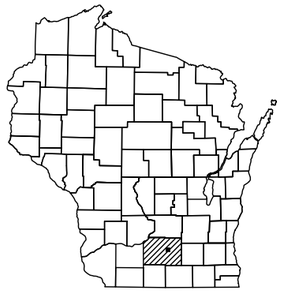
PROJECT ID: 5992-11-11
WITH: N/A

COUNTY: DANE

ORDER OF SHEETS

TOTAL SHEETS =



N

DESIGN DESIGNATION

A.A.D.T.	20__	=	N.A.
A.A.D.T.	20__	=	N.A.
D.H.V.		=	N.A.
D.D.		=	N.A.
T.		=	N.A.
DESIGN SPEED		=	N.A.
ESALS		=	N.A.

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE (300'EB')
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (955.36)
- CULVERT (Profile View)

UTILITIES

- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

C OF MADISON, AUTUMN RIDGE PATH

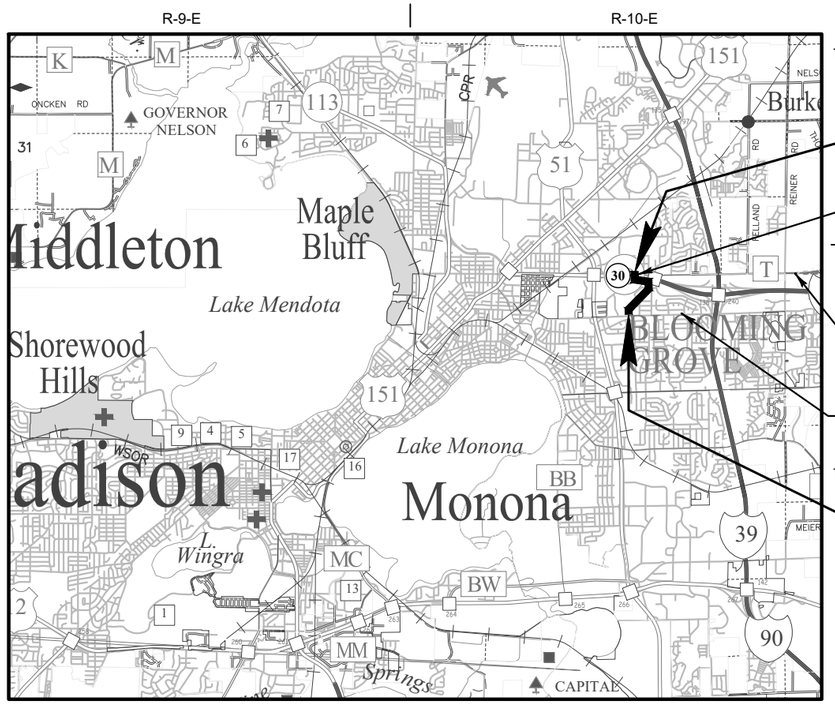
ZIEGLER ROAD TO MILWAUKEE STREET

NON HWY
DANE COUNTY

STATE PROJECT NUMBER
5992-11-11

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5992-11-11		

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS.



LAYOUT

SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 0.668 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), DANE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES.

ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

ACCEPTED FOR

CITY OF MADISON

Date _____ _____
(Signature and Title of Official)

ORIGINAL PLANS PREPARED BY

SEH
Building a Better World for All of Us™

Short Elliott Hendrickson Inc.
6808 Odana Road, Suite 200
Madison, WI 53719-1137
608.620.6199 main | 888.908.8166 fax
800.732.4362 toll free | www.sehinc.com

PRELIMINARY
60% REVIEW
NOT FOR BIDDING OR CONSTRUCTION

_____ _____
(Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	SEH
Designer	SEH
Project Manager	
Regional Examiner	
Regional Supervisor	

APPROVED FOR THE DEPARTMENT

DATE:_____ _____
(Signature)

E

STANDARD ABBREVIATIONS

ABUT	ABUTMENT
AC	ACRE
AGG	AGGREGATE
AECPRC	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
AECPCS	APRON ENDWALL FOR CULVERT PIPE CORRUGATED STEEL
ASPH	ASPHALTIC
AVG	AVERAGE
ADT	AVERAGE DAILY TRAFFIC
BF	BACK FACE
BM	BENCH MARK
BR	BRIDGE
CE	COMMERCIAL ENTRANCE
C/L	CENTER LINE
Δ	CENTRAL ANGLE OR DELTA
COB	CENTER OF BARRIER
CONC	CONCRETE
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
CR	CREEK
CY	CUBIC YARD
C&G	CURB AND GUTTER
D	DEGREE OF CURVE
DHV	DESIGN HOUR VOLUME
DISCH	DISCHARGE
DG	DITCH GRADE
DWY	DRIVEWAY
X	EAST GRID COORDINATE
EAT	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
EOR	END POINT OF RADIUS
EL	ELEVATION
ENT	ENTRANCE
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EXIST	EXISTING
FC	FACE OF CURB
FF	FACE TO FACE
FERT	FERTILIZE
FE	FIELD ENTRANCE
FL	FLOW LINE
FO	FIBER OPTIC
CWT	HUNDREDWEIGHT
HYD	HYDRANT
ID	INSIDE DIAMETER
INV	INVERT
IP	IRON PIPE ON PIN
LHF	LEFT-HAND FORWARD
L	LENGTH OF CURVE
LF	LINEAR FOOT
LC	LONG CHORD OF CURVE
LS	LUMP SUM
MH	MANHOLE
MOR	MID POINT OF RADIUS
NC	NORMAL CROWN
NO	NUMBER
OBLIT	OBLITERATE
PAVT	PAVEMENT
PE	PRIVATE ENTRANCE
PVRC	POINT OF VERTICAL REVERSE CURVE
QOR	QUARTER POINT OF RADIUS
R	RADIUS
REQ'D	REQUIRED
RES	RESIDENCE OR RESIDENTIAL
RHF	RIGHT-HAND FORWARD
R/W	RIGHT-OF-WAY
R	RIVER
RDWY	ROADWAY
R/L	REFERENCE LINE
SALV	SALVAGED
SAN	SANITARY SEWER
SF	SQUARE FEET
SY	SQUARE YARD
SDD	STANDARD DETAIL DRAWINGS
STA	STATION
SS	STORM SEWER
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
SE	SUPERELEVATION RATE
TC	TOP OF CURB
T OR TN	TOWN
T	TRUCKS (PERCENT OF)
TYP	TYPICAL
VAR	VARIABLE
VC	VERTICAL CURVE
Y	NORTH GRID COORDINATE
YD	YARD

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPERANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP- TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE- TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

TOTAL PROJECT AREA = _._ ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = _._ ACRES

DNR AREA LIAISON:

DNR SOUTH CENTRAL REGION HEADQUARTERS
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
TELEPHONE: 608.228.7927
ATTENTION: ERIC HEGGELUND
EMAIL: ERIC.HEGGELUND@WISCONSIN.GOV

WISDOT CONTACT:

WISCONSIN DEPT OF TRANSPORTATION
SOUTHWEST REGION
2101 WRIGHT ST.
MADISON, WI 53704-2583
TELEPHONE: 608.___.____
ATTENTION: _____
EMAIL: ____@DOT.WI.GOV

DESIGN CONTACT:

SHORT ELLIOTT HENDRICKSON INC.
6808 ODANA ROAD, SUITE 200
MADISON, WI 53719-1137
TELEPHONE: 608.620.6192
ATTENTION: CHRISTOPHER BLUM
EMAIL: CBLUM@SEHINC.COM

UTILITY CONTACT LIST:

AT&T WI - COMMUNICATION LINE
RYAN DENEWELLIS
152 DIXON STREET
MADISON, WI 53704
PHONE: (608) 252-2879
EMAIL: RD1238@ATT.COM

CHARTER COMMUNICATIONS - COMMUNICATION LINE
FRANK WOZNICK
2701 DANIELS ST
MADISON, WI 53718
MOB: (608) 215-9263
EMAIL: FRANK.WOZNIK@CHARTER.COM

CITY OF MADISON ENGINEERING - SEWER
GREGORY T. FRIES
210 MARTIN LUTHER KING JR. BLVD., ROOM 114
MADISON, WI 53703
PHONE: (608) 267-1199
EMAIL: GFRIES@CITYOFMADISON.COM

MADISON WATER UTILITY - WATER
PETE HOLMGREN
119 E. OLIN AVENUE
MADISON, WI 53713
PHONE: (608) 261-5530
EMAIL: PHOLMGREN@MADISONWATER.ORG

MADISON GAS & ELECTRIC - GAS
ROGER AHLES
623 RAILROAD STREET
MADISON, WI 53703
PHONE: (608) 252-5682
EMAIL: RAHLES@MGE.COM

MADISON GAS & ELECTRIC - ELECTRICITY
MARK BOHM
623 RAILROAD ST
MADISON, WI 53703
PHONE: (608) 252-4730
EMAIL: MBOHM@MGE.COM

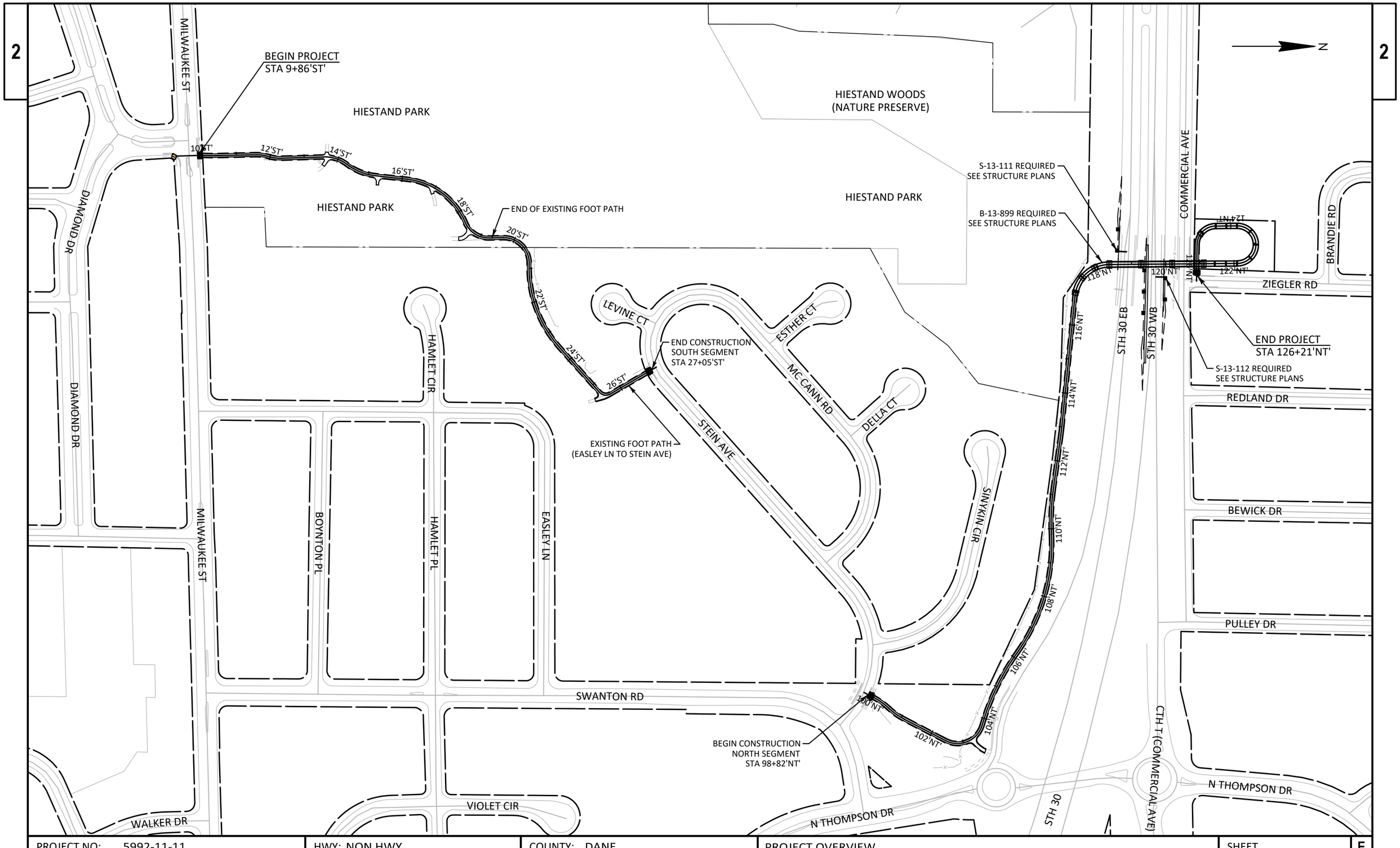
WINDSTREAM KDL, LLC - COMMUNICATION LINE
LORI KETTER
314 N. DANZ AVENUE
GREEN BAY, WI 54302
PHONE: (414) 274-9215 E
MAIL: LORI.KETTER@WINDSTREAM.COM

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

GENERAL NOTES:

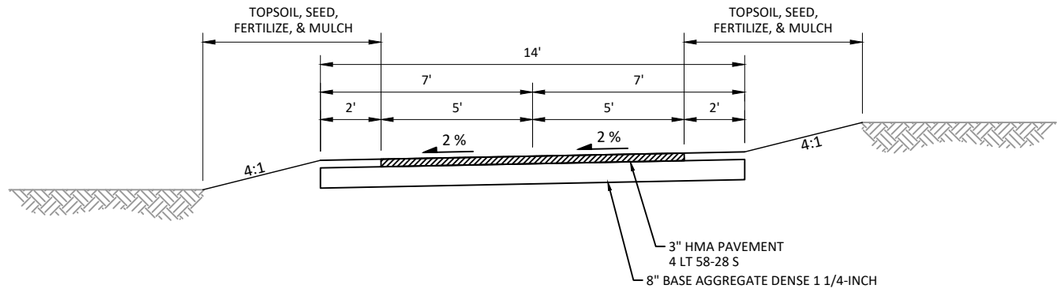
1. NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.
2. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
3. THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.
4. PRIOR TO ORDERING DRAINAGE PIPES AND STRUCTURES, THE CONTRACTOR SHALL VERIFY RELATED DRAINAGE INFORMATION IN THE PLANS WITH THE ENGINEER.
5. CONCRETE COLLAR REQUIRED AT JOINTS BETWEEN EXISTING AND NEW CULVERT PIPE.
6. JOINT TIES WILL BE REQUIRED ON THE ENDWALL AND LAST 2 SECTIONS PER STD 520 AND 524 ON ALL CULVERT PIPES.
7. INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES SHOWN ON THE PLAN MAY BE ADJUSTED BY THE ENGINEER TO FIT FIELD CONDITIONS.
8. WETLANDS, WATERWAYS, AND OTHER ENVIRONMENTALLY SENSITIVE AREAS SHALL BE PROTECTED AT ALL TIMES. DO NOT STORE EQUIPMENT OR MATERIALS NEAR THESE SITES UNLESS APPROVED BY THE ENGINEER.
9. BROKEN CONCRETE CONTAINING RE-BAR SHALL NOT BE USED AS RIPRAP.
10. CROSS SECTIONS SHOWN INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED. TOPSOIL SHALL BE REPLACED WITH 4-INCH TYPICAL DEPTH.
11. TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
12. REMOVAL OF EROSION CONTROL DEVICES IS INCLUDED IN THE COST OF THEIR RESPECTIVE BID ITEMS.
13. THE EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
14. ASPHALTIC AND CONCRETE SURFACES SHALL BE SAWCUT AT THE MATCH LINE AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER.
15. DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE TOPSOILED, FERTILIZED AND SEEDED.
16. FERTILIZER SHALL NOT BE USED NEAR NAVIGABLE WATERWAYS OR WETLANDS.
17. A CONVERSION FACTOR OF 2.0 TONS/CY IS USED TO ESTIMATE QUANTITIES FOR BASE AGGREGATE DENSE.
18. APPLY TACK COAT AT A RATE OF 0.07 GAL/SY TO MILLED SURFACE AND 0.05 GA/SY BETWEEN LAYERS OF HMA PAVEMENT.
19. HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.

2



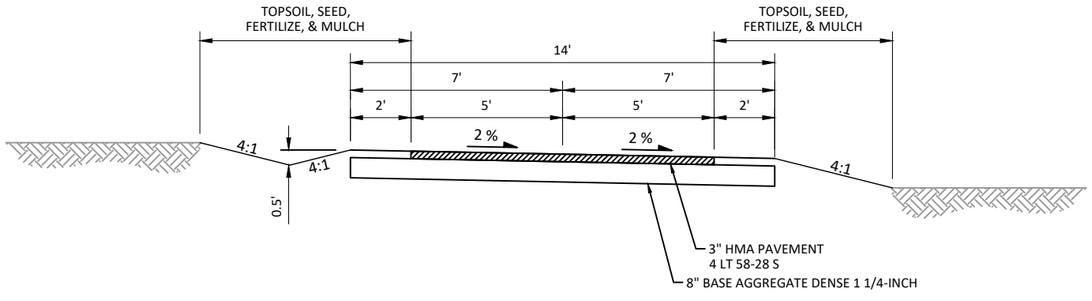
PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	PROJECT OVERVIEW	SHEET	E

2



FINISHED TYPICAL SECTION

SOUTH TRAIL STA 10+00 - 20+25

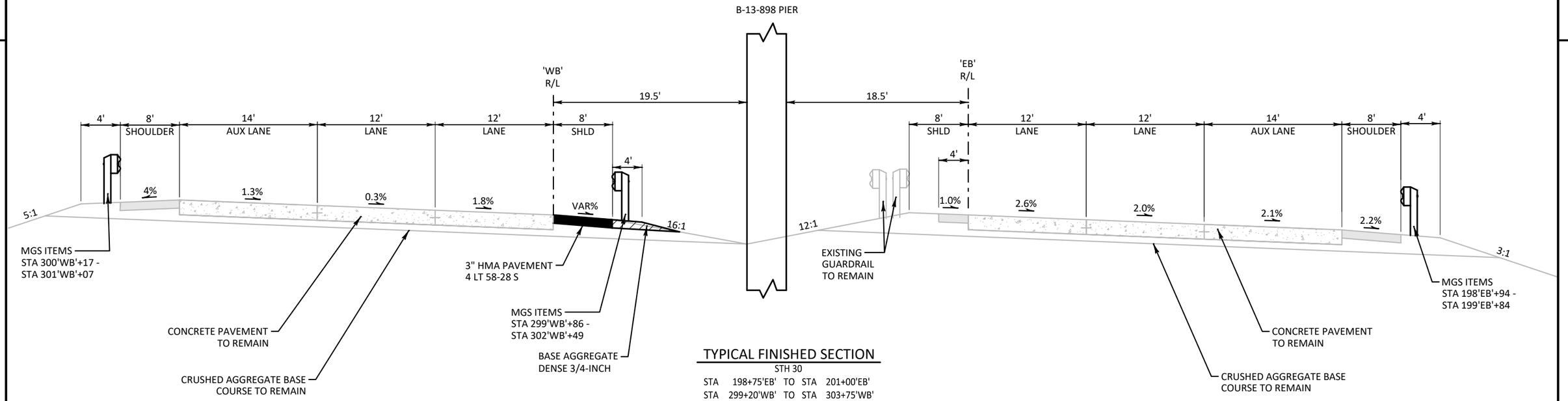


FINISHED TYPICAL SECTION

NORTH TRAIL STA 20+25 - 26+91

NORTH TRAIL STA 100+00 - 117+00

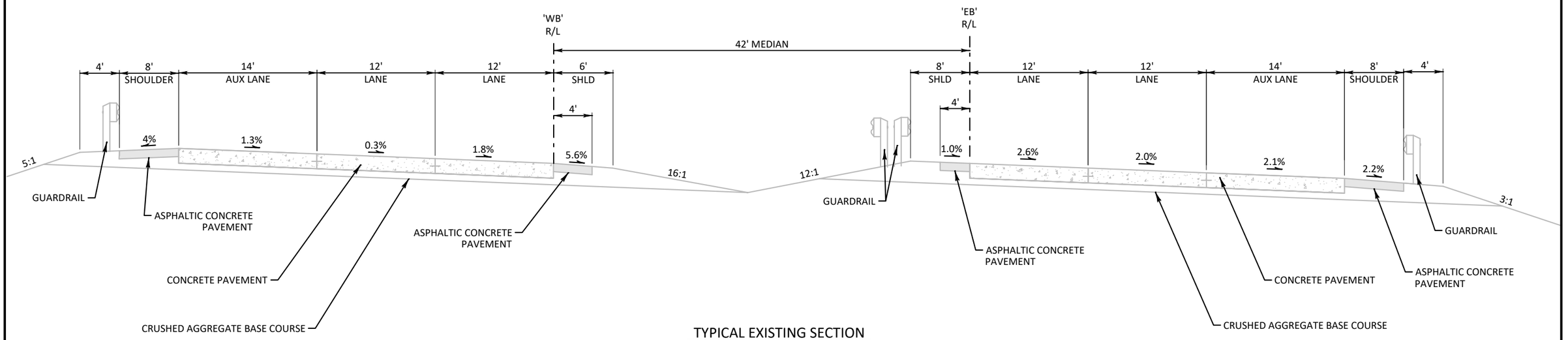
PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	TYPICAL SECTIONS	SHEET	E



TYPICAL FINISHED SECTION

STH 30

STA 198+75'EB' TO STA 201+00'EB'
STA 299+20'WB' TO STA 303+75'WB'



TYPICAL EXISTING SECTION

STH 30

STA 198+75'EB' TO STA 201+00'EB'
STA 299+20'WB' TO STA 303+75'WB'

PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	TYPICAL SECTIONS	SHEET	E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SHEETSPLAN\SEC 02 TYP SEC & DETAILS\020301_TS (TYPICAL SECTIONS).DWG
PLOT DATE : 2/15/2023 2:24 PM
PLOT BY : SEH
LAYOUT NAME : 01
PLOT SCALE : 1.0 IN = 10.0 FT
WISDOT/CADDS SHEET 42

STA 9+40.00'MS' POT:
Y=491,587.5053
X=841,588.1184

CITY OF MADISON - STM SWR (TYP)

MG&E - ELEC DISTRIBUTION (TYP)

CITY OF MADISON

MG&E - GAS (TYP)

STA 9+52.95'ST'
STA 10+00.00'MS'

STA 10+00.00'ST' PI:
Y=491,637.4809
X=841,646.8686

SLOPE INTERCETPT (TYP)

CITY OF MAD ENG - SANITARY SEWER (TYP)

N

STA 9+39.96'ST' POT:
Y=491,577.4647
X=841,648.3712

N87° 11' 15"E

N1° 26' 03"W

10'ST'

N1° 14' 48"E

C1

11'ST'

N1° 15' 14"W

C2

12'ST'

C3

N1° 40' 44"W

13'ST'

C4

14'ST'

C5

15'

N17° 12' 43"E

PI: 10+33.92'ST'

PI: 11+75.83'ST'

PI: 12+13.36'ST'

PI: 13+95.06'ST'

PI: 14+76.81'ST'

5.0'
2.0'

SAW CUT REQ'D
MATCH EX PAVEMENT

13+52.86'ST'
15.00'LT

R=10.0'

13+65.98'ST'
14.18'LT

13+78.64'ST'
15.00'LT

13+54.06'ST'
10.00'RT

R=5.0'

13+55.20'ST'
24.70'RT

R=15.0'

13+86.11'ST'
20.00'RT

N36° 51' 29"E

MATCH LINE 15+00'ST'

BEGIN PROJECT
STA 9+86'ST'
Y=491,623.8298
X=841,647.2104

CITY OF MADISON

APPROXIMATE
EXISTING ROW (TYP)

MADISON WATER UTILITY - WATER (TYP)

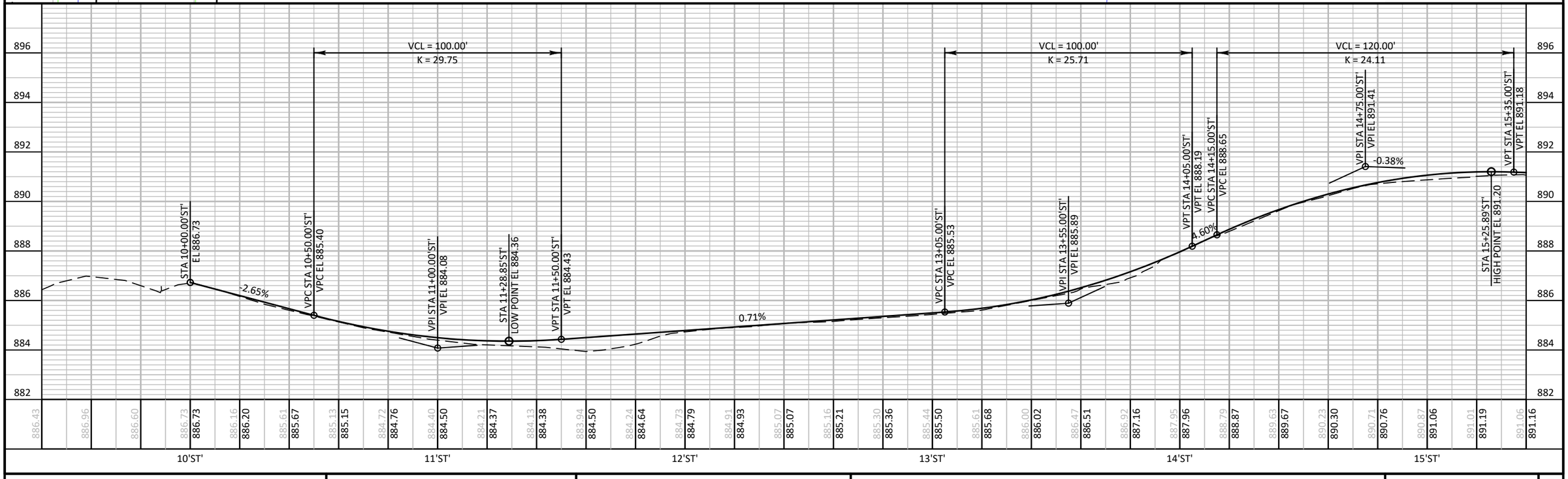
MILWAUKEE STREET

CITY OF MAD ENG - SANITARY SEWER (TYP)

STA 11+20.00'MS' POT:
Y=491,596.3377
X=841,767.9015

CITY OF MADISON - STM SWR (TYP)

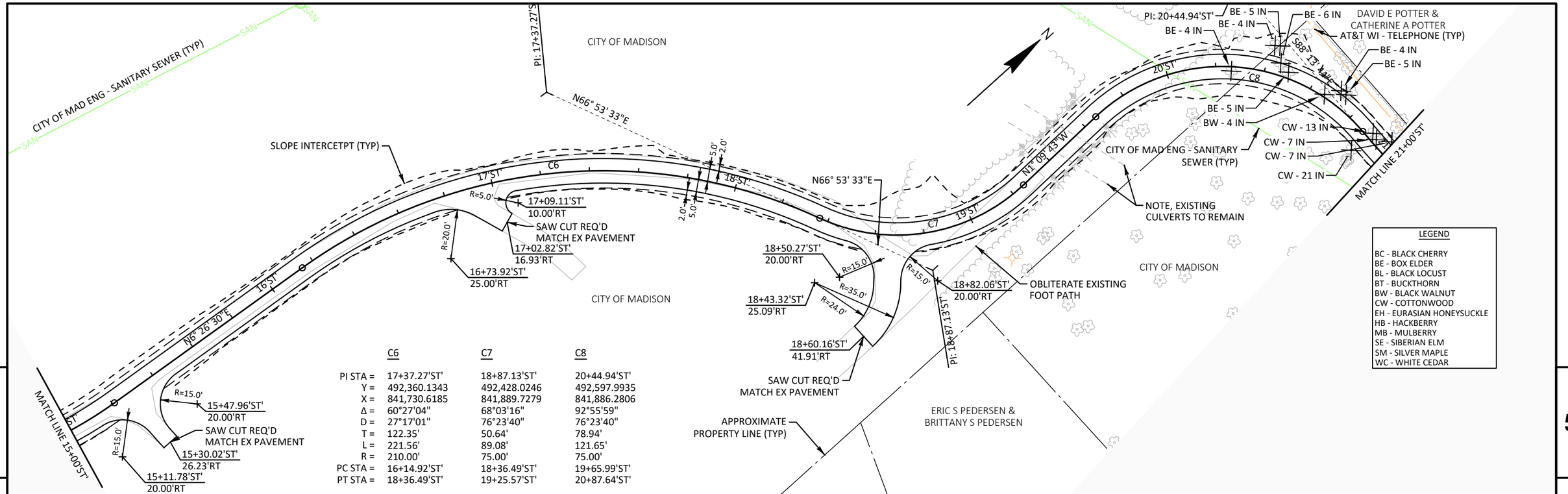
	C1	C2	C3	C4	C5
PI STA =	10+33.92'ST'	11+75.83'ST'	12+13.36'ST'	13+95.06'ST'	14+76.81'ST'
Y =	491,671.3930	491,813.2666	491,849.4164	492,031.4008	492,099.1452
X =	841,647.6066	841,644.5012	841,655.6997	841,650.3657	841,701.1520
Δ =	2°30'02"	18°27'57"	18°53'27"	38°32'12"	30°24'59"
D =	20°27'46"	52°05'13"	47°44'47"	52°05'13"	33°42'12"
T =	6.11'	17.88'	19.96'	38.45'	46.21'
L =	12.22'	35.45'	39.56'	73.99'	90.25'
R =	280.00'	110.00'	120.00'	110.00'	170.00'
PC STA =	10+27.81'ST'	11+57.94'ST'	11+93.40'ST'	13+56.61'ST'	14+30.59'ST'
PT STA =	10+40.03'ST'	11+93.40'ST'	12+32.96'ST'	14+30.59'ST'	15+20.84'ST'



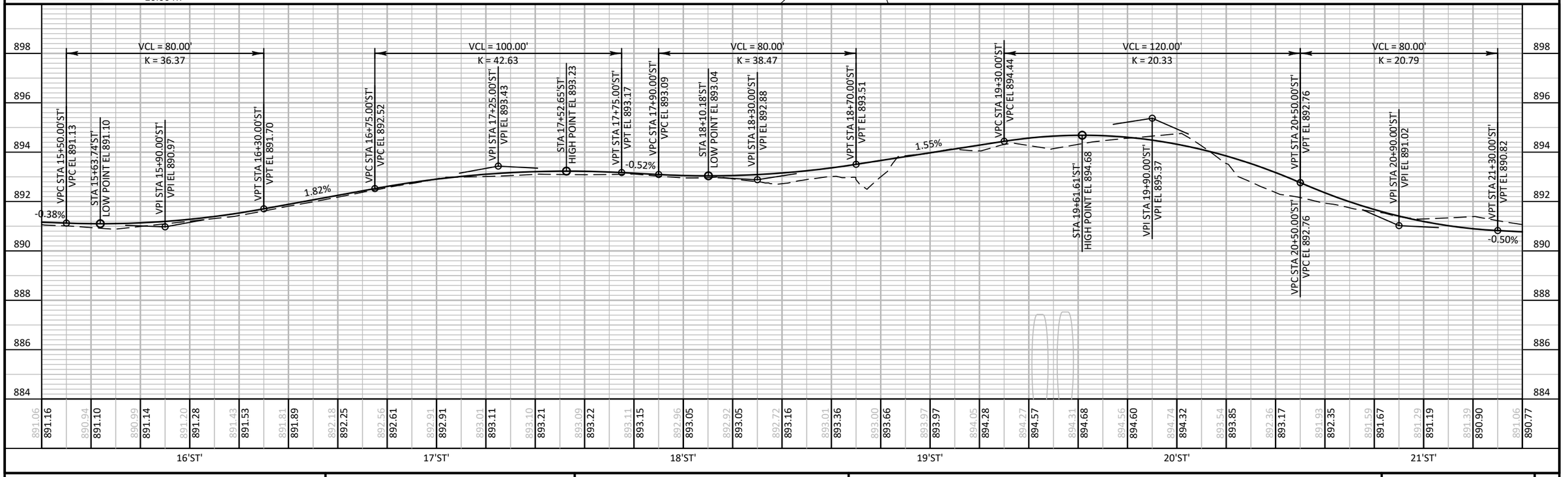
PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	PLAN AND PROFILE SOUTH TRAIL SEGMENT	SHEET E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SheetsPlan\SEC 05 Plan & Profile\050100_pp (PnP - Autumn Ridge Trail).dwg
PLOT DATE : 3/7/2023 11:20 AM
PLOT BY : SEH
LAYOUT NAME : 01
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



