

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

GREGORY STREET (FAU 6349)
ADELAIDE STREET (FAU 6392)
SECTION 21-00272-00-BT

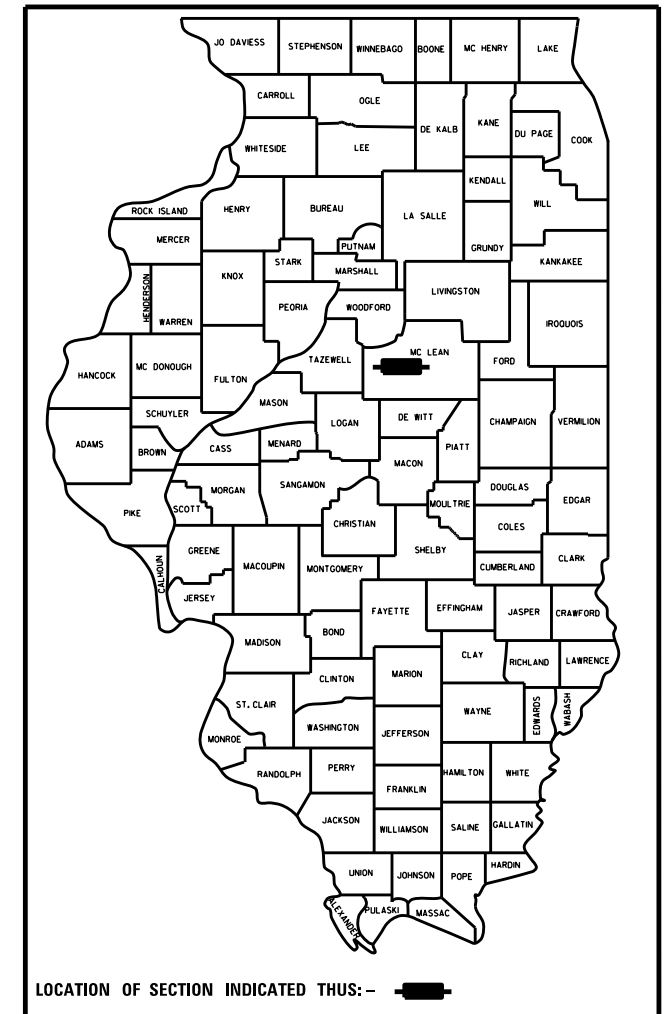
GREGORY STREET TRAIL EXTENSION
McLEAN COUNTY

C-95-005-23
R 2 E, 3RD PM

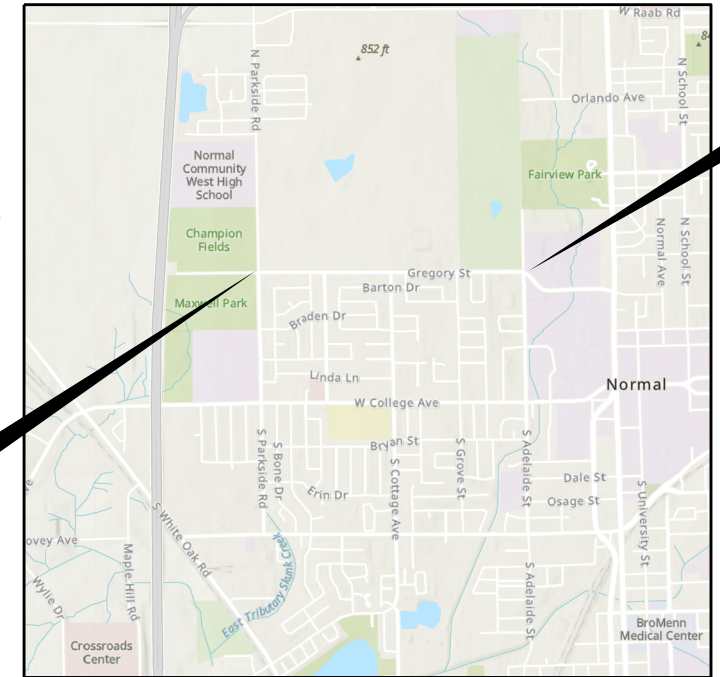
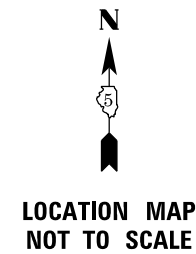
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6349	21-00272-00-BT	McLEAN	65	1
ILLINOIS			CONTRACT NO. 91620	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES, COMMITMENTS & LIST OF STANDARDS
- 3 SUMMARY OF QUANTITIES
- 4-6 TYPICAL SECTIONS
- 7-9 SCHEDULES OF QUANTITIES
- 10-14 REMOVAL PLANS
- 15-24 PLAN & PROFILES
- 25-30 TRAFFIC CONTROL PLAN
- 31-35 EROSION CONTROL PLANS
- 36 INTERSECTION DETAILS
- 37-39 ADA RAMP DETAILS
- 40-43 ENTRANCE DETAILS
- 44-63 CROSS SECTIONS
- 64 MISCELLANEOUS DETAILS
- 65 DISTRICT STANDARDS

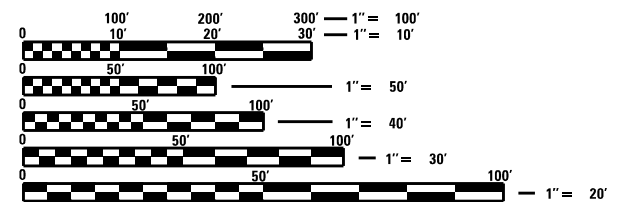


PROPOSED IMPROVEMENT:
CONSTRUCT 10' WIDE SHARED USE PATH, RELOCATE CURB & GUTTER AND STORM SEWER SYSTEM ALONG THE NORTH SIDE OF GREGORY STREET. RECONFIGURE GREGORY STREET/ADELAIDE STREET INTERSECTION, AND OTHER COLLATERAL WORK.



END IMPROVEMENT
GREGORY STREET
STA 65 + 23.89

BEGIN IMPROVEMENT
GREGORY STREET
STA 10 + 00.00

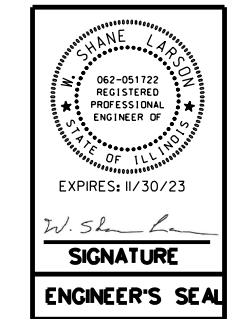


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

GROSS LENGTH = 5,523.89 FT. = 1.046 MILES
NET LENGTH = 5,523.89 FT. = 1.046 MILES

PROJECT MANAGER: SHANE LARSON, P.E.
PROJECT ENGINEER: RYAN BRADLE, P.E., P.T.O.E.
CONTRACT NO. 91620



FUNCTIONAL CLASSIFICATION
GREGORY STREET: MINOR ARTERIAL
2022 ADT = 6150
ADELAIDE STREET: MAJOR COLLECTOR
2022 ADT = 1650
DESIGN SPEED = 30 MPH
PV = 88% SU = 7% MU = 5%

APPROVED December 20 20 23
Ryan Bradle
LOCAL AGENCY OFFICIAL

PASSED January 5 20 24
Kensil A. Garnett
DISTRICT FIVE ENGINEER OF LOCAL ROADS & STREETS

Releasing For Bid Based on Limited Review January 5 20 24
Kensil A. Garnett
REGION THREE ENGINEER
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

GENERAL NOTES

AVAILABILITY OF ELECTRONIC FILES

MICROSTATION AND OPENROADS DESIGNER FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERROR OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN A EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

PLAN ELEVATIONS - U.S.G.S MEAN SEA LEVEL DATUM

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM (NAD 83).

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE. THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2289 (BORROW SITE REVIEW)
- BDE FORM 2290 (WASTE/USE AREA REVIEW)
- A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- BORROW AREA ENTRY AGREEMENT FORM D4 PI0101

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS SHALL BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS. ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES. PLEASE NOTE THAT A MINIMUM OF FOUR WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED WASTE SITE ENVIRONMENTAL CLEARANCES AND SIX WEEKS FOR THE REQUIRED BORROW SITE ENVIRONMENTAL CLEARANCES.

BITUMINOUS MATERIALS APPLICATION RATES

SURFACE TYPE	RESIDUAL RATE
MILLED (HMA OR PCC)	0.08 LB/SF
EXISTING PAVEMENT	0.08 LB/SF
FOG COAT (BETWEEN LIFTS)	0.08 LB/SF
AGGREGATE BASE (PRIME COAT)	0.25 LB/SF

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES

IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS, THE CONNECTING OF EXISTING DRAIN TILES, PIPE CULVERTS, OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM STRUCTURES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEMS PROVIDED.

TREE REMOVAL

TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS.

MISCELLANEOUS

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. ANY DAMAGE FOUND TO SURVEY MONUMENTS THAT WAS A RESULT OF THE CONTRACTOR'S OPERATIONS WILL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.

THE REMOVAL OF AGGREGATE SURFACE AND GRAVEL OR CRUSHED STONE BASE COURSE WHICH MAY BE NECESSARY FOR THE CONSTRUCTION OF THE PROJECT SHALL BE REMOVED AS EARTH EXCAVATION AND NO COMPENSATION WILL BE ALLOWED FOR ADDITIONAL LABOR OR EQUIPMENT REQUIRED.

THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS GRADING AND TRENCHING OPERATIONS AROUND TRANSMISSION POLES AND UNDER TRANSMISSION LINES. THE ADDED COST OF PERFORMING THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ALL EXISTING VEGETATION PRESENT WITHIN THE LIMITS OF THE PROPOSED PATH WIDTH SHALL BE STRIPPED PRIOR TO STARTING EMBANKMENT PLACEMENT. THE EXISTING VEGETATION AND COLLATERAL TOPSOIL MAY BE DEPOSITED AT LOCATIONS APPROVED BY THE ENGINEER.

THE CONTRACTOR WILL NOT BE ALLOWED TO STOCK PILE OR DEPOSIT DIRT OR ANY OTHER MATERIAL ON COMPLETED PATH OR SIDEWALK. THE CONTRACTOR SHALL CONFINE THEIR EQUIPMENT TRAFFIC ON THE COMPLETED PATH OR SIDEWALK TO DESIGNATED CROSSING LOCATIONS AS APPROVED BY THE ENGINEER. THE DESIGNATED CROSSING LOCATIONS SHALL BE PROTECTED WITH PLYWOOD OR AS APPROVED BY THE ENGINEER.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS:

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

NOTES:

- 1) INDIVIDUAL LIFT THICKNESS OF EACH MIX WILL BE NO LESS THAN THREE (3) TIMES NOMINAL MAXIMUM AGGREGATE SIZE AND NO MORE THAN FIVE (5) TIMES NOMINAL MAXIMUM AGGREGATE SIZE, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 2) FOR DESIGN PURPOSES, MIXTURE WEIGHT FOR ALL MIXES IS DETERMINED TO BE 112.0 LB./SQ. YARD/IN., UNLESS OTHERWISE NOTED
- 3) SUBLOT SIZES FOR PFP AND QCP MIXES WILL BE 1,000 TONS UNLESS OTHERWISE AGREED TO BY THE ENGINEER AND THE PAVING CONTRACTOR.

LOCATION(S):	ENTIRE PROJECT
MIXTURE USE(S):	HMA SURFACE SURFACE COURSE
BINDER GRADE (PG):	PG 64-22
DESIGN GRADE VOIDS:	4.0% @ NDES = N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5 MIX C
FRICTION AGGREGATE:	112 LBS/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/OA
SUBLOT SIZE:	N/A
DENSITY TEST METHOD:	NUCLEAR
MATERIAL TRANSFER DEVICE:	NO

TRANSITION PAYMENT METHOD - NEW/OLD CONSTRUCTION

TEN FEET (10 FT) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.

MISCELLANEOUS

ALL PERMANENT PAVEMENT MARKINGS WILL BE COMPLETED BY OTHERS ON A SEPARATE, CURRENT CONSTRUCTION CONTRACT WHERE THE SCOPE OF WORK INCLUDES MILLING RESURFACING GREGORY ST. FROM ADELAIDE ST. TO COTTAGE AVE. THE RESURFACING CONTRACT WILL BE LET LOCALLY BY THE TOWN OF NORMAL IN THE SPRING OF 2024.

COMMITMENTS

COMMITMENTS ARE NOT BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

LIST OF STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEM
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-03	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
602301-04	INLET-TYPE A
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606206-04	TYPE B GUTTER (INLET, OUTLET, AND ENTRANCE)
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, W2, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, W2, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-09	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS

BENCHMARKS AND CONTROL POINTS

SEE PAGE 24 FOR BENCHMARKS AND CONTROL POINTS.

MODEL: Default
FILE NAME: V:\15174 - Gregory St. SUP - PH-11 (Normal)\CADD\CADD Sheets\15174-shk-genernote.dgn



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED -	
PROJECT #: - 5174	

**GREGORY STREET
TRAIL EXTENSION**



**GENERAL NOTES, COMMITMENTS
& LIST OF STANDARDS**

CONTRACT NO. 91620

**SHEET
2 OF 65**

SUMMARY OF QUANTITIES

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
			ROADWAY				ROADWAY
			0004 URBAN				0004 URBAN
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	69	* 70306210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE III TAPE	FOOT	30
20200100	EARTH EXCAVATION	CU YD	1300	* 72000100	SIGN PANEL - TYPE 1	SQ FT	12
20800150	TRENCH BACKFILL	CU YD	276	* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	50
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	843	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2311
* 25000100	SEEDING, CLASS 1	ACRE	2	* A2001724	TREE, ACER SACCHARUM (SUGAR MAPLE), 3" CALIPER, BALLED AND BURLAPPED	EACH	6
* 25000110	SEEDING, CLASS 1A	ACRE	1	* A2002516	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	2
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	142	* A2002884	TREE, CELTIS OCCIDENTALIS CHICAGOLAND, (CHICAGOLAND HACKBERRY), 3" CALIPER, BALLED AND BURLAPPED	EACH	5
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	142	* A2005616	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	4
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	142	* A2007624	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 3" CALIPER, BALLED AND BURLAPPED	EACH	3
* 25100125	MULCH, METHOD 3	ACRE	1	* A2007824	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 3" CALIPER, BALLED AND BURLAPPED	EACH	2
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	471	* B2001116	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	8
28000400	PERIMETER EROSION BARRIER	FOOT	3617	X0327301	RELOCATE EXSTING MAILBOX	EACH	1
28000500	INLET AND PIPE PROTECTION	EACH	11	X6024240	INLETS (SPECIAL)	EACH	11
28000510	INLET FILTERS	EACH	9	X6050500	REMOVE FRAME AND GRATES (SPECIAL)	EACH	2
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1602	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	6310	Z0013798	CONSTRUCTION LAYOUT	L SUM	1
35300400	PORTLAND CEMENT CONCRETE BASE COURSE, 9"	SQ YD	412	Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	136
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	13832				
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	643				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	815				
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1734				
42400800	DETECTABLE WARNINGS	SQ FT	360				
44000100	PAVEMENT REMOVAL	SQ YD	2458				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	537				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2283				
54213447	END SECTIONS 12"	EACH	2				
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	31				
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1163				
60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	3				
60260100	INLETS TO BE ADJUSTED	EACH	2				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2064				
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	37				
67100100	MOBILIZATION	L SUM	1				
70306120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE III TAPE	FOOT	9996				

* SPECIALTY ITEMS

MODEL: Default
FILE NAME: V015174 - Gregory St. SUP - PH L1 (Normal)CADDDADD Sheets5174-rt-SQ0.dgn

CONTRACT NO. 91620



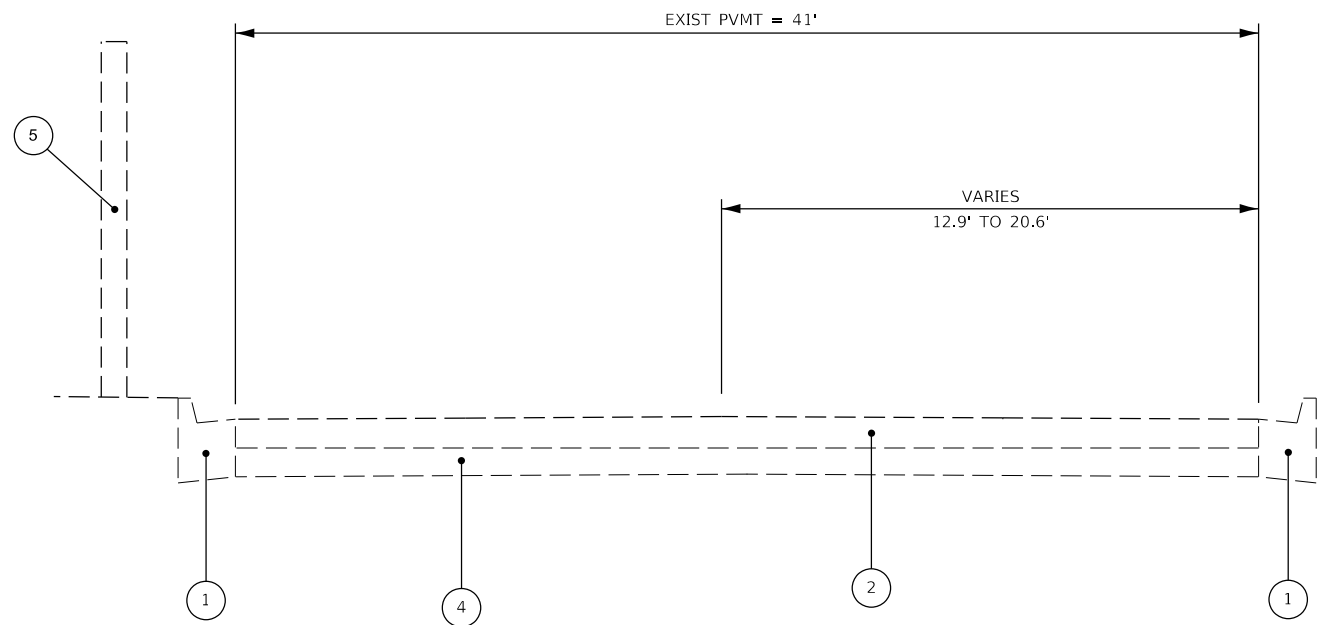
DESIGNED - AOF DATE - 11-08-23
DRAWN -
CHECKED -
PROJECT #: - 5174

**GREGORY STREET
TRAIL EXTENSION**

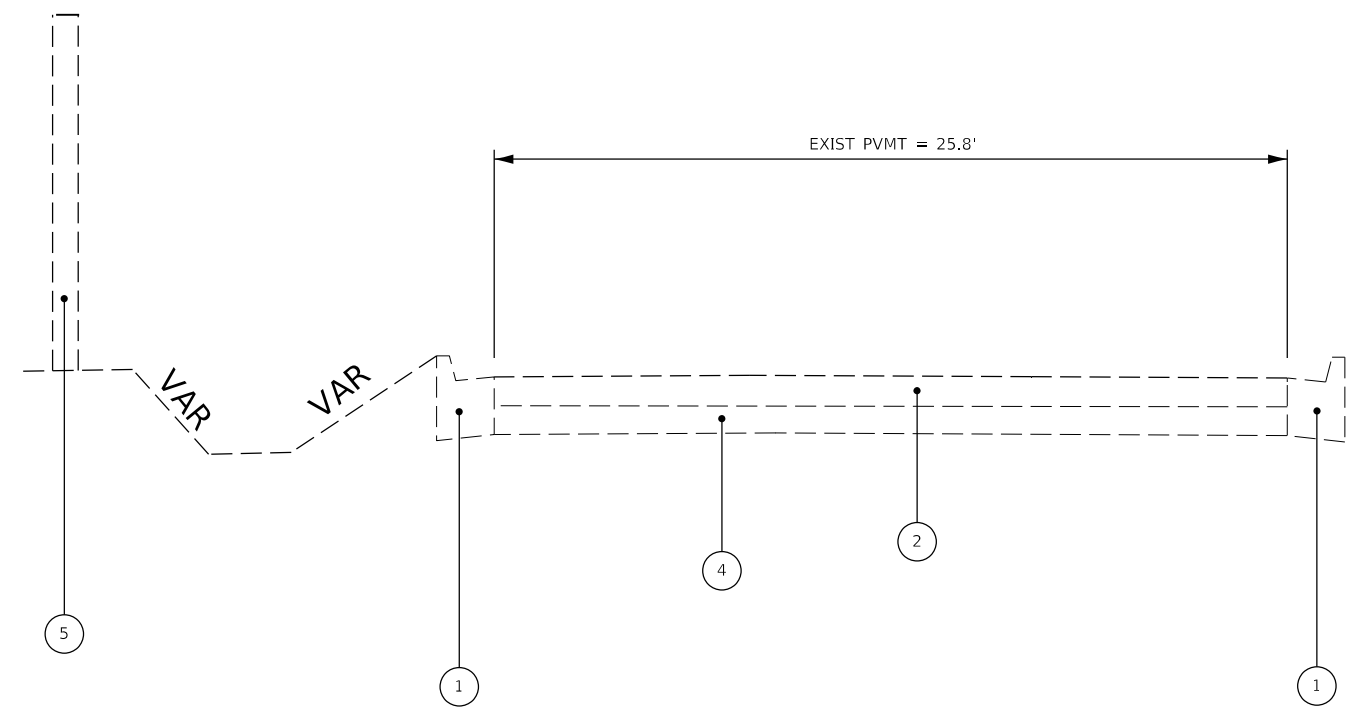


SUMMARY OF QUANTITIES

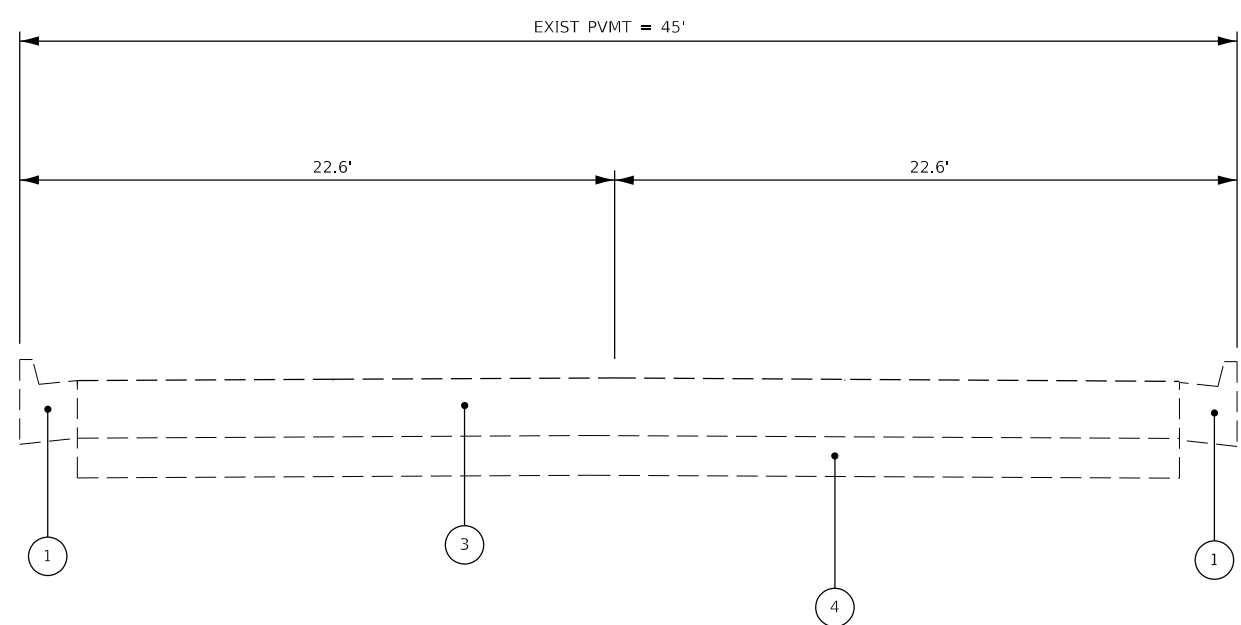
**SHEET
3 OF 65**



EXIST TYPICAL SECTION - GREGORY ST
(NO PARKING LANE)
FROM STA 37+17.4 TO STA 64+38.7



EXIST TYPICAL SECTION - GREGORY ST
(PARKSIDE RD TO COTTAGE AVE.)
FROM STA 10+62.3 TO STA 37+17.4



EXIST TYPICAL SECTION - ADELAIDE ST
FROM STA 20+43.2 TO STA 24+00

LEGEND	
①	EXISTING CONCRETE CURB & GUTTER
②	EXISTING HOT-MIX ASPHALT PAVEMENT
③	EXISTING BITUMINOUS CONCRETE SURFACE
④	EXISTING AGGREGATE BASE COURSE
⑤	EXISTING UTILITY POLE

MODEL: D:\data\Gregory St - SUP - FH I (Normal)\CADD\CADD Sheets\5174-ehh\typical.dgn



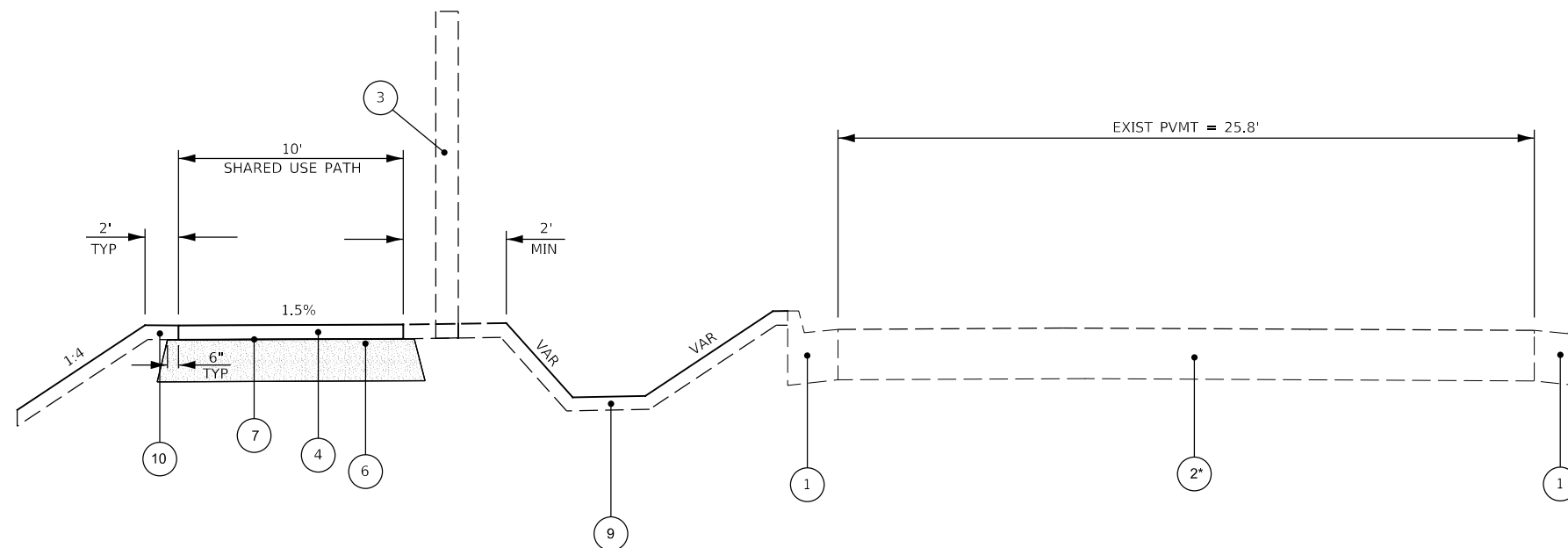
DESIGNED - AOF	DATE - 9-11-23
DRAWN - AOF	
CHECKED - BR	
PROJECT #: - 5174	

**GREGORY STREET
TRAIL EXTENSION**



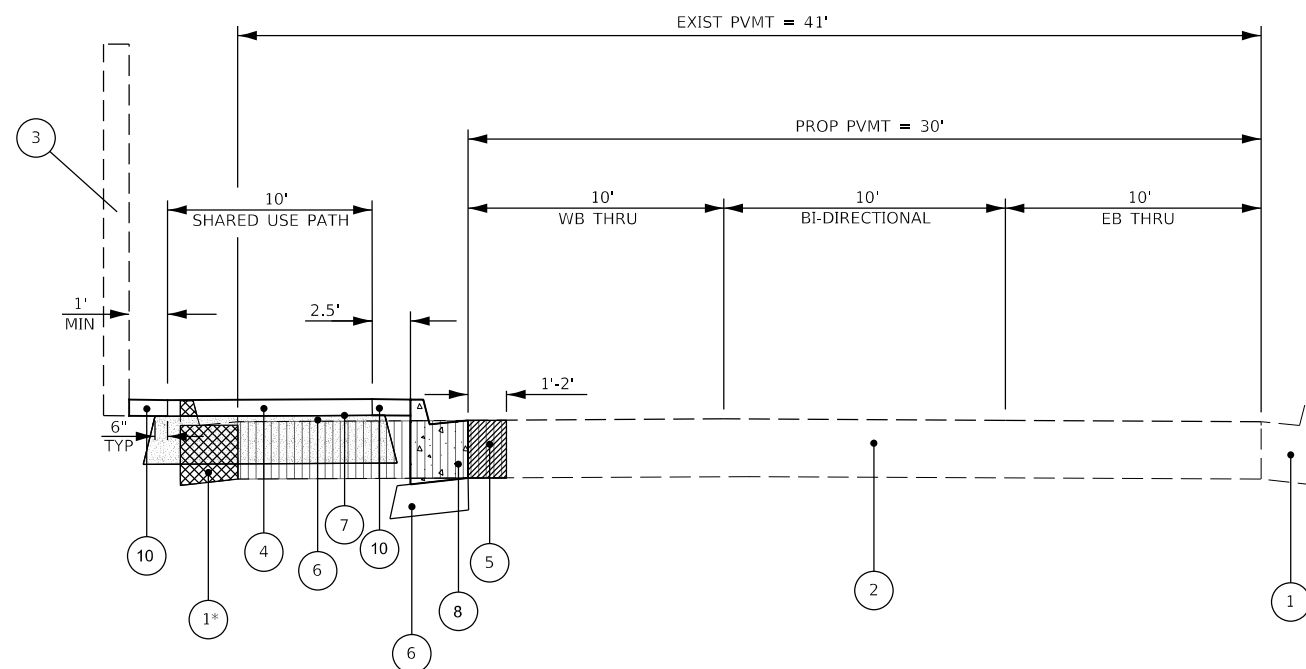
**EXISTING TYPICAL SECTIONS
(1 OF 3)**

CONTRACT NO. 91620
**SHEET
4 OF 65**



PROP TYPICAL SECTION - GREGORY ST
(PARKSIDE RD TO COTTAGE AVE.)

FROM STA 10+62.3 TO STA 37+01.0



PROP TYPICAL SECTION - GREGORY ST
(NO PARKING LANE)

FROM STA 37+01.0 TO STA 38+35.0
FROM STA 40+12.4 TO STA 43+84.0
FROM STA 50+42.2 TO STA 64+27.5

LEGEND

- 1 EXISTING CONCRETE CURB & GUTTER
- 1* EXISTING CONCRETE CURB & GUTTER (TO BE REMOVED)
- 2 EXISTING HOT-MIX ASPHALT BASE COURSE
- 2* MILLED PCC BASE & HMA OVERLAY
- 3 EXISTING UTILITY POLE
- 4 PROPOSED HOT-MIX ASPHALT, 2"
- 5 PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- 6 PROPOSED AGGREGATE BASE COURSE 6"
PROPOSED AGGREGATE BASE COURSE 4" (CURB & GUTTER)
- 7 PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- 8 PROPOSED CONCRETE CURB & GUTTER, TYPE B-6.12
PROPOSED CONCRETE CURB & GUTTER, TYPE B-6.18 (ADA RAMPS)
- 9 PROPOSED TURFED DITCH
- 10 PROPOSED TOPSOIL FURNISH AND PLACE, 4" AND SEEDING, CLASS 1 (1A)

PAVEMENT REMOVAL

MODEL: D:\data\Gregory St - SUP - PH I\Normal\CADD\CADD Sheets\5174-ah-tyr-1.dgn
FILE NAME: 5174 - Gregory St - SUP - PH I\Normal\CADD\CADD Sheets\5174-ah-tyr-1.dgn



DESIGNED - AOF DATE - 9-11-23
DRAWN - _
CHECKED - _
PROJECT #: - 5174

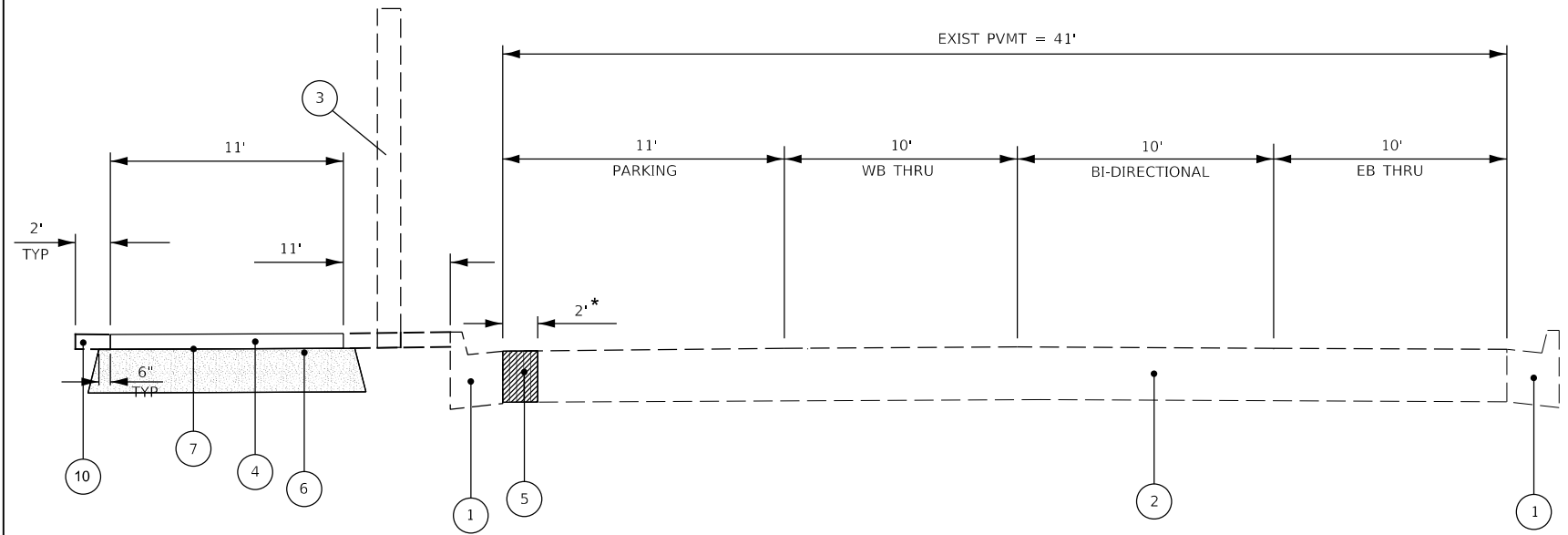
**GREGORY STREET
TRAIL EXTENSION**



**PROPOSED TYPICAL SECTIONS
(2 OF 3)**

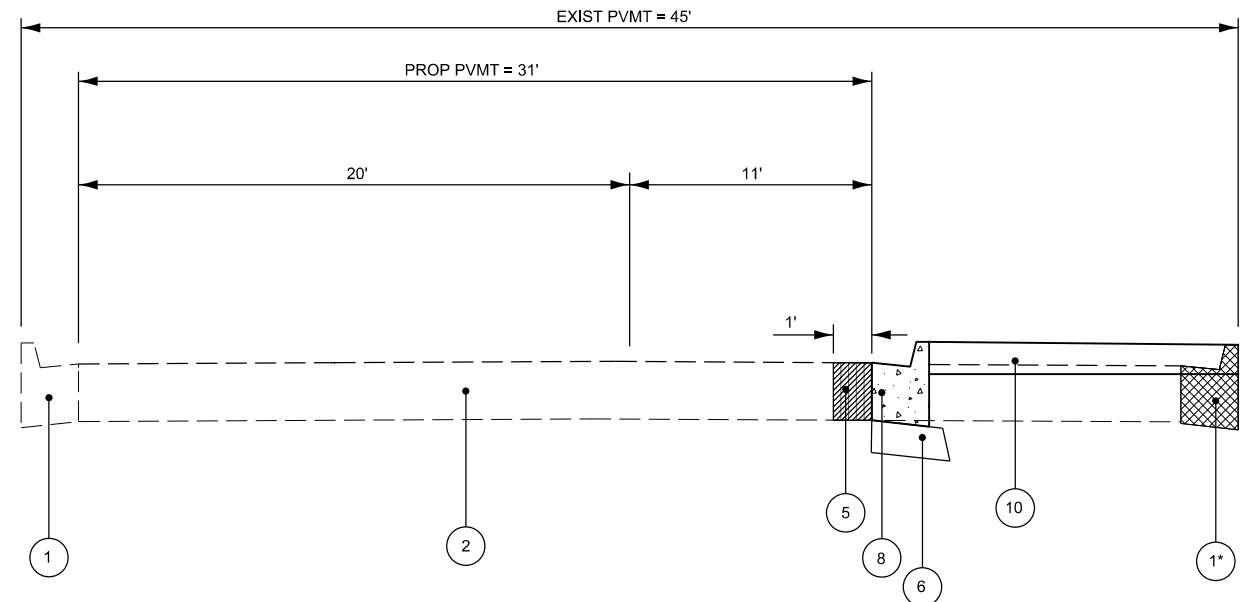
CONTRACT NO. 91620

SHEET
5 OF 65



**PROP TYPICAL SECTION - GREGORY ST
(PARKING LANE)**

* FROM STA 38+35.0 TO STA 40+12.4
 FROM STA 43+84.0 TO STA 46+74.1
 FROM STA 46+74.1 TO STA 50+42.2



**PROP TYPICAL SECTION - ADELAIDE ST
(NORTHWEST SIDE)**

FROM STA 20+40.9 TO STA 21+24.9

LEGEND

- ① EXISTING CONCRETE CURB & GUTTER
- ①* EXISTING CONCRETE CURB & GUTTER (TO BE REMOVED)
- ② EXISTING HOT-MIX ASPHALT BASE COURSE
- ②* MILLED PCC BASE & HMA OVERLAY
- ③ EXISTING UTILITY POLE
- ④ PROPOSED HOT-MIX ASPHALT, 2"
- ⑤ PROPOSED HOT-MIX ASPHALT BASE COURSE, 9"
- ⑥ PROPOSED AGGREGATE BASE COURSE 6"
PROPOSED AGGREGATE BASE COURSE 4" (CURB & GUTTER)
- ⑦ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑧ PROPOSED CONCRETE CURB & GUTTER, TYPE B-6.12
PROPOSED CONCRETE CURB & GUTTER, TYPE B-6.18 (ADA RAMPS)
- ⑨ PROPOSED TURFED DITCH
- ⑩ PROPOSED TOPSOIL FURNISH AND PLACE, 4" AND SEEDING, CLASS 1 (1A)

▨ PAVEMENT REMOVAL

MODEL: D:\data\Gregory St_SUP - PH I\Normal\CADD\CADD Sheets\5174-ash-by-rtd.dgn
 FILE NAME: 5174 - Gregory St_SUP - PH I\Normal\CADD\CADD Sheets\5174-ash-by-rtd.dgn



DESIGNED - AOF	DATE - 9-11-23
DRAWN -	
CHECKED -	
PROJECT #: - 5174	

**GREGORY STREET
TRAIL EXTENSION**



**PROPOSED TYPICAL SECTIONS
(3 OF 3)**

CONTRACT NO. 91620

**SHEET
6 OF 65**

TOPSOIL, NUTRIENTS, MULCH & SEEDING											
LOCATION				21101505	25000400	25000500	25000600	25000100	25000110	25100125	28000250
STATION	TO	STATION	SIDE	TOPSOIL EXCAVATION AND PLACEMENT	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SEEDING, CLASS 1	SEEDING, CLASS 1A	MULCH, METHOD 3	TEMPORARY EROSION CONTROL SEEDING
				CU YD	POUND	POUND	POUND	ACRE	ACRE	ACRE	POUND
PARKSIDE RD ALIGNMENT											
46+28.3	TO	46+28.2	RT	0.5	0.1	0.1	0.1		0.106	0.106	0.30
SHARED-USE PATH ALIGNMENT											
10+76.0	TO	24+07.1	LT & RT	208.4	35	35	35	0.375			116.3
24+29.5	TO	37+52.0	LT & RT	261.5	44	44	44	0.345	0.148	0.148	145.9
37+74.7	TO	40+76.8	LT & RT	72.8	12	12	12	0.060	0.027	0.027	40.6
41+20.4	TO	51+51.6	LT & RT	186.1	31	31	31	0.119	0.134	0.134	103.8
51+80.3	TO	64+36.0	LT & RT	111.5	19	19	19	0.126	0.079	0.079	62.2
GREGORY ST ALIGNMENT											
64+07.3			LT	1.3	0.21	0.21	0.21	0.001	0.001	0.001	0.7
77+61.4			LT	0.4	0.07	0.07	0.07	0.001	0.000	0.000	0.2
TOTAL				842.6	141.0	141.0	141.0	1.0	0.5	0.5	470
USE				843	142	142	142	2	1	1	471

SEEDING NUTRIENTS RATE OF APPLICATION: 90 LBS/ACRE
 TEMPORARY EROSION CONTROL SEEDING RATE OF APPLICATION: 100 LBS/ACRE; 3 APPLICATIONS

EARTHWORK					
LOCATION			20200100		
STATION	TO	STATION	EARTH EXCAVATION	SUITABLE EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT
			CU YD	CU YD	CU YD
SHARED USE-PATH ALIGNMENT					
10+64.24	TO	25+00	223	168	396
25+00	TO	64+26	1075	807	778
TOTAL			1299	974	1174
USE			1300	975	1175

SHRINKAGE FACTORS: 25%
 EARTH EXCAVATION:
 COLUMN 1, 2 & 4 - LOCATION AND QUANTITIES FROM CROSS SECTIONS.
 CUT = EARTH EXCAVATION AND FILL = EMBANKMENT
 COLUMN 3 = COLUMN 2 x (1 - EARTH EXCAVATION SHRINKAGE FACTOR)
 COLUMN 5 (FURNISHED EXCAVATION) = COLUMN 3 - COLUMN 4

TREES								
LOCATION		A2001724	A2002516	A2002884	A2005616	A2007624	A2007824	B2001116
STATION	SIDE	TREE, ACER SACCHARUM (SUGAR MAPLE) 3" CALIPER, BALLED AND BURLAPPED (ASG)	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED (CCA)	TREE, CELTIS OCCIDENTALIS CHICAGOLAND (HACKBERRY), 3" CALIPER, BALLED AND BURLAPPED (CO)	TREE, OSTRYA VIRGIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND BURLAPPED (OV)	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 3" CALIPER, BALLED AND BURLAPPED (TD)	TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 3" CALIPER, BALLED AND BURLAPPED (TA)	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED (CC)
		EACH	EACH	EACH	EACH	EACH	EACH	EACH
SHARED-USE PATH ALIGNMENT								
12+10.0	RT				3			
12+70.0	LT					3		
14+10.0	LT						2	1
15+10.0	RT							3
17+20.0	LT		2	1				
19+40.0	LT	3						
21+80.0	LT			2	1			
23+20.0	LT			2				1
26+00.0	LT	3						
30+30.0	LT							3
TOTAL		6	2	5	4	3	2	8
USE		6	2	5	4	3	2	8

PAVEMENT										
LOCATION					35300400	35101800	40604050	40600275		
STATION	TO	STATION	SIDE	LENGTH	PCC BASE COURSE 9"	AGGREGATE BASE COURSE, TYPE B 6"	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 (2")	BITUMINOUS MATERIALS (PRIME COAT)		
					FT	SQ YD	SQ YD	TON	POUND	
PARKSIDE RD ALIGNMENT										
46+21.9	TO	46+34.8	LT	12.94	1.6					3.5
46+23.2	TO	46+35.2	RT	12.02	1.6					3.5
GREGORY ST ALIGNMENT										
64+02.9	TO	64+11.7	LT	8.86	1.1					2.4
77+56.4	TO	78+82.1	LT	125.74	13.9					31.3
80+52.6	TO	83+19.0	LT	266.37	29.7					66.8
83+19.0	TO	87+15.9	LT	396.94	88.8					199.8
90+83.6	TO	91+43.1	LT	59.55	6.7					15.0
91+43.1	TO	95+18.6	LT	375.48	82.9					186.6
95+18.6	TO	97+93.7	LT	275.06	30.6					68.8
97+93.7	TO	103+38.3	LT	544.59	129.2					290.8
103+38.3	TO	104+50.4	LT	112.13	12.9					29.1
ADELAIDE ST ALIGNMENT										
20+40.9	TO	21+31.7	RT	90.81	12.9					29.0
SHARED-USE PATH ALIGNMENT										
10+76.0	TO	37+37.2	PATH	2661.24		3252.6	331.2			6653.1
37+91.0	TO	40+62.8	PATH	271.74		332.1	33.8			679.4
41+30.4	TO	51+42.4	PATH	1011.98		1236.9	125.9			2530.0
51+96.4	TO	56+09.8	PATH	413.36		505.2	51.4			1033.4
56+60.9	TO	59+54.9	PATH	293.98		359.3	36.6			735.0
60+14.0	TO	65+23.9	PATH	509.88		623.2	63.5			1274.7
TOTAL					411.7	6309.3	642.4			13831.9
USE					412	6310	643			13832

PERIMETER EROSION BARRIER				
LOCATION				28000400
STATION	TO	STATION	SIDE	LENGTH
				FOOT
SHARED-USE PATH ALIGNMENT				
10+00	TO	10+12.4	LT	12.4
10+63.4	TO	20+00	LT	936.6
22+25	TO	25+25	LT	279.0
28+00	TO	29+00	LT	100.0
34+50	TO	55+00	LT	1964.0
57+50	TO	58+75	LT	125.0
60+75	TO	62+75	LT	200.0
TOTAL				3617.0
USE				3617

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH					
LOCATION		35101600	42300400		
STATION	SIDE	AGGREGATE BASE COURSE, TYPE B 4"	PCC DRIVEWAY PAVEMENT 8 INCH		
		SQ YD	SQ YD		
GREGORY ST ALIGNMENT					
64+65.4	LT	60.8	58.3		
78+10.2	LT	132.8	127.3		
81+41.6	LT	133.4	138.1		
92+08.5	LT	322.4	307.9		
96+70.1	LT	90.4	82.6		
100+22.9	LT	109.1	100.5		
TOTAL		848.9	814.7		
USE		849	815		

RELOCATE EXISTING MAILBOX		
LOCATION		X0327301
STATION	SIDE	EACH
GREGORY ST ALIGNMENT		
92+36.8	LT	1
TOTAL		1
USE		1

TRENCH BACKFILL				
LOCATION				20800150
STATION	TO	STATION	SIDE	CU YD
GREGORY ST ALIGNMENT				
64+07.3	TO	64+12.3	LT	1.9
83+25.8	TO	87+10.0	LT	13.2
91+50.2	TO	95+11.7	LT	56.7
91+50.2	TO	104+71.5	LT	205.4
TOTAL				275.3
USE				276

MODEL: Default; FILE NAME: W35174 - Gregory St. SUP - PH; I:\Normal\CADD\CADD_Sheets\3174-shc-schedules.dgn



DESIGNED - AOF DATE - 9-11-23
 DRAWN -
 CHECKED -
 PROJECT #: - 5174

GREGORY STREET TRAIL EXTENSION



SCHEDULES OF QUANTITIES (1 OF 3)

CONTRACT NO. 91620

SHEET 7 OF 65

CURB AND GUTTER									
LOCATION					NOTE	60603800	60604400	35101600	
STATION	TO	STATION	SIDE	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12		COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	AGGREGATE BASE COURSE, TYPE B 4"		
					FOOT	FOOT	SQ YD		
PARKSIDE RD ALIGNMENT									
46+21.9	TO	46+34.8	LT	DEPRESSED		14.0	4.0		
46+23.2	TO	46+35.2	RT	DEPRESSED		14.0	4.0		
GREGORY ST ALIGNMENT									
64+02.9	TO	64+11.7	LT	DEPRESSED		9.0	2.6		
77+56.4	TO	77+65.4	LT	DEPRESSED	9.0		2.1		
77+65.4	TO	77+88.8	LT		23.4		5.4		
ENT STA 78+10.2					LT	DEPRESSED	42.1	9.8	
ENT STA 78+10.3						EDGES	52.7	12.2	
78+31.0	TO	78+79.2	LT		50.7		11.7		
80+55.6	TO	81+17.2	LT		64.7		15.0		
ENT STA 81+41					LT	DEPRESSED	48.6	11.3	
81+65.9	TO	84+27.3			255.3		59.1		
90+86.6	TO	91+19.4	LT		35.8		8.3		
91+19.4	TO	91+28.4	LT	DEPRESSED	9.0		2.1		
91+28.4	TO	91+84.6	LT		53.2		12.3		
ENT STA 92+08.5					LT	DEPRESSED	48.1	11.1	
ENT STA 92+08.5					LT	EDGES	81.4	18.8	
ENT STA 92+08.5					LT	DEPRESSED	12.0	2.8	
92+32.7	TO	96+45.9	LT		404.2		93.6		
96+45.9	TO	96+94.2	LT	DEPRESSED	48.3		11.2		
ENT STA 96+69.9					LT	DEPRESSED	48.0	11.1	
ENT STA 96+69.9					LT	EDGES	13.6	3.1	
96+94.2	TO	99+97.1	LT		296.8		68.7		
ENT STA 100+22.9					LT	DEPRESSED	52.0	12.0	
ENT STA 100+22.10					LT	EDGES	19.8	4.6	
100+49.1	TO	104+43.8	LT		385.71		89.3		
104+43.8	TO	104+52.8	LT	DEPRESSED	9.0		2.1		
ADELAIDE ST ALIGNMENT									
20+41.0	TO	21+12.5	RT		71.6		16.6		
21+12.5	TO	21+26.5	RT	DEPRESSED	14.0		3.2		
TOTAL					2063.5	37.0	508.1		
USE					2064	37	509		

TEMPORARY PAVEMENT MARKING										
LOCATION					70306120		70306210			
STATION	TO	STATION	SIDE	TYPE III TAPE						
				LINE 4"						LINE 24"
				SOLID			DOTTED		SOLID	STOP BAR
				CENTERLINE	EDGE LINE	LANE LINE	WHITE	WHITE	WHITE	
DOUBLE YELLOW					WHITE		WHITE		WHITE	
FOOT										
GREGORY ST ALIGNMENT										
76+41.9	TO	104+39.7	LT & RT		6155.2					
76+41.9	TO	N ADELAIDE ST	LT & RT			3300.2			14.0	
N ADELAIDE ST	TO	108+10.9	LT			502.6	37.4		15.2	
TOTAL					6155.2	3802.8	37.4	29.2		
USE						9996		30		

PORTLAND CEMENT CONCRETE SIDEWALK & DETECTABLE WARNINGS						
LOCATION			35101600	42400300	42400800	
STATION	SIDE	AGGREGATE BASE COURSE, TYPE B 4"	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	DETECTABLE WARNINGS		
			SQ YD	SQ FT	SQ FT	
PARKSIDE RD ALIGNMENT						
46+28.33	RT	14.7	120.9	20.0		
46+28.33	LT	13.1	108.2	20.0		
GREGORY ST ALIGNMENT						
64+07.47	LT	19.0	141.9	10.0		
77+61.56	LT	16.3	109.6	10.0		
91+24.05	LT	10.7	80.2	10.0		
104+51.83	LT	30.0	25.0	10.0		
ADELAIDE ST ALIGNMENT						
21+20.8	RT	17.5	142.7	38.1		
SHARED-USE PATH ALIGNMENT						
24+05.9	PATH			20.0		
24+36.4	PATH			20.0		
37+50.0	PATH	15.3	125.0	20.0		
37+74.7	PATH	18.3	150.0	20.0		
40+76.8	PATH	17.1	140.0	20.0		
41+20.4	PATH	12.2	100.0	20.0		
51+50.4	PATH	9.8	80.0	21.7		
51+81.4	PATH	18.3	150.0	20.2		
56+10.8	PATH	8.6	70.0	20.0		
56+53.9	PATH	8.6	70.0	20.0		
59+61.9	PATH	8.6	70.0	20.0		
60+09.0	PATH	6.1	50.0	20.0		
TOTAL			244.0	1733.5	360.0	
USE			244	1734	360	

INLETS						
LOCATION				60235300	X6024240	
STATION	OFFSET	SIDE	STRUCTURE #	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	INLETS (SPECIAL)	
				EACH		
GREGORY ST ALIGNMENT						
83+25.8	10.6'	LT	S1		1	
84+76.8	27.3'	LT	S2	1		
87+10.0	26.9'	LT	S3	1		
91+50.2	10.6'	LT	S4		1	
92+81.7	10.6'	LT	S5		1	
93+96.7	10.5'	LT	S6		1	
95+11.7	10.5'	LT	S7		1	
98+00.7	10.5'	LT	S8		1	
99+60.7	10.5'	LT	S9		1	
101+20.7	10.5'	LT	S10		1	
102+80.9	10.4'	LT	S11		1	
103+31.2	10.9'	LT	S12		1	
ADELAIDE ST ALIGNMENT						
20+40.6	21.1'	RT	S13		1	
20+40.6	27.0'	RT	S14	1		
TOTAL				3	11	
USE				3	11	

INLET AND PIPE PROTECTION & INLET FILTERS						
LOCATION			2800500	2800510		
STATION	OFFSET	SIDE	INLET AND PIPE PROTECTION EACH	INLET FILTERS EACH		
PARKSIDE RD ALIGNMENT						
46+47.8	23.6'	RT		1		
GREGORY ST ALIGNMENT						
51+29.1	18.6'	LT	1			
54+34.7	13.8'	LT	1			
58+36.6	13.1'	LT	1			
61+86.3	12.9'	LT	1			
64+80.7	11.6'	LT	1			
83+26.0	9.8'	LT		1		
87+10.1	20.4'	LT		1		
91+50.1	9.9'	LT		1		
91+32.5	24.4'	LT		1		
92+81.7	10.6'	LT	1			
93+96.6	9.8'	LT	1			
95+11.6	9.8'	LT	1			
98+00.6	9.8'	LT		1		
99+60.6	9.8'	LT	1			
101+20.7	9.8'	LT	1			
102+80.8	9.7'	LT	1			
103+30.9	10.4'	LT		1		
105+62.0	32.5'	LT		1		
TOTAL			11	9		
USE			11	9		
ADELAIDE ST ALIGNMENT						
20+40.6	21.1'	RT		1		
TOTAL				1		
USE				1		

PIPE CULVERT				
LOCATION		542A0217	54213447	
STATION	SIDE	PIPE CULVERTS, CLASS A, TYPE 1 12"	END SECTIONS 12"	
		FOOT	EACH	
GREGORY ST ALIGNMENT				
64+07.34	LT	12.0	2	
SHARED-USE PATH ALIGNMENT				
24+42.1	LT & RT	18.8		
TOTAL		30.8	2	
USE		31	2	

INLETS TO BE ADJUSTED				
LOCATION				60260100
STATION	OFFSET	SIDE	EACH	
GREGORY ST ALIGNMENT				
91+50.1	21.2'	LT	1	
103+30.7	21.2'	LT	1	
TOTAL				2
USE				2

STORM SEWER PIPES								
LOCATION						550A0050	Z0056648	
STATION	OFFSET	TO	STATION	OFFSET	SIDE	STORM SEWERS, CLASS A, TYPE 1, 12"	STORM SEWERS, TYPE 1, (WMQP) 12"	
						FOOT		
GREGORY ST ALIGNMENT								
83+25.8	10.6'	TO	84+76.8	27.3'	LT	151.9		
84+76.8	27.3'	TO	87+10.0	26.9'	LT	233.2		
87+10.0	26.9'	TO	87+10.0	21.3'	LT	4.6		
91+50.2	10.6'	TO	92+81.7	10.6'	LT		135.4	
92+81.7	10.6'	TO	93+96.7	10.5'	LT	115.0		
93+96.7	10.5'	TO	95+11.7	10.5'	LT	115.0		
98+00.7	10.5'	TO	99+60.7	10.5'	LT	160.0		
99+60.7	10.5'	TO	101+20.7	10.5'	LT	160.0		
101+20.7	10.5'	TO	102+80.9	10.4'	LT	160.2		
102+80.9	10.4'	TO	103+31.2	10.9'	LT	50.3		
104+67.8	113.8'	TO	104+72.1	114.7'	LT	6.0		
ADELAIDE ST ALIGNMENT								
20+40.6	21.1'	TO	20+40.6	27.0'	RT	6.0		
TOTAL						1162.1	135.4	
USE						1163	136	

MODEL: Default
FILE NAME: W3517A - Gregory St. SUP - PH LH (Normal)CADD Sheets17A-shc-schedules.dgn



DESIGNED - AOF DATE - 9-11-23
DRAWN - 7
CHECKED -
PROJECT #: - 5174

GREGORY STREET TRAIL EXTENSION



SCHEDULES OF QUANTITIES (2 OF 3)

