK RETAINING WALL, STANDARD SEGMENTAL BLOCK 1. REFER TO SHEET U.01. 2. BLOCK SHALL MEET SUDAS/IOWA DOT PRODUCT REQUIREMENTS. ENGINEER TO SELECT SEGMENTAL BLOCK COLOR FROM MANUFACTURER'S STANDARD LIST OF COLORS PROVIDED BY THE CONTRACTOR. DEFAULT BLOCK COLOR IS TAUPE. 3. THE CONTRACTOR IS TO PROVIDE THE NECESSARY ENGINEERING SERVICES FOR THE RETAINING WALL. 4. AREAS SHOWN ON U SHEETS, AND QUANTITIES PROVIDED ARE MINIMUM COVERAGE AREAS. ANY ADDITIONAL SQUARE FOOTAGE REQUIRED DUE TO WALL DESIGN SHALL BE INCIDENTAL TO THIS BID ITEM. 5. PER SUDAS 9071-1.08-A-3, PAY ITEM INCLUDES ALL ITEMS REQUIRED BY WALL DESIGN, INCLUDING BUT NOT LIMITED TO EXCAVATION, DESIGN BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF IOWA, EXCAVATION, FOUNDATION PREPARATION, FURNISHING AND PLACING WALL UNITS, GEOGRID, LEVELING PAD, SUBDRAIN, POROUS BACKFILL MATERIAL FOR SUBDRAIN, ENGINEERING FABRIC FOR SUBDRAIN, SUITABLE BACKFILL MATERIAL, AND SHORING AS NECESSARY. 6. PAY ITEM INCLUDES 2 INCH THICK RIVER ROCK BETWEEN THE TRAIL AND THE RETAINING WALLS.

Xrefs: xgl-1-dm01

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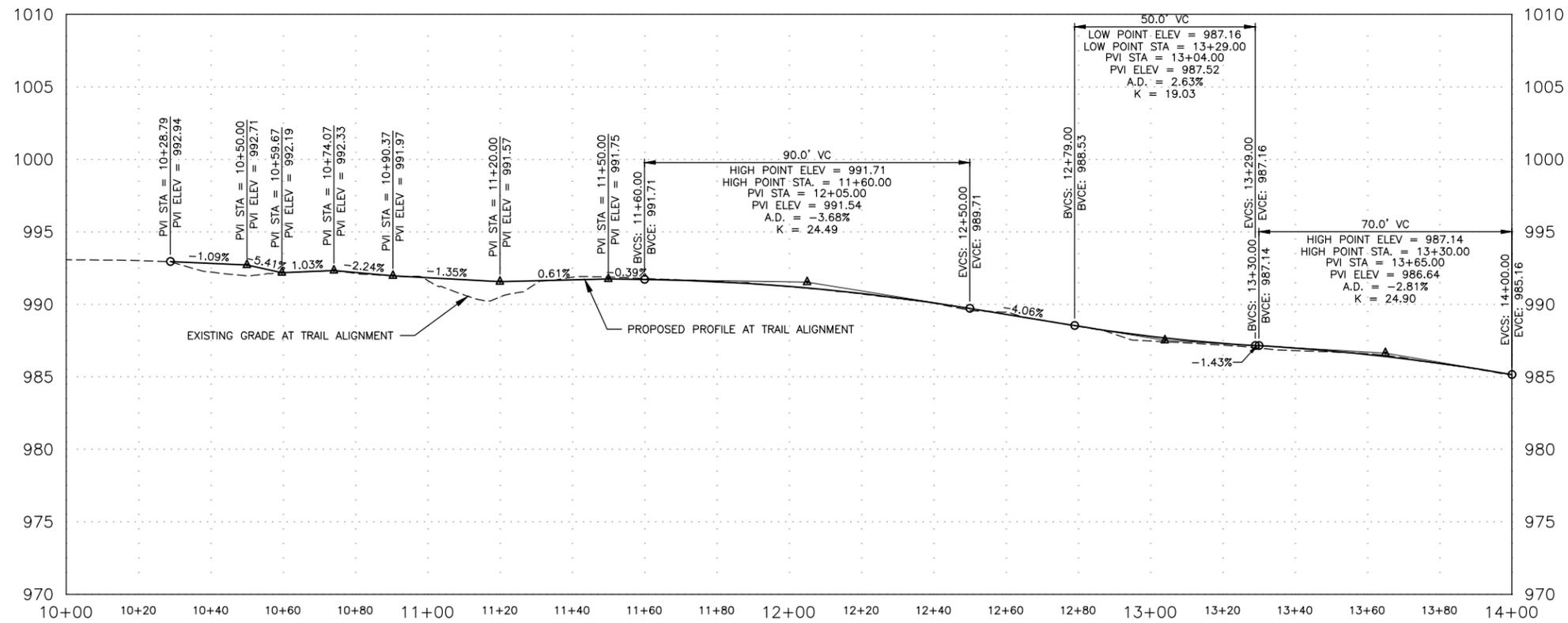
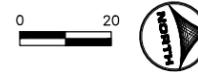
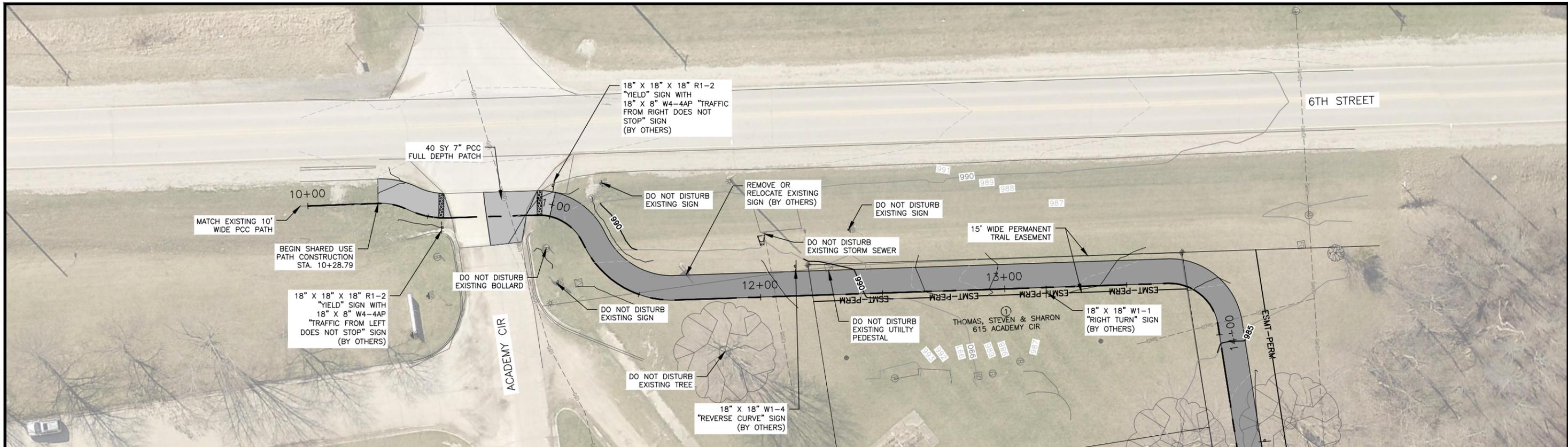
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QUANTITIES AND TABULATIONS
QUANTITIES, ESTIMATE REFERENCE INFORMATION, AND TABULATIONS

SHEET NO.
C.01



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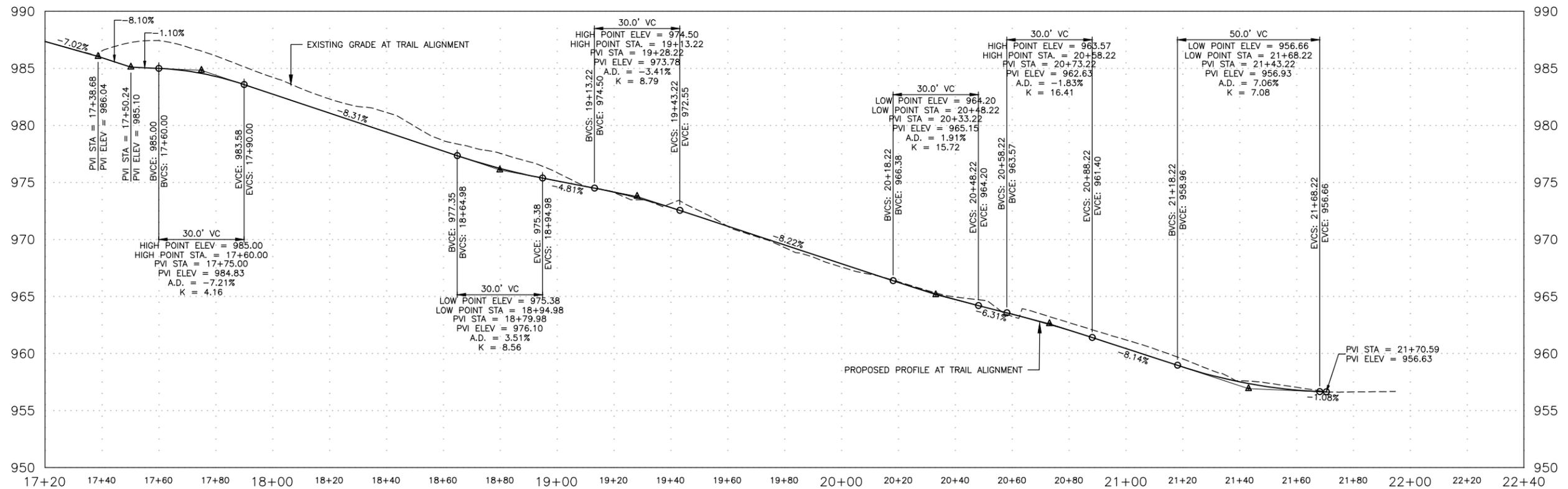
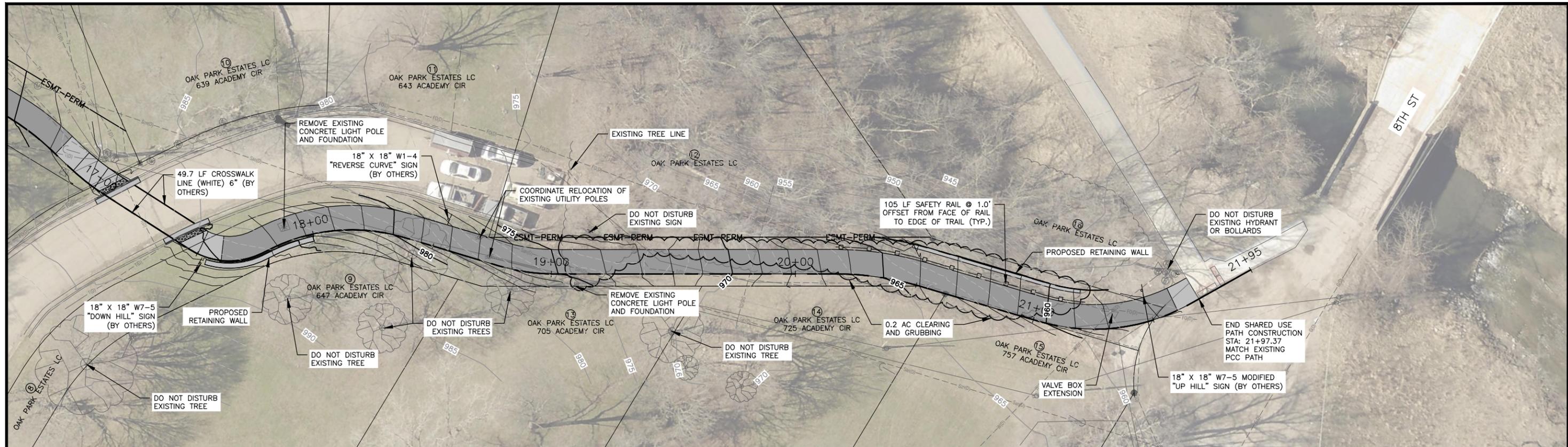
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OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

PLAN AND PROFILE
 SHARED USE PATH

SHEET NO.
 D.01



Xref: xg1-1-df01; XC-1-ALGN; XC-1-DSON; XY-0-AERIAL; XY-0-ROW; XC-1-PROP; XY-0-BASE; XY-0-SURF_LIDAR; XC-1-CORR

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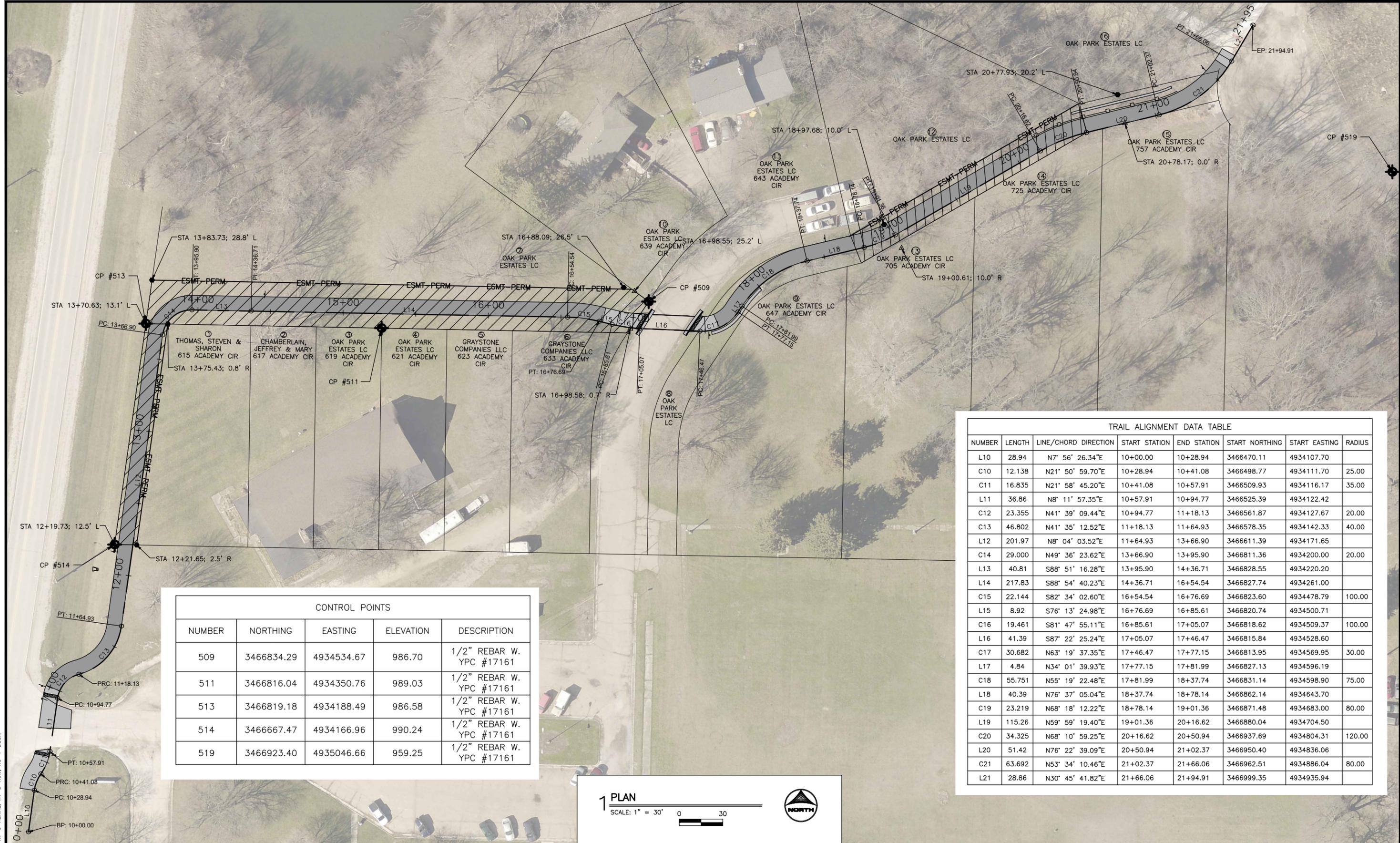
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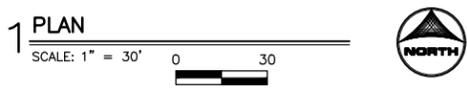
PLAN AND PROFILE
 SHARED USE PATH