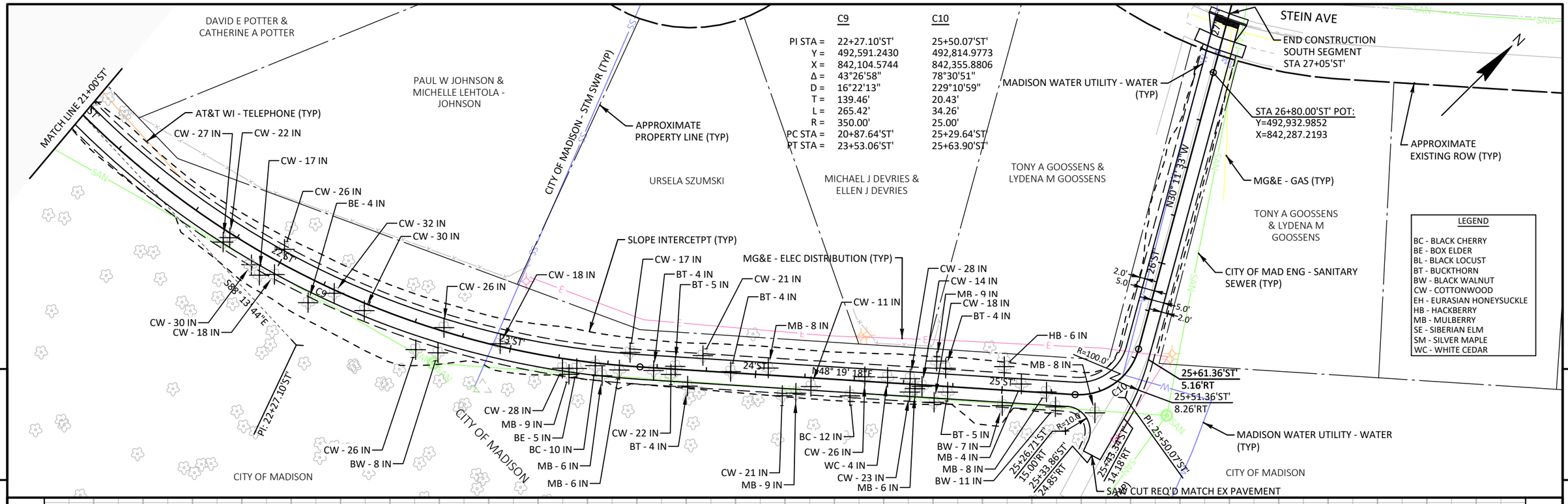
	C6	C7	C8
PI STA =	17+37.27'ST'	18+87.13'ST'	20+44.94'ST'
Y =	492,360.1343	492,428.0246	492,597.9935
X =	841,730.6185	841,889.7279	841,886.2806
Δ =	60°27'04"	68°03'16"	92°55'59"
D =	27°17'01"	76°23'40"	76°23'40"
T =	122.35'	50.64'	78.94'
L =	221.56'	89.08'	121.65'
R =	210.00'	75.00'	75.00'
PC STA =	16+14.92'ST'	18+36.49'ST'	19+65.99'ST'
PT STA =	18+36.49'ST'	19+25.57'ST'	20+87.64'ST'



PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	PLAN AND PROFILE SOUTH TRAIL SEGMENT	SHEET E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SheetsPlan\SEC 05 Plan & Profile\050100_pp (PnP - Autumn Ridge Trail).dwg PLOT DATE : 3/7/2023 11:21 AM PLOT BY : SEH LAYOUT NAME : 02 PLOT SCALE : 1 IN:40 FT

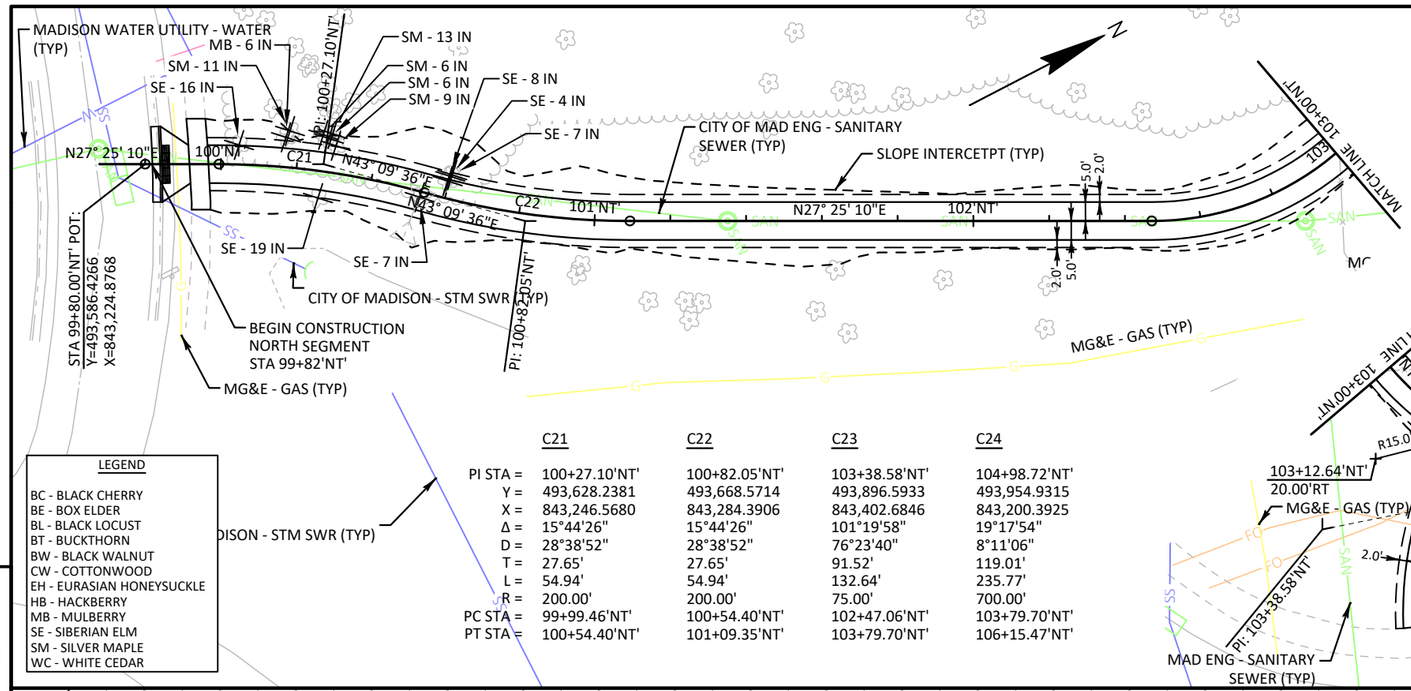
WISDOT/CADDS SHEET 44



PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	PLAN AND PROFILE SOUTH TRAIL SEGMENT	SHEET E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SheetsPlan\SEC 05 Plan & Profile\050100_pp (PnP - Autumn Ridge Trail).dwg PLOT DATE : 3/7/2023 11:21 AM PLOT BY : SEH LAYOUT NAME : 03 PLOT SCALE : 1 IN:40 FT

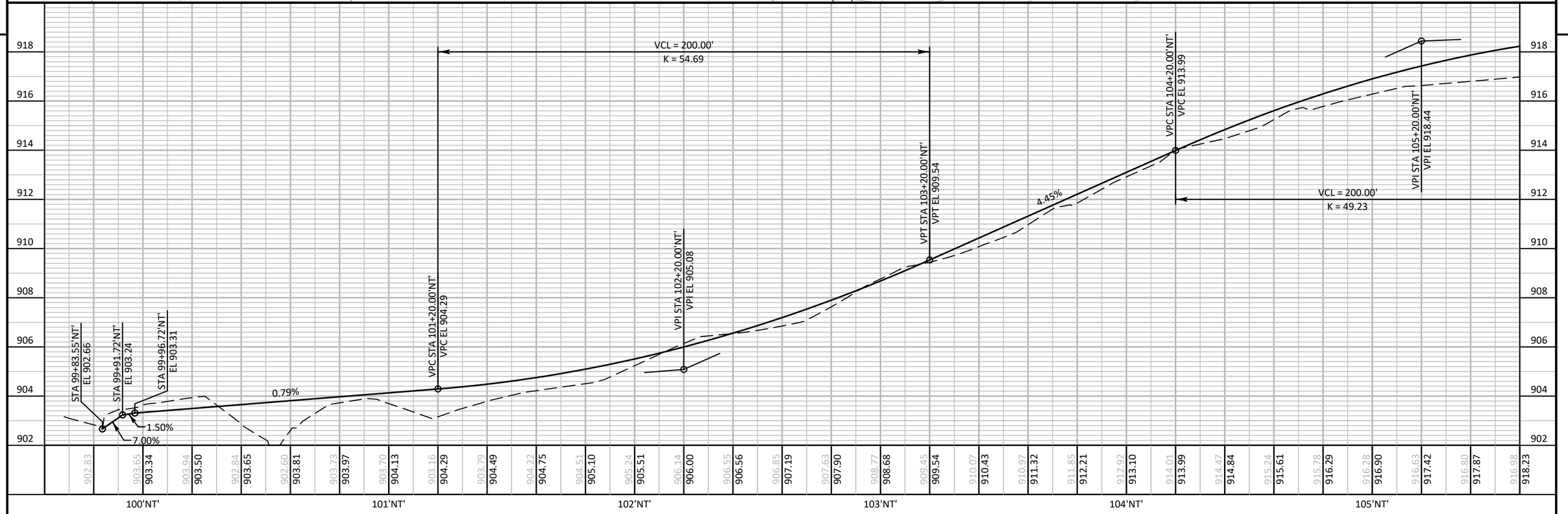
WISDOT/CADDS SHEET 44



LEGEND

BC - BLACK CHERRY
BE - BOX ELDER
BL - BLACK LOCUST
BT - BUCKTHORN
BW - BLACK WALNUT
CW - COTTONWOOD
EH - EURASIAN HONEYSUCKLE
HB - HACKBERRY
MB - MULBERRY
SE - SIBERIAN ELM
SM - SILVER MAPLE
WC - WHITE CEDAR

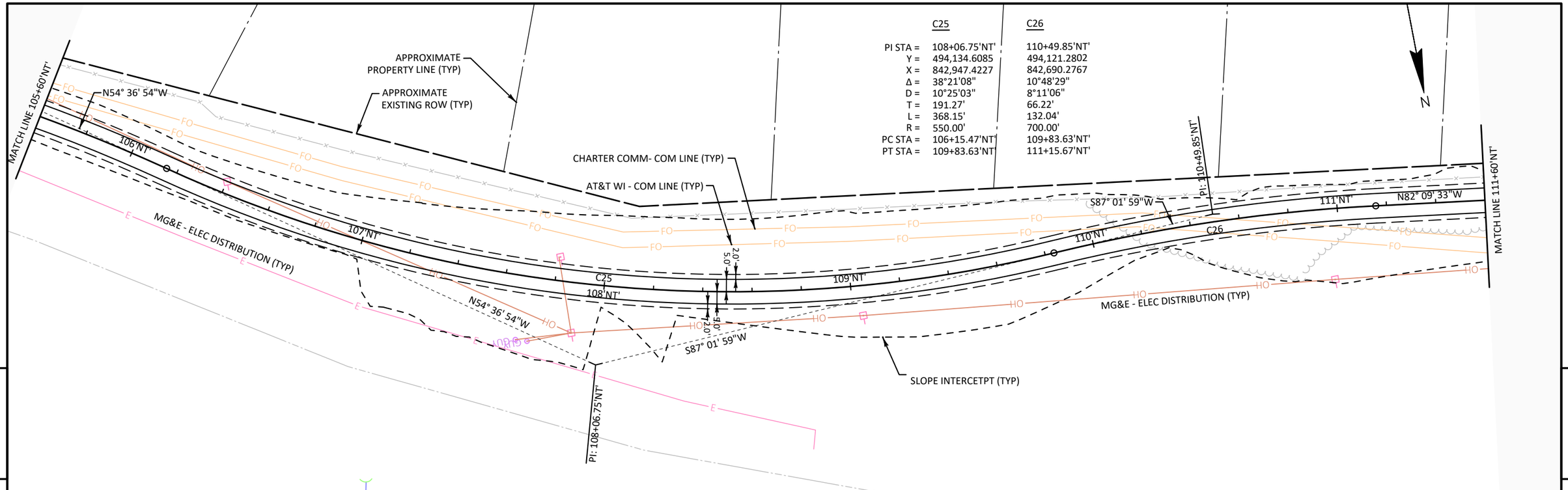
	C21	C22	C23	C24
PI STA =	100+27.10'NT'	100+82.05'NT'	103+38.58'NT'	104+98.72'NT'
Y =	493,628.2381	493,668.5714	493,896.5933	493,954.9315
X =	843,246.5680	843,284.3906	843,402.6846	843,200.3925
Δ =	15°44'26"	15°44'26"	101°19'58"	19°17'54"
D =	28°38'52"	28°38'52"	76°23'40"	8°11'06"
T =	27.65'	27.65'	91.52'	119.01'
L =	54.94'	54.94'	132.64'	235.77'
R =	200.00'	200.00'	75.00'	700.00'
PC STA =	99+99.46'NT'	100+54.40'NT'	102+47.06'NT'	103+79.70'NT'
PT STA =	100+54.40'NT'	101+09.35'NT'	103+79.70'NT'	106+15.47'NT'

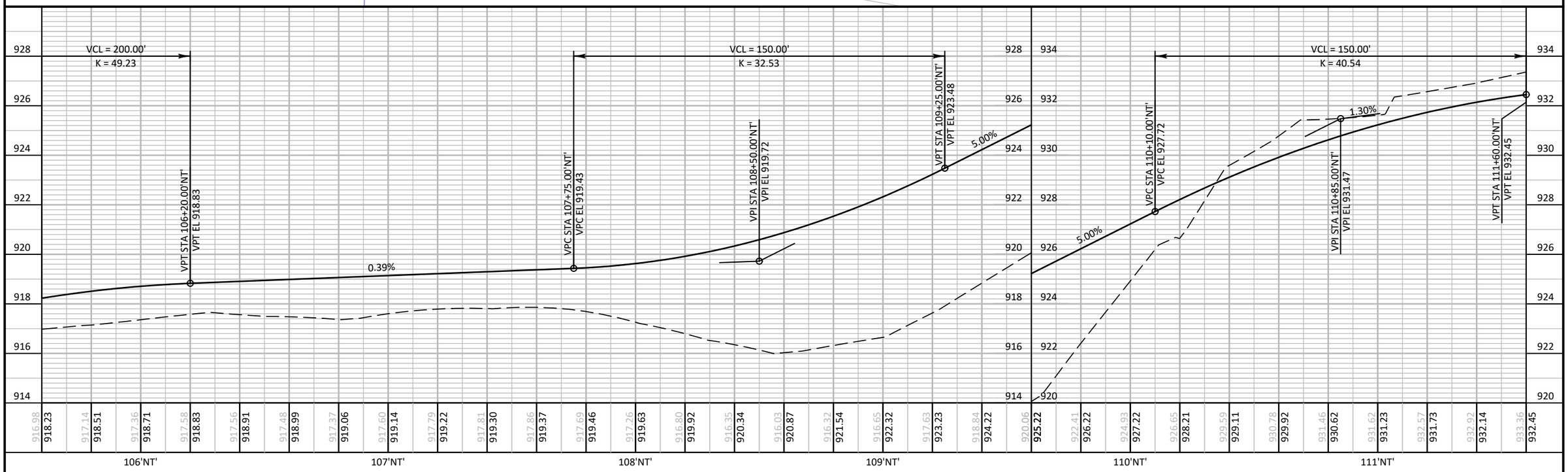


PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	PLAN AND PROFILE NORTH TRAIL SEGMENT	SHEET E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SheetsPlan\SEC 05 Plan & Profile\050100_pp (PnP - Autumn Ridge Trail).dwg
LAYOUT NAME - 04
PLOT DATE : 3/7/2023 11:21 AM
PLOT BY : SEH
LAYOUT NAME : 04
PLOT SCALE : 1 IN:40 FT

	C25	C26
PI STA =	108+06.75'NT'	110+49.85'NT'
Y =	494,134.6085	494,121.2802
X =	842,947.4227	842,690.2767
Δ =	38°21'08"	10°48'29"
D =	10°25'03"	8°11'06"
T =	191.27'	66.22'
L =	368.15'	132.04'
R =	550.00'	700.00'
PC STA =	106+15.47'NT'	109+83.63'NT'
PT STA =	109+83.63'NT'	111+15.67'NT'



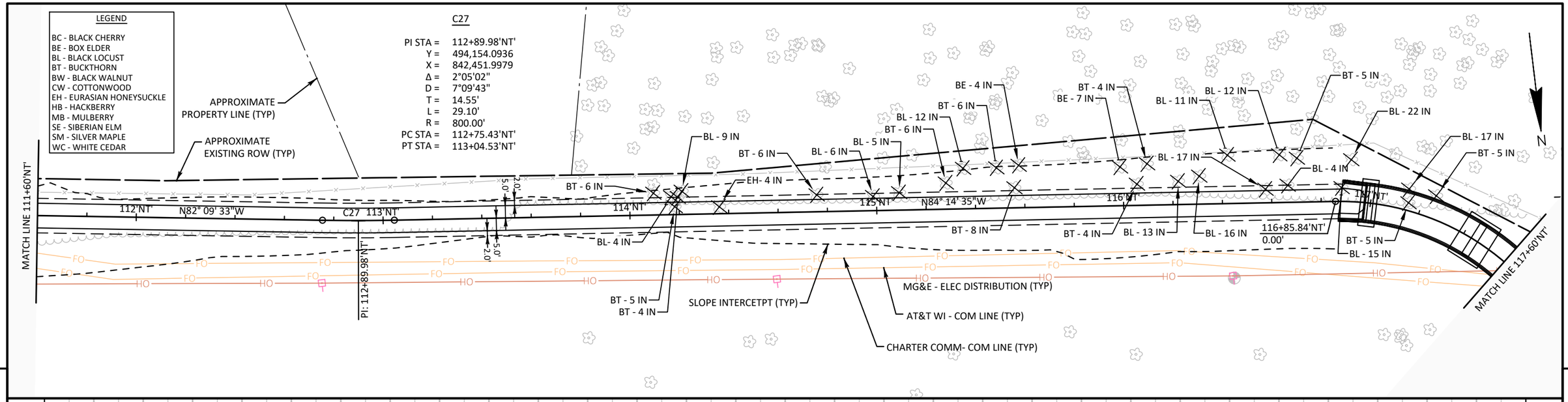


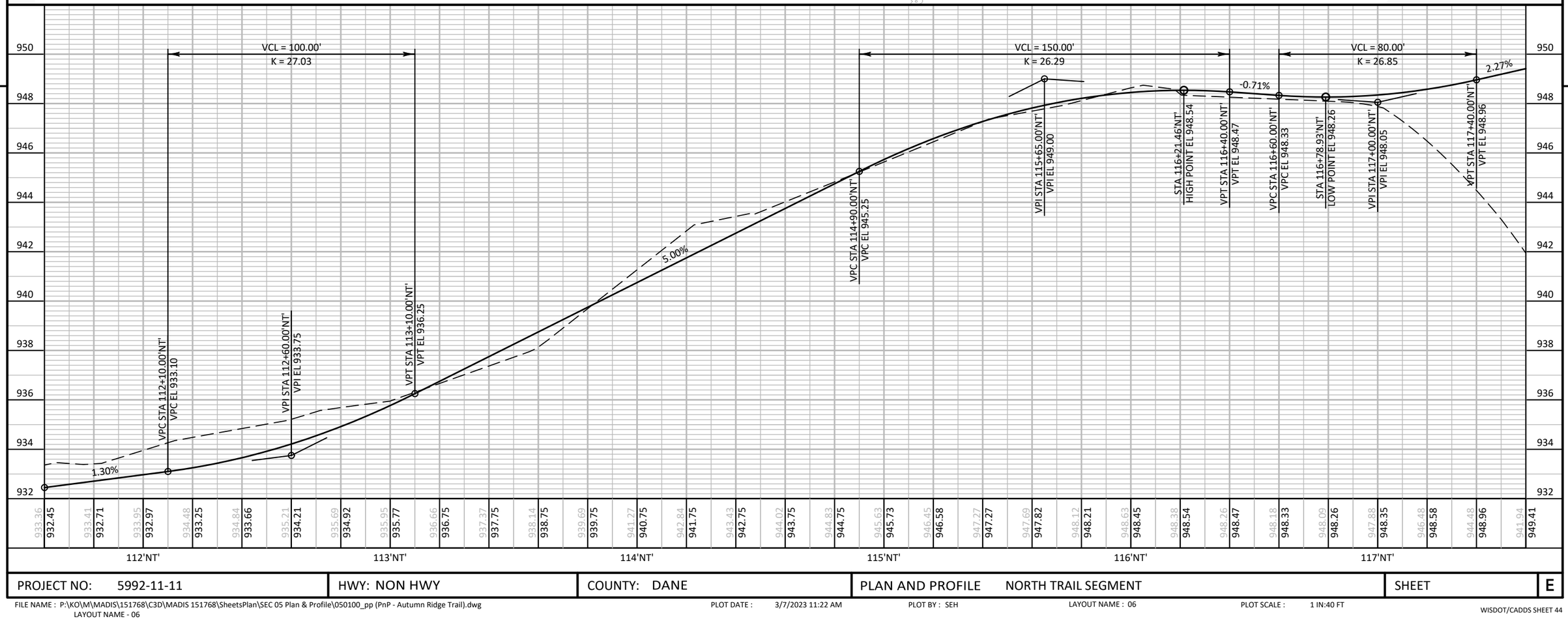
PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	PLAN AND PROFILE NORTH TRAIL SEGMENT	SHEET E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SheetsPlan\SEC 05 Plan & Profile\050100_pp (PnP - Autumn Ridge Trail).dwg
LAYOUT NAME - 05

PLOT DATE : 3/7/2023 11:22 AM PLOT BY : SEH LAYOUT NAME : 05 PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

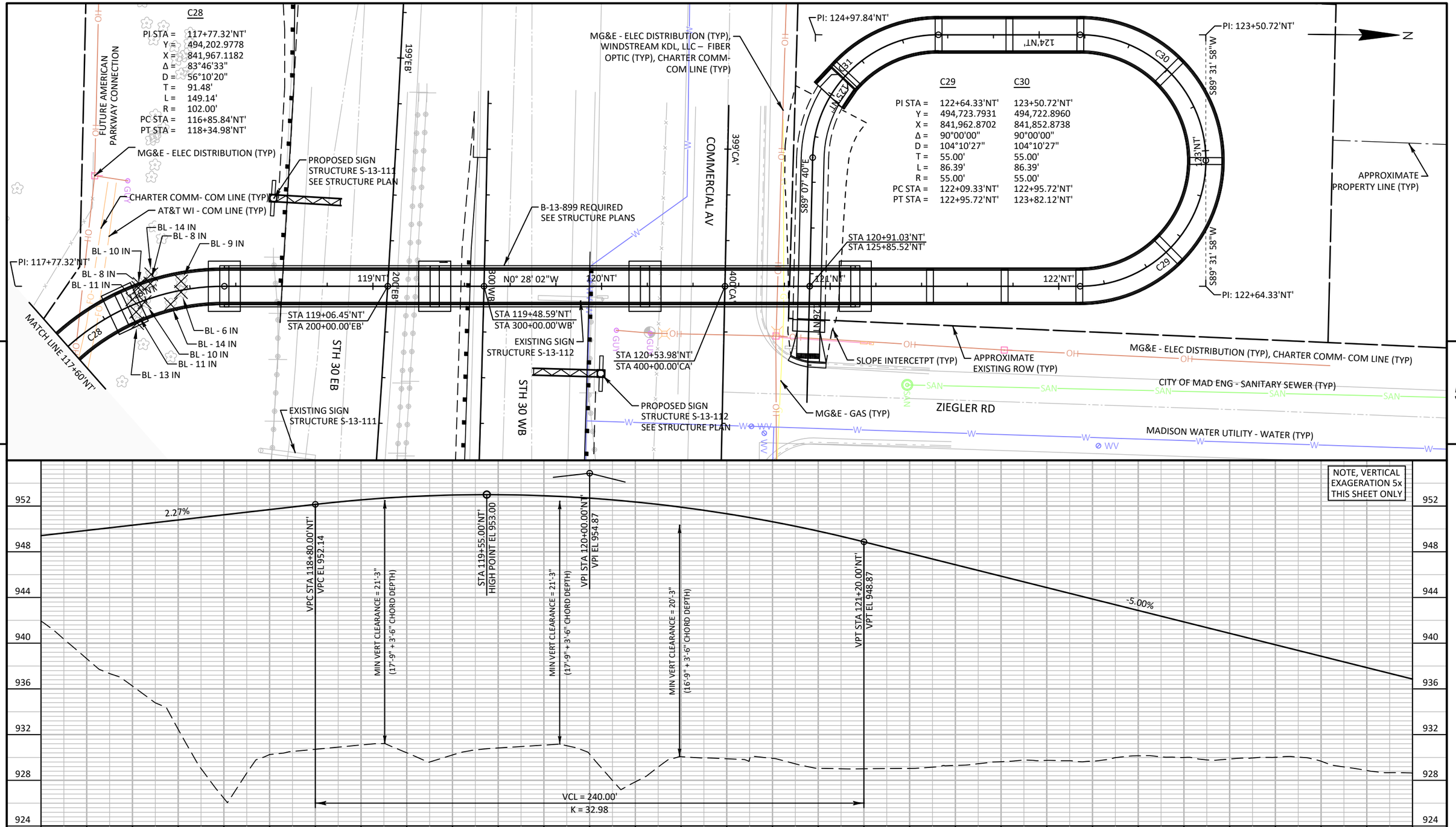




PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	PLAN AND PROFILE NORTH TRAIL SEGMENT	SHEET E

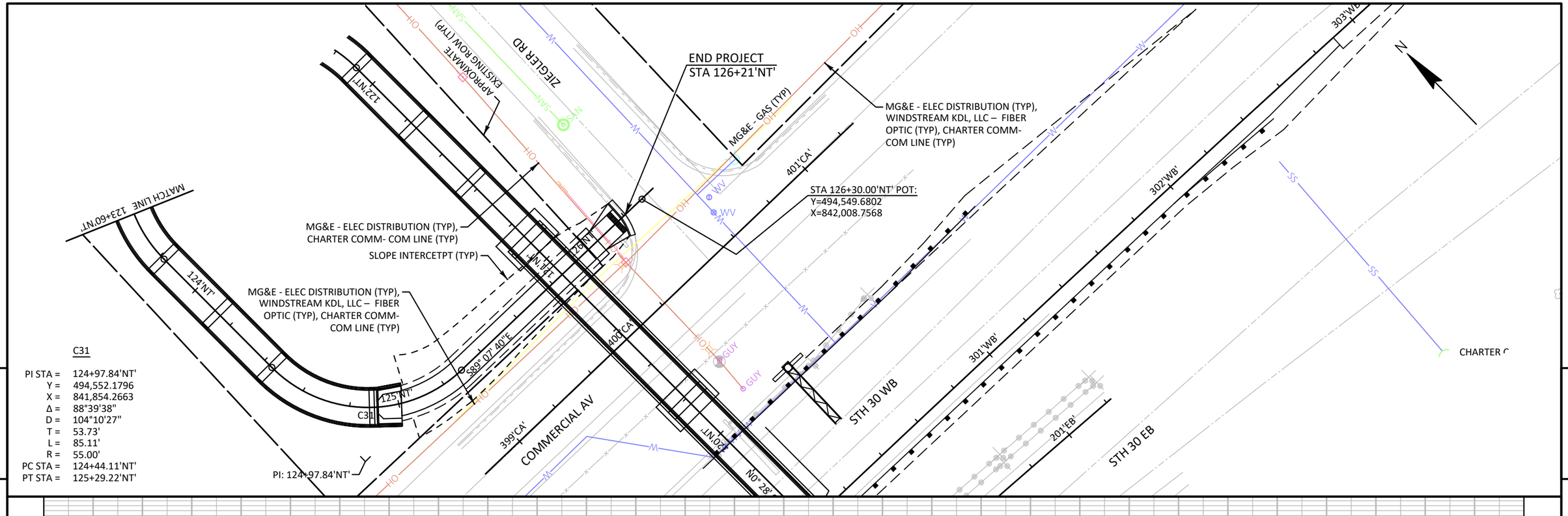
FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SheetsPlan\SEC 05 Plan & Profile\050100_pp (PnP - Autumn Ridge Trail).dwg
LAYOUT NAME - 06

PLOT DATE : 3/7/2023 11:22 AM | PLOT BY : SEH | LAYOUT NAME : 06 | PLOT SCALE : 1 IN:40 FT



PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	PLAN AND PROFILE NORTH TRAIL SEGMENT	SHEET E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SheetsPlan\SEC 05 Plan & Profile\050100_pp (PnP - Autumn Ridge Trail).dwg
LAYOUT NAME - 07
PLOT DATE : 3/7/2023 11:22 AM
PLOT BY : SEH
LAYOUT NAME : 07
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