CONTRACT NO. 91620

SHEET
8 OF 65

PAVEMENT MARKING REMOVAL - WATER BLASTING							
LOCATION				78300202			
STATION	TO	STATION	SIDE	LINE 4"		LINE 6"	
				SOLID		SKIP DASH	
				LENGTH	DOUBLE CENTER LINE	LENGTH	LANE LINE
				FT	SQ FT	FT	SQ FT
GREGORY ST ALIGNMENT							
76+41.9	TO	77+74.1	LT & RT	176	58.7	36	18.2
78+45.1	TO	80+61.9	LT & RT	477	159.0	60	29.8
81+31.5	TO	91+23.1	LT & RT	2181.5	727.2	273	136.4
91+88.3	TO	94+03.4	LT & RT	473.2	157.7	59	29.6
94+78.1	TO	96+67.1	LT & RT	415.8	138.6	52	26.0
97+30.3	TO	104+24.1	RT			191	95.4
97+30.3	TO	104+61.4	LT & RT	1608.4	536.1		
NORTH SIDE OF N ADELAIDE ST				154	51.3		
SOUTH SIDE OF N ADELAIDE ST				356.4	118.8		
N ADELAIDE ST			TO	108+23.5	LT & RT	55	27.5
TOTAL					1947.4		362.9
USE					2311		

PAVEMENT REMOVAL				
LOCATION				44000100
STATION	TO	STATION	SIDE	SQ YD
PARKSIDE RD ALIGNMENT				
46+21.9	TO	46+34.8	LT	1.6
46+23.2	TO	46+35.2	RT	1.6
GREGORY ST ALIGNMENT				
64+02.9	TO	64+11.7	LT	1.1
77+56.4	TO	78+82.1	LT	62.8
80+52.6	TO	84+33.2	LT	451.9
90+83.6	TO	104+50.4	LT	1850.1
ADELAIDE ST ALIGNMENT				
21+31.7	TO	20+40.9	RT	88.3
TOTAL				2457.4
USE				2458

COMBINATION CURB AND GUTTER REMOVAL				
LOCATION				44000500
STATION	TO	STATION	SIDE	LENGTH FOOT
PARKSIDE RD ALIGNMENT				
46+21.9	TO	46+34.8	LT	14.0
46+23.2	TO	46+35.2	RT	14.0
GREGORY ST ALIGNMENT				
64+02.9	TO	64+11.7	LT	9.0
77+56.4	TO	77+65.4	LT	9.0
77+65.4	TO	77+74.3	LT	9.3
ENTRANCE STA 78+09.810.2				152.5
78+46.6	TO	78+79.2	LT	32.6
80+55.6	TO	81+31.3	LT	75.7
ENTRANCE STA 81+41.3				21.0
81+52.1	TO	84+27.4	LT	275.2
90+86.6	TO	91+19.4	LT	32.8
91+19.4	TO	91+28.4	LT	9.0
91+28.4	TO	91+94.5	LT	66.1
ENTRANCE STA 92+08.5				198.0
92+22.9	TO	96+53.9	LT	431.0
ENTRANCE STA 96+69.8				53.6
96+86.2	TO	100+05.7	LT	319.5
ENTRANCE STA 100+22.9				56.4
100+39.5	TO	104+43.8	LT	404.2
104+43.8	TO	104+52.8	LT	9.0
ADELAIDE ST ALIGNMENT				
20+41.0	TO	21+12.5	RT	77.0
21+12.5	TO	21+26.5	RT	14.0
TOTAL				2282.9
USE				2283

SIGNS PANELS AND TELESCOPING STEEL SIGN SUPPORT					
LOCATION			72000100	72800100	
STATION	SIDE	MUTCD SIGN DESIGNATION	SIGN SIZE (in.)	SIGN PANEL TYPE 1	TELESCOPING STEEL SIGN SUPPORT
				SQ FT	FOOT
PARKSIDE RD ALIGNMENT					
46+21.6	LT	R1-1	18X18	2.25	10.0
46+35.4	RT	R1-1	18X18	2.25	10.0
GREGORY ST ALIGNMENT					
64+49.4	LT	R1-2	18X18	2.25	10.0
64+82.6	LT	R1-2	18X18	2.25	10.0
104+31.7	LT	R1-1	18X18	2.25	10.0
TOTAL				11.25	50.0
USE				12	50

TREE REMOVAL (6 TO 15 UNITS DIAMETER)				
LOCATION				20100110
STATION	OFFSET	SIDE		UNIT
SHARED-USE PATH ALIGNMENT				
43+70.4	1.3	LT		10
43+70.4	1.3	LT		12
44+69.7	4.6	LT		9
44+69.7	4.6	LT		11
45+21.1	4.6	LT		12
52+75.1	4.0	LT		8
52+80.3	7.5	LT		7
TOTAL				69
USE				69

REMOVE FRAME AND GRATES (SPECIAL)				
LOCATION				X6050500
STATION	OFFSET	SIDE		EACH
GREGORY ST ALIGNMENT				
91+50.1	21.2'	LT		1
103+30.8	21.2'	LT		1
TOTAL				2
USE				2

DRIVEWAY PAVEMENT REMOVAL		
LOCATION		44000200
STATION	SIDE	PCC SQ YD
GREGORY ST ALIGNMENT		
64+65.4	LT	58.4
78+10.2	LT	116.5
81+41.6	LT	53.2
92+08.5	LT	242.7
96+69.9	LT	25.6
100+22.9	LT	40.3
TOTAL		536.7
USE		537

MODEL: Default
 FILE NAME: W35174 - Gregory St. SUP - PH.LH (Normal)CADD\CADD_Sheets\3174-shc-schedules.dgn



DESIGNED - AOF DATE - 9-11-23
 DRAWN -
 CHECKED -
 PROJECT #: - 5174

**GREGORY STREET
TRAIL EXTENSION**

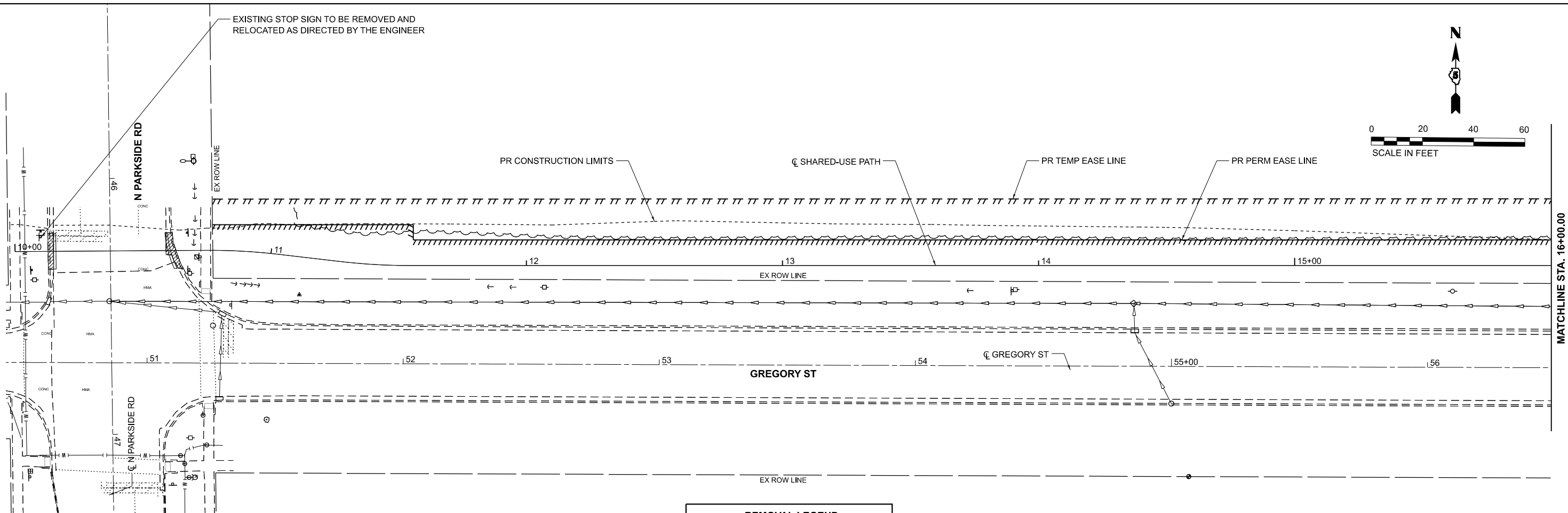
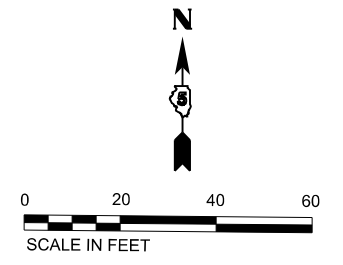


SCHEDULES OF QUANTITIES (3 OF 3)

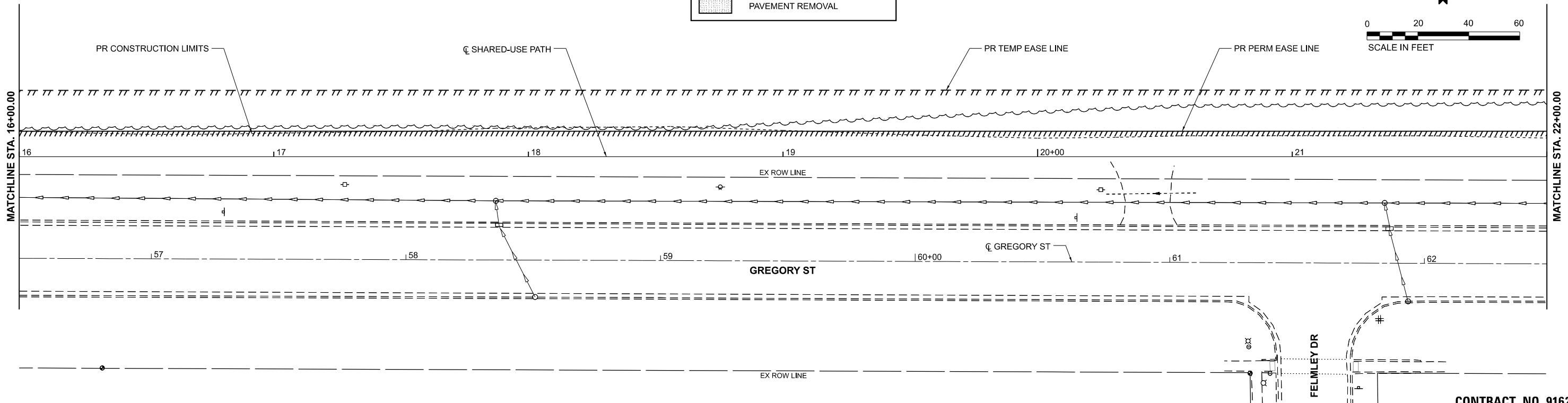
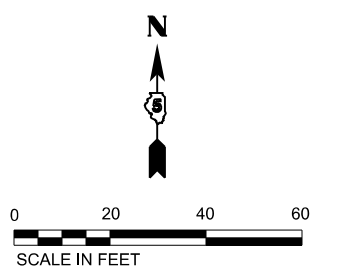
CONTRACT NO. 91620

**SHEET
9 OF 65**

EXISTING STOP SIGN TO BE REMOVED AND RELOCATED AS DIRECTED BY THE ENGINEER



REMOVAL LEGEND	
	TREE REMOVAL
	STRUCTURE REMOVAL
	CURB & GUTTER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	PAVEMENT REMOVAL



MODEL: P:\CADD\Normal\Gregory St_SUP-PH.dwg
 FILE NAME: VAS3174 - Gregory St_SUP-PH.dwg
 Normal\CADD\CADD_Sheets\3174-Subremoval.dgn



DESIGNED - AOF	DATE - 11-3-23
DRAWN - SRH	
CHECKED - RMB	
PROJECT #: - 5174	

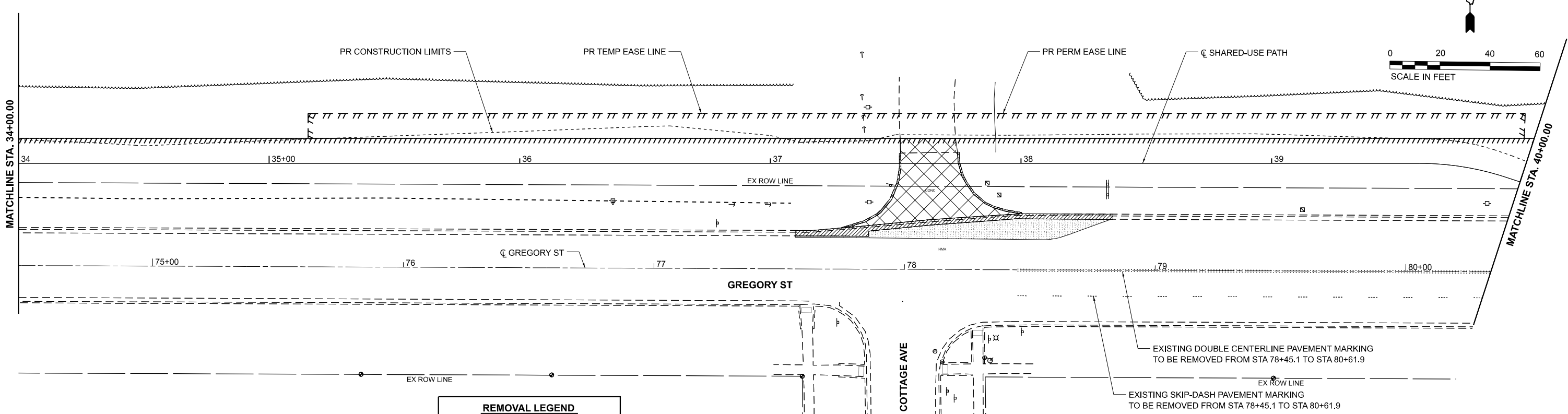
GREGORY STREET TRAIL EXTENSION



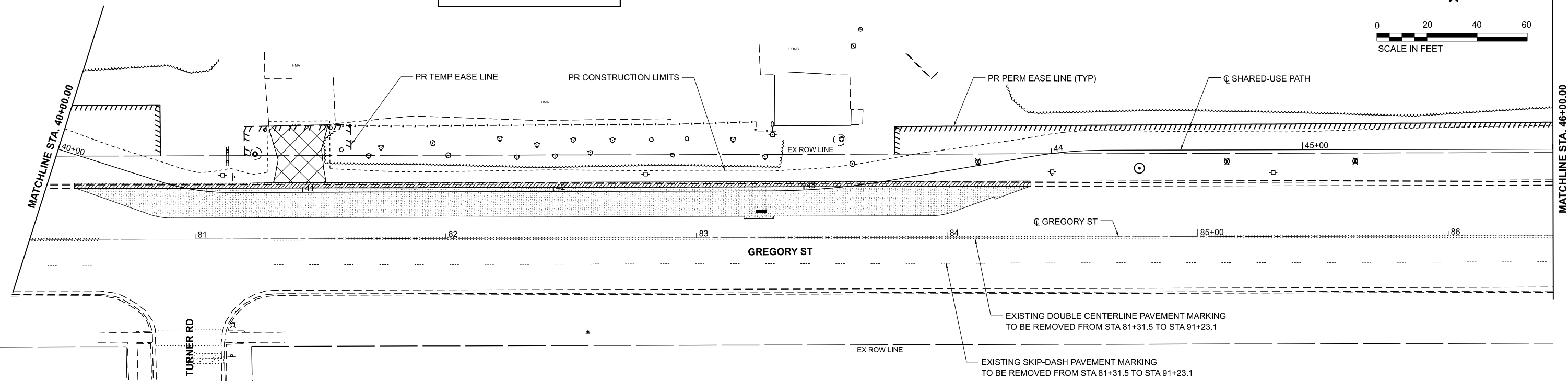
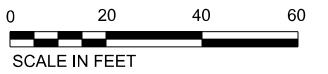
REMOVAL PLAN (1 OF 5)

CONTRACT NO. 91620

SHEET
10 OF 65



REMOVAL LEGEND	
	TREE REMOVAL
	STRUCTURE REMOVAL
	CURB & GUTTER REMOVAL
	ENTRANCE REMOVAL
	HOT-MIX ASPHALT REMOVAL



MODEL: P:\CADD\Projects\5174\Gregory St - SUP - PH.H (Normal\CADD\CADD_Sheets\5174-4-sh-removal.dgn
 FILE NAME: VAS174 - Gregory St - SUP - PH.H



DESIGNED - AOF	DATE - 11-3-23
DRAWN - SRH	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
TRAIL EXTENSION**



REMOVAL PLAN (3 OF 5)

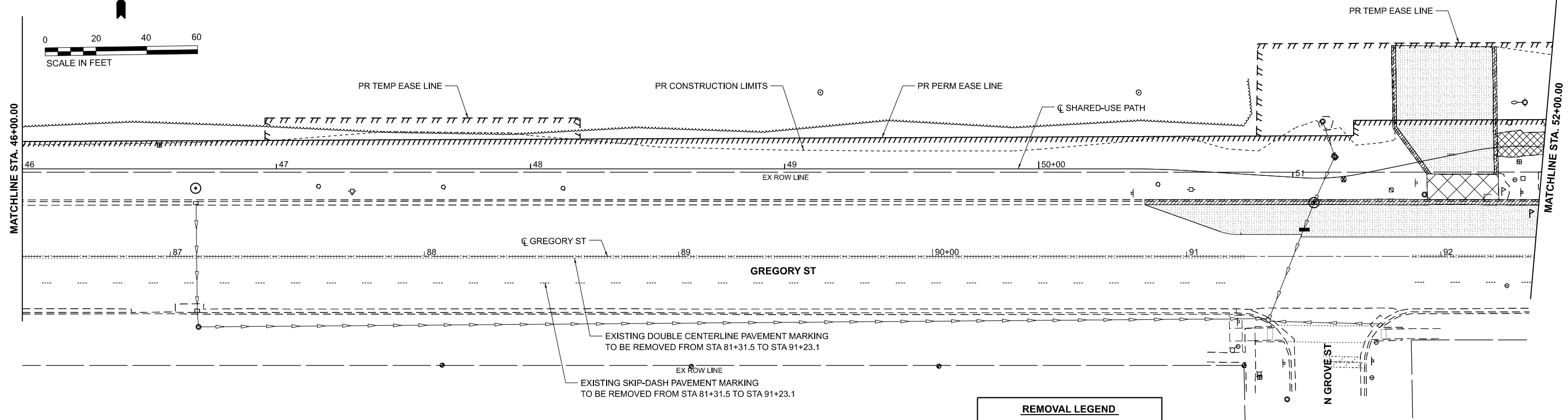
CONTRACT NO. 91620

**SHEET
12 OF 65**



MATCHLINE STA. 46+00.00

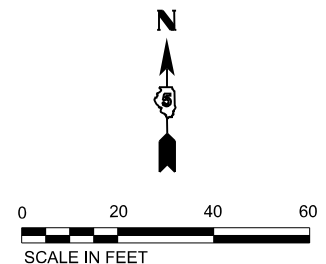
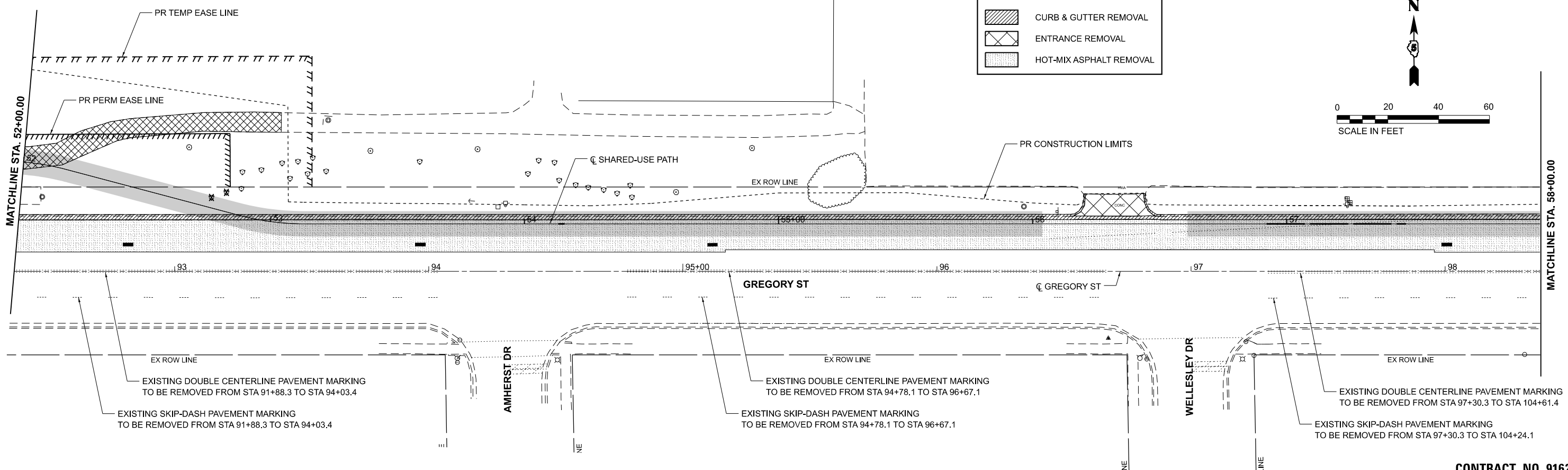
MATCHLINE STA. 52+00.00



REMOVAL LEGEND	
	TREE REMOVAL
	STRUCTURE REMOVAL
	CURB & GUTTER REMOVAL
	ENTRANCE REMOVAL
	HOT-MIX ASPHALT REMOVAL

MATCHLINE STA. 52+00.00

MATCHLINE STA. 58+00.00



MODEL: P:\CADD\91620\91620.dgn
FILE NAME: VAS174 - Gregory St - SUP - PH.dwg
Normal\CADD\CADD_Sheets\91620\91620.dwg



DESIGNED - AOF	DATE - 11-3-23
DRAWN - SRH	
CHECKED - RMB	
PROJECT #: - 5174	

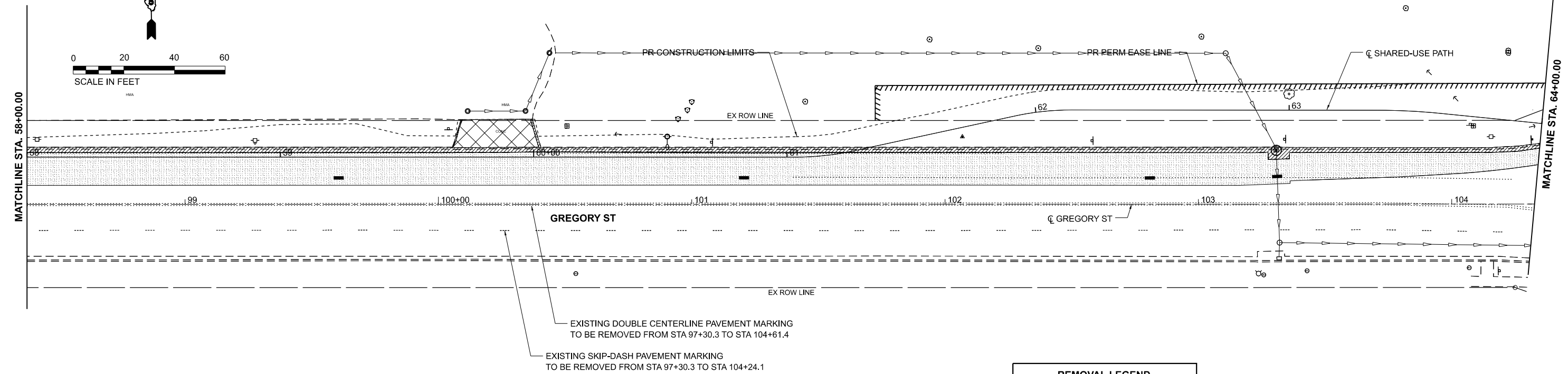
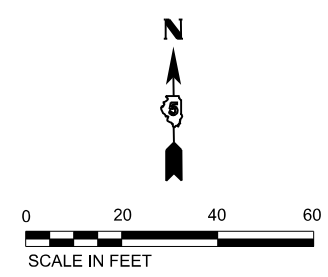
GREGORY STREET TRAIL EXTENSION



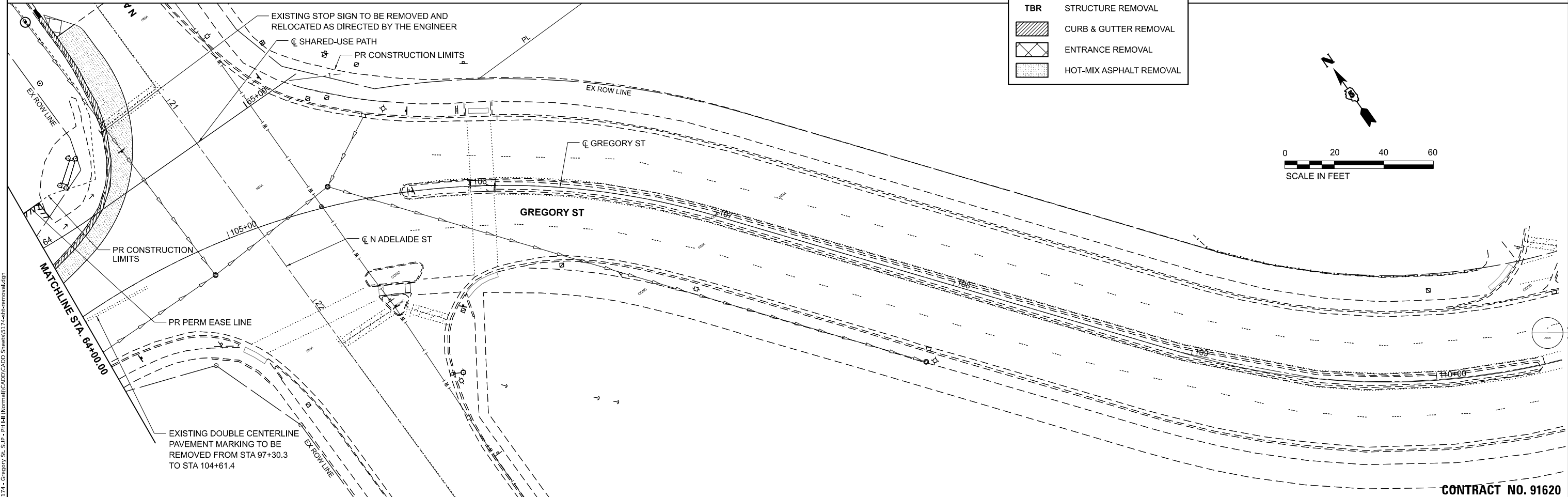
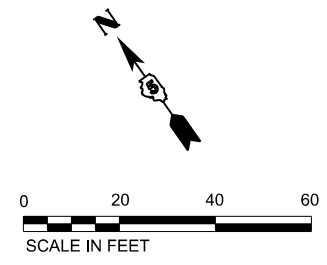
REMOVAL PLAN (4 OF 5)

CONTRACT NO. 91620

SHEET 13 OF 65



REMOVAL LEGEND	
	TREE REMOVAL
	STRUCTURE REMOVAL
	CURB & GUTTER REMOVAL
	ENTRANCE REMOVAL
	HOT-MIX ASPHALT REMOVAL



MODEL: P:\CADD\11-13-23\Gregory St_SUP-PH.dwg (Normal)\CADD\CADD_Sheets\11-13-23\chremoval.dgn
 FILE NAME: VAS174 - Gregory St_SUP-PH.dwg



DESIGNED - AOF	DATE - 11-3-23
DRAWN - SRH	
CHECKED - RMB	
PROJECT #: - 5174	

GREGORY STREET TRAIL EXTENSION

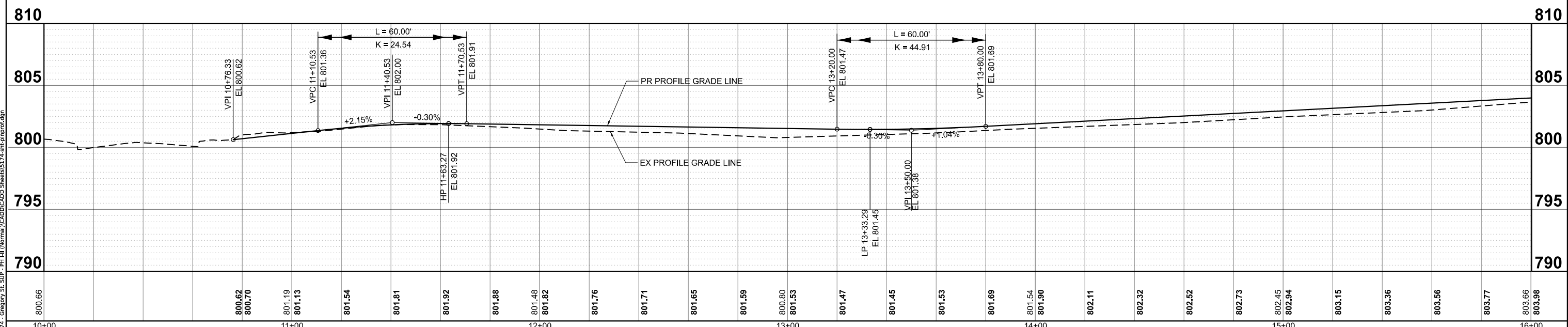
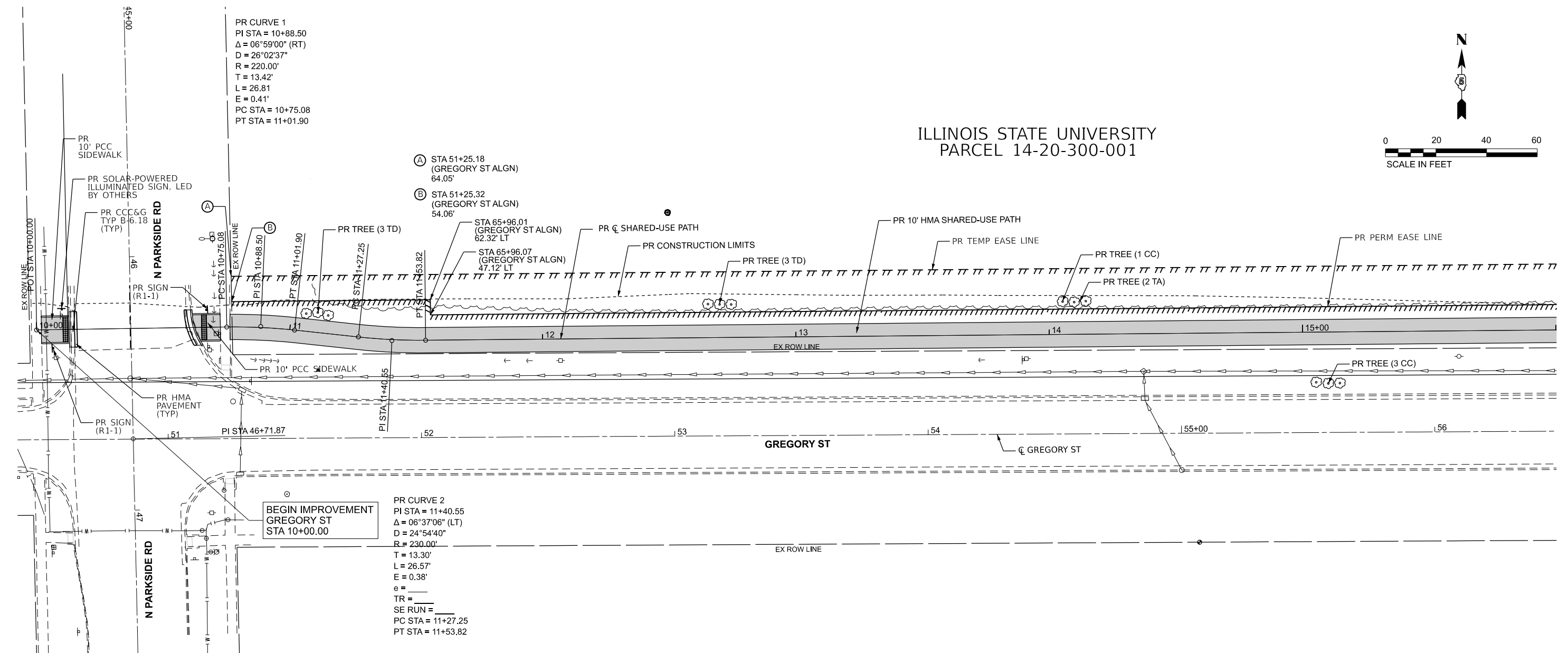
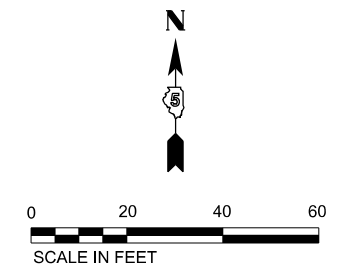


REMOVAL PLAN (5 OF 5)

CONTRACT NO. 91620

**SHEET
14 OF 65**

ILLINOIS STATE UNIVERSITY
PARCEL 14-20-300-001



MODEL: PCL-4 - Plan (1 of 10) SHEET: 15 OF 65
FILE NAME: V:\5174 - Gregory St. SUP - PH IHI (Normal)\CADD\CADD Sheets\5174-Strk-919prod.dgn



DESIGNED - AOF
DRAWN - SRH
CHECKED - RMB
PROJECT #: 5174

DATE - 11-3-23
**GREGORY STREET
TRAIL EXTENSION**

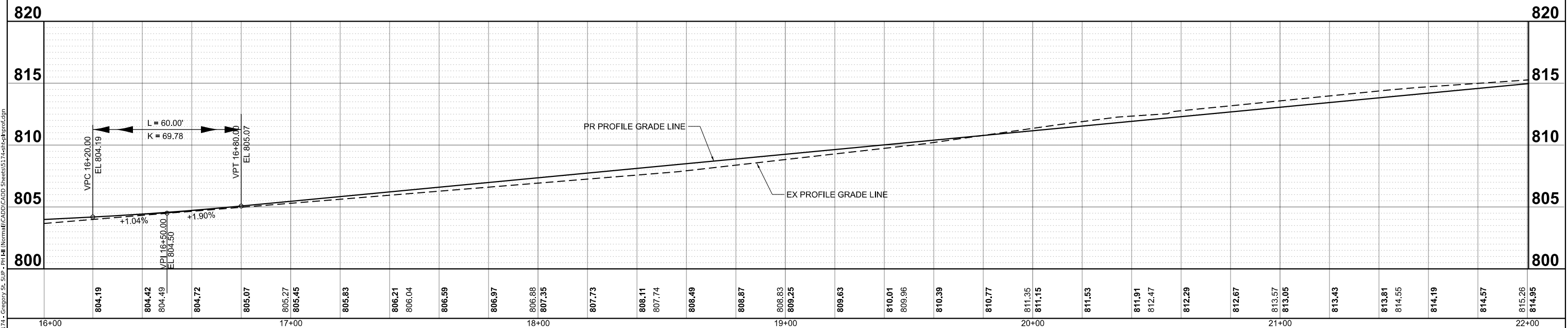
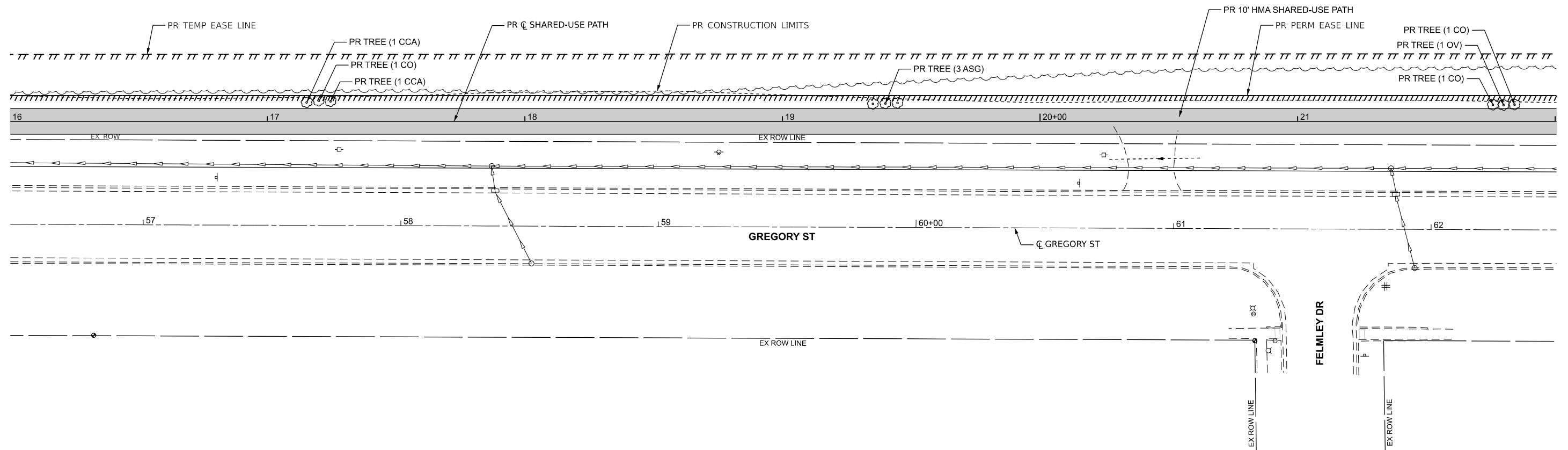
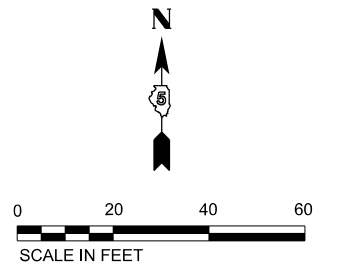


PLAN AND PROFILE (1 OF 10)

CONTRACT NO. 91620

**SHEET
15 OF 65**

ILLINOIS STATE UNIVERSITY
PARCEL 14-20-300-001



MODEL: P:\CL-4 - Phs 7 (Sheet)
FILE NAME: V03174 - Gregory St - SUP - PH.H (Normal\CADD\CADD Sheets\3174-sh-hcbprof.dgn)



DESIGNED - AOF DATE - 11-3-23
DRAWN - SRH
CHECKED - RMB
PROJECT #: - 5174

**GREGORY STREET
TRAIL EXTENSION**



PLAN AND PROFILE (2 OF 10)

CONTRACT NO. 91620

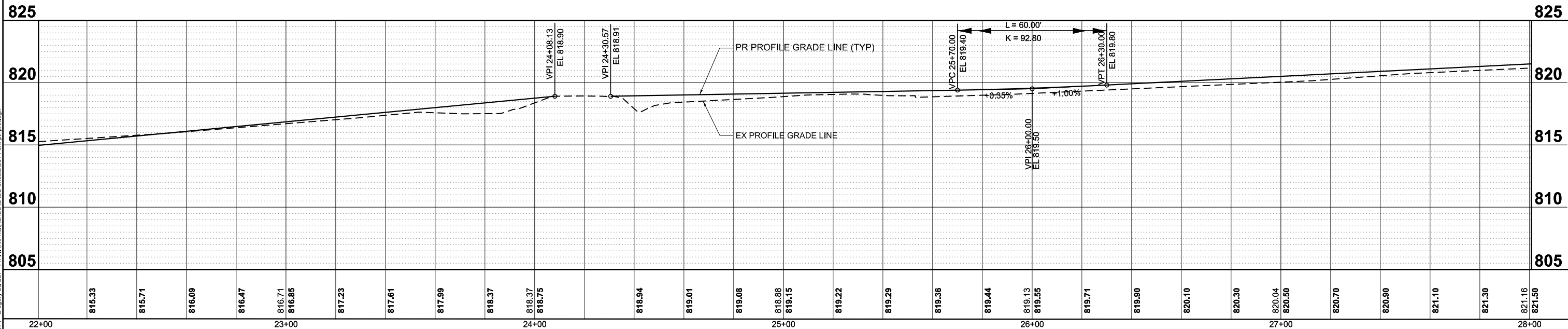
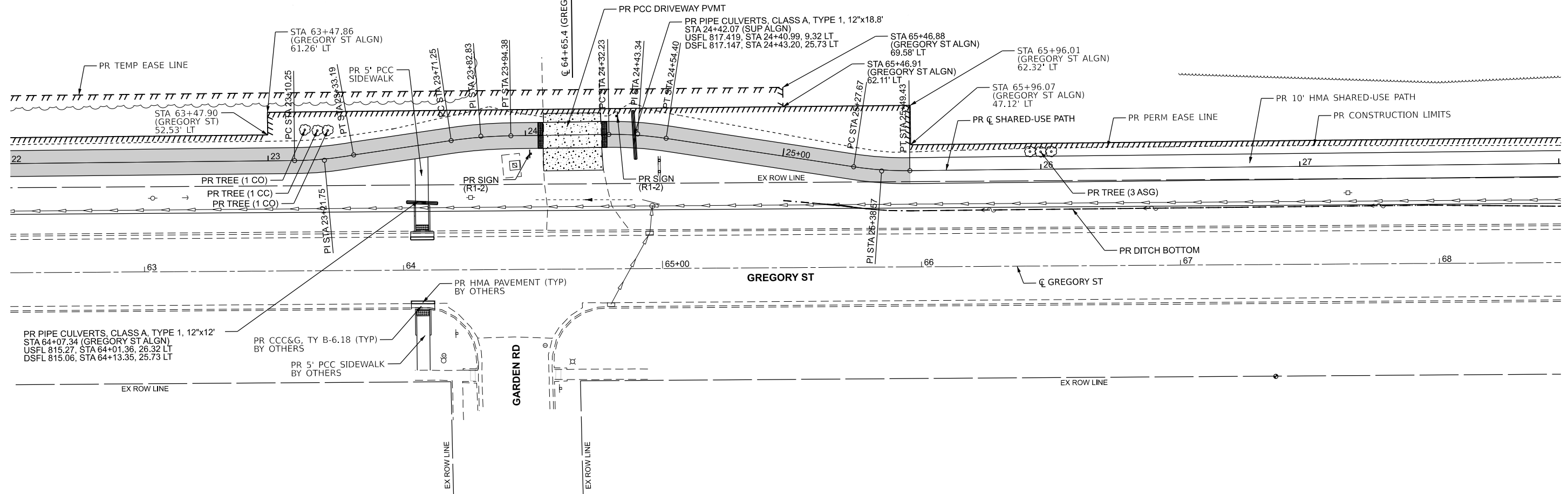
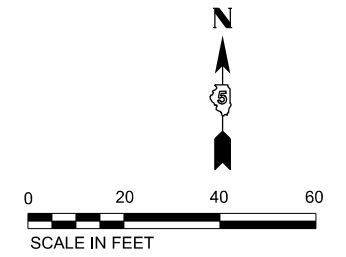
**SHEET
16 OF 65**

PR CURVE 3
 PI STA = 23+21.75
 $\Delta = 09^{\circ}44'04"$ (LT)
 $D = 42^{\circ}26'29"$
 $R = 135.00'$
 $T = 11.50'$
 $L = 22.94'$
 $E = 0.49'$
 PC STA = 23+10.25
 PT STA = 23+33.19

PR CURVE 4
 PI STA = 23+82.83
 $\Delta = 07^{\circ}34'18"$ (RT)
 $D = 32^{\circ}44'26"$
 $R = 175.00'$
 $T = 11.58'$
 $L = 23.13'$
 $E = 0.38'$
 PC STA = 23+71.25
 PT STA = 23+94.38

PR CURVE 5
 PI STA = 24+43.34
 $\Delta = 09^{\circ}24'39"$ (RT)
 $D = 42^{\circ}26'29"$
 $R = 135.00'$
 $T = 11.11'$
 $L = 22.17'$
 $E = 0.46'$
 PC STA = 24+32.23
 PT STA = 24+54.40

PR CURVE 6
 PI STA = 25+38.57
 $\Delta = 09^{\circ}14'08"$ (LT)
 $D = 42^{\circ}26'29"$
 $R = 135.00'$
 $T = 10.90'$
 $L = 21.76'$
 $E = 0.44'$
 PC STA = 25+27.67
 PT STA = 25+49.43



MODEL: P:\CL-4 - Plan 8 (Sheet)
 FILE NAME: V3374 - Gregory St, Sup - PH.H (Normal)\CADD\CADD Sheets\374-Subroad.dgn



DESIGNED - AOF DATE - 11-3-23
 DRAWN - SRH
 CHECKED - RMB
 PROJECT #: - 5174

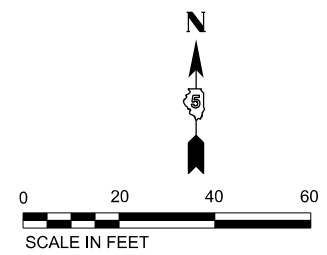
**GREGORY STREET
 TRAIL EXTENSION**



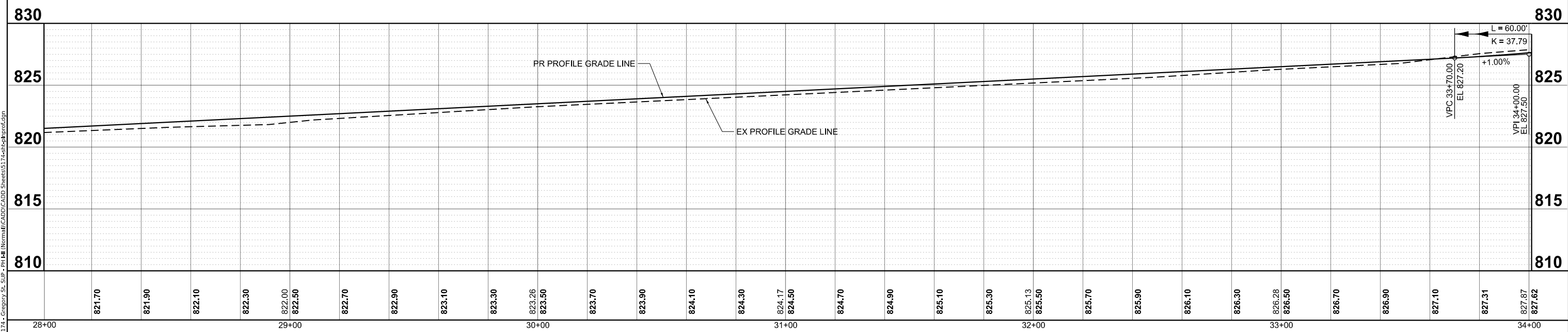
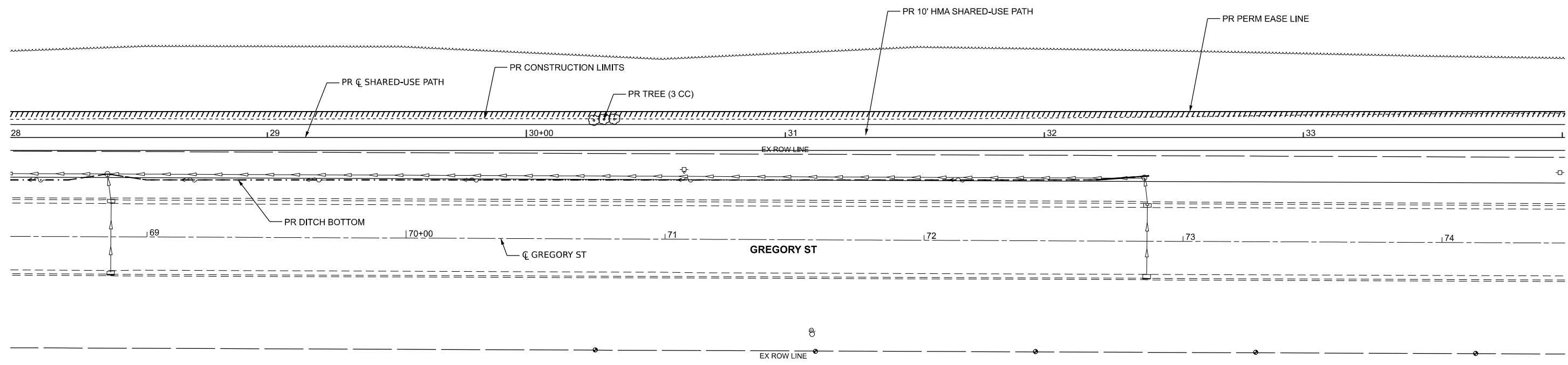
PLAN AND PROFILE (3 OF 10)

CONTRACT NO. 91620

**SHEET
 17 OF 65**



ILLINOIS STATE UNIVERSITY
PARCEL 14-20-300-001



MODEL: P:\CL-4 - Pkg 9 (Sheet)
 FILE NAME: V35174 - Gregory St - SUP - PH.HI (Normal)\CADD\CADD Sheets\3174-sh-hd-prof.dgn



DESIGNED - AOF	DATE - 11-3-23
DRAWN - SRH	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
TRAIL EXTENSION**

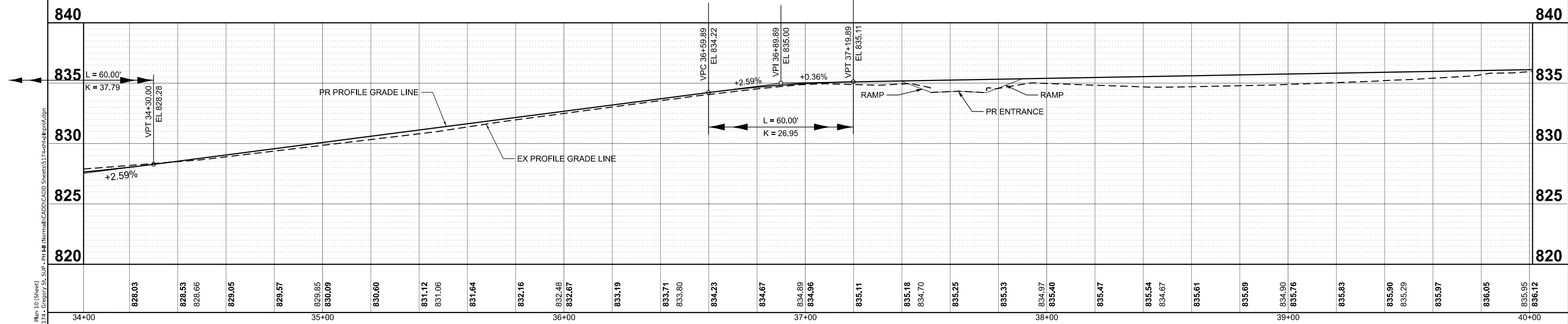
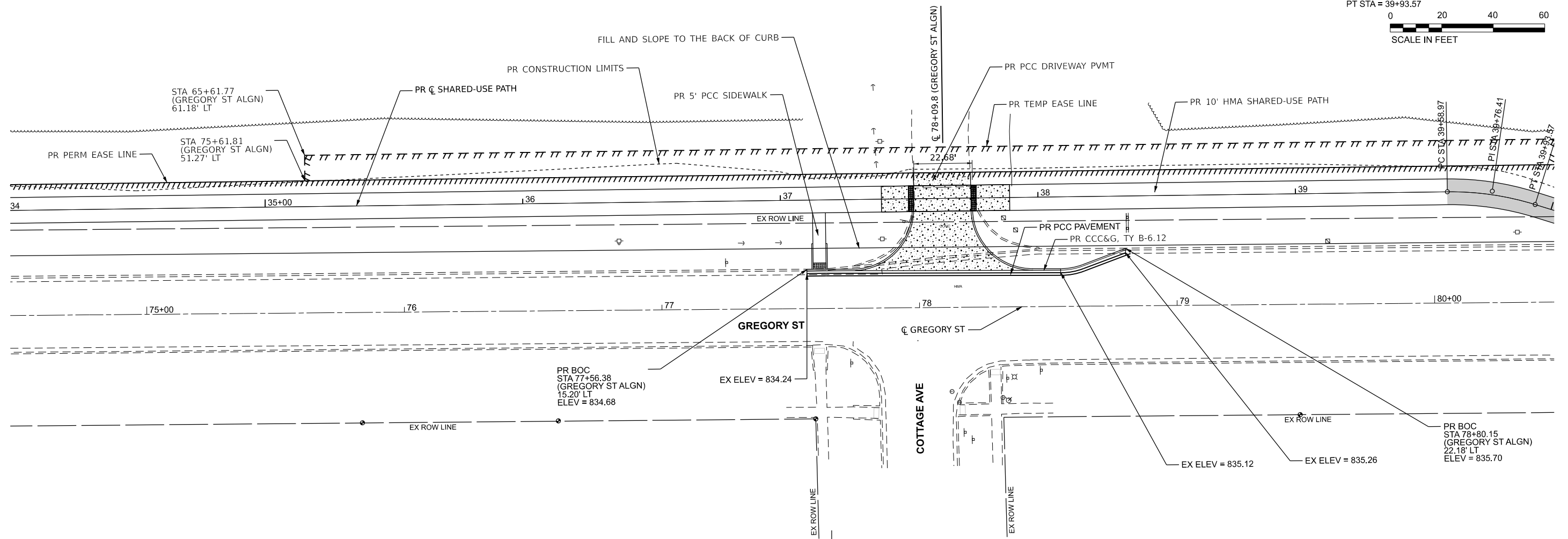
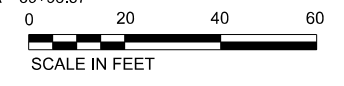


PLAN AND PROFILE (4 OF 10)

CONTRACT NO. 91620

**SHEET
18 OF 65**

PR CURVE 7
 PI STA = 39+76.41
 $\Delta = 18^{\circ}01'20''$ (RT)
 $D = 52^{\circ}05'13''$
 $R = 110.00'$
 $T = 17.44'$
 $L = 34.60$
 $E = 1.37'$
 PC STA = 39+58.97
 PT STA = 39+93.57



MODEL: P:\CL-4 - Phs 10 (Sheet)
 FILE NAME: V05174 - Gregory St - SUP - PH 11 (Normal)\CADD\CADD Sheets\174-sh-hcbprof.dgn



DESIGNED - AOF DATE - 11-3-23
 DRAWN - SRH
 CHECKED - RMB
 PROJECT #: - 5174

GREGORY STREET TRAIL EXTENSION



PLAN AND PROFILE (5 OF 10)

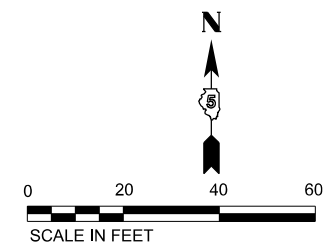
CONTRACT NO. 91620

SHEET 19 OF 65

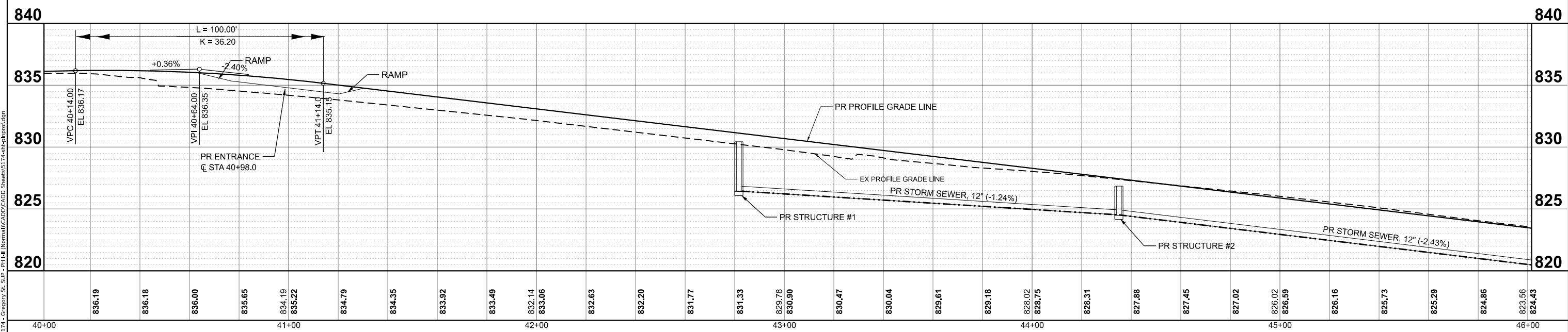
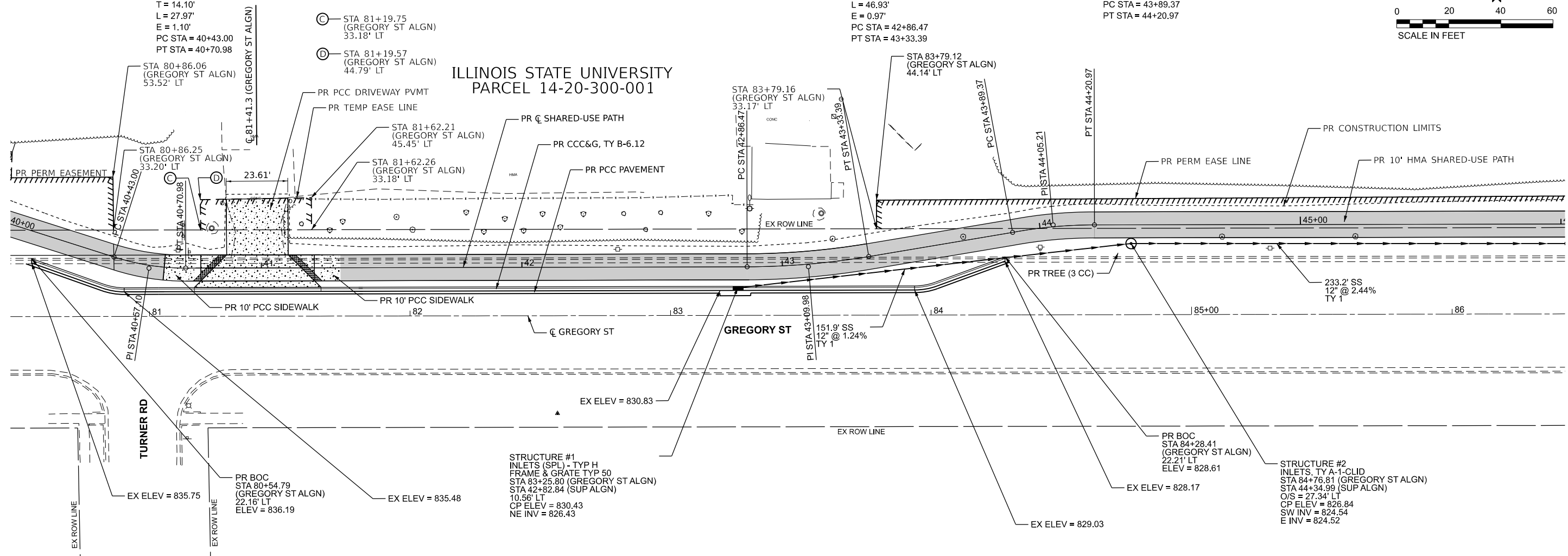
PR CURVE 8
 PI STA = 40+57.10
 $\Delta = 17^{\circ}48'24"$ (LT)
 $D = 63^{\circ}39'43"$
 $R = 90.00'$
 $T = 14.10'$
 $L = 27.97'$
 $E = 1.10'$
 PC STA = 40+43.00
 PT STA = 40+70.98