SHEET NO.
 D.03



CONTROL POINTS				
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
509	3466834.29	4934534.67	986.70	1/2" REBAR W. YPC #17161
511	3466816.04	4934350.76	989.03	1/2" REBAR W. YPC #17161
513	3466819.18	4934188.49	986.58	1/2" REBAR W. YPC #17161
514	3466667.47	4934166.96	990.24	1/2" REBAR W. YPC #17161
519	3466923.40	4935046.66	959.25	1/2" REBAR W. YPC #17161

TRAIL ALIGNMENT DATA TABLE							
NUMBER	LENGTH	LINE/CHORD DIRECTION	START STATION	END STATION	START NORTHING	START EASTING	RADIUS
L10	28.94	N7° 56' 26.34"E	10+00.00	10+28.94	3466470.11	4934107.70	
C10	12.138	N21° 50' 59.70"E	10+28.94	10+41.08	3466498.77	4934111.70	25.00
C11	16.835	N21° 58' 45.20"E	10+41.08	10+57.91	3466509.93	4934116.17	35.00
L11	36.86	N8° 11' 57.35"E	10+57.91	10+94.77	3466525.39	4934122.42	
C12	23.355	N41° 39' 09.44"E	10+94.77	11+18.13	3466561.87	4934127.67	20.00
C13	46.802	N41° 35' 12.52"E	11+18.13	11+64.93	3466578.35	4934142.33	40.00
L12	201.97	N8° 04' 03.52"E	11+64.93	13+66.90	3466611.39	4934171.65	
C14	29.000	N49° 36' 23.62"E	13+66.90	13+95.90	3466811.36	4934200.00	20.00
L13	40.81	S88° 51' 16.28"E	13+95.90	14+36.71	3466828.55	4934220.20	
L14	217.83	S88° 54' 40.23"E	14+36.71	16+54.54	3466827.74	4934261.00	
C15	22.144	S82° 34' 02.60"E	16+54.54	16+76.69	3466823.60	4934478.79	100.00
L15	8.92	S76° 13' 24.98"E	16+76.69	16+85.61	3466820.74	4934500.71	
C16	19.461	S81° 47' 55.11"E	16+85.61	17+05.07	3466818.62	4934509.37	100.00
L16	41.39	S87° 22' 25.24"E	17+05.07	17+46.47	3466815.84	4934528.60	
C17	30.682	N63° 19' 37.35"E	17+46.47	17+77.15	3466813.95	4934569.95	30.00
L17	4.84	N34° 01' 39.93"E	17+77.15	17+81.99	3466827.13	4934596.19	
C18	55.751	N55° 19' 22.48"E	17+81.99	18+37.74	3466831.14	4934598.90	75.00
L18	40.39	N76° 37' 05.04"E	18+37.74	18+78.14	3466862.14	4934643.70	
C19	23.219	N68° 18' 12.22"E	18+78.14	19+01.36	3466871.48	4934683.00	80.00
L19	115.26	N59° 59' 19.40"E	19+01.36	20+16.62	3466880.04	4934704.50	
C20	34.325	N68° 10' 59.25"E	20+16.62	20+50.94	3466937.69	4934804.31	120.00
L20	51.42	N76° 22' 39.09"E	20+50.94	21+02.37	3466950.40	4934836.06	
C21	63.692	N53° 34' 10.46"E	21+02.37	21+66.06	3466962.51	4934886.04	80.00
L21	28.86	N30° 45' 41.82"E	21+66.06	21+94.91	3466999.35	4934935.94	



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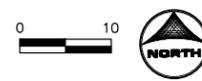
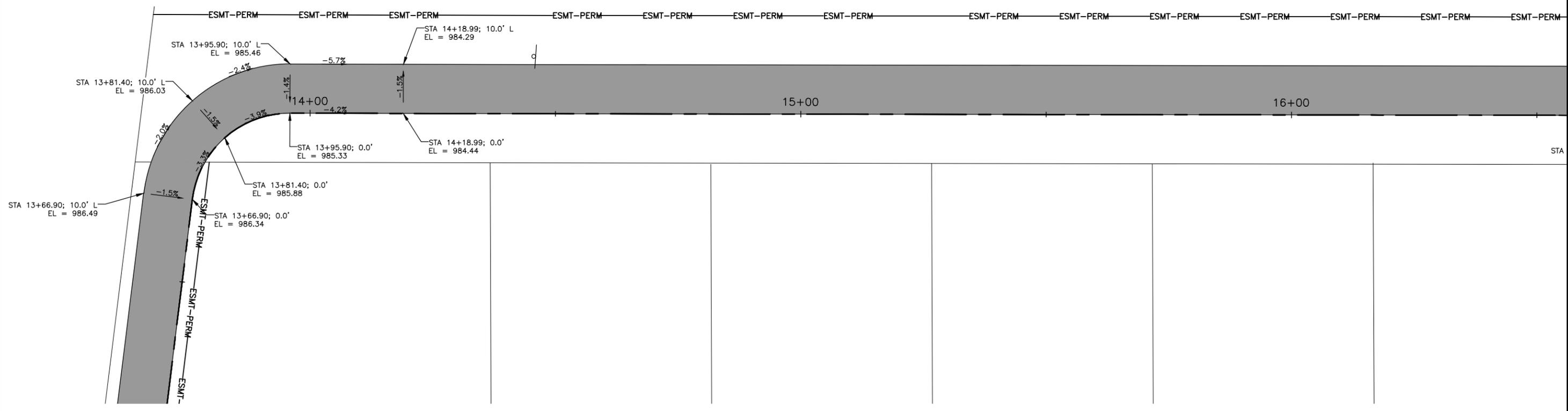
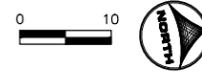
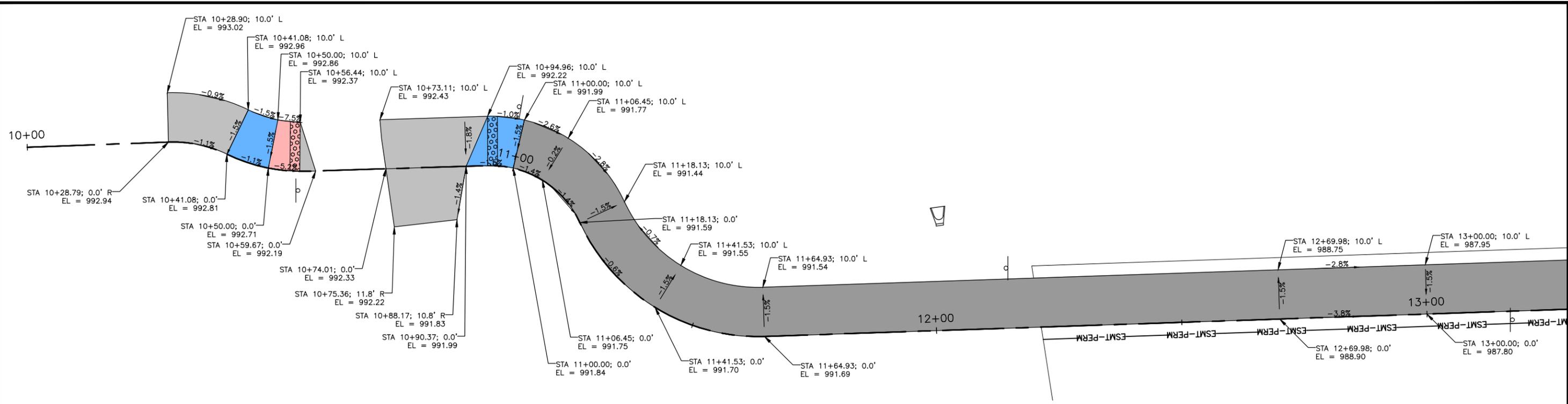
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OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

REF. TIES AND BENCHMARKS AND ALIGN. DATA
 ALIGNMENT AND ROW INFORMATION

SHEET NO.
 G.01



X:\a11\1-dh01\XC-1-ALGN\XC-1-DSON\XV-0-BASE\XV-0-ROW\XC-1-STAK\XV-0-AERIAL-2014

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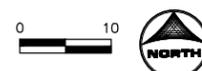
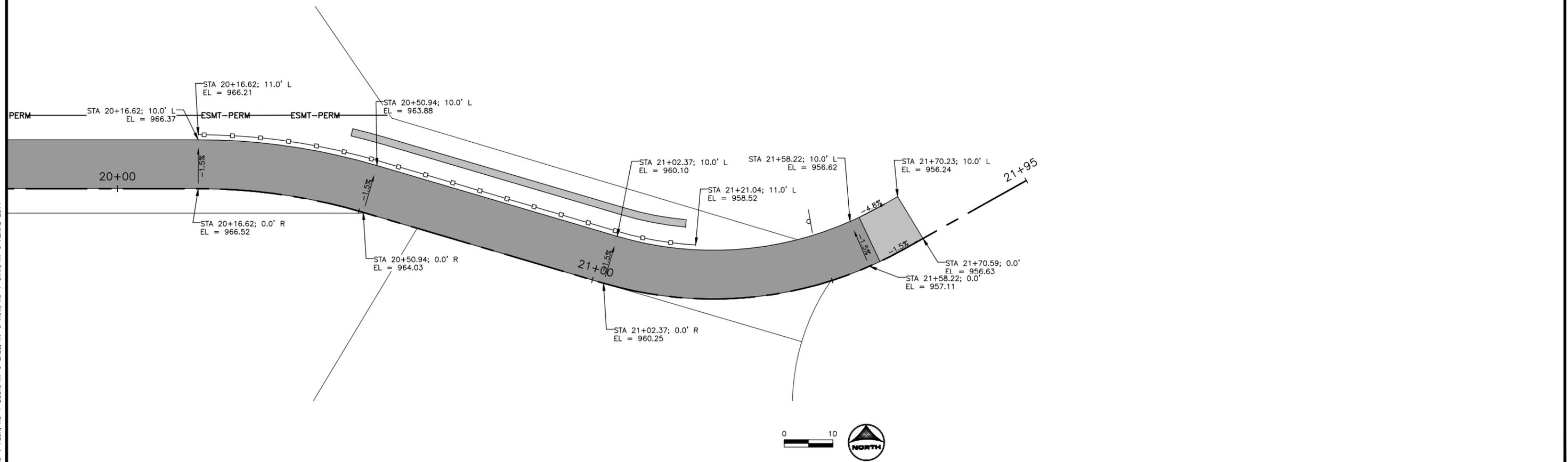
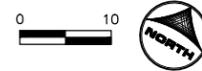
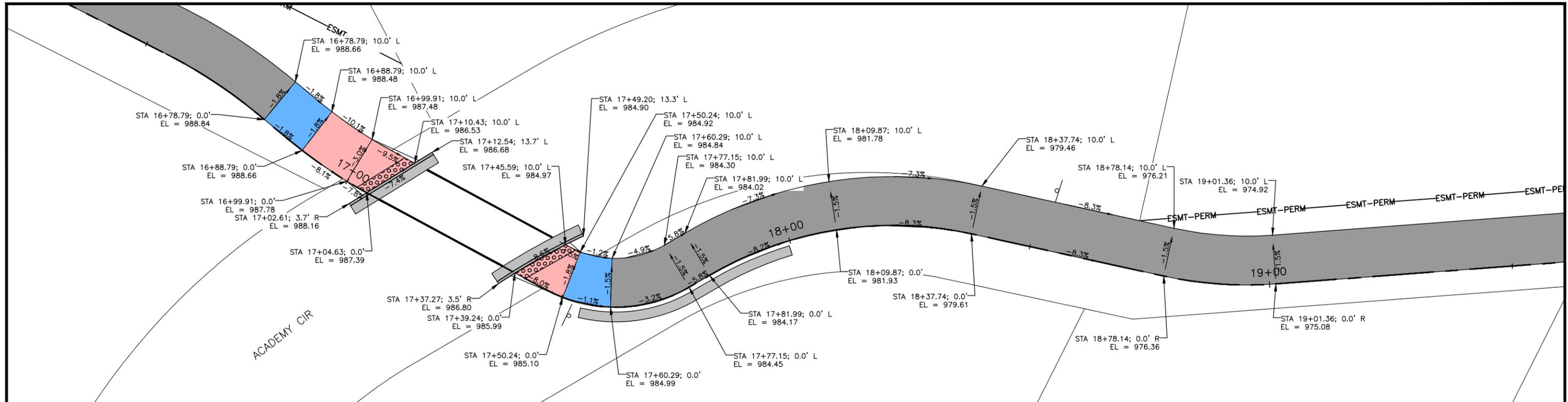
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OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