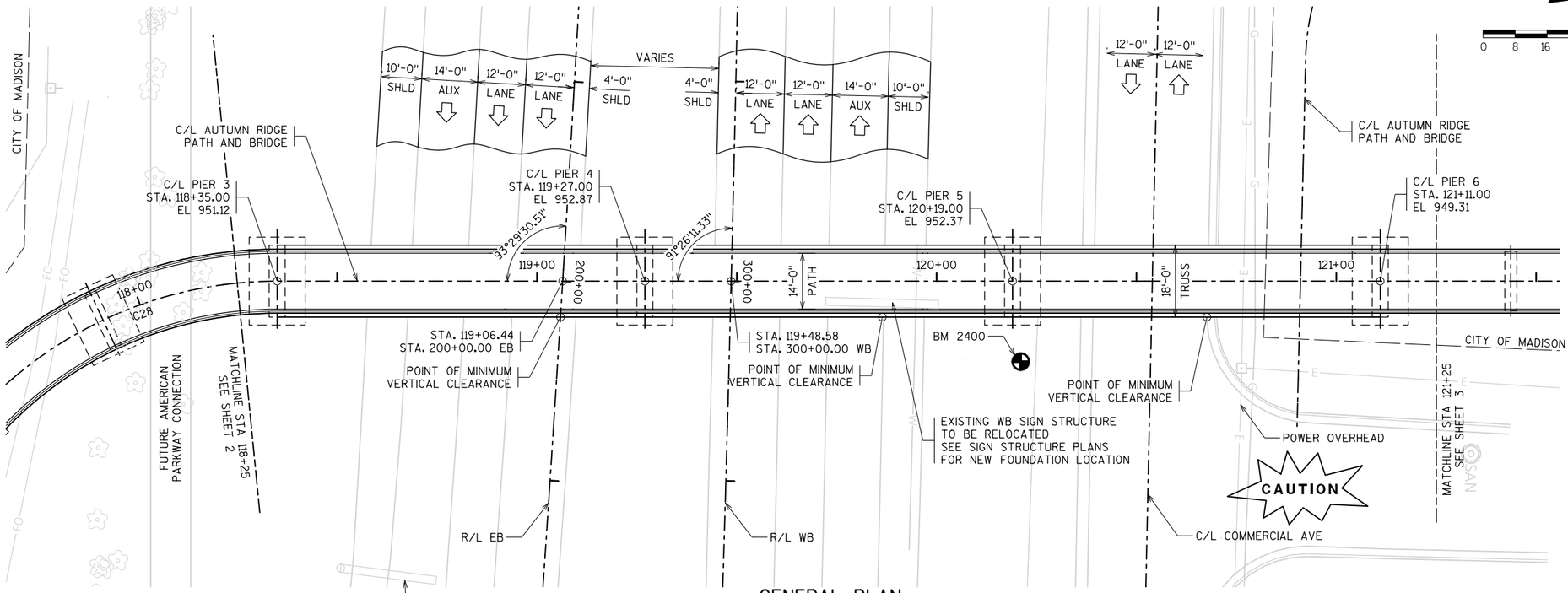


PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	PLAN AND PROFILE NORTH TRAIL SEGMENT	SHEET E

WINDSTREAM KDL, LLC – FIBER OPTIC (TYP)
MG&E - ELEC DISTRIBUTION (TYP)
MG&E - ELEC DISTRIBUTION (TYP), CHARTER COMM- COM LINE (TYP)
SLOPE INTERCETPT (TYP)
CITY OF MAD ENGI- SANITARY SEWER (TYP)
END PROJECT
STA 126+21'NT'
ZIEGLER RD
N
MG&E - GAS (TYP)
MG&E - ELEC DISTRIBUTION (TYP), WINDSTREAM KDL, LLC – FIBER OPTIC (TYP), CHARTER COMM- COM LINE (TYP)
APPROXIMATE EXISTING ROW (TYP)
125'NT'
120'NT'
126'NT'
STA 399+40.02'CA' POT:
Y=494,514.2272
X=841,904.6091
MG&E - ELEC DISTRIBUTION (TYP), WINDSTREAM KDL, LLC – FIBER OPTIC (TYP), CHARTER COMM- COM LINE (TYP)
COMMERCIAL AV
400'CA'
S89° 15' 25"E
401'CA'
STA 401+20.00'CA' POT:
Y=494,511.8927
X=842,084.5758
COMMERCIAL AVE
STA 120+53.98'NT'
STA 400+00.00'CA'
PROPOSED SIGN STRUCTURE S-13-112
STA 300+36.80'WB', 52.00'LT
SEE STRUCTURE PLAN
MADISON WATER UTILITY - WATER (TYP)
REMOVING GUARDRAIL
STA 299+92'WB' TO 300+8'WB', LT
300+86.58'WB'
50.00'LT
301+11.58'WB'
51.33'LT
301+36.51'WB'
54.00'LT
MATCH EXISTING PAVEMENT EDGE
MADISON WATER UTILITY - WATER (TYP)
C32
PI STA = 199+17.33'EB'
Y = 494,371.7643
X = 841,883.2841
Δ = 1°57'49"
D = 0°28'45"
T = 204.97'
L = 409.89'
R = 11,960.00'
PC STA = 197+12.37'EB'
PT STA = 201+22.26'EB'
299+83.87'WB'
46.00'LT
120'NT'
299+43.69'WB'
4.00'RT
BEGIN CONSTRUCTION
STH 30 WB
STA 299+44'WB'
STA 299+14.69'WB' POT:
Y=494,409.2593
X=841,880.1412
EXISTING SIGN STRUCTURE S-13-112 STA 300+05'EB', LT TO BE RELOCATED, REMOVE EXISTING CONCRETE BASE
MGS GUARD RAIL SYSTEM REQUIRED
STA 299+84'WB' TO STA 302+50'WB', RT
STA 299+84'WB' TO STA 301+37'WB', LT
300+86.66'WB'
46.00'LT
301+36.51'WB'
48.00'LT
302+56.14'WB'
46.00'LT
STA 304+21.05'WB' POT:
Y=494,395.1518
X=842,386.2847
STH 30 WB
STA 119+48.59'NT'
STA 300+00.00'WB'
299+83.70'WB'
6.00'RT
300'WB'
301'WB'
S89° 21' 42"E
PI: 301+67.89'WB'
301+99.42'WB'
6.00'RT
302+45.69'WB'
6.00'RT
S87° 26' 45"E
302'WB'
302+49.44'WB'
8.00'RT
303'WB'
302+89.45'WB'
4.00'RT
END CONSTRUCTION
STH 30 WB
STA 303+69'WB'
STA 197+12.37'EB' POT:
Y=494,377.7000
X=841,678.4031
BEGIN CONSTRUCTION
STH 30 EB
STA 197+45'EB'
299+23.68'WB'
6.00'RT
299+43.69'WB'
6.00'RT
299+83.70'WB'
10.00'RT
MATCH EXISTING PAVEMENT EDGE
301+99.42'WB'
10.00'RT
302+49.44'WB'
14.00'RT
302+89.45'WB'
6.00'RT
303+69.49'WB'
6.00'RT
END CONSTRUCTION
STH 30 EB
STA 200+19'EB'
198'EB'
S88° 20' 26"E
199'EB'
PI: 199+17.33'EB'
C32
S86° 22' 37"E
200'EB'
201'EB'
STA 201+22.26'EB' POT:
Y=494,358.8120
X=842,087.8414
119'NT'
STA 119+06.45'NT'
STA 200+00.00'EB'
EXISTING MEDIAN GUARD RAIL TO REMAIN
C33
PI STA = 301+67.89'WB'
Y = 494,406.4380
X = 842,133.3309
Δ = 1°54'59"
D = 0°22'42"
T = 253.21'
L = 506.36'
R = 15,140.00'
PC STA = 299+14.69'WB'
PT STA = 304+21.05'WB'
MGS GUARD RAIL SYSTEM REQUIRED
STA 198+65'EB' TO STA 200+81'EB', RT
MATCH EXISTING PAVEMENT EDGE
197+44.65'EB'
46.00'RT
198+65.11'EB'
48.00'RT
199+15.31'EB'
46.00'RT
198+90.21'EB'
51.33'RT
199+15.39'EB'
50.00'RT
198+65.11'EB'
54.00'RT
STH 30 EB
REMOVING GUARDRAIL
STA 199+90'EB' TO 200+81'EB', RT
200+18.80'EB'
46.00'RT
PROPOSED SIGN STRUCTURE S-13-111
STA 199+64.45'EB', 52.00'RT
SEE STRUCTURE PLANS
EXISTING SIGN STRUCTURE S-13-111 STA 200+75'EB' TO BE RELOCATED, REMOVE EXISTING CONCRETE BASE
AT&T WI - COM LINE (TYP)
CHARTER COMM- COM LINE (TYP)
MG&E - ELEC DISTRIBUTION (TYP)
118'NT'
B-13-899 REQUIRED
SEE STRUCTURE PLANS
FUTURE AMERICAN PARKWAY PATH CONNECTION

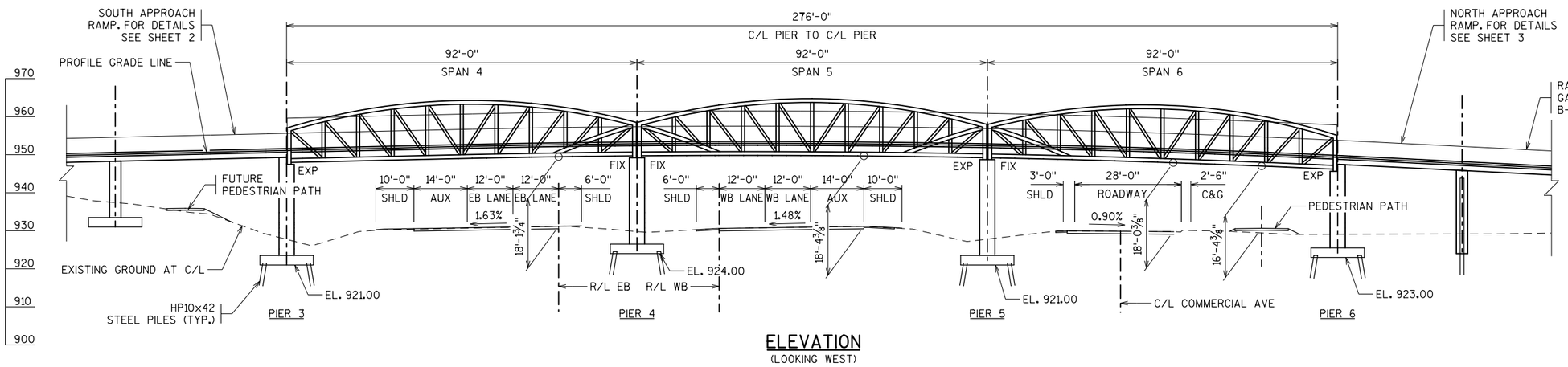
PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	PLAN: STH 30	SHEET	E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SheetsPlan\SEC 05 Plan & Profile\050200_pn (Plan STH 30).dwg
PLOT DATE : 3/7/2023 6:54 AM
PLOT BY : SEH
LAYOUT NAME : 09
PLOT SCALE : 1 IN:40 FT



GENERAL PLAN

(THREE-SPAN PREFABRICATED STEEL BOWSTRING TRUSS)
(THIRTEEN-SPAN CONCRETE SLAB)



ELEVATION

(LOOKING WEST)

CURVE DATA - C28

PI STA =117+77.32
Y =494,202.9778
X =841,967.1182
Δ =83°46'33"
D =56°10'20"
T =91.48'
L =149.14'
R =102.00'
PC STA =116+85.84
PT STA =118+34.98

BENCHMARK (DATUM = NAVD 88)

NO	STATION	DESCRIPTION	ELEV
2400	120+21.05 20.15'RT	TOP R/R SPK IN GUY POLE	930.175
2506	116+44.20 30.18'RT	SPIKE IN POWER POLE	944.079

NOTES:

SEE SHEET 2 FOR FOUNDATION DATA

PAINTED STEEL BOWSTRING TRUSS DESIGNED AND SUPPLIED BY BRIDGE TRUSS MANUFACTURER. COORDINATE INSTALLATION WITH CONTRACTOR.

SEH CONTACT: CHRIS BLUM, PE, 608.620.6192
WISDOT BRIDGE OFFICE CONTACT: AARON BONK, PE, 608.261.0261

N

0 8 16 32

STATE PROJECT NUMBER
5992-11-10

DESIGN DATA

2020 AASHTO LRFD GUIDE SPECIFICATIONS FOR THE DESIGN OF PEDESTRIAN BRIDGES.

LIVE LOAD:

LIVE LOAD ON TRAIL BRIDGE = GREATER OF:
90 PSF PER AASHTO
OR H-10 MAINTENANCE (20,000 LB) VEHICLE WITHOUT IMPACT

ULTIMATE DESIGN STRESSES:

CONCRETE MASONRY - SLAB	f'c = 4 psi
- ALL OTHER (GRADE A)	f'c = 3.5 psi
HIGH STRENGTH BAR STEEL REINFORCEMENT AASHTO GRADE 60	fy = 60 ksi

STRUCTURAL STEEL:

WEATHERING STEEL TRUSS (PAINTED)	fy = 50 ksi
RAILING	fy = 36 ksi

TRAFFIC DATA

STH 30

ADT (2018)	=	48,300
ADT (2024)	=	51,080
ADT (2044)	=	60,330
DHV	=	-
DD	=	-
T	=	5.2%
DESIGN SPEED	=	55 MPH

LIST OF DRAWINGS

NO.	DATE	REVISION	BY

SHORT ELLIOTT HENDRICKSON INC.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-13-898

AUTUMN RIDGE PEDESTRIAN BRIDGE OVER STH 30

COUNTY	CITY
DANE	MADISON

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
NCK	---	NCM/RAD	NCK

GENERAL PLAN

SHEET 1 OF 8

8

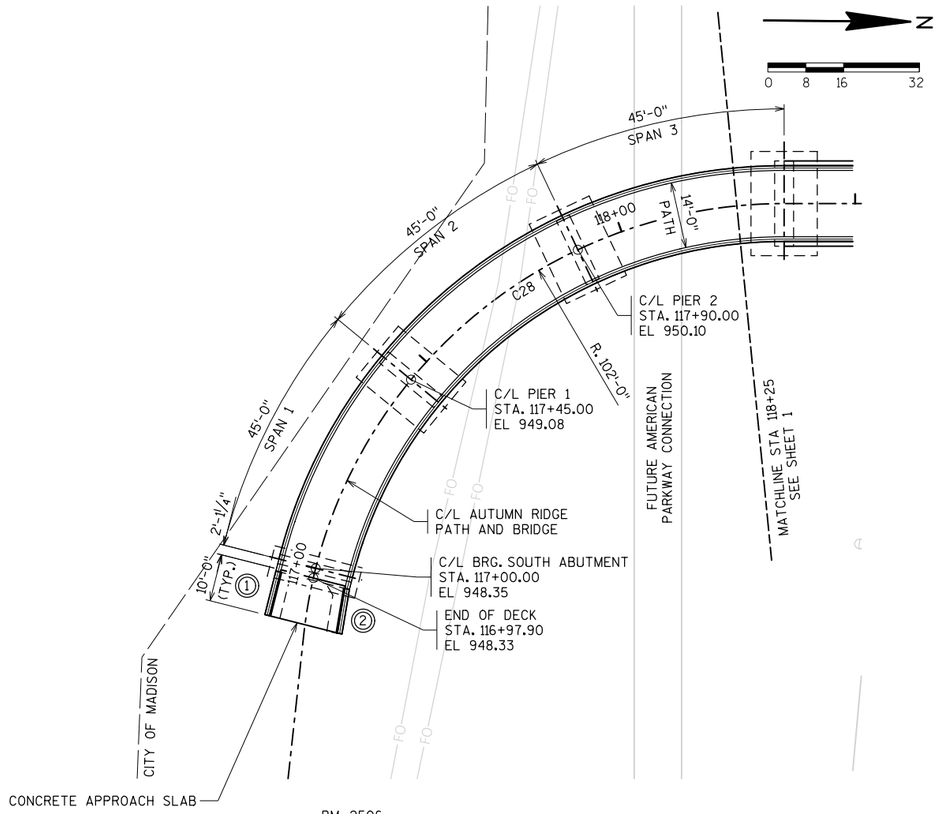
8

PLOT DATE: 2/1/2023 PLOT TIME: 6:20:58 AM

FILE NAME : X:\KOM\MAD\S\15176R\5-final-dsgn\5i-drawings\20-Struct\dgn\Shts\bi3898gl.dgn

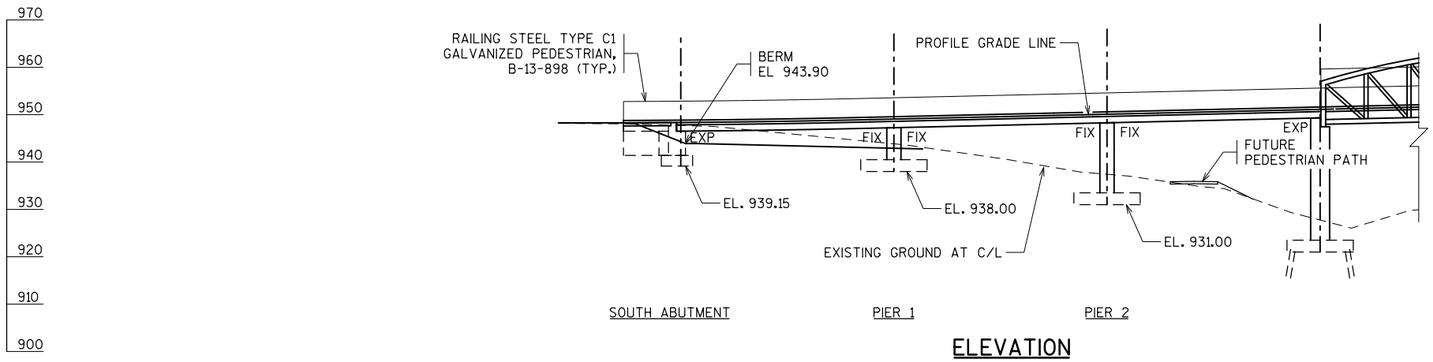
STATE PROJECT NUMBER
5992-11-10

◎ INDICATES WING NUMBER.



GENERAL PLAN - SOUTH APPROACH

(THREE-SPAN PREFABRICATED STEEL BOWSTRING TRUSS)
(THIRTEEN-SPAN CONCRETE SLAB)



ELEVATION

FOUNDATION DATA

NORTH ABUTMENT AND PIER 3 - PIER 15 TO BE SUPPORTED ON HP 10x42 STEEL PILING WITH A REQUIRED DRIVING RESISTANCE OF 180 TONS* PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC EQUATION. ESTIMATED 35 FEET LONG AT NORTH ABUTMENT.

*THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES FORMULA TO DETERMINE DRIVEN PILE CAPACITY.

SOUTH ABUTMENT AND PIER 1& 2 WITH SPREAD FOOTINGS TO BE SUPPORTED ON SOUND ROCK WITH A REQUIRED FACTORED BEARING RESISTANCE OF 6.0 KSF. A GEOTECHNICAL ENGINEER WITH THREE DAYS NOTICE WILL DETERMINE THE FACTORED BEARING RESISTANCE BY VISUAL INSPECTION PRIOR TO CONSTRUCTION OF THE FOOTINGS.

CURVE DATA - C28

PI STA =117+77.32
Y =494,202.9778
X =841,967.1182
Δ =83°46'33"
D =56°10'20"
T =91.48'
L =149.14'
R =102.00'
PC STA =116+85.84
PT STA =118+34.98

BENCHMARK (DATUM = NAVD 88)			
NO	STATION	DESCRIPTION	ELEV
2400	120+21.05 20.15' RT	TOP R/R SPK IN GUY POLE	930.175
2506	116+44.20 30.18' RT	SPIKE IN POWER POLE	944.079

NOTES:

SPAN DIMENSIONS ARE ALONG C/L OF TRAIL

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-898

DRAWN BY NCM/RAD | PLANS CK'D. NCK

GENERAL PLAN

SHEET 2 OF 8

8

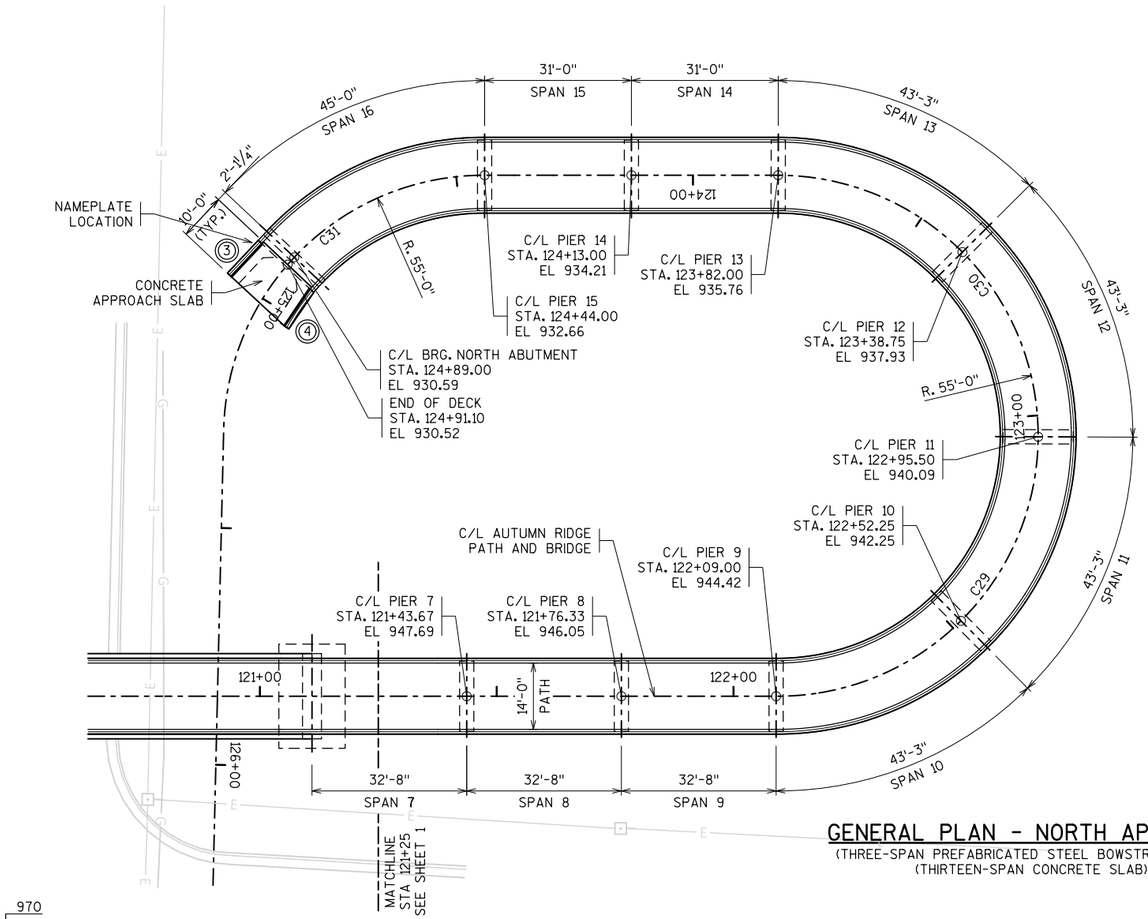
8

PLOT DATE: 2/1/2023 PLOT TIME: 6:20:58 AM

FILE NAME : X:\KO\M\MADIS\15I768\5-final-dsgn\5i-drawings\20-Struct\dgn\Shts\bi3898g2.dgn

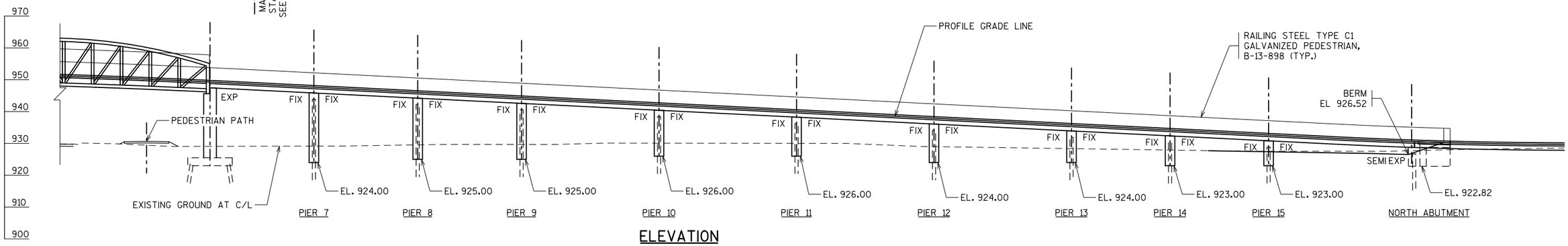
STATE PROJECT NUMBER
5992-11-10

◎ INDICATES WING NUMBER.



GENERAL PLAN - NORTH APPROACH

(THREE-SPAN PREFABRICATED STEEL BOWSTRING TRUSS)
(THIRTEEN-SPAN CONCRETE SLAB)



ELEVATION

CURVE DATA - C29

PI STA	=122+64.33
Y	=494,723.793
X	=841,962.870
Δ	=90°00'00"
D	=104°10'27"
T	=55.00'
L	=86.39'
R	=55.00'
PC STA	=122+09.33
PT STA	=122+95.72

CURVE DATA - C30

PI STA	=123+50.72
Y	=494,722.896
X	=841,852.874
Δ	=90°00'00"
D	=104°10'27"
T	=55.00'
L	=86.39'
R	=55.00'
PC STA	=122+95.72
PT STA	=123+82.12

CURVE DATA - C31

PI STA	=124+97.84
Y	=494,552.180
X	=841,854.266
Δ	=88°39'38"
D	=104°10'27"
T	=53.73'
L	=85.11'
R	=55.00'
PC STA	=124+44.11
PT STA	=125+29.22

NOTES:

SEE SHEET 2 FOR FOUNDATION DATA

SPAN DIMENSIONS ARE ALONG C/L OF TRAIL

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-898

DRAWN BY NCM/RAD | PLANS CK'D. NCK

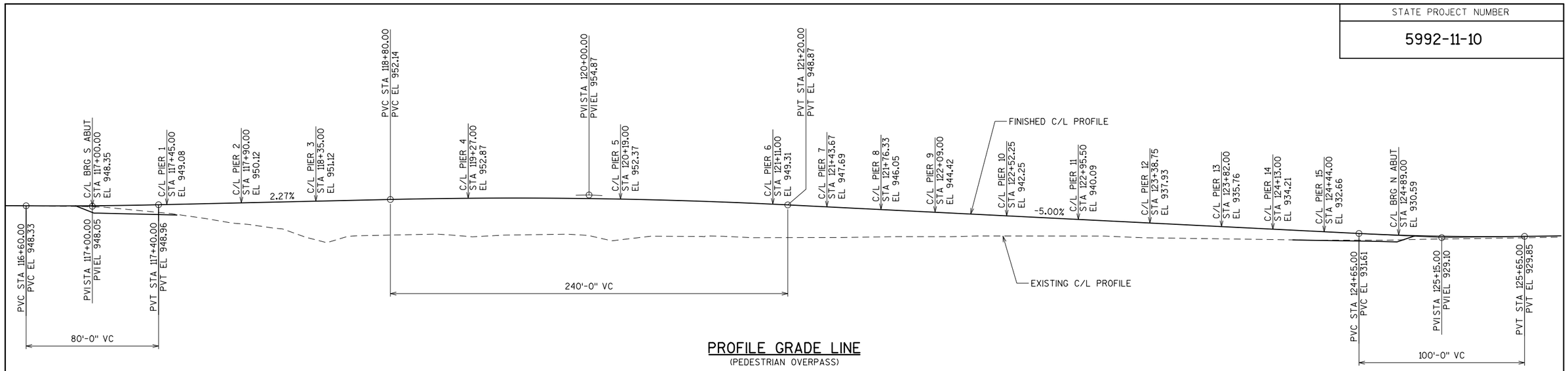
GENERAL PLAN

SHEET 3 OF 8

PLOT DATE: 2/1/2023 PLOT TIME: 6:20:59 AM

FILE NAME : X:\KO\MMADIS\151768\5-final-dsgn\5i-drawings\20-Struct\dgn\Shts\b13898g3.dgn

8 8



PROFILE GRADE LINE
(PEDESTRIAN OVERPASS)

QUANTITY NOTES

TEMPORARY SHORING IS BASED ON THE SQUARE FOOT OF EXPOSED PILE SURFACE BETWEEN THE UPPER & LOWER GRADES.

FURNISH AND APPLY A PROTECTIVE SURFACE TREATMENT TO THE ENTIRE TOP OF THE BRIDGE DECK. THIS INCLUDES THE DECK ON THE SLAB SPAN AND THE DECK ON THE TRUSS SPANS.

INCLUDES PAINTED GALVANIZED TUBULAR RAILING AND GROUNDING, COLOR BLACK.

SEE SPECIFICATIONS:
ITEM "CONCRETE STAINING B-13-898" SHALL BE USED TO COLOR THE FOLLOWING SURFACES:

THE EDGE OF THE DECK, THE PIERS, ABUTMENTS AND WINGWALLS EXPOSED SURFACES AND PORTION OF THE ABUTMENT BACKWALL THAT IS OUTSIDE THE SLAB SPAN. COLOR SHALL BE FEDERAL STANDARD 595B, COLOR 26622 (PEARL GRAY).

INCLUDES RODENT SHIELD PER SDD REINFORCED CONCRETE APRON ENDWALL FOR PIPE UNDERDRAIN.

PROTECTIVE SCREENING COMPROMISED OF STAINLESS STEEL MESH PROTECTIVE SCREENING (MIN. 8 GAUGE WIRE) WITH 2" MESH OPENING, PROTECTIVE SCREENING FRAMING, AND SUPPORT CLIPS.

GENERAL NOTES

CONCRETE AND REINFORCEMENT SHALL BE IN ACCORDANCE WITH WISDOT "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" SECTION 501.

DRAWINGS SHALL NOT BE SCALED.

SEE ROADWAY PLANS FOR EXISTING UTILITY LOCATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES. ALL UTILITIES TO REMAIN IN SERVICE. COORDINATE WITH UTILITY COMPANIES.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

PROVIDE A ¾" CHAMFER ON ALL ABOVE GRADE CORNERS.

ELASTOMERIC BEARING PANS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH COMPACTED FILL AND TOPSOIL TO THE EXTENT SHOWN ON THE ABUTMENT DETAILS OF THE STRUCTURAL PLANS, AND SHOWN ON THE ROADWAY PLANS. SEE ROADWAY PLANS FOR FINISHED GRADING, MATERIALS AND QUANTITIES.

SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF ½" FILLER WITH NON-STAINING GRAY NON-ASPHALTIC JOINT SEALER (1" DEEP & HOLD ⅛" BELOW SURFACE OF CONCRETE).

AT ABUTMENTS, ALL SPACES EXCAVATED AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL UNLESS OTHERWISE NOTED.

JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF AASHTO DESIGNATION M153 TYPE 1, 2, OR 3 OR AASHTO DESIGNATION M213.

COAT WITH "PROTECTIVE SURFACE TREATMENT" PER THE STANDARD SPECIFICATIONS AND THE SUPERSTRUCTURE DETAILS SHEET. APPLY PROTECTIVE SURFACE TREATMENT TO TOP OF BRIDGE DECK, TOP OF STRUCTURAL APPROACH SLAB, AND TOP AND INSIDE FACES OF PARAPETS.

THE EXISTING GROUNDLINE SHALL BE THE UPPER LIMITS OF EXCAVATION FOR STRUCTURES.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

ALL STATIONS AND ELEVATION ARE IN FEET. ELEVATIONS ARE REFERENCE TO THE NAVD 88 (2007) DATUM.

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH RIPRAP HEAVY AND GEOTEXTILE TYPE HR TO THE EXTENT SHOWN ON THE GENERAL PLAN SHEET AND IN THE ABUTMENTS DETAILS.

THE EXISTING GROUNDLINE SHALL BE THE UPPER LIMITIS OF EXCAVATION FOR STRUCTURES.