PR CURVE 9
 PI STA = 43+09.98
 $\Delta = 09^{\circ}24'03"$ (LT)
 $D = 20^{\circ}02'01"$
 $R = 286.00'$
 $T = 23.52'$
 $L = 46.93'$
 $E = 0.97'$
 PC STA = 42+86.47
 PT STA = 43+33.39

PR CURVE 10
 PI STA = 44+05.21
 $\Delta = 10^{\circ}20'38"$ (RT)
 $D = 32^{\circ}44'26"$
 $R = 175.00'$
 $T = 15.84'$
 $L = 31.59'$
 $E = 0.72'$
 PC STA = 43+89.37
 PT STA = 44+20.97



ILLINOIS STATE UNIVERSITY
 PARCEL 14-20-300-001



MODEL: P:\CL-4 - Pkg 11 (Sheet)
 FILE NAME: V03174 - Gregory St - SUP - PH.HI (Normal)\CADD\CADD Sheets\3174-sh-hcbprof.dgn



DESIGNED - AOF DATE - 11-3-23
 DRAWN - SRH
 CHECKED - RMB
 PROJECT #: - 5174

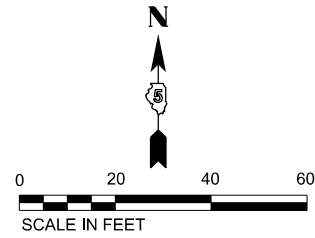
**GREGORY STREET
 TRAIL EXTENSION**



PLAN AND PROFILE SHEET (6 OF 10)

CONTRACT NO. 91620

**SHEET
 20 OF 65**



ILLINOIS STATE UNIVERSITY
PARCEL 14-20-300-001

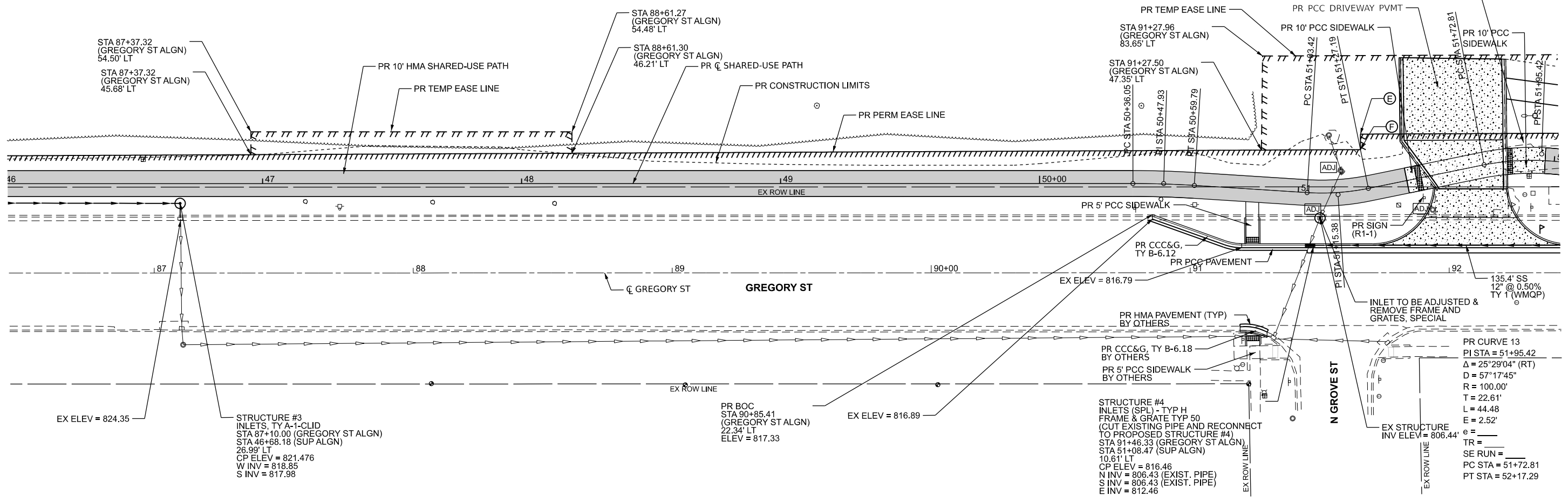
PR CURVE 11
PI STA = 50+47.93
 $\Delta = 03^{\circ}37'36''$ (RT)
D = 15°16'44"
R = 375.00'
T = 11.87'
L = 23.74'
E = 0.19'
PC STA = 50+36.05
PT STA = 50+59.79

ⓔ STA 91+65.72
(GREGORY ST ALGN)
53.50' LT

ⓕ STA 90+65.74
(GREGORY ST ALGN)
47.52' LT

PR CURVE 12
PI STA = 51+15.38
 $\Delta = 15^{\circ}08'01''$ (LT)
D = 63°39'43"
R = 90.00'
T = 11.96'
L = 23.77'
E = 0.79'
PC STA = 51+03.42
PT STA = 51+27.19 (R1-1)

ⓐ 92+08.5 (GREGORY ST ALGN)



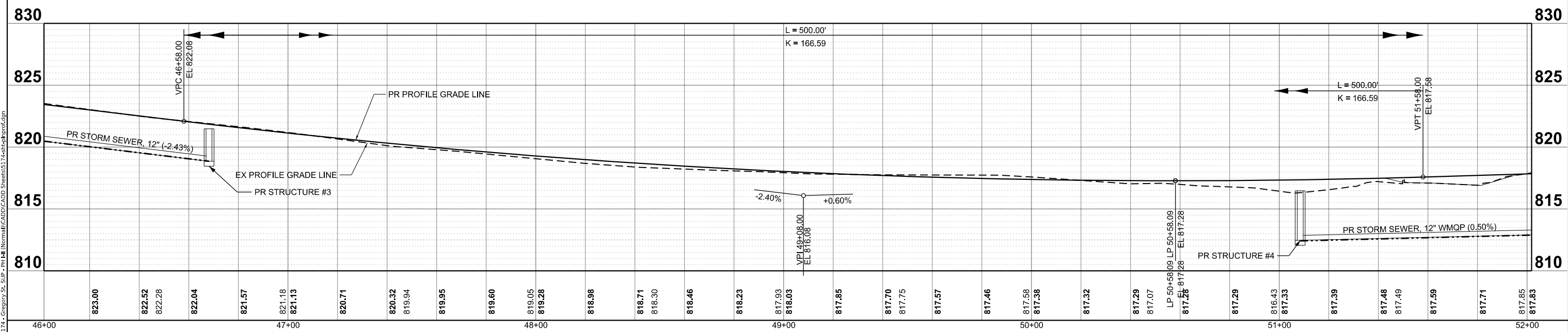
EX ELEV = 824.35

STRUCTURE #3
INLETS: TY A-1-CLID
STA 87+10.00 (GREGORY ST ALGN)
STA 46+68.18 (SUP ALGN)
26.99' LT
CP ELEV = 821.476
W INV = 818.85
S INV = 817.98

PR BOC
STA 90+85.41
(GREGORY ST ALGN)
22.34' LT
ELEV = 817.33

STRUCTURE #4
INLETS (SPL) - TYP H
FRAME & GRATE TYP 50
(CUT EXISTING PIPE AND RECONNECT
TO PROPOSED STRUCTURE #4)
STA 91+46.33 (GREGORY ST ALGN)
STA 51+08.47 (SUP ALGN)
10.61' LT
CP ELEV = 816.46
N INV = 806.43 (EXIST. PIPE)
S INV = 806.43 (EXIST. PIPE)
E INV = 812.46

PR CURVE 13
PI STA = 51+95.42
 $\Delta = 25^{\circ}29'04''$ (RT)
D = 57°17'45"
R = 100.00'
T = 22.61'
L = 44.48'
E = 2.52'
PC STA = 51+72.81
PT STA = 52+17.29



MODEL: P:\CL4 - P14 12 (Sheet)
FILE NAME: V03174 - Gregory St - SUP - P14.H (Normal)\CADD\CADD Sheets\13174-sh-hcbprof.dgn



DESIGNED - AOF DATE - 11-3-23
DRAWN - SRH
CHECKED - RMB
PROJECT # - 5174

**GREGORY STREET
TRAIL EXTENSION**



PLAN AND PROFILE (7 OF 10)

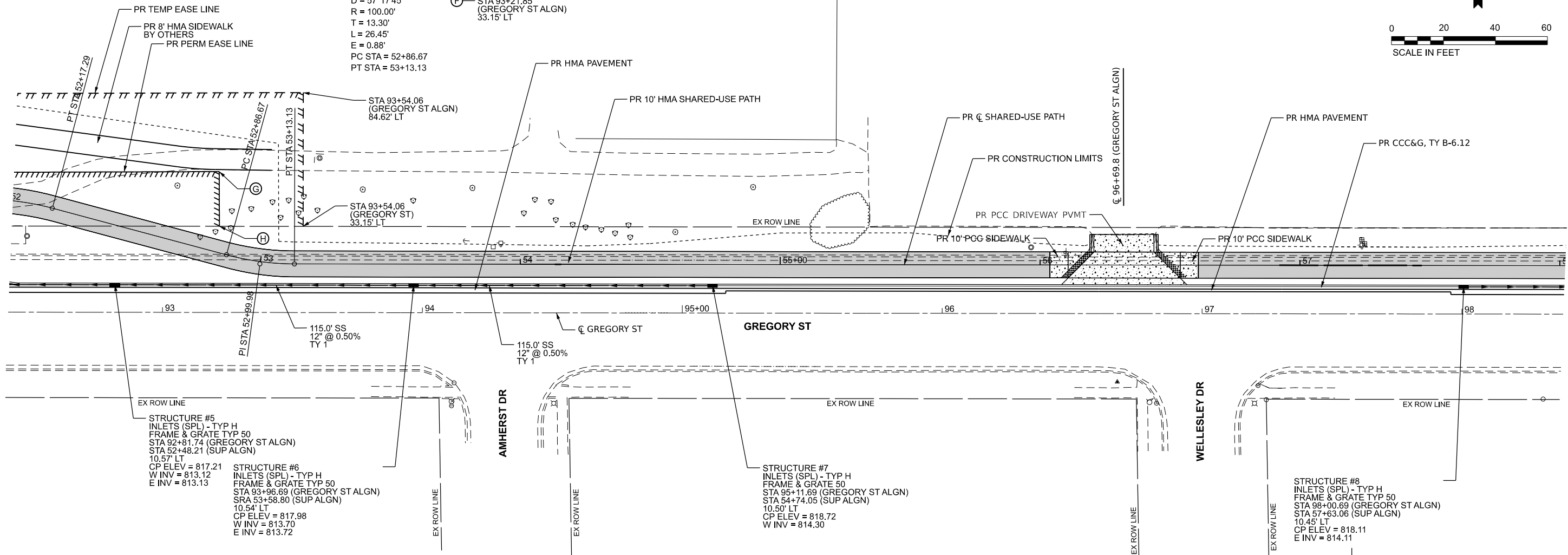
CONTRACT NO. 91620

**SHEET
21 OF 65**



PR CURVE 14
 PI STA = 52+99.98
 $\Delta = 15^{\circ}09'21''$ (LT)
 $D = 57^{\circ}17'45''$
 $R = 100.00'$
 $T = 13.30'$
 $L = 26.45'$
 $E = 0.88'$
 PC STA = 52+86.67
 PT STA = 53+13.13

- ⓐ STA 93+21.76
(GREGORY ST ALGN)
54.17' LT
- ⓑ STA 93+21.85
(GREGORY ST ALGN)
33.15' LT

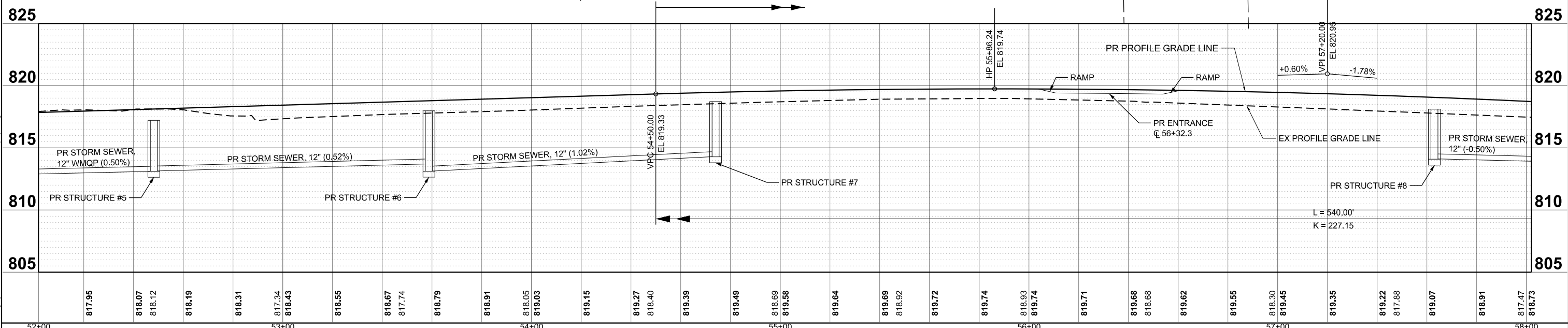


STRUCTURE #5
 INLETS (SPL) - TYP H
 FRAME & GRATE TYP 50
 STA 92+81.74 (GREGORY ST ALGN)
 STA 52+48.21 (SUP ALGN)
 10.57' LT
 CP ELEV = 817.21
 W INV = 813.12
 E INV = 813.13

STRUCTURE #6
 INLETS (SPL) - TYP H
 FRAME & GRATE TYP 50
 STA 93+96.69 (GREGORY ST ALGN)
 STA 53+58.80 (SUP ALGN)
 10.54' LT
 CP ELEV = 817.98
 W INV = 813.70
 E INV = 813.72

STRUCTURE #7
 INLETS (SPL) - TYP H
 FRAME & GRATE TYP 50
 STA 95+11.69 (GREGORY ST ALGN)
 STA 54+74.05 (SUP ALGN)
 10.50' LT
 CP ELEV = 818.72
 W INV = 814.30

STRUCTURE #8
 INLETS (SPL) - TYP H
 FRAME & GRATE TYP 50
 STA 98+00.69 (GREGORY ST ALGN)
 STA 57+63.06 (SUP ALGN)
 10.45' LT
 CP ELEV = 818.11
 E INV = 814.11



MODEL: P:\CL-4 - Plan 13 (Sheet)
 FILE NAME: V03174 - Gregory St - SUP - PH.H (Normal\CADD\CADD_Sheets\13174-sh-hdrprof.dgn)



DESIGNED - AOF DATE - 11-3-23
 DRAWN - SRH
 CHECKED - RMB
 PROJECT #: - 5174

**GREGORY STREET
 TRAIL EXTENSION**



PLAN AND PROFILE (8 OF 10)

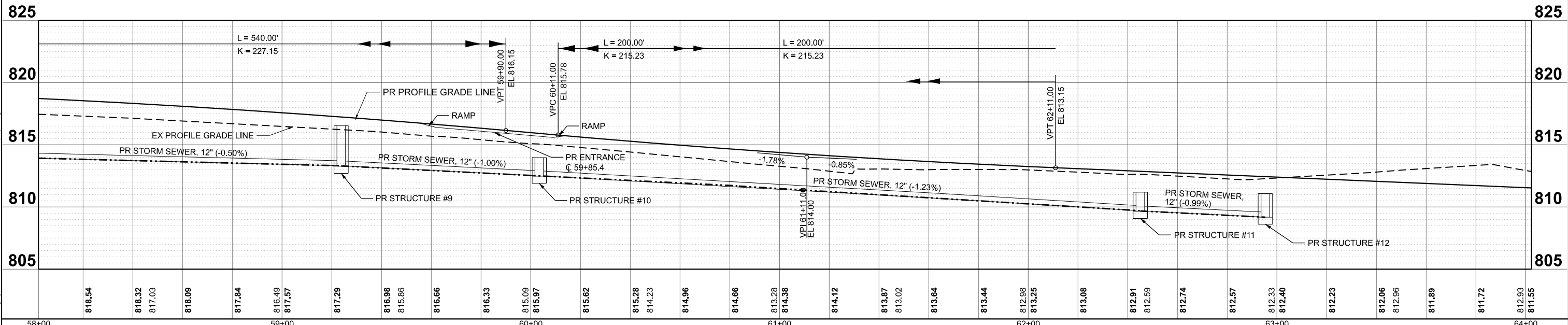
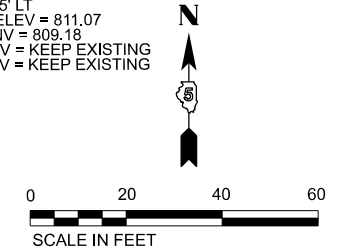
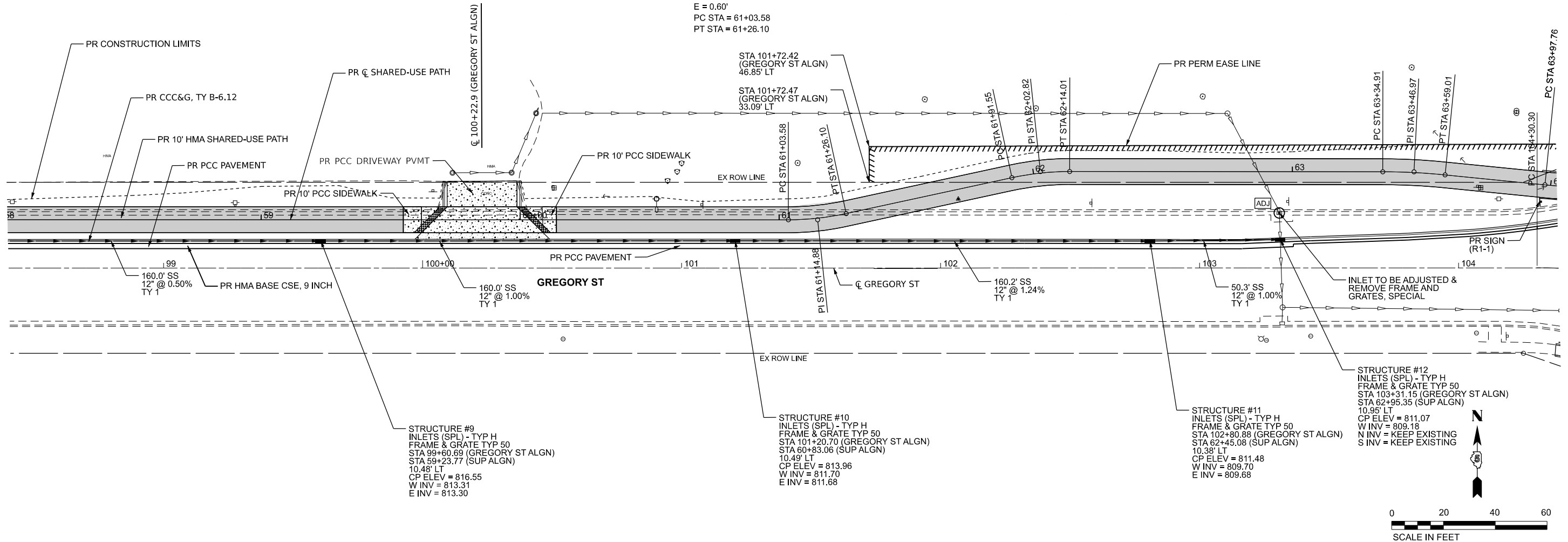
CONTRACT NO. 91620

**SHEET
 22 OF 65**

PR CURVE 15
 PI STA = 61+14.88
 $\Delta = 12^{\circ}10'22"$ (LT)
 $D = 54^{\circ}03'09"$
 $R = 106.00'$
 $T = 11.30'$
 $L = 22.52'$
 $E = 0.60'$
 PC STA = 61+03.58
 PT STA = 61+26.10

PR CURVE 16
 PI STA = 62+02.82
 $\Delta = 12^{\circ}15'34"$ (RT)
 $D = 54^{\circ}34'03"$
 $R = 105.00'$
 $T = 11.28'$
 $L = 22.47'$
 $E = 0.60'$
 PC STA = 61+91.55
 PT STA = 62+14.01

PR CURVE 17
 PI STA = 63+46.97
 $\Delta = 05^{\circ}38'05"$ (RT)
 $D = 23^{\circ}23'10"$
 $R = 245.00'$
 $T = 12.06'$
 $L = 24.09'$
 $E = 0.30'$
 PC STA = 63+34.91
 PT STA = 63+59.01



MODEL: P:\CL-4 - P\11 (Sheet)
 FILE NAME: V05174 - Gregory St - SUP - PH.H (Normal\CADD\CADD Sheets\5174-sh-hcbprof.dgn)



DESIGNED - AOF DATE - 11-3-23
 DRAWN - SRH
 CHECKED - RMB
 PROJECT #: - 5174

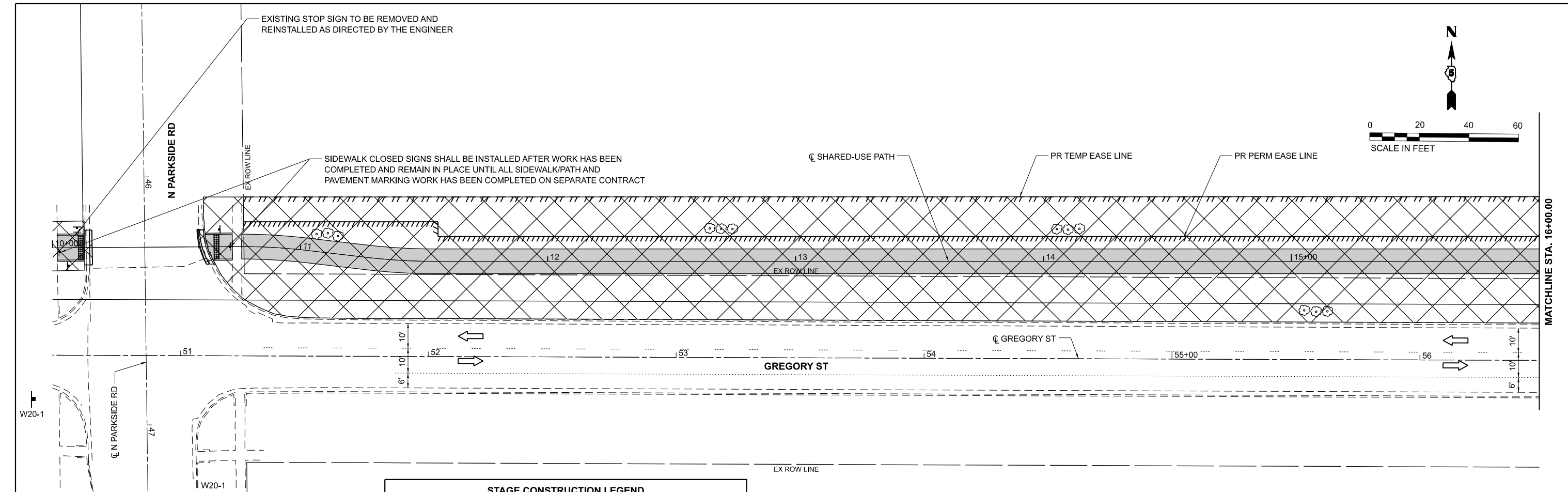
**GREGORY STREET
 TRAIL EXTENSION**



PLAN AND PROFILE (9 OF 10)

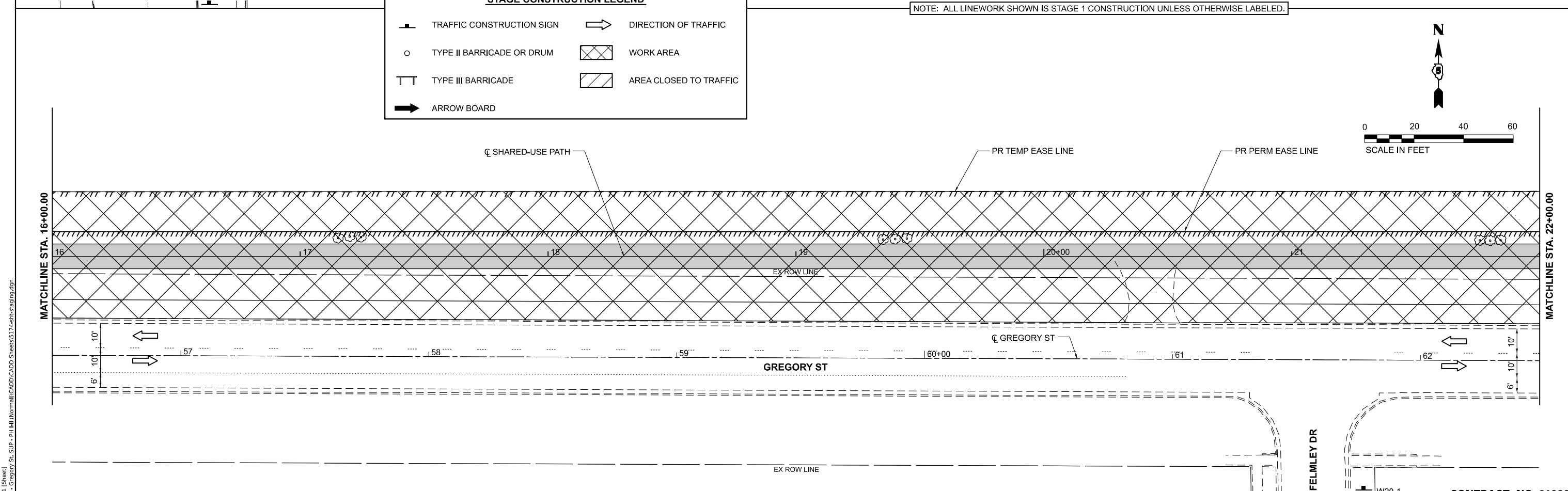
CONTRACT NO. 91620

**SHEET
 23 OF 65**



STAGE CONSTRUCTION LEGEND			
	TRAFFIC CONSTRUCTION SIGN		DIRECTION OF TRAFFIC
	TYPE II BARRICADE OR DRUM		WORK AREA
	TYPE III BARRICADE		AREA CLOSED TO TRAFFIC
	ARROW BOARD		

NOTE: ALL LINEWORK SHOWN IS STAGE 1 CONSTRUCTION UNLESS OTHERWISE LABELED.



MODEL: P:\CADD\Drawings\11-23\11-23-23\11-23-23.dwg
 FILE NAME: VAS174 - Gregory St - SUP - PH.HI (Normal\CADD\CADD_Sheets\11-23-23\11-23-23.dwg)



DESIGNED - AOF	DATE - 11-3-23
DRAWN - SRH	
CHECKED - RMB	
PROJECT #: - 5174	

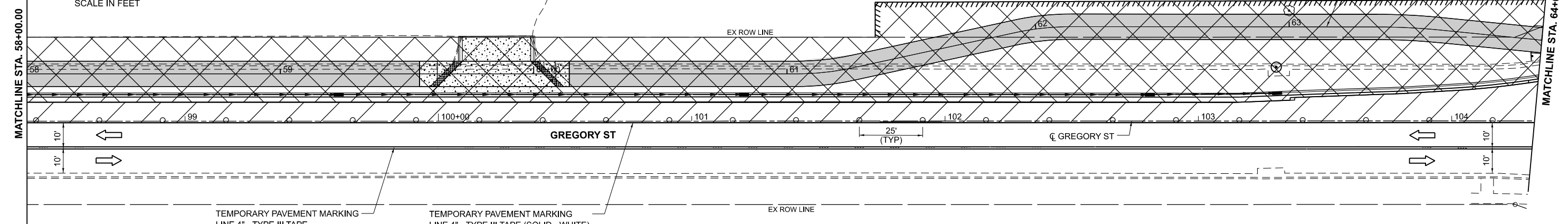
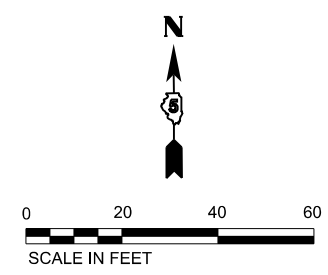
**GREGORY STREET
TRAIL EXTENSION**



STAGE CONSTRUCTION PLAN (1 OF 5)

CONTRACT NO. 91620

**SHEET
25 OF 65**



TEMPORARY PAVEMENT MARKING
LINE 4" - TYPE III TAPE
(SOLID - DOUBLE YELLOW)

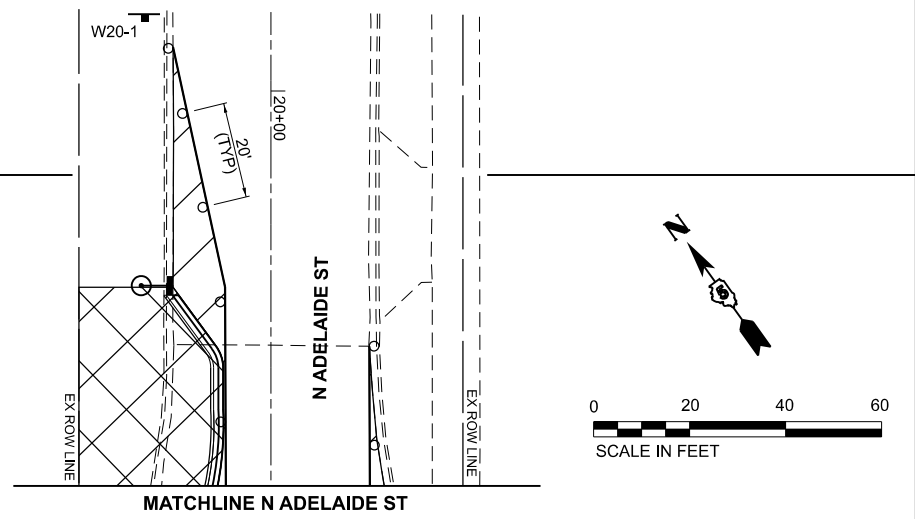
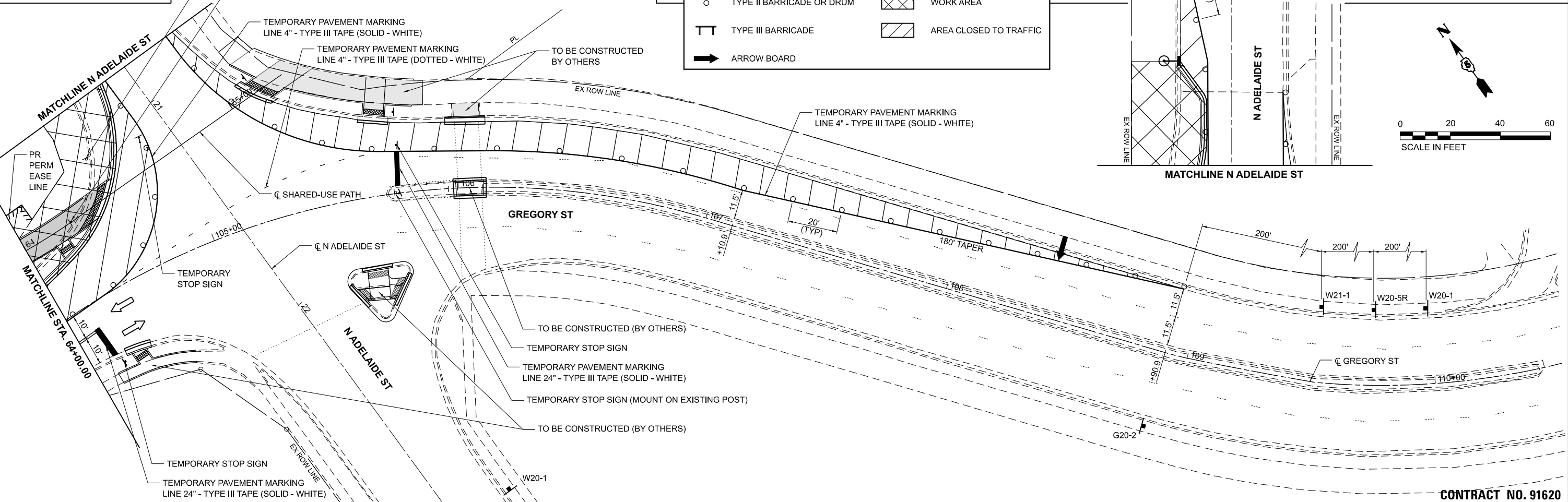
TEMPORARY PAVEMENT MARKING
LINE 4" - TYPE III TAPE (SOLID - WHITE)

NOTE: ALL LINWORK SHOWN IS STAGE 1 CONSTRUCTION UNLESS OTHERWISE LABELED.

STAGE CONSTRUCTION LEGEND			
	TRAFFIC CONSTRUCTION SIGN		DIRECTION OF TRAFFIC
	TYPE II BARRICADE OR DRUM		WORK AREA
	TYPE III BARRICADE		AREA CLOSED TO TRAFFIC
	ARROW BOARD		

EXISTING STOP SIGN TO BE REMOVED AND REINSTALLED AS DIRECTED BY THE ENGINEER

SIDEWALK CLOSED SIGN SHALL BE INSTALLED AFTER WORK HAS BEEN COMPLETED AND REMAIN IN PLACE UNTIL ALL SIDEWALK/PATH AND PAVEMENT MARKING WORK HAS BEEN COMPLETED ON SEPARATE CONTRACT



MODEL: P:\CADD\91620\91620.dwg
 FILE NAME: VAS174 - Gregory St - SUP - PH.HI (Normal\CADD\CADD_Sheets\91620\91620.dwg)



DESIGNED - AOF	DATE - 11-3-23
DRAWN - SRH	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
TRAIL EXTENSION**



STAGE CONSTRUCTION PLAN (5 OF 5)

CONTRACT NO. 91620

**SHEET
29 OF 65**

TRAFFIC CONTROL AND PROTECTION

ACCESS MAINTENANCE NOTES

1. TRAFFIC CONTROL IS AN INTEGRAL PART OF THE CONTRACTOR'S MEANS AND METHODS FOR COMPLETING THE WORK. THE REQUIREMENTS SET FORTH HEREIN AND WITHIN THE PROJECT SPECIFICATIONS PRESENT THE MINIMUM REQUIREMENTS FOR THE TRAFFIC CONTROL AND PROTECTION FOR THIS PROJECT. THE CONTRACTOR SHALL IMPLEMENT ALL ADDITIONAL MEASURES NECESSARY TO FULLY PROTECT PEDESTRIANS, BICYCLIST, VEHICLES AND THE CONTRACTOR'S WORK FORCE FROM THEIR WORK ACTIVITIES AND FROM PASSING TRAFFIC. FIELD MODIFICATION OF THE TRAFFIC CONTROL SCHEME DEPICTED ON THE STAGE CONSTRUCTION PLANS SHALL BE APPROVED BY THE ENGINEER. THE CONTRACTOR'S TRAFFIC CONTROL AND SEQUENCE OF CONSTRUCTION SHALL INCORPORATE THESE REQUIREMENTS:

CLOSE WESTBOUND OUTSIDE LANE OF GREGORY ST. FROM EAST OF ADELAIDE ST. TO COTTAGE AVE. TO COMPLETE ALL WORK ON THE NORTH SIDE OF GREGORY ST. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD 701601 AND AS SHOWN ON THE STAGING PLANS.

PROPOSED SIDEWALK IMPROVEMENTS ALONG THE SOUTH SIDE OF GREGORY ST. AND PROPOSED SIDEWALK, MEDIANS AND ISLAND IMPROVEMENTS ON THE EAST SIDE OF ADELAIDE ST. WILL BE COMPLETED BY OTHERS ON A SEPARATE CONTRACT. THIS CONTRACT WILL INCLUDE HOT-MIX ASPHALT RESURFACING OF GREGORY ST FROM ADELAIDE ST. TO COTTAGE AVE. THIS CONTRACT WILL BE ON A LOCAL LETTING IN THE SPRING OF 2024.

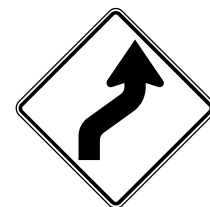
2. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES OR SIGNS INSTALLED IN A PREVIOUS STAGE THAT ARE IN CONFLICT WITH THE CURRENT STAGE ARE TO BE REMOVED BY THE CONTRACTOR AFTER THE PROPOSED TRAFFIC CONTROL AND PROTECTION REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER. SIGNS OR DEVICES LEFT IN PLACE AT THIS TIME ARE TO BE PROTECTED FROM DAMAGE.
3. NO DEVIATIONS FROM THE APPROVED TRAFFIC CONTROL PLAN WILL BE ALLOWED WITHOUT PRIOR WRITTEN PERMISSION FROM THE ENGINEER.
4. THE CONTRACTOR SHALL COVER OR REMOVE EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE ALL SIGNS AS SHOWN ON THE STAGE CONSTRUCTION PLANS AND ADDITIONAL SIGNS AS REQUIRED BY THE LISTED HIGHWAY STANDARDS. THE PROPOSED TRAFFIC CONTROL SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD 701901, THE STAGE CONSTRUCTION PLANS AND AS DIRECTED BY THE ENGINEER.
5. TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. ADJUSTMENTS TO THE TRAFFIC CONTROL DEVICES SHALL BE INCLUDED IN THE LUMP SUM PRICE OF TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. TRAFFIC CONTROL DEVICES SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.

6. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO WEIGHTED SAND BAGS ON EACH TYPE II BARRICADE USED (ONE WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL) AND A MINIMUM OF FOUR WEIGHTED SAND BAGS ON EACH TYPE III BARRICADE USED.
7. TEMPORARY PAVEMENT MARKINGS: WORK ZONE PAVEMENT MARKINGS SHALL BE INSTALLED AS REQUIRED BY THE TRAFFIC CONTROL STANDARDS, AS SHOWN ON THE STAGE CONSTRUCTION PLANS AND AS DIRECTED BY THE ENGINEER. WORK ZONE PAVEMENT MARKINGS SHOWN ON THE STAGE CONSTRUCTION PLANS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE ITEM SPECIFIED.
8. TO THE FULLEST EXTENT POSSIBLE, THE EXISTING PAVEMENT MARKINGS SHALL BE USED FOR TRAFFIC CONTROL. THE CONTRACTOR SHALL REMOVE THE EXISTING PAVEMENT MARKINGS OR THE PREVIOUSLY INSTALLED WORK ZONE PAVEMENT MARKINGS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN DESIGNATED FOR EACH CONSTRUCTION STAGE OR AS DIRECTED BY THE ENGINEER.
9. THE WORK ZONES SHOWN ON THE TRAFFIC CONTROL PLANS AND THE PLACEMENT OF SIGNS, BARRICADES AND OTHER TRAFFIC CONTROL DEVICES DEPICTED HEREIN ARE SCHEMATIC IN NATURE. FOR SPECIFIC INSTRUCTIONS ON THE INCLUSION OF SIGNS, BARRICADES AND OTHER TRAFFIC CONTROL DEVICES FOR INDIVIDUAL WORK ZONES AND THE PLACEMENT THEREOF, REFER TO THE TRAFFIC CONTROL STANDARDS, AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
10. THE INITIAL TRAFFIC CONTROL SETUP AND SUBSEQUENT CHANGES BETWEEN TRAFFIC CONTROL STAGES SHALL BE PERFORMED DURING NON-PEAK TRAFFIC HOURS AS DIRECTED BY THE ENGINEER. FLAGGERS SHALL BE REQUIRED DURING THE INITIAL SETUP AND SUBSEQUENT CHANGES OF THE TRAFFIC CONTROL DEVICES AS DIRECTED BY THE ENGINEER.
11. WHEN A "ROAD CONSTRUCTION AHEAD" OR "END ROAD WORK" SIGN HAS BEEN ERECTED IN THE APPLICABLE STAGE, THE SIGN WILL REMAIN IN PLACE UNTIL ALL CONSTRUCTION HAS BEEN COMPLETED.
12. WORK ZONE SPEED LIMIT IS TO REMAIN AT THE CURRENT POSTED SPEEDS.
13. ALL CONSTRUCTION SIGNS SHALL HAVE FLUORESCENT ORANGE BACKGROUNDS.
14. CHANGE IN STAGE SHALL BE COORDINATED WITH THE ENGINEER AT LEAST 2 WEEKS IN ADVANCE AND APPROVED BY THE ENGINEER.

MAINTAINING ACCESS TO ENTRANCES ARE OF THE UTMOST IMPORTANCE TO THE CITY. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUB-STAGING THE CONSTRUCTION OF THE ENTRANCES AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FOLLOW THESE PROCEDURES TO ENSURE PROPER ENTRANCE ACCESS WHEN DIRECTED BY THE ENGINEER:

1. ALL BARRICADES REQUIRED TO SUB-STAGE ENTRANCE CONSTRUCTION AND MAINTAIN ACCESS TO ENTRANCES SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
2. FURNISHING, PLACING, MAINTAINING AND REMOVING ALL TEMPORARY AGGREGATE THAT IS USED TO TEMPORARILY FILL ANY VOIDS OR TO PROVIDE TEMPORARY ACCESS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR "AGGREGATE FOR TEMPORARY ACCESS".
3. THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS NO LESS THAN 3 DAYS BEFORE REMOVING ANY PART OF EXISTING ENTRANCES.
4. PROPER DRAINAGE SHALL BE MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THIS WORK AND ANY CONSTRUCTION TECHNIQUES NECESSARY TO ENSURE PROPER DRAINAGE IS MAINTAINED AT ALL TIMES. THE COST OF ALL LABOR, EQUIPMENT AND MATERIALS TO MAINTAIN PROPER DRAINAGE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE MISCELLANEOUS PAY ITEMS INVOLVED.
5. ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE POINT OF ACCESS TO EACH PROPERTY IN THE WORK AREAS AT ALL TIMES.

STAGE CONSTRUCTION SIGNS



W1-4R
36"x36"



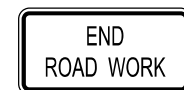
W20-5R
36"x36"



W20-1
36"x36"

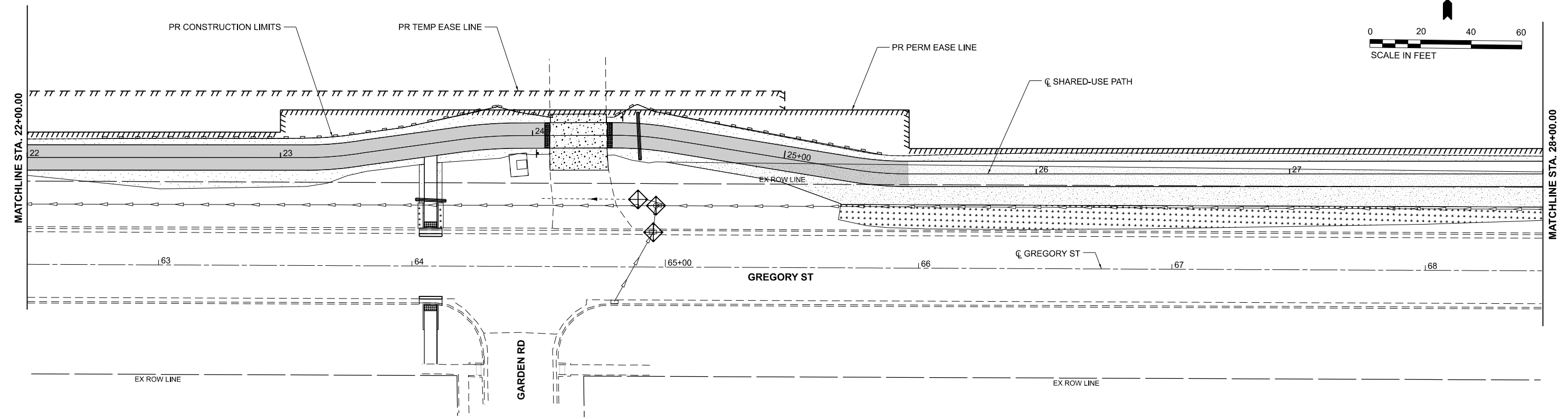
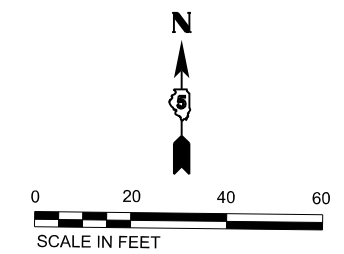


W21-1
36"x36"



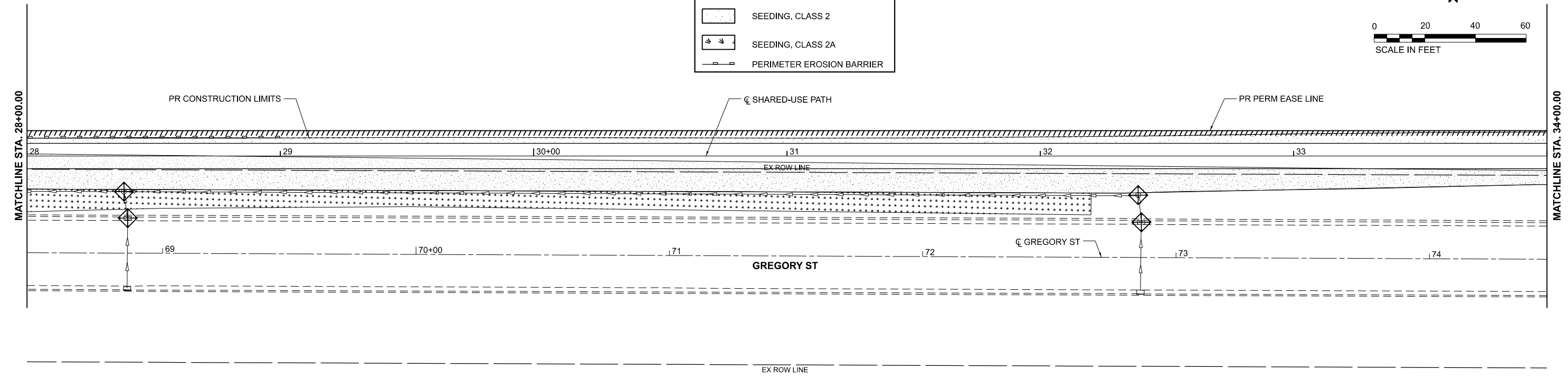
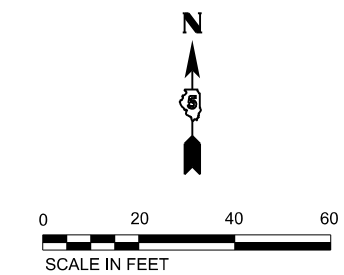
G20-2
36"x18"

MODEL: Default
FILE NAME: W05174 - Gregory St. SUP - PH I.H (Normal)CADD\CADD_Sheets\5174-shc-stage\tr notes.dgn



EROSION CONTROL LEGEND

	TEMPORARY DITCH CHECK
	INLET & PIPE PROTECTION
	INLET FILTERS
	SEEDING, CLASS 2
	SEEDING, CLASS 2A
	PERIMETER EROSION BARRIER



MODEL: P:\CADD\Drawings\5174\5174-eroc.dwg
 FILE NAME: 5174 - Gregory St - SUP - PH.dwg
 Normal\CADD\CADD Sheets\5174-eroc.dwg



DESIGNED - AOF	DATE - 11-3-23
DRAWN - SRH	
CHECKED - RMB	
PROJECT # - 5174	

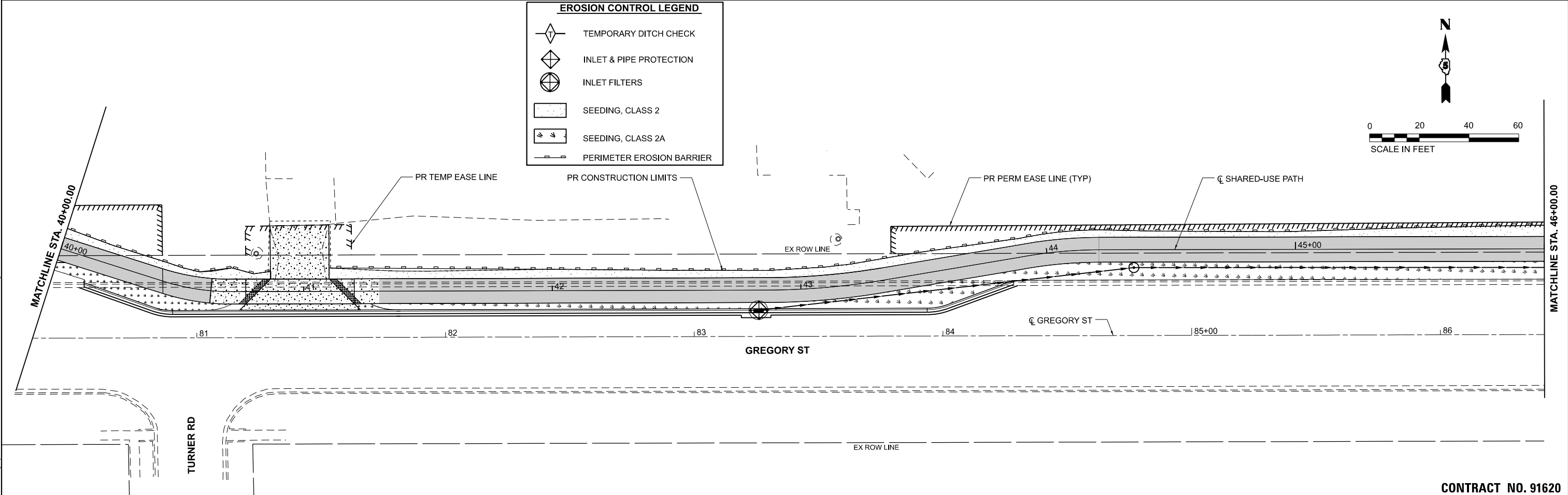
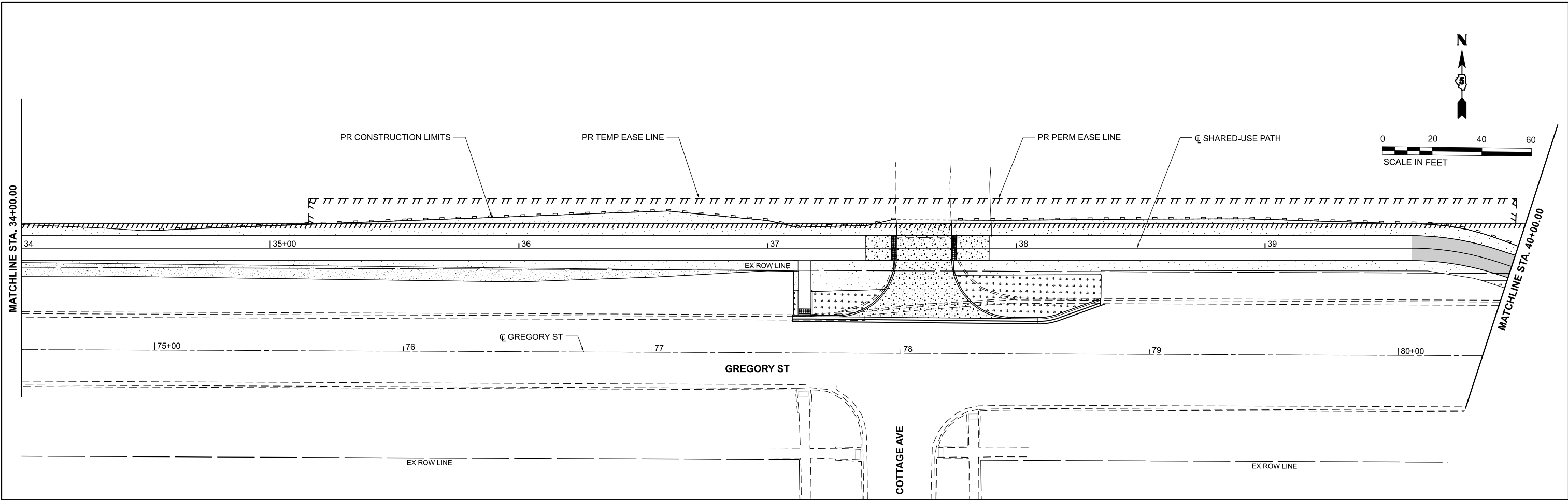
**GREGORY STREET
TRAIL EXTENSION**



EROSION CONTROL PLAN (2 OF 5)

CONTRACT NO. 91620

**SHEET
32 OF 65**



MODEL: P:\CADD\Projects\11-3-23\Gregory St. SUP - PH.HI (Normal)\CADD\CADD Sheets\11-3-23-erosection.dgn
 FILE NAME: VAS174 - Gregory St. SUP - PH.HI



DESIGNED - AOF	DATE - 11-3-23
DRAWN - SRH	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
TRAIL EXTENSION**

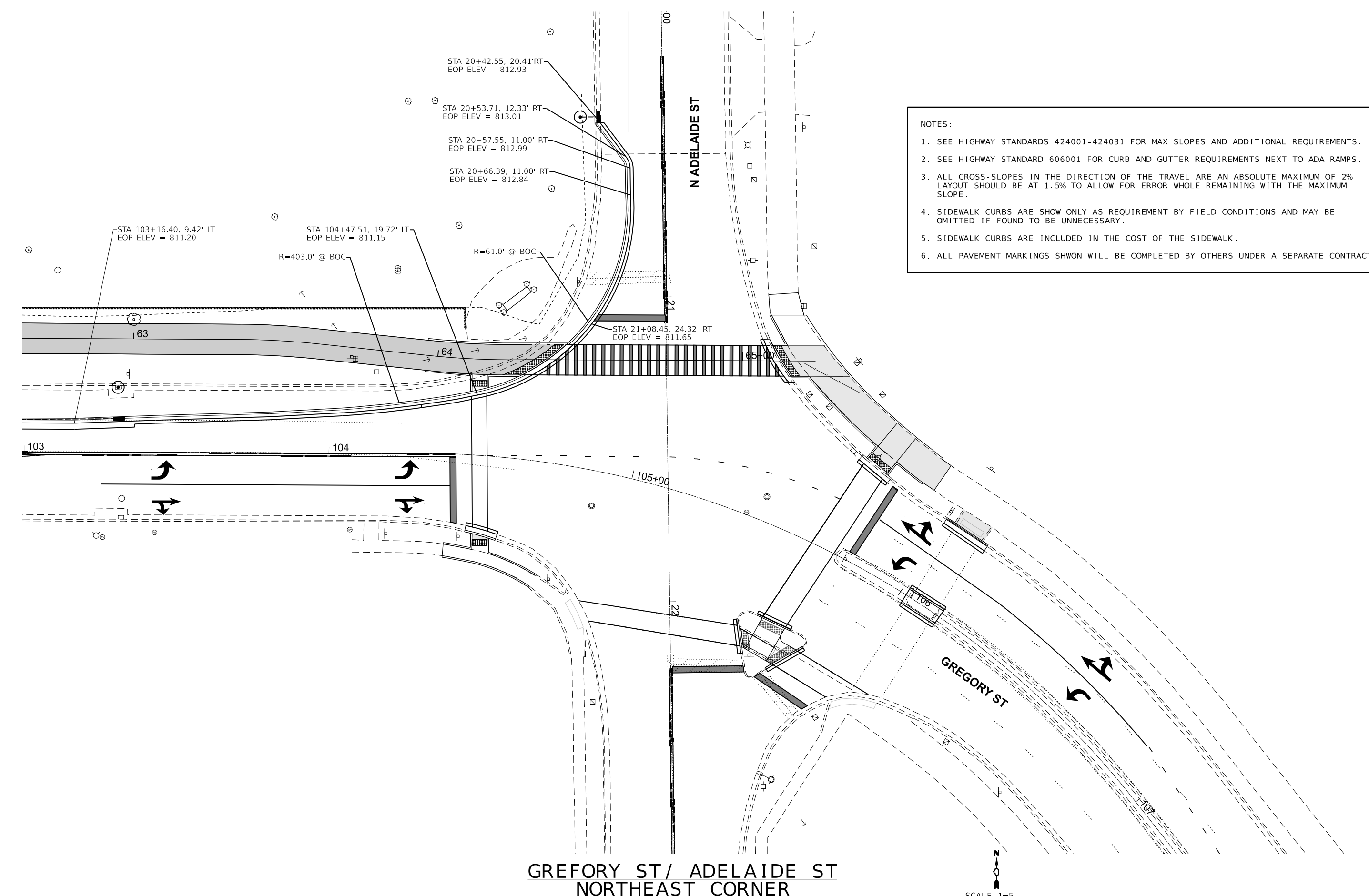


EROSION CONTROL PLAN (3 OF 5)

CONTRACT NO. 91620

**SHEET
33 OF 65**

- NOTES:
1. SEE HIGHWAY STANDARDS 424001-424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
 2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
 3. ALL CROSS-SLOPES IN THE DIRECTION OF THE TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2%. LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITH THE MAXIMUM SLOPE.
 4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIREMENT BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
 5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF THE SIDEWALK.
 6. ALL PAVEMENT MARKINGS SHOWN WILL BE COMPLETED BY OTHERS UNDER A SEPARATE CONTRACT.