GEOMETRIC STAKING AND JOINTING
 STAKING INFORMATION

SHEET NO.
 L.01



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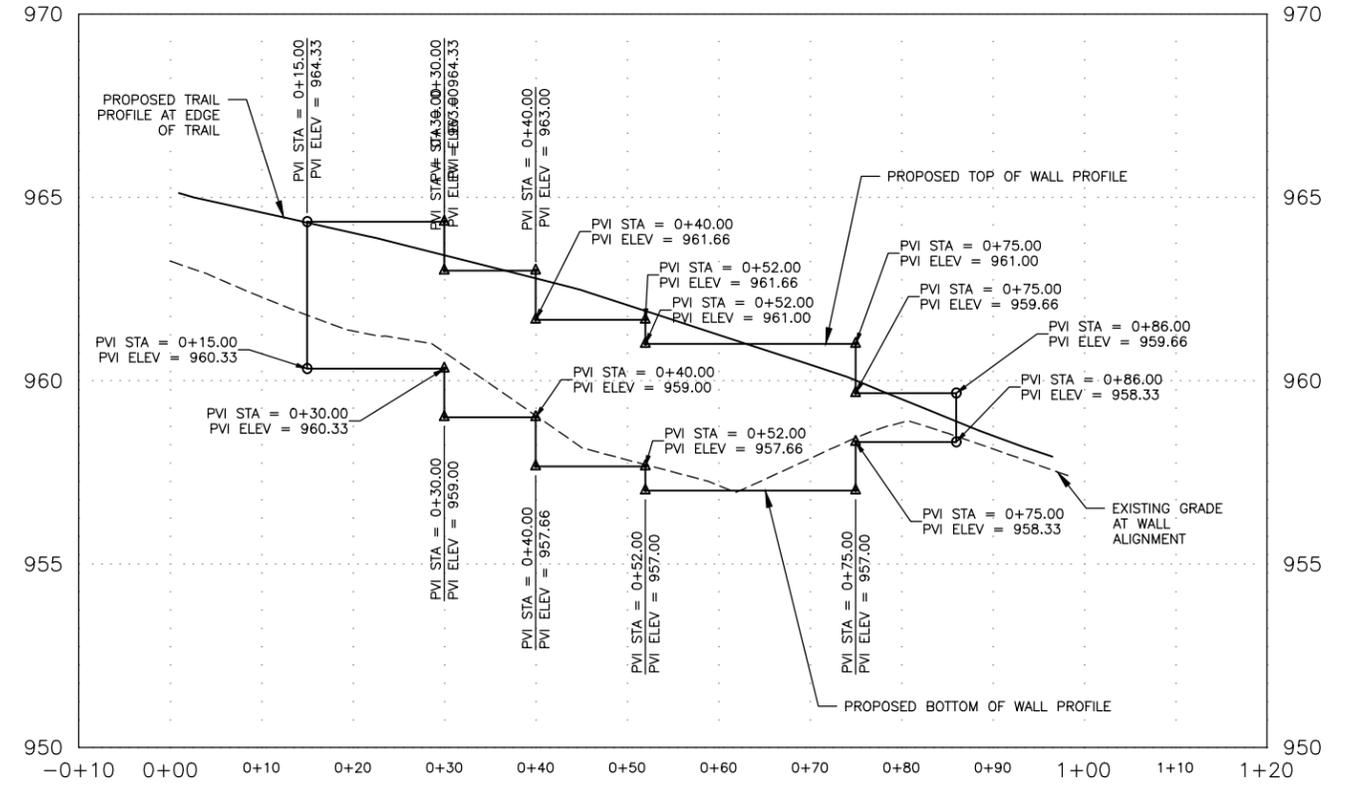
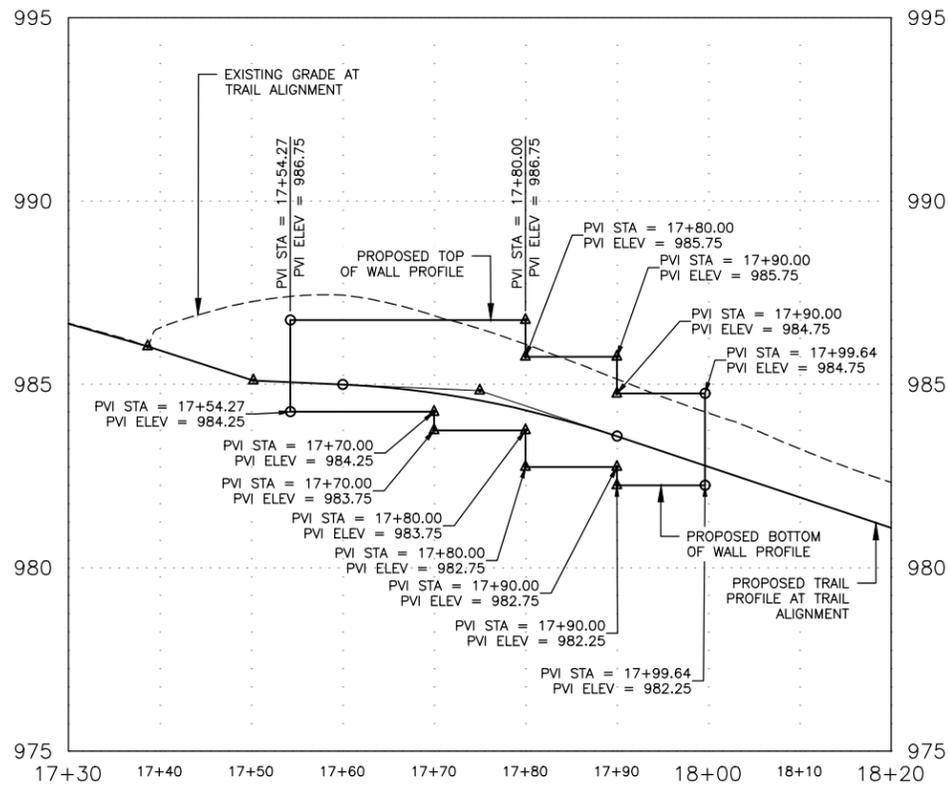
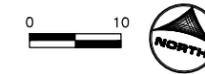
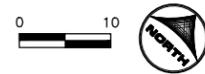
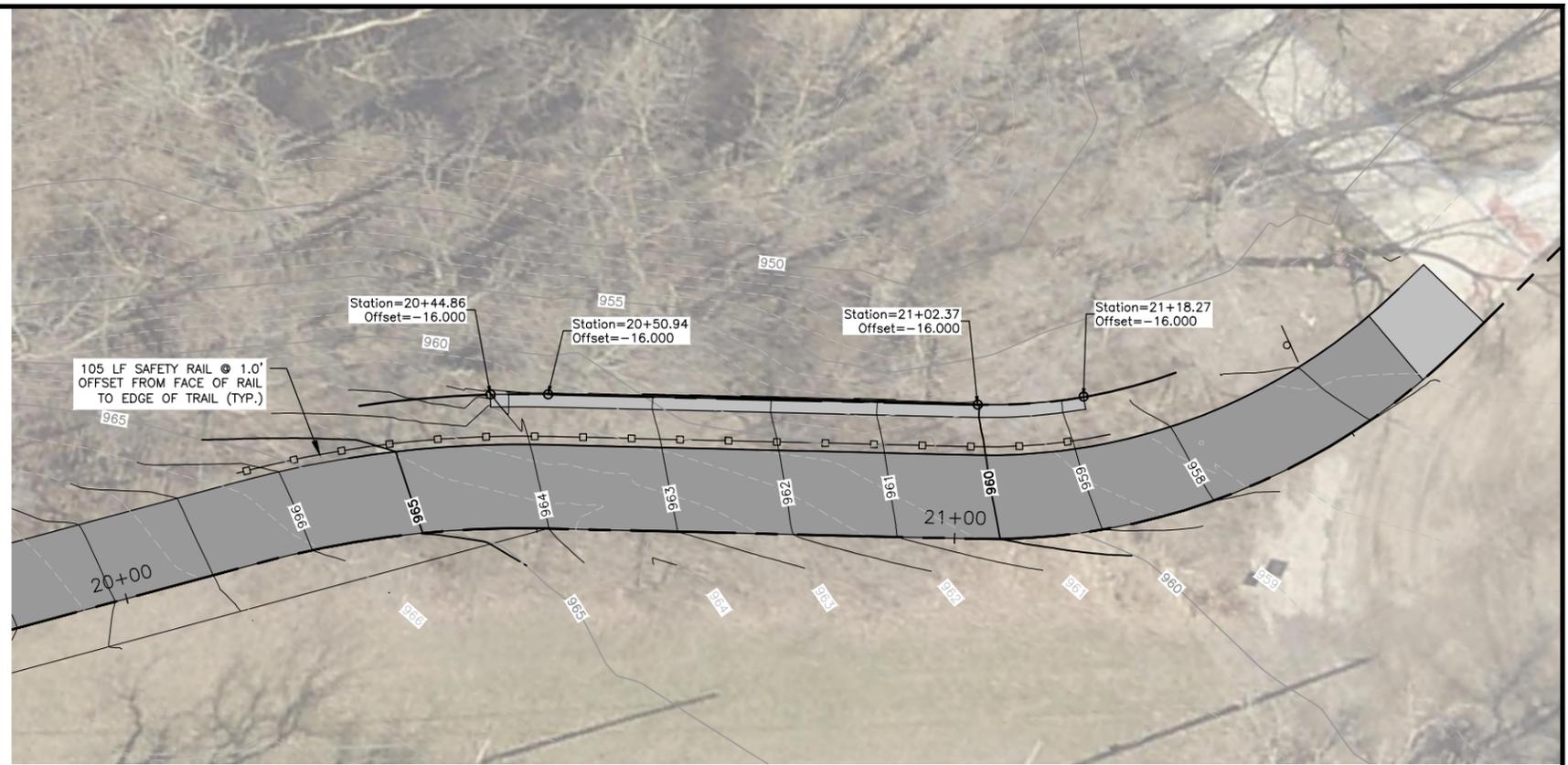
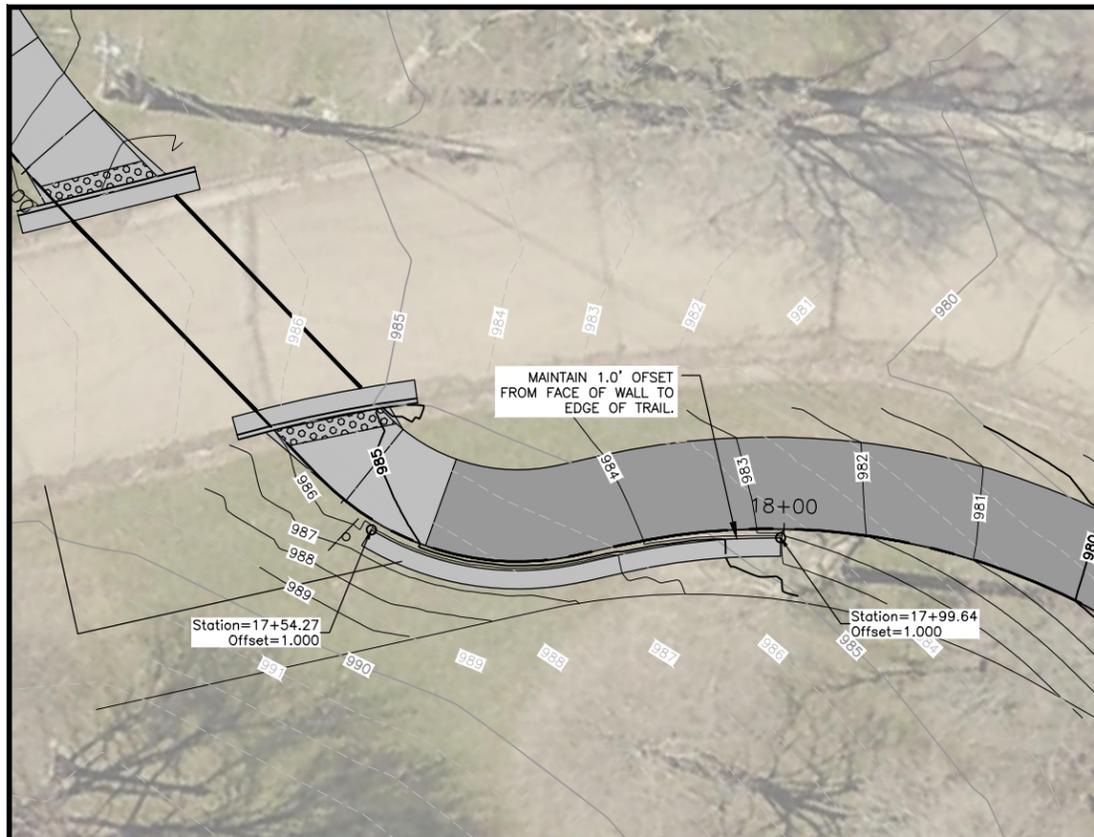
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OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

GEOMETRIC STAKING AND JOINTING
 STAKING INFORMATION

SHEET NO.
 L.02



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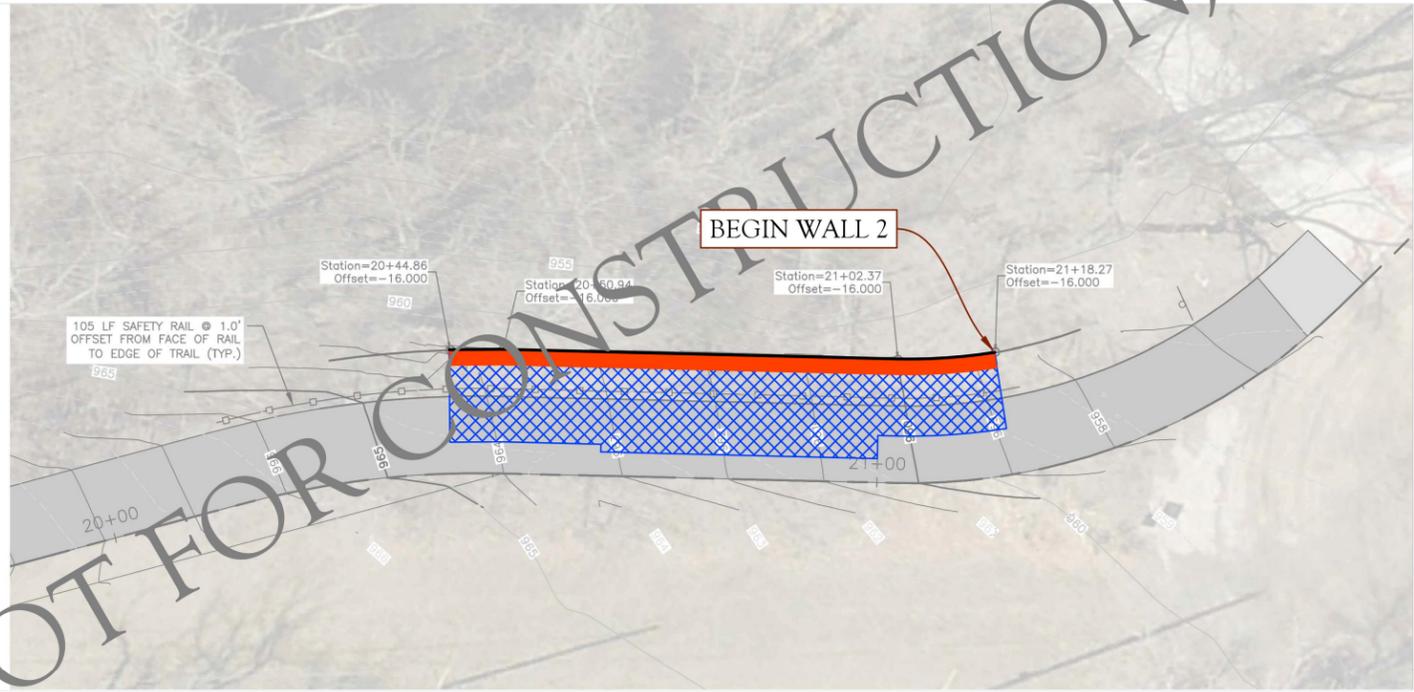
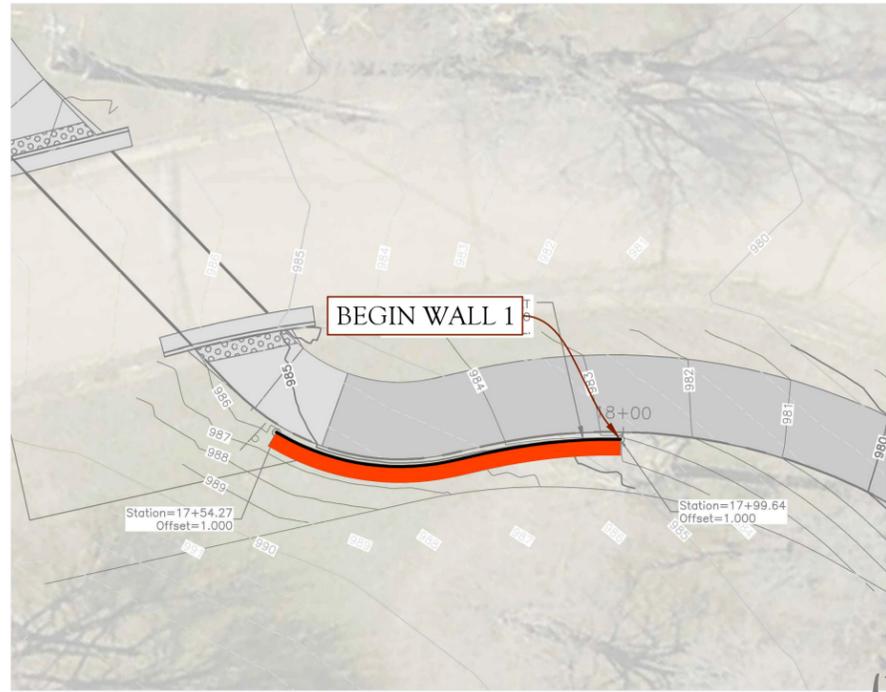


OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

PLAN AND PROFILE
 RETAINING WALL

SHEET NO.
 U.01

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PRELIMINARY (NOT FOR CONSTRUCTION)



LEGEND:	
WALL LOCATION	
GEOGRID LIMITS	



 7050 TERRITORY PASS LAKEVILLE, MN 55044 PHONE: (952) 303-5112 WEBSITE: WWW.CDP.US.COM SITE SOLUTION PROFESSIONALS, INC. D.B.A. CIVIL DESIGN PROFESSIONALS	Designed By: JVZ	Project: OAK PARK TRAIL NEVADA, IOWA
	Project No: 25-0330	Title: PRELIMINARY SITE PLAN
	Date: APR 18, 2025	

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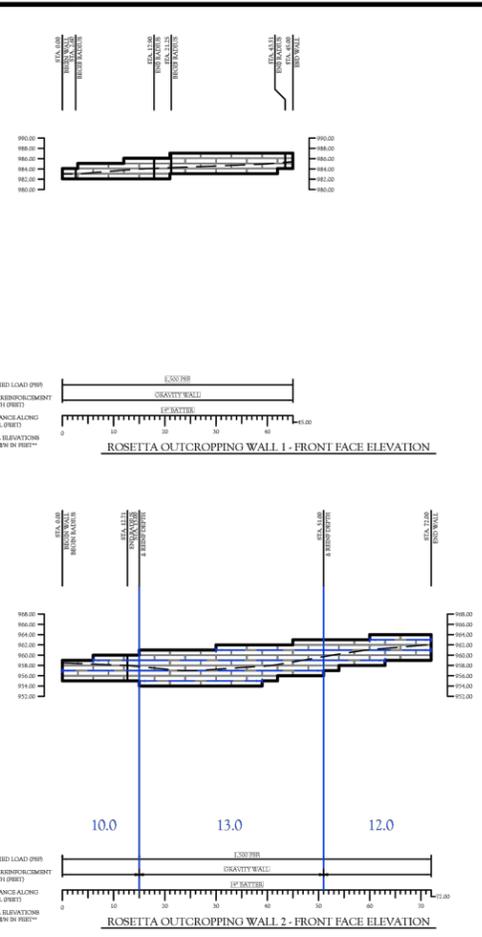
OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

PLAN AND PROFILE
 RETAINING WALL

SHEET NO.
 U.02

Xref: xref-1-df01; XC-1-ALGN; XC-1-DSSN; XC-1-RETN-WALL; XV-0-AERIAL-2

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	Project No: 25-0330	
	Date: APR 18, 2025	Title: PRELIMINARY WALL ELEVATIONS

SHEET 1

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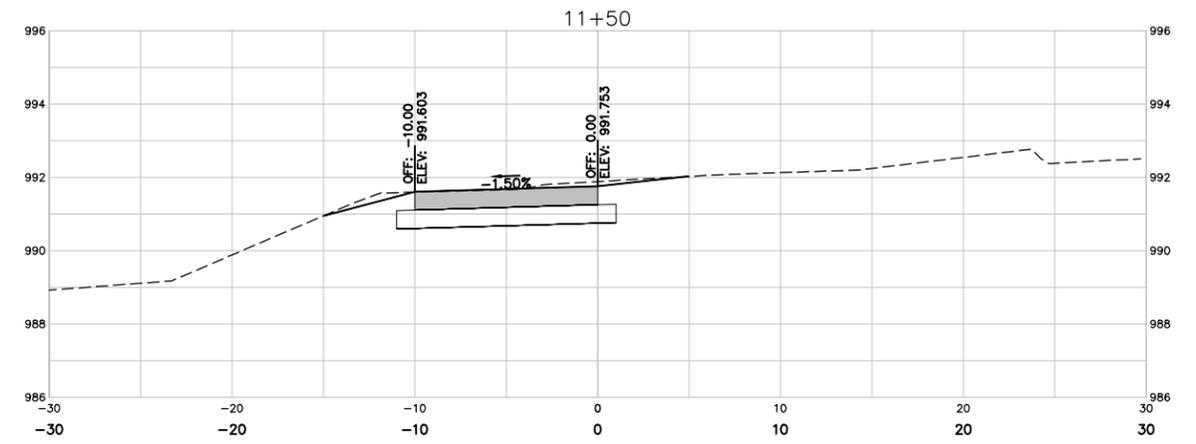
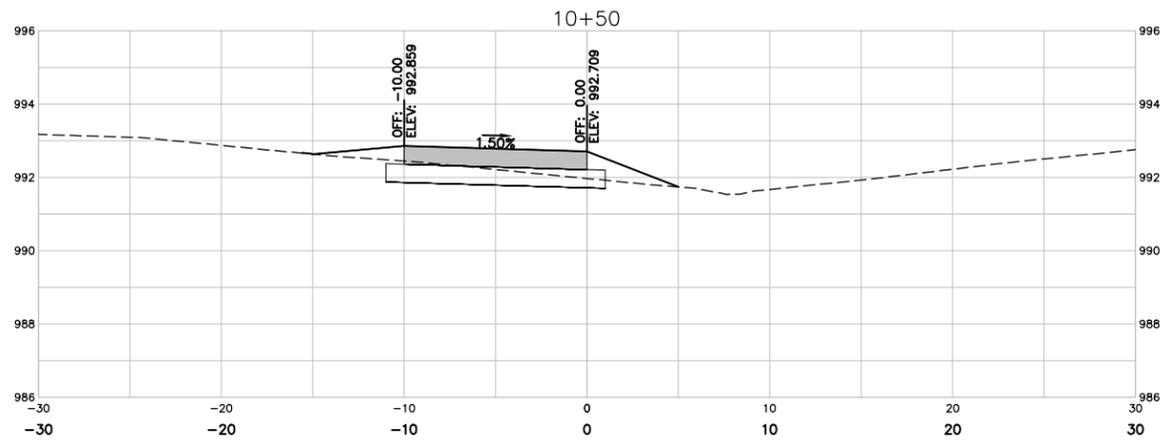
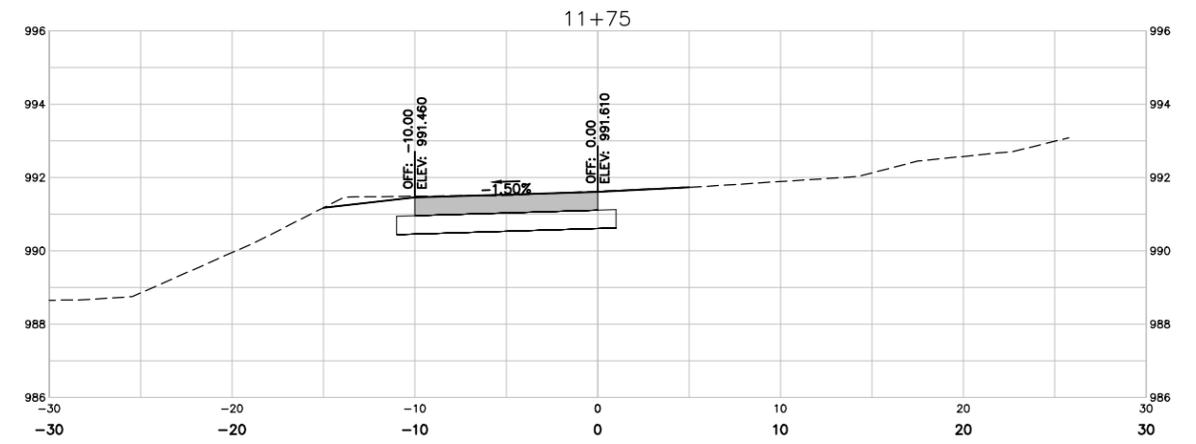
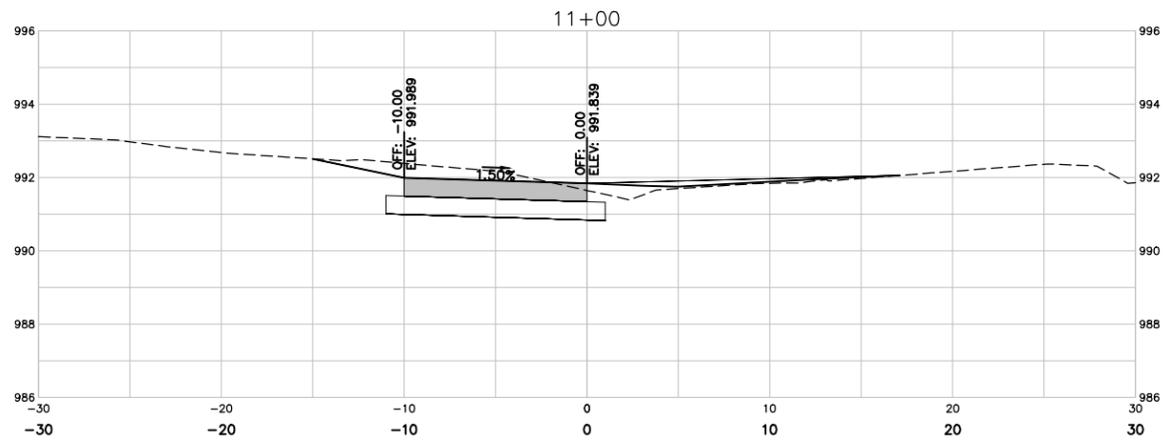
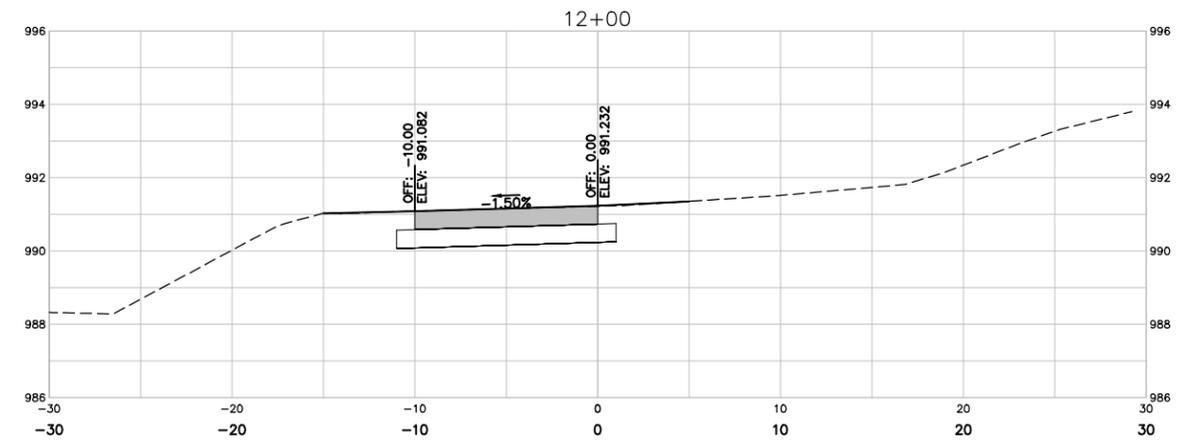
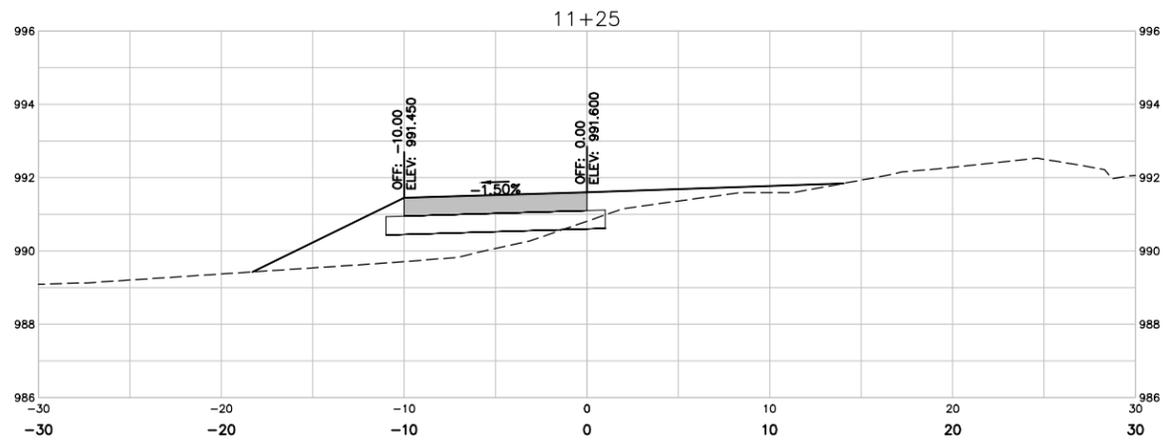


OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

PLAN AND PROFILE
RETAINING WALL

SHEET NO.
U.03

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Xref: XI-0-ROW: xgl-1-gh01

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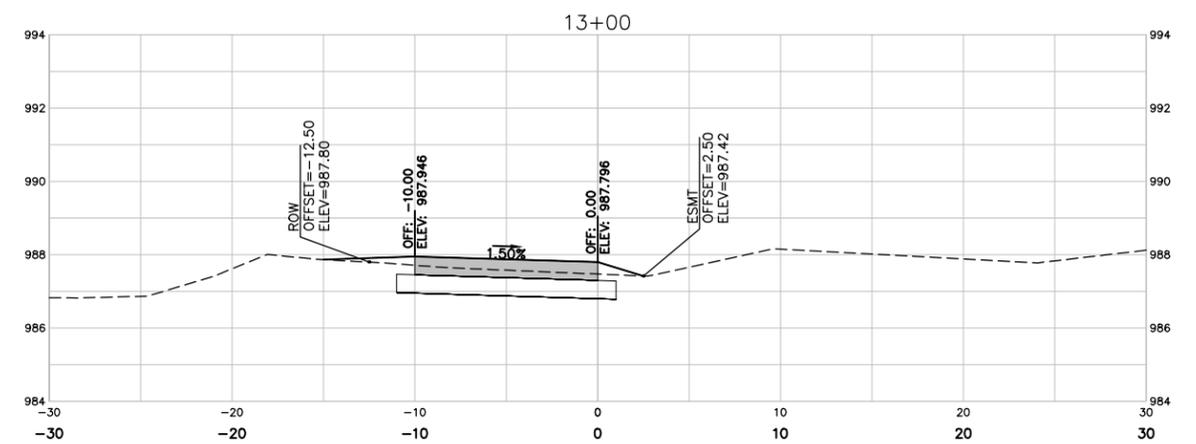
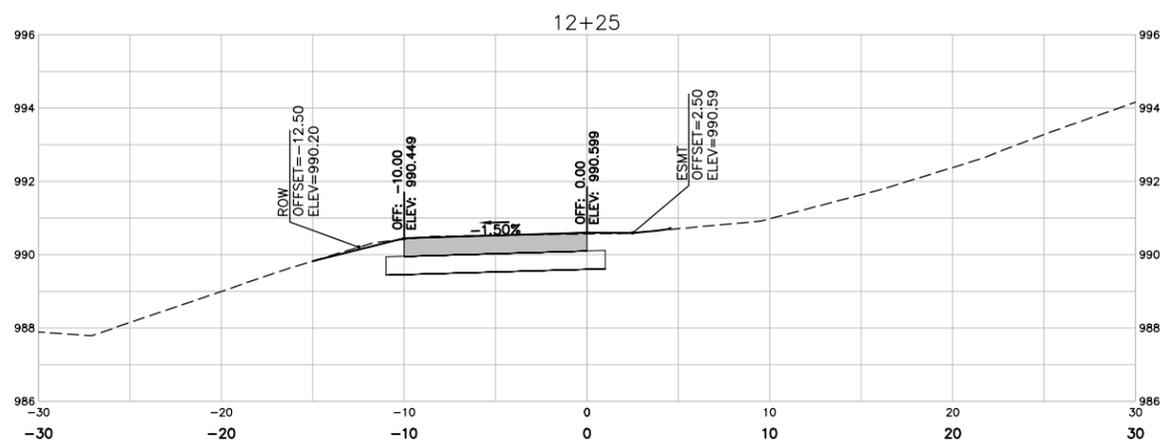
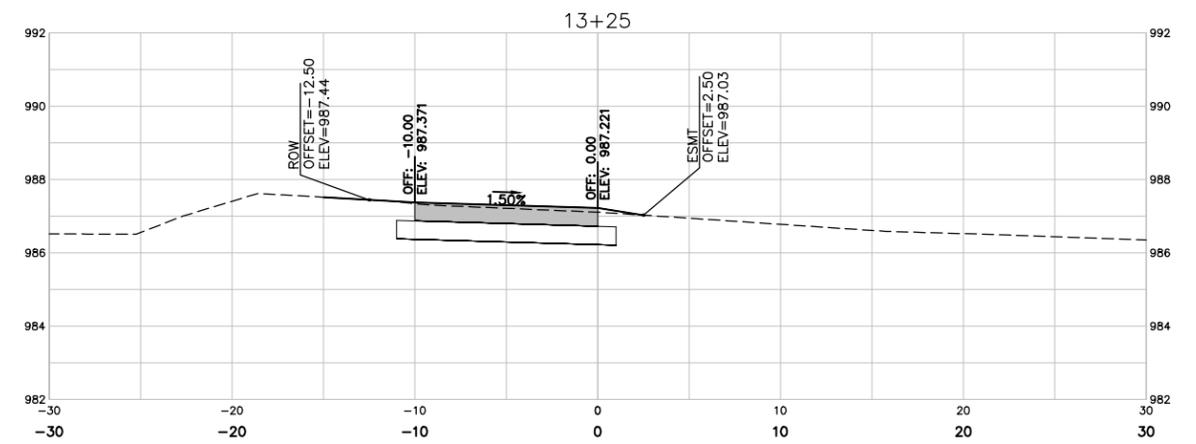
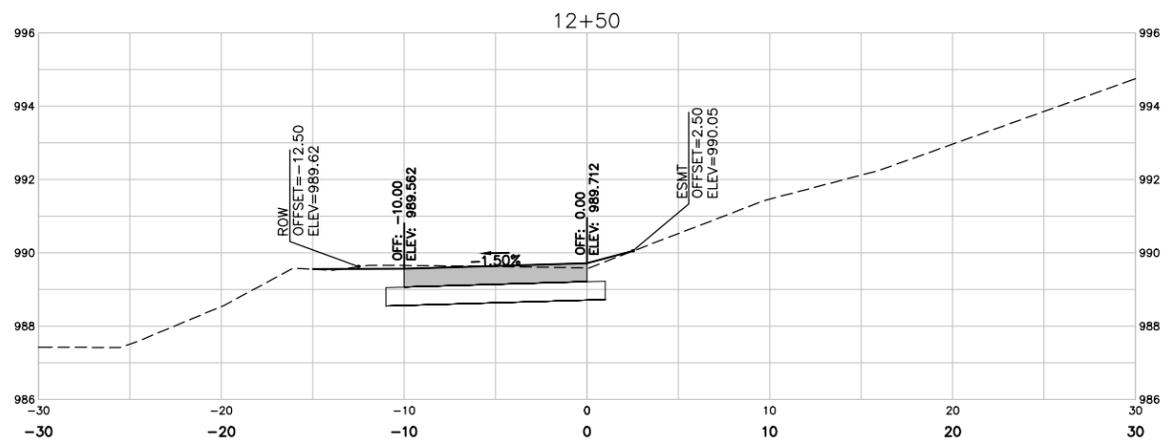
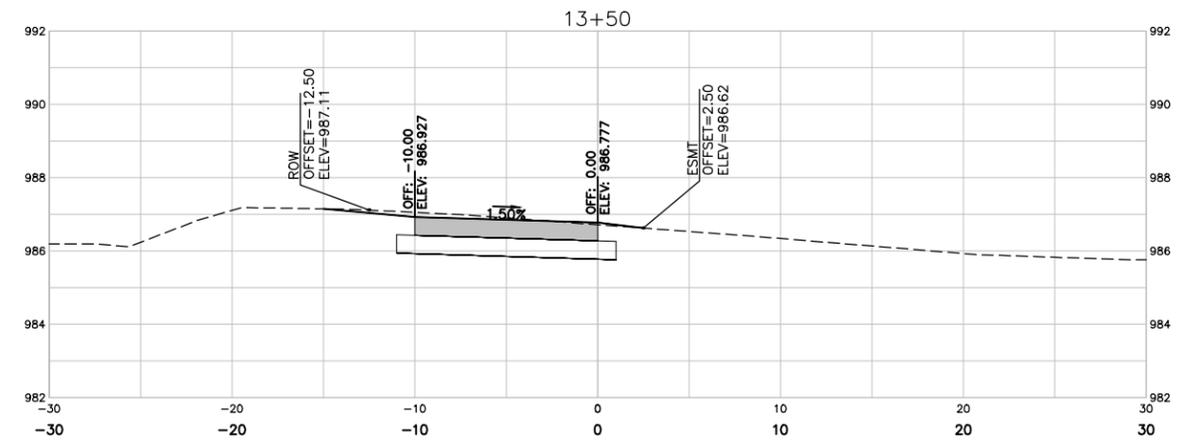
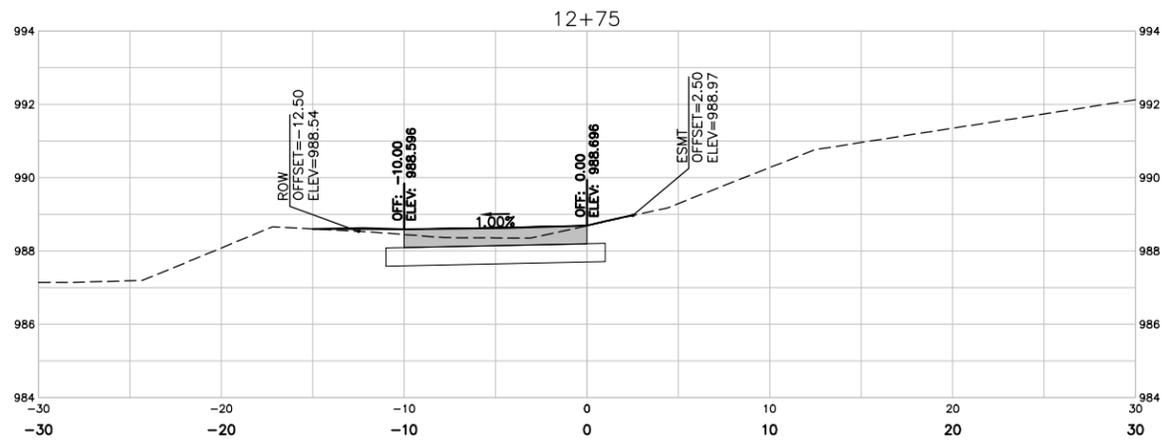
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OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

CROSS SECTIONS
 SHARED USE PATH

SHEET NO.
W.01



Xref: XI-0-ROW: xgl-1-gh01

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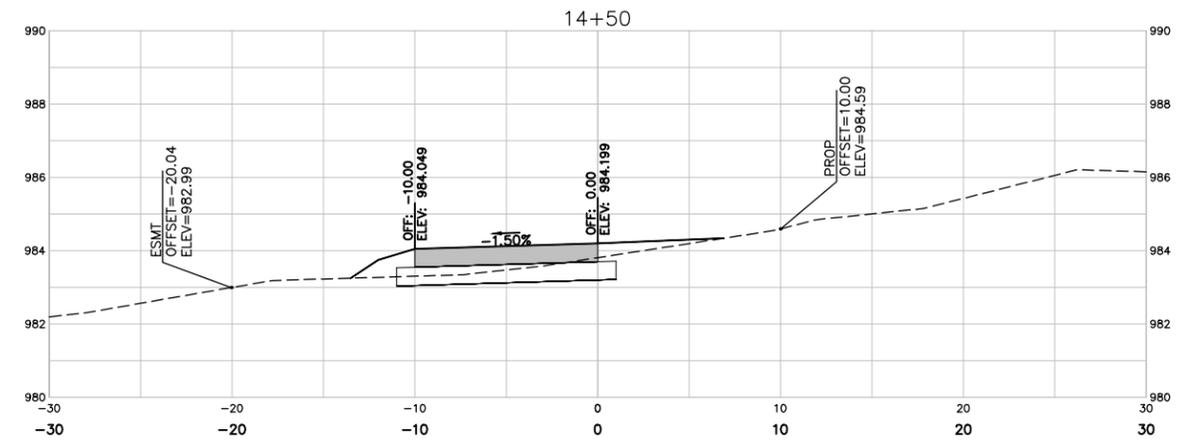
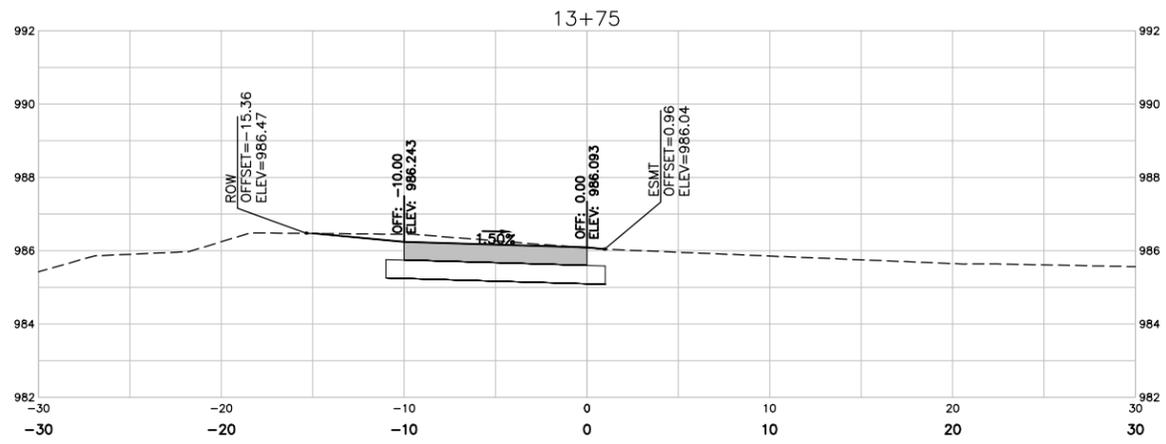
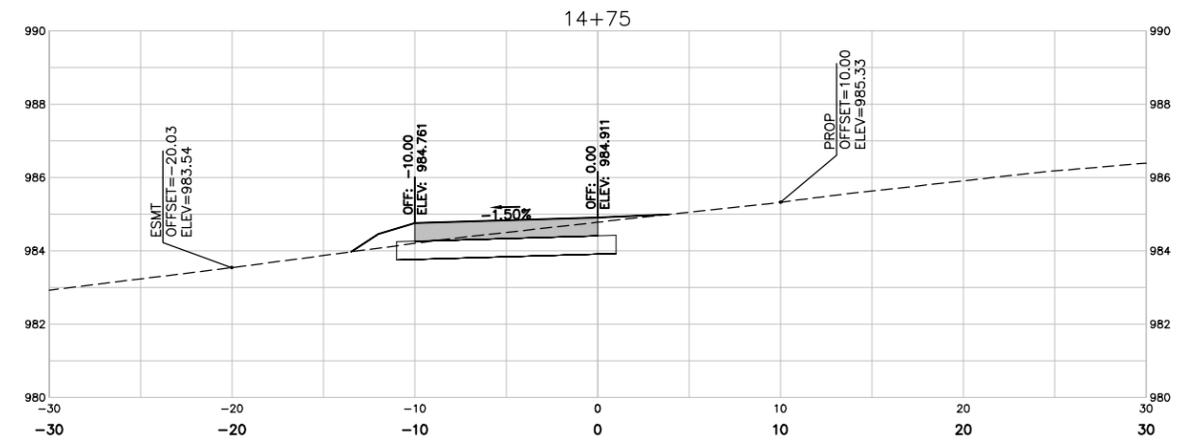
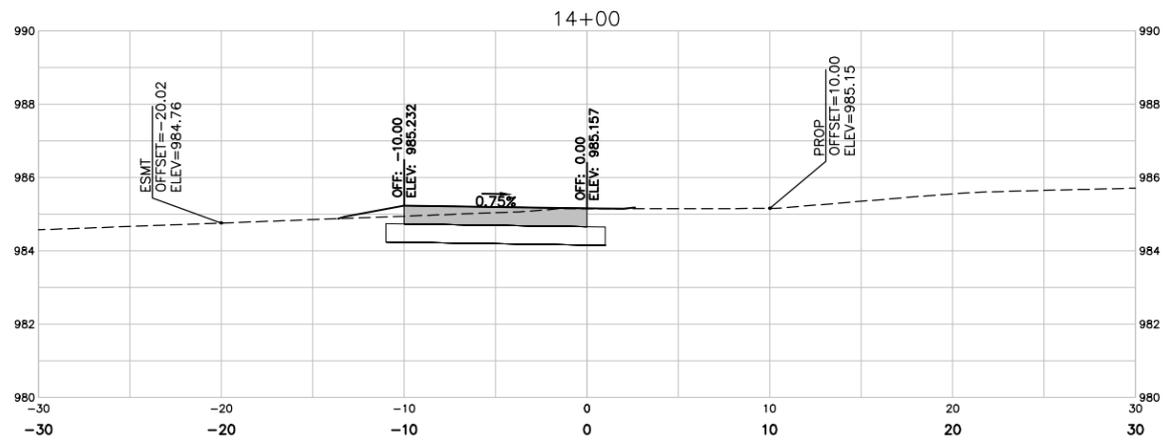
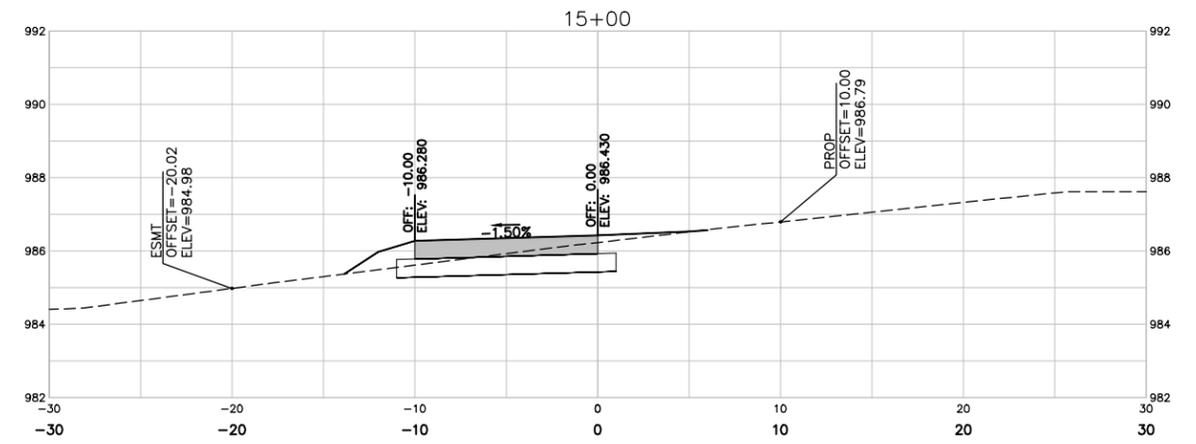
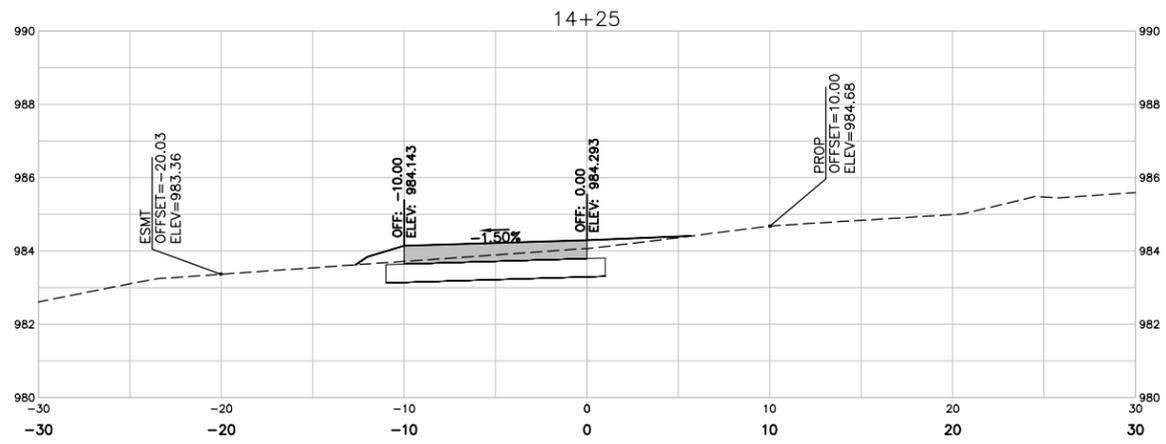
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OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