BID ITEM NUMBER	BID ITEMS	UNIT	SOUTH ABUT	PIER 1	PIER 2	PIER 3	PIER 4	PIER 5	PIER 6	PIER 7	PIER 8	PIER 9	PIER 10	PIER 11	PIER 12	PIER 13	PIER 14	PIER 15	NORTH ABUT	SUPER	TOTALS
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-13-898	LS																			
210.1500	BACKFILL STRUCTURE TYPE A	TON																			
502.0100	CONCRETE MASONRY BRIDGES	CY																			
502.3101	EXPANSION DEVICE	LF																			
502.3200	PROTECTIVE SURFACE TREATMENT	SY																			
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB																			
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH																			
511.1200	TEMPORARY SHORING B-13-898	SF																			
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY																			
550.1100	PILING STEEL HP 12-INCH X 42 LB	LF																			
612.0206	PIPE UNDERDRAIN UNPERFORATED 6-INCH	LF																			
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF																			
SPV.0105.300	PREFABRICATED STEEL TRUSS PEDESTRIAN BRIDGE STRUCTURE B-13-898	LS																			
SPV.0105.301	PAINTING EPOXY SYSTEM PEDESTRIAN BRIDGE B-13-898	LS																			
SPV.0105.302	RAILING STEEL SYSTEM TYPE C1 GALVANIZED PEDESTRIAN, B13-898	LS																			
	NON-BID ITEMS																				
	FILLER	SIZE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2" & 3/4"
	NAMEPLATE	EACH	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	BENCHMARK	EACH	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-898

DRAWN BY NCM/RAD | PLANS CK'D. NCK

PROFILE GRADE, QUANTITIES & NOTES

SHEET 4 OF 8

PLOT TIME: 6:20:59 AM
PLOT DATE: 2/1/2023
FILE NAME : X:\KO\NMADIS\5I768\5-final-dsgn\5I-drawings\20-Struct\dgn\Shts\bi3898g4.dgn

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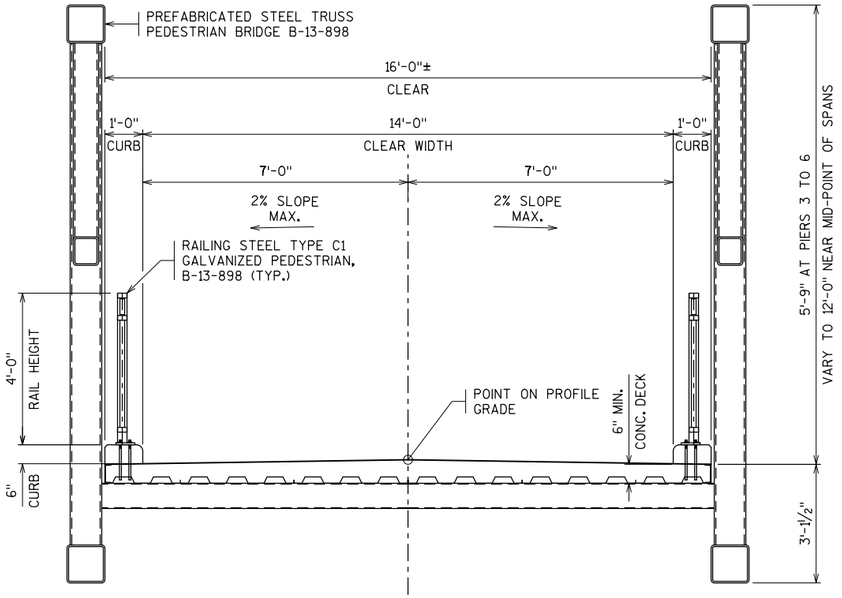
8

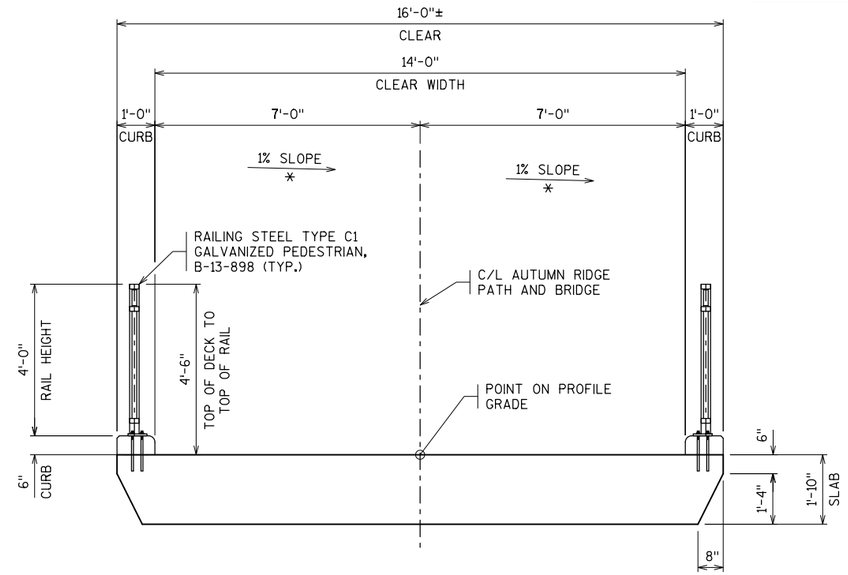
STATE PROJECT NUMBER

5992-11-10



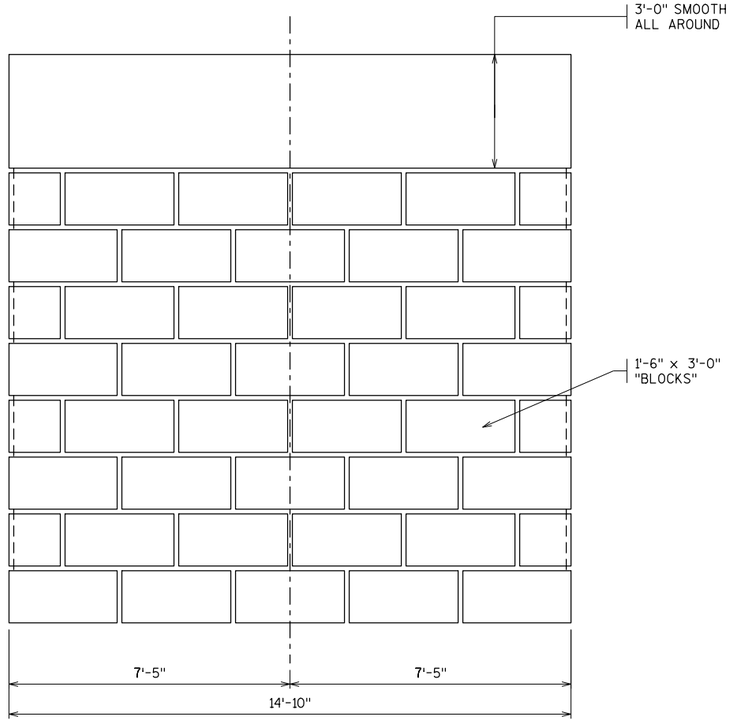
MAIN SPANS - BOWSTRING TRUSS

SPANS 4, 5 & 6
(LOOKING UPSTATION)



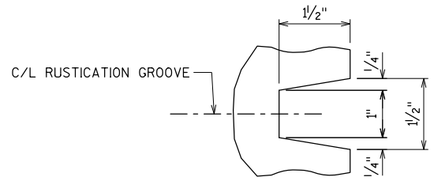
TYPICAL SECTION THRU STRUCTURE

NORTH & SOUTH APPROACH SPANS
(LOOKING UPSTATION)
* SLOPE OPPOSITE ON NORTH APPROACH



TYPICAL ELEVATION

(PIERS 1-2, 7-15)



RUSTICATION GROOVE

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-898

DRAWN BY NCM/RAD | PLANS CK'D. NCK

TYPICAL SECTION AND ELEVATIONS

SHEET 5 OF 8

8

8

PLOT DATE: 2/1/2023 PLOT TIME: 6:20:59 AM

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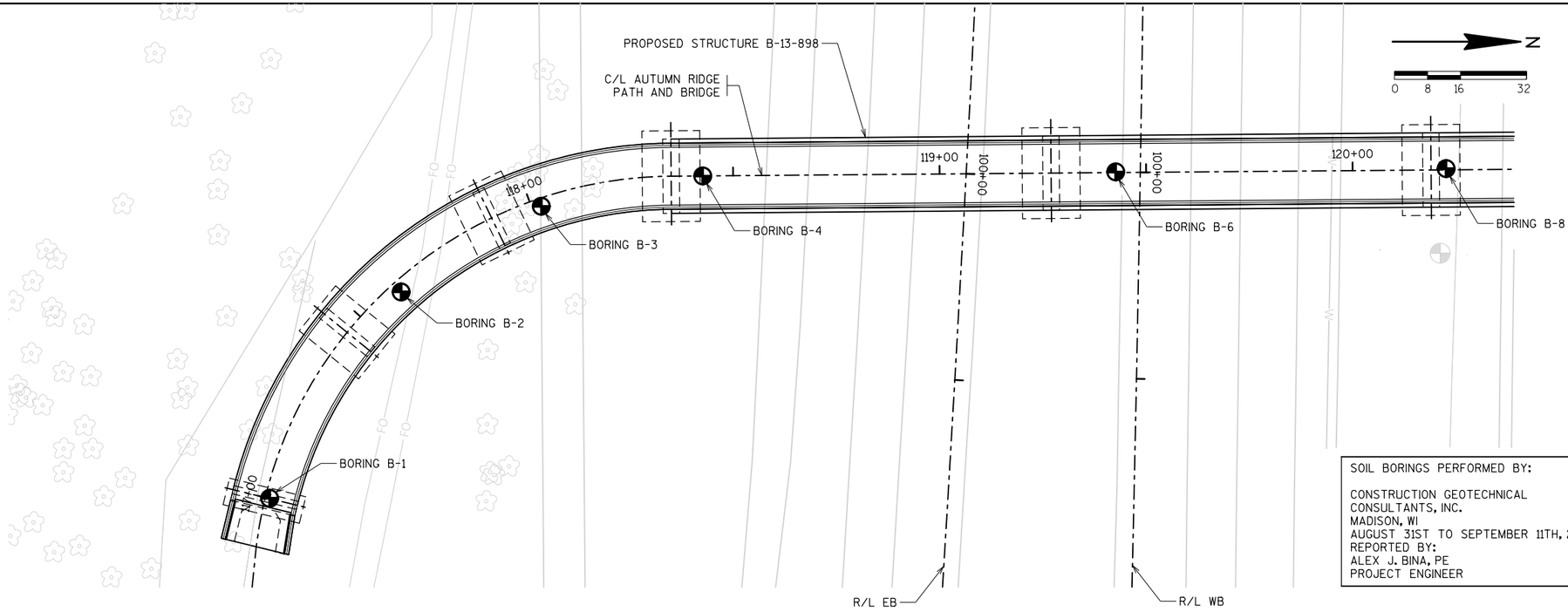


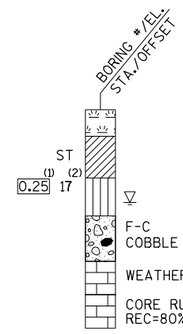
SOIL BORINGS PERFORMED BY:

CONSTRUCTION GEOTECHNICAL
CONSULTANTS, INC.
MADISON, WI
AUGUST 31ST TO SEPTEMBER 11TH, 2020
REPORTED BY:
ALEX J. BINA, PE
PROJECT ENGINEER

MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

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GROUND WATER ELEVATION

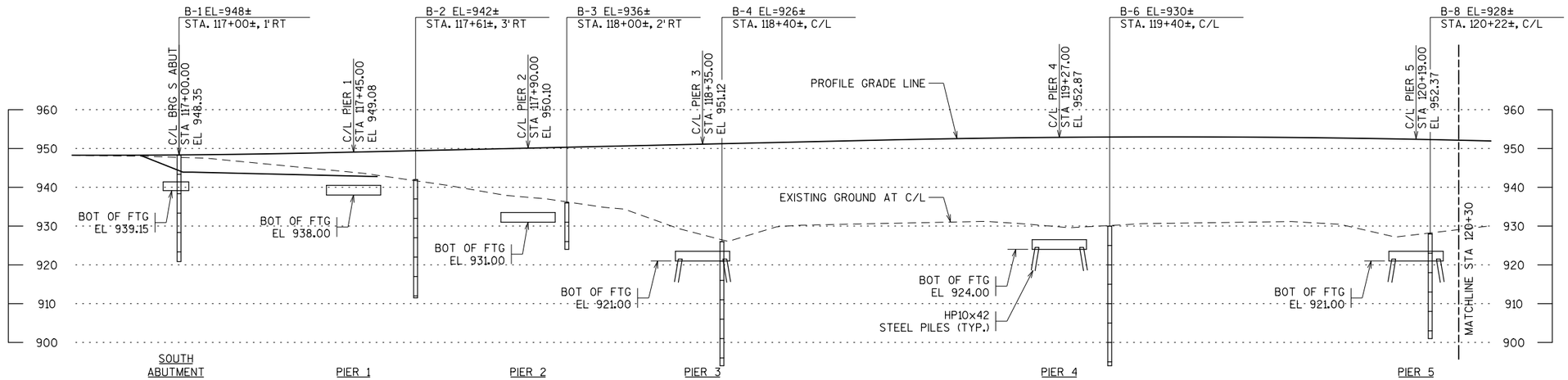
- ▽ AT TIME OF DRILLING
- ▼ END OF DRILLING
- ▽ AFTER DRILLING

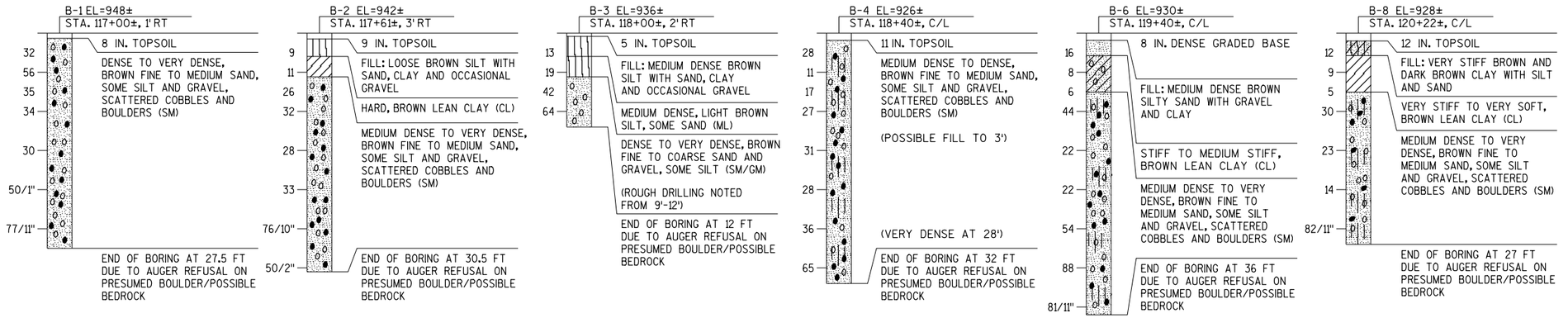
ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.





NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-898

DRAWN BY NCM/RAD | PLANS CK'D. NCK

SUBSURFACE EXPLORATION

SHEET 6 OF 8

8

8

PLOT TIME: 6:21:01 AM
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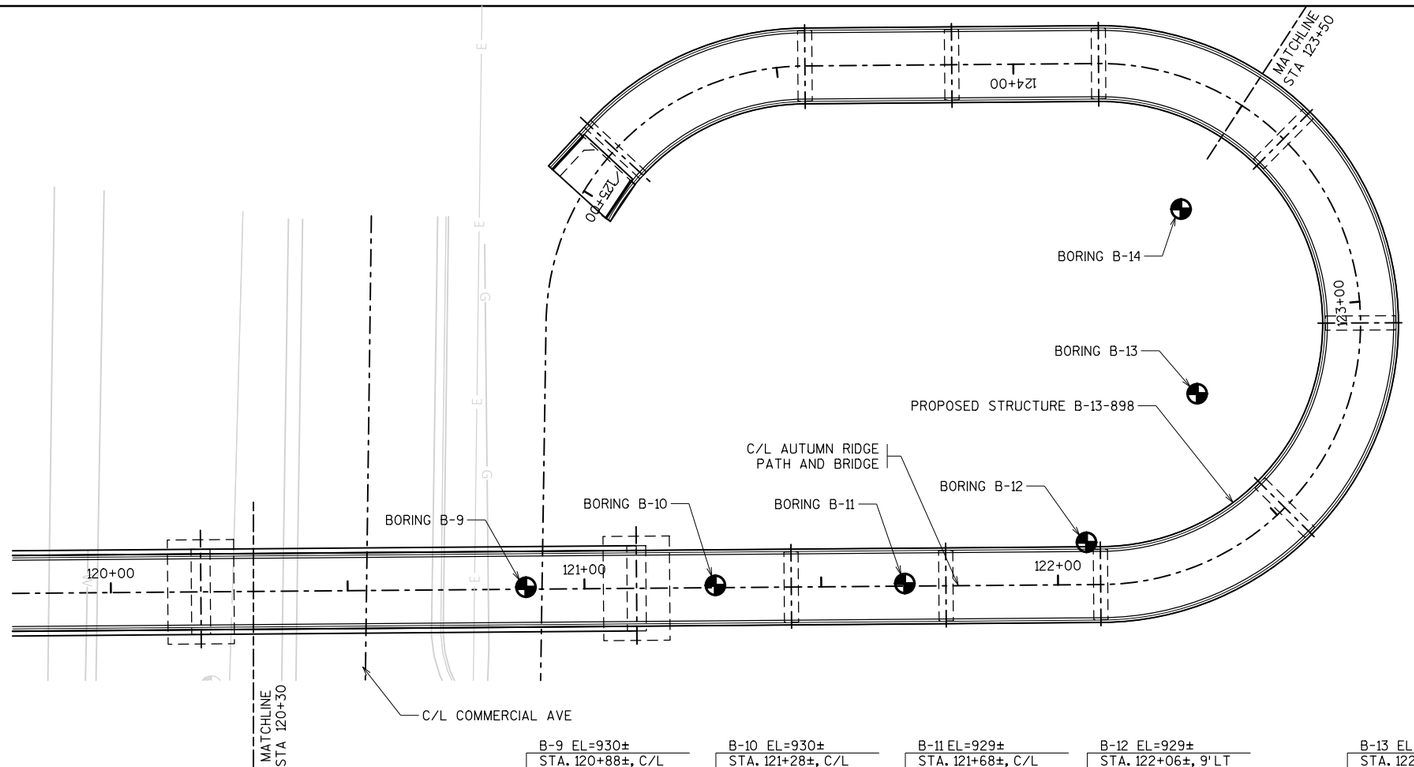

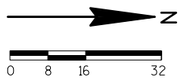

STATE PROJECT NUMBER

5992-11-10

MATERIAL SYMBOLS

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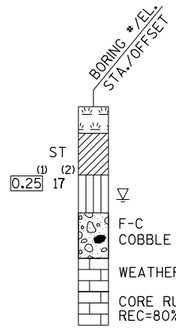
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



SOIL BORINGS PERFORMED BY:

CONSTRUCTION GEOTECHNICAL
CONSULTANTS, INC.
MADISON, WI
AUGUST 31ST TO SEPTEMBER 11TH, 2020
REPORTED BY:
ALEX J. BINA, PE
PROJECT ENGINEER

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GROUND WATER ELEVATION

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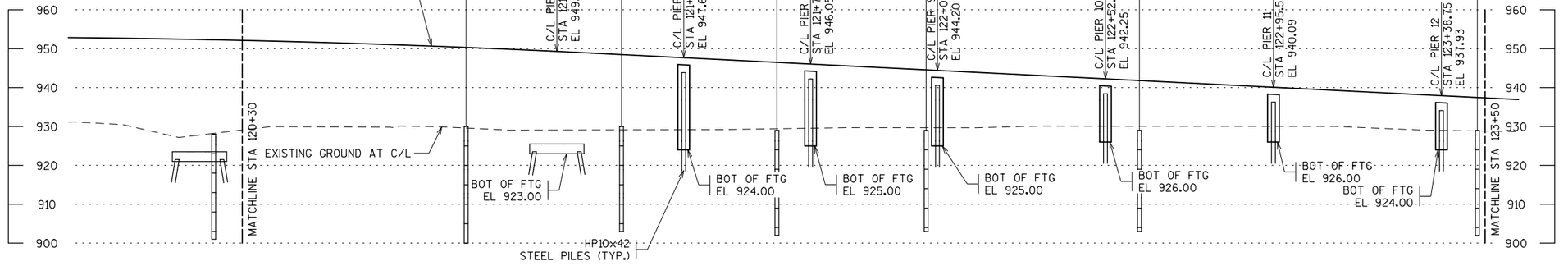

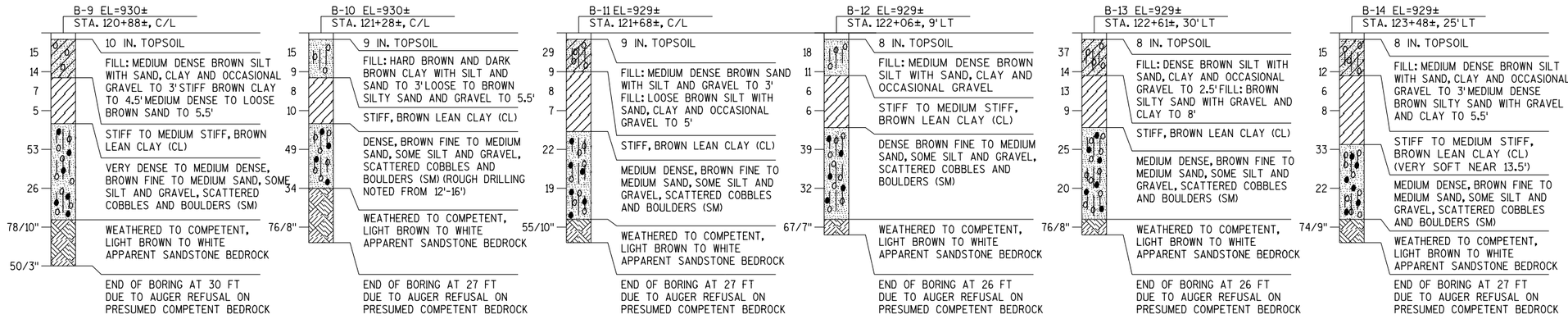

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-898

DRAWN BY NCM/RAD | PLANS CK'D. NCK

SUBSURFACE EXPLORATION

SHEET 7 OF 8

PLOT DATE: 2/1/2023
PLOT TIME: 6:21:01 AM
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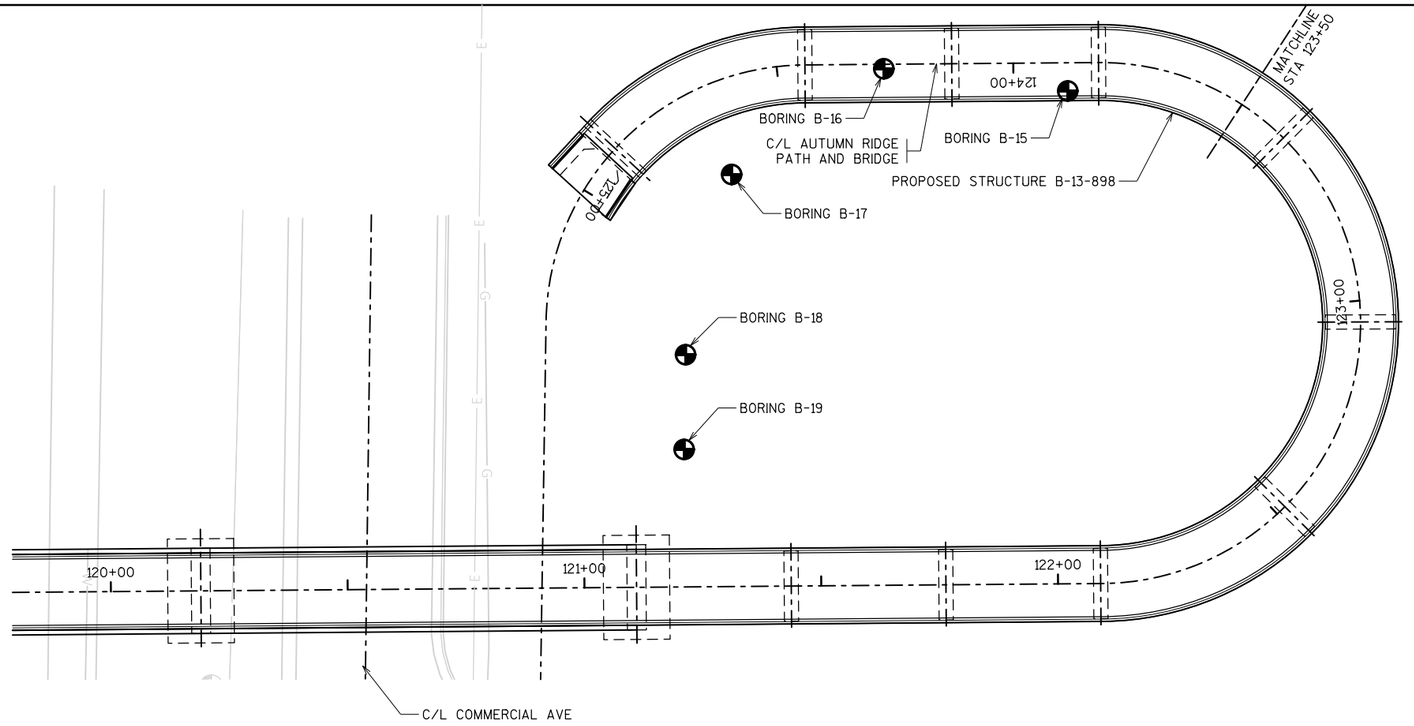

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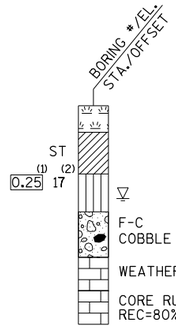

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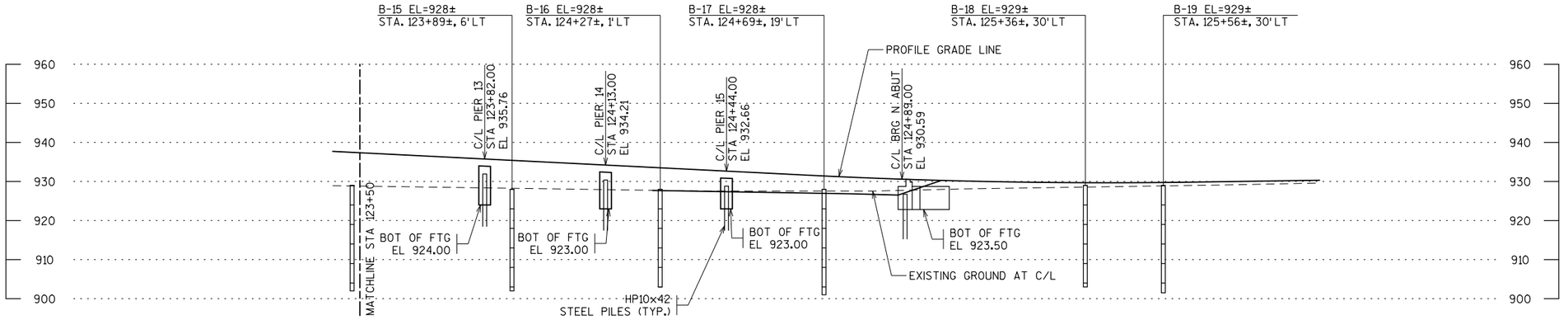
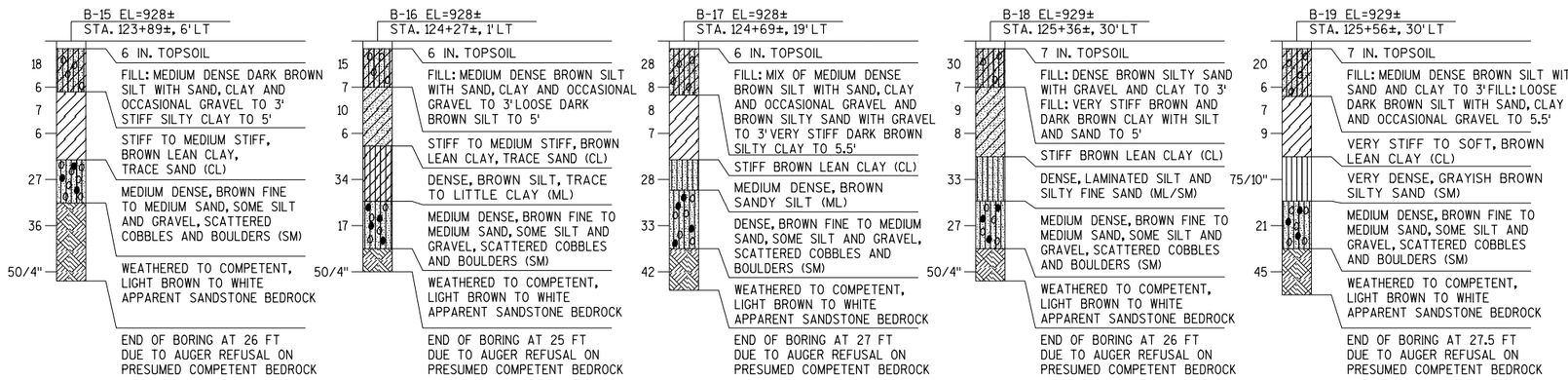




NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-898

DRAWN BY NCM/RAD | PLANS CK'D. NCK

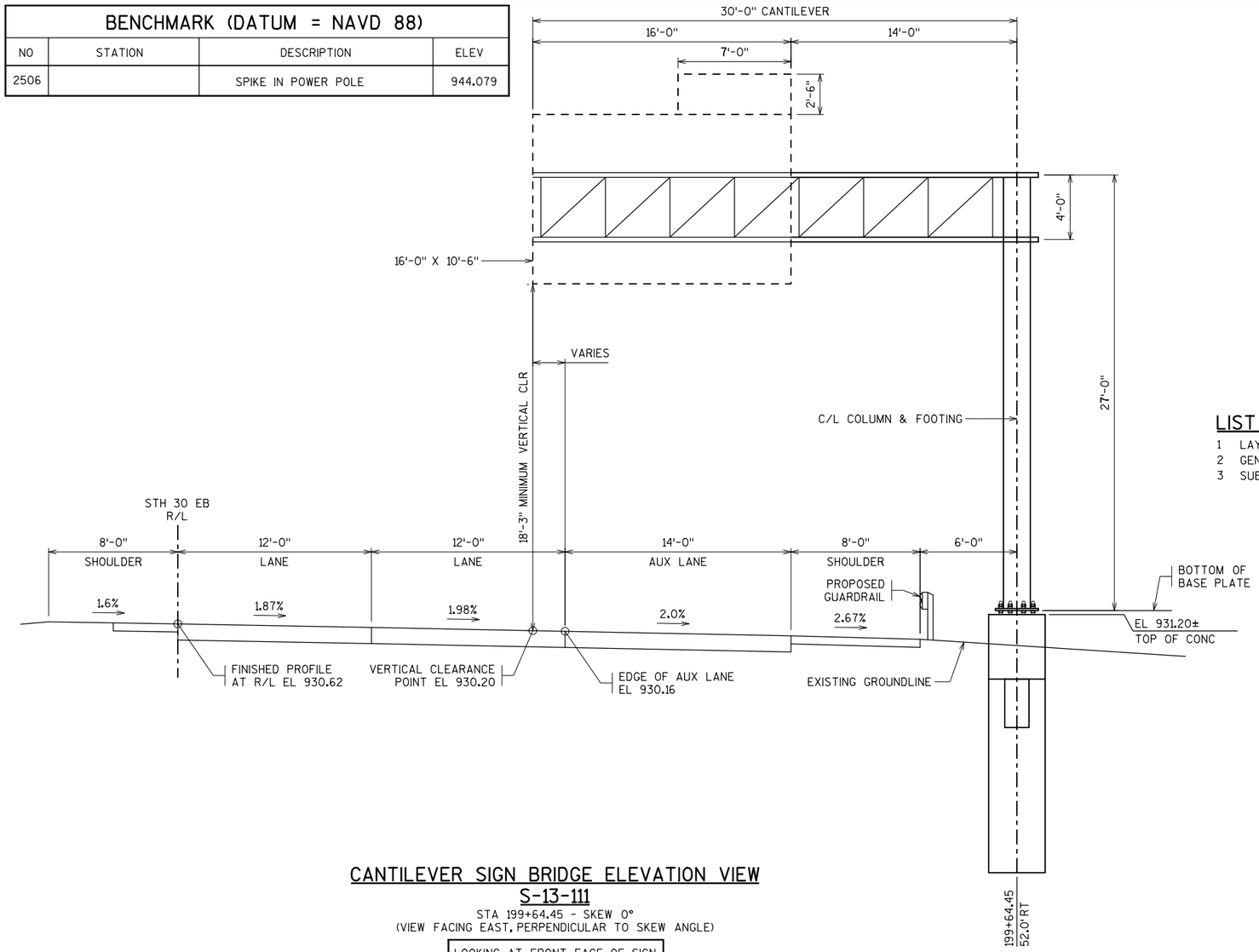
SUBSURFACE EXPLORATION

SHEET 8 OF 8

8

8

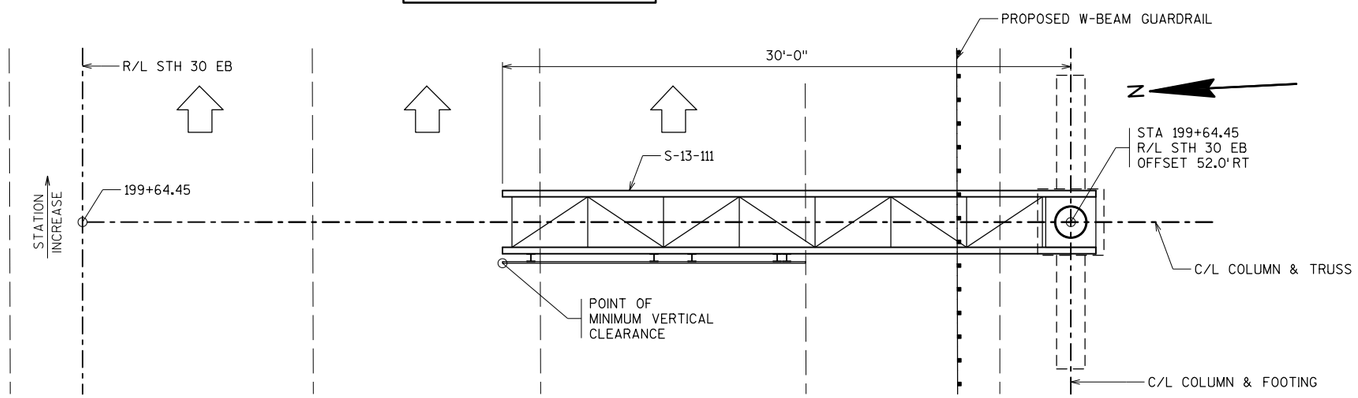
BENCHMARK (DATUM = NAVD 88)			
NO	STATION	DESCRIPTION	ELEV
2506		SPIKE IN POWER POLE	944.079



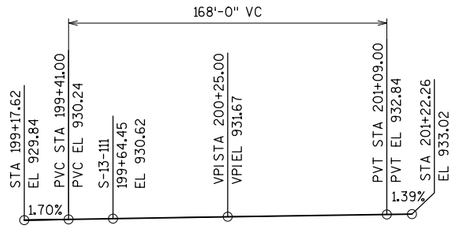
CANTILEVER SIGN BRIDGE ELEVATION VIEW
S-13-111

STA 199+64.45 - SKEW 0°
(VIEW FACING EAST, PERPENDICULAR TO SKEW ANGLE)

LOOKING AT FRONT FACE OF SIGN



PLAN



PROFILE GRADE LINE

LIST OF DRAWINGS

1 LAYOUT S-13-111
2 GENERAL NOTES AND QUANTITIES
3 SUBSURFACE EXPLORATION

DESIGN DATA

RELOCATE EXISTING SIGNS STRUCTURE.