**GREGORY ST/ ADELAIDE ST
NORTHEAST CORNER**

SCALE 1=5

MODEL: Default
FILE NAME: 5174 - Gregory St, SUP - PH, H (Normal)\CADD\CADD_Sheets\5174-shc-Intersection.dgn



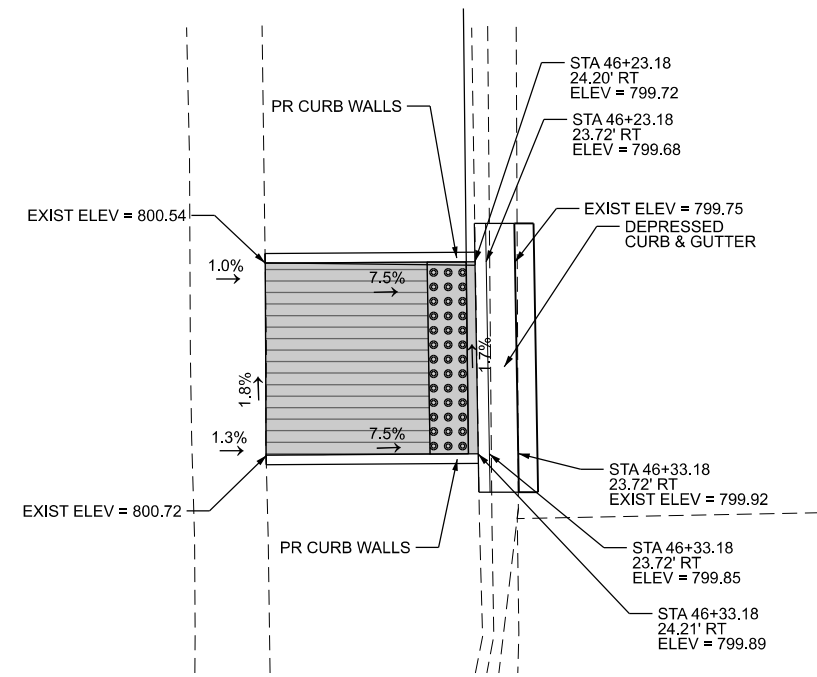
DESIGNED - AOF	DATE - 9-11-23
DRAWN - ..	
CHECKED - ..	
PROJECT #: - 5174	

**GREGORY STREET
TRAIL EXTENSION**



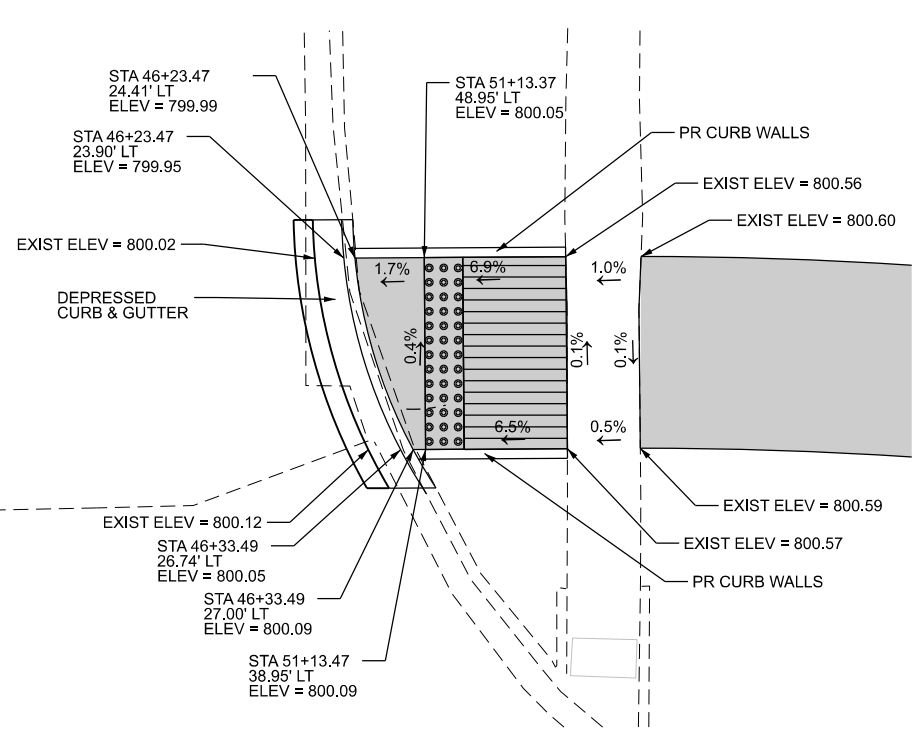
**INTERSECTION DETAIL
(1 OF 1)**

CONTRACT NO. 91620
**SHEET
36 OF 65**



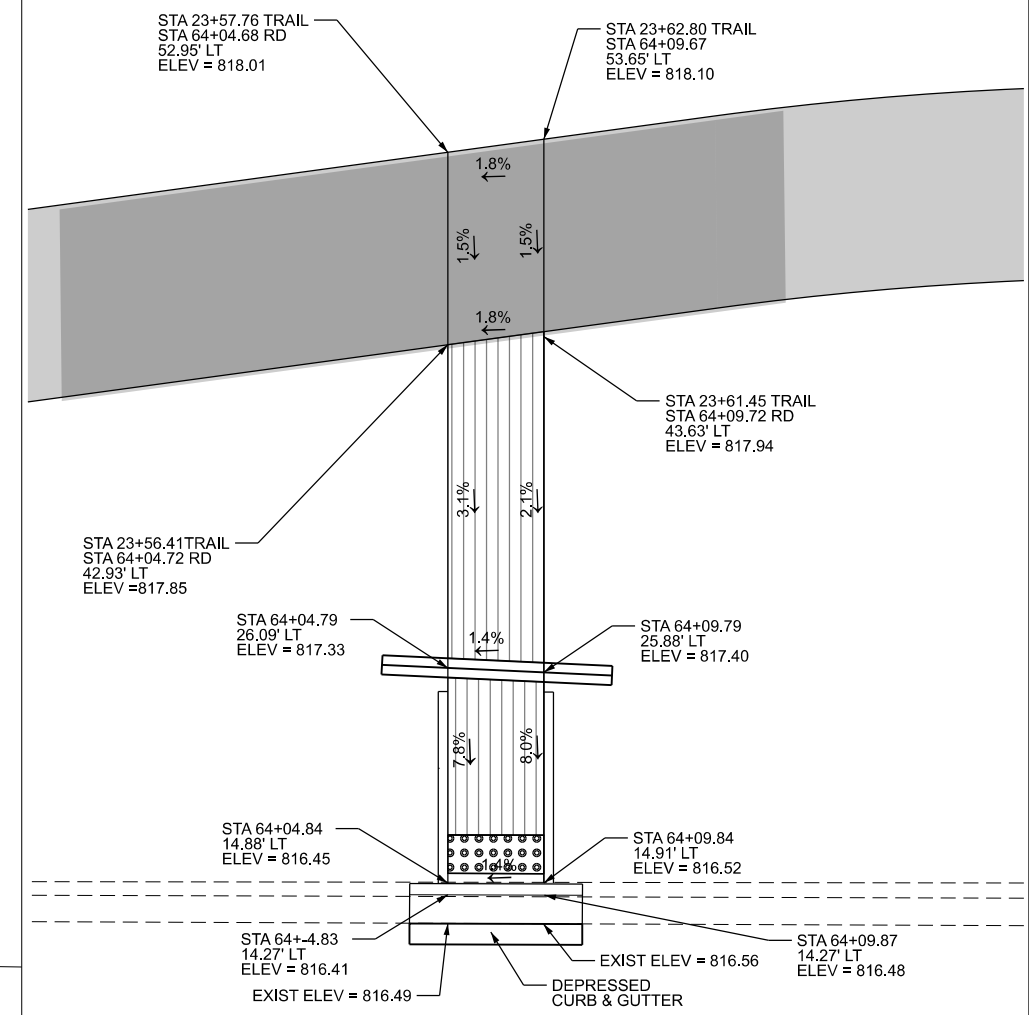
**PARKSIDE RD/ GREGORY ST
NORTHWEST CORNER**

SCALE 1=5



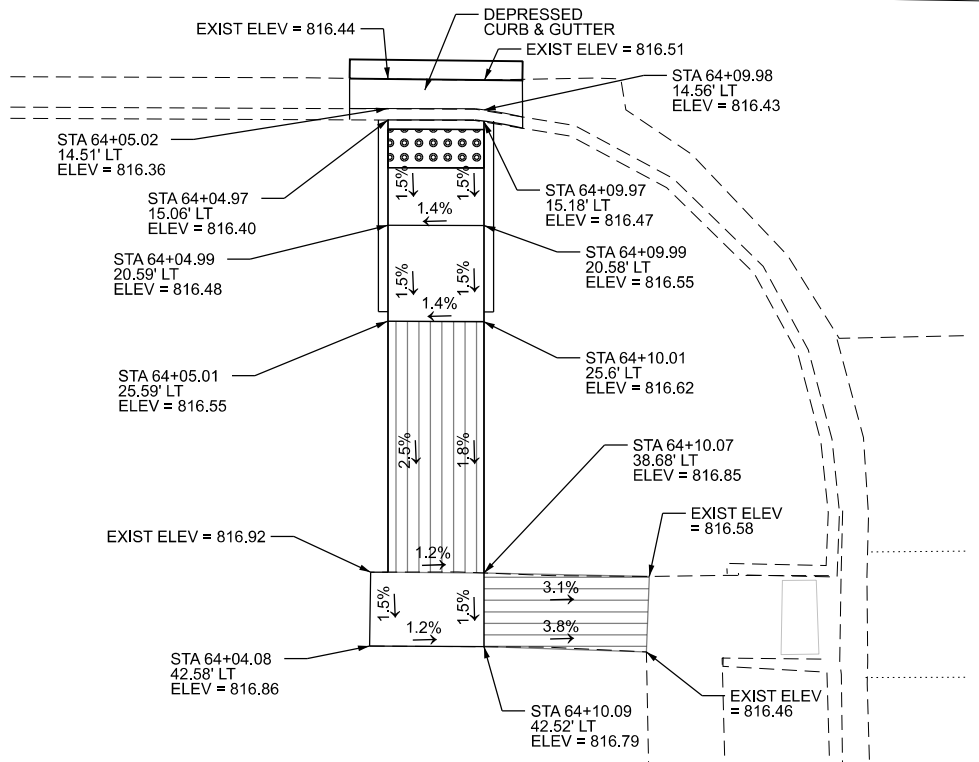
**PARKSIDE RD/ GREGORY ST
NORTHEAST CORNER**

SCALE 1=5



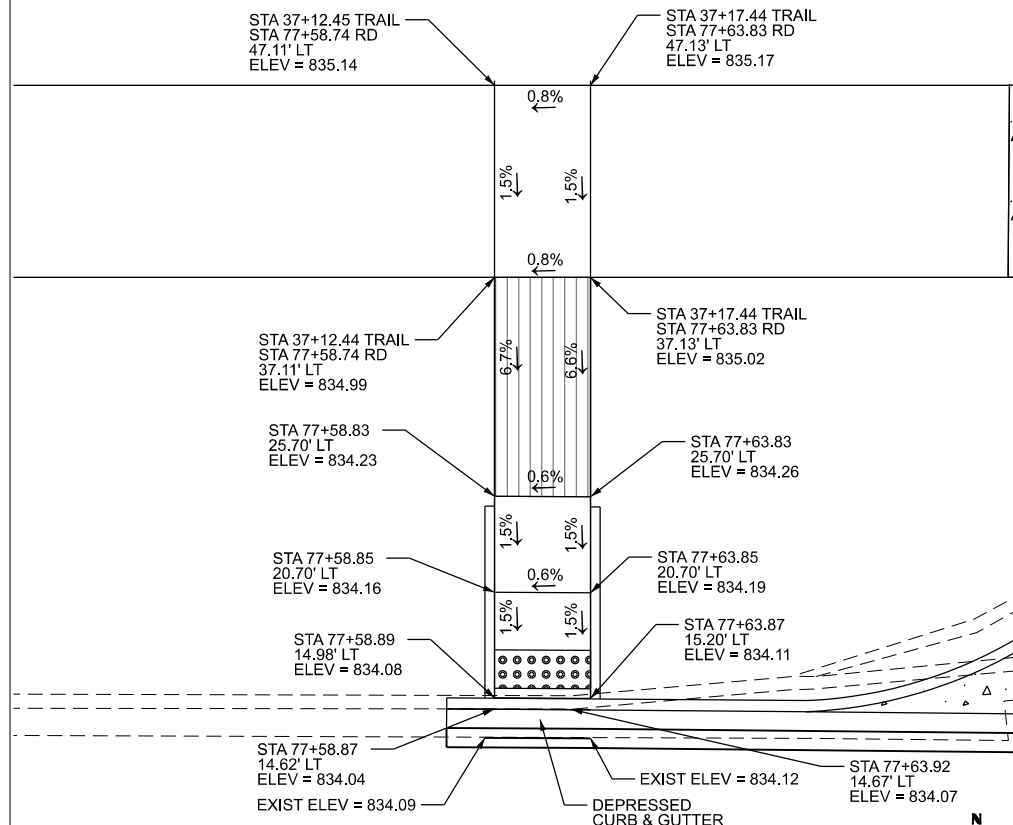
**GREGORY ST / GARDEN RD
NORTHWEST SIDE**

SCALE 1=5



**GREGORY ST / GARDEN RD
SOUTHWEST CORNER**

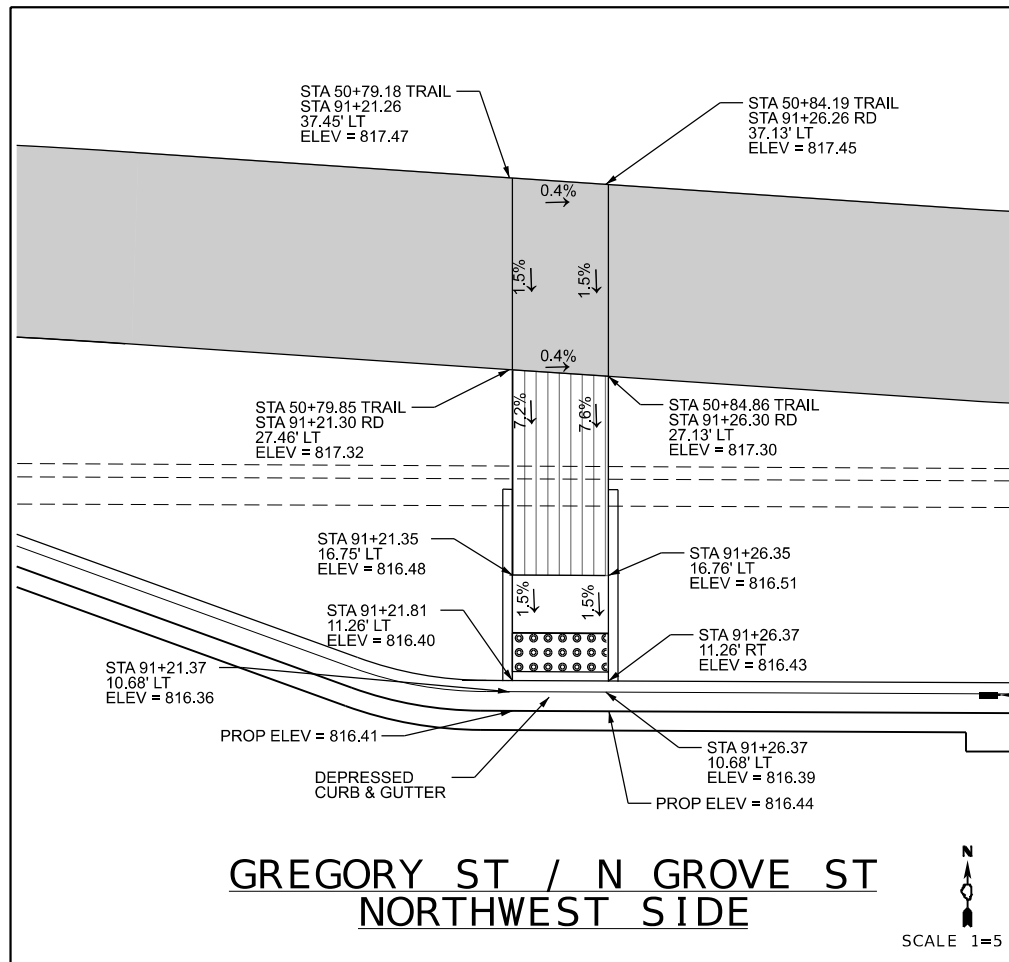
SCALE 1=5



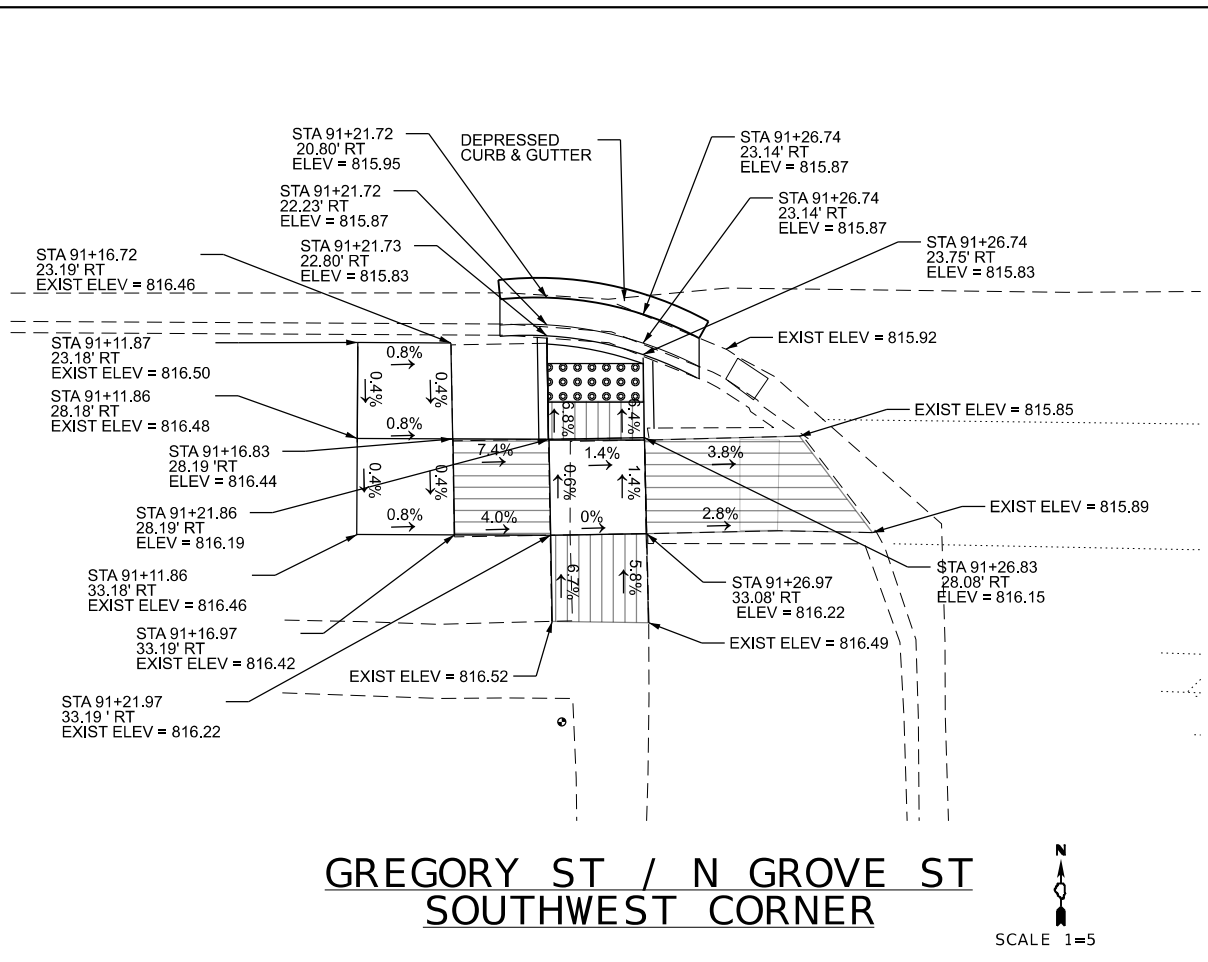
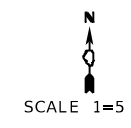
**GREGORY ST / COTTAGE AVE
NORTHWEST SIDE**

SCALE 1=5

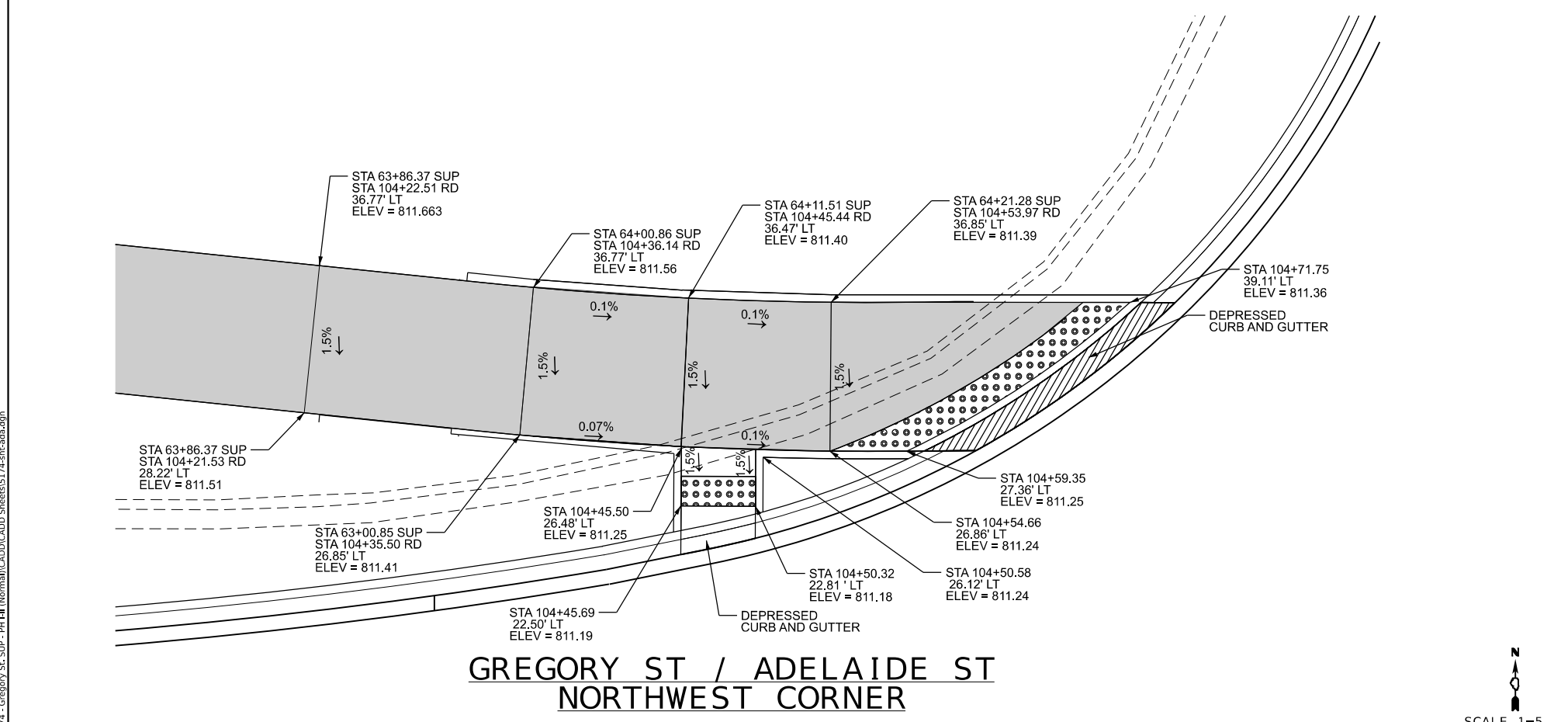
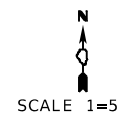
- NOTES:**
1. SEE HIGHWAY STANDARDS 424001-424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
 2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMPS.
 3. ALL CROSS-SLOPES IN THE DIRECTION OF THE TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITH THE MAXIMUM SLOPE.
 4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIREMENT BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
 5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF THE SIDEWALK.



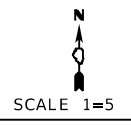
**GREGORY ST / N GROVE ST
NORTHWEST SIDE**



**GREGORY ST / N GROVE ST
SOUTHWEST CORNER**



**GREGORY ST / ADELAIDE ST
NORTHWEST CORNER**



- NOTES:**
1. SEE HIGHWAY STANDARDS 424001-424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
 2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMPS.
 3. ALL CROSS-SLOPES IN THE DIRECTION OF THE TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITH THE MAXIMUM SLOPE.
 4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIREMENT BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
 5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF THE SIDEWALK.

CONTRACT NO. 91620

MODEL: Default; FILE NAME: W35174 - Gregory St - SUP - PH I.H. (Normal)CADD\CADD Sheets\3174-shc-ada.dgn



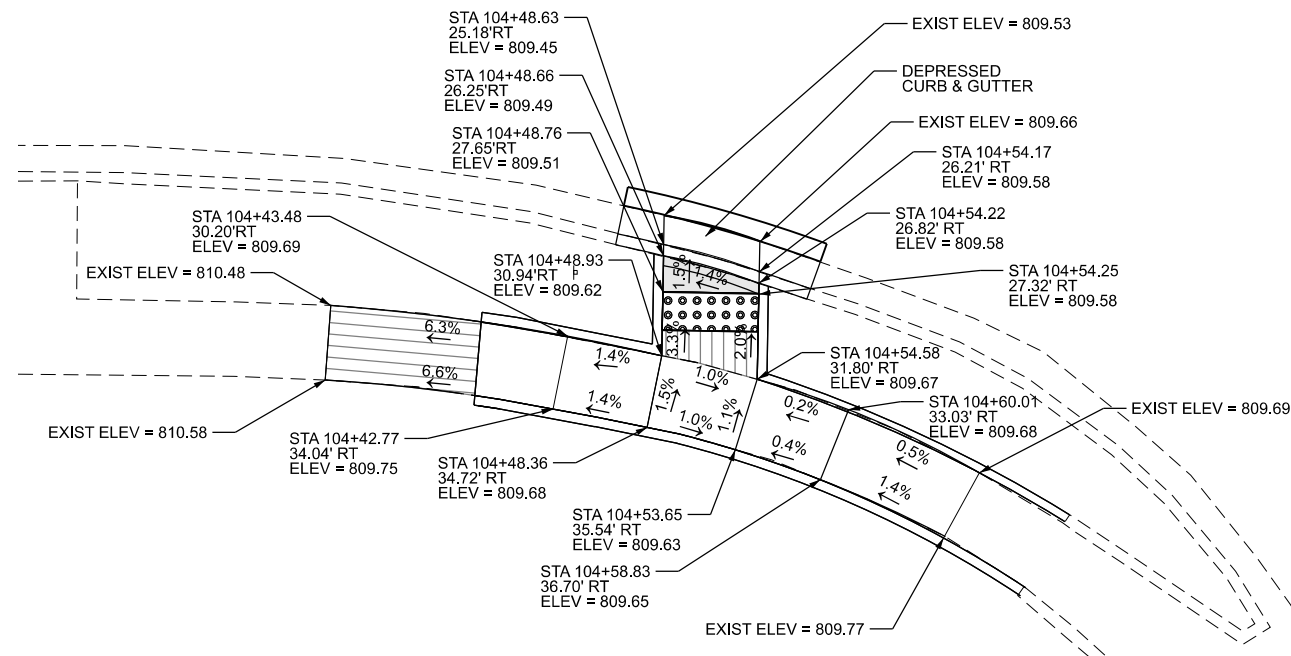
DESIGNED - AOF	DATE - 9-11-23
DRAWN - ..	
CHECKED - ..	
PROJECT #: - 5174	

**GREGORY STREET
TRAIL EXTENSION**

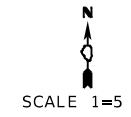


PROPOSED ADA RAMPS (2 OF 3)

**SHEET
38 OF 65**



**GREGORY ST / ADELAIDE ST
SOUTHWEST CORNER**



- NOTES:**
1. SEE HIGHWAY STANDARDS 424001-424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
 2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMPS.
 3. ALL CROSS-SLOPES IN THE DIRECTION OF THE TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITH THE MAXIMUM SLOPE.
 4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIREMENT BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
 5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF THE SIDEWALK.

MODEL: Default
 FILE NAME: W3174 - Gregory St, SUP - PH 11 (Normal)CADD\CADD_Sheets\3174-shc-ada.dgn



DESIGNED - AOF	DATE - 9-11-23
DRAWN - ..	
CHECKED - ..	
PROJECT #: - 5174	

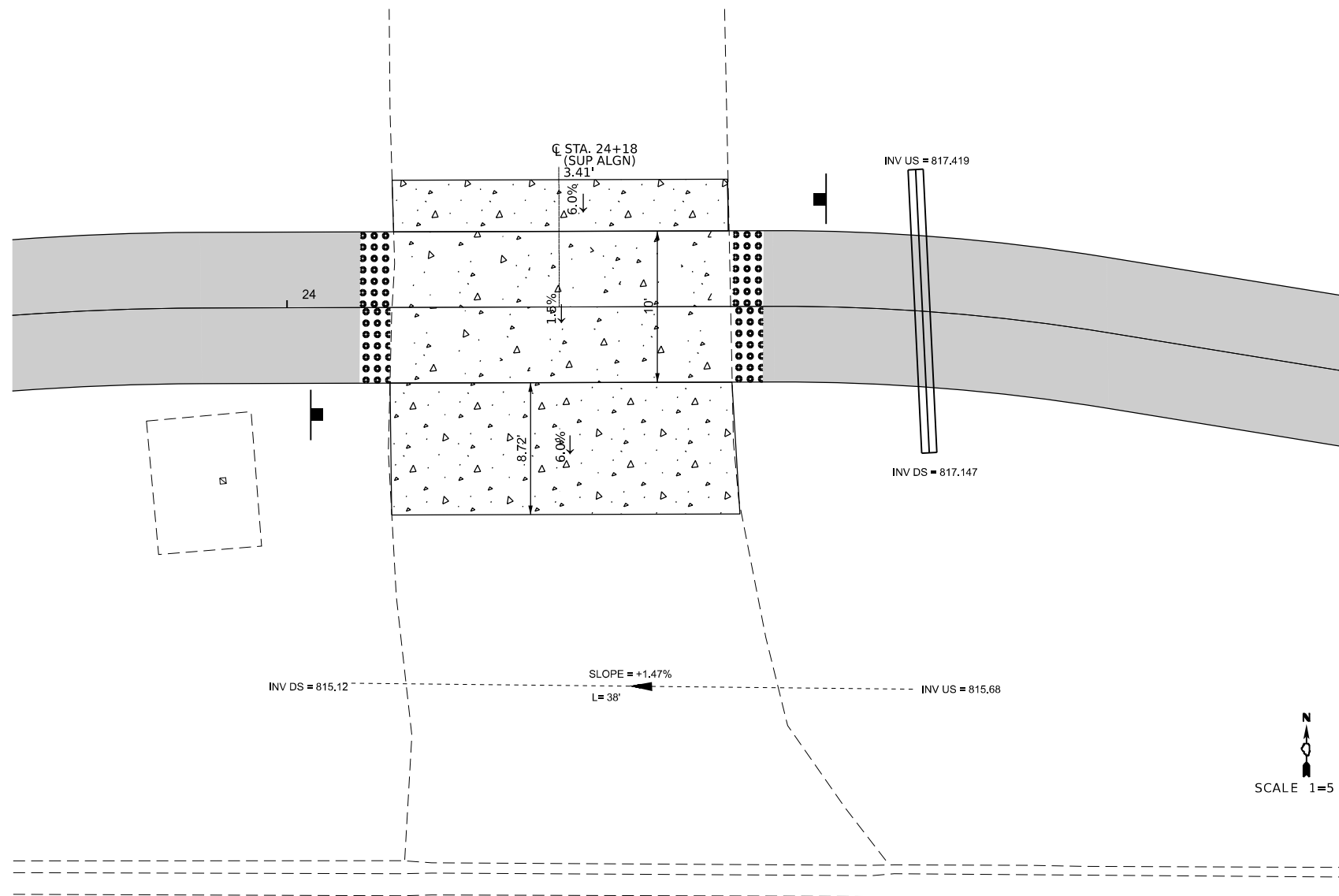
**GREGORY STREET
TRAIL EXTENSION**



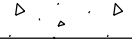
PROPOSED ADA RAMPS (3 OF 3)

CONTRACT NO. 91620

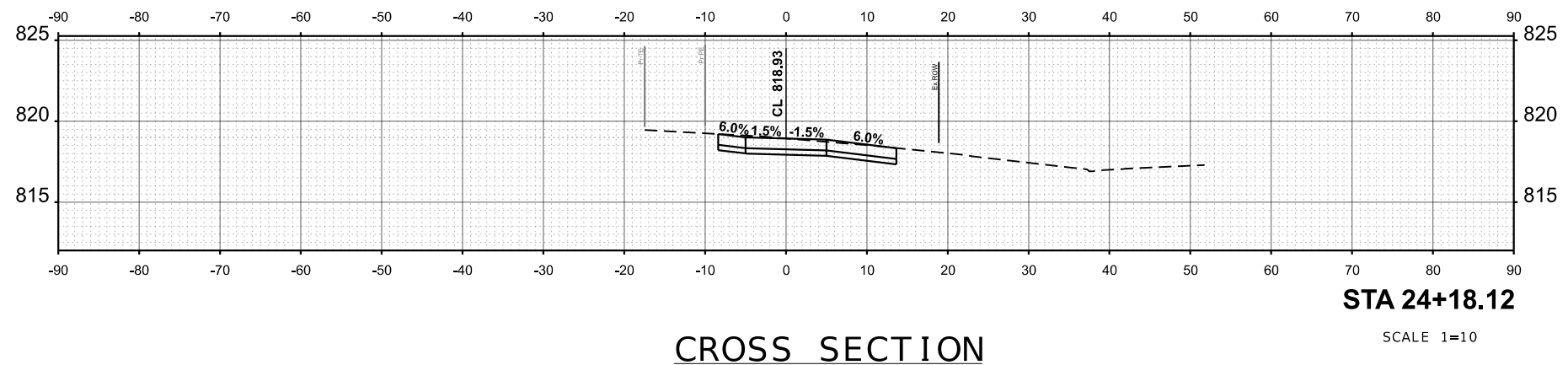
**SHEET
39 OF 65**



LEGEND:

 PR PCC DRIVEWAY

GREGORY ST - ISU CAMPUS RECREATION ENTRANCE
STA 24+18(SUP ALGN)



CROSS SECTION

MODEL FILE NAME



DESIGNED - AOF	DATE - 9-11-23
DRAWN - ..	
CHECKED - ..	
PROJECT #: - 5174	

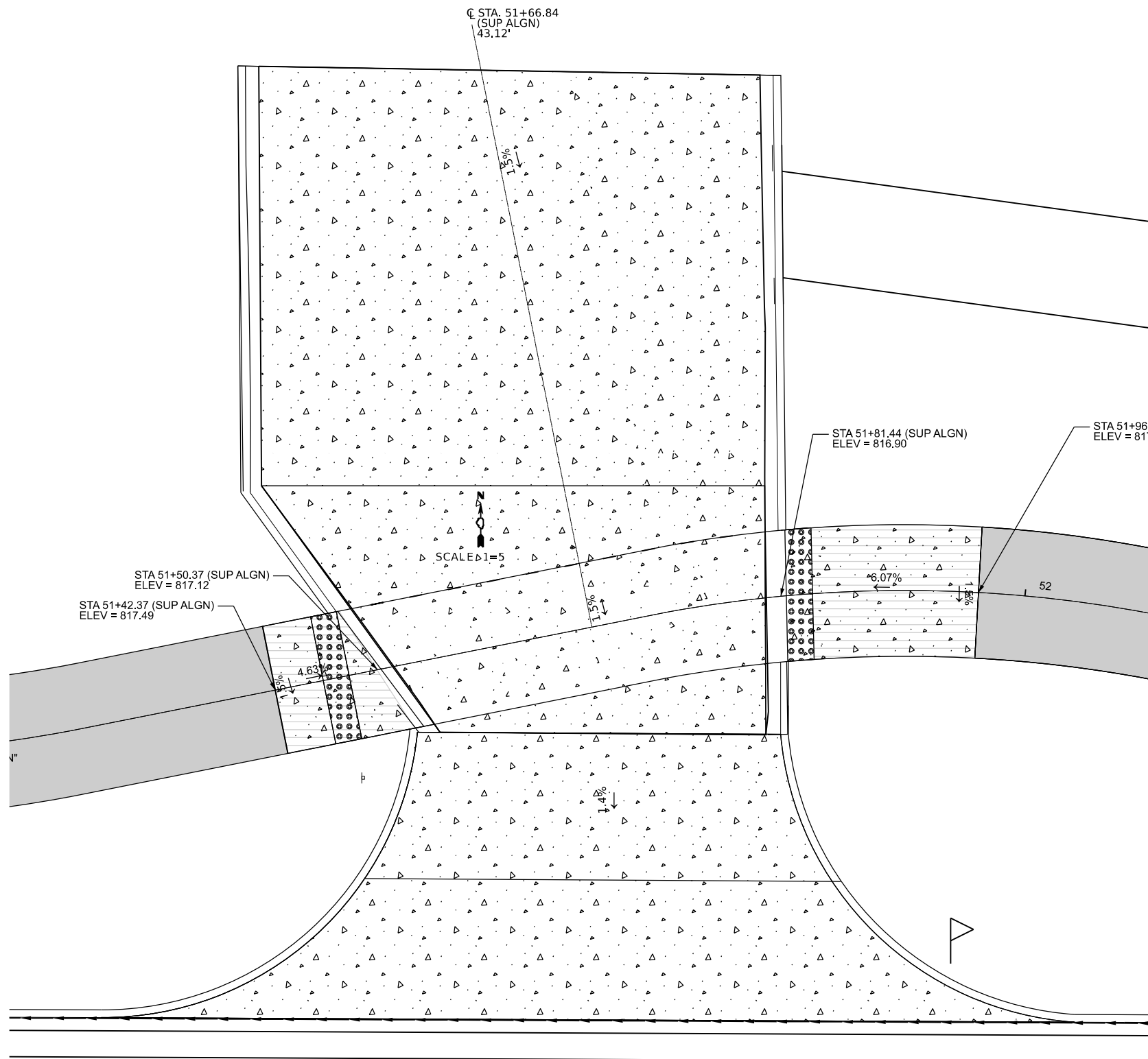
GREGORY STREET TRAIL EXTENSION



PROPOSED ENTRANCE DETAIL
(1 OF 4)

CONTRACT NO. 91620

SHEET
40 OF 65



LEGEND:

	PR PCC DRIVEWAY
	PR PCC SIDEWALK RAMP

GREGORY ST - GOLF COURSE ENTRANCE
STA 51+66.84 (SUP ALGN)

SCALE 1=5

MODEL: Default
 FILE NAME: W35174 - Gregory St. SUP - PH 11 (Normal)CADD\CADD_Sheets\5174-shc-ent.dgn



DESIGNED - AOF	DATE - 9-11-23
DRAWN - ...	
CHECKED - ...	
PROJECT #: - 5174	

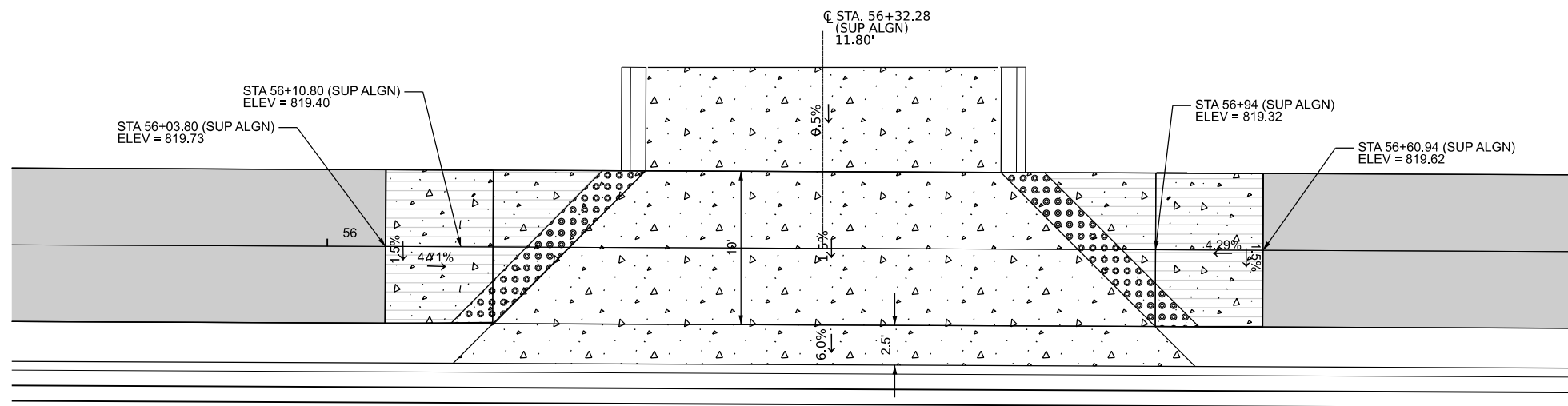
**GREGORY STREET
 TRAIL EXTENSION**



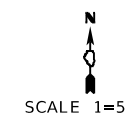
**PROPOSED ENTRANCE DETAIL
 (3 OF 4)**

CONTRACT NO. 91620

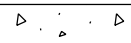
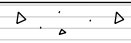
SHEET
 42 OF 65

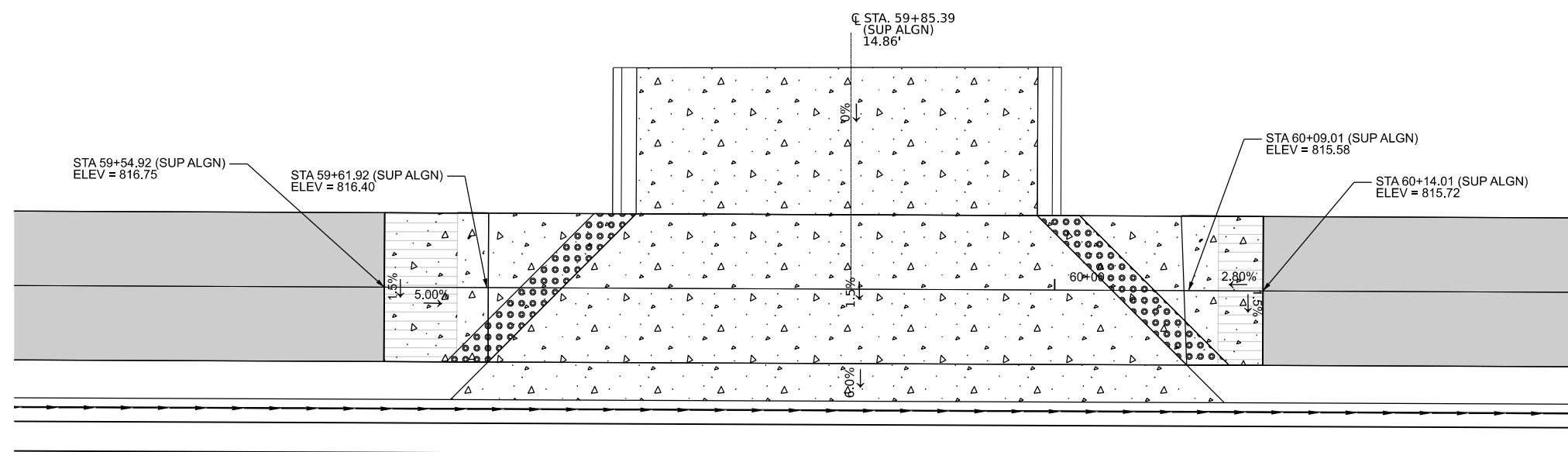


**GREGORY ST - WEIBRING GOLF CLUB PARKING
STA 56+32.28**

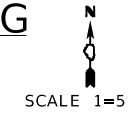


LEGEND:

-  PR PCC DRIVEWAY
-  PR PCC SIDEWALK RAMP



**GREGORY ST - WEIBRING GOLF CLUB PARKING
STA 59+85.39**



MODEL Default
FILE NAME: W3174 - Gregory St - SUP - PH 11 (Normal)CADD\CADD_Sheets\3174-shc-ent.dgn



DESIGNED - AOF	DATE - 9-11-23
DRAWN - ...	
CHECKED - ...	
PROJECT #: - 5174	

**GREGORY STREET
TRAIL EXTENSION**

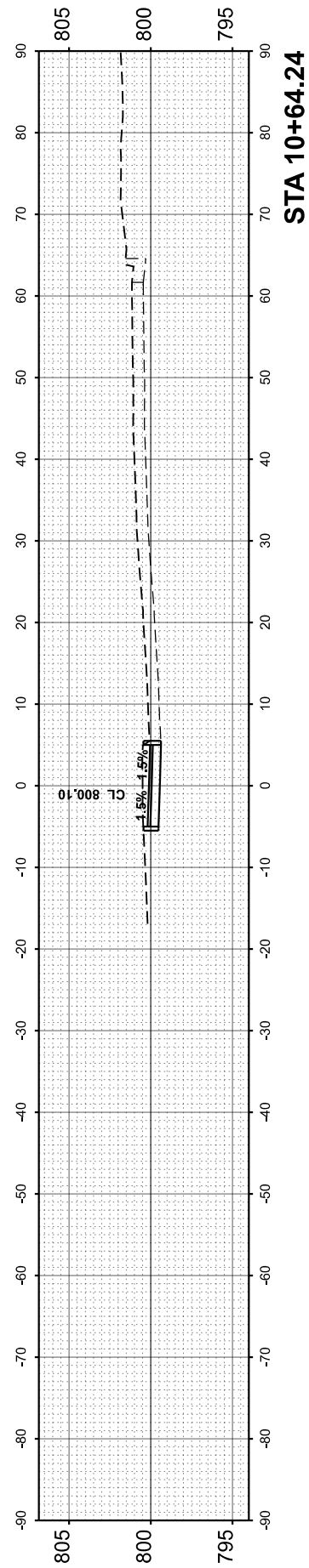
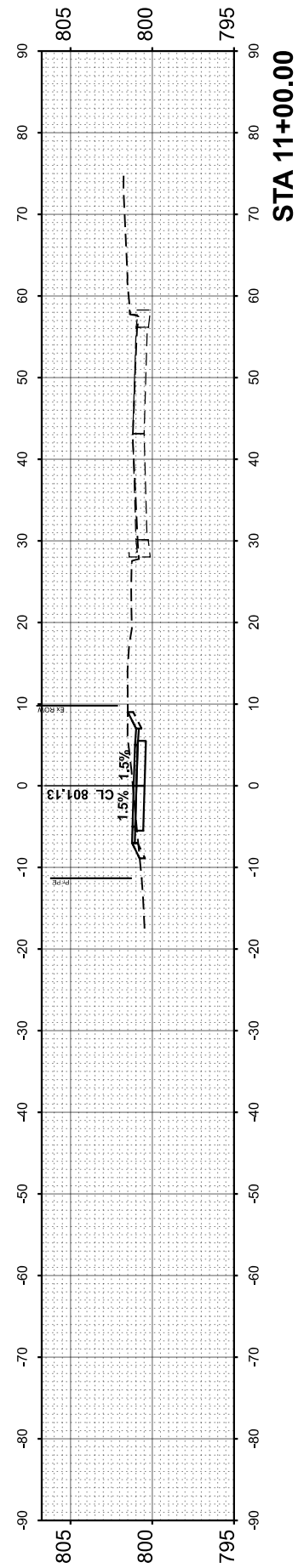
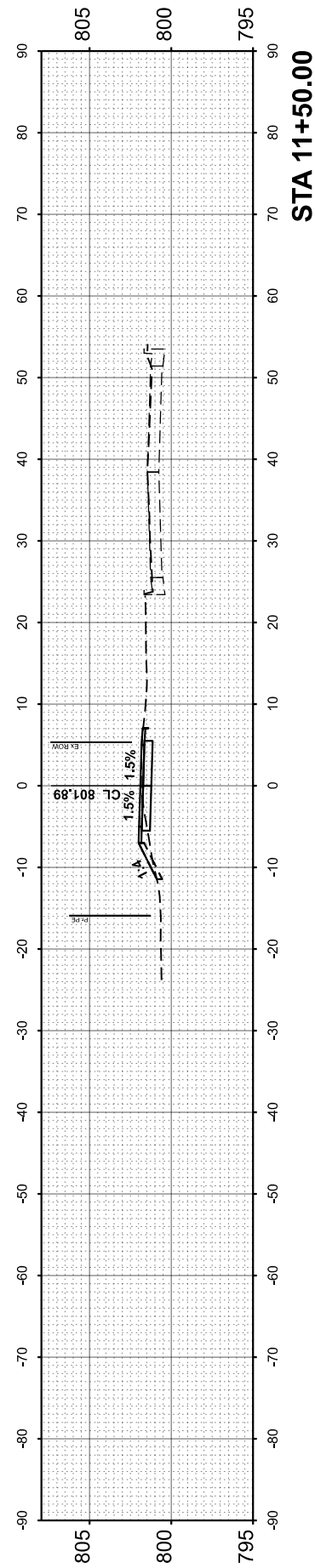
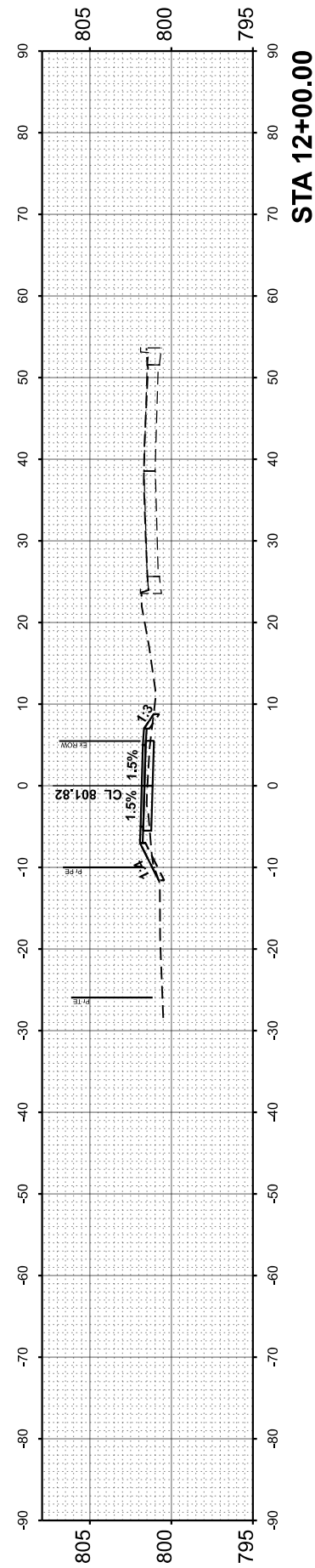
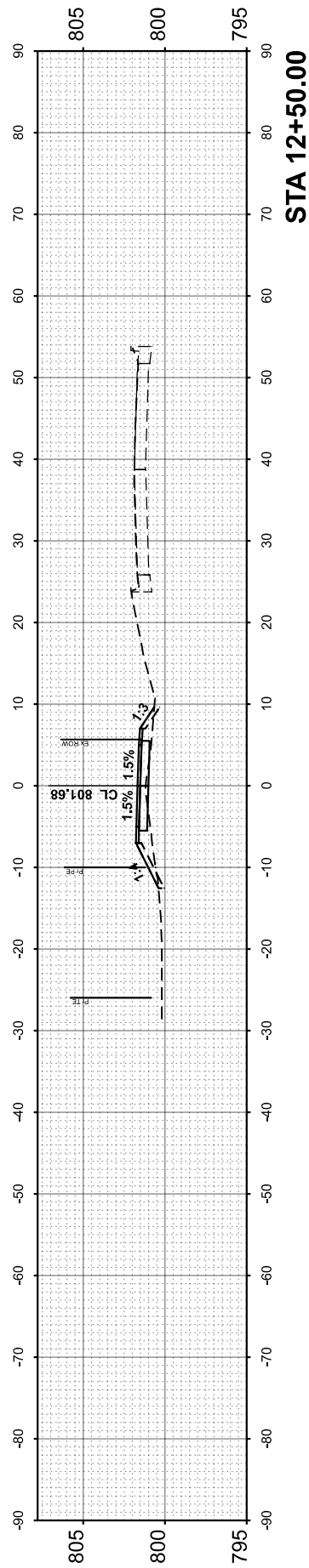
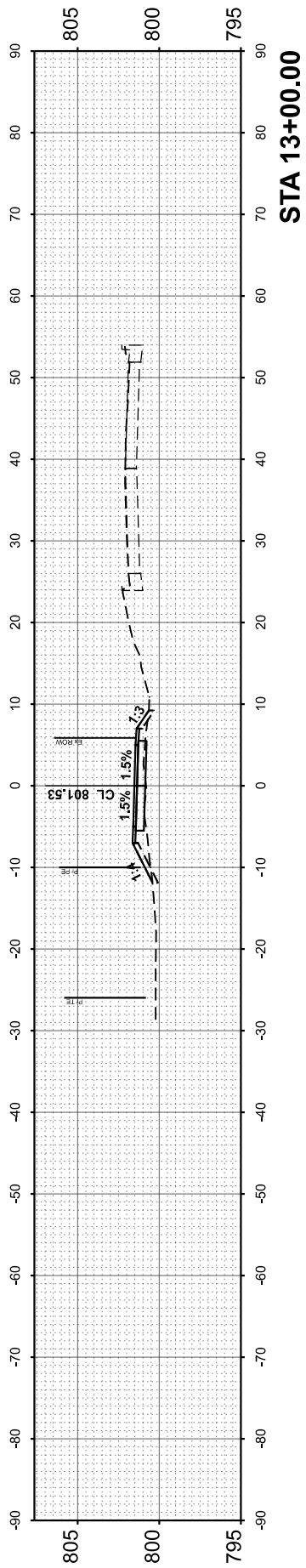
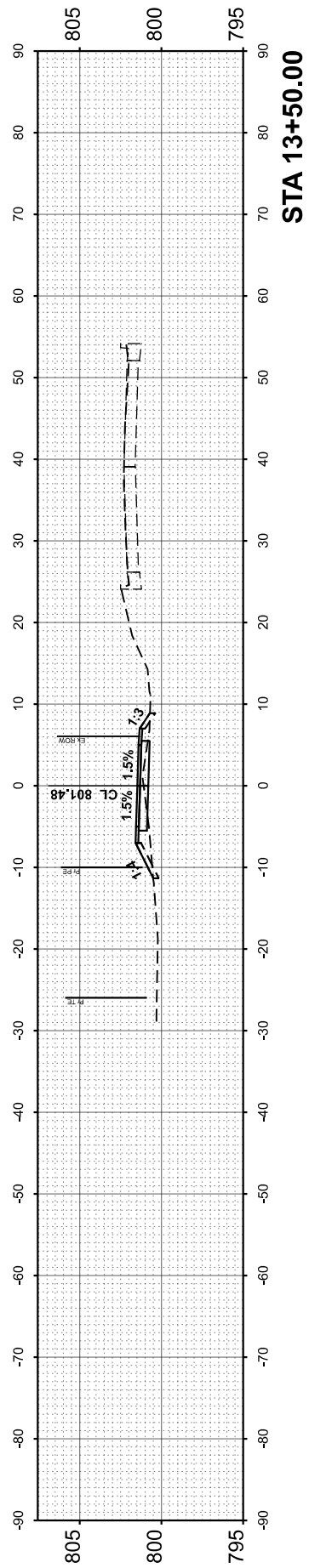