CROSS SECTIONS
 SHARED USE PATH

SHEET NO.
 W.02



Xref: XI-0-ROW: xjt-1-gh01

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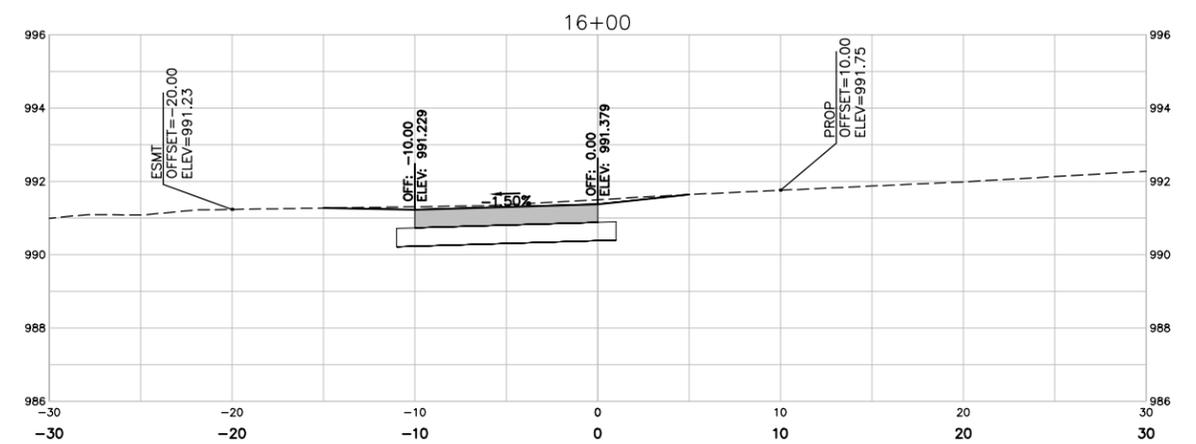
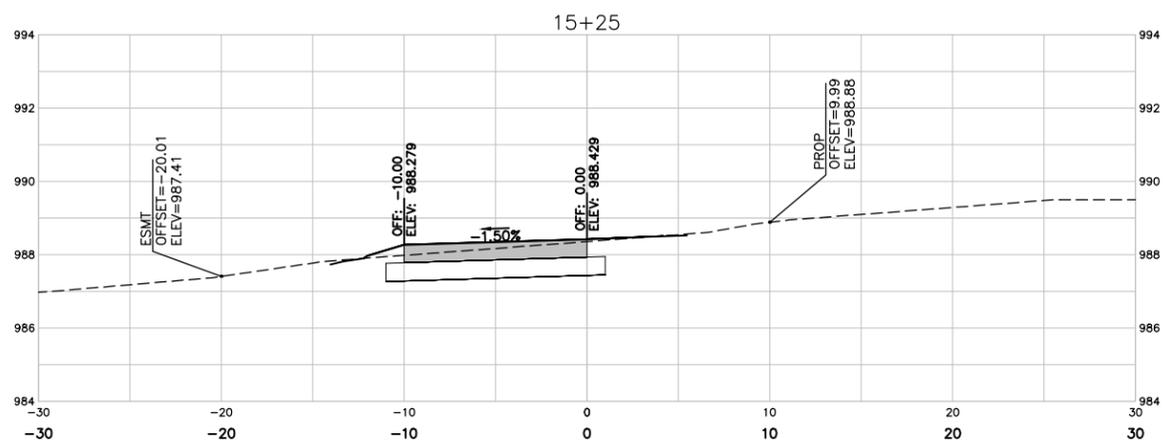
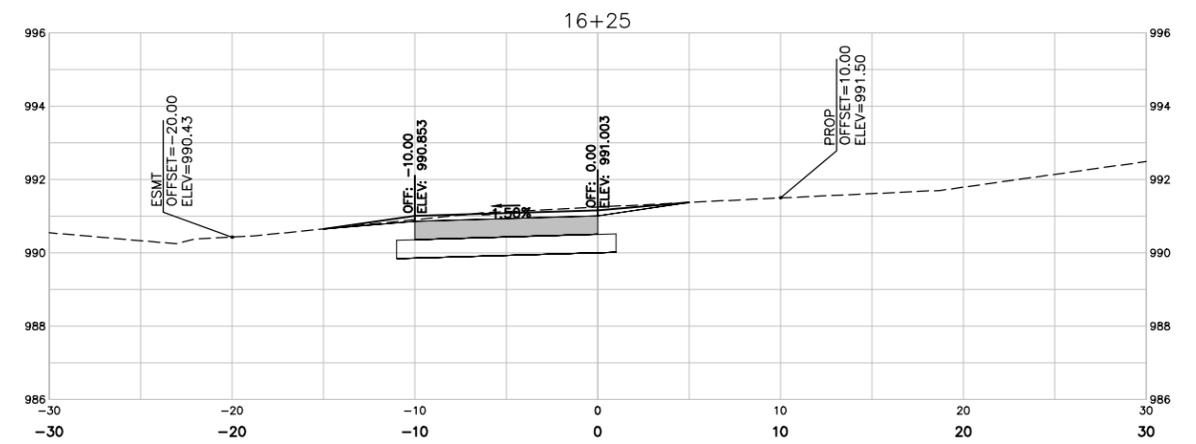
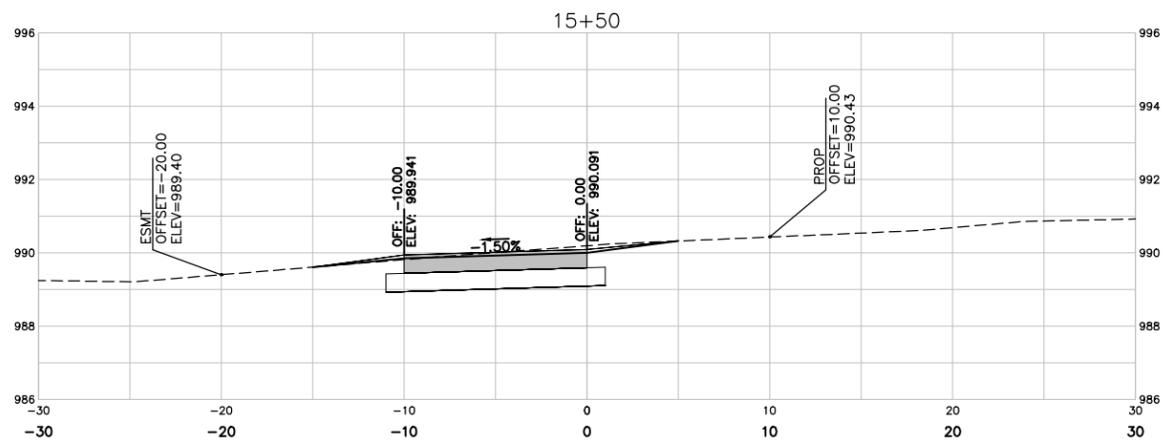
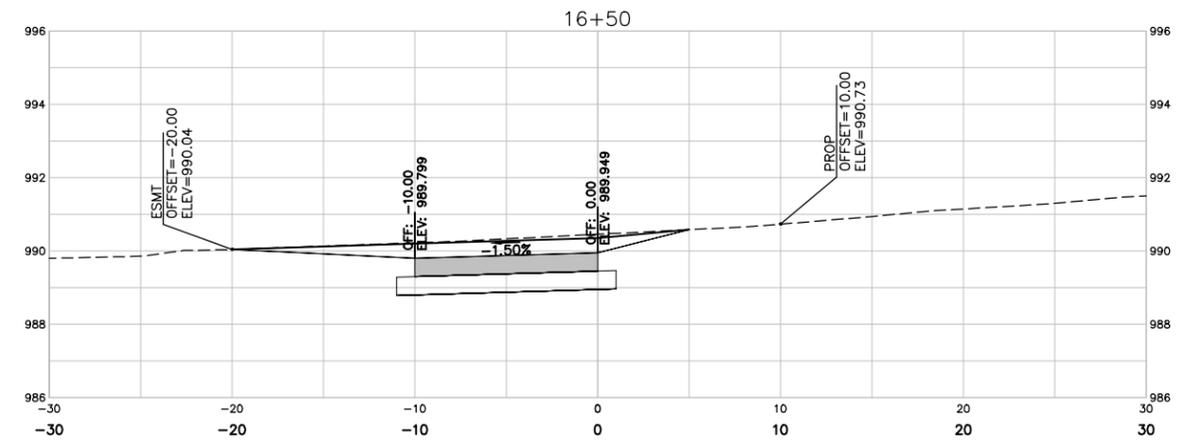
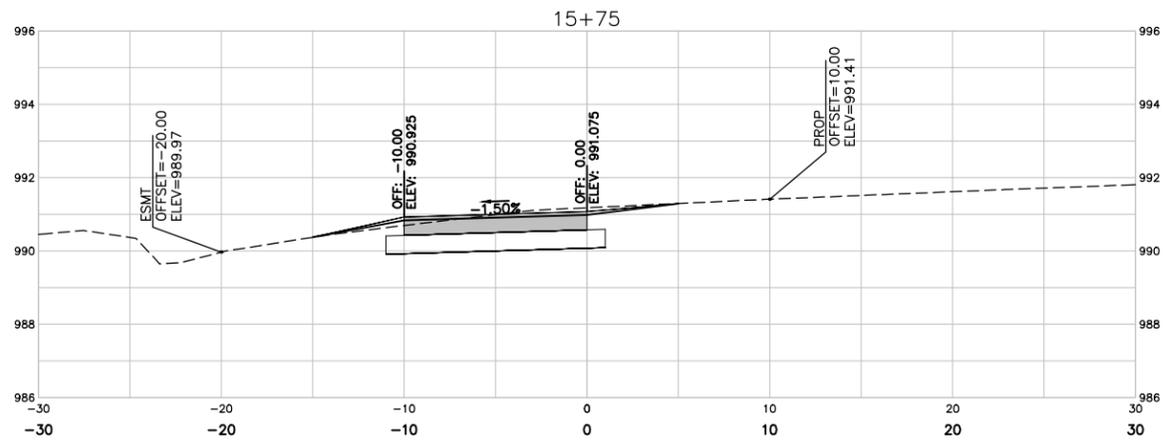
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OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