EXISTING SIGN STRUCTURE WAS DESIGNED
TO 1992 AASHTO STANDARD SPECIFICATIONS.

SIGN STRUCTURE	DESIGN SIGN AREA (SQ FT)	DESIGN MAX MAIN SIGN HT.
S-13-111	190	

FOUNDATION DATA

SEE SHEET

MATERIAL PROPERTIES

CONCRETE AND REINFORCEMENT SHALL BE IN ACCORDANCE WITH WISDOT "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" SECTION 636.

CONCRETE MASONRY = F'c = 3,500 PSI

HIGH STRENGTH BAR STEEL REINFORCEMENT:
GRADE 60, EPOXY COATED = Fy = 60,000 PSI

ANCHOR BOLTS:
ASTM F1554 GRADE 55 = Fy = 55,000 PS
ASTM A563A HEAVY HEX NUTS, ASTM F436 WASHERS

NOTE

POINT OF MINIMUM VERTICAL CLEARANCE
STA 199+64.45 OFFSET 22.0'RT
EL 930.20

EXISTING SIGN SUPPORT LOCATION STA 200+75±
PROPOSED SIGN SUPPORT LOCATION STA 199+64.45 OFFSET 52.0'RT

SEH CONTACT: CHRIS BLUM, PE, 608.620.6192

NO.	DATE	REVISION	BY

SHORT ELLIOTT HENDRICKSON INC.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STATE PROJECT NUMBER

STRUCTURE S-13-111

STH 30 EB SIGN BRIDGE

COUNTY	~~TOWN~~/CITY/~~VILLAGE~~
DANE	MADISON

DESIGN SPEC.
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	NCK	DESIGN CK'D.	---	DRAWN BY	RAD	PLANS CK'D.	NCK

SHEET TITLE

SHEET 1 OF 3

8

8

PLOT TIME: 3:49:21 PM
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FILE NAME : X:\KO\MM\MADIS\15I768\5-final-dsgn\5i-drawings\20-Struct\S-13-111\sign\s13111gl.dgn

STATE PROJECT NUMBER

TOTAL ESTIMATED QUANTITIES - S-13-111

BID ITEM NUMBER	BID ITEM	UNIT	TOTALS
531.1100	CONCRETE MASONRY ANCILLARY STRUCTURES TYPE NS	CY	
531.1140	STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS	LB	
638.4100	MOVING STRUCTURAL STEEL SIGN SUPPORTS	EACH	1

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALTERNATE DESIGNS ARE NOT ALLOWED.

THE CANTILEVER SIGN BRIDGE SHALL SUPPORT THE SIGNS SHOWN.

CENTER SIGNS VERTICALLY ON TRUSS.

BAR STEEL SHALL BE 3" CLEAR UNLESS OTHERWISE NOTED.

BEVEL EXPOSED EDGES OF CONCRETE 1" UNLESS OTHERWISE NOTED.

CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES.

CONTRACTOR SHALL CONFIRM SIGN SUPPORT LOCATIONS PRIOR TO EXCAVATING.

THESE PLANS SHALL BE USED IN CONJUNCTION WITH THE ROADWAY PLANS AND CANTILEVER SIGN BRIDGE SHOP DRAWINGS.

ELEVATIONS ARE IN FEET UNLESS OTHERWISE SHOWN OR NOTED. ELEVATIONS ON THIS PLAN ARE REFERENCED TO NAVD88 DATUM.

EXCAVATION, STEEL MEMBERS, BACKFILLING, AND FABRICATION SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "MOVING STRUCTURAL STEEL SIGN SUPPORTS"

THE UPPER 1'-6" OF ANCHOR BOLTS, NUTS, AND WASHERS SHALL BE GALVANIZED IN ACCORDANCE WITH THE AASHTO SPECIFICATION AS STATED IN SECTION 641 OF THE WISDOT STANDARD SPECIFICATION.

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE S-13-111

DRAWN BY RAD | PLANS CK'D. NCK

CROSS SECTION, NOTES AND QUANTITIES

SHEET 2 OF 3

PLOT DATE: 2/15/2023 PLOT TIME: 3:49:21 PM

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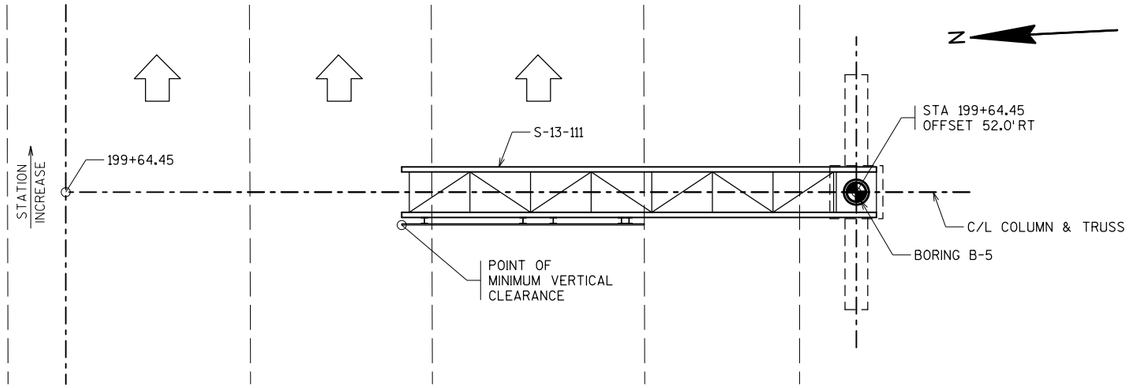
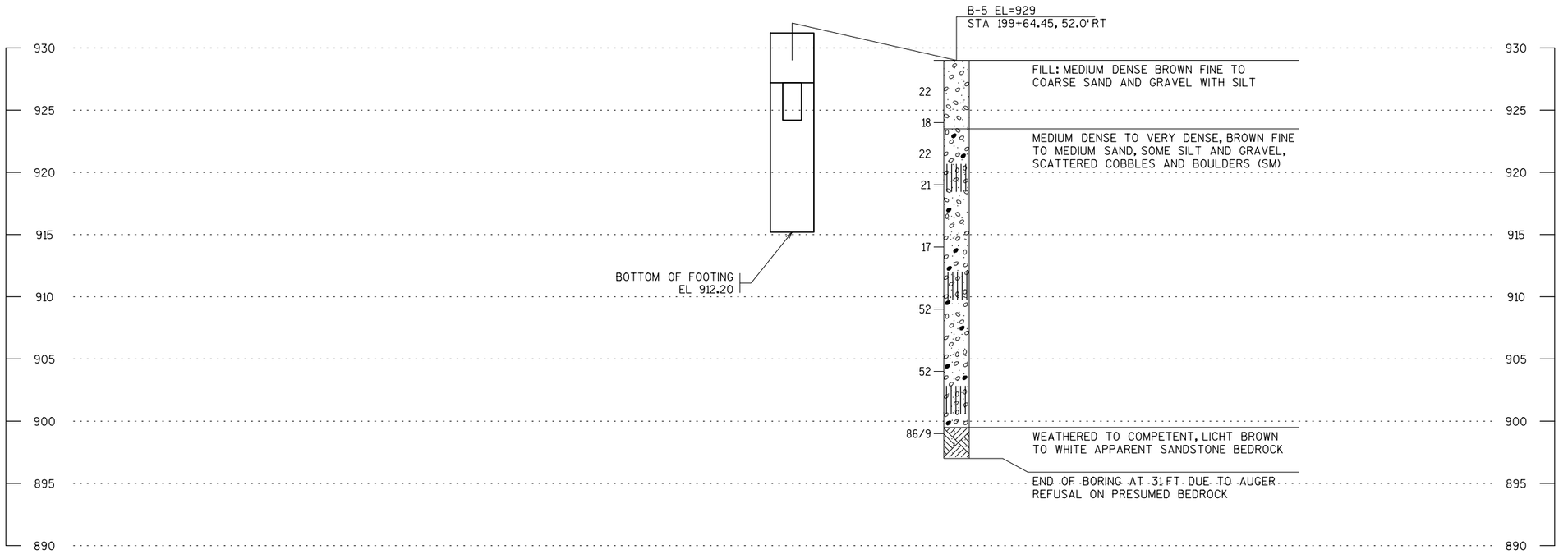
STATE PROJECT NUMBER





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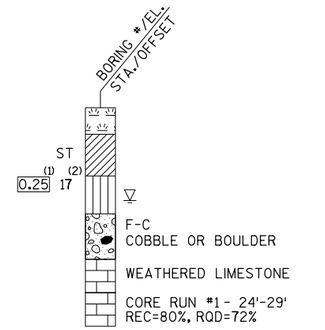

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F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE S-13-111

DRAWN BY RAD | PLANS CK'D. NCK

SUBSURFACE EXPLORATION

SHEET 3 OF 3

8

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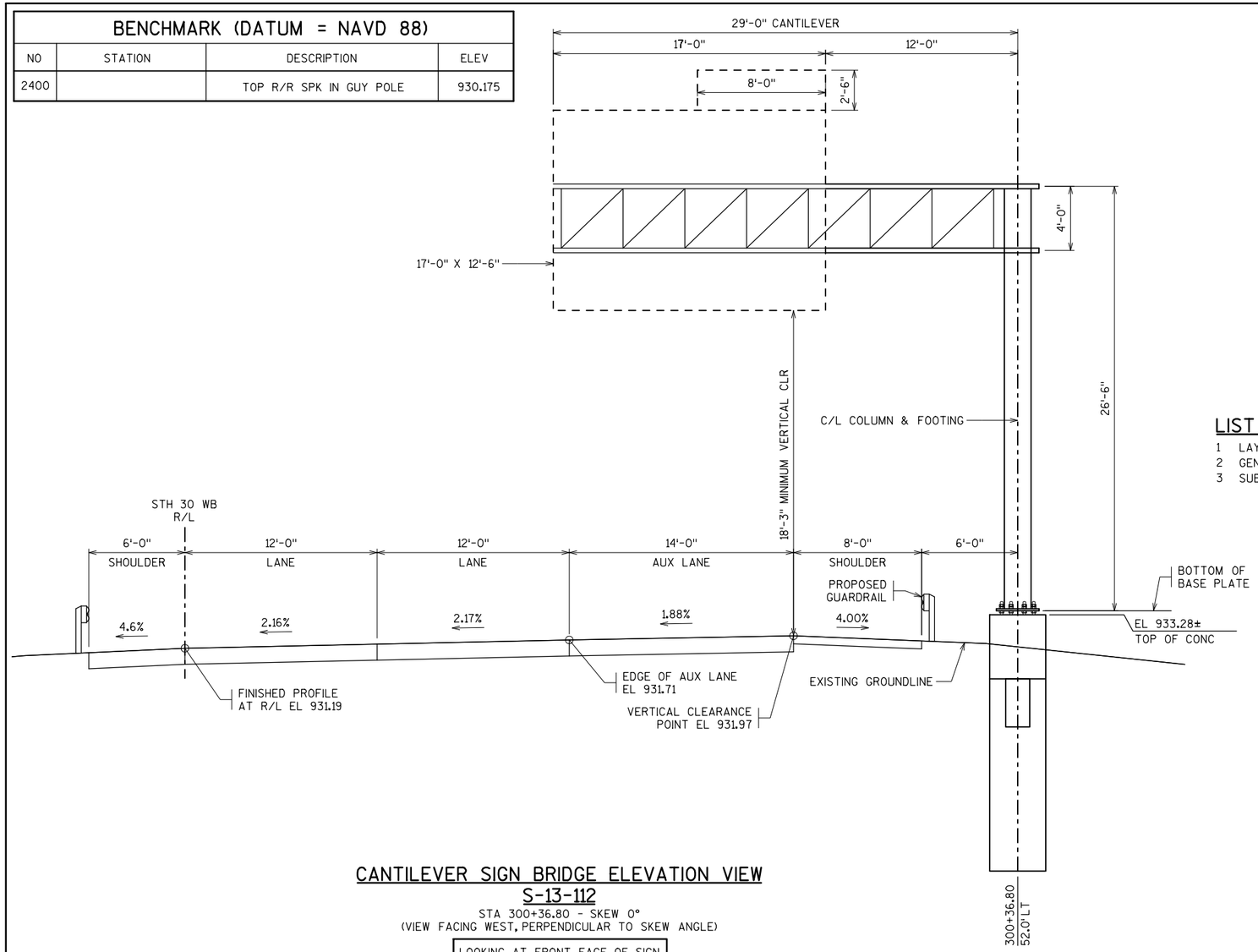
PLOT DATE: 2/15/2023 PLOT TIME: 3:49:21 PM

FILE NAME : X:\KO\M\MADIS\15I768\5-final-dsgn\5i-drawings\20-Struct\S-13-111\sign\si3111bi.dgn

BENCHMARK (DATUM = NAVD 88)			
NO	STATION	DESCRIPTION	ELEV
2400		TOP R/R SPK IN GUY POLE	930.175

STATE PROJECT NUMBER



LIST OF DRAWINGS

DESIGN DATA

RELOCATE EXISTING SIGNS STRUCTURE.

EXISTING SIGN STRUCTURE WAS DESIGNED
TO 1992 AASHTO STANDARD SPECIFICATIONS.

SIGN STRUCTURE	DESIGN SIGN AREA (SQ FT)	DESIGN MAX MAIN SIGN HT.
S-13-112	212.5	

FOUNDATION DATA

SEE SHEET

MATERIAL PROPERTIES

CONCRETE AND REINFORCEMENT SHALL BE IN ACCORDANCE WITH WISDOT "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" SECTION 636.

CONCRETE MASONRY = F'c = 3,500 PSI

HIGH STRENGTH BAR STEEL REINFORCEMENT:
GRADE 60, EPOXY COATED = Fy = 60,000 PSI

ANCHOR BOLTS:
ASTM F1554 GRADE 55 = Fy = 55,000 PS
ASTM A563A HEAVY HEX NUTS, ASTM F436 WASHERS

NOTE

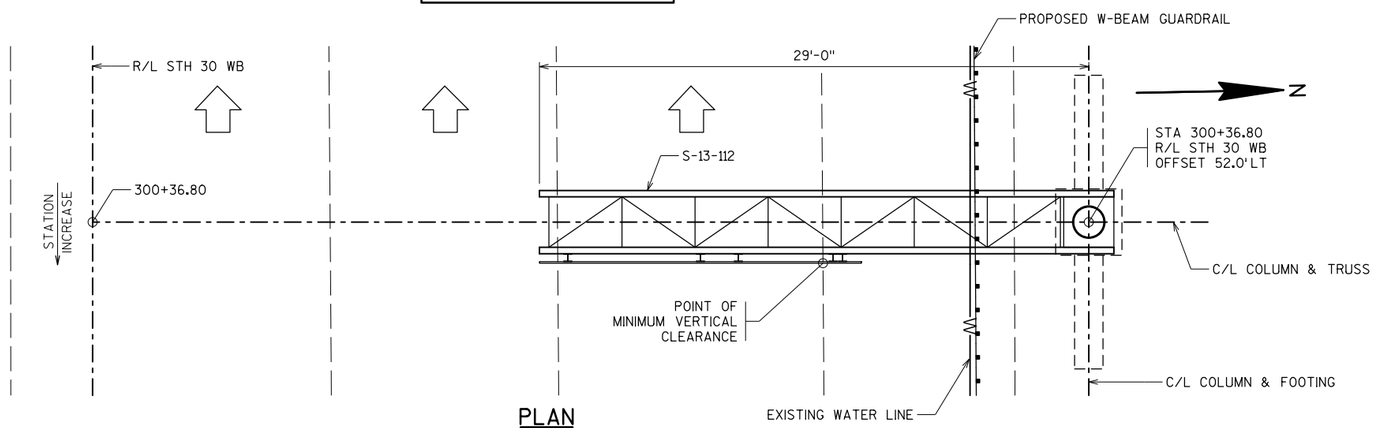
POINT OF MINIMUM VERTICAL CLEARANCE
STA 300+36.80 OFFSET 38.6'LT
EL 931.97

EXISTING SIGN SUPPORT LOCATION STA 300+04±
PROPOSED SIGN SUPPORT LOCATION STA 300+36.80

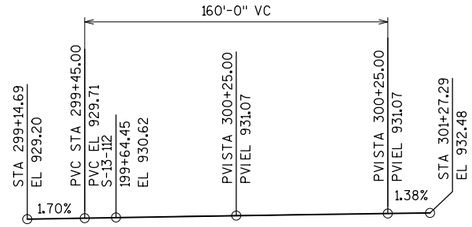
CANTILEVER SIGN BRIDGE ELEVATION VIEW S-13-112

STA 300+36.80 - SKEW 0°
(VIEW FACING WEST, PERPENDICULAR TO SKEW ANGLE)

LOOKING AT FRONT FACE OF SIGN



PLAN



PROFILE GRADE LINE

NO.	DATE	REVISION	BY

SEH
SHORT ELLIOTT HENDRICKSON INC.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE S-13-112

STH 30 WB SIGN BRIDGE

COUNTY	~~TOWN~~/CITY/~~VILLAGE~~
DANE	MADISON

DESIGN SPEC.
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
NCK	___	RAD	NCK

SHEET TITLE

SHEET 1 OF 3

SEH CONTACT: CHRIS BLUM, PE, 608.620.6192

PLOT TIME: 3:49:43 PM
PLOT DATE: 2/15/2023
FILE NAME : X:\KO\M\MADIS\157685-final-dsgn\5i-drawings\20-Struct\S-13-112\sign\si3112gl.dgn

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STATE PROJECT NUMBER

TOTAL ESTIMATED QUANTITIES - S-13-112

BID ITEM NUMBER	BID ITEM	UNIT	TOTALS
531.1100	CONCRETE MASONRY ANCILLARY STRUCTURES TYPE NS	CY	
531.1140	STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS	LB	
638.4100	MOVING STRUCTURAL STEEL SIGN SUPPORTS	EACH	1

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALTERNATE DESIGNS ARE NOT ALLOWED.

THE CANTILEVER SIGN BRIDGE SHALL SUPPORT THE SIGNS SHOWN.

CENTER SIGNS VERTICALLY ON TRUSS.

BAR STEEL SHALL BE 3" CLEAR UNLESS OTHERWISE NOTED.

BEVEL EXPOSED EDGES OF CONCRETE 1" UNLESS OTHERWISE NOTED.

CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES.

CONTRACTOR SHALL CONFIRM SIGN SUPPORT LOCATIONS PRIOR TO EXCAVATING.

THESE PLANS SHALL BE USED IN CONJUNCTION WITH THE ROADWAY PLANS AND CANTILEVER SIGN BRIDGE SHOP DRAWINGS.

ELEVATIONS ARE IN FEET UNLESS OTHERWISE SHOWN OR NOTED. ELEVATIONS ON THIS PLAN ARE REFERENCED TO NAVD88 DATUM.

EXCAVATION, STEEL MEMBERS, BACKFILLING, AND FABRICATION SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "MOVING STRUCTURAL STEEL SIGN SUPPORTS"

THE UPPER 1'-6" OF ANCHOR BOLTS, NUTS, AND WASHERS SHALL BE GALVANIZED IN ACCORDANCE WITH THE AASHTO SPECIFICATION AS STATED IN SECTION 641 OF THE WISDOT STANDARD SPECIFICATION.

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NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE S-13-112

DRAWN BY RAD | PLANS CK'D. NCK

CROSS SECTION, NOTES AND QUANTITIES

SHEET 2 OF 3

PLOT DATE: 2/15/2023 PLOT TIME: 3:49:43 PM

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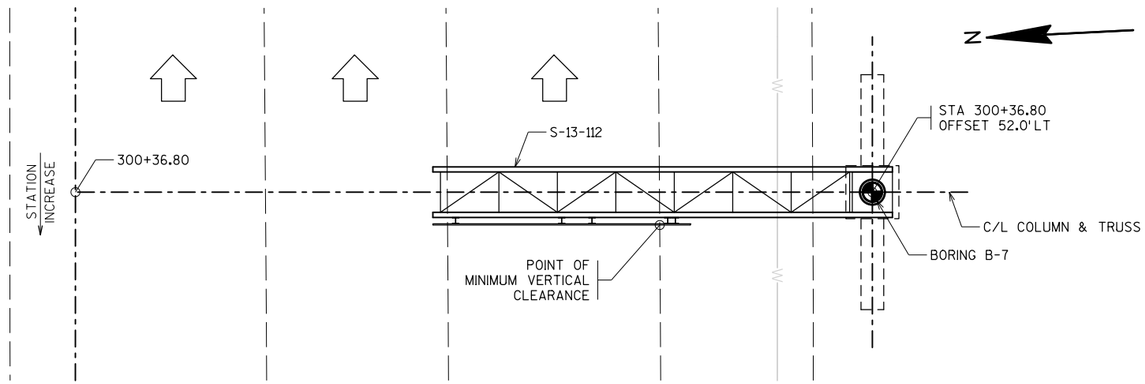


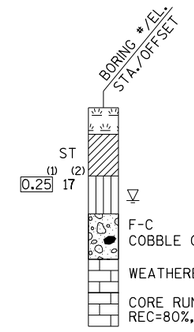
MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

SOIL BORINGS PERFORMED BY:

CONSTRUCTION GEOTECHNICAL
CONSULTANTS, INC.
MADISON, WI
AUGUST 31ST TO SEPTEMBER 11TH, 2020
REPORTED BY:
ALEX J. BINA, PE
PROJECT ENGINEER

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

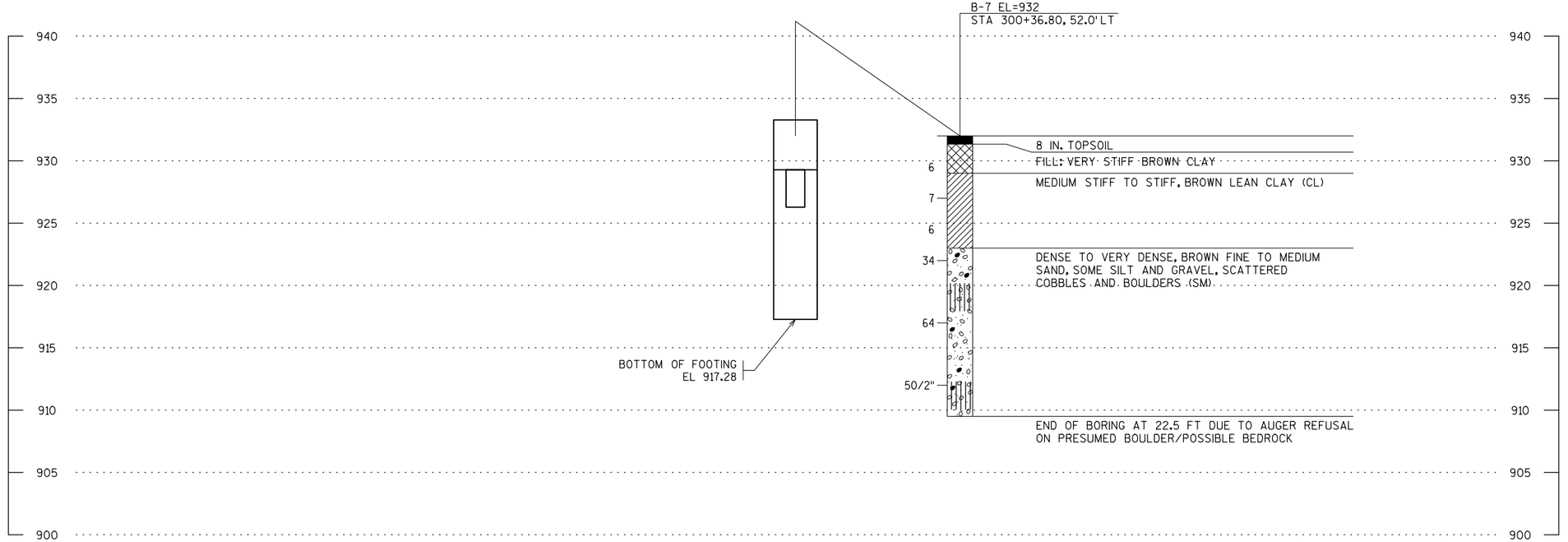
(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

- AT TIME OF DRILLING
- END OF DRILLING
- AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE



SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

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NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE S-13-112

DRAWN BY RAD | PLANS CK'D. NCK

SUBSURFACE EXPLORATION

SHEET 3 OF 3

8

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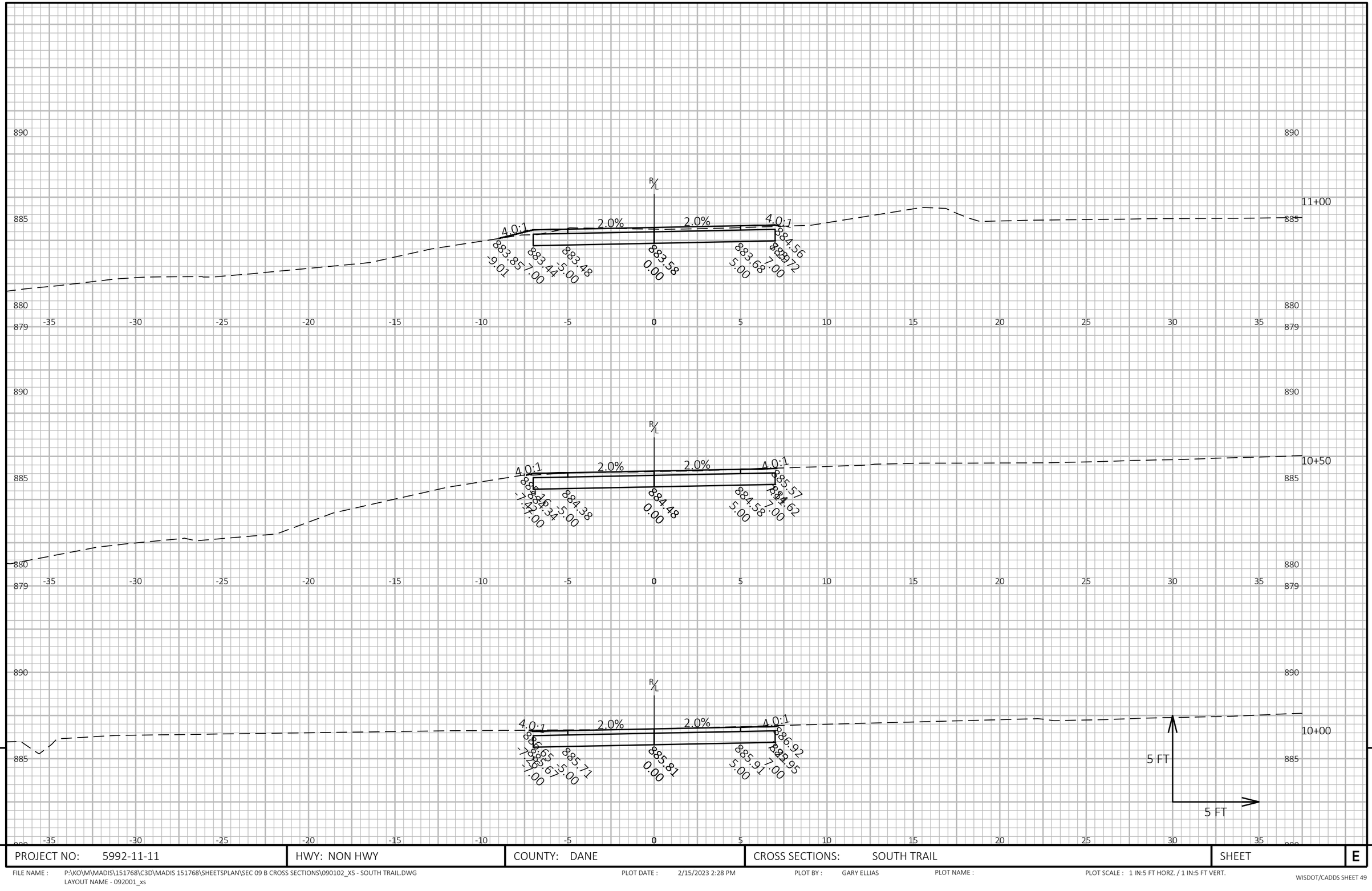

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PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: SOUTH TRAIL	SHEET	E