**PROPOSED ENTRANCE DETAIL
(4 OF 4)**

CONTRACT NO. 91620

**SHEET
43 OF 65**

MODEL: P:\CL-3-10_464_21 (5)sheet
 FILE NAME: V05174 - Gregory St. SUP - PH (Normal\CADD\CADD Sheets\5174-sh-cvts.dgn



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT # - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

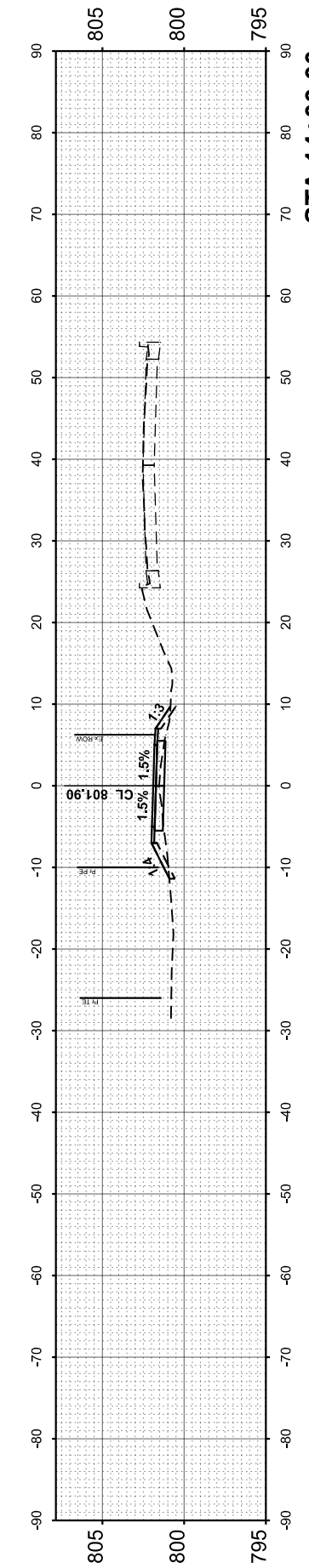
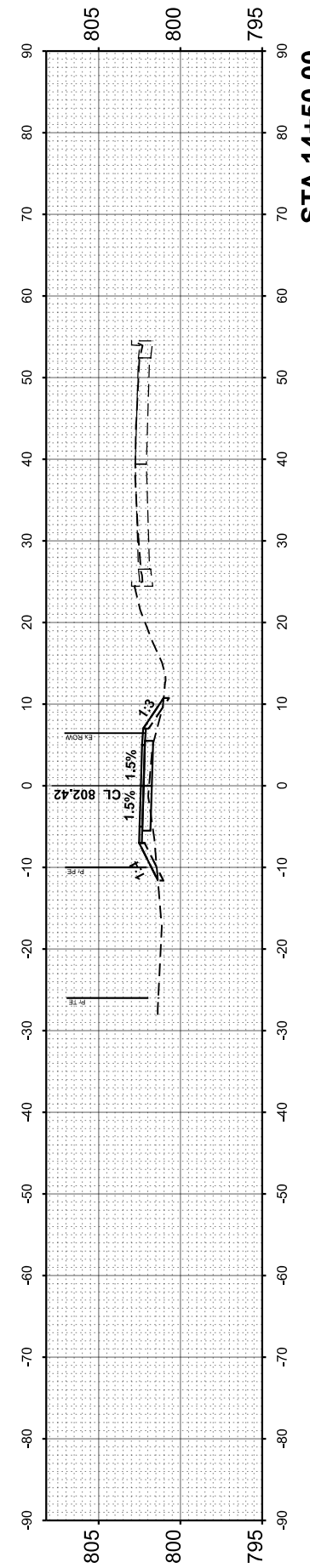
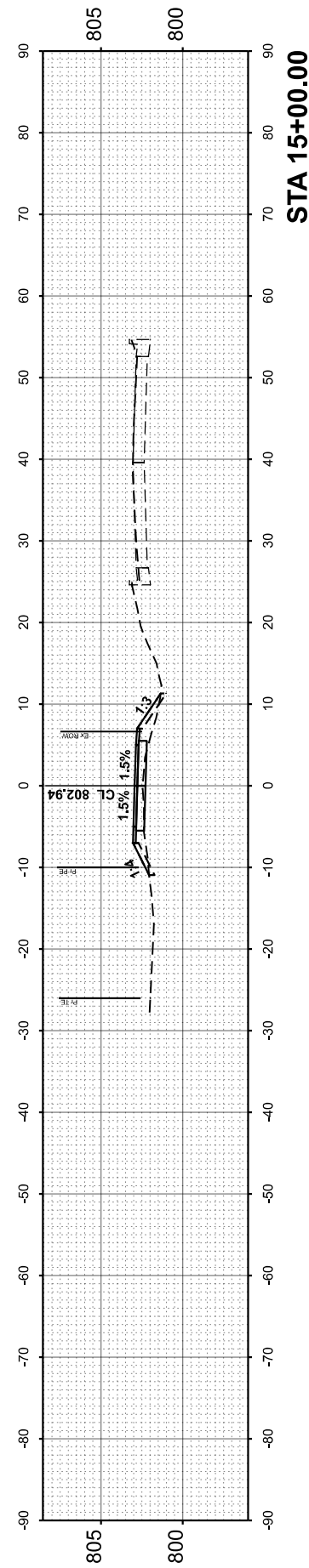
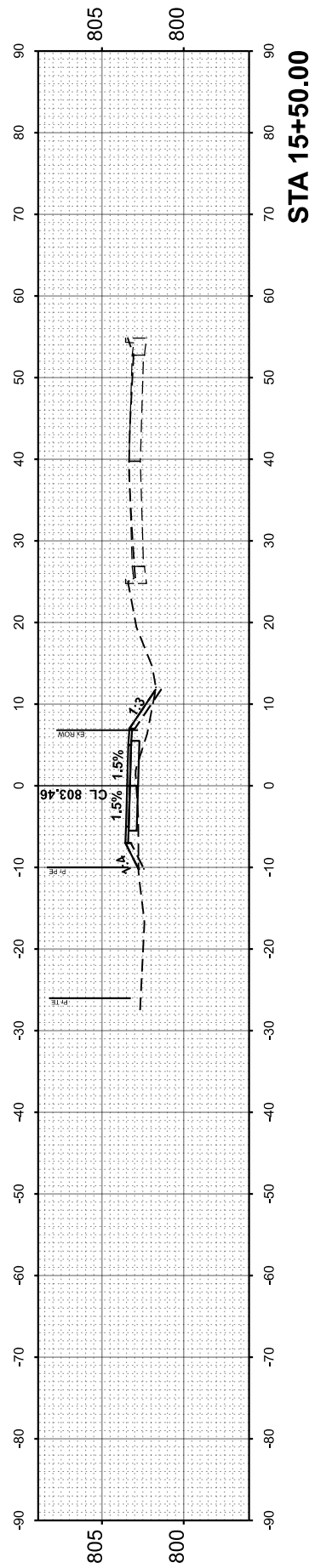
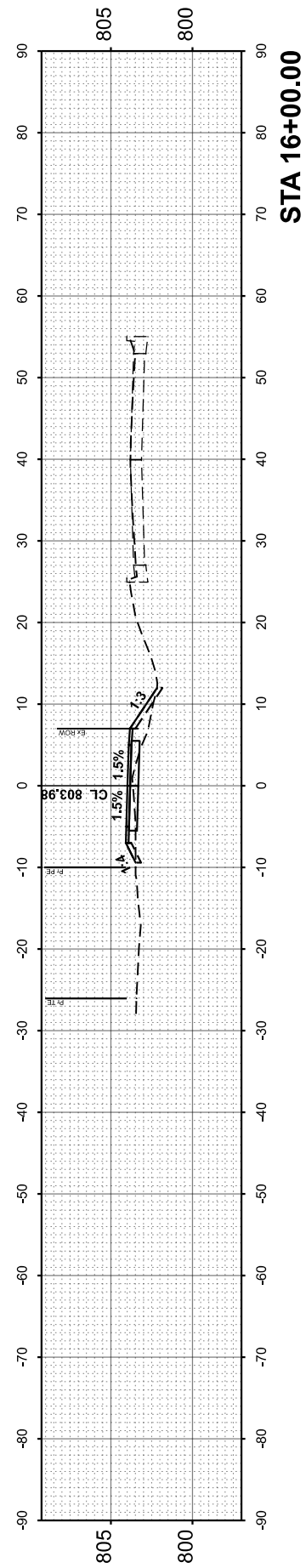
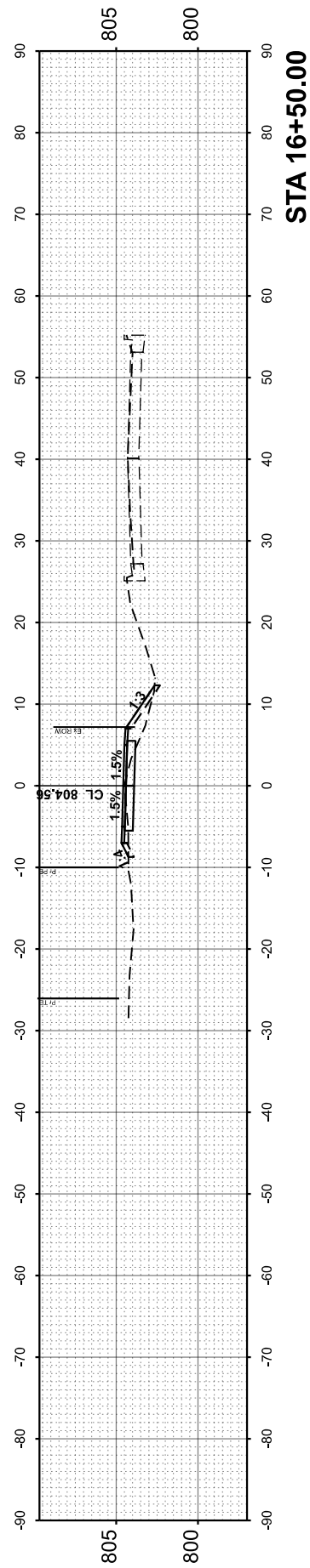
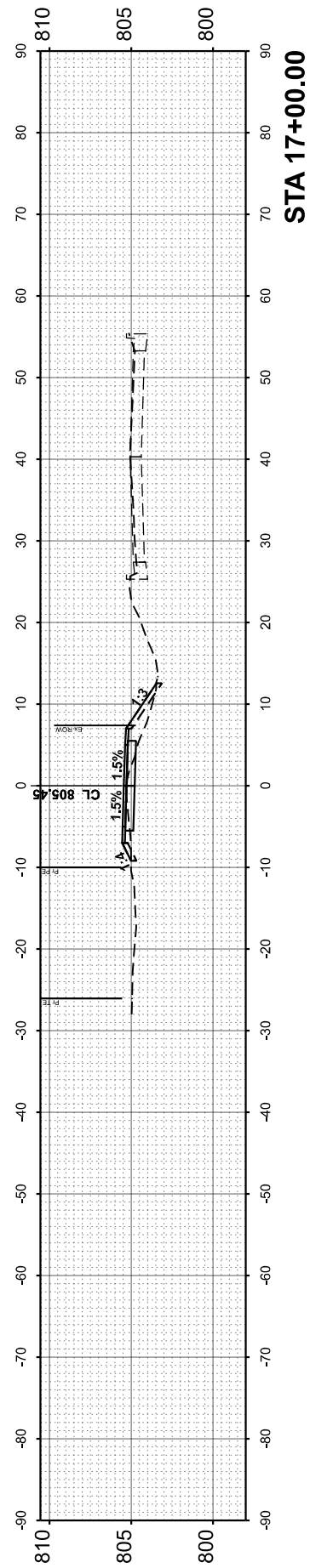


CROSS SECTIONS

CONTRACT NO. 91620

**SHEET
 44 OF 65**

MODEL: P:\CL-14_00.00 (5) (1).dgn
 FILE NAME: V05174 - Gregory St. SUP - PH (Normal)CADD\CADD Sheets\13174-sh-cs-hs.dgn



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

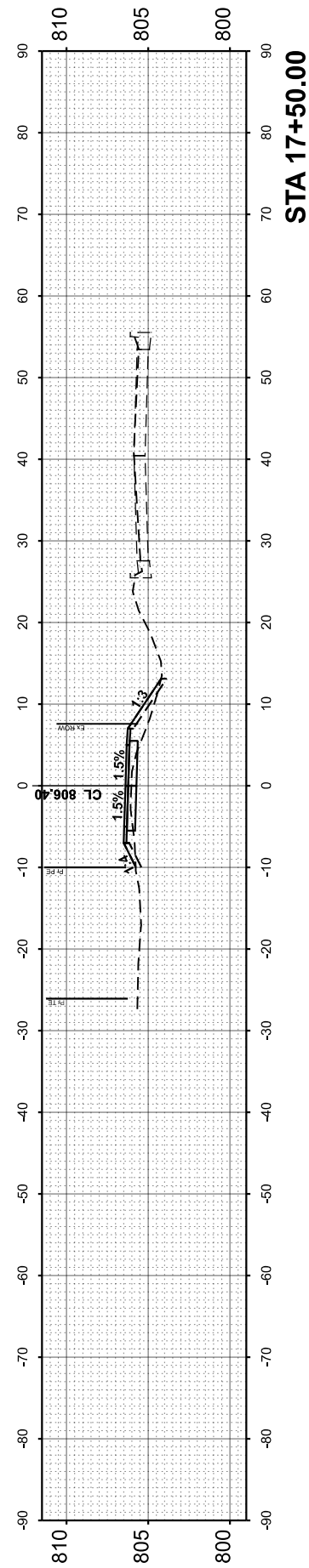
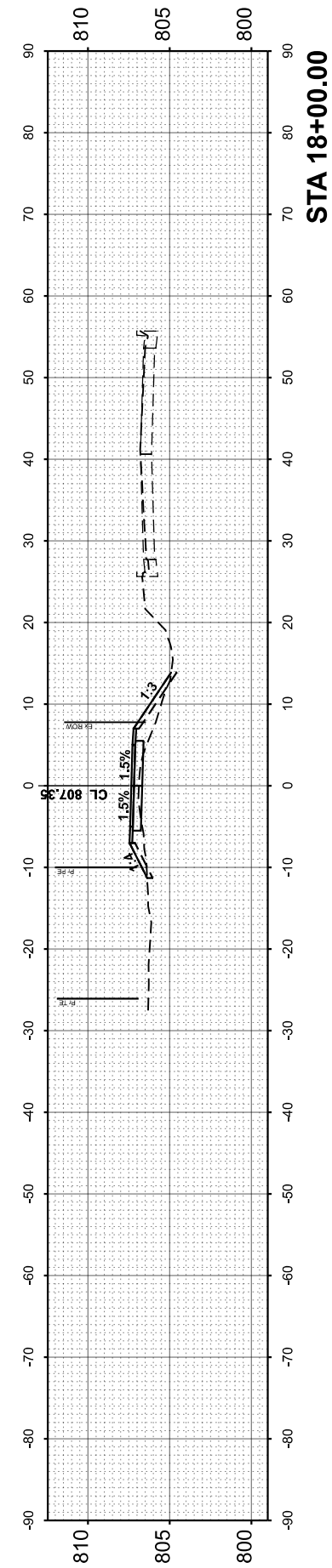
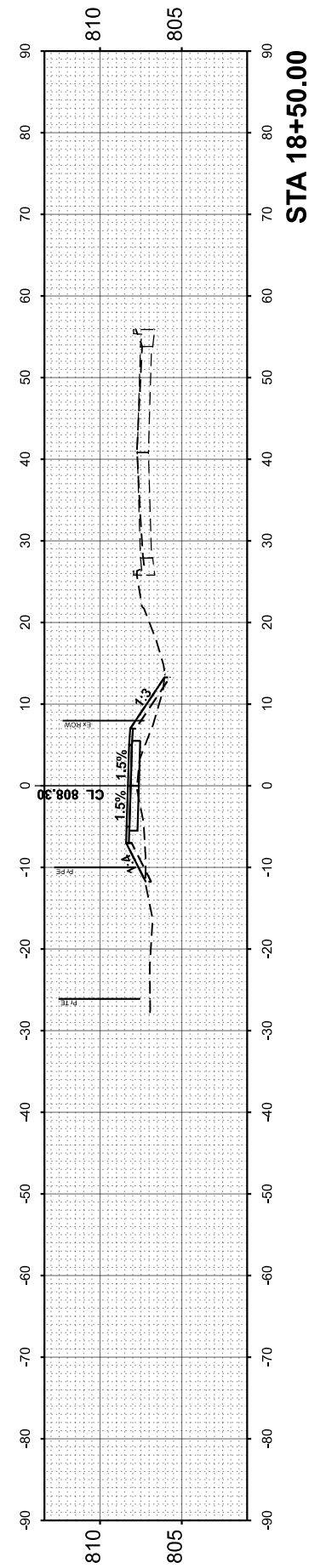
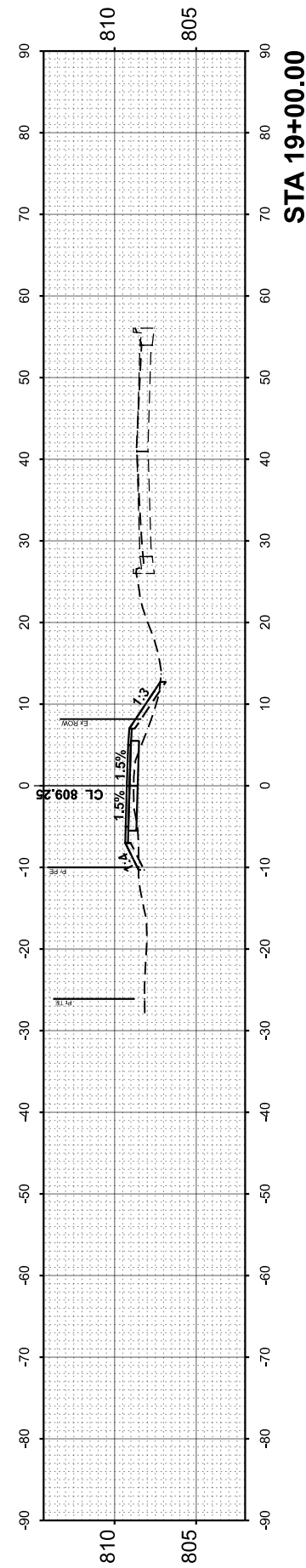
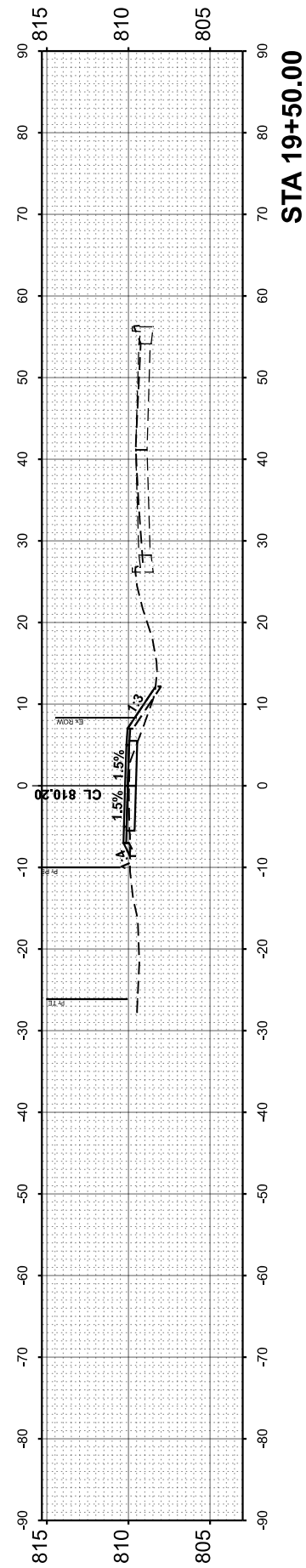
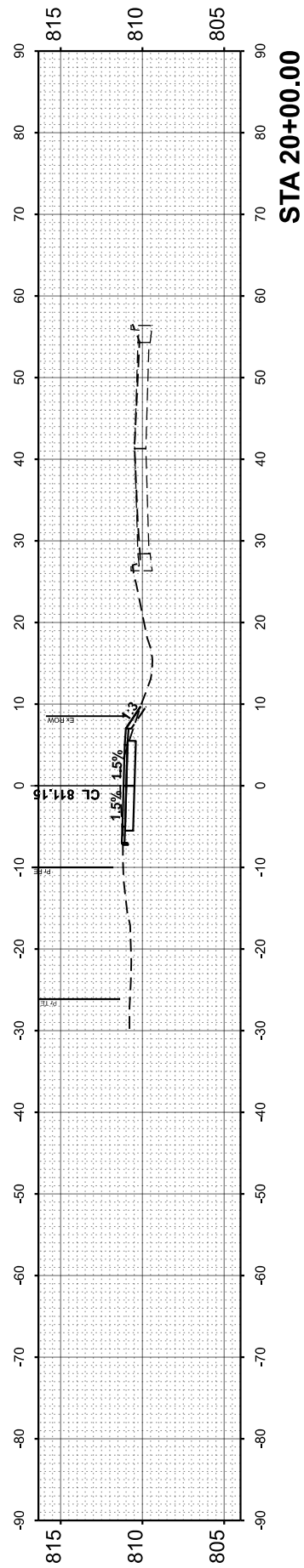
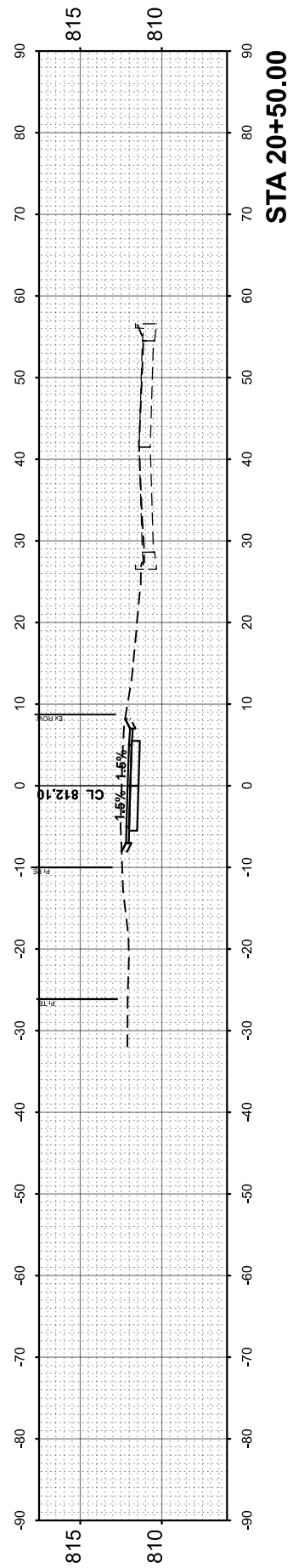


CROSS SECTIONS

CONTRACT NO. 91620

SHEET
 45 OF 65

MODEL: P:\CL-17+50.00 (Sheet)
 FILE NAME: V05174 - Gregory St. SUP - PH.dwg (Normal\CADD\CADD Sheets\5174-sh-cvhtb.dwg)



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

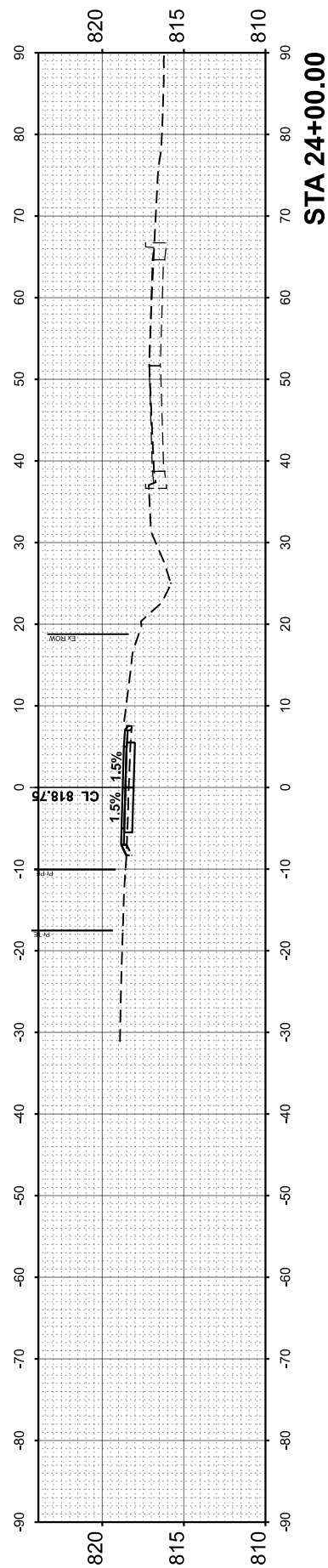


CROSS SECTIONS

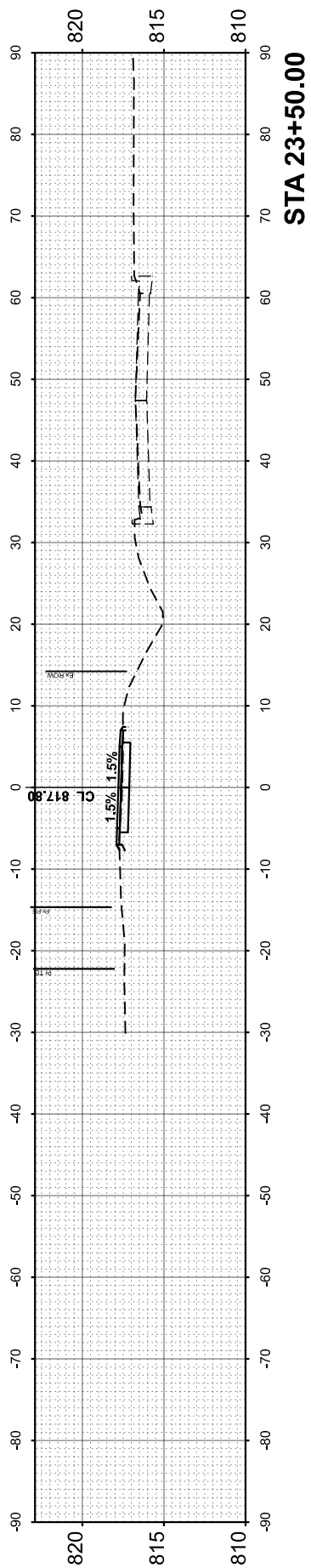
CONTRACT NO. 91620

SHEET
 46 OF 65

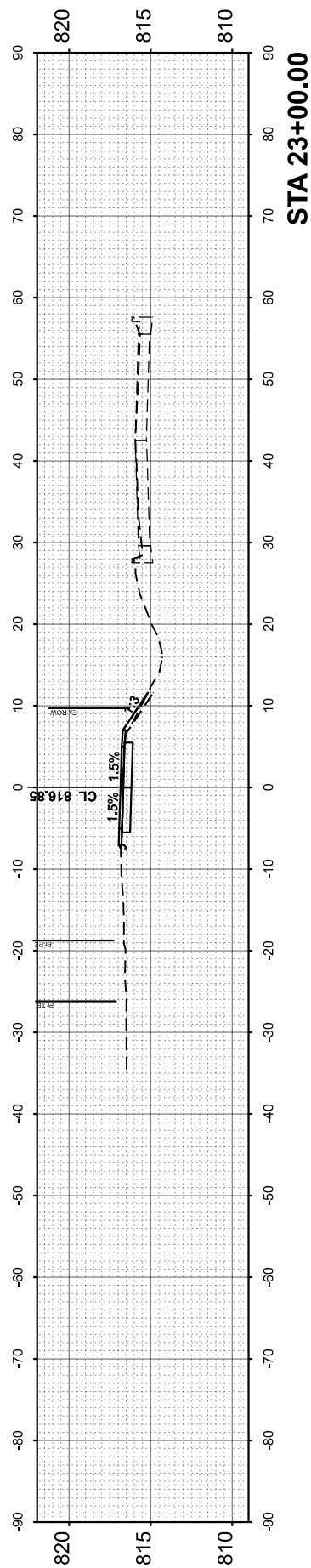
MODEL: P:\CL-2-21-00-00\5174.dwg
 FILE NAME: 5174 - Gregory St. SUP - PH.dwg (Normal\CADD\CADD Sheets\5174-Subsections.dwg)



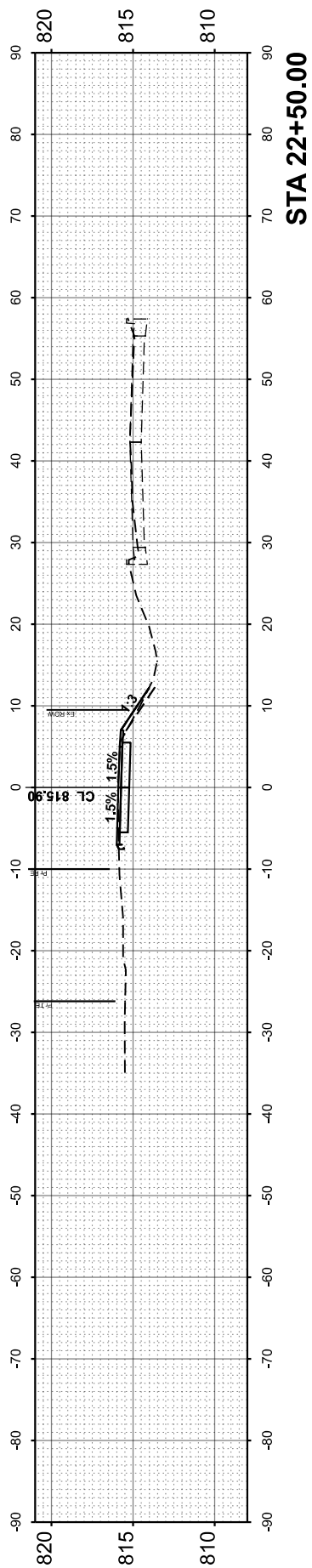
STA 24+00.00



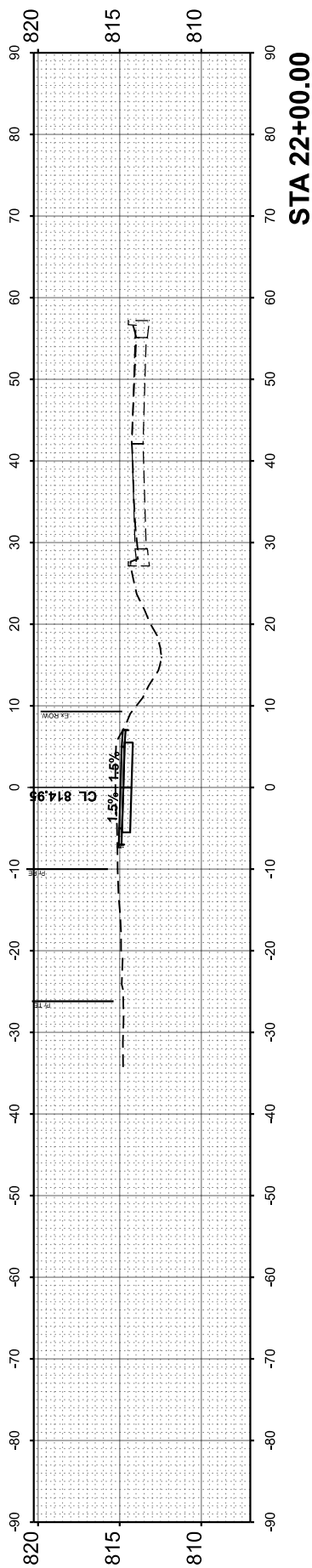
STA 23+50.00



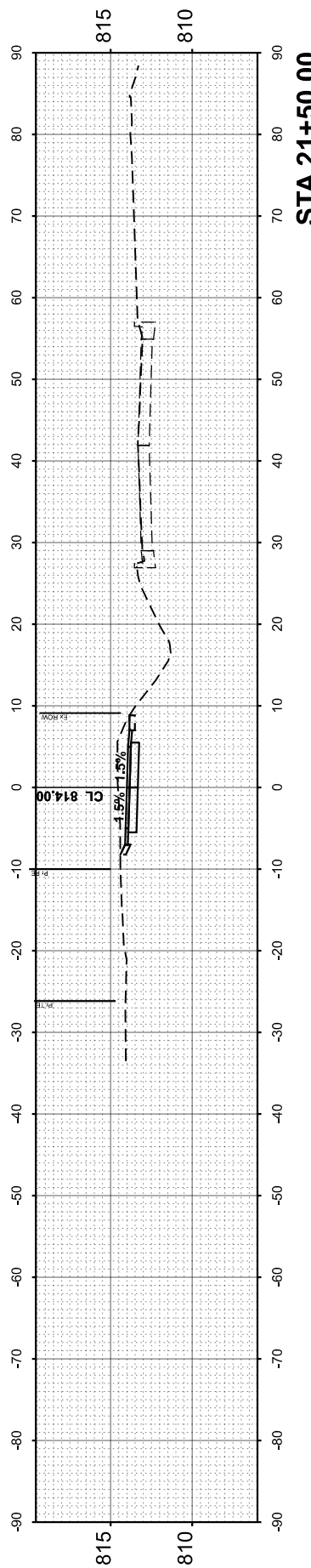
STA 23+00.00



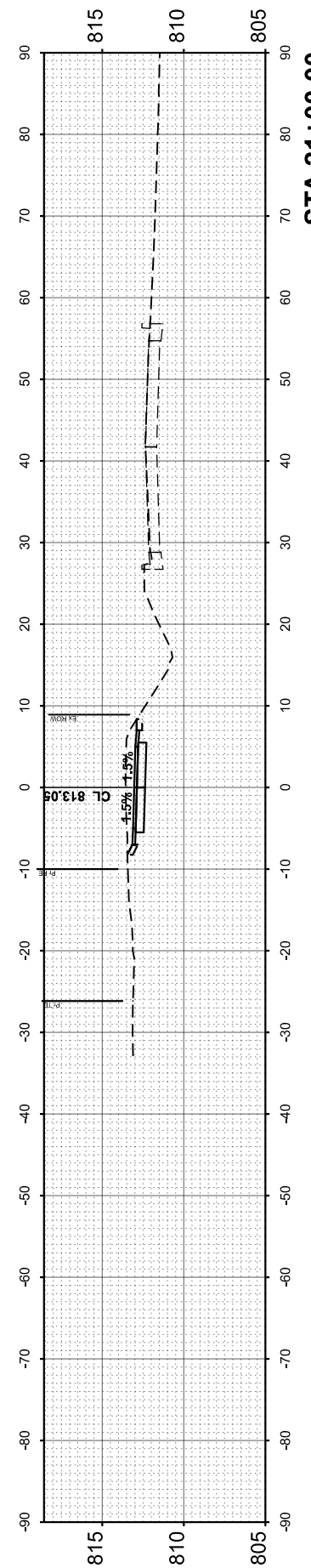
STA 22+50.00



STA 22+00.00



STA 21+50.00



STA 21+00.00



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

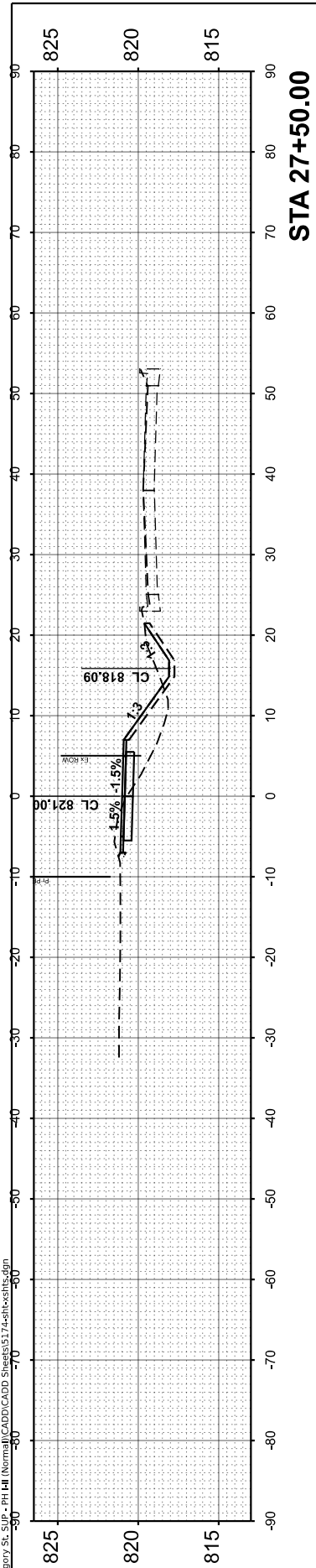


CROSS SECTIONS

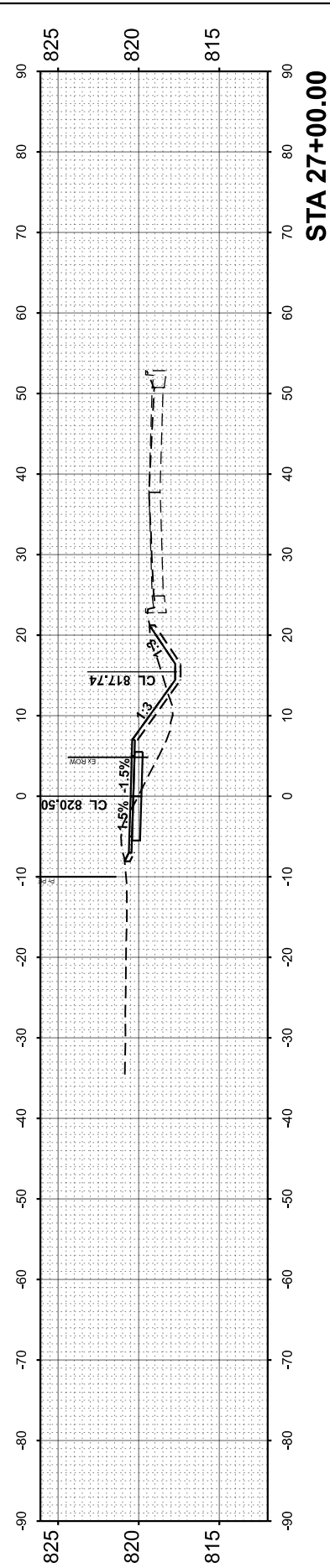
CONTRACT NO. 91620

SHEET
 47 OF 65

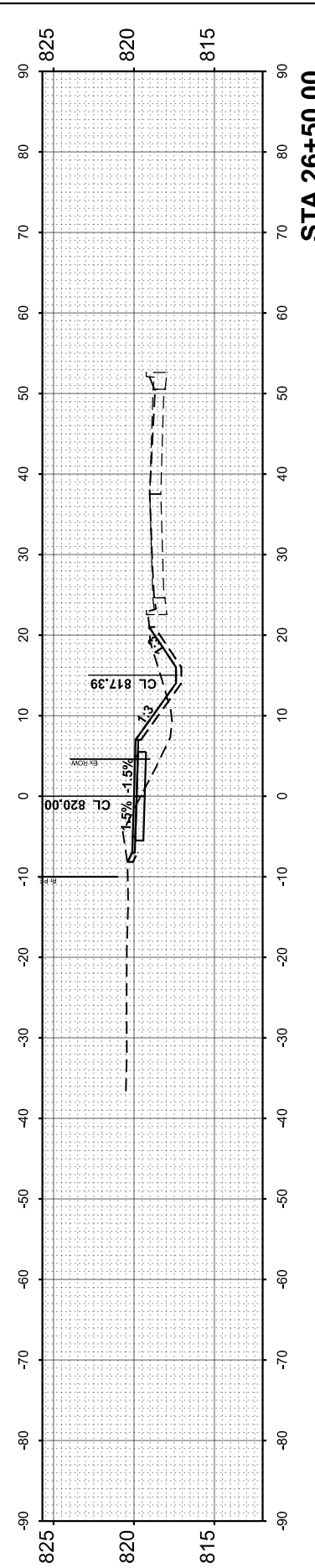
MODEL: P:\CL-24+50.00 (5/16/21)
 FILE NAME: V05174 - Gregory St. SUP - PH.HI (Normal)\CADD\CADD Sheets\3174-sh-cs-hb.dgn



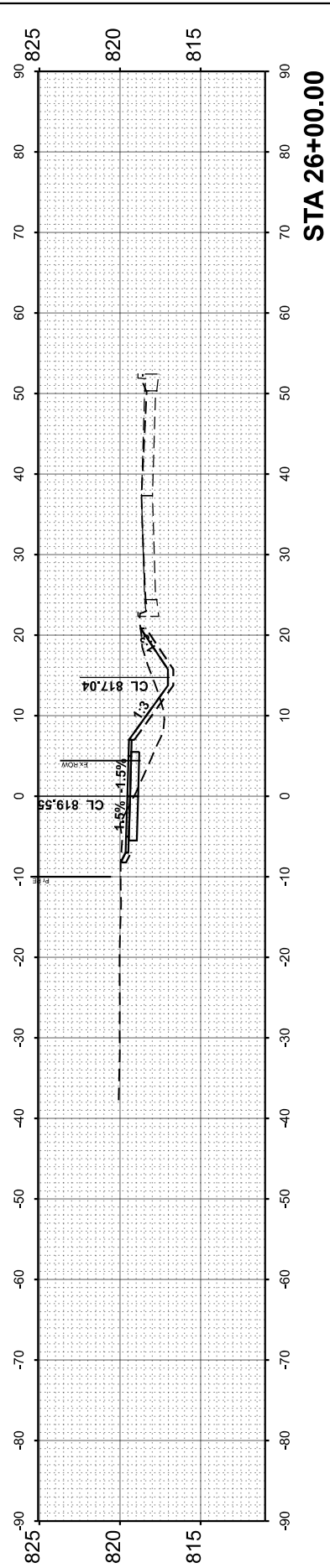
STA 27+50.00



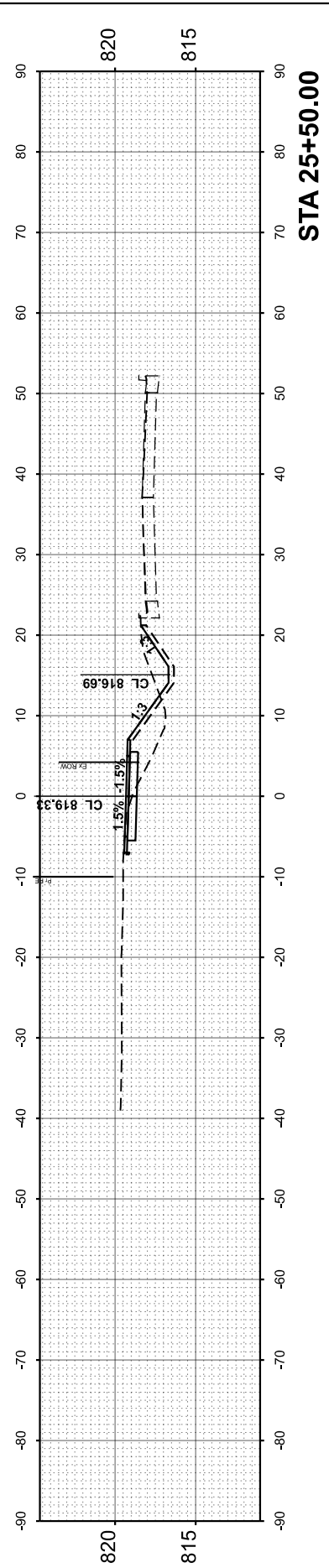
STA 27+00.00



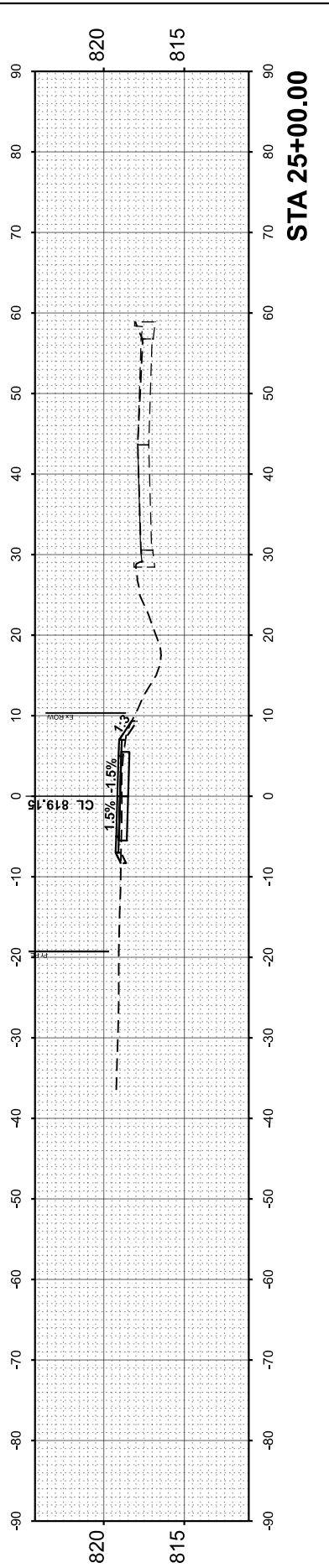
STA 26+50.00



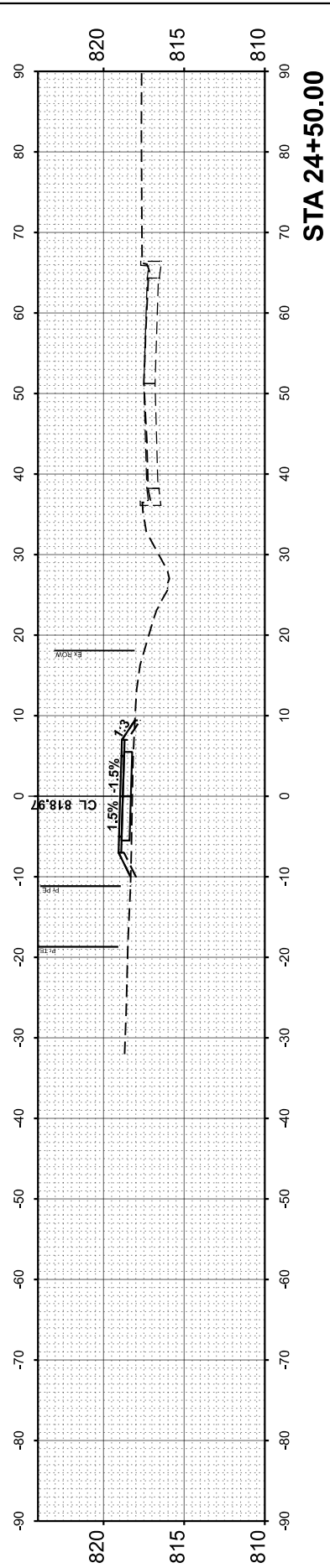
STA 26+00.00



STA 25+50.00



STA 25+00.00



STA 24+50.00



DESIGNED - AOF DATE - 11-3-23
 DRAWN -
 CHECKED - RMB
 PROJECT #: - 5174

**GREGORY STREET
 TRAIL EXTENSION**

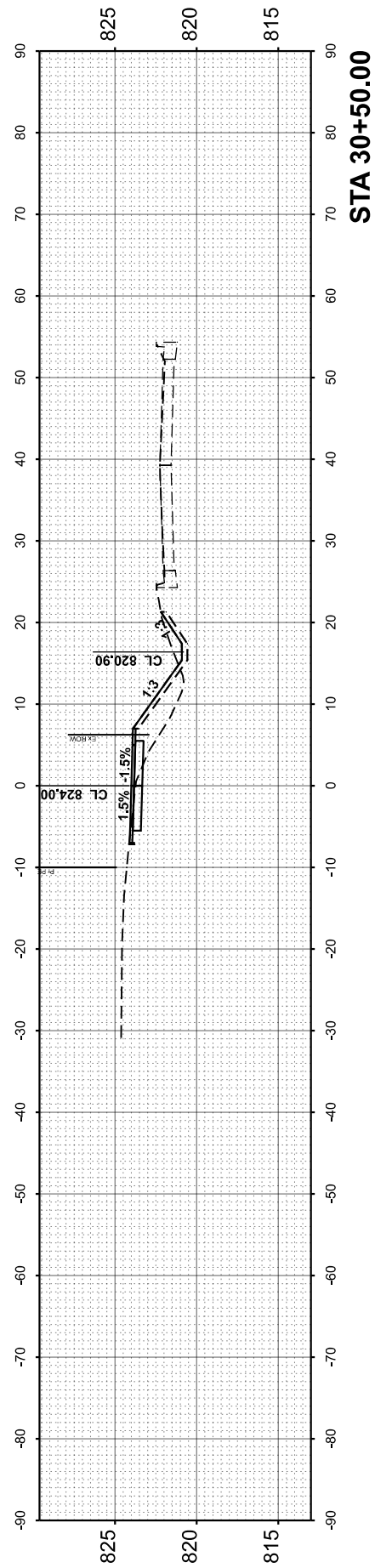


CROSS SECTIONS

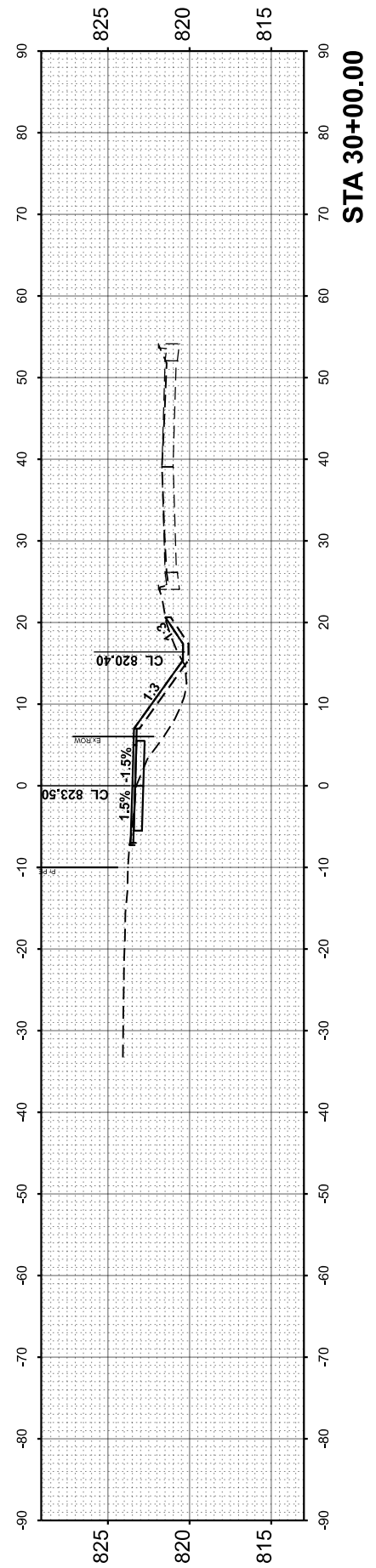
CONTRACT NO. 91620

SHEET
 48 OF 65

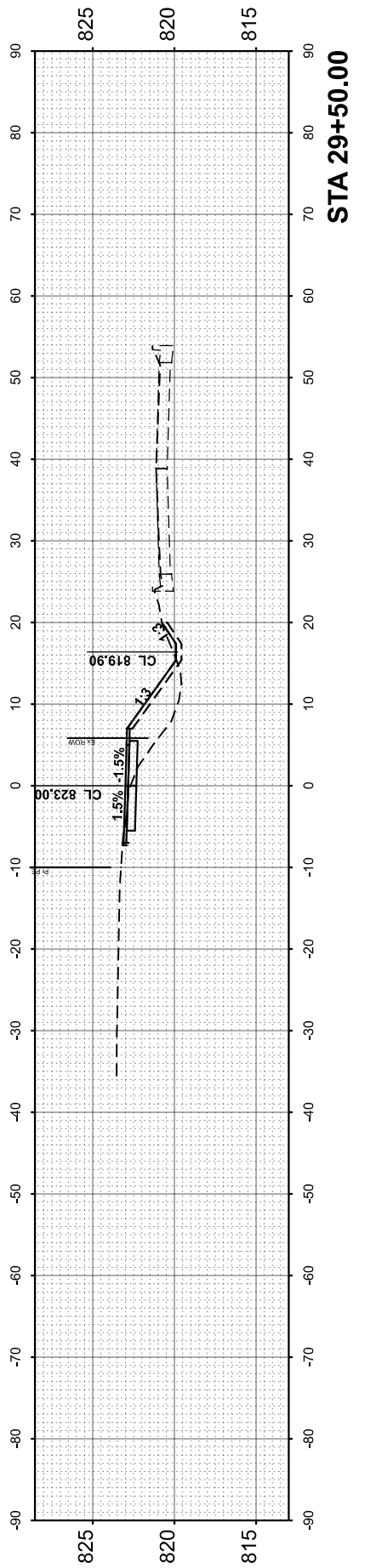
MODEL: P:\CL-2-28-00.00 (5/16/14)
 FILE NAME: 05174 - Gregory St. SUP - PH.HI (Normal)\CADD\CADD Sheets\5174-sh-cs-hs.dgn