CROSS SECTIONS
 SHARED USE PATH

SHEET NO.
 W.03



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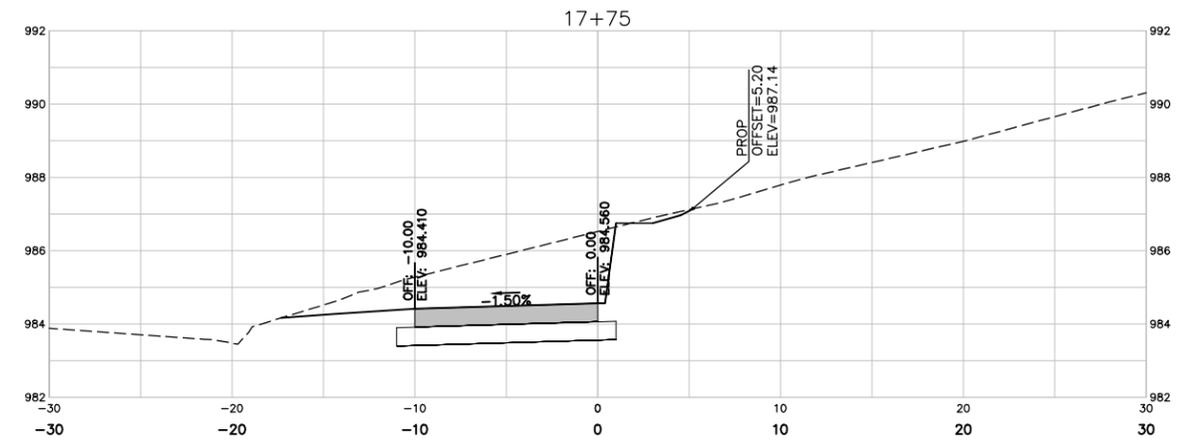
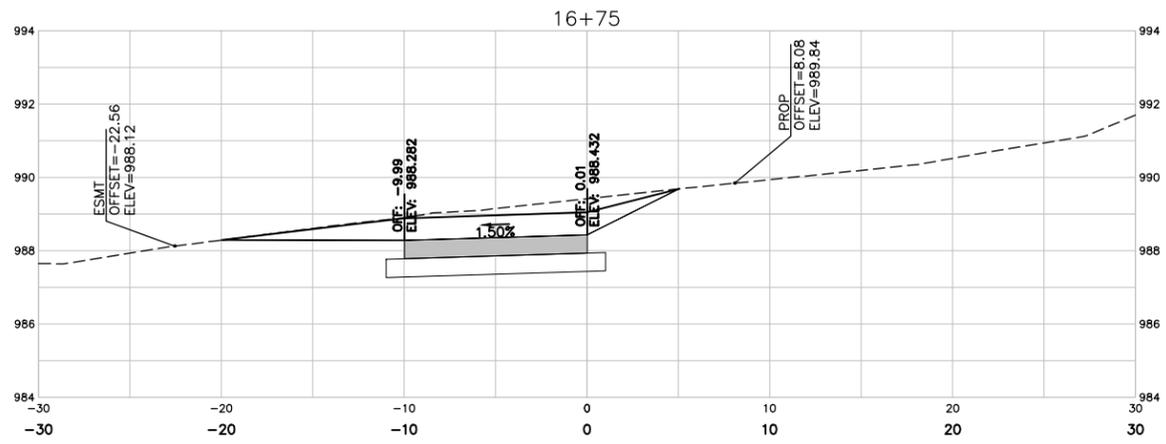
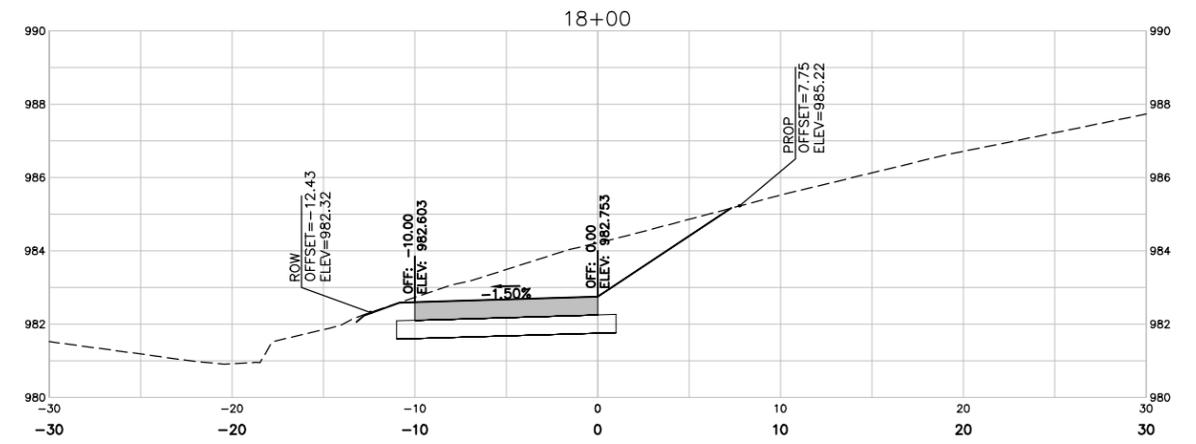
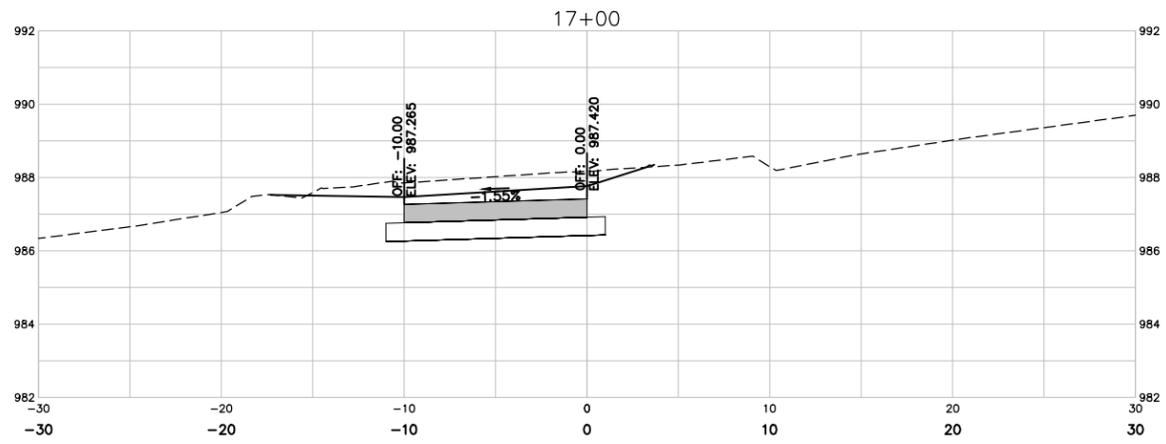
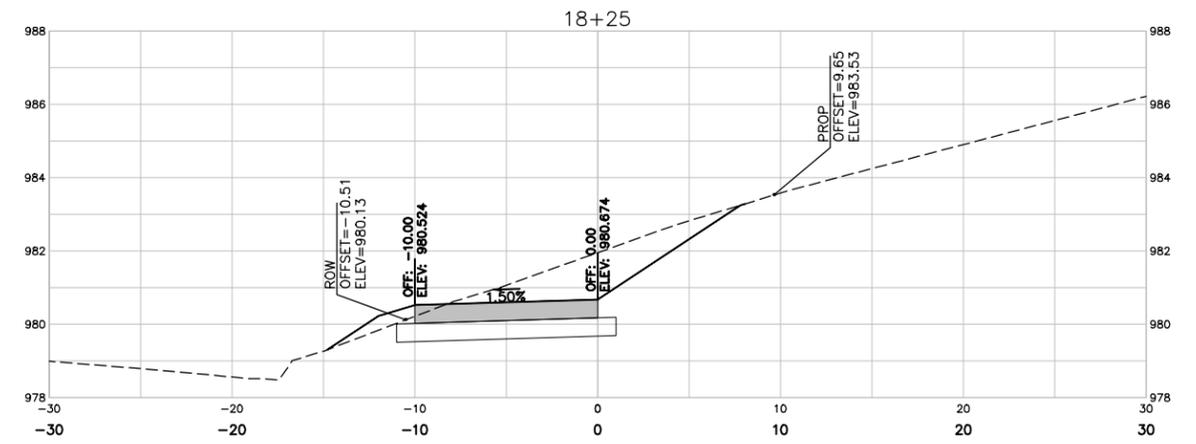
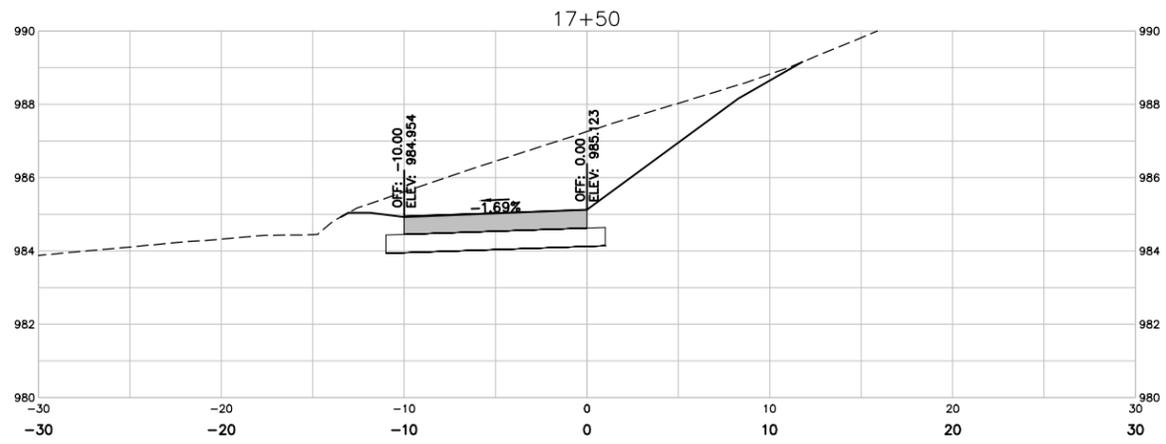
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OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

CROSS SECTIONS
 SHARED USE PATH

SHEET NO.
 W.04



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JOB DATE: 2025
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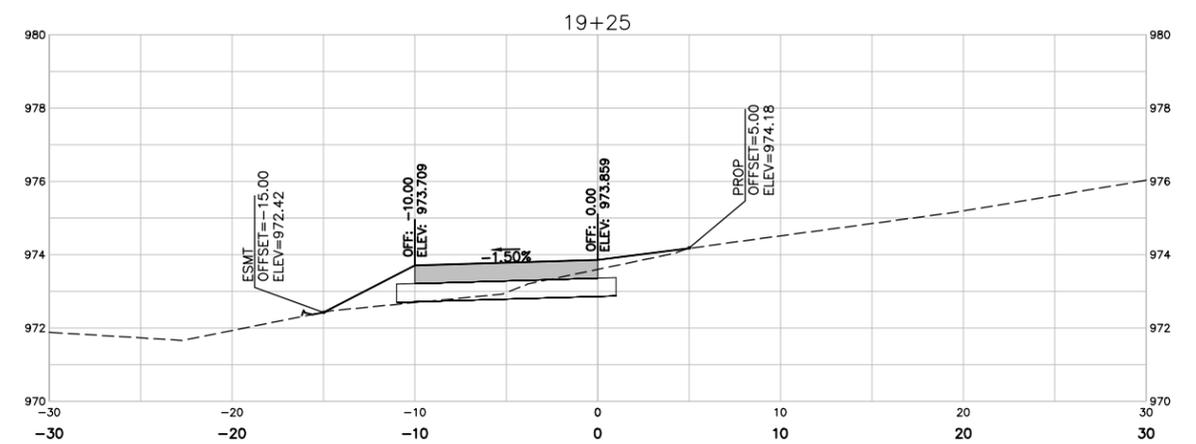
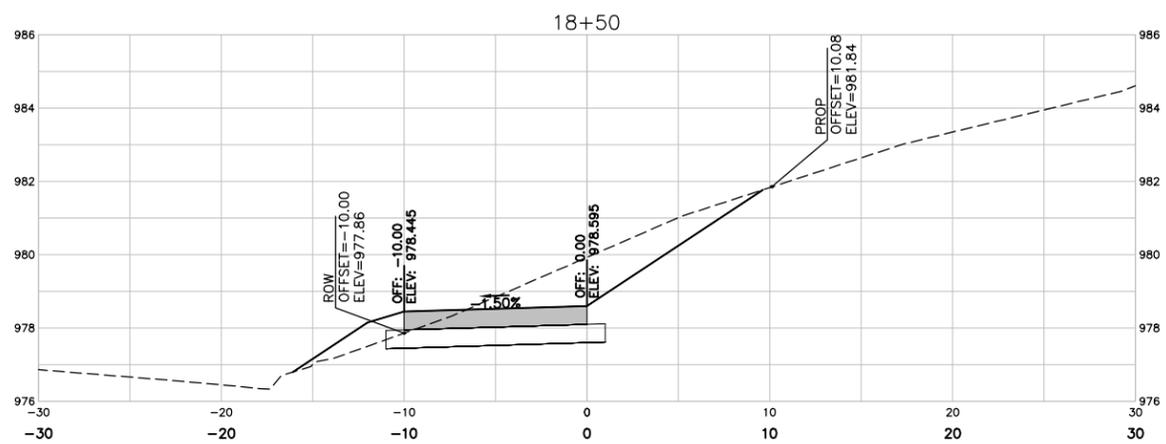
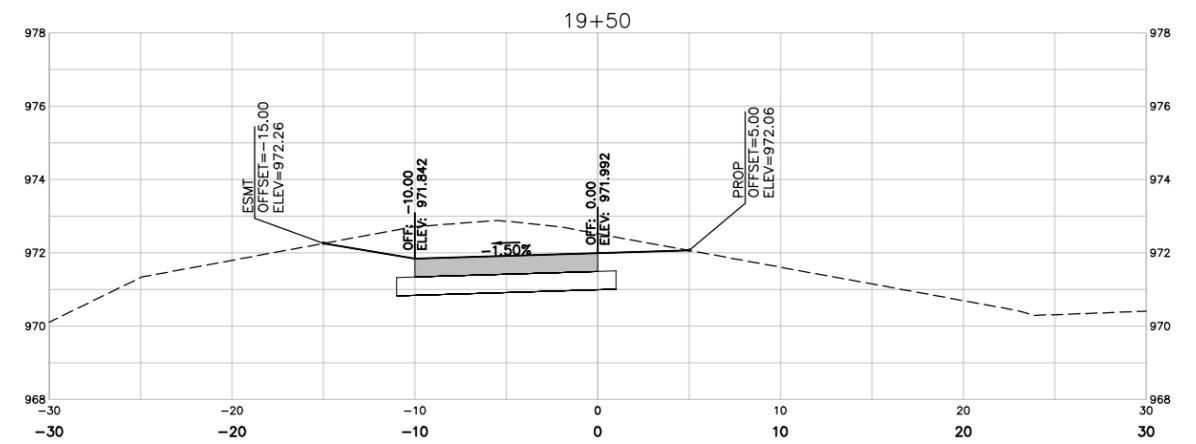
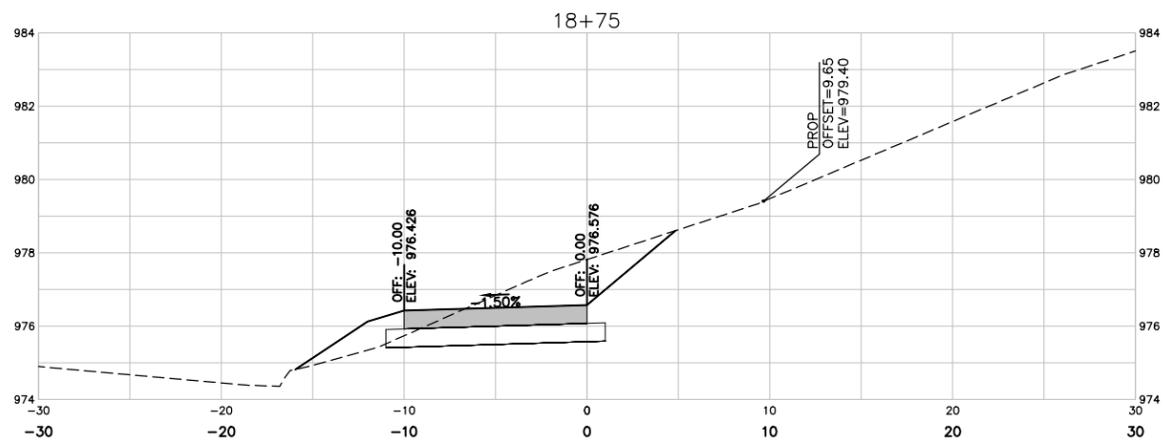
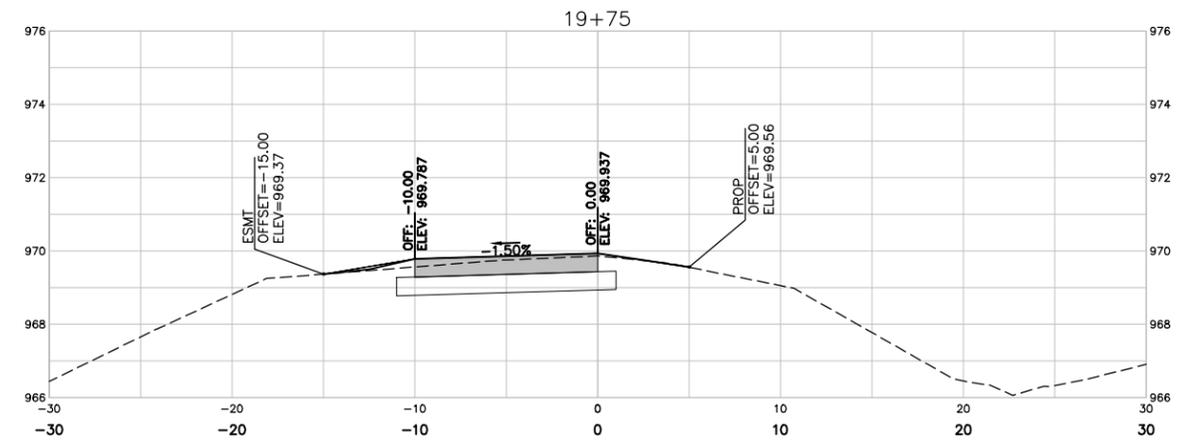
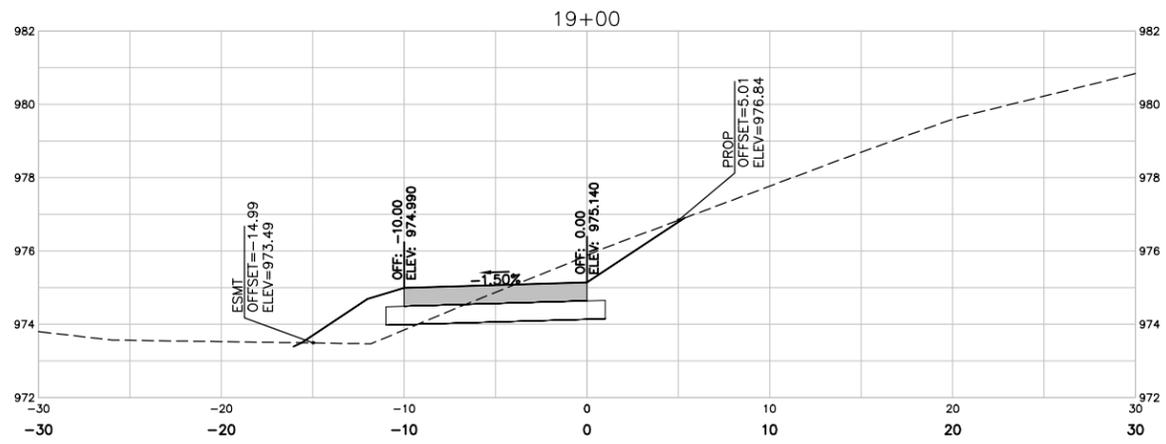
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OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