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LAYOUT NAME - 092001_xs

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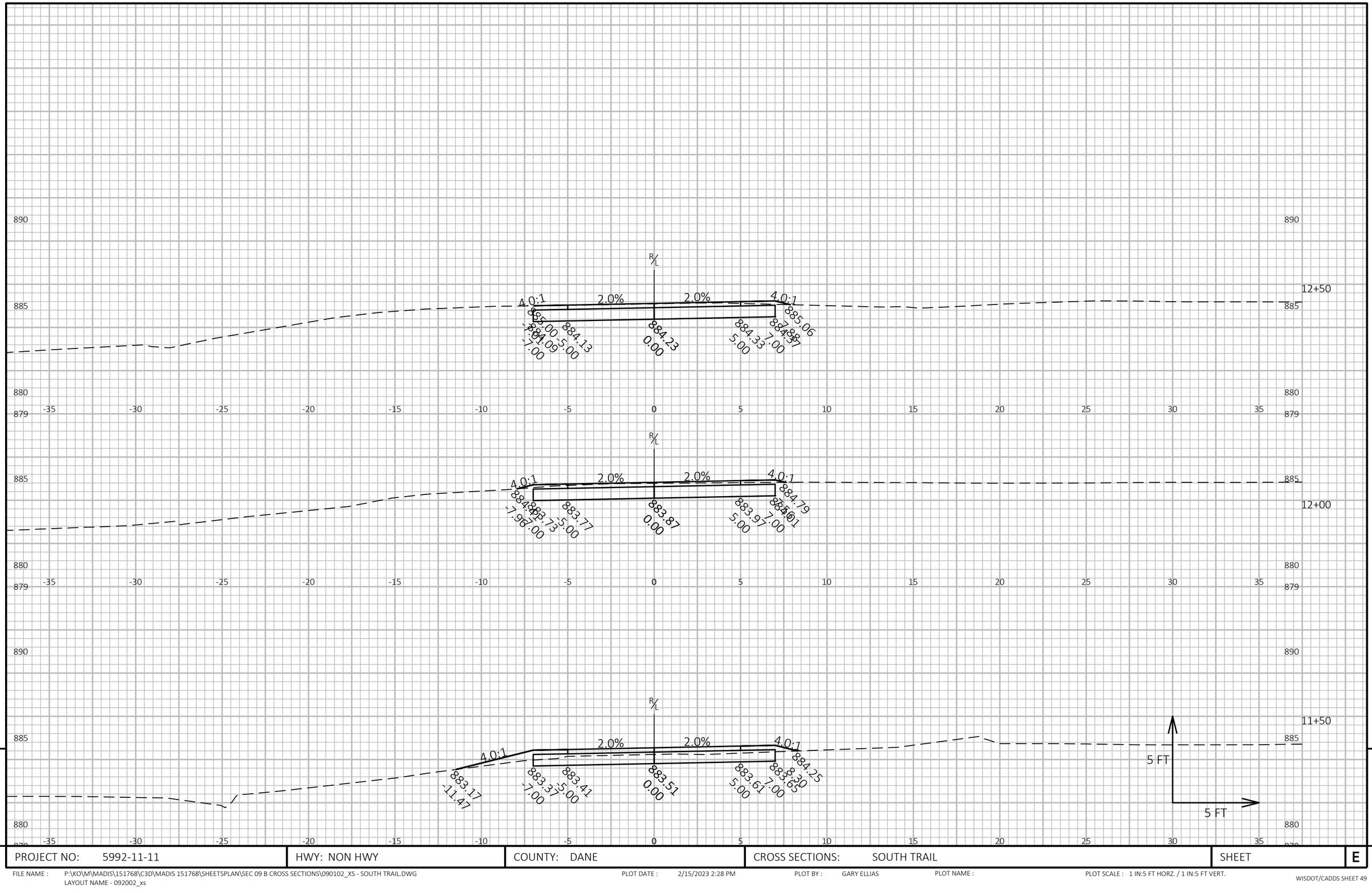

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PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: SOUTH TRAIL	SHEET	E

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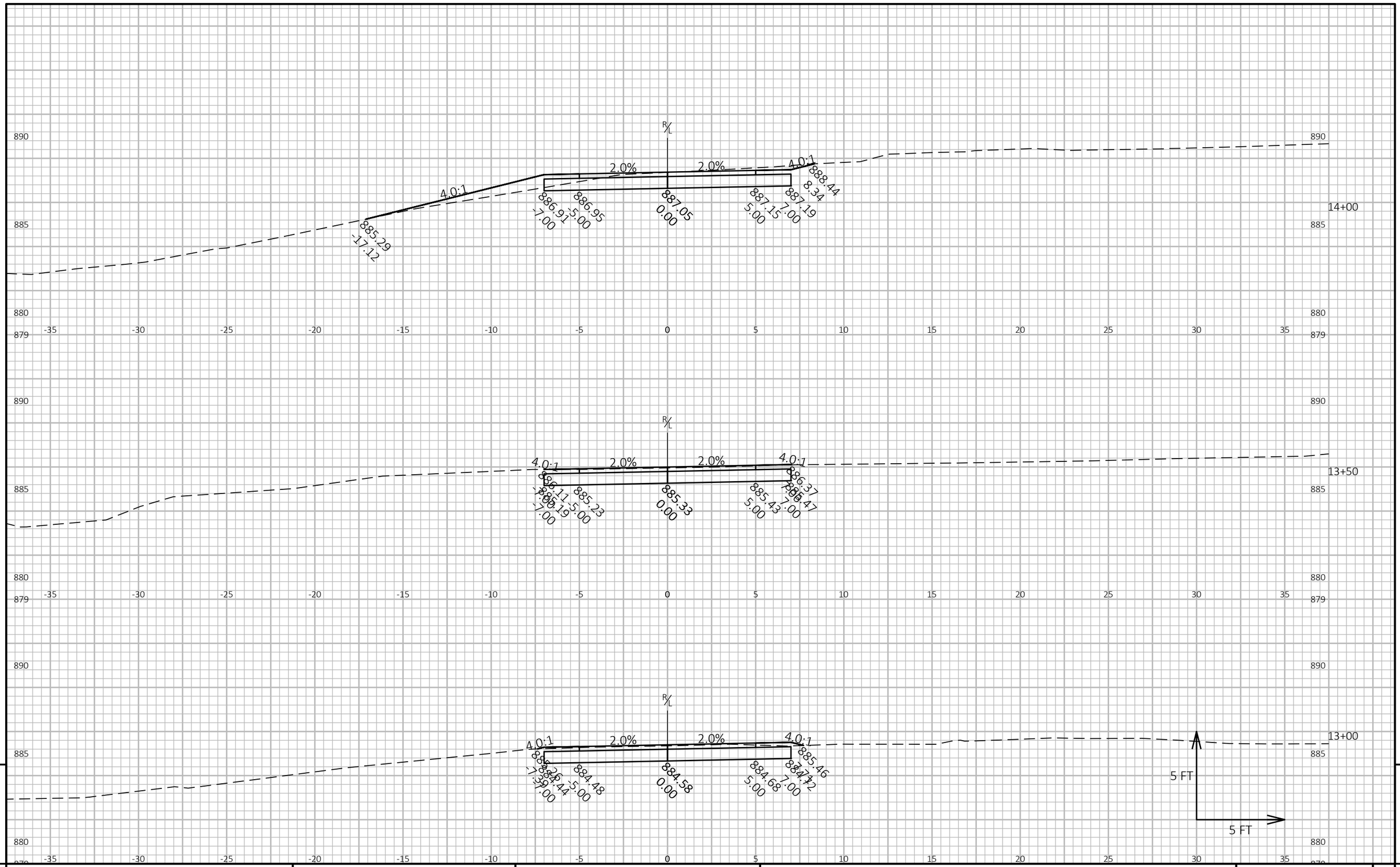

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PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: SOUTH TRAIL	SHEET	E

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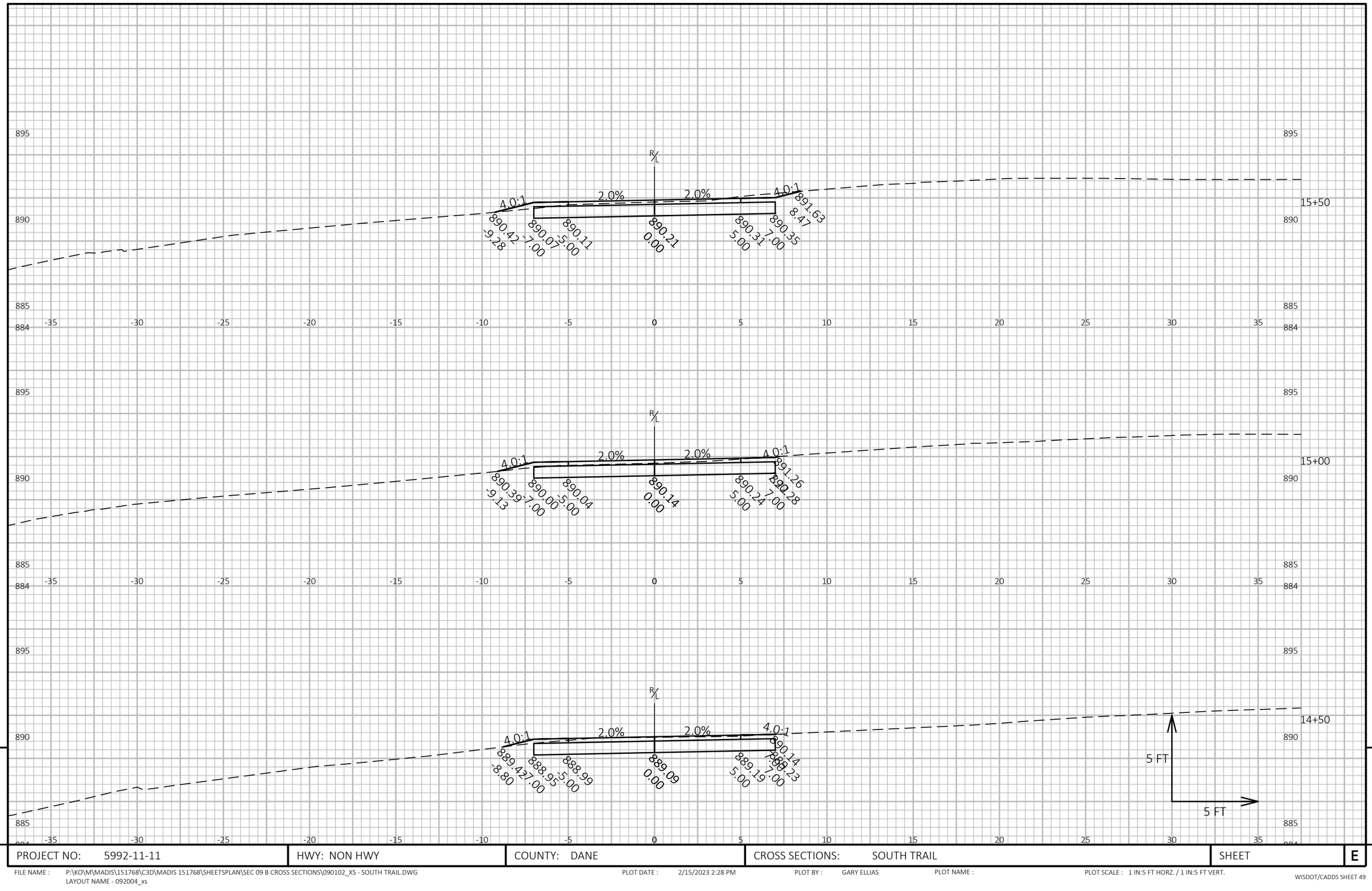

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PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: SOUTH TRAIL	SHEET	E

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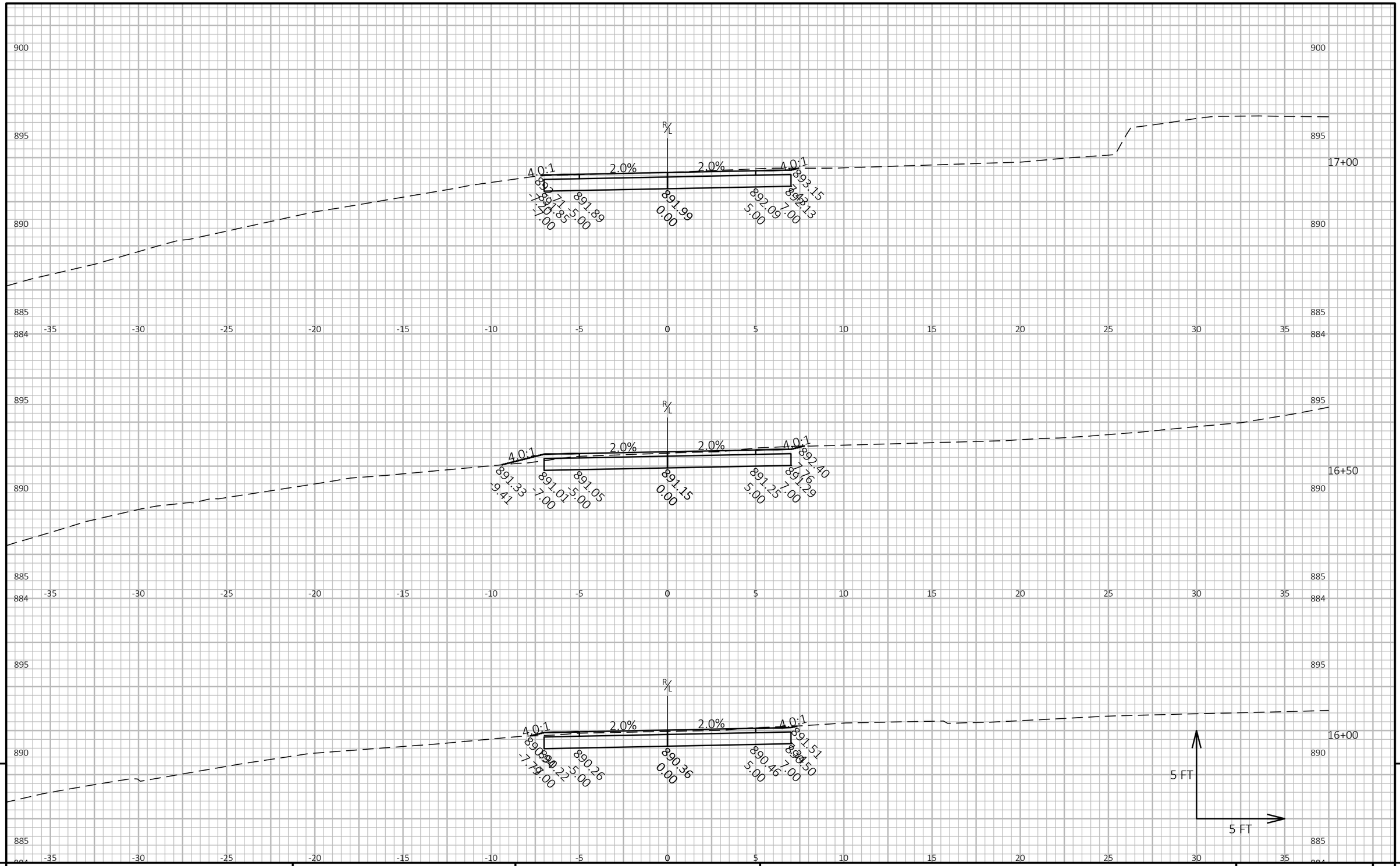

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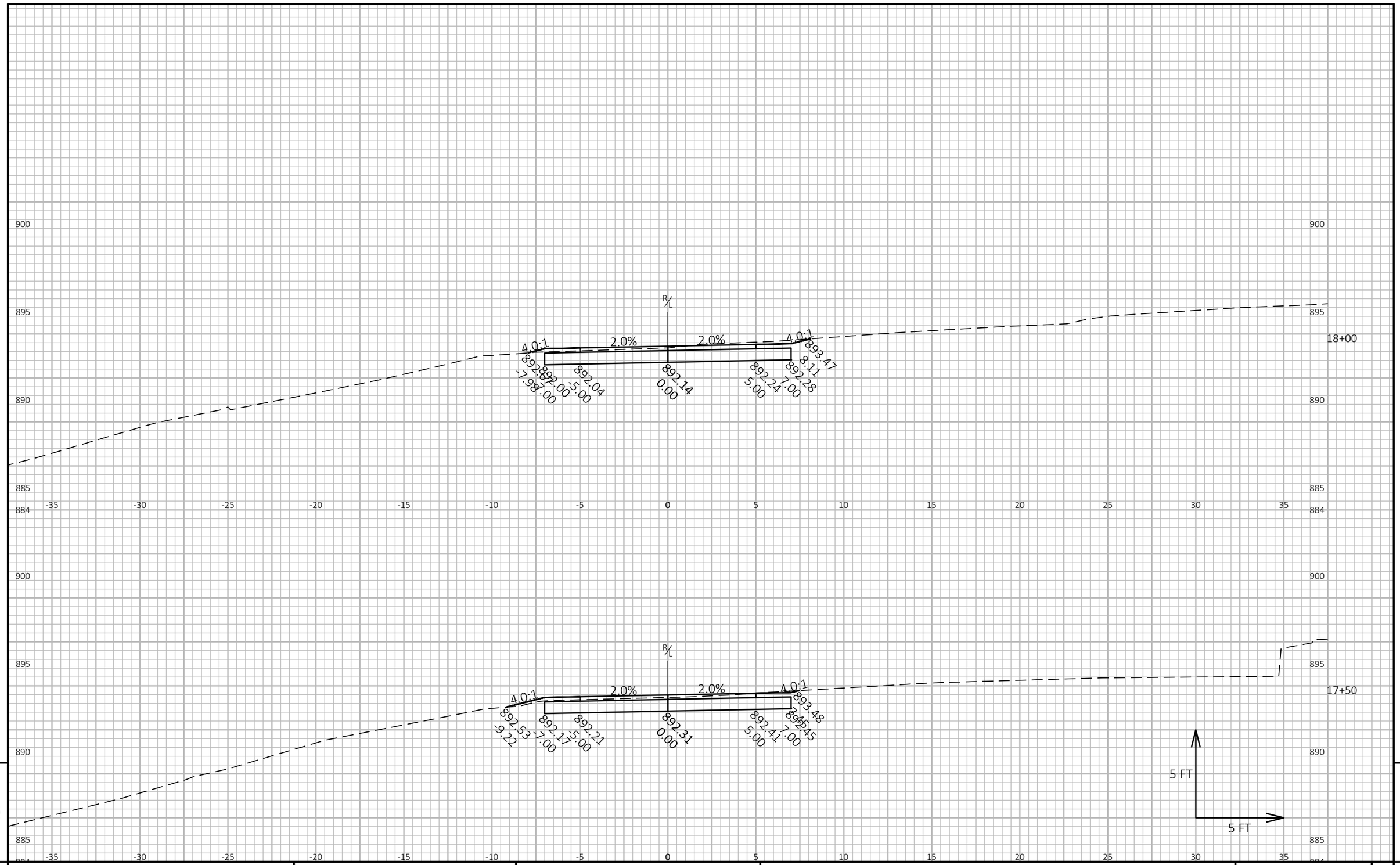
WISDOT/CADDS SHEET 49



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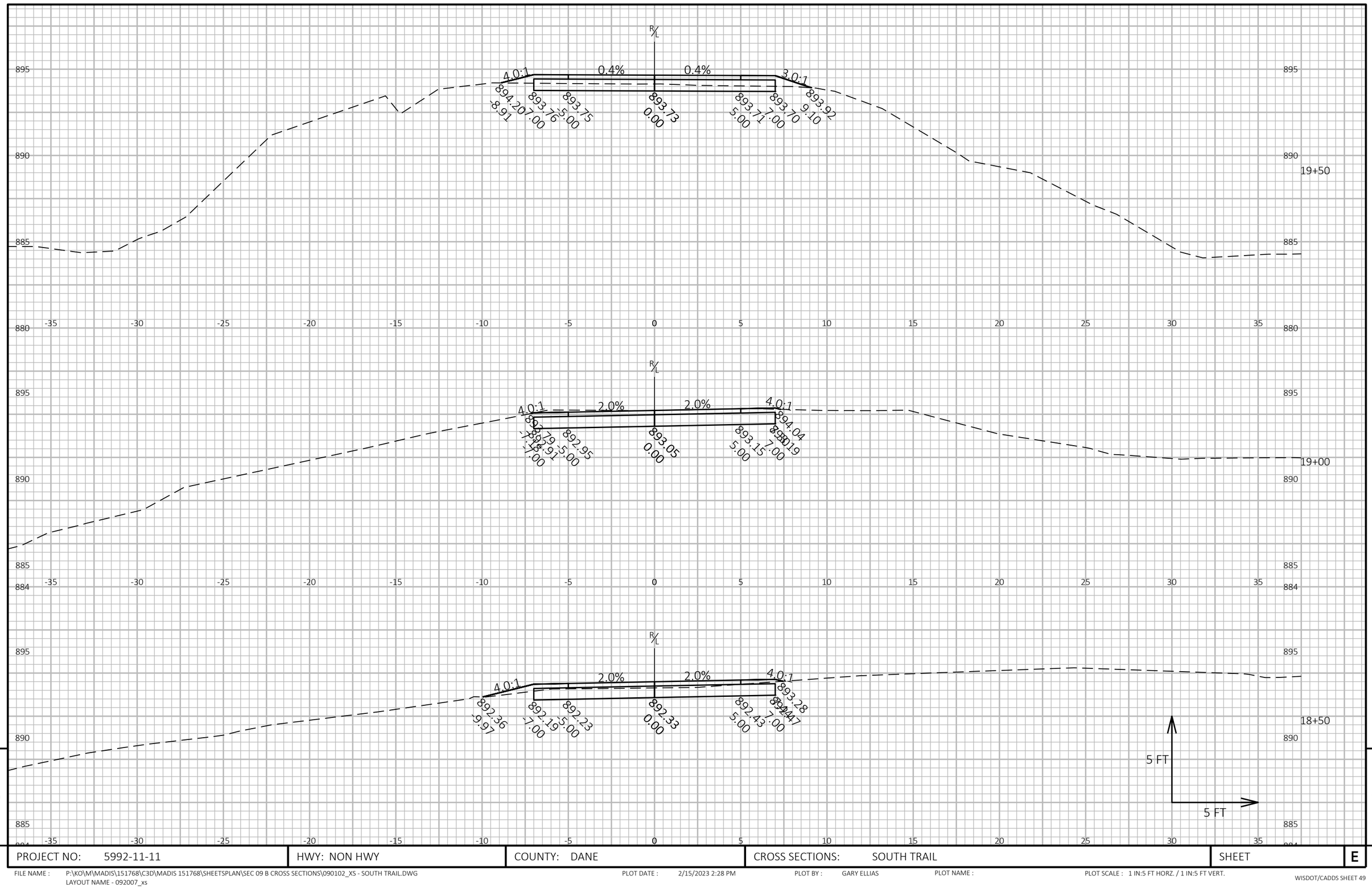

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PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: SOUTH TRAIL	SHEET E

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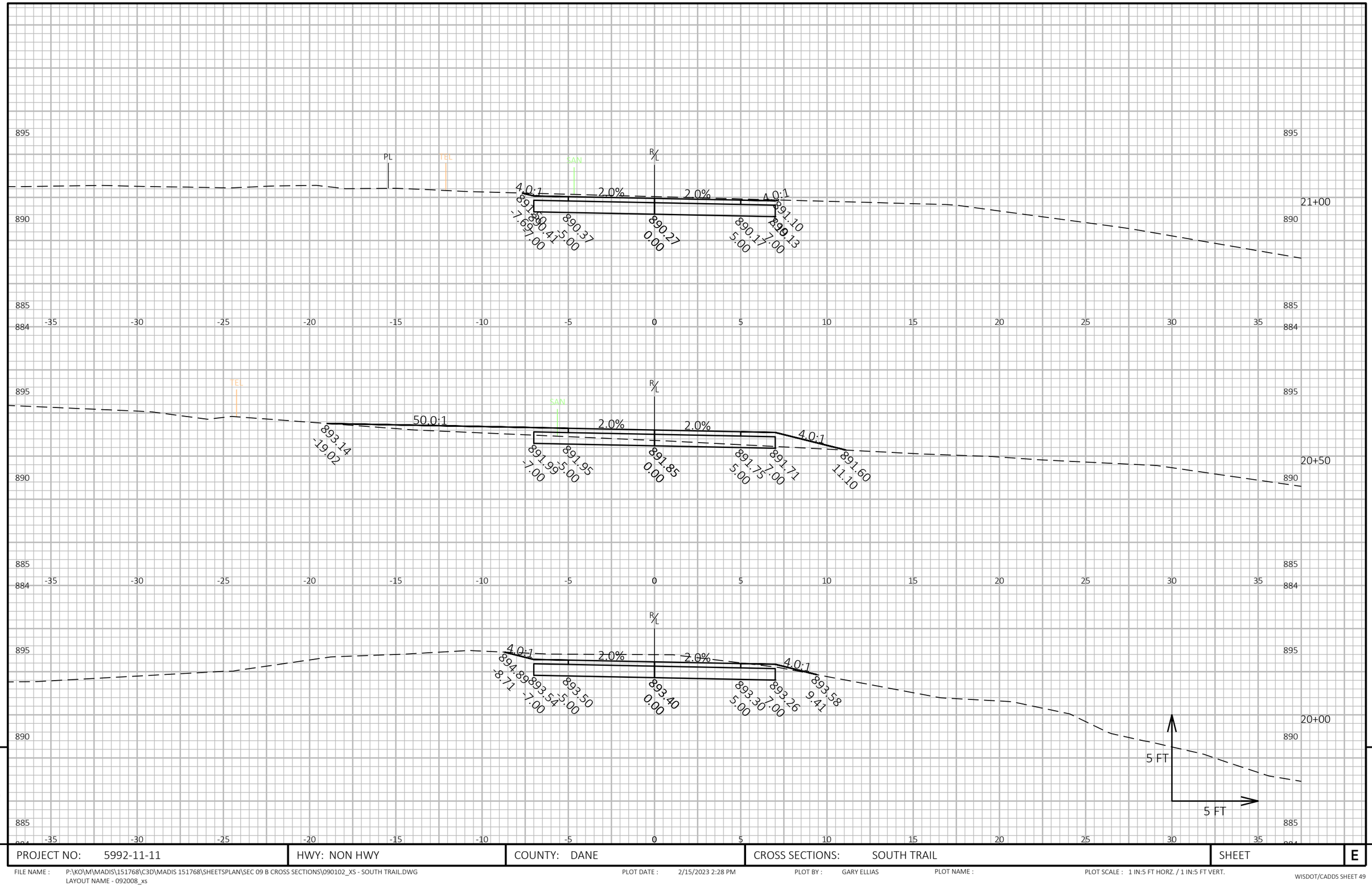

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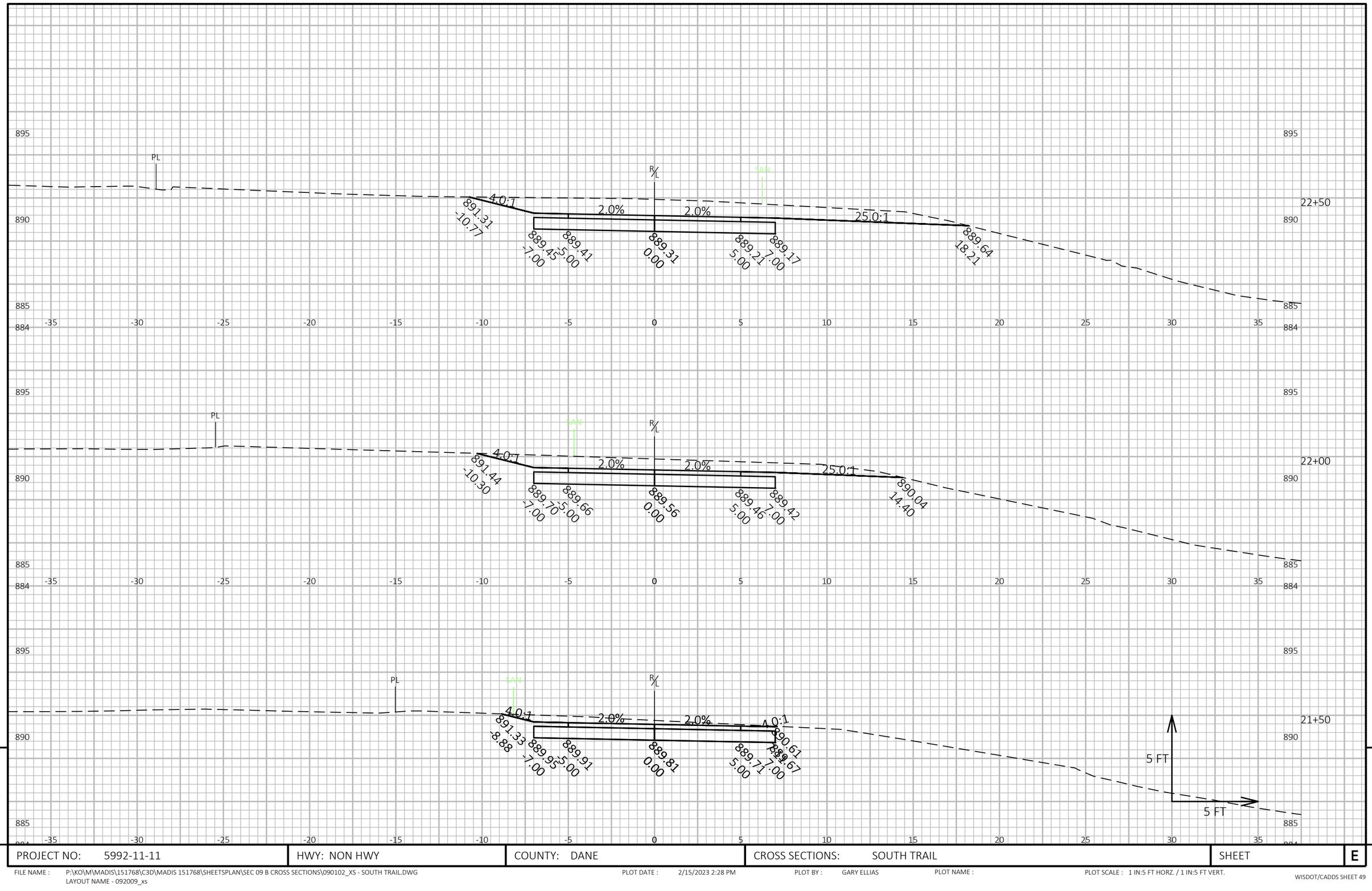

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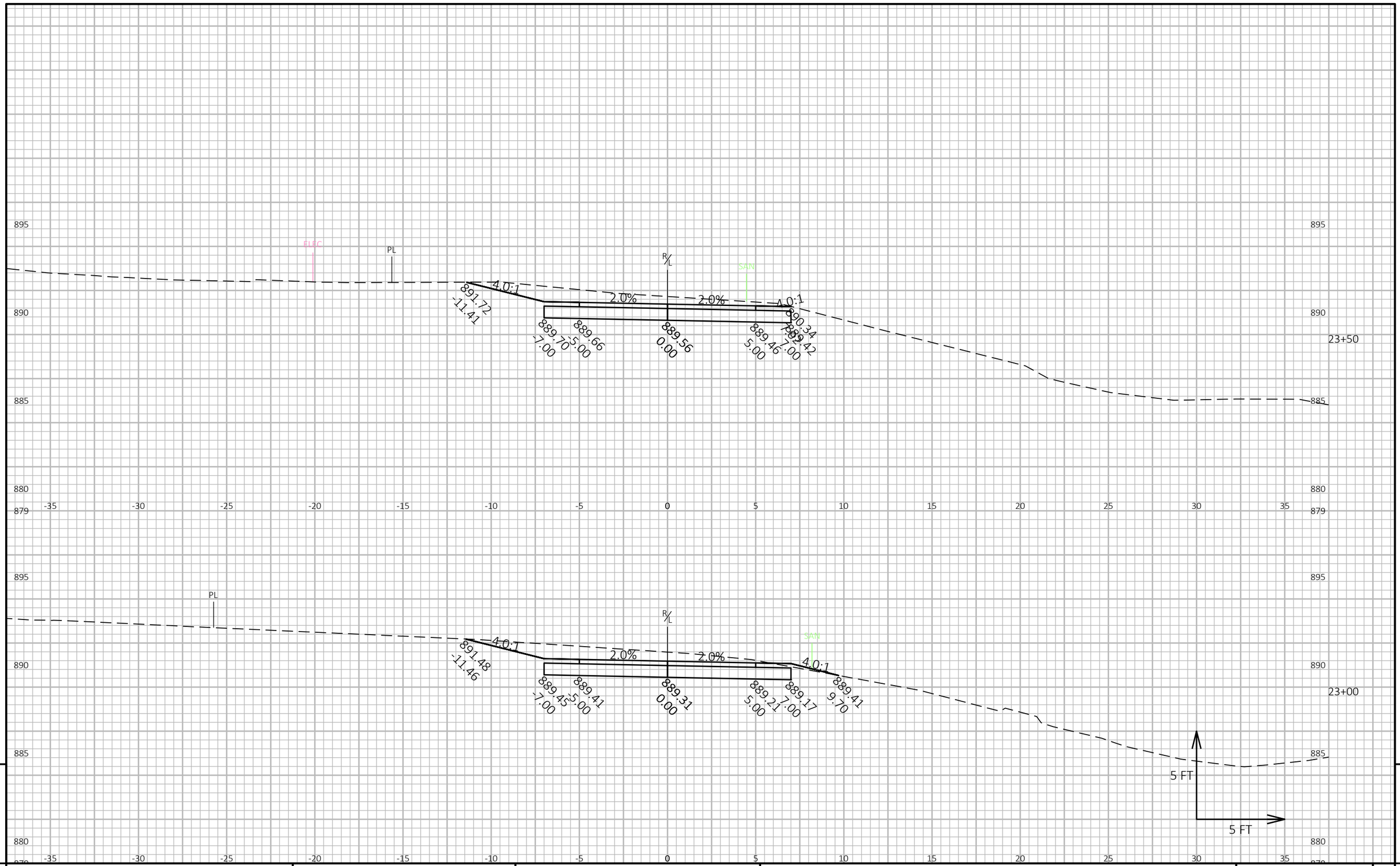