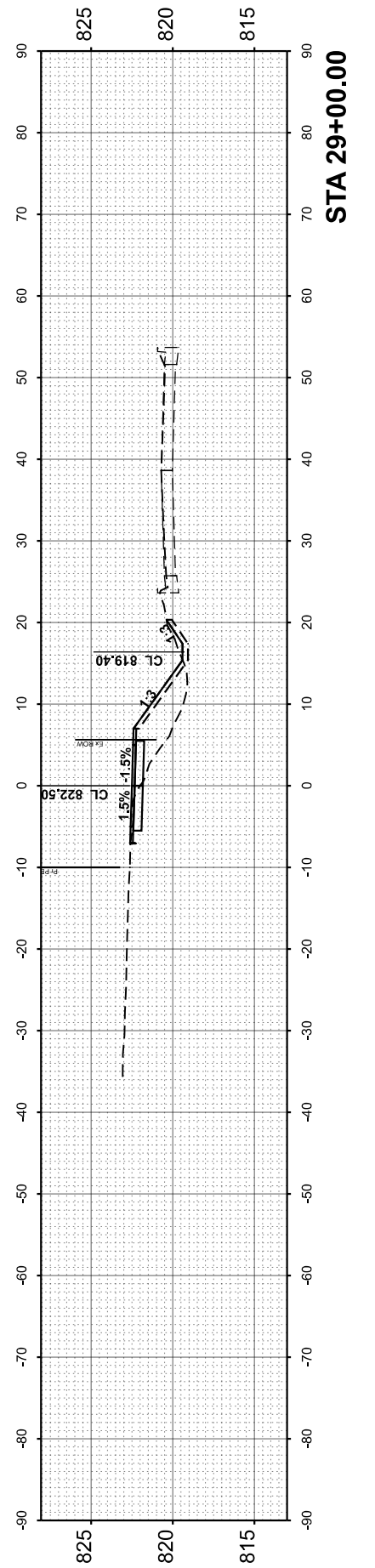
STA 30+50.00



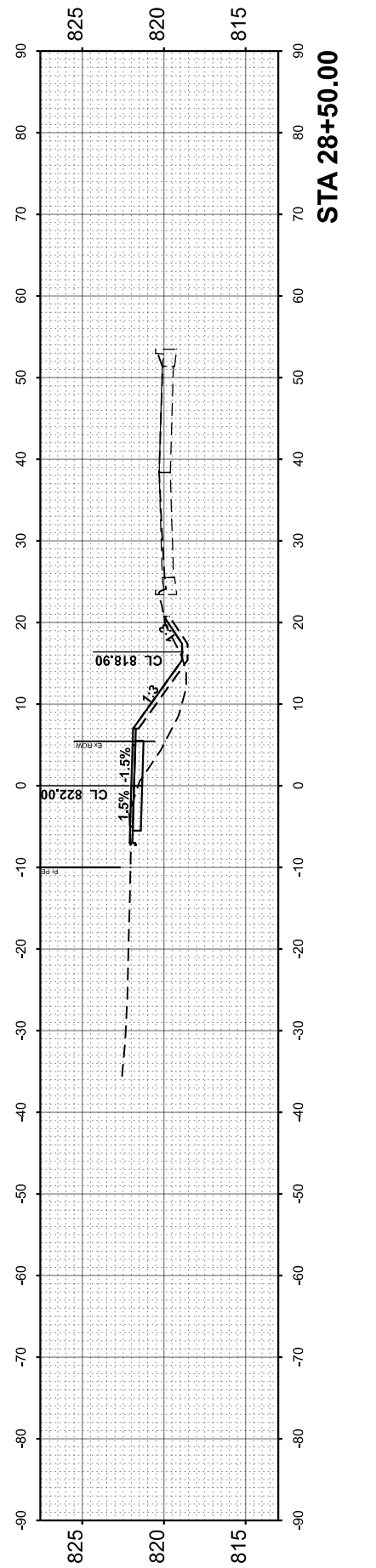
STA 30+00.00



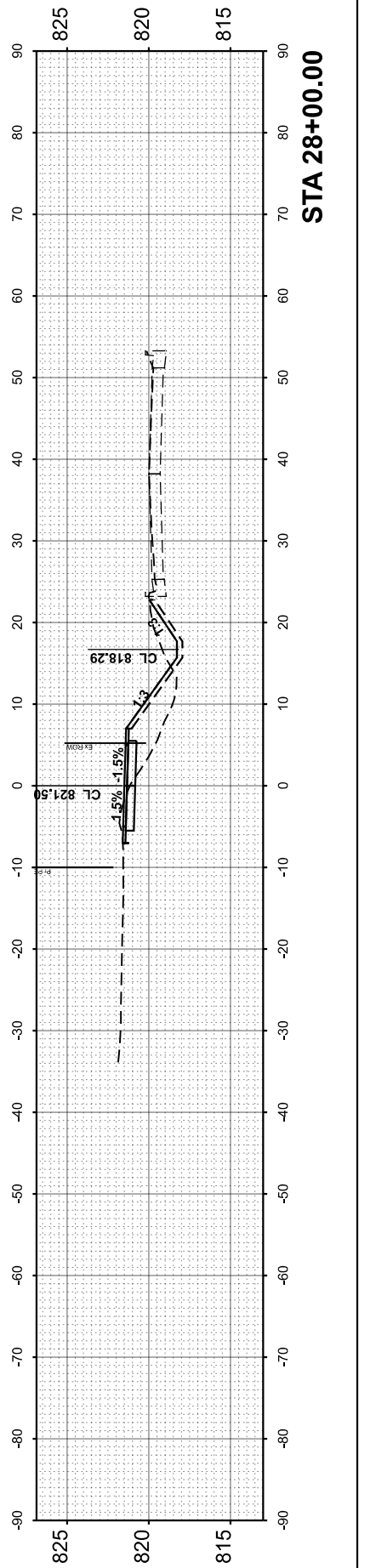
STA 29+50.00



STA 29+00.00



STA 28+50.00



STA 28+00.00



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

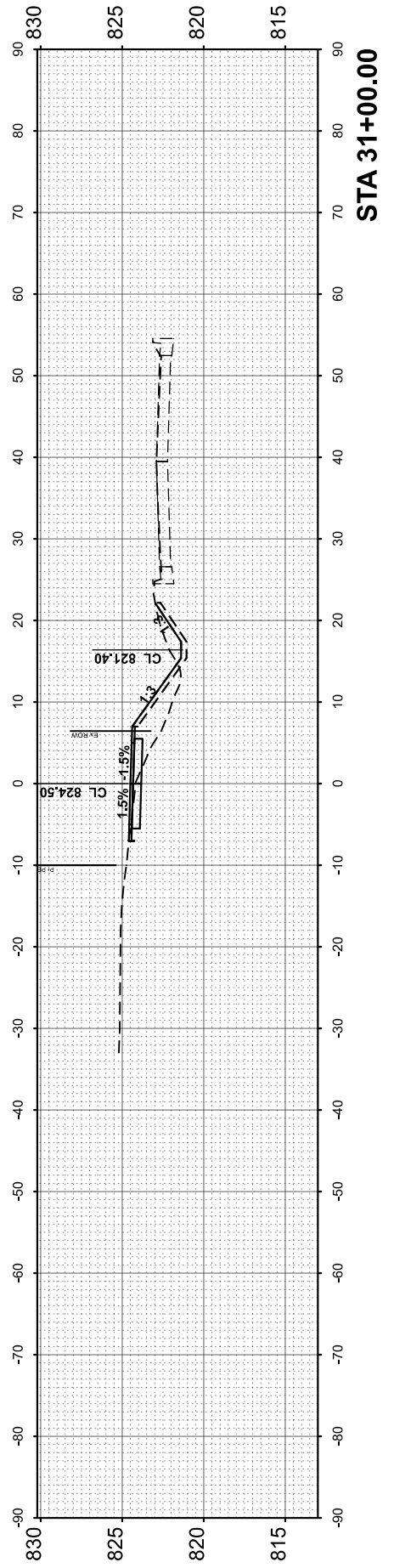
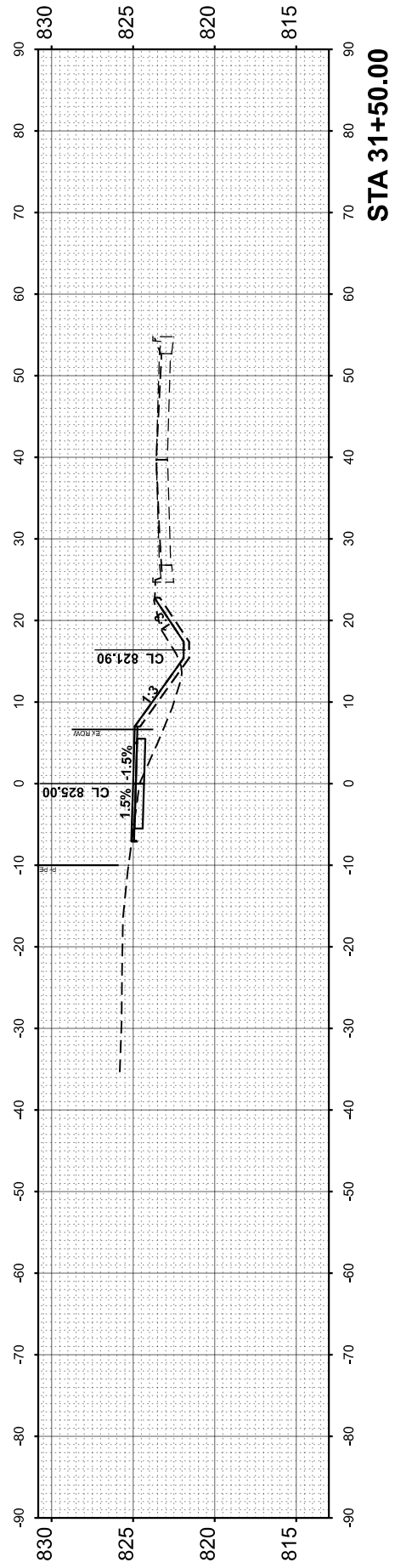
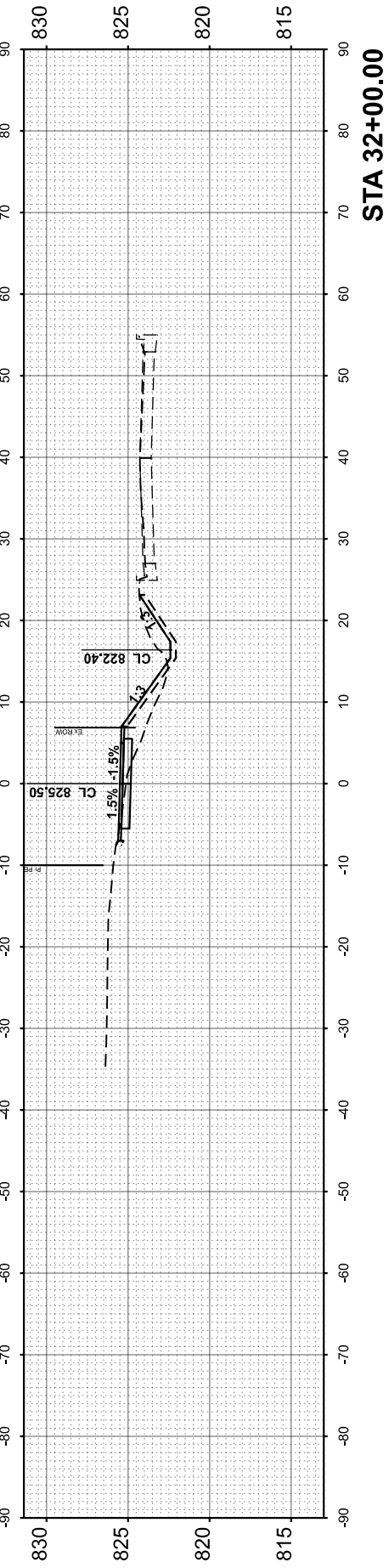
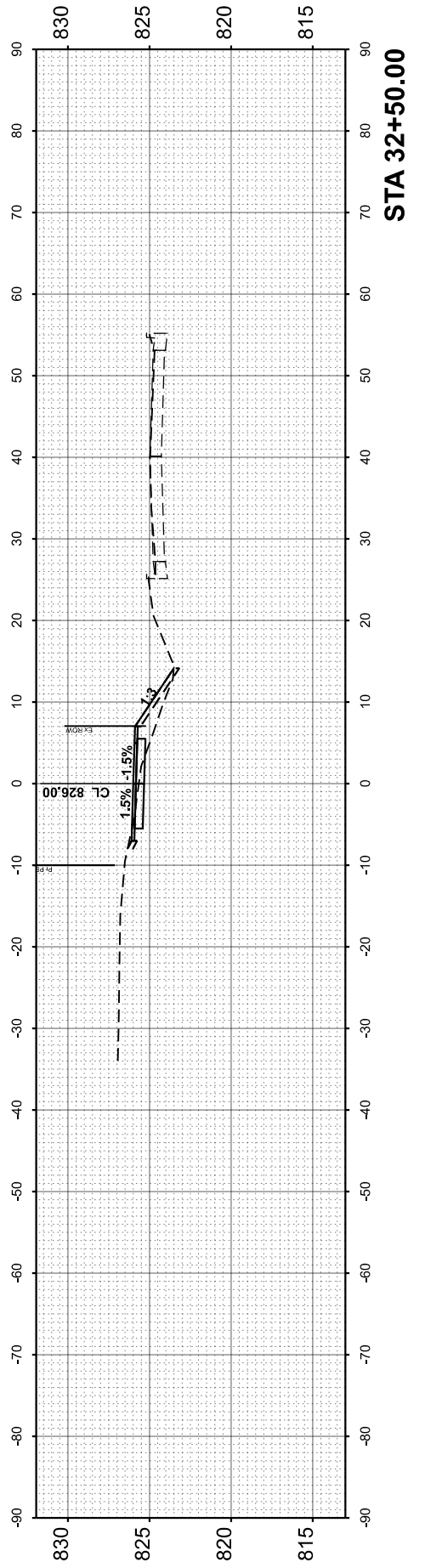
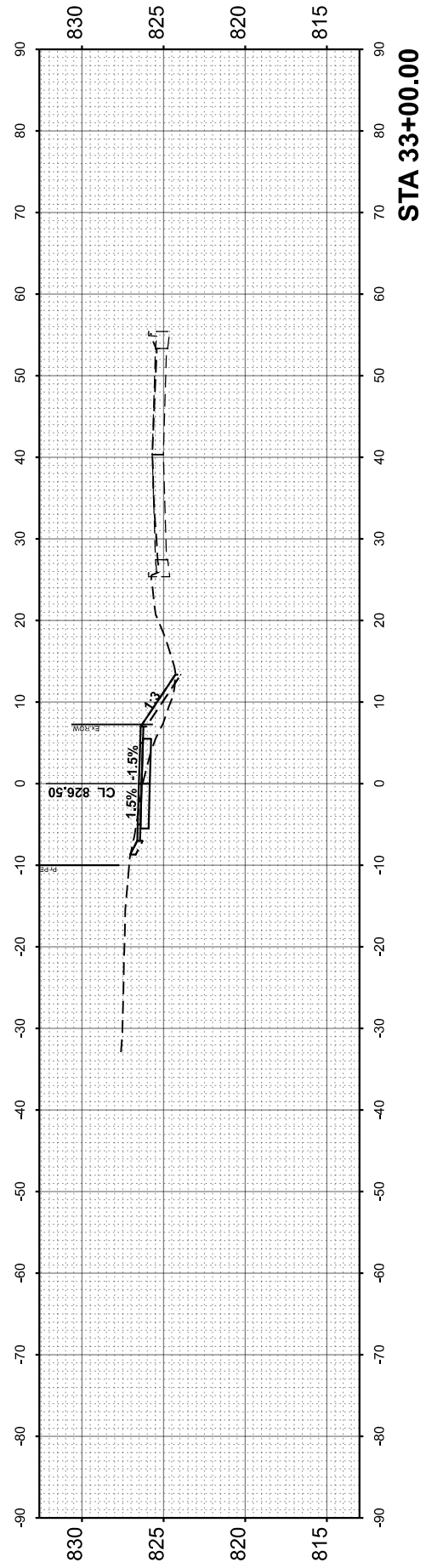


CROSS SECTIONS

CONTRACT NO. 91620

**SHEET
 49 OF 65**

MODEL: P:\CL-31_400.00 (5) (1).dgn
 FILE NAME: V05174 - Gregory St. SUP - PH (Normal)CADD\CADD Sheets\3174-sh-cs-hb.dgn



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

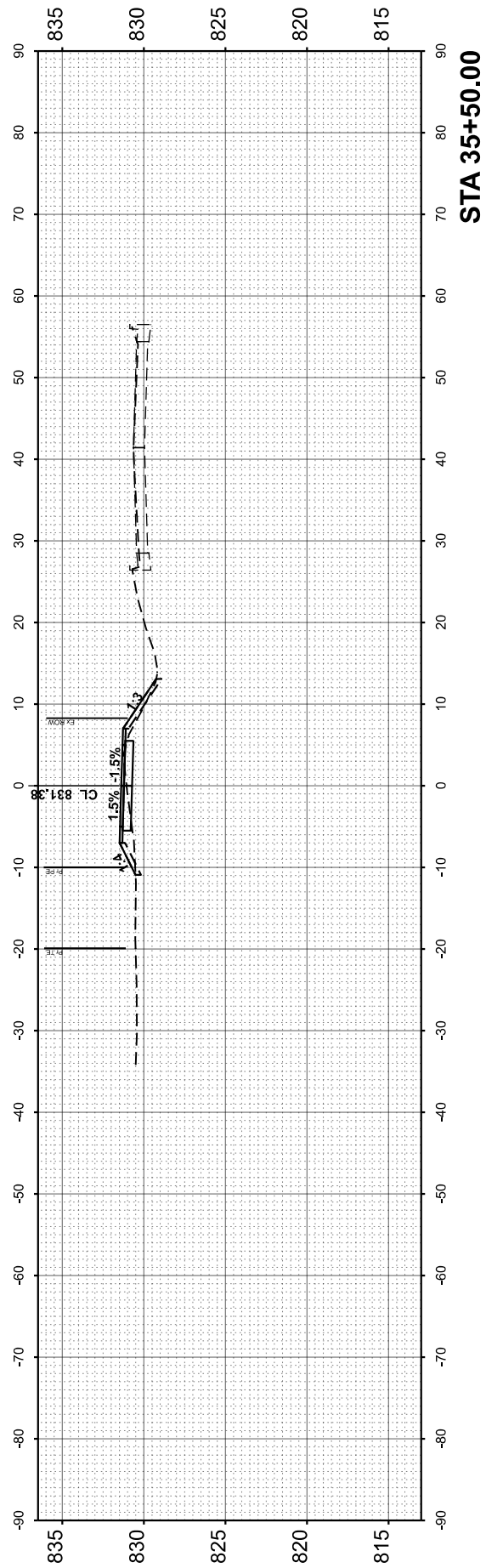


CROSS SECTIONS

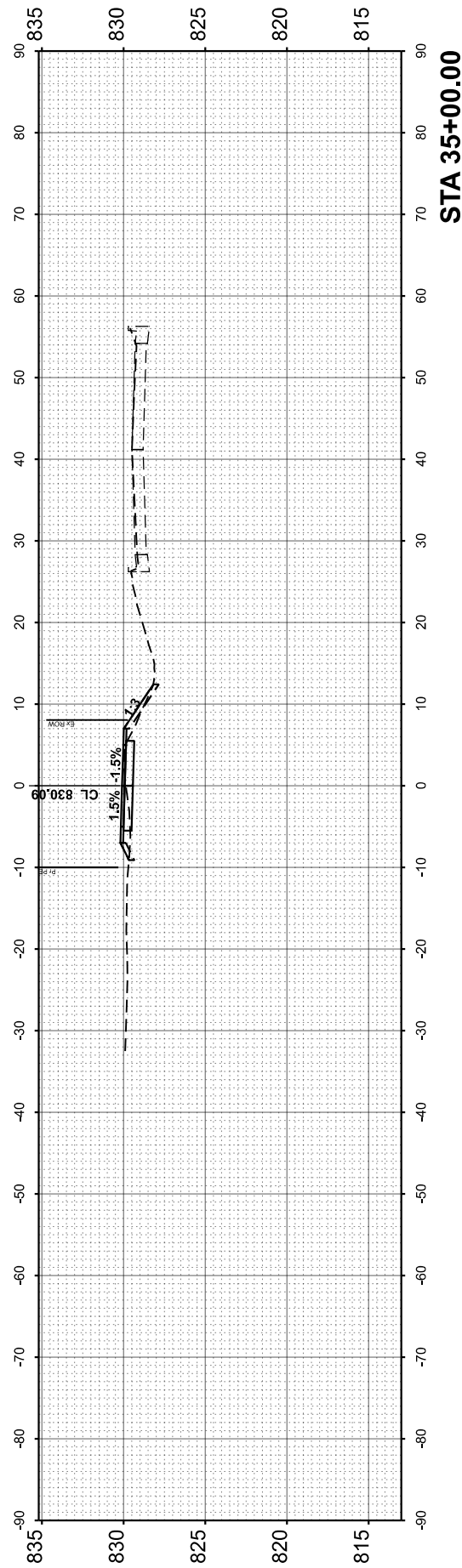
CONTRACT NO. 91620

**SHEET
 50 OF 65**

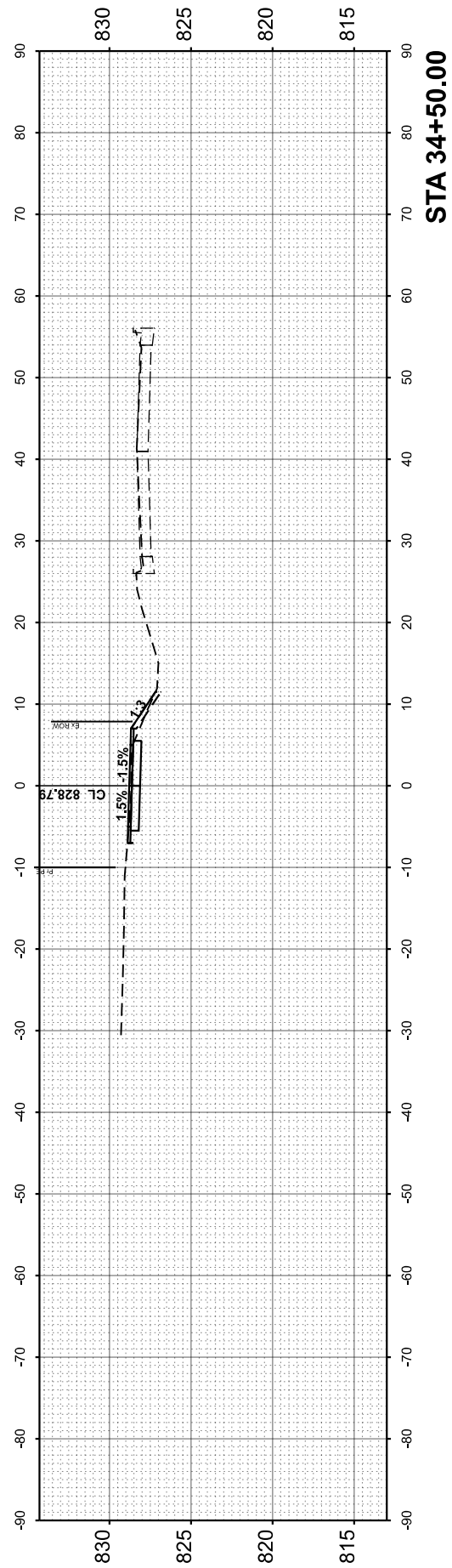
MODEL: P:\CL-2-33+50.00 (Sheet)
 FILE NAME: V05174 - Gregory St. SUP - PH.dwg (Normal)\CADD\CADD Sheets\5174-shc-hb.dwg



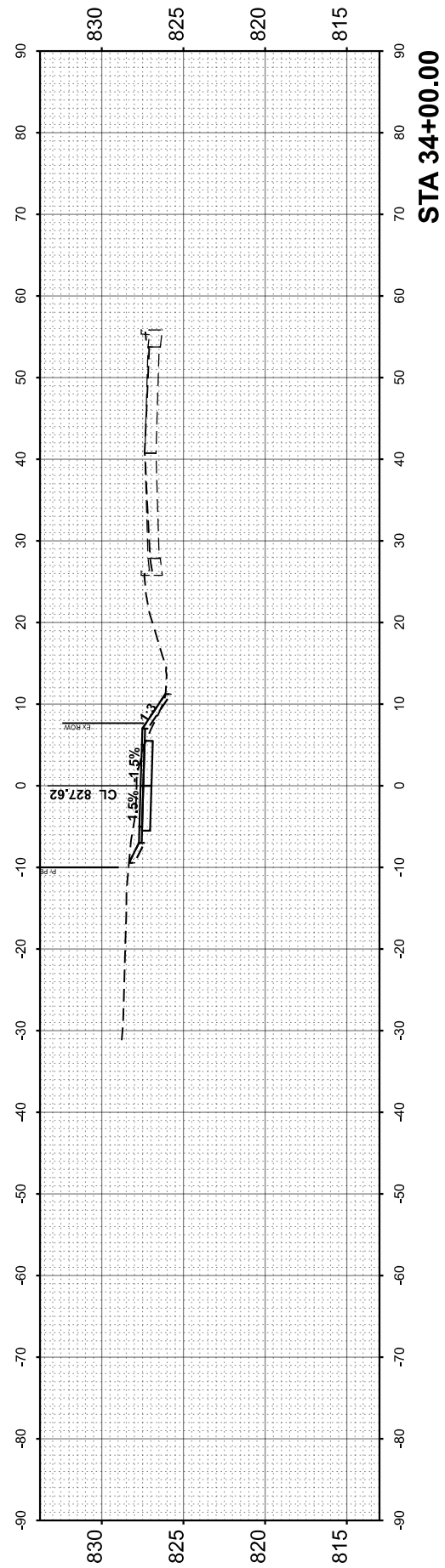
STA 35+50.00



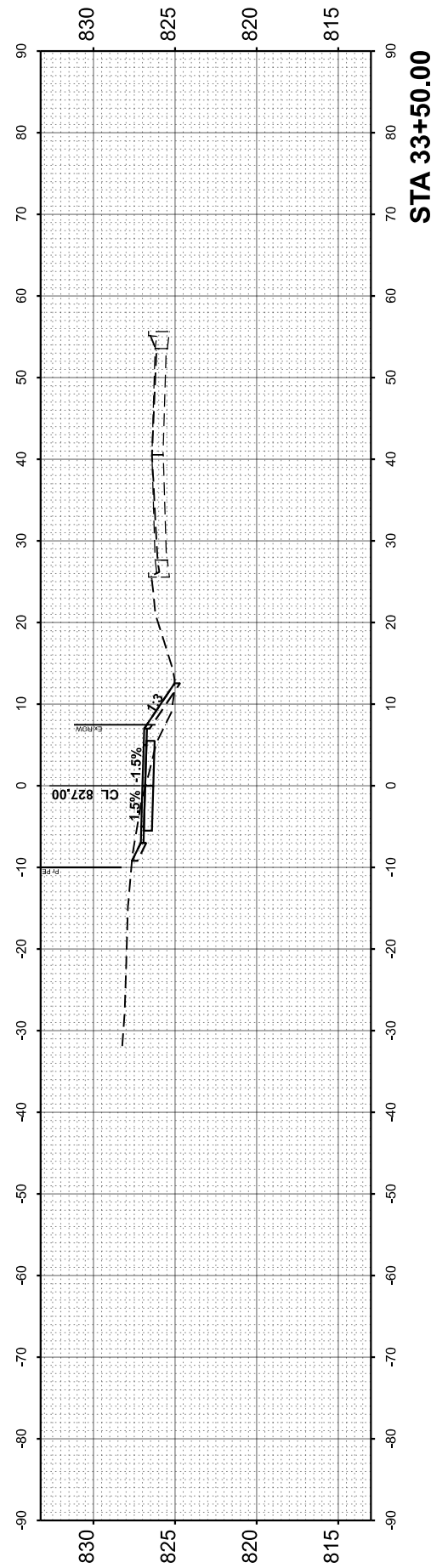
STA 35+00.00



STA 34+50.00



STA 34+00.00



STA 33+50.00



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT # - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

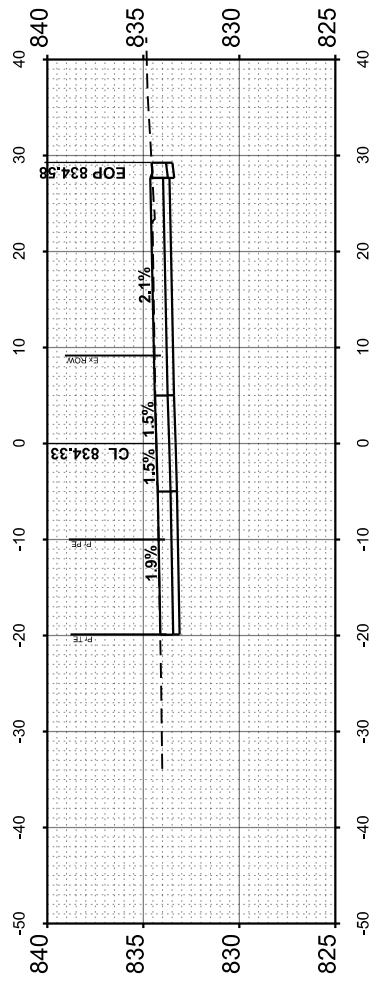


CROSS SECTIONS

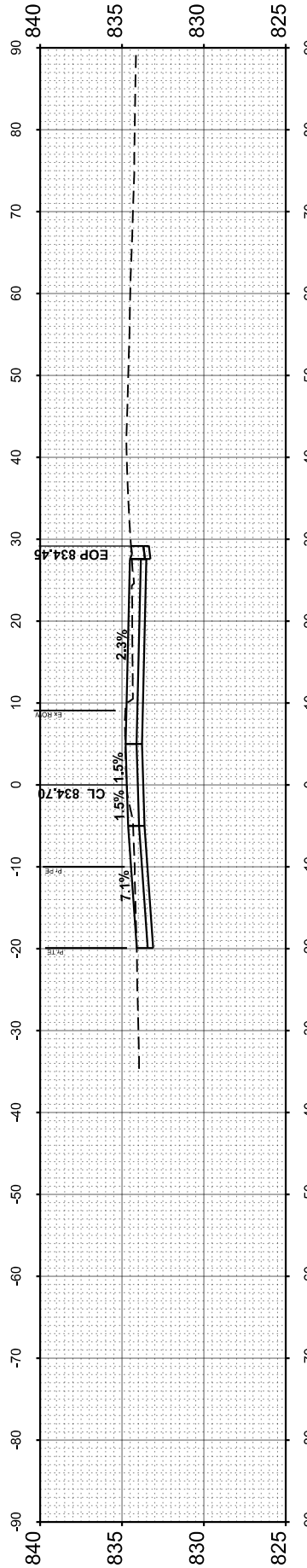
CONTRACT NO. 91620

SHEET
 51 OF 65

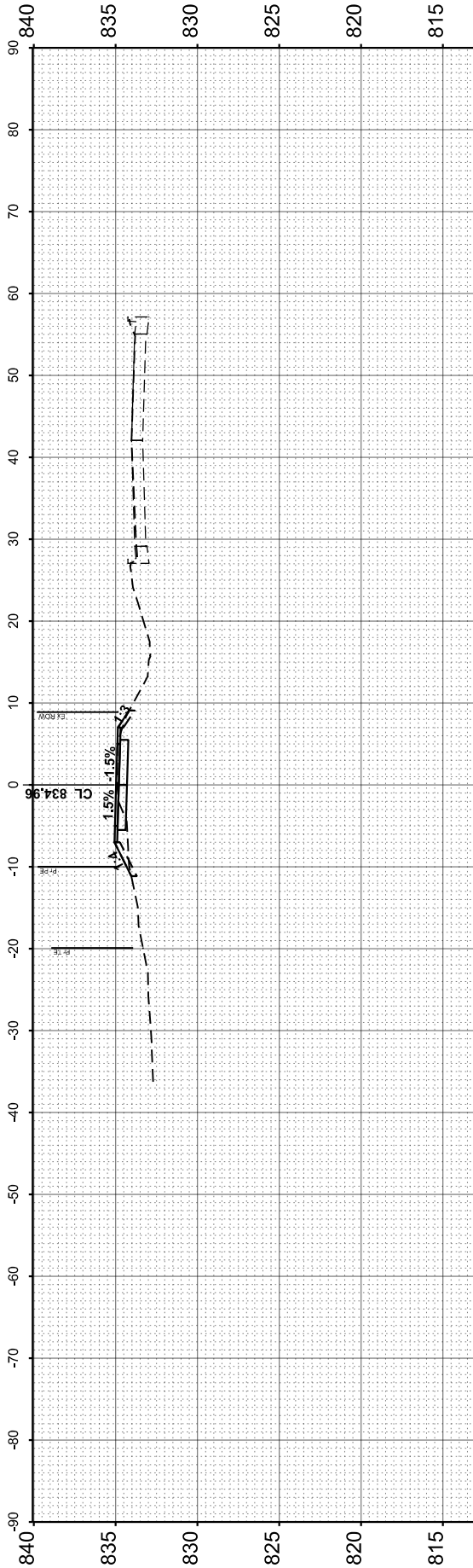
MODEL: P:\CL-3-36-00.00 (Sheet)
 FILE NAME: 03174 - Gregory St. SUP - PH.H (Normal)\CADD\CADD Sheets\3174-sh-cs-hs.dgn



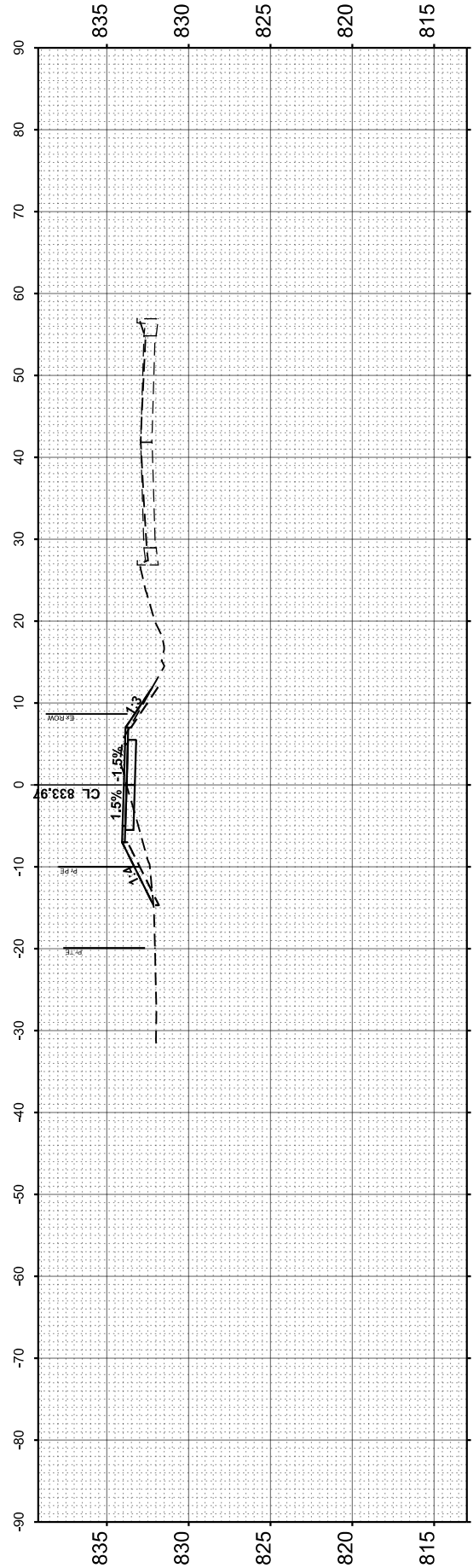
STA 37+63.11



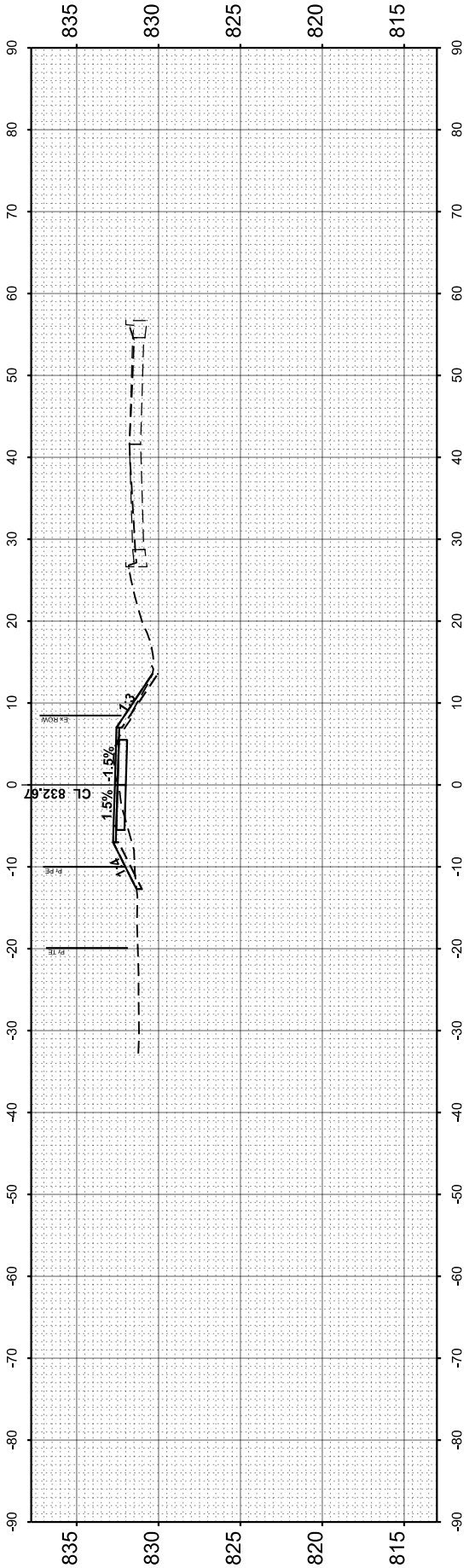
STA 37+50.00



STA 37+00.00



STA 36+50.00



STA 36+00.00



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT # - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

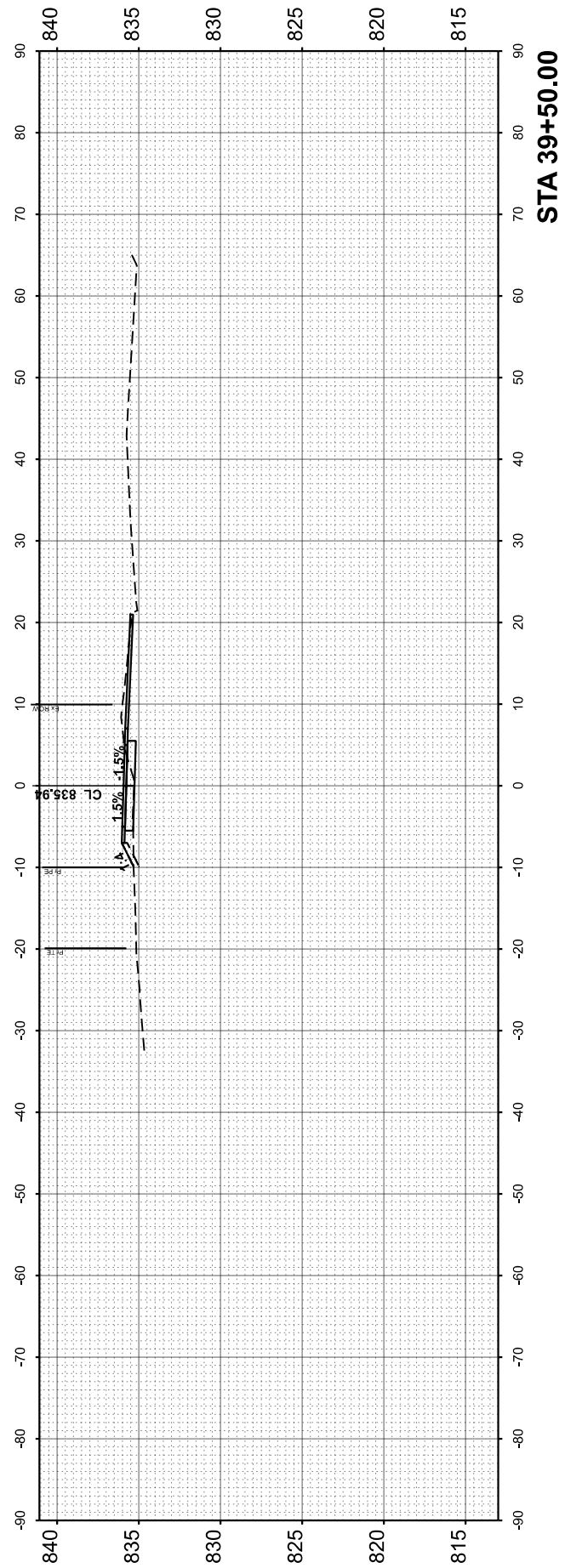


CROSS SECTIONS

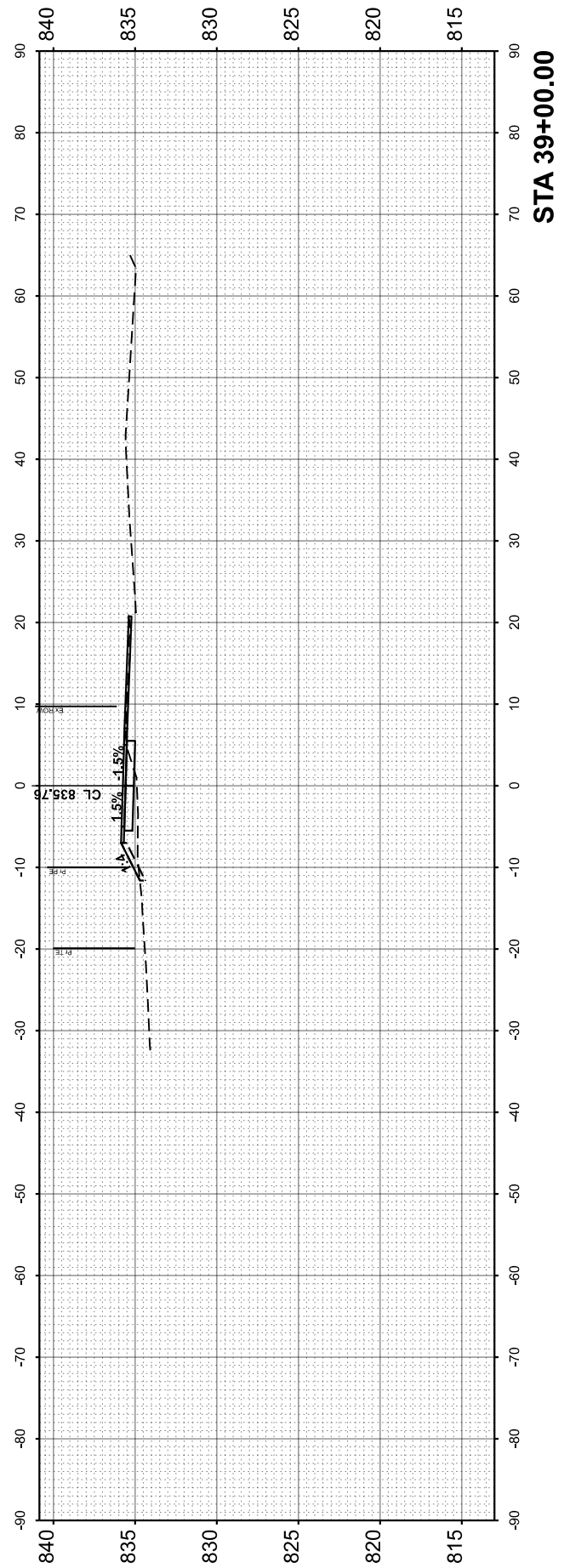
CONTRACT NO. 91620

SHEET
 52 OF 65

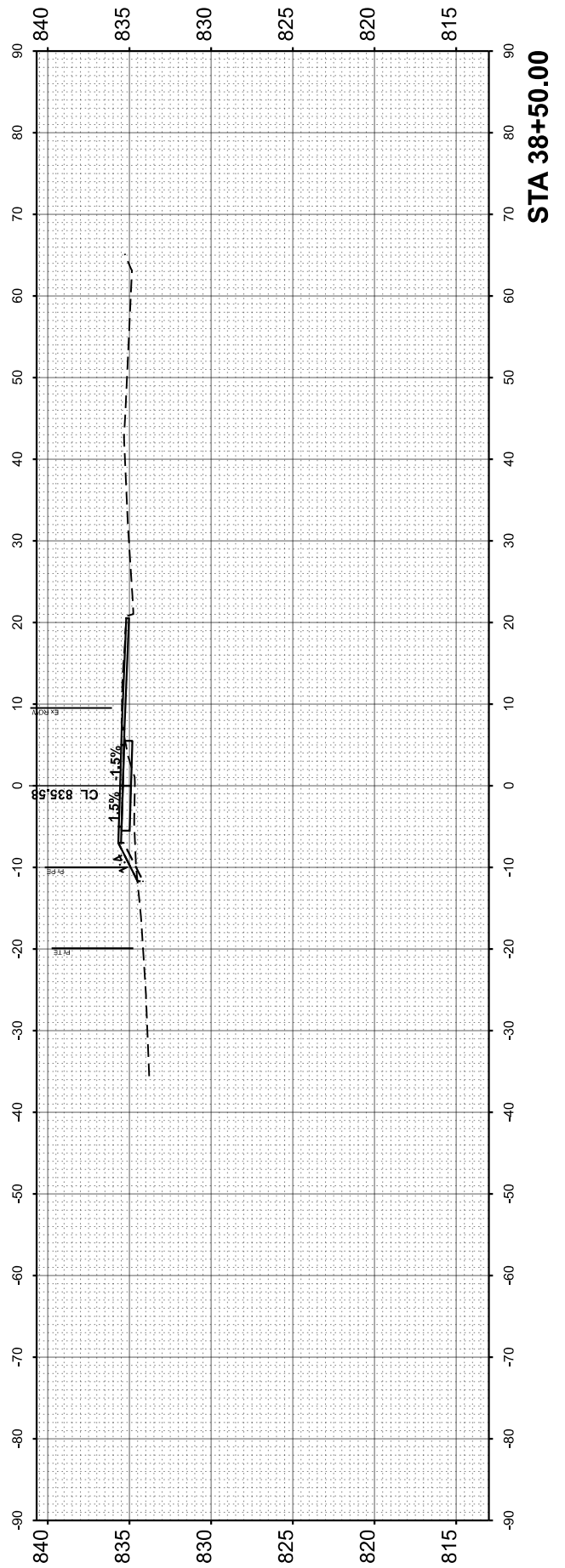
MODEL: P:\CL-38-00.00\5174.dgn
 FILE NAME: 5174 - Gregory St. SUP - PH.dwg (Normal)\CADD\CADD Sheets\5174-sh-cs-hb.dwg



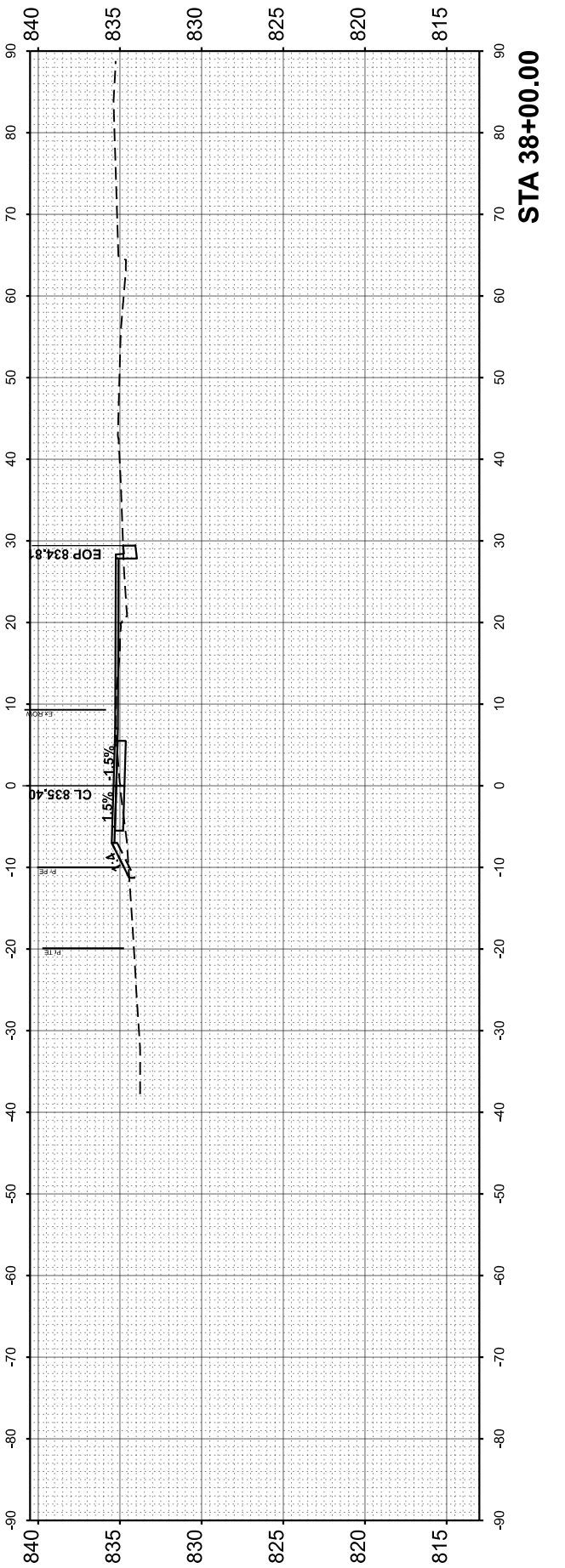
STA 39+50.00



STA 39+00.00



STA 38+50.00



STA 38+00.00



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

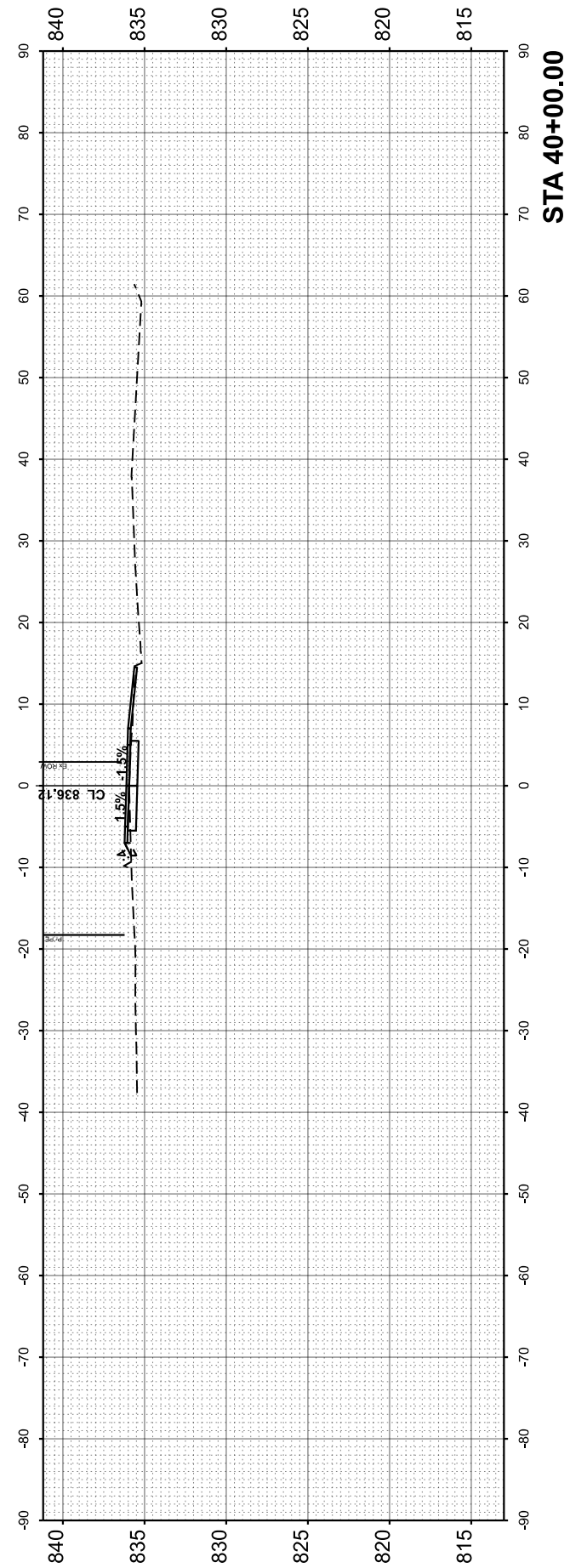
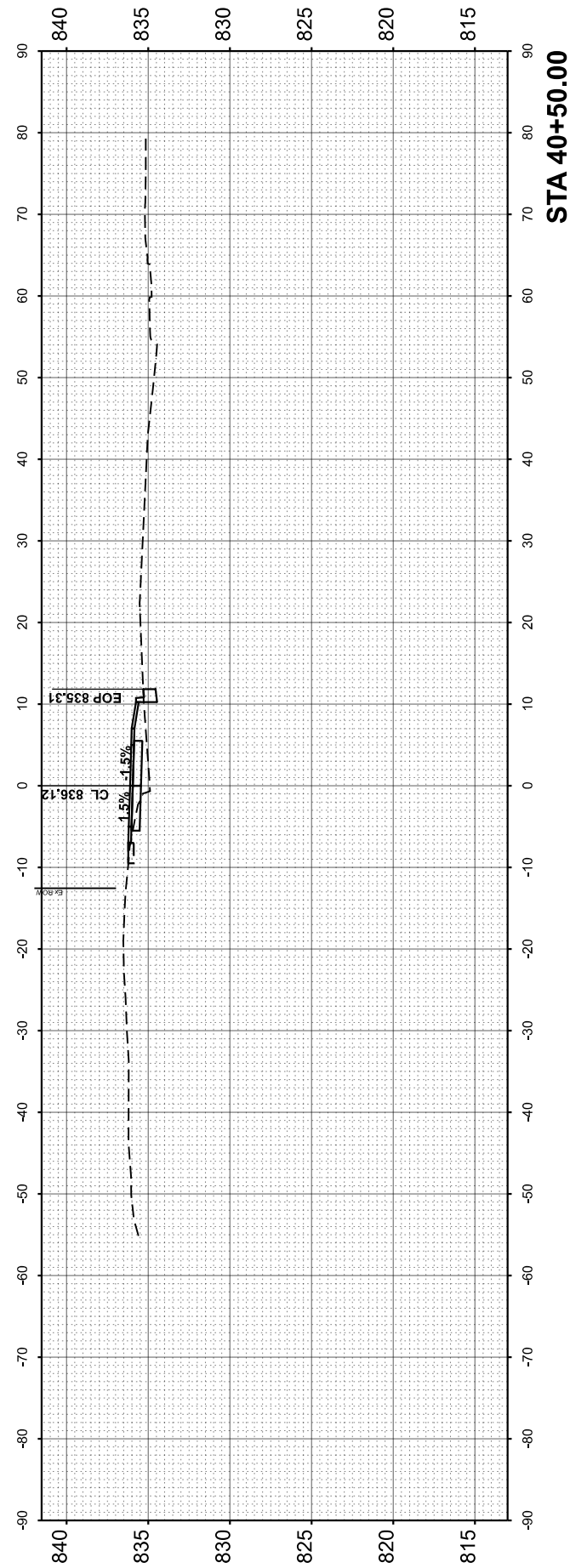
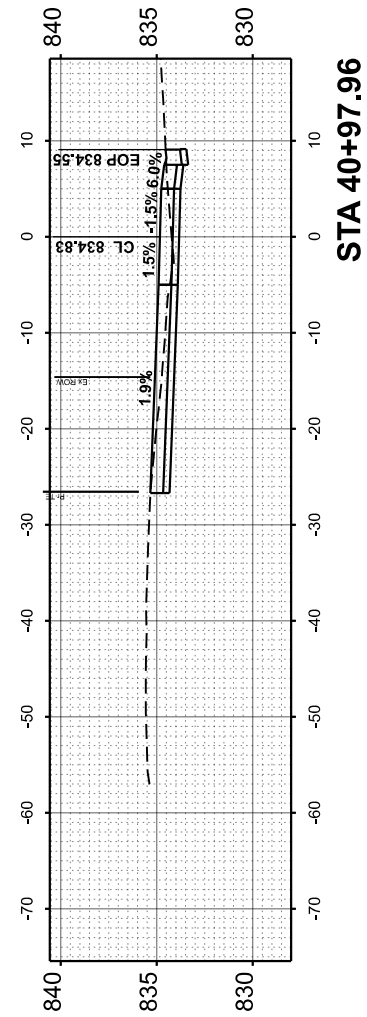
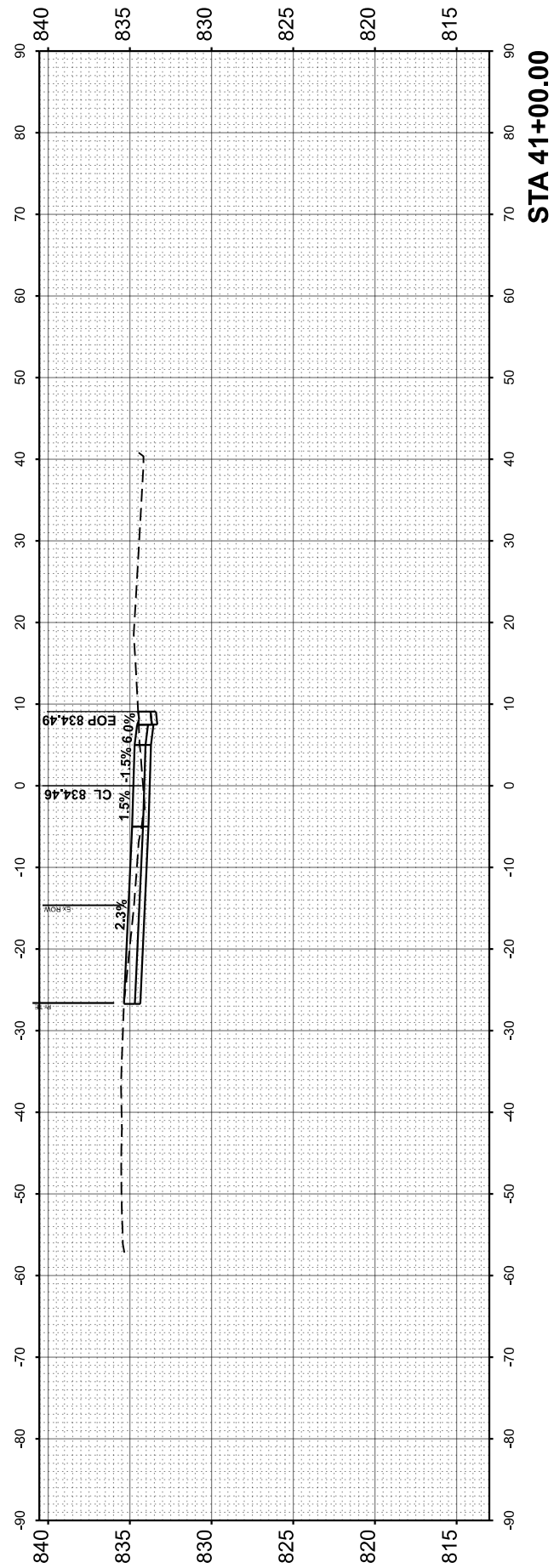


CROSS SECTIONS

CONTRACT NO. 91620

SHEET
 53 OF 65

MODEL: P:\CL-2-40-00-00\5174.dgn
 FILE NAME: 5174 - Gregory St. SUP - PH.dwg (Normal)\CADD\CADD Sheets\5174-sh-cs-hs.dwg