CROSS SECTIONS
 SHARED USE PATH

SHEET NO.
 W.05



Xref: XI-0-ROW: xjt-1-0101

DRAWN BY: CJ JOB DATE: 2025
 APPROVED: BM JOB NUMBER: 2502027
 CAD DATE: 4/10/2025 11:02:03 AM
 CAD FILE: J:\2025\2502027\CAD\Dwgs\W\W.01.dwg

BAR IS ONE INCH ON OFFICIAL DRAWINGS.
 IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

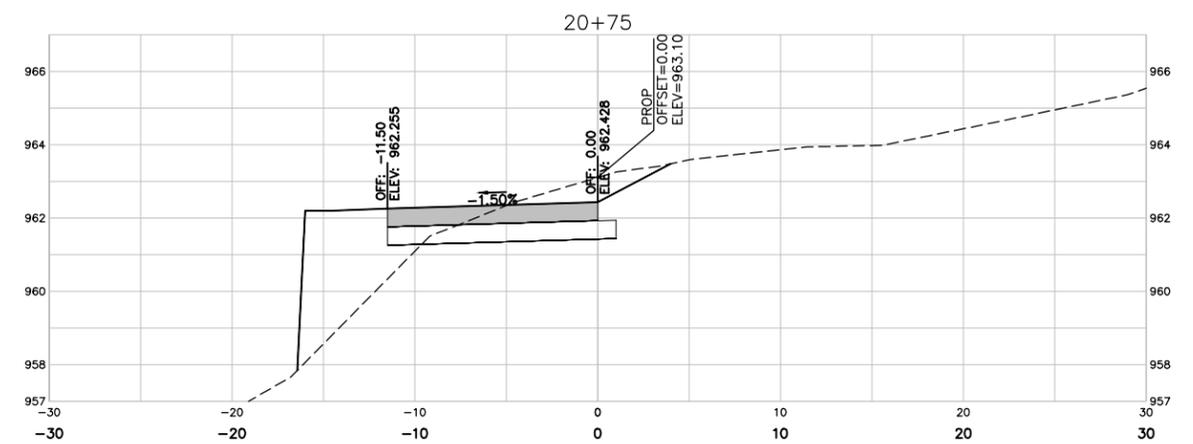
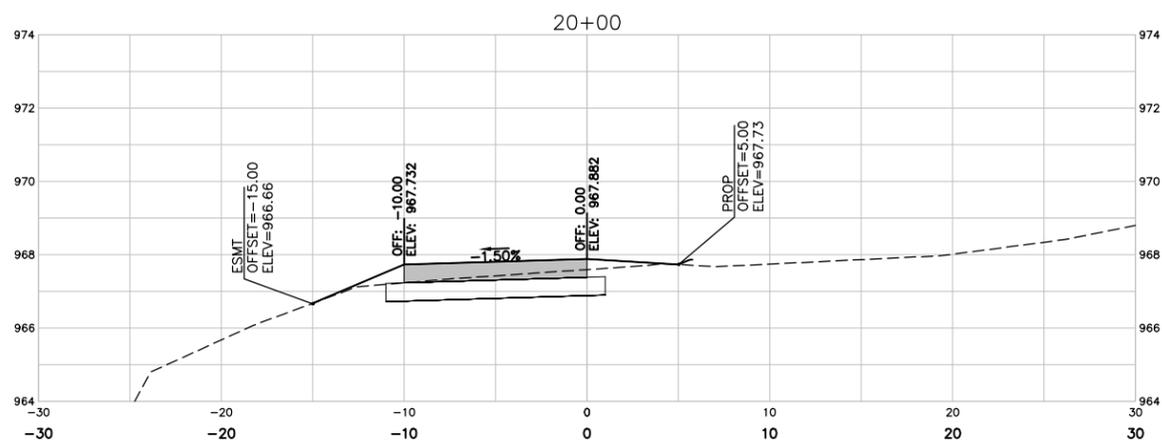
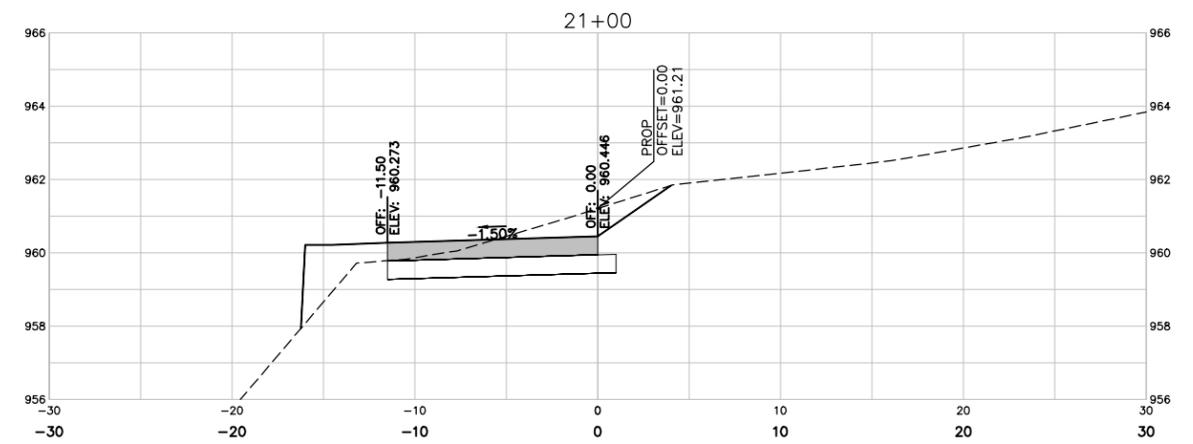
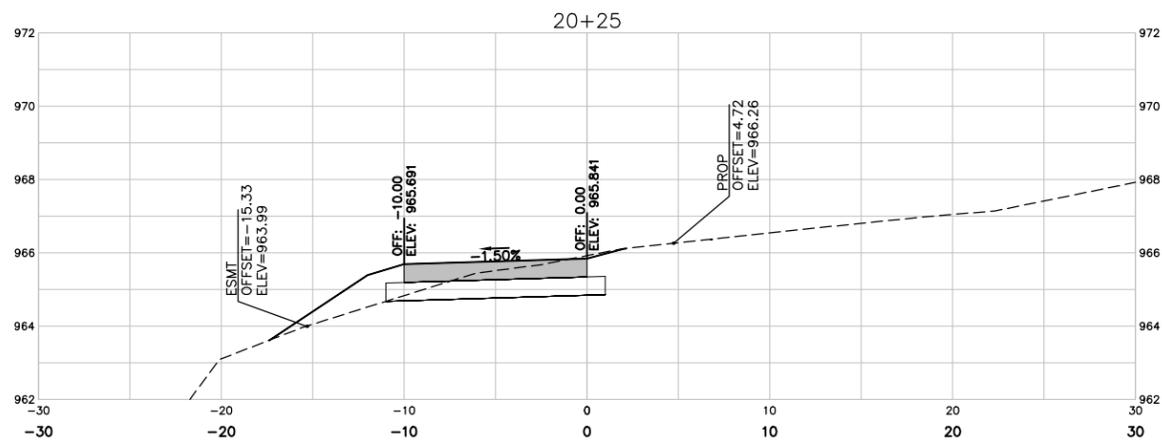
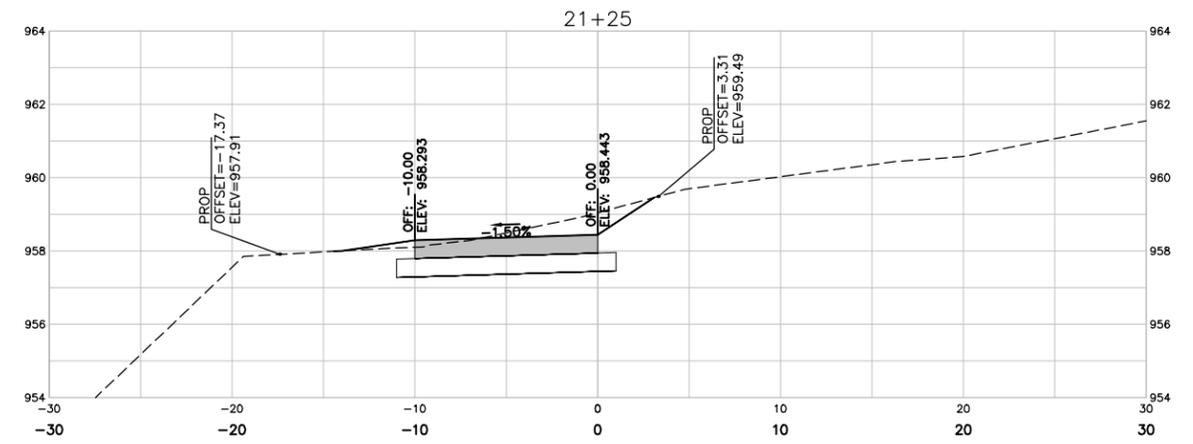
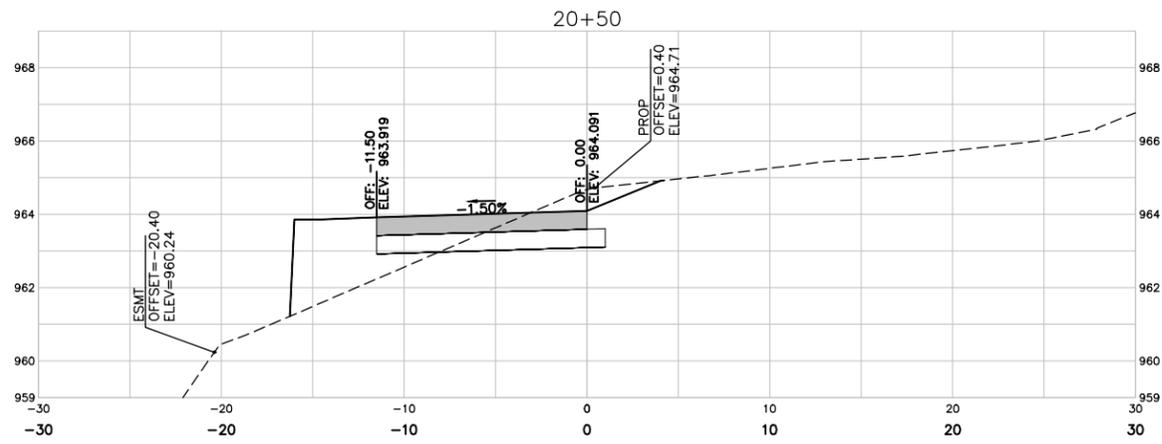
NO.	DATE	BY	REVISION DESCRIPTION



OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

CROSS SECTIONS
 SHARED USE PATH

SHEET NO.
 W.06



Xref: XI-0-ROW; xgl-1-gh01

DRAWN BY: CJ
 APPROVED: BM
 CAD DATE: 4/10/2025 11:02:03 AM
 CAD FILE: J:\2025\2502027\CAD\Dwgs\W\W.01.dwg

JOB DATE: 2025
 JOB NUMBER: 2502027

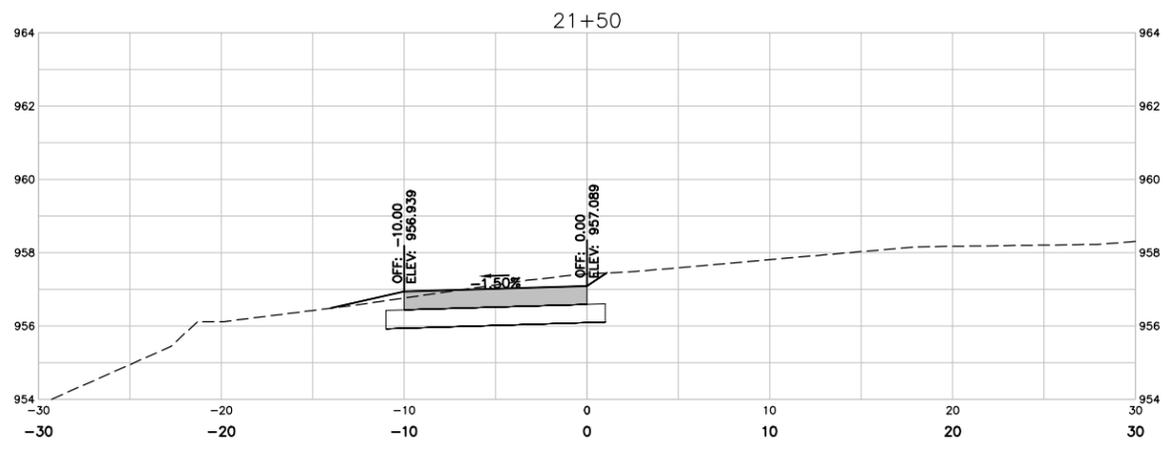
NO.	DATE	BY	REVISION DESCRIPTION



OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

CROSS SECTIONS
 SHARED USE PATH

SHEET NO.
 W.07



Xref: XI-0-ROW: xgl-1-gh01

DRAWN BY: CJ JOB DATE: 2025
 APPROVED: BM JOB NUMBER: 2502027
 CAD DATE: 4/10/2025 11:02:03 AM
 CAD FILE: J:\2025\2502027\CAD\Dwgs\W\W.01.dwg

BAR IS ONE INCH ON
 OFFICIAL DRAWINGS:
 0" = 1"
 IF NOT ONE INCH,
 ADJUST SCALE ACCORDINGLY.

NO.	DATE	BY	REVISION DESCRIPTION



OAK PARK ESTATES TRAIL
 CITY OF NEVADA
 NEVADA, IA

CROSS SECTIONS
 SHARED USE PATH

SHEET NO.
W.08