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PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: SOUTH TRAIL	SHEET	E

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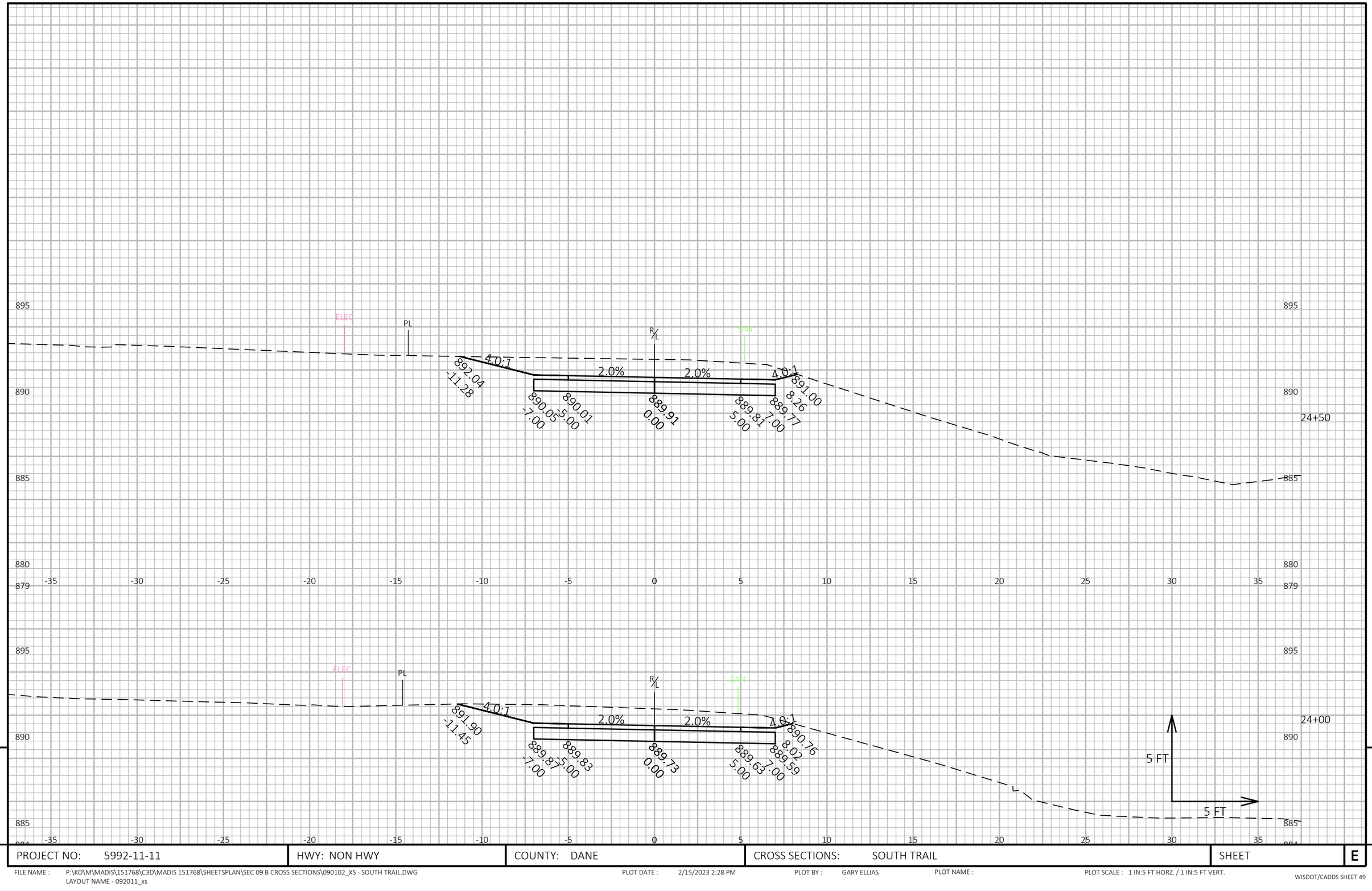

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PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: SOUTH TRAIL	SHEET	E

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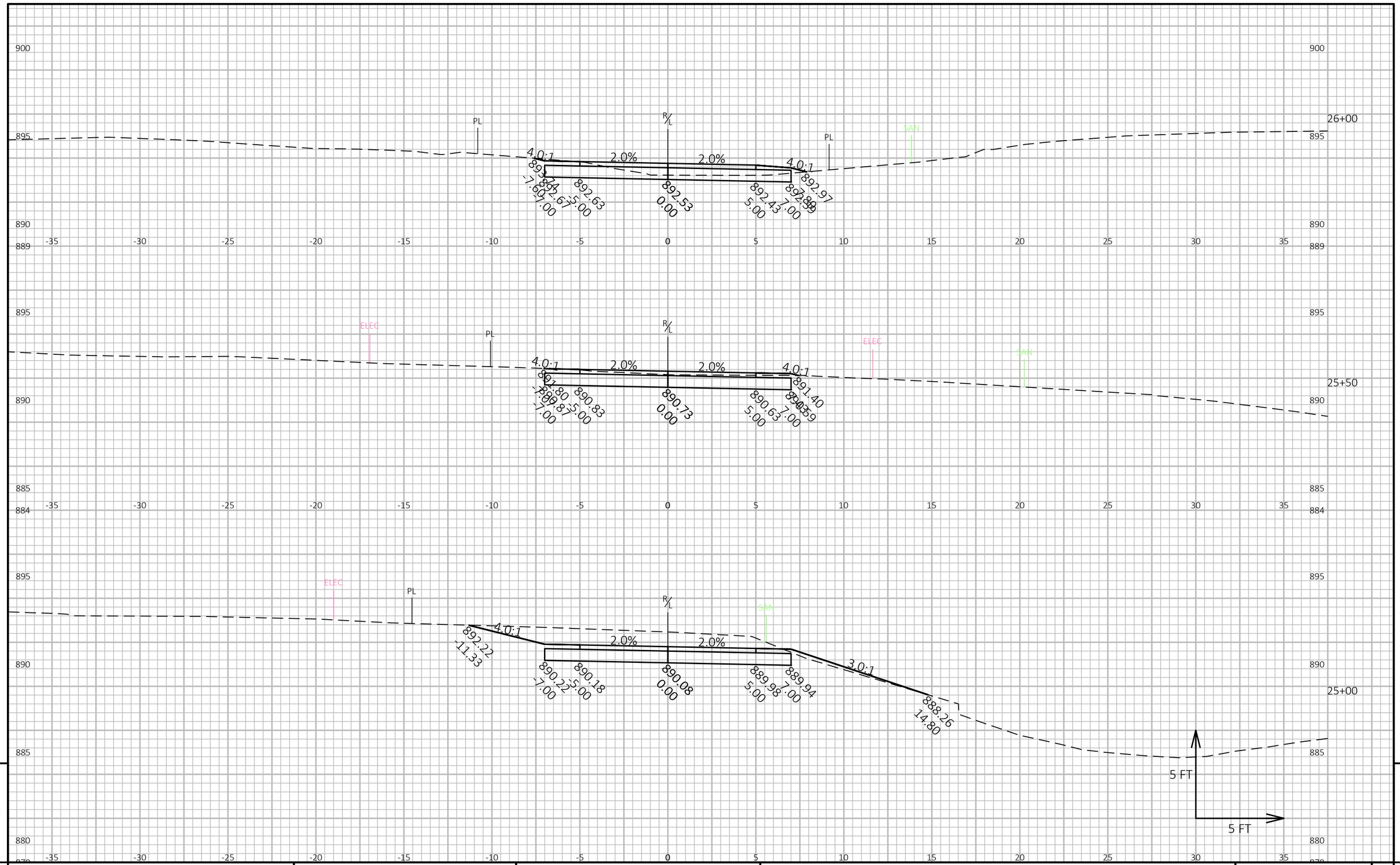

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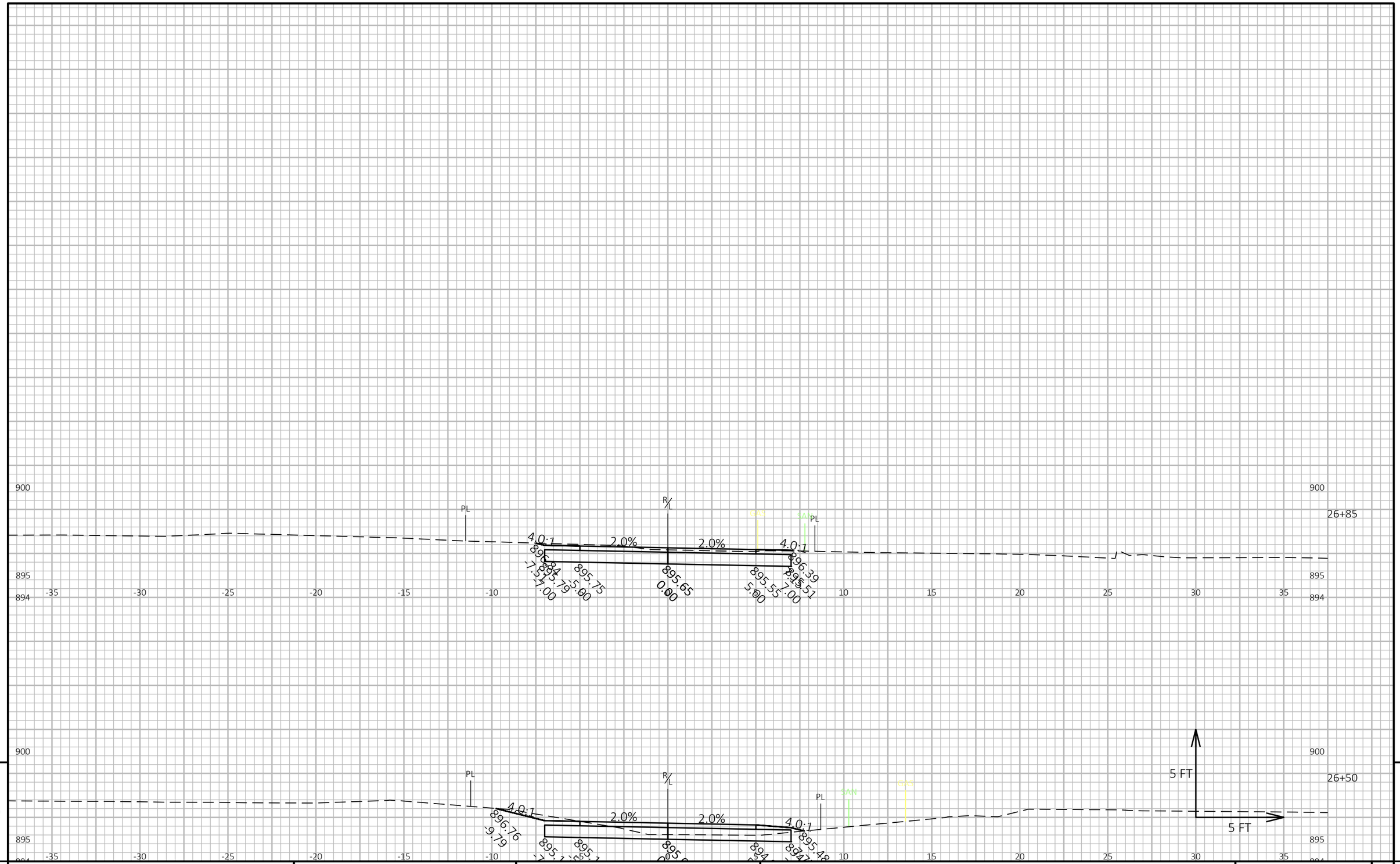
WISDOT/CADDS SHEET 49



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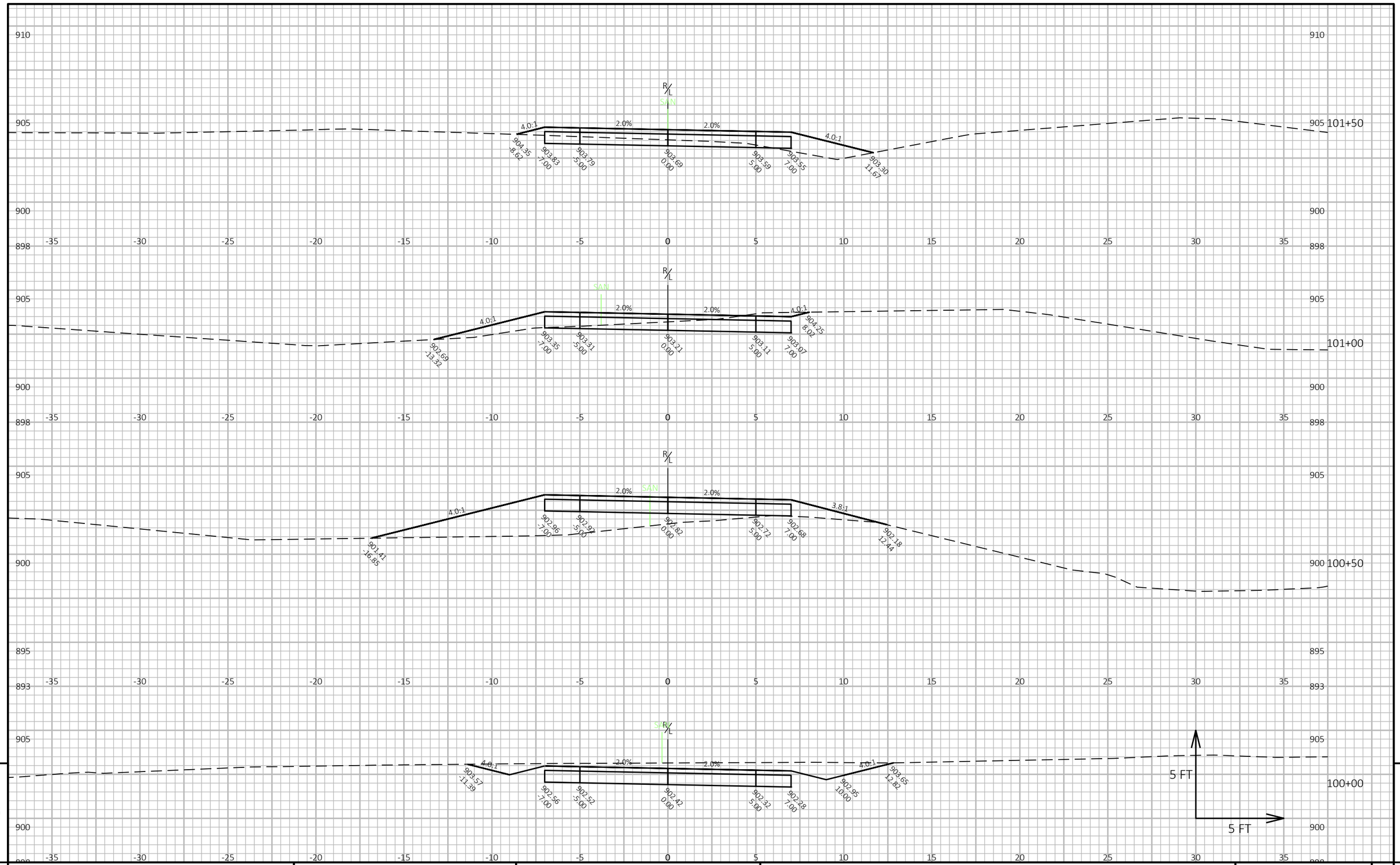

PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: NORTH TRAIL	SHEET	E

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WISDOT/CADDS SHEET 49

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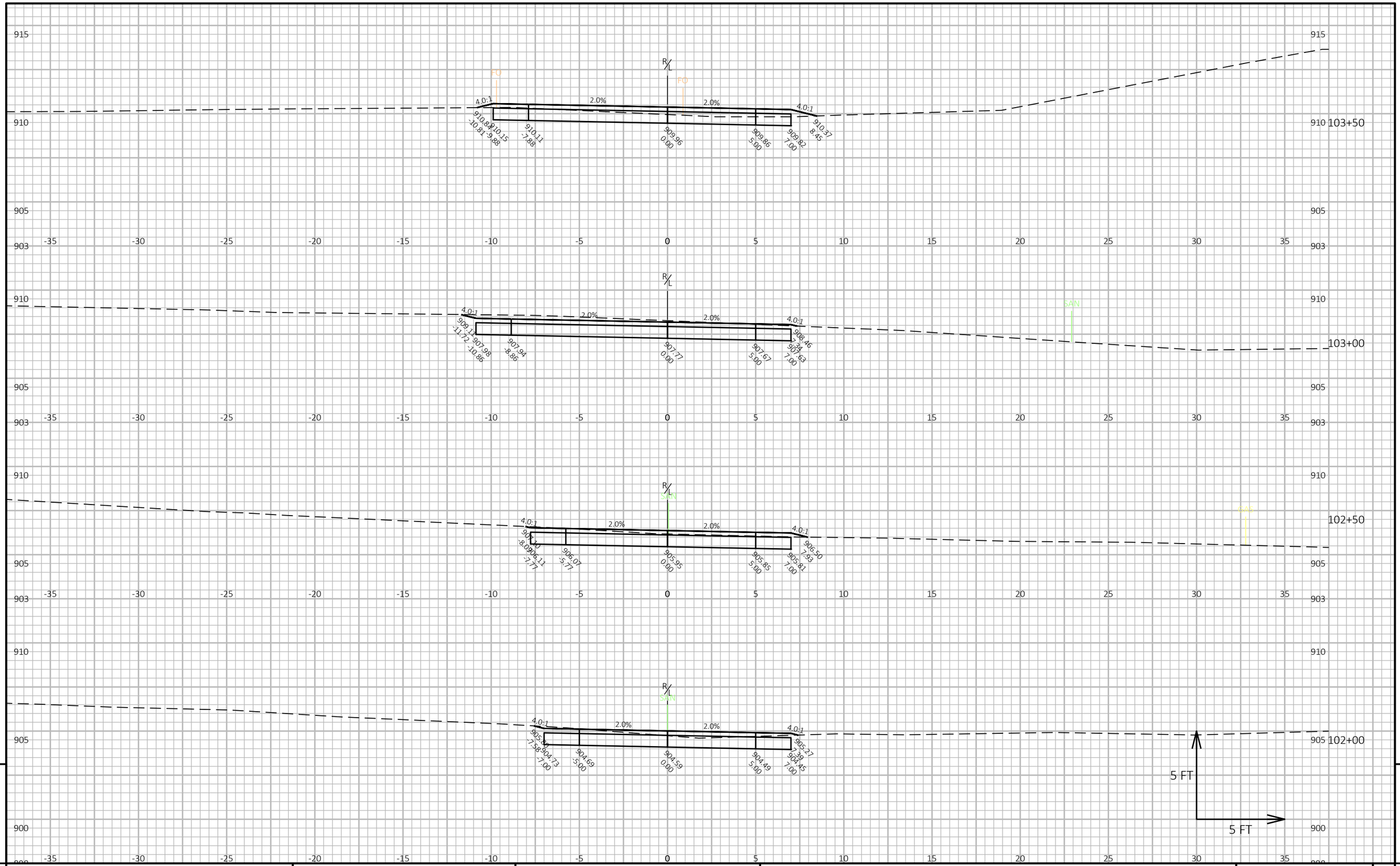

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PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: NORTH TRAIL	SHEET	E

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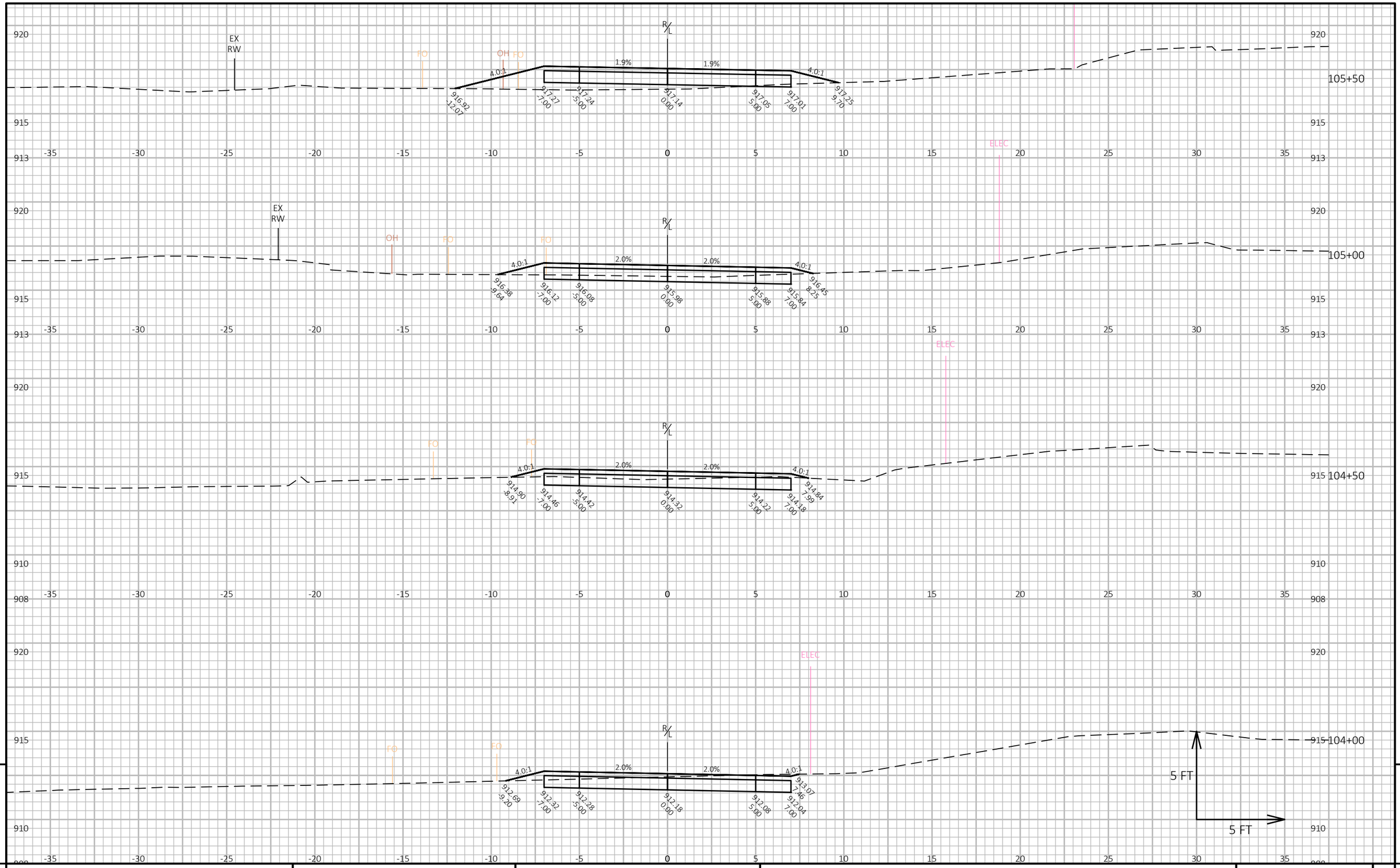

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PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: NORTH TRAIL	SHEET	E

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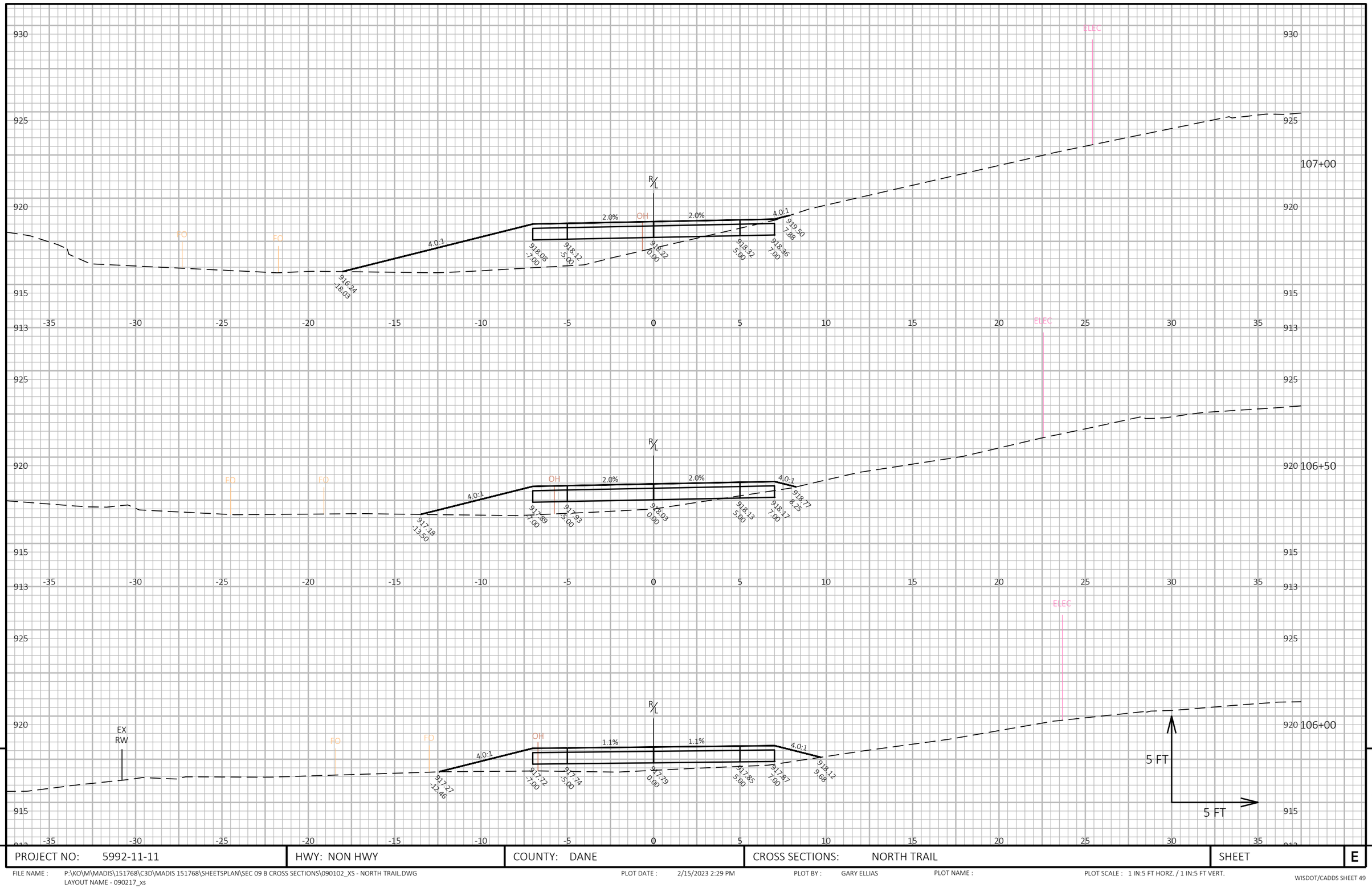

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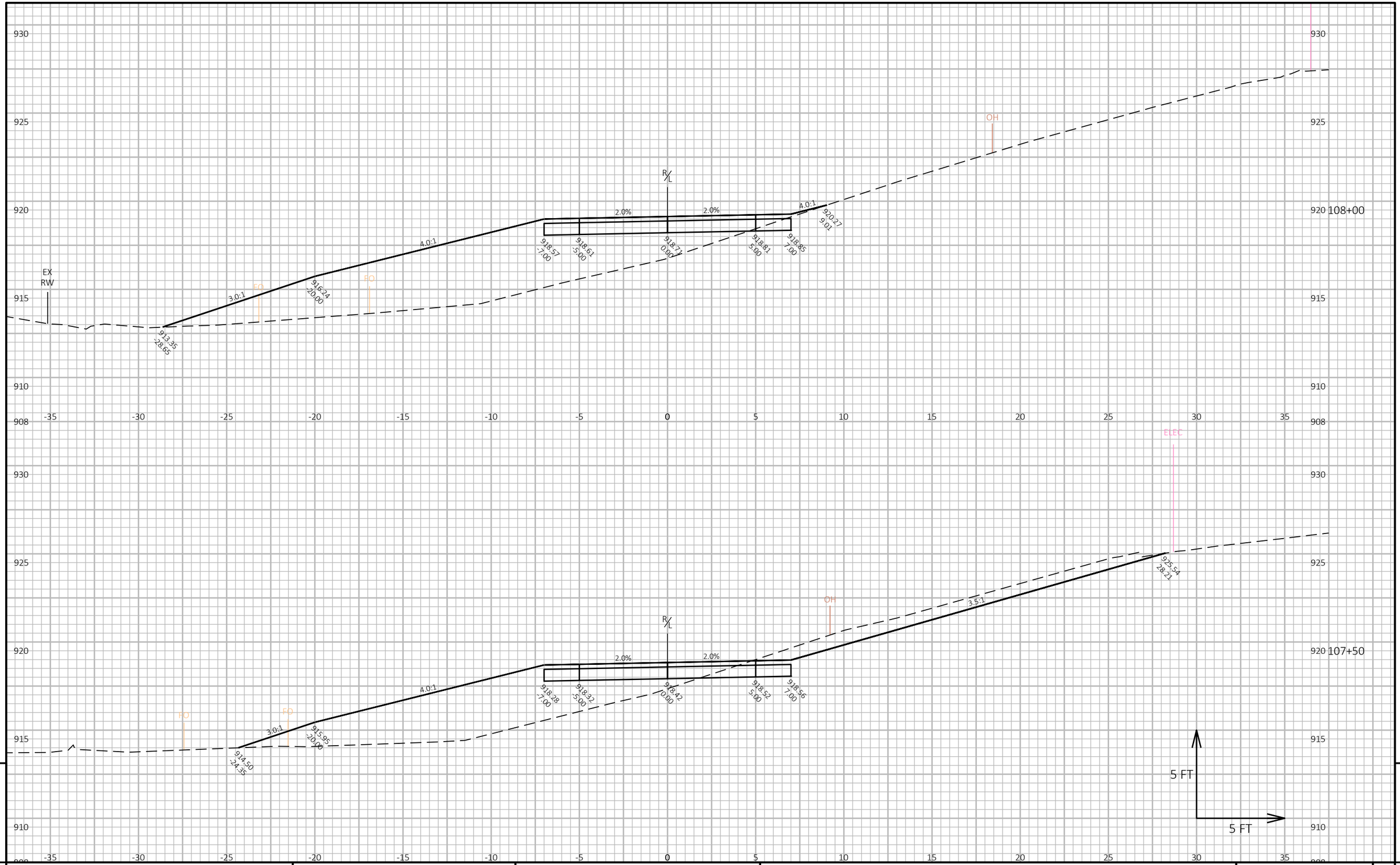
PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: NORTH TRAIL	SHEET	E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SHEETSPLAN\SEC 09 B CROSS SECTIONS\090102_XS - NORTH TRAIL.DWG
LAYOUT NAME - 090217_xs

PLOT DATE : 2/15/2023 2:29 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.