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

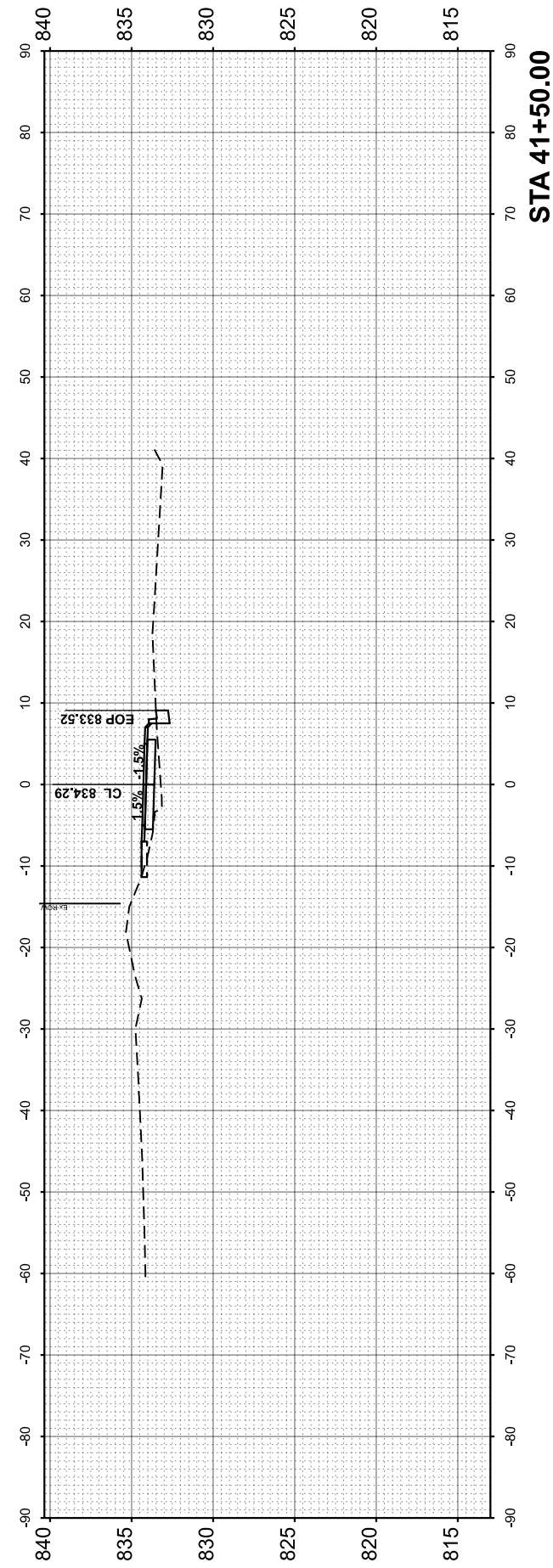
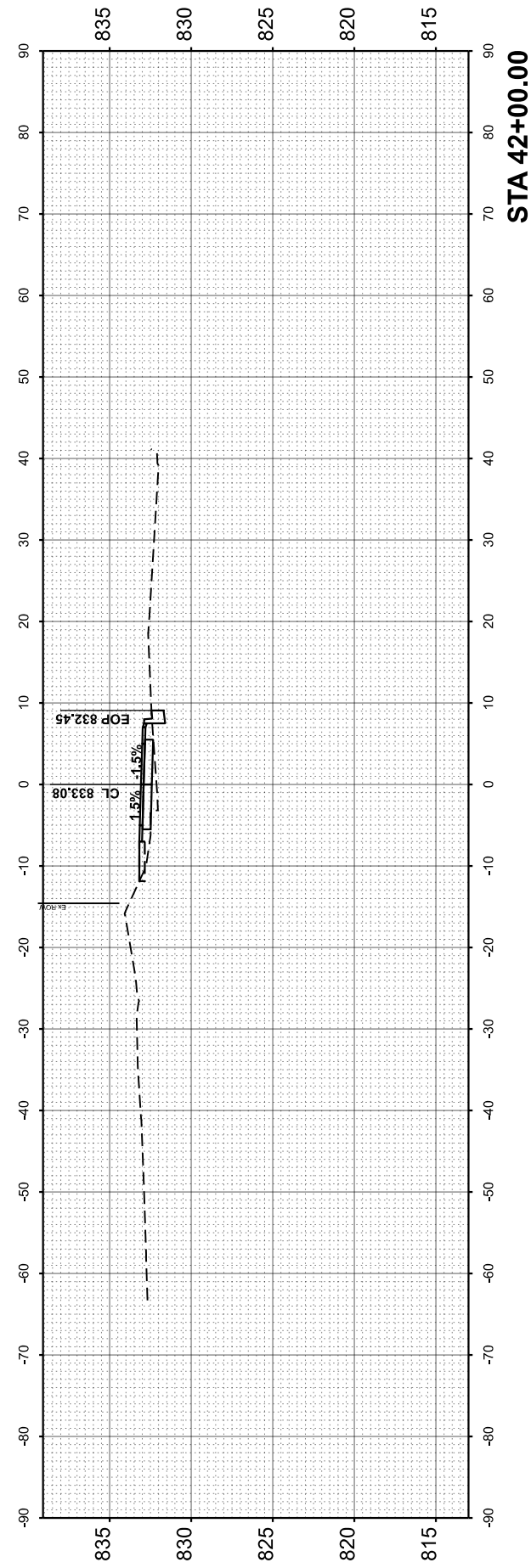
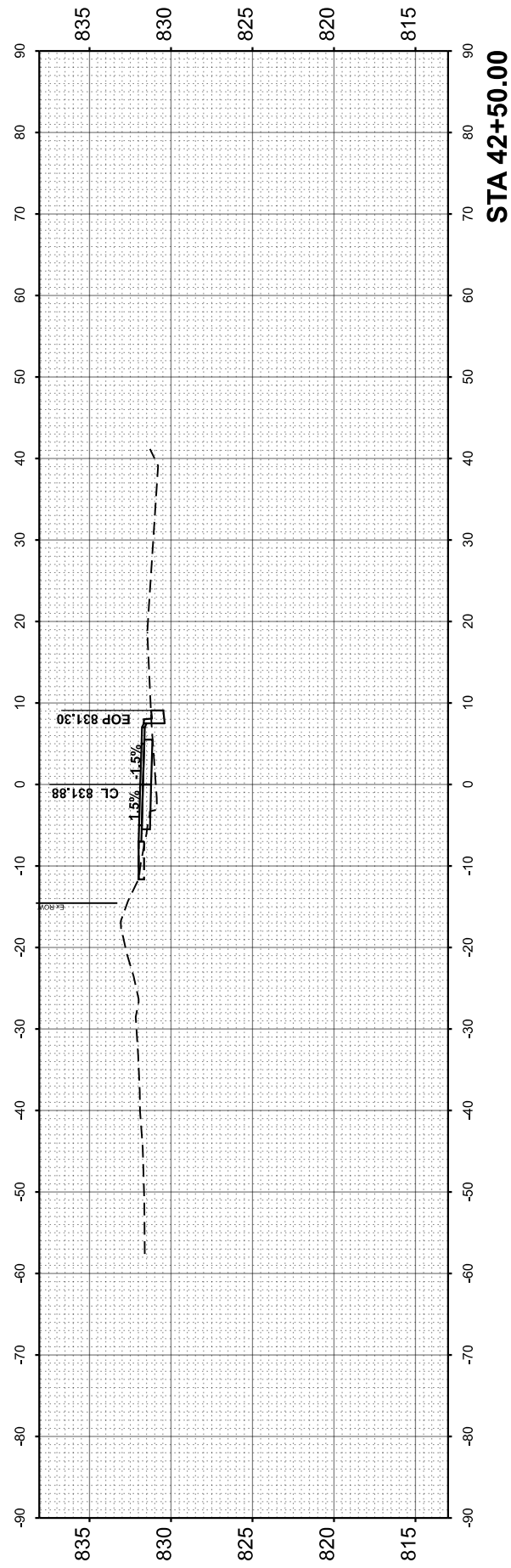
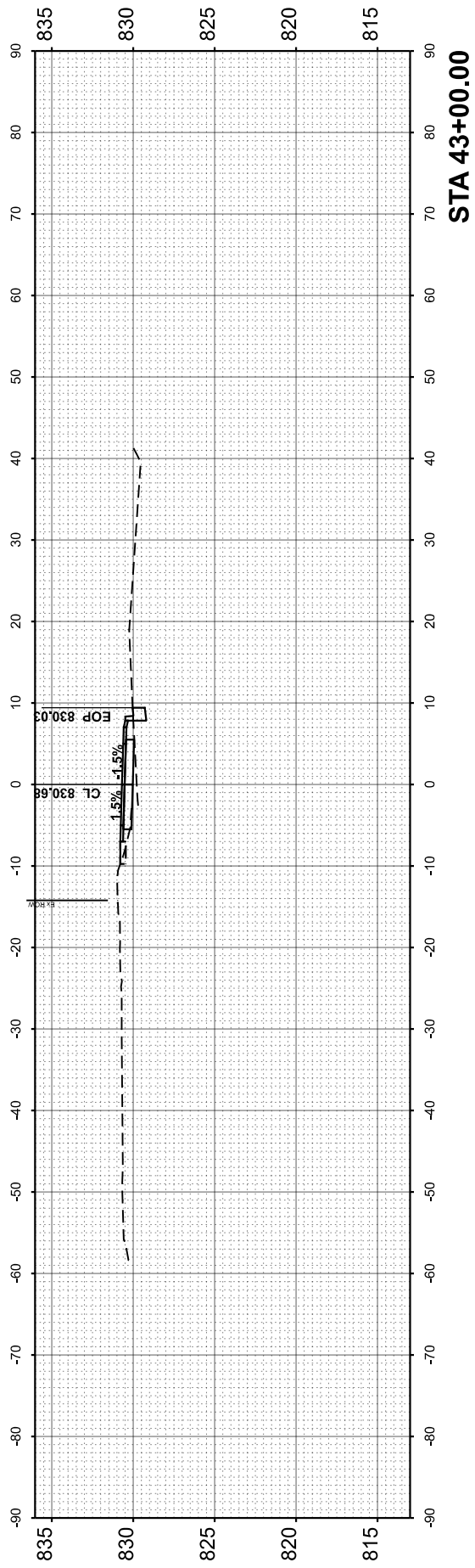


CROSS SECTIONS

CONTRACT NO. 91620

**SHEET
 54 OF 65**

MODEL: P:\CL-2_41+50.00 (Sheet)
 FILE NAME: V05174 - Gregory St. SUP - PH.H (Normal)\CADD\CADD Sheets\5174-sh-cs-hb.dgn



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

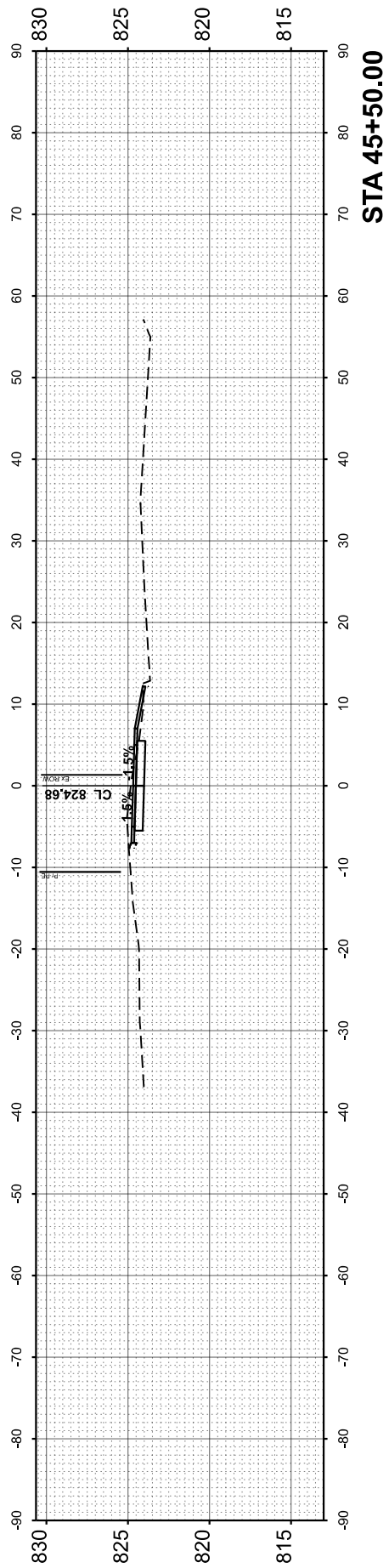


CROSS SECTIONS

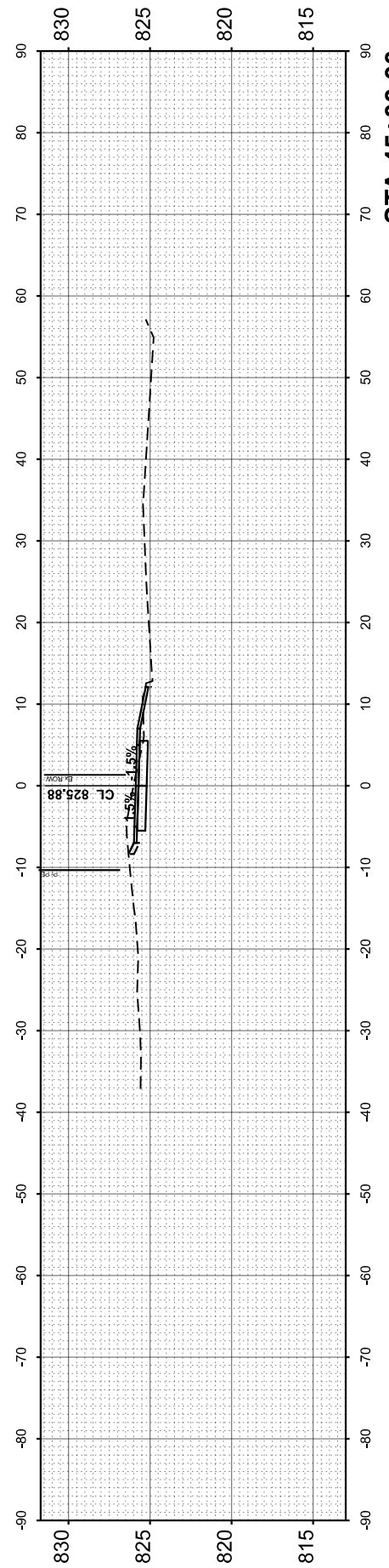
CONTRACT NO. 91620

**SHEET
 55 OF 65**

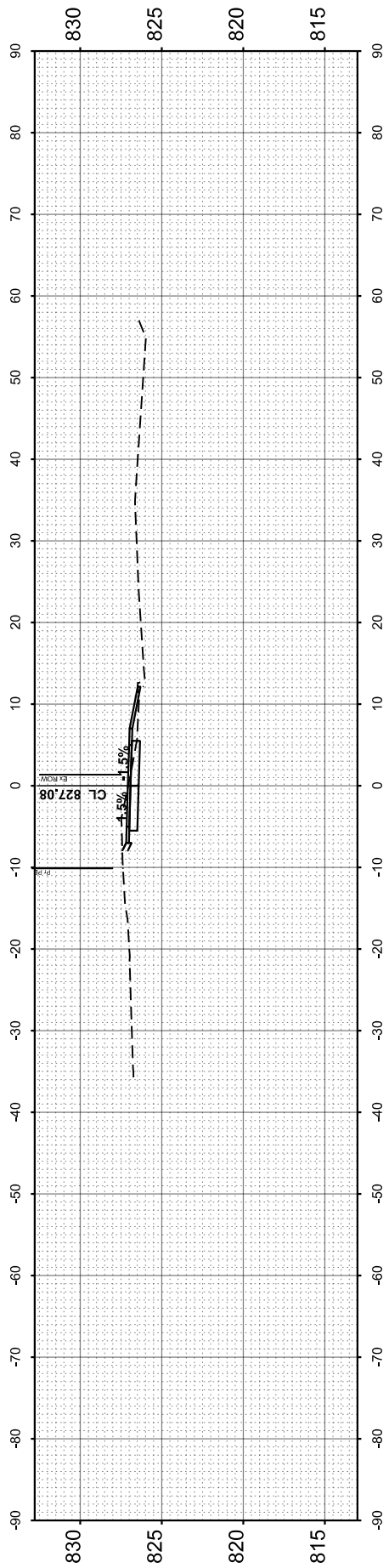
MODEL: P:\CL-3-43+50.00 (Sheet)
 FILE NAME: V05174 - Gregory St. SUP - PH.dwg (Normal)\CADD\CADD Sheets\5174-sh-cs-hs.dwg



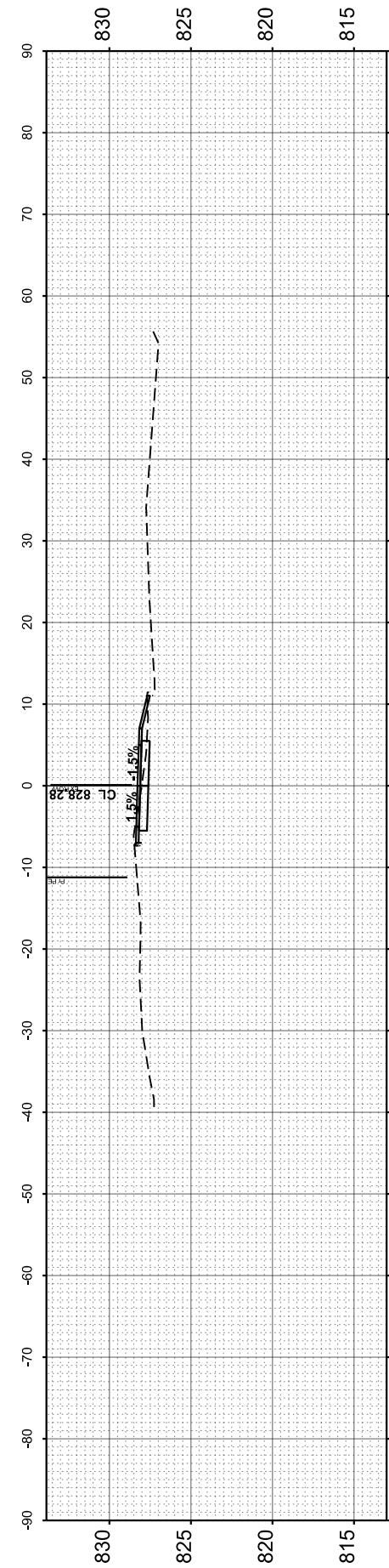
STA 45+50.00



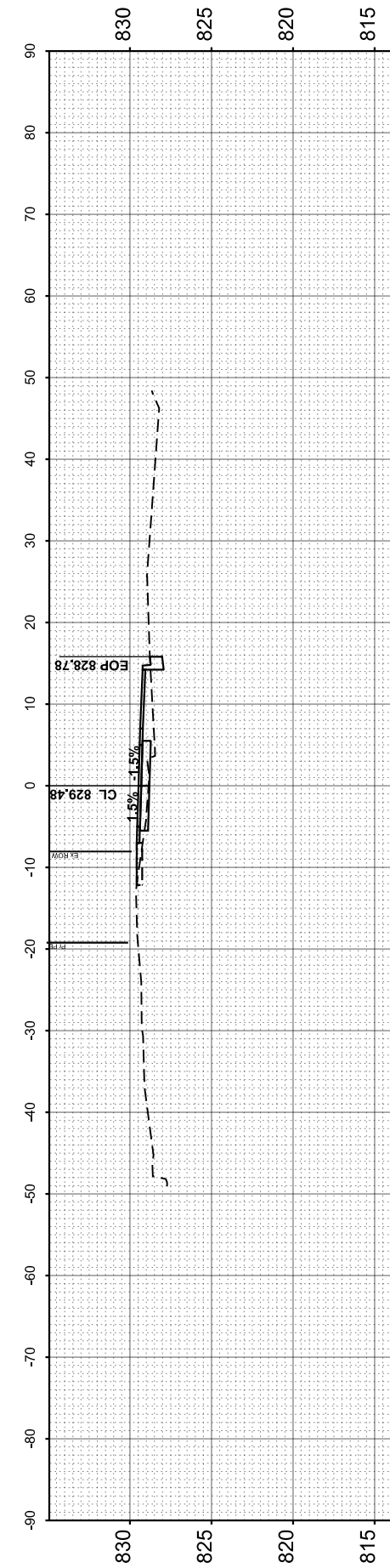
STA 45+00.00



STA 44+50.00



STA 44+00.00



STA 43+50.00



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

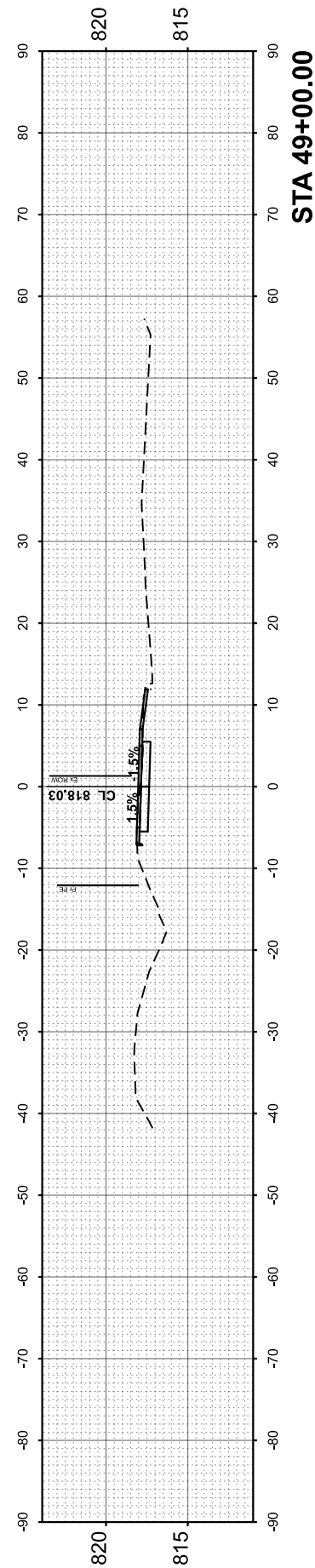


CROSS SECTIONS

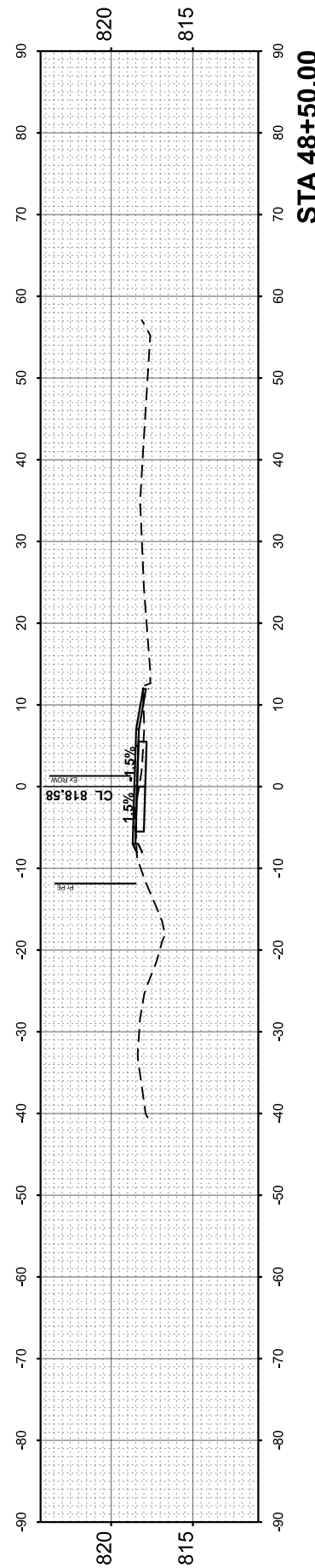
CONTRACT NO. 91620

**SHEET
 56 OF 65**

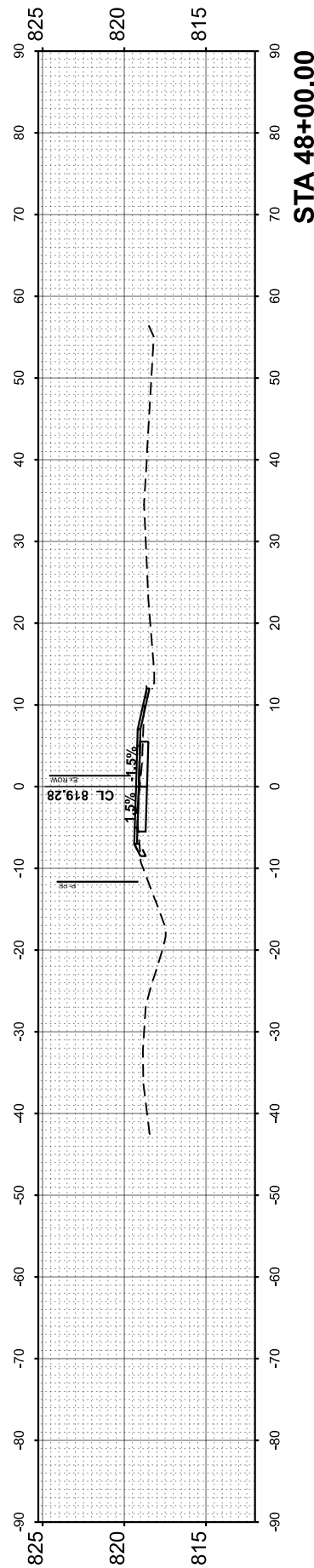
MODEL: P:\CL-2-46-00.00 (Sheet)
 FILE NAME: V03174 - Gregory St. SUP - PH.dwg (Normal)\CADD\CADD Sheets\3174-sh-cv-hb.dwg



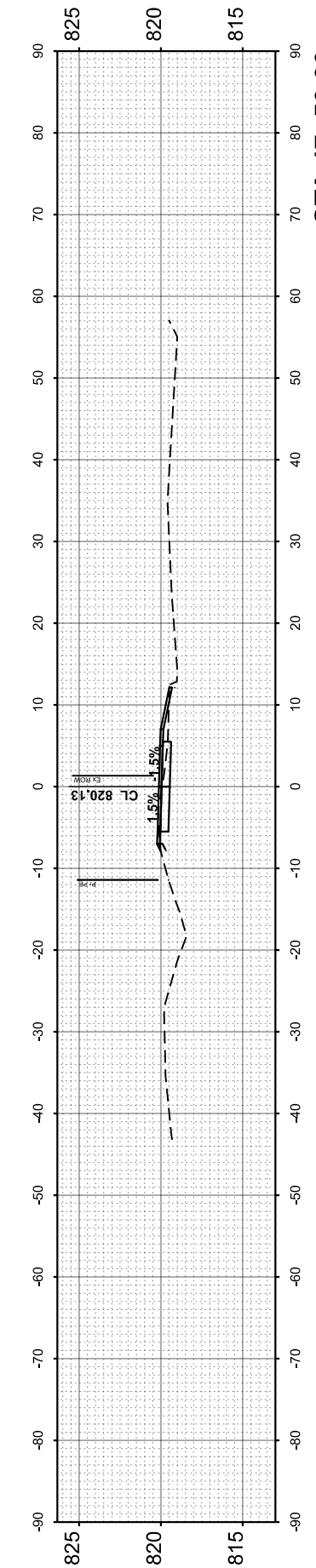
STA 49+00.00



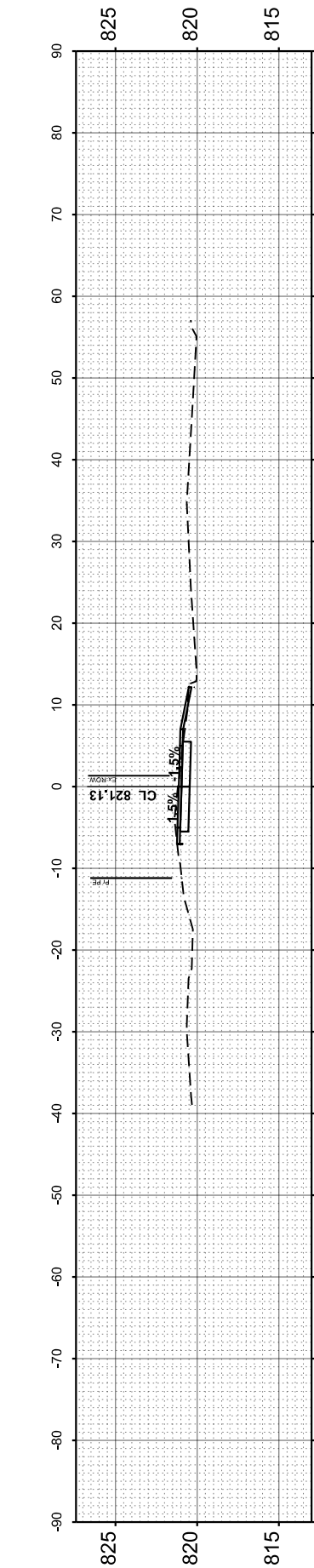
STA 48+50.00



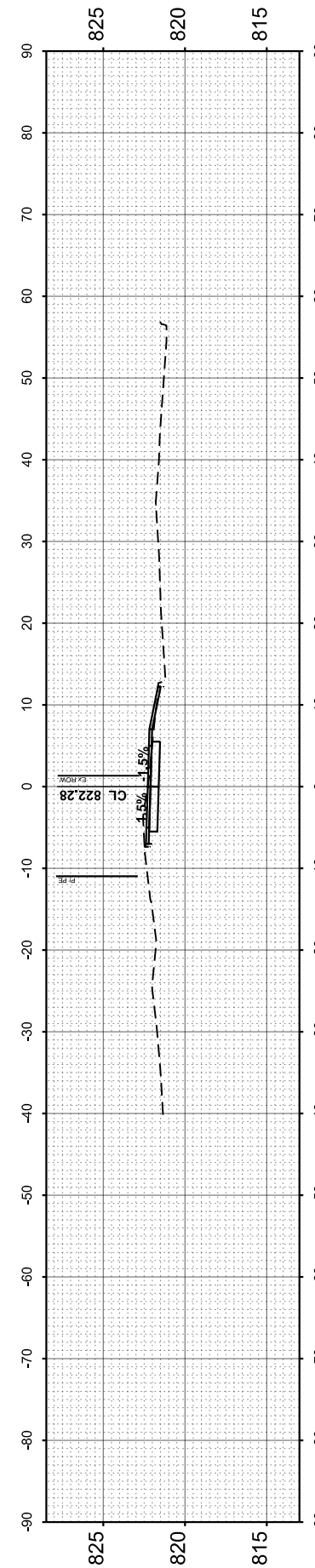
STA 48+00.00



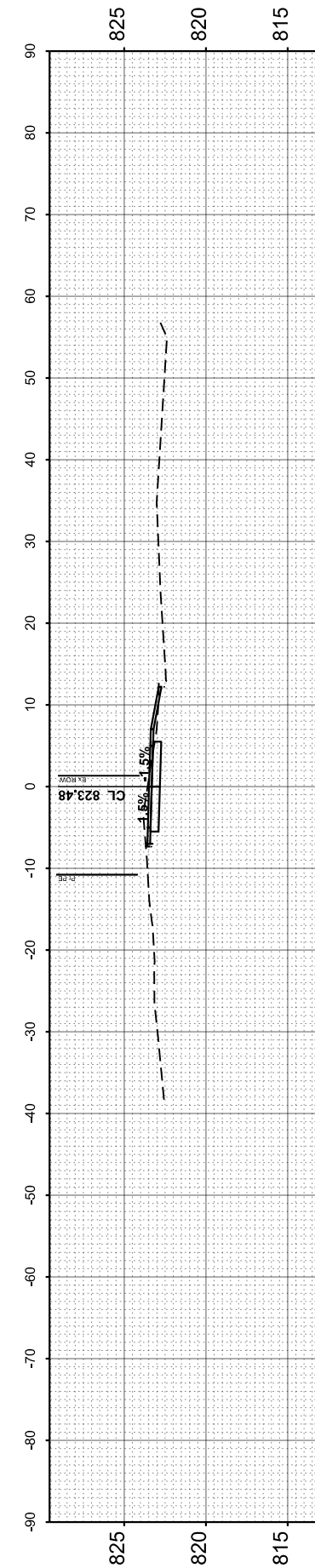
STA 47+50.00



STA 47+00.00



STA 46+50.00



STA 46+00.00



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

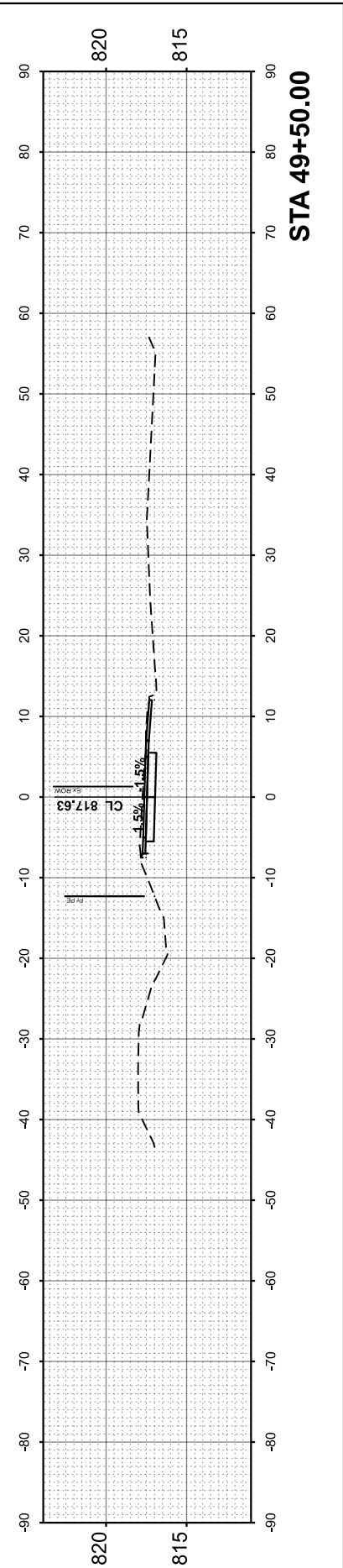
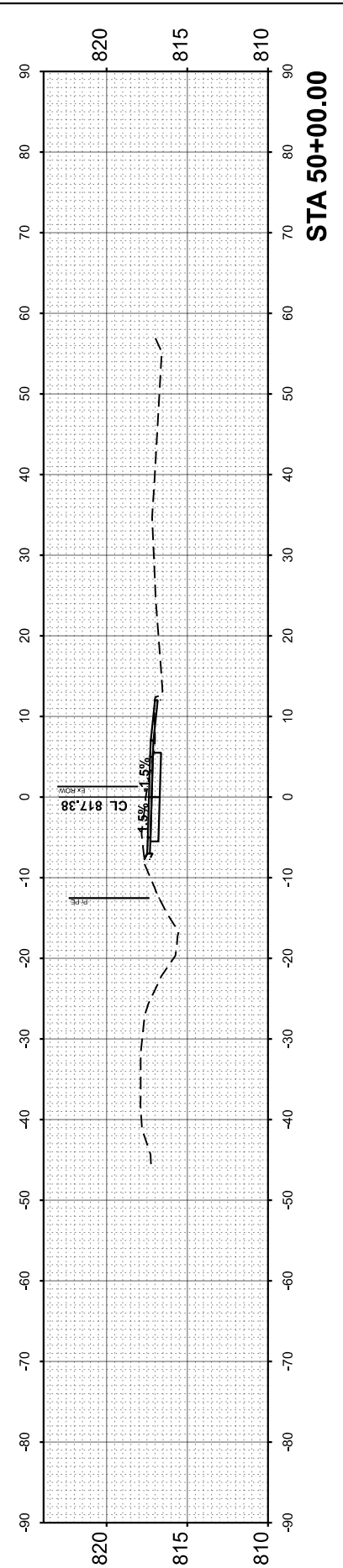
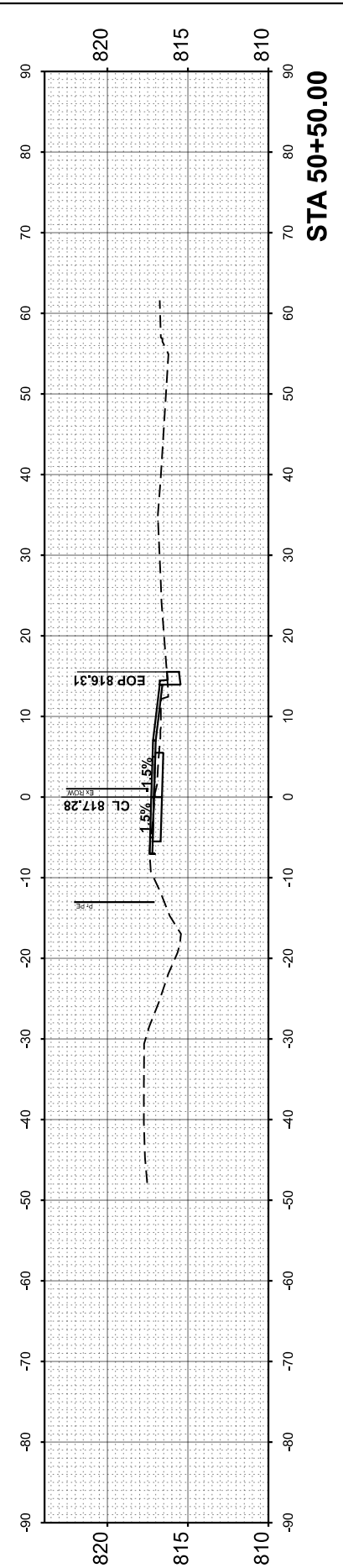
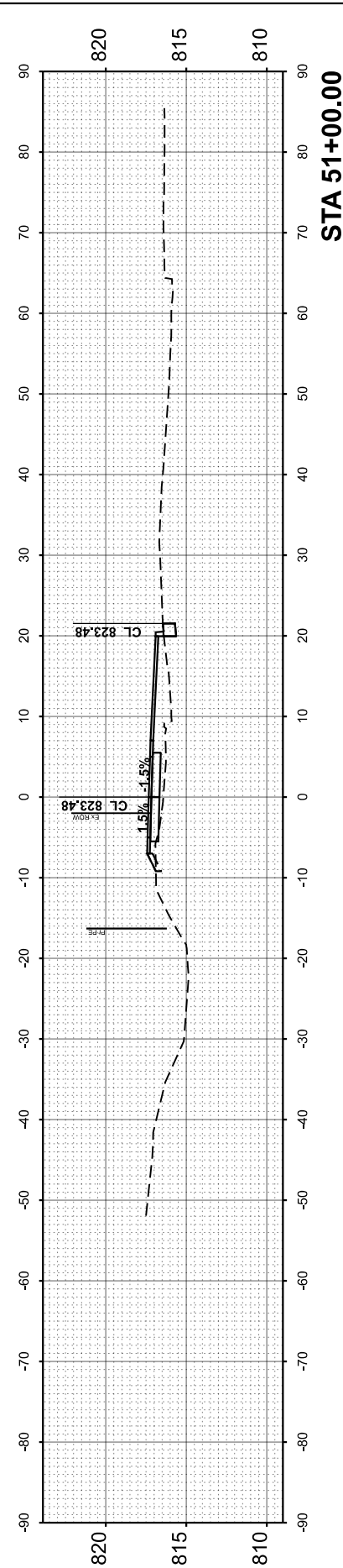
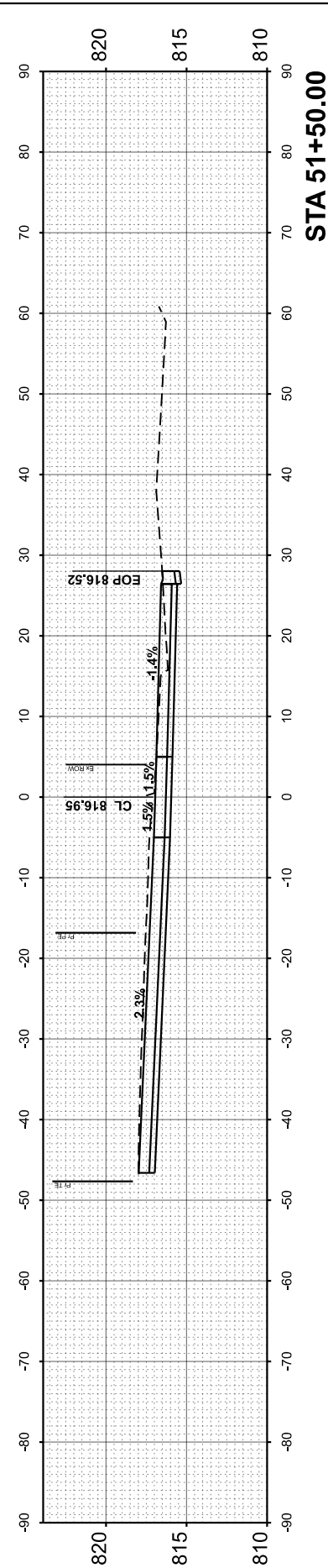
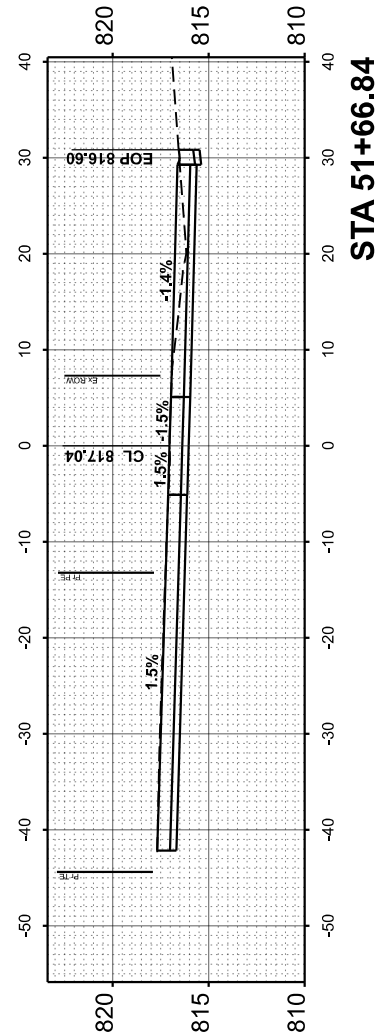
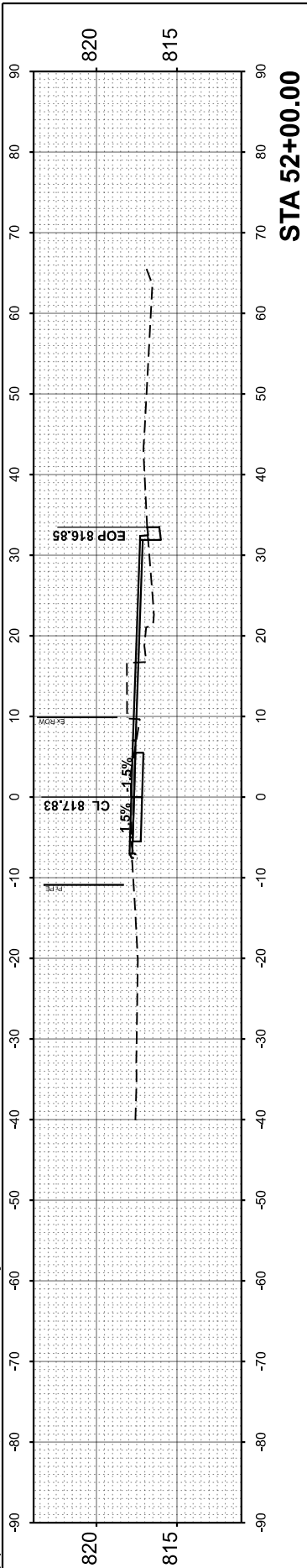


CROSS SECTIONS

CONTRACT NO. 91620

**SHEET
 57 OF 65**

MODEL: P:\CL-2-49+50.00 (5)sheet
 FILE NAME: V05174 - Gregory St. Sup - PH.H (Normal)CADD\CADD Sheets\5174-sheet5.dgn



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

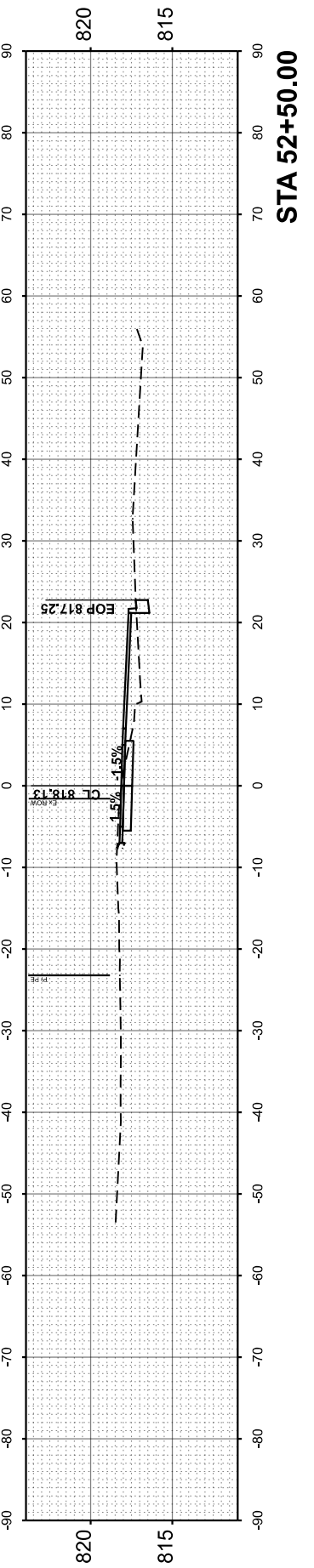
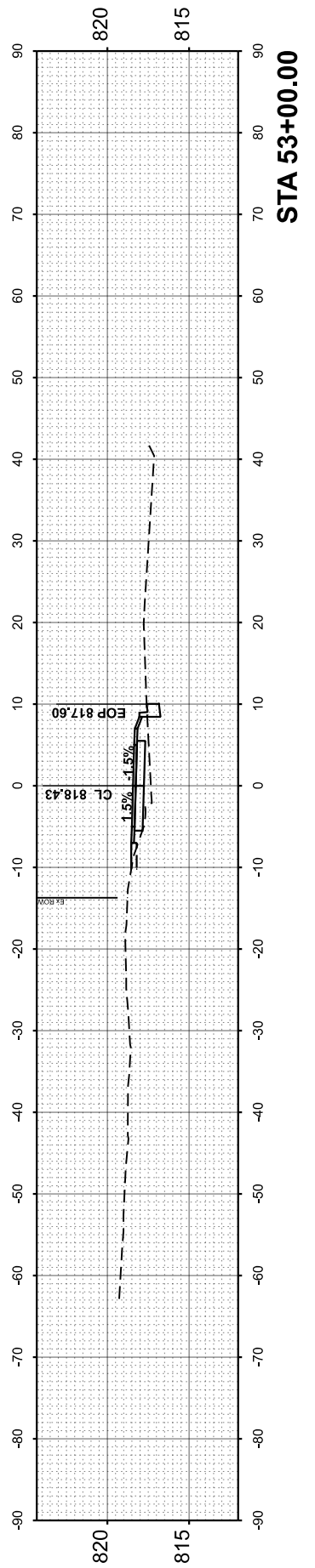
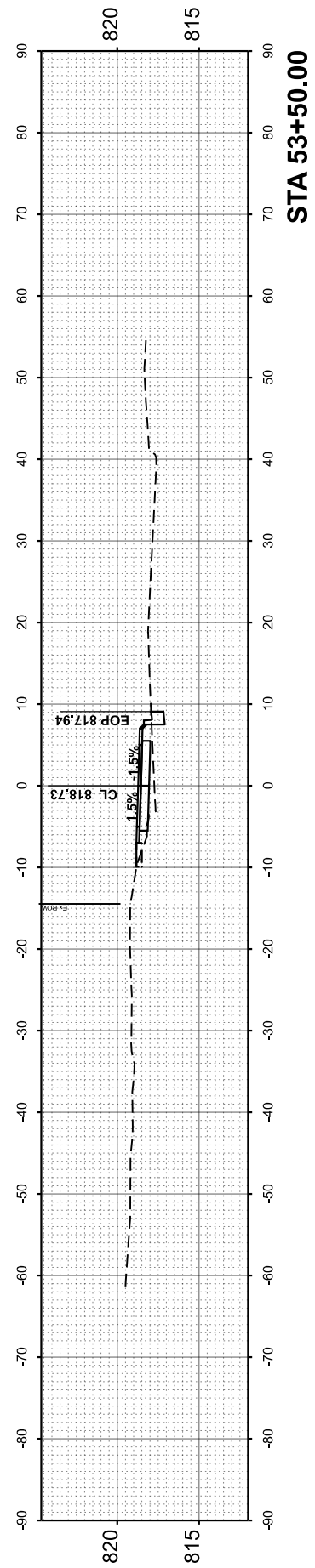
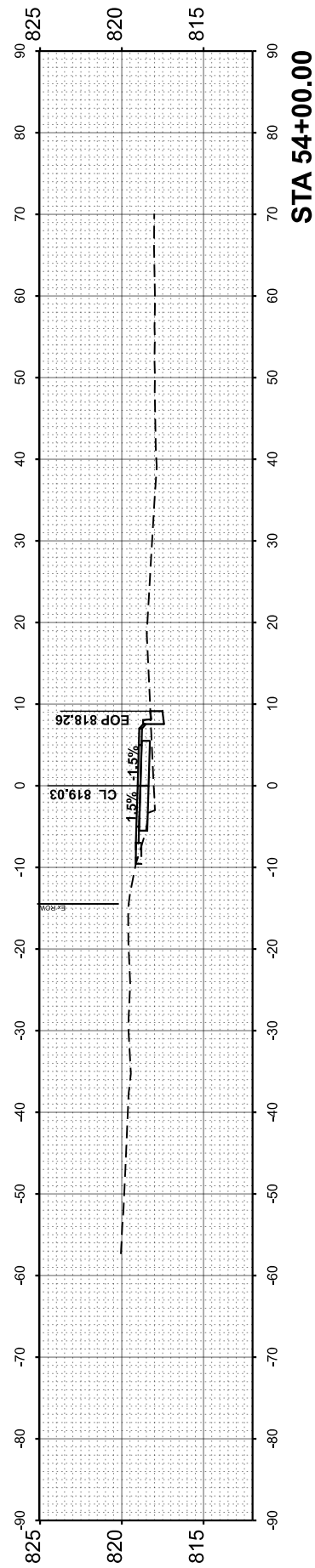
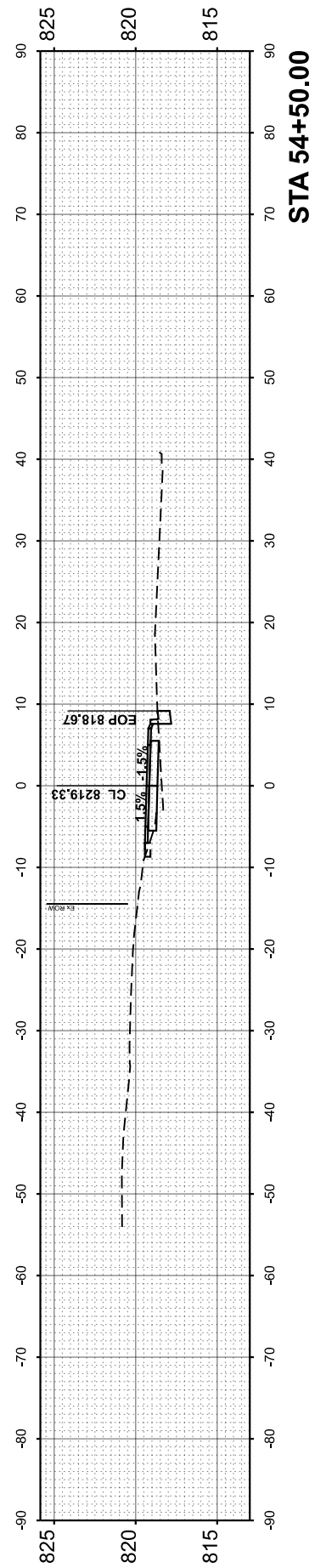
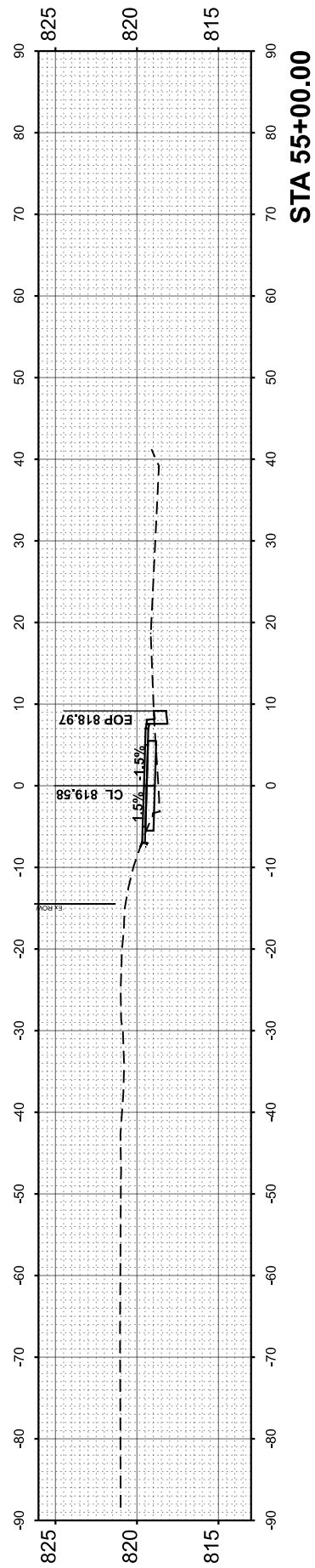
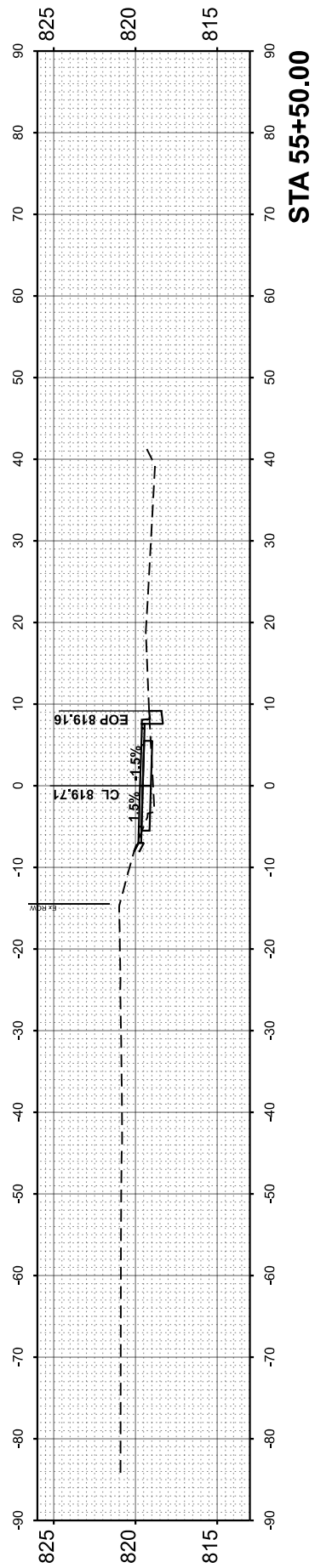


CROSS SECTIONS

CONTRACT NO. 91620

SHEET
 58 OF 65

MODEL: P:\CL-2-153+50.00 (Sheet)
 FILE NAME: V05174 - Gregory St. SUP - PH (Normal\CADD\CADD Sheets\5174-sh-cv-hb.dgn)



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

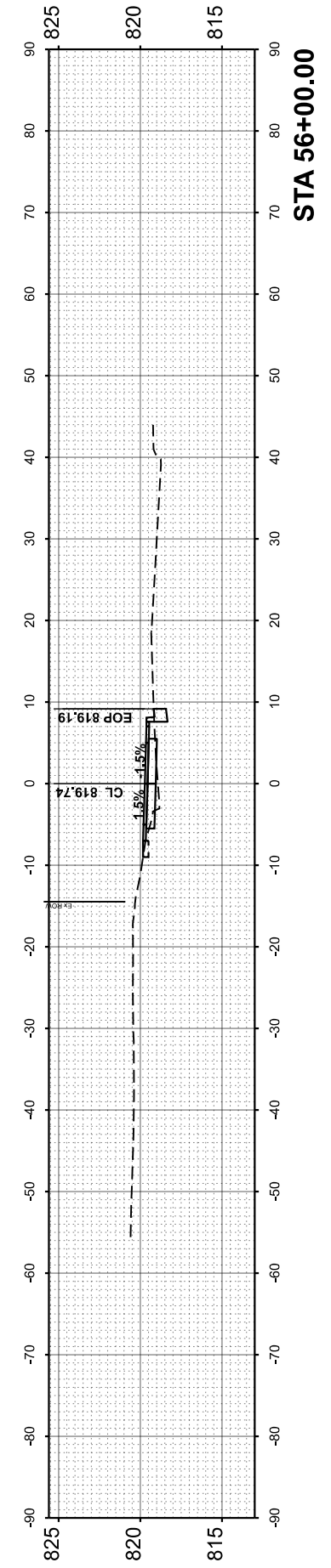
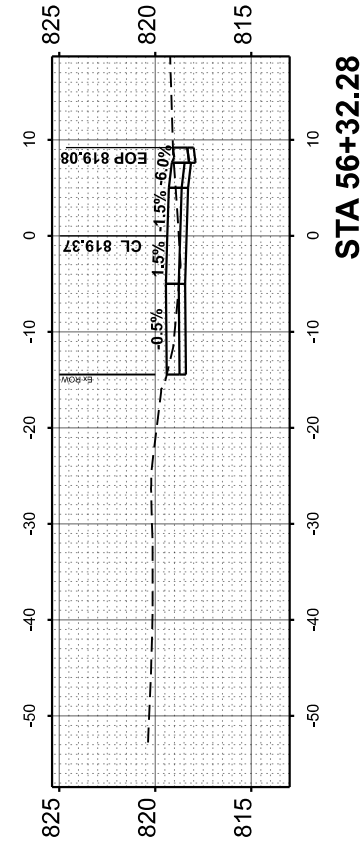
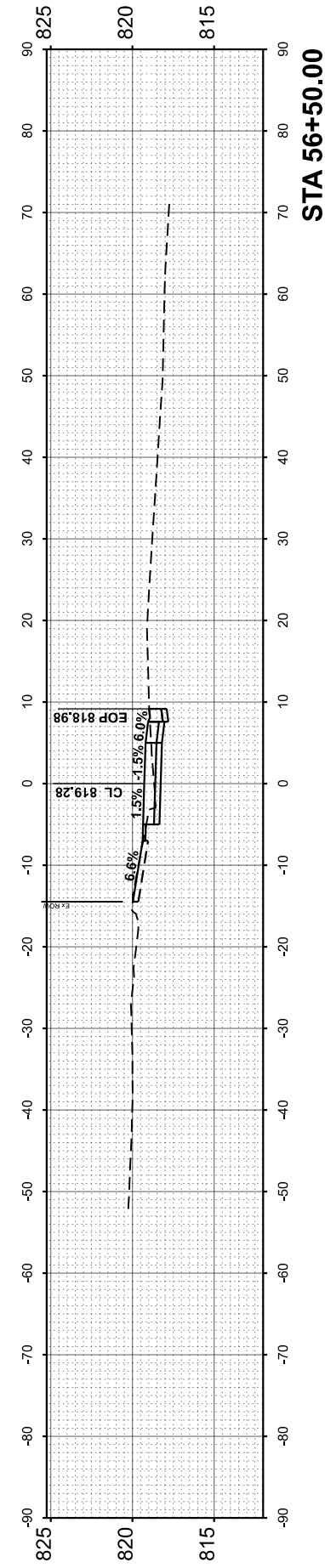
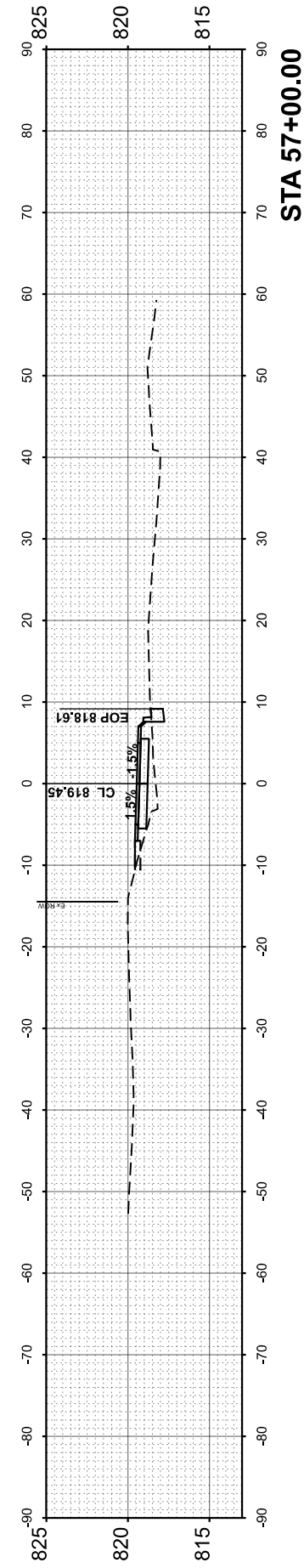
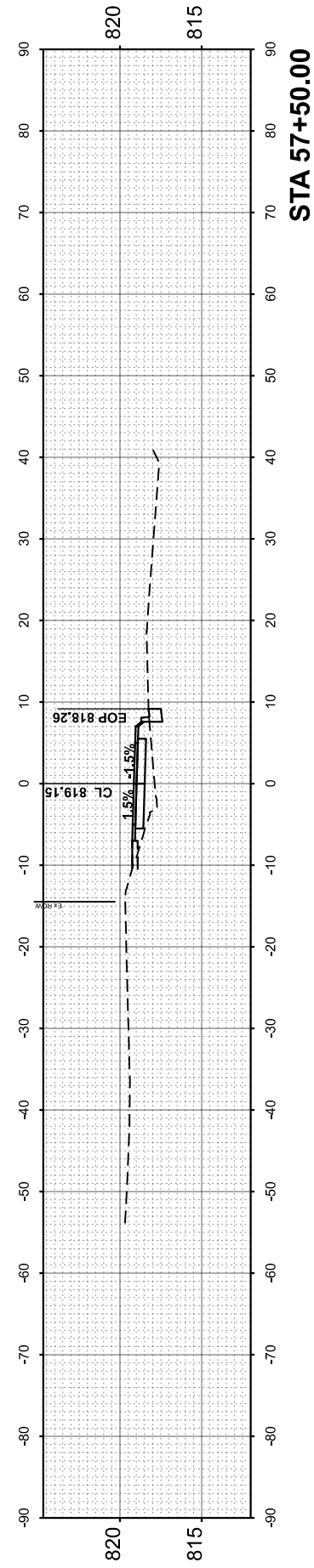
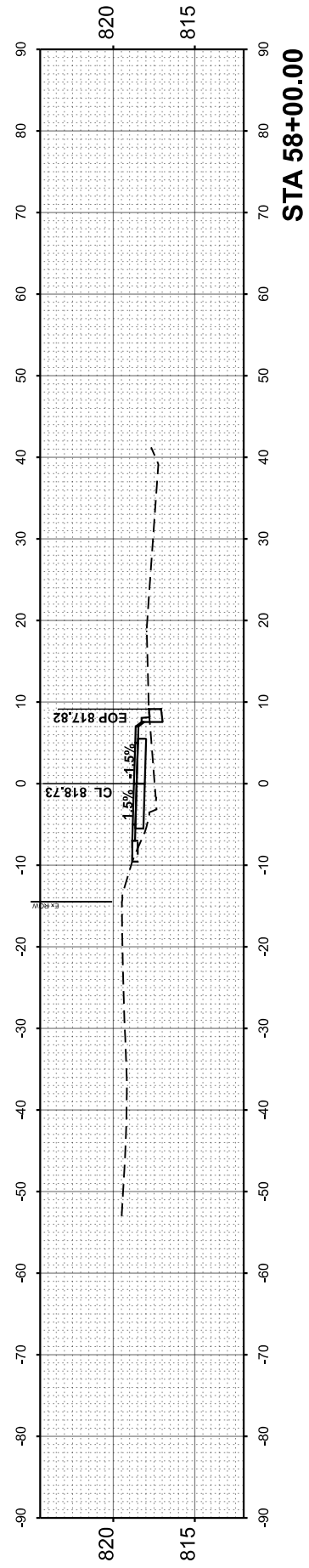
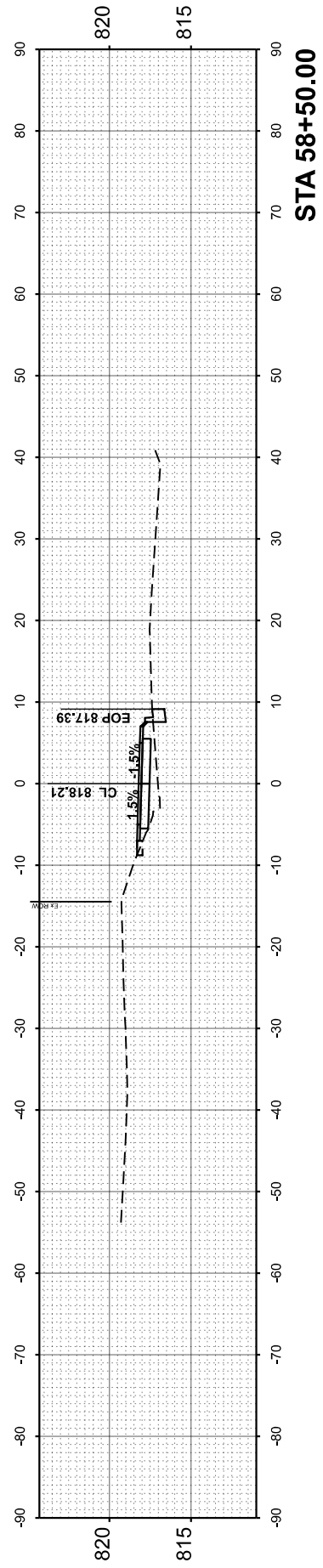


CROSS SECTIONS

CONTRACT NO. 91620

SHEET
 59 OF 65

MODEL: P:\CL-2-16-00.00 (5) (1).dgn
 FILE NAME: V05174 - Gregory St. SUP - PH.H (Normal\CADD\CADD Sheets\5174-sh-cv-hb.dgn)



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

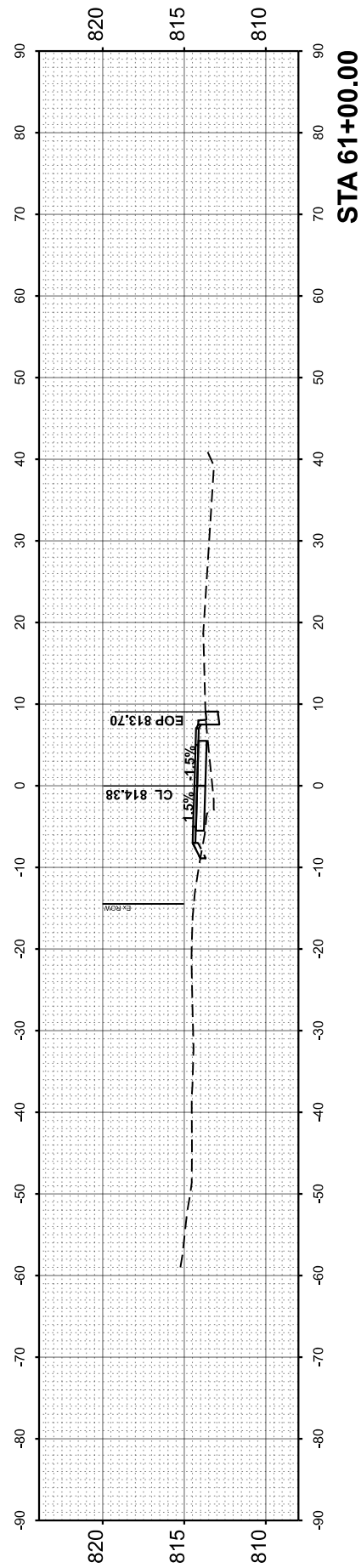


CROSS SECTIONS

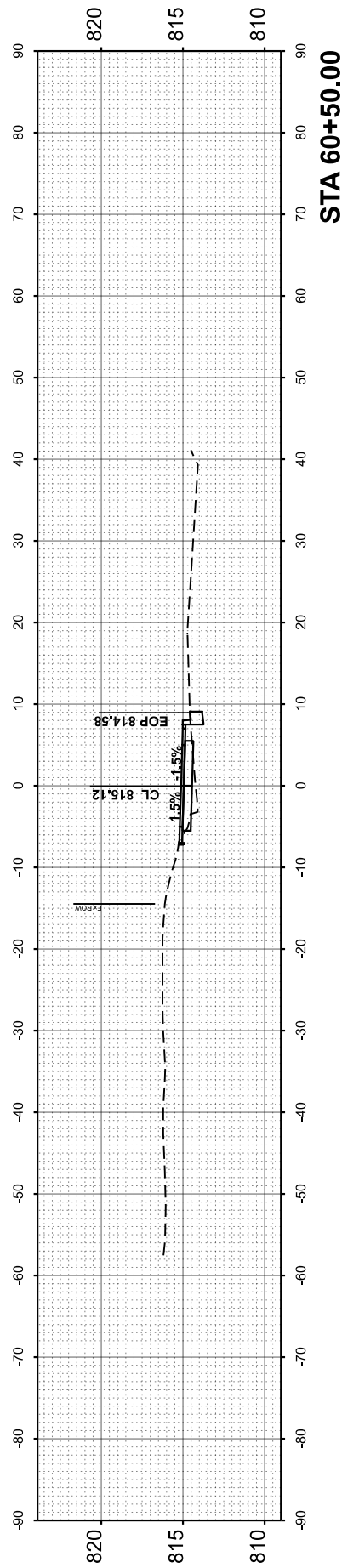
CONTRACT NO. 91620

**SHEET
 60 OF 65**

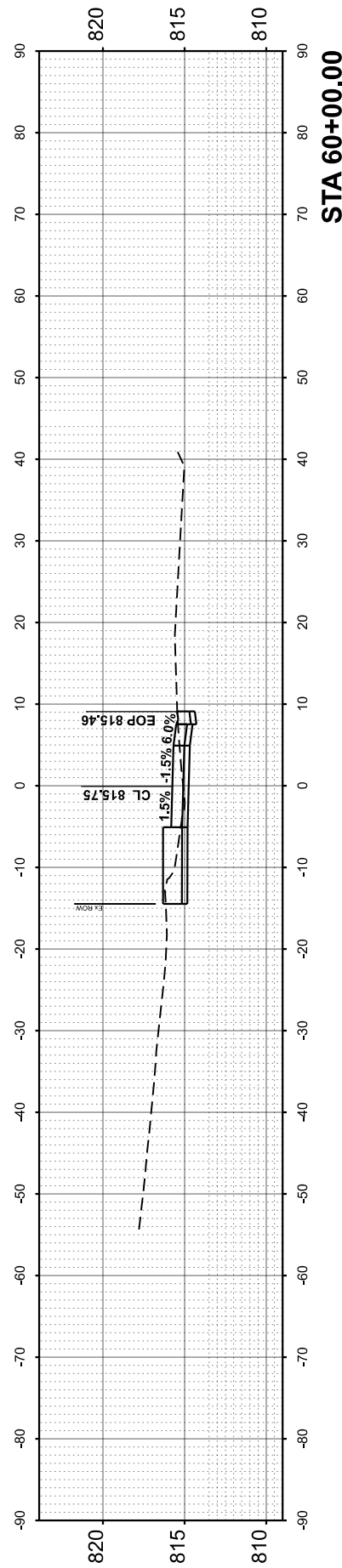
MODEL: P:\CL-2-19-00.00 (Sheet)
 FILE NAME: 05174 - Gregory St. SUP - PH (Normal)\CADD\CADD Sheets\5174-sh-cs-hb.dgn



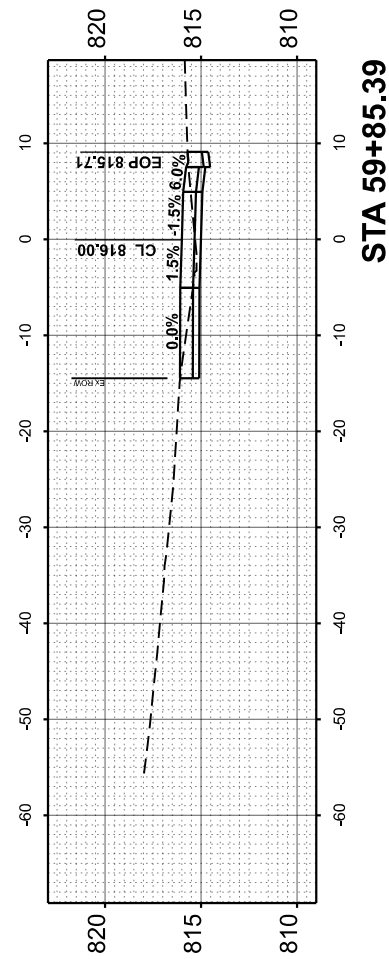
STA 61+00.00



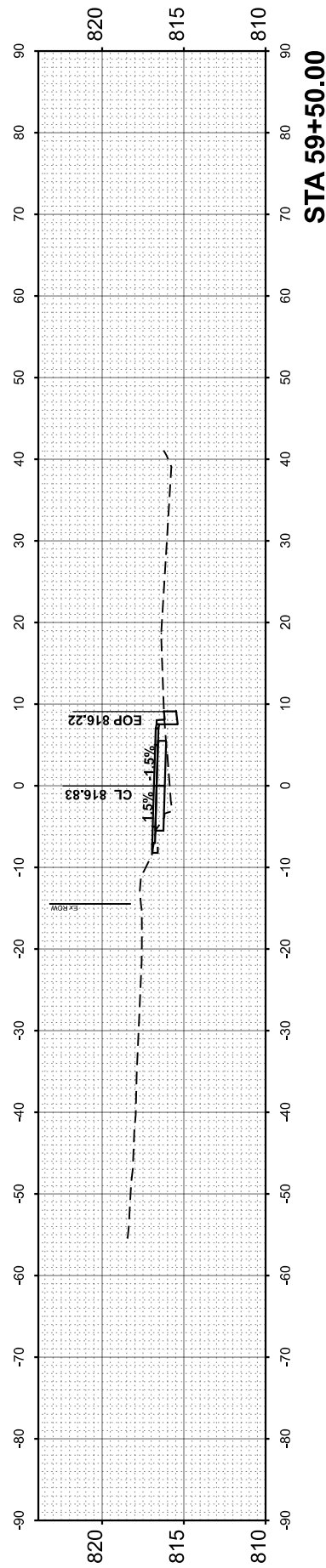
STA 60+50.00



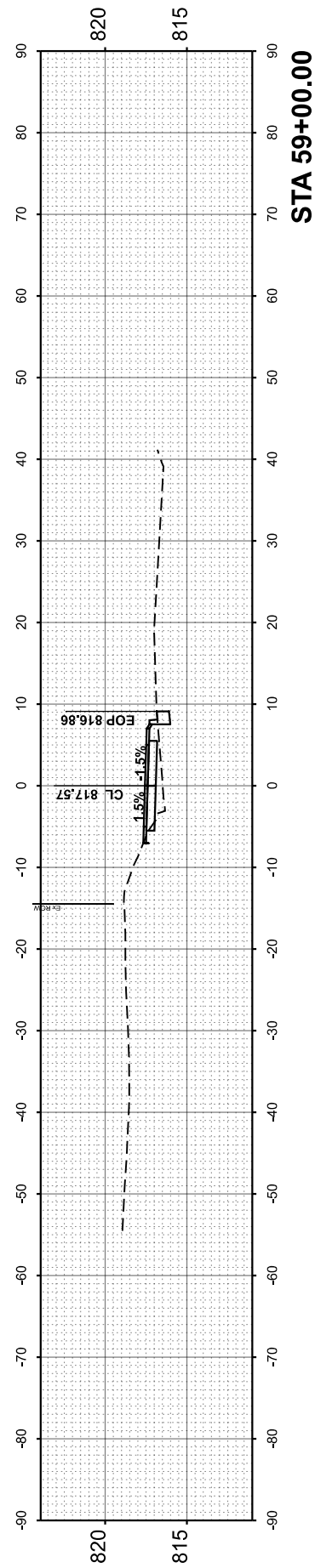
STA 60+00.00



STA 59+85.39



STA 59+50.00



STA 59+00.00



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
 TRAIL EXTENSION**

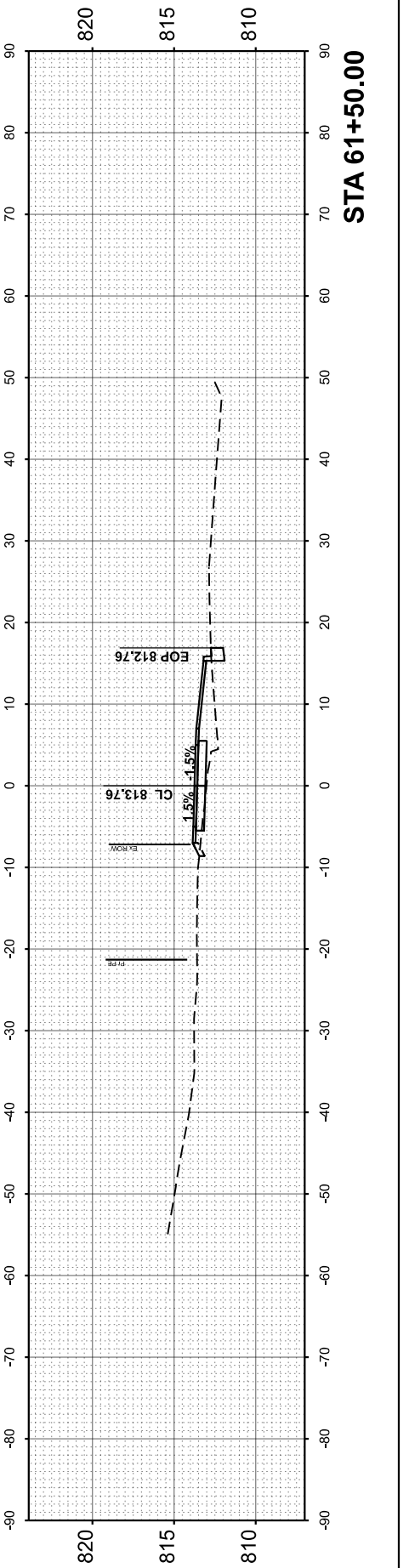
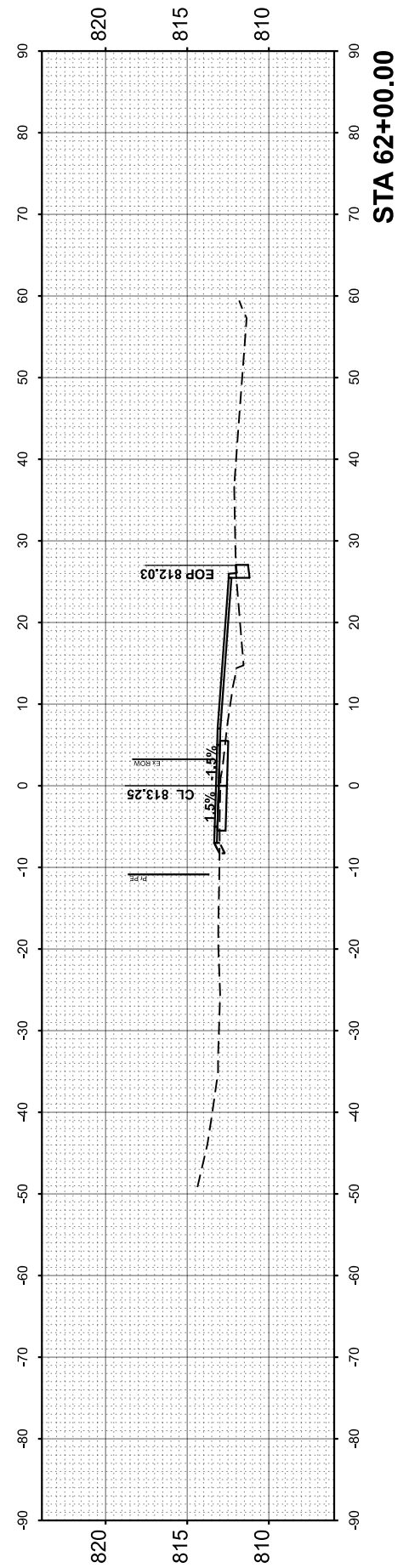
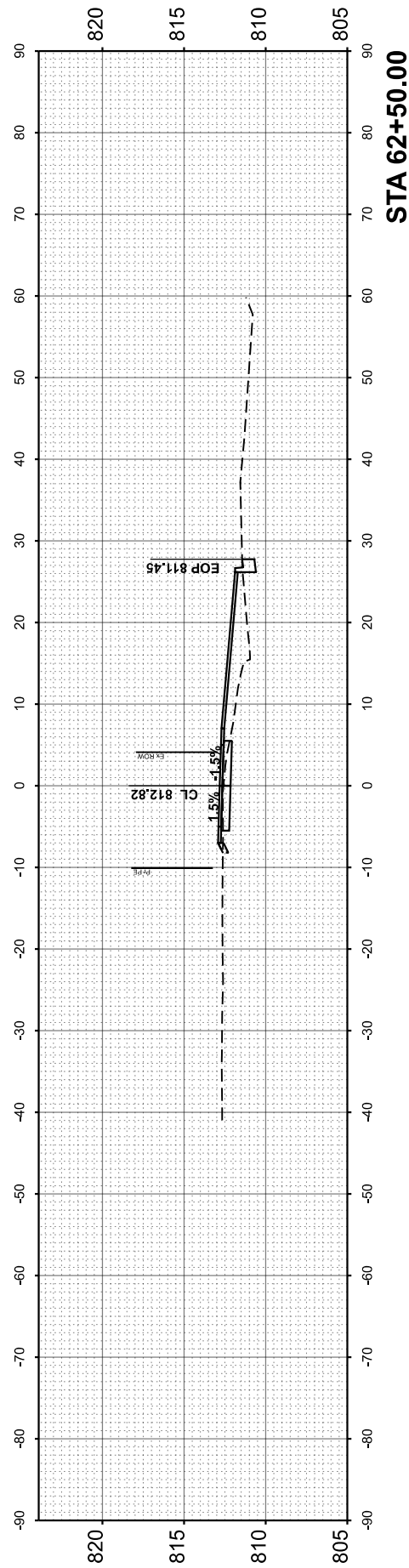
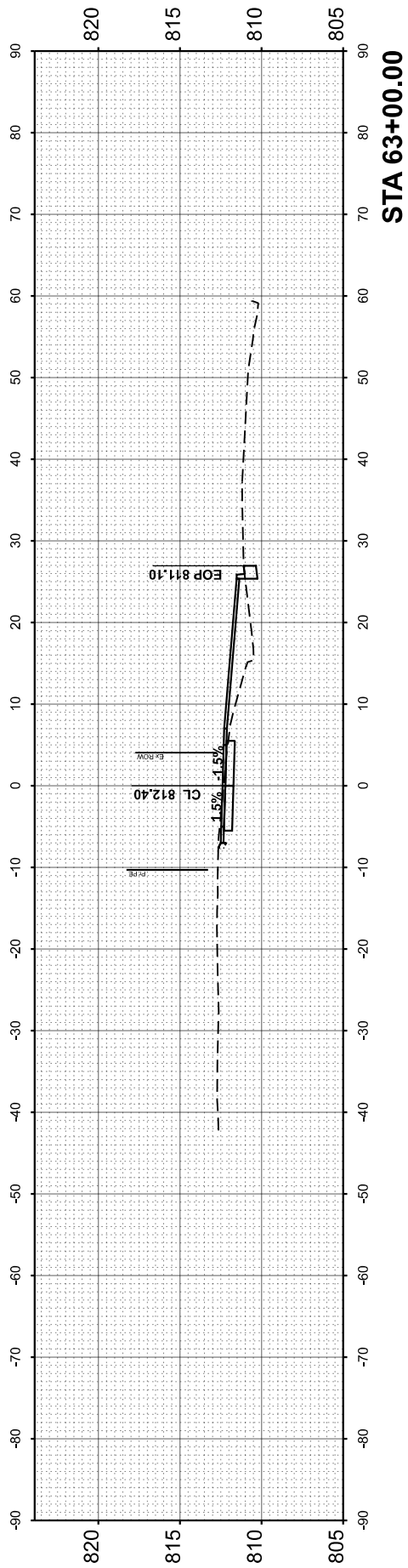
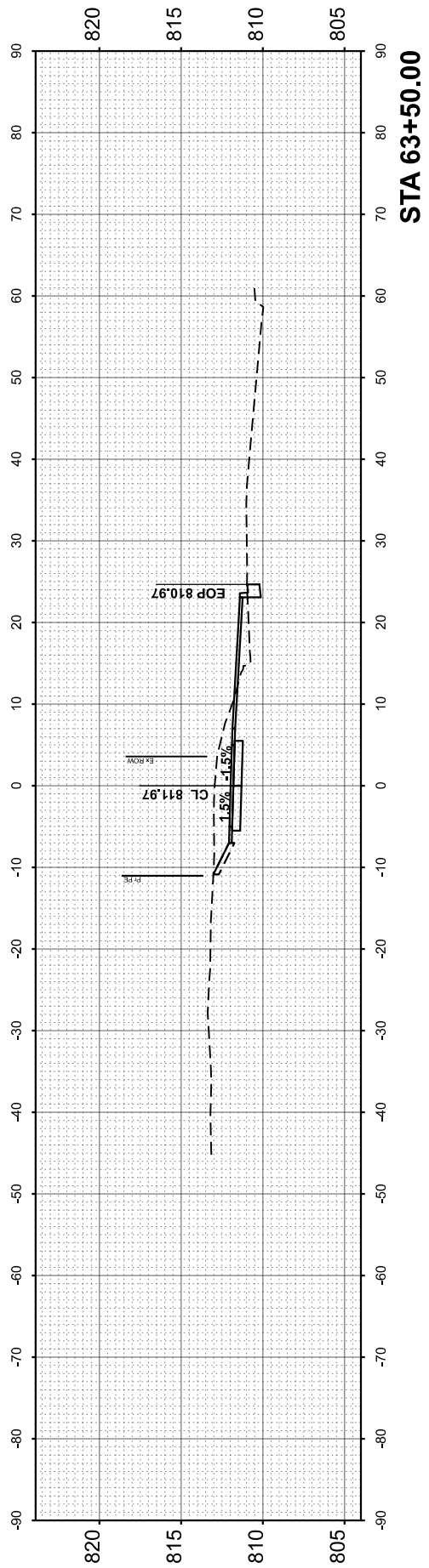


CROSS SECTIONS

CONTRACT NO. 91620

SHEET
 61 OF 65

MODEL: P:\CL-2-61+50.00 (Sheet)
 FILE NAME: 05174 - Gregory St. Sup - PH (Normal)\CADD\CADD Sheets\5174-sh-cs-hs.dgn



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT #: - 5174	

**GREGORY STREET
 TRAIL EXTENSION**



CROSS SECTIONS

CONTRACT NO. 91620

**SHEET
 62 OF 65**

MODEL: P:\CL-3-64-00.00 (Sheet)
 FILE NAME: 03174 - Gregory St. SUP - PH.HI (Normal)\CADD\CADD Sheets\03174-sh-cvtsht.dgn



DESIGNED - AOF	DATE - 11-3-23
DRAWN -	
CHECKED - RMB	
PROJECT #: - 5174	

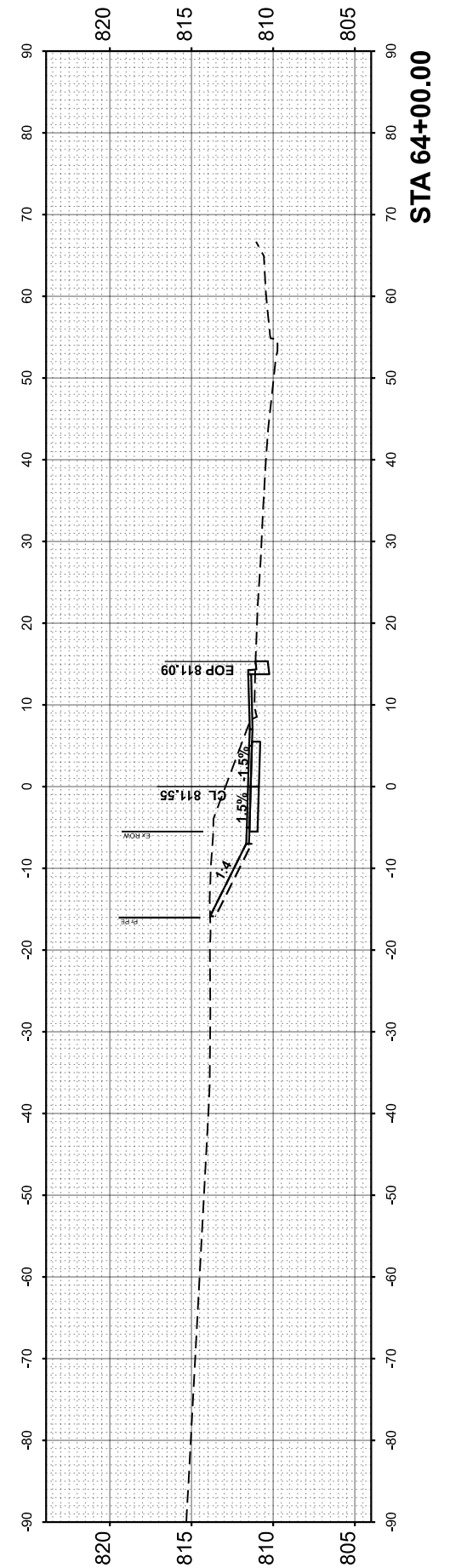
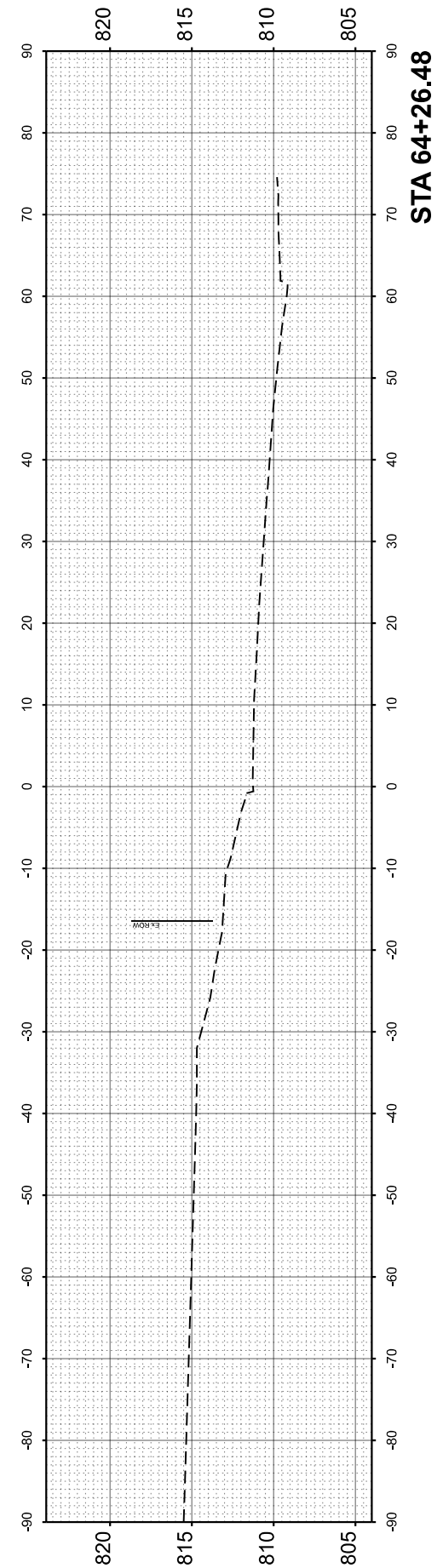
**GREGORY STREET
 TRAIL EXTENSION**



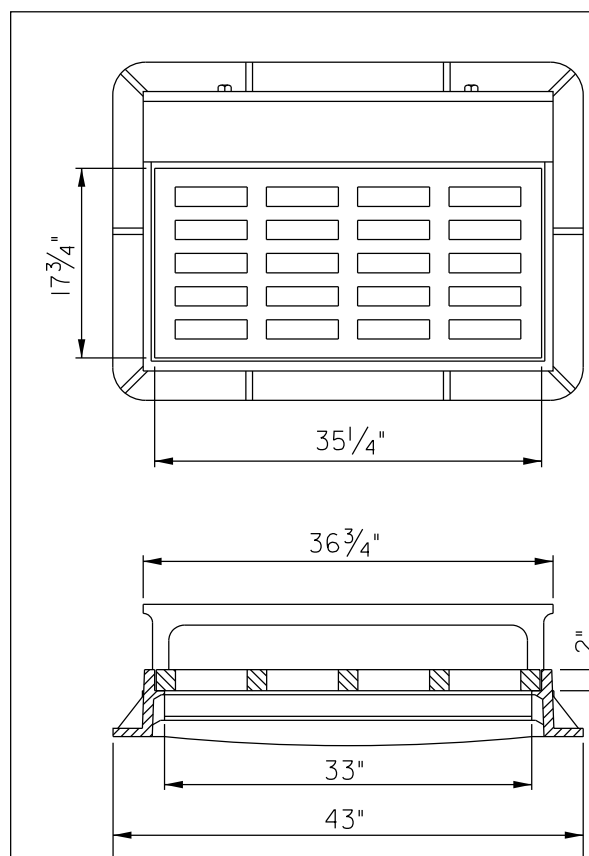
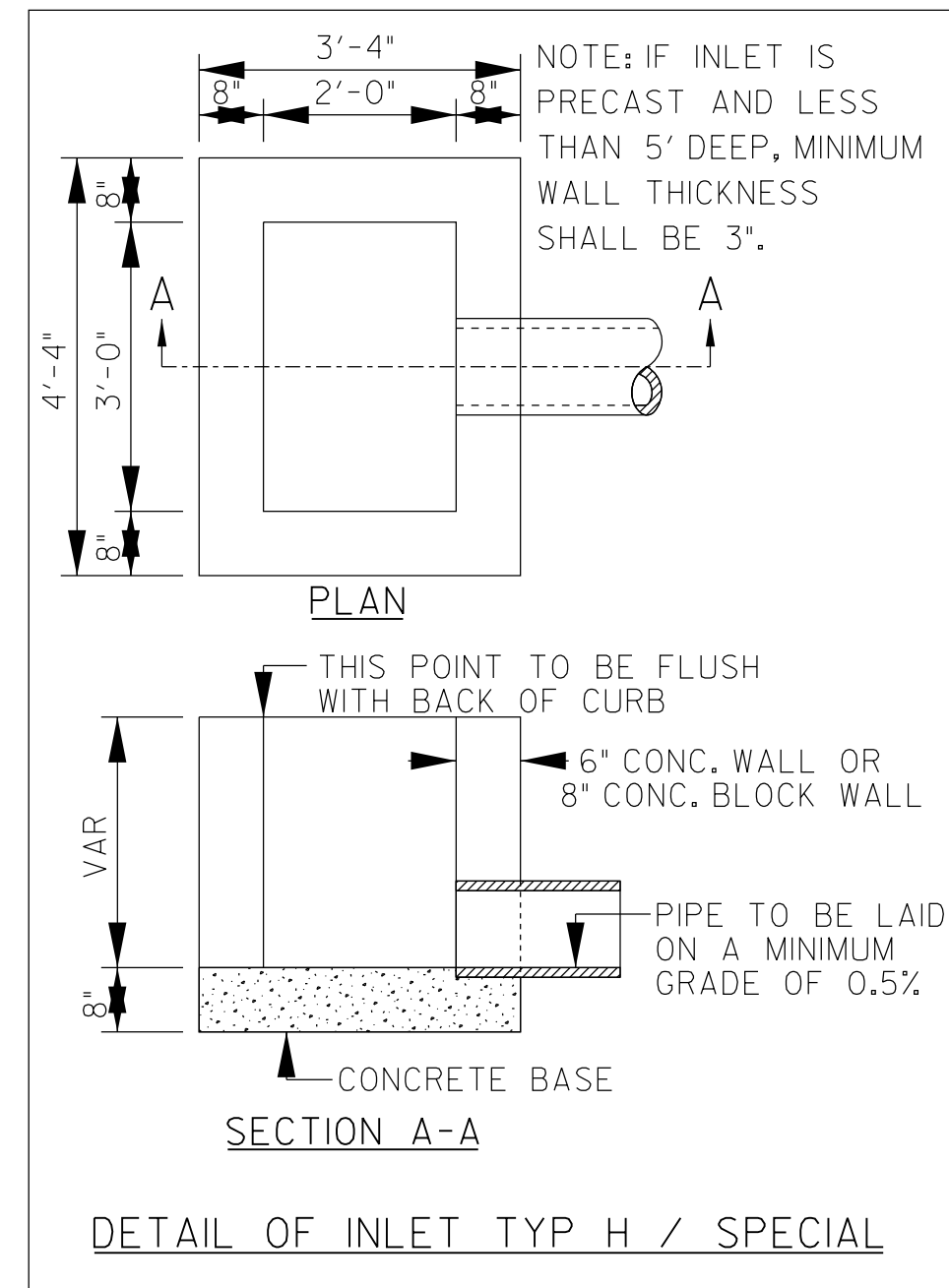
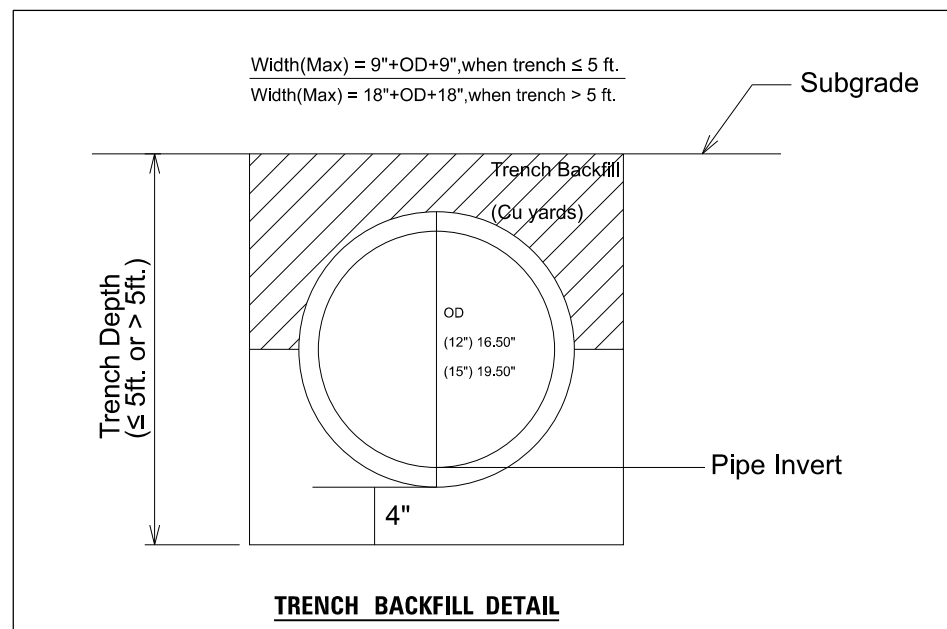
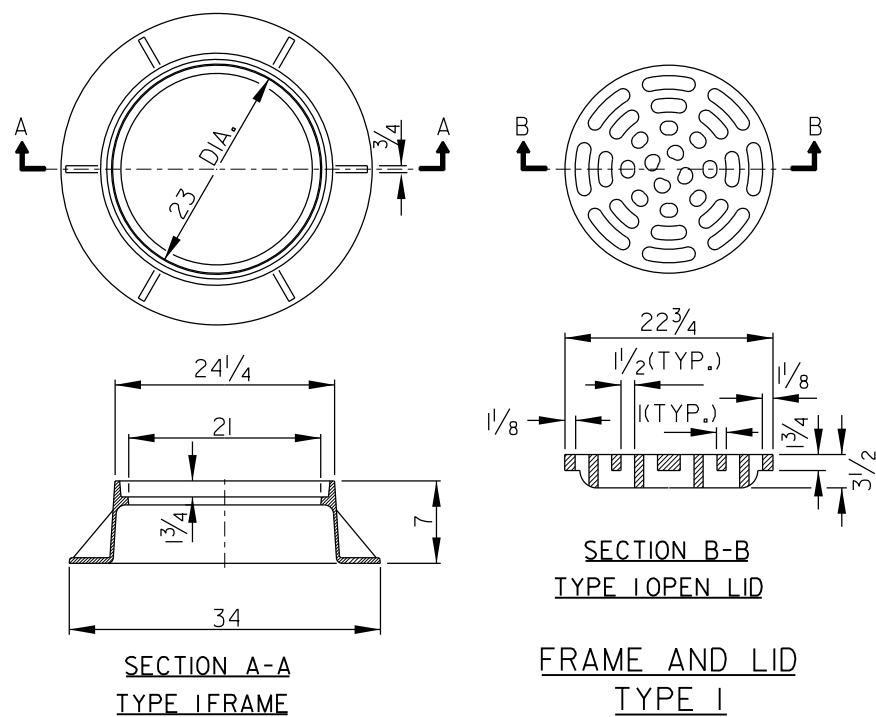
CROSS SECTIONS

CONTRACT NO. 91620

**SHEET
 63 OF 65**



NOTE: FRAME AND LID SHALL BE SIMILAR TO NEENAH FOUNDRY COMPANY NO. R-2502 MANHOLE FRAME WITH TYPE A OPEN LID. ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE SHOWN.



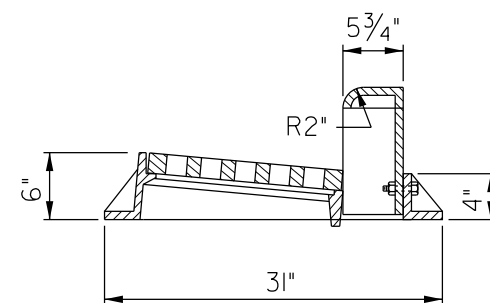
NOTES:

1. FRAME & GRATE SHALL BE SIMILAR TO NEENAH FOUNDRY COMPANY NO. R-3067, 3246 or 3290 WITH 2" RADIUS CURB BOX OR TYPE C OR TYPE L GRATE; OR EAST JORDAN MODEL 7030ZI FRAME, 7030TI HOOD (CURB BOC), AND/OR 7030M2 GRATE.

2. FRAME & GRATE SHALL BE CAST WITH AN ENVIRONMENTAL NOTICE SIMILAR TO "DRAINS TO WATERWAYS - NO DUMPING".

NOTE:

CURB BOX ADJUSTABL 6" TO 9".

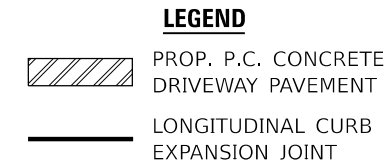
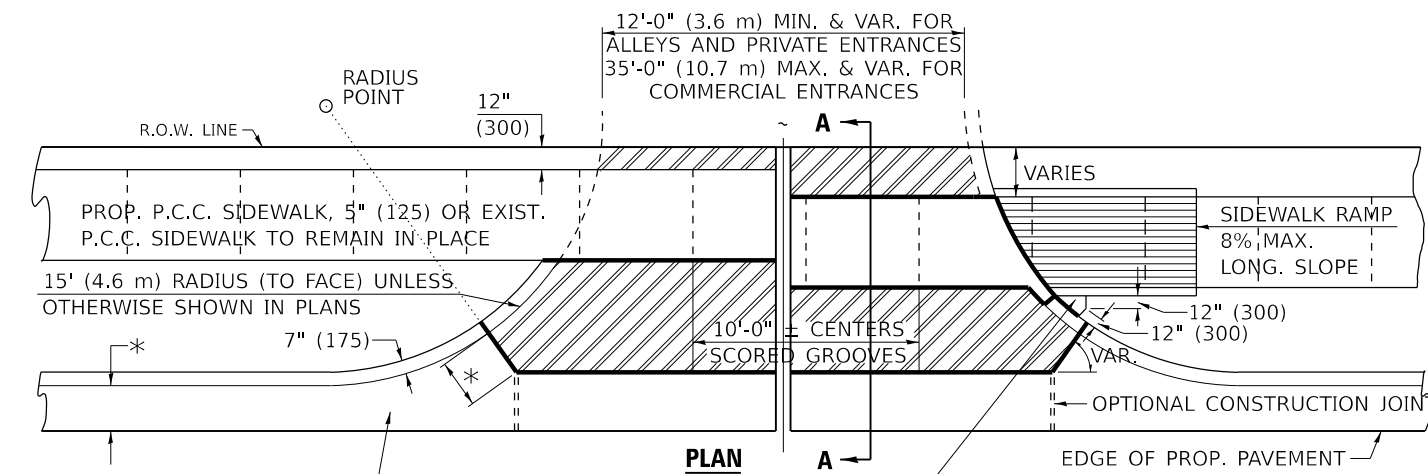


DETAIL TYPE 50 FRAME & GRATE

MODEL: Default
FILE NAME: 505174 - Gregory St. SUP - PH 11 (Normal)CADD/CADD Sheets/5174-shc-details.dgn

GENERAL NOTES

1. THIS LONGITUDINAL CURB EXPANSION JOINT SHALL BE PLACED ONLY WHERE THE PROPOSED P.C. CONCRETE SIDEWALK OR DRIVEWAY PAVEMENT MEETS AN EXISTING CONCRETE ENTRANCE. THE P.C.C. DRIVEWAY PAVEMENT WILL BE POURED MONOLITHIC WITH THE P.C.C. SIDEWALK WHEN THE DISTANCE BETWEEN THE SIDEWALK AND RIGHT-OF-WAY IS LESS THAN OR EQUAL TO 24" (600 mm). THE LONGITUDINAL EXPANSION JOINT BETWEEN THE DRIVEWAY PAVEMENT AND SIDEWALK WILL NOT BE NEEDED UNLESS THE DISTANCE EXCEEDS 24" (600 mm).
2. THE LONGITUDINAL CURB EXPANSION JOINT SHALL CONFORM TO SECTION 1051 OF THE STANDARD SPECS.
3. DRIVEWAYS THAT WILL MEET EXISTING OR PROPOSED CURB NEAR THE R.O.W. LINE SHALL HAVE THE CURB CONSTRUCTED FULL HEIGHT TO THE R.O.W. LINE.
4. DRIVEWAYS THAT WILL BE CONSTRUCTED WITH FULL HEIGHT CURBS AND NOT MEETING EXISTING OR PROPOSED CURBS NEAR THE R.O.W. LINE SHALL HAVE THE CURB SLOPED AS SHOWN ABOVE.
5. DEPRESSED CURB SHALL BE BUILT ONLY AT PRIVATE DRIVES WITH NO SIDEWALK RAMPS.
6. THE ENTRANCE GRADES WILL BE AS SHOWN ON THE STATION CROSS SECTIONS AND AS DIRECTED BY THE ENGINEER.
7. THE P.C. CONCRETE DRIVEWAY PAVEMENT SHALL BE CONSTRUCTED WITH SCORED GROOVES, AS SPECIFIED IN ARTICLE 424.06 OF THE STANDARD SPECIFICATIONS, AT APPROXIMATELY EVERY OTHER JOINT, EITHER IN THE EXISTING SIDEWALK OR THE PROPOSED SIDEWALK. THE PROPOSED P.C. CONCRETE SIDEWALK SHALL BE CONSTRUCTED PRIOR TO CONSTRUCTING THE P.C. CONC. DRIVEWAY PAVEMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. THE COMBINATION CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED AS SHOWN AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LIN.FT. (METER) FOR COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED IN THE PLANS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. THE P.C. CONCRETE SIDEWALK SHALL BE CONSTRUCTED AS SHOWN ABOVE AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ.FT. (m²) FOR P.C. CONCRETE SIDEWALK OF THE THICKNESS SPECIFIED IN THE PLANS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE EXTRA THICKNESS AS SHOWN ABOVE OR THE SEQUENCE OF CONSTRUCTION AS SPECIFIED.
10. BEFORE A CHANGE IN THE METHOD OF CONSTRUCTION IS ALLOWED, THE REQUEST SHALL BE SUBMITTED IN WRITING AND MUST BE APPROVED BY THE ENGINEER.
11. THE VARIABLE HEIGHT CURB ADJACENT TO THE P.C. CONCRETE DRIVEWAY PAVEMENT SHALL BE CONSTRUCTED MONOLITHIC WITH AND INCLUDED IN THE AREA OF THE P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ.YD. (m²) FOR P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS, INCLUDING THE MONOLITHIC CURBS AS SPECIFIED, THE SCORED GROOVES, THE LONGITUDINAL CURB EXPANSION JOINTS, AND THE ADDITIONAL THICKNESS REQUIRED ADJACENT TO THE DEPRESSED COMBINATION CONCRETE CURB AND GUTTER, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



PROP. P.C.C. SIDEWALK, 5" (125) OR EXIST. P.C.C. SIDEWALK TO REMAIN IN PLACE

15' (4.6 m) RADIUS (TO FACE) UNLESS OTHERWISE SHOWN IN PLANS

7" (175)

12" (300)

10'-0" CENTERS SCORED GROOVES

12" (300)

12" (300)

EDGE OF PROP. PAVEMENT

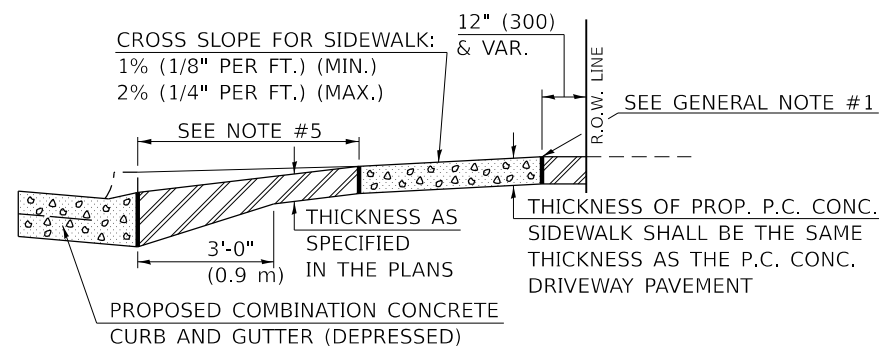
OPTIONAL CONSTRUCTION JOINT

P.C. CONCRETE SIDEWALK, 5" (125) SHALL BE POURED BETWEEN THE CURB OF THE DRIVEWAY AND SIDEWALK RAMP, WHERE IN THE OPINION OF THE ENGINEER, CONSTRUCTION WILL CREATE A MOVING PROBLEM (I.E. POINTED AREAS ADJACENT TO HIGH CURBS).

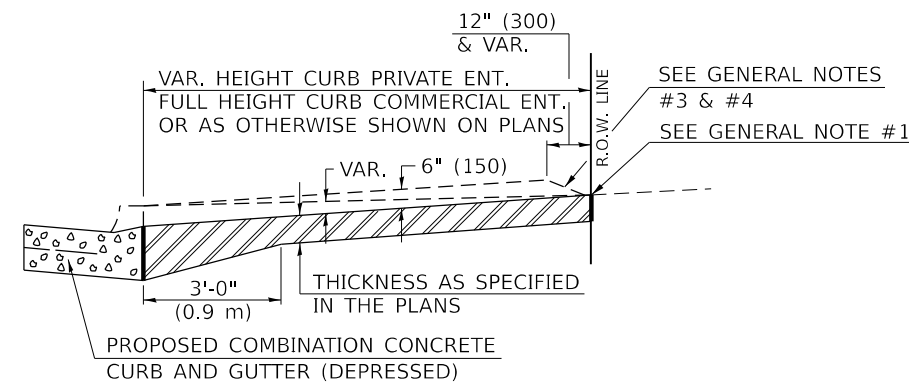
* WIDTH OF PROPOSED GUTTER FLAG

NOTE: SIDEWALK RAMPS SHALL BE CONSTRUCTED AT COMMERCIAL ENTRANCES. AT PRIVATE ENTRANCES RAMPS SHALL USUALLY BE NEEDED WHERE NARROW BOULEVARDS OR RADII GREATER THAN 15' (4.6 m) ARE CONSTRUCTED. THE BACK CURB RAMPS AT PRIVATE ENTRANCES MAY BE ELIMINATED IF GRADING CAN BE ACCOMPLISHED WITHOUT THE CURB.

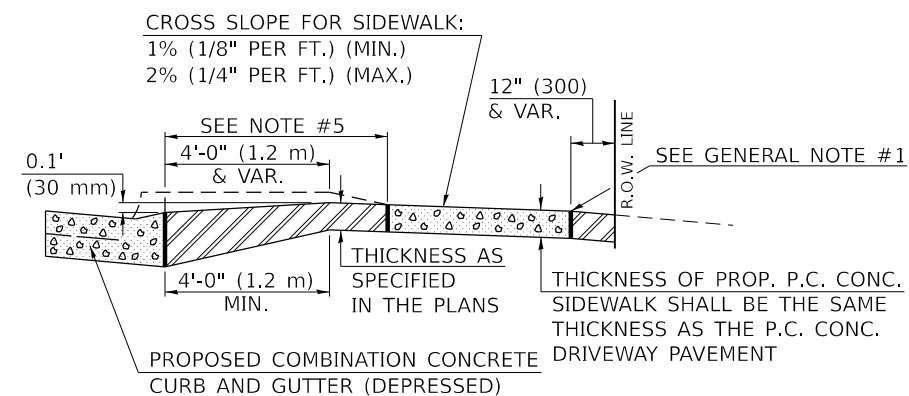
NOTE: THE ENTRANCE WIDTHS SHOWN ON THE PLANS SHALL BE INTERPRETED TO BE THE WIDTHS AT THE COMPLETED RADIUS, WHICH MAY BE LOCATED BEHIND THE R.O.W. LINE.



SECTION A-A WITH POSITIVE GRADE



SECTION A-A WITHOUT SIDEWALK



SECTION A-A WITH NEGATIVE GRADE

URBAN ENTRANCE DESIGN STANDARDS (PPM 40-09)																	
DESIGN ELEMENT	NEW CONSTRUCTION & 3R WITH CONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM										
	NONCOMMERCIAL			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL							
	min.	des.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.					
SURFACE WIDTH (FT)	12	12 or 14	24	1 LANE, 1 WAY						1 LANE, 1 WAY							
	with			14	16	24	2 LANE, 2 WAY						2 LANE, 2 WAY				
RADIUS (FT)	12	15 or 12	25	15	30	40	resurface existing configuration; existing hma or pcc entrances shall have "butt joints" constructed; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them										
ENTRANCE GRADE (%)	0	2 to 5	8	0	2 to 4	6	taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" for "butt joints" and to minimize aggregate shoulder if applicable, use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02										
SURFACE TYPE																	
INCIDENTAL HMA SURFACING (INCH)				3 or 4													
AGGREGATE SURFACE COURSE, TYPE A (INCH)				8													
PCC DRIVEWAY PAVEMENT (INCH)	3	6		6 or 8													

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 42300AAA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00272-00-BT	McLEAN	65	65
CONTRACT NO. 91620				
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE NAME: 2025174 - Gregory St. SUP - PH 111 (Normal)CADDDCADB Sheets174-ent-cadde D5.dgn



USER NAME = SHughes	DESIGNED -	REVISED - 11/06 TJB
	DRAWN -	REVISED - 09/07 KAG
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/3/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY PAVEMENT (PCC) (NON & COMMERCIAL URBAN)

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.