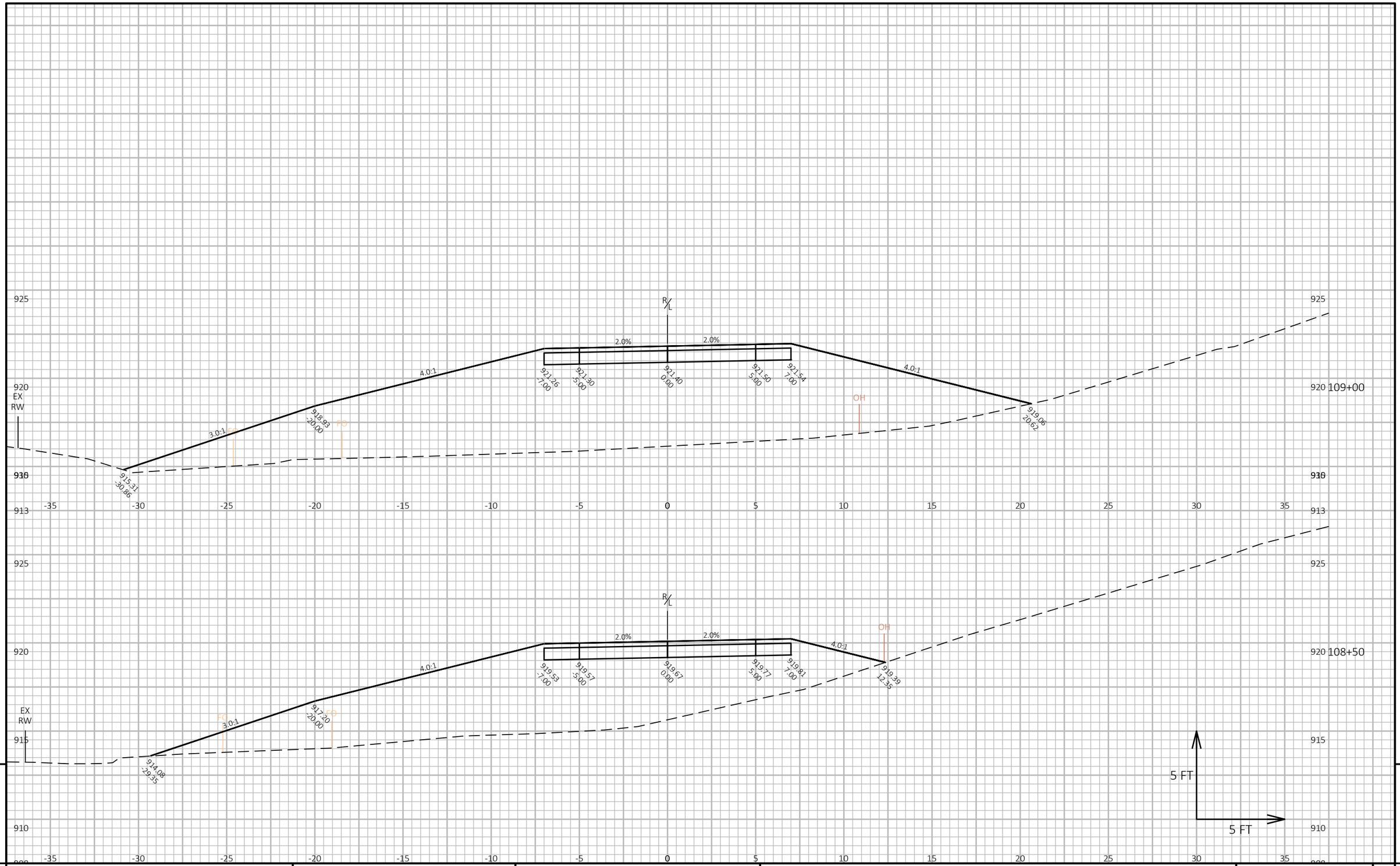


PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: NORTH TRAIL	SHEET	E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SHEETSPLAN\SEC 09 B CROSS SECTIONS\090102_XS - NORTH TRAIL.DWG
LAYOUT NAME - 090218_xs

PLOT DATE : 2/15/2023 2:29 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.

WISDOT/CADDS SHEET 49

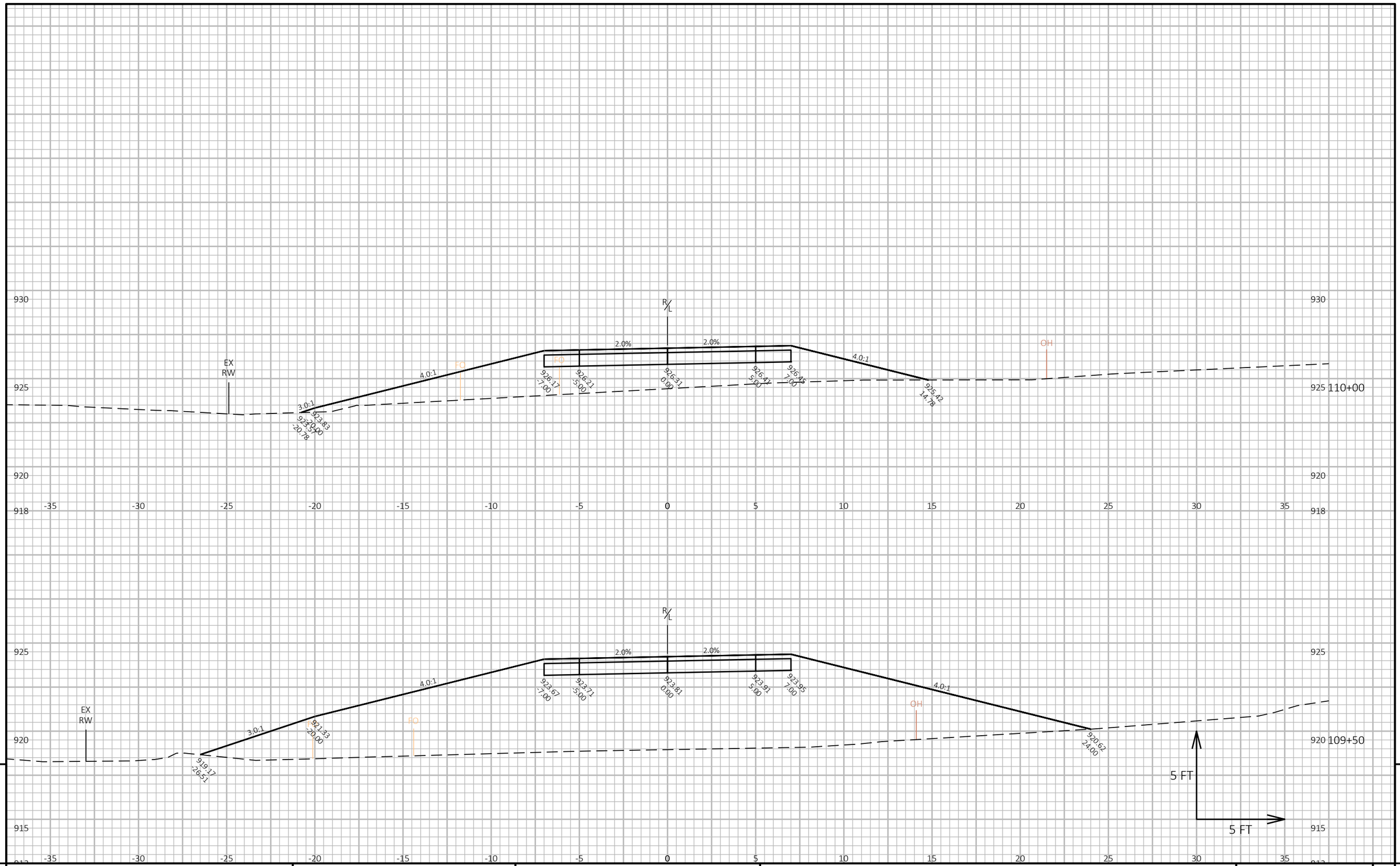


PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: NORTH TRAIL	SHEET	E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SHEETSPLAN\SEC 09 B CROSS SECTIONS\090102_XS - NORTH TRAIL.DWG
LAYOUT NAME - 090219_xs

PLOT DATE : 2/15/2023 2:29 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.

WISDOT/CADDS SHEET 49



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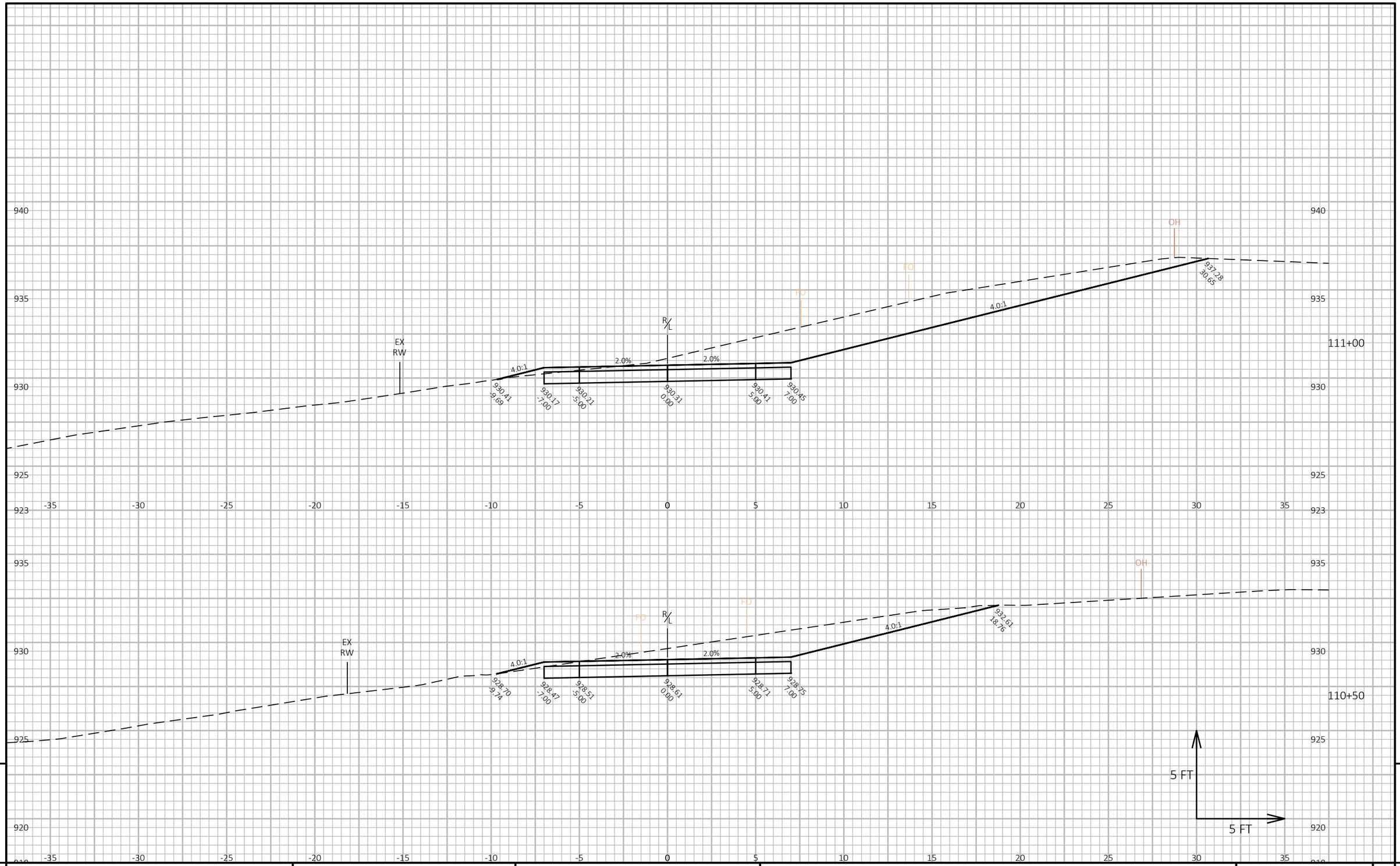
PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: NORTH TRAIL	SHEET	E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SHEETSPLAN\SEC 09 B CROSS SECTIONS\090102_XS - NORTH TRAIL.DWG
LAYOUT NAME - 090220_xs

PLOT DATE : 2/15/2023 2:29 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.



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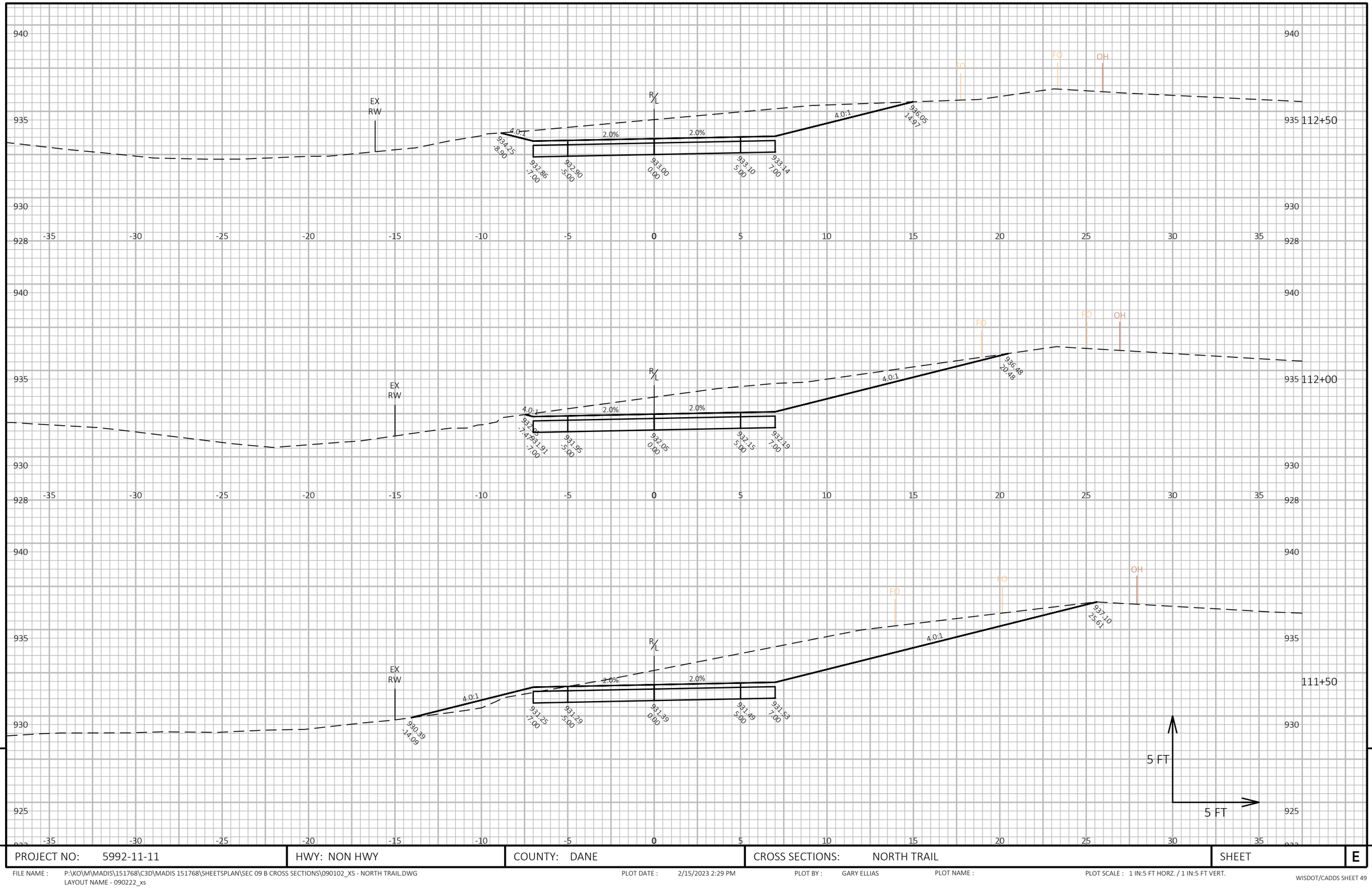
PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: NORTH TRAIL	SHEET	E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SHEETSPLAN\SEC 09 B CROSS SECTIONS\090102_XS - NORTH TRAIL.DWG
LAYOUT NAME - 090221_xs

PLOT DATE : 2/15/2023 2:29 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.



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PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: NORTH TRAIL	SHEET	E

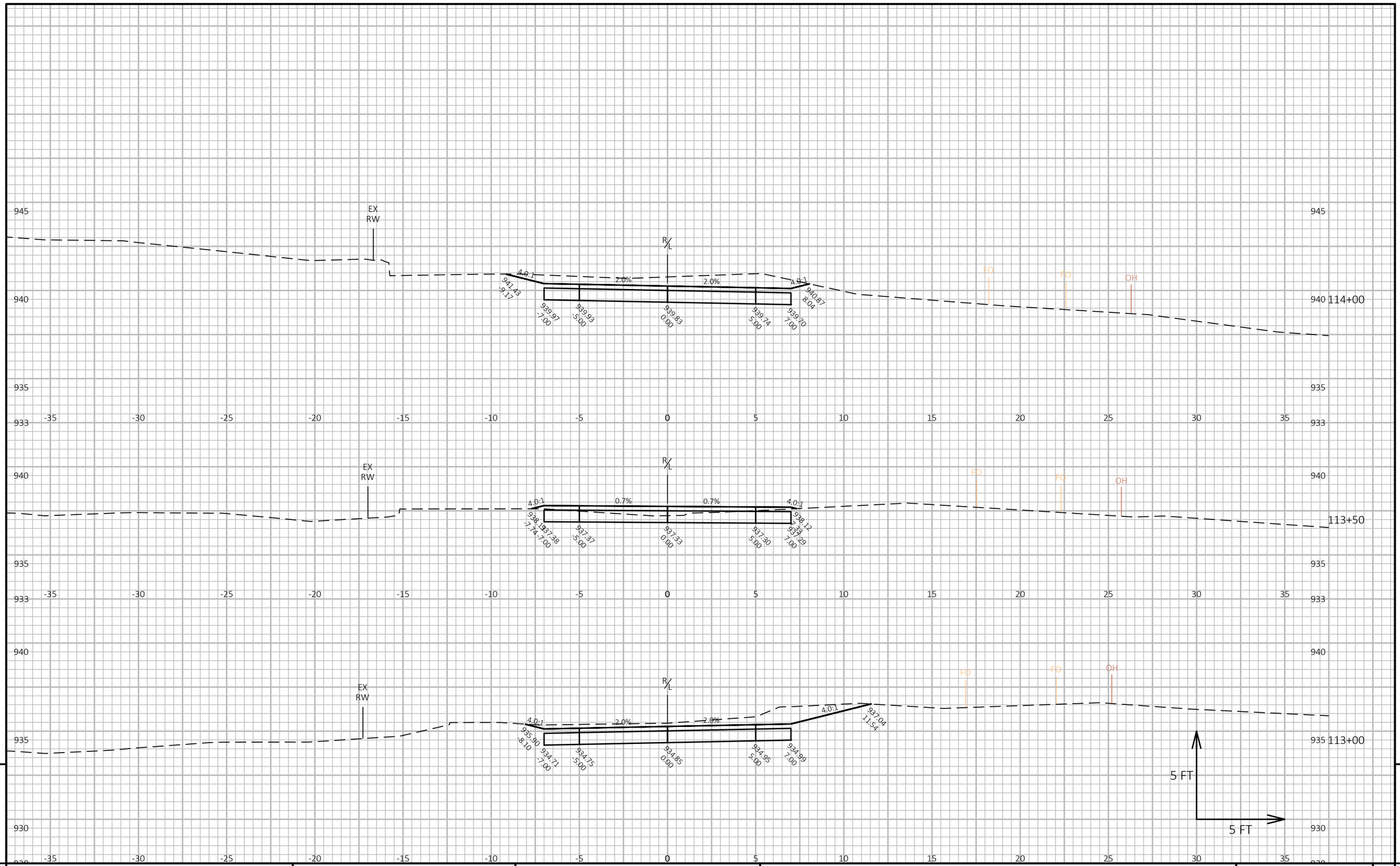
FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SHEETSPLAN\SEC 09 B CROSS SECTIONS\090102_XS - NORTH TRAIL.DWG
LAYOUT NAME - 090222_xs

PLOT DATE : 2/15/2023 2:29 PM

PLOT BY : GARY ELLIAS

PLOT NAME :

PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.



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PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: NORTH TRAIL	SHEET	E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SHEETSPLAN\SEC 09 B CROSS SECTIONS\090102_XS - NORTH TRAIL.DWG
LAYOUT NAME - 090223_xs

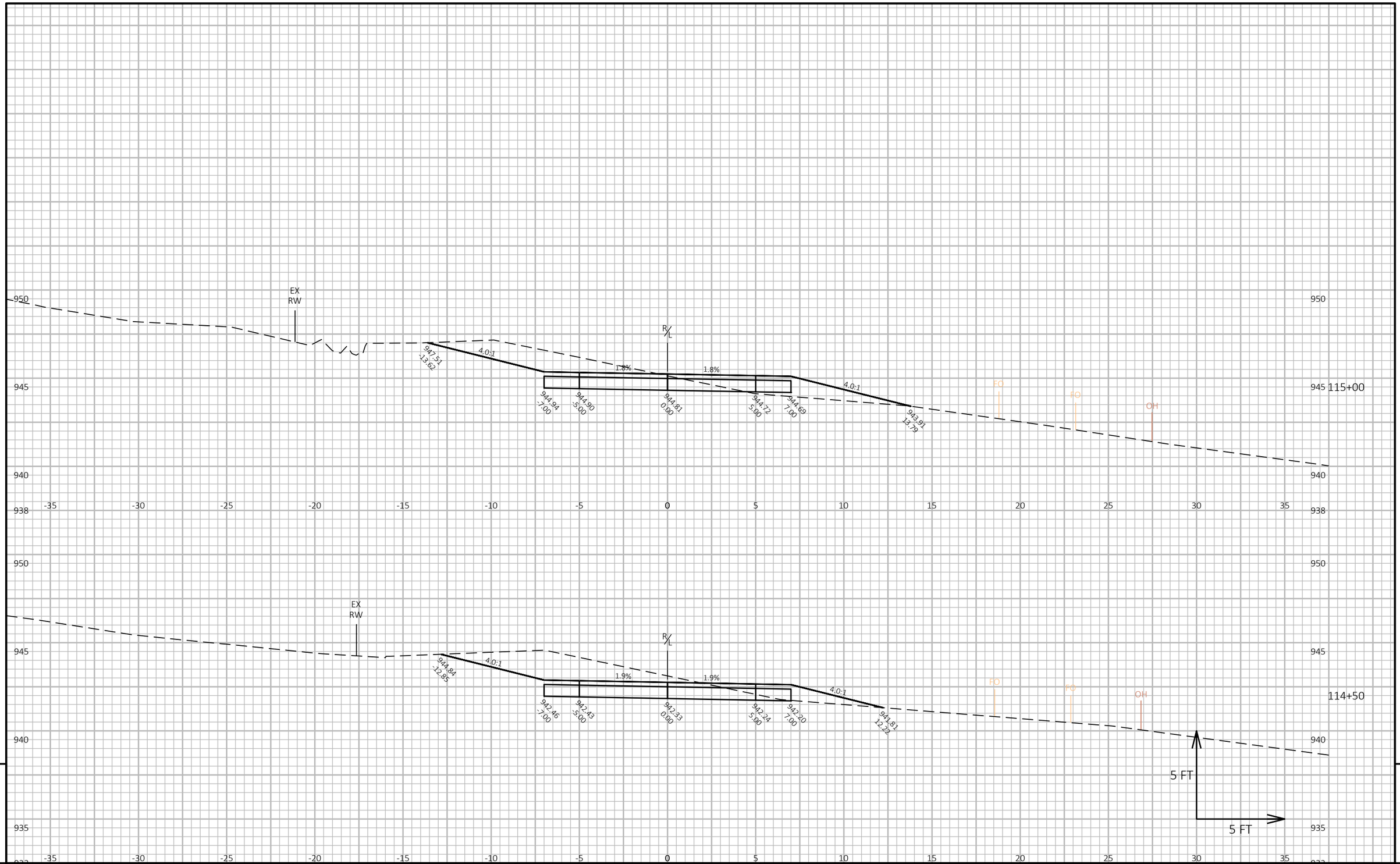
PLOT DATE : 2/15/2023 2:29 PM

PLOT BY : GARY ELLIAS

PLOT NAME :

PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: NORTH TRAIL	SHEET	E

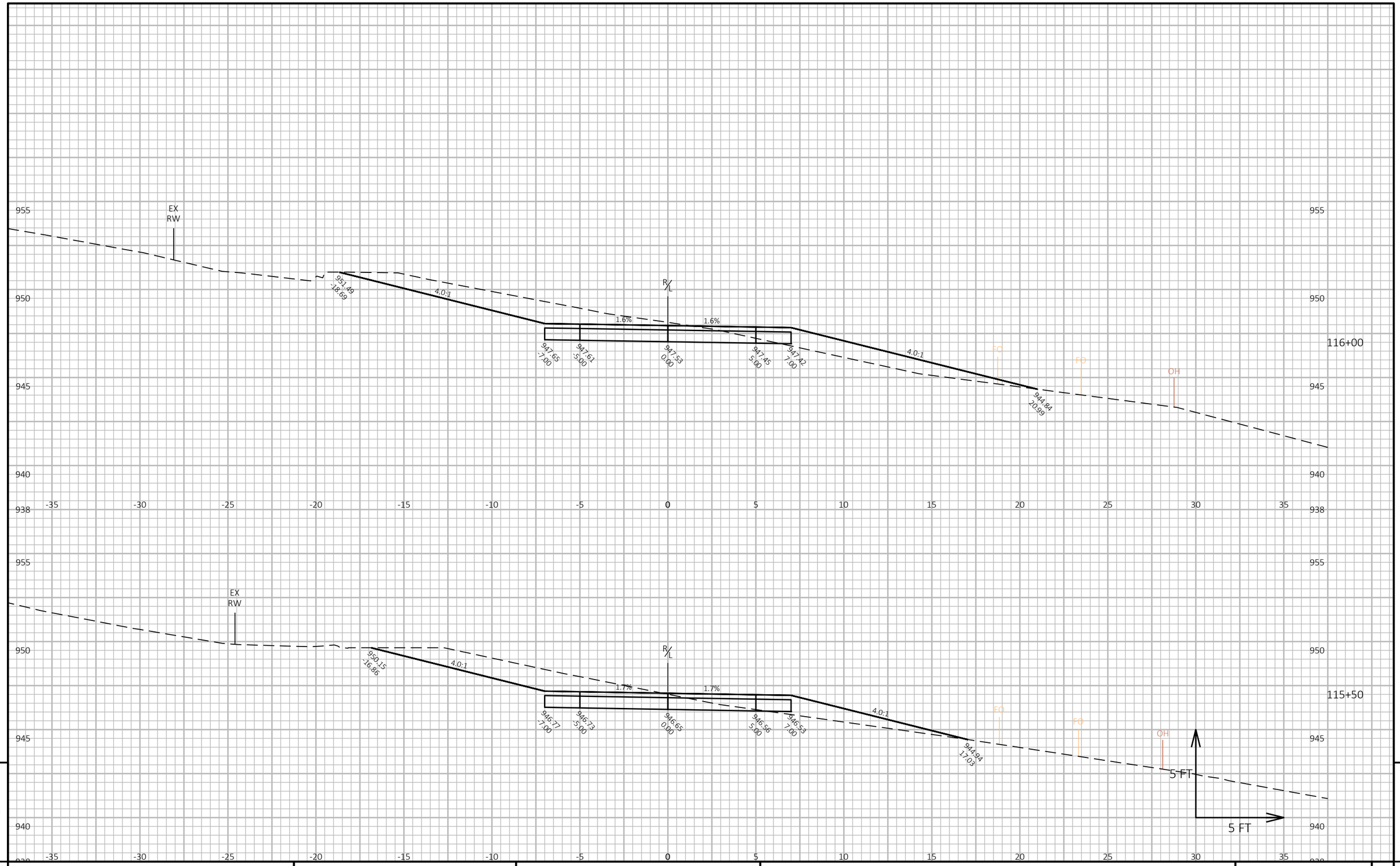
FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SHEETSPLAN\SEC 09 B CROSS SECTIONS\090102_XS - NORTH TRAIL.DWG
LAYOUT NAME - 090224_xs

PLOT DATE : 2/15/2023 2:29 PM

PLOT BY : GARY ELLIAS

PLOT NAME :

PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.

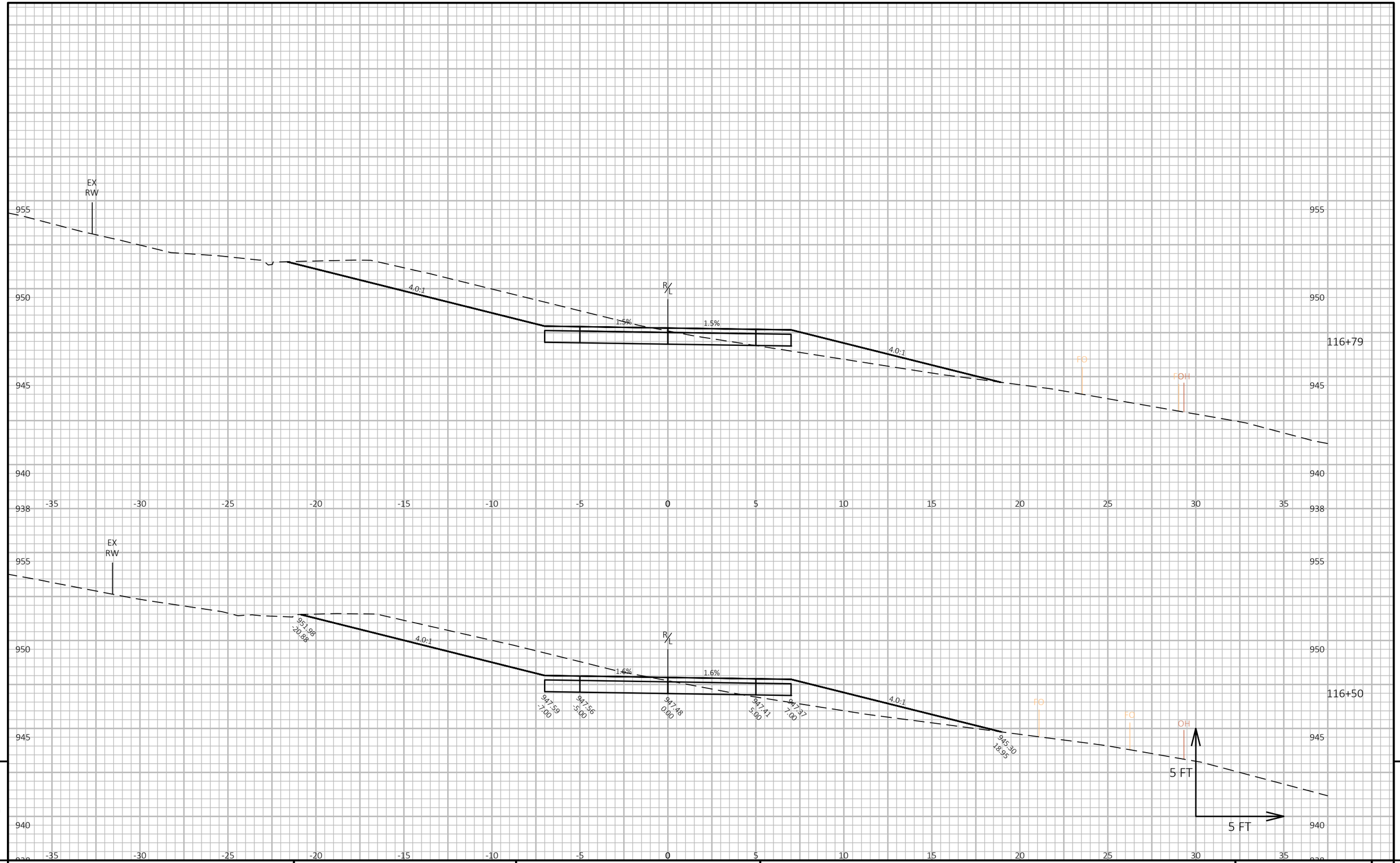


PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: NORTH TRAIL	SHEET E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SHEETSPLAN\SEC 09 B CROSS SECTIONS\090102_XS - NORTH TRAIL.DWG
LAYOUT NAME - 090225_xs

PLOT DATE : 2/15/2023 2:29 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.

WISDOT/CADDS SHEET 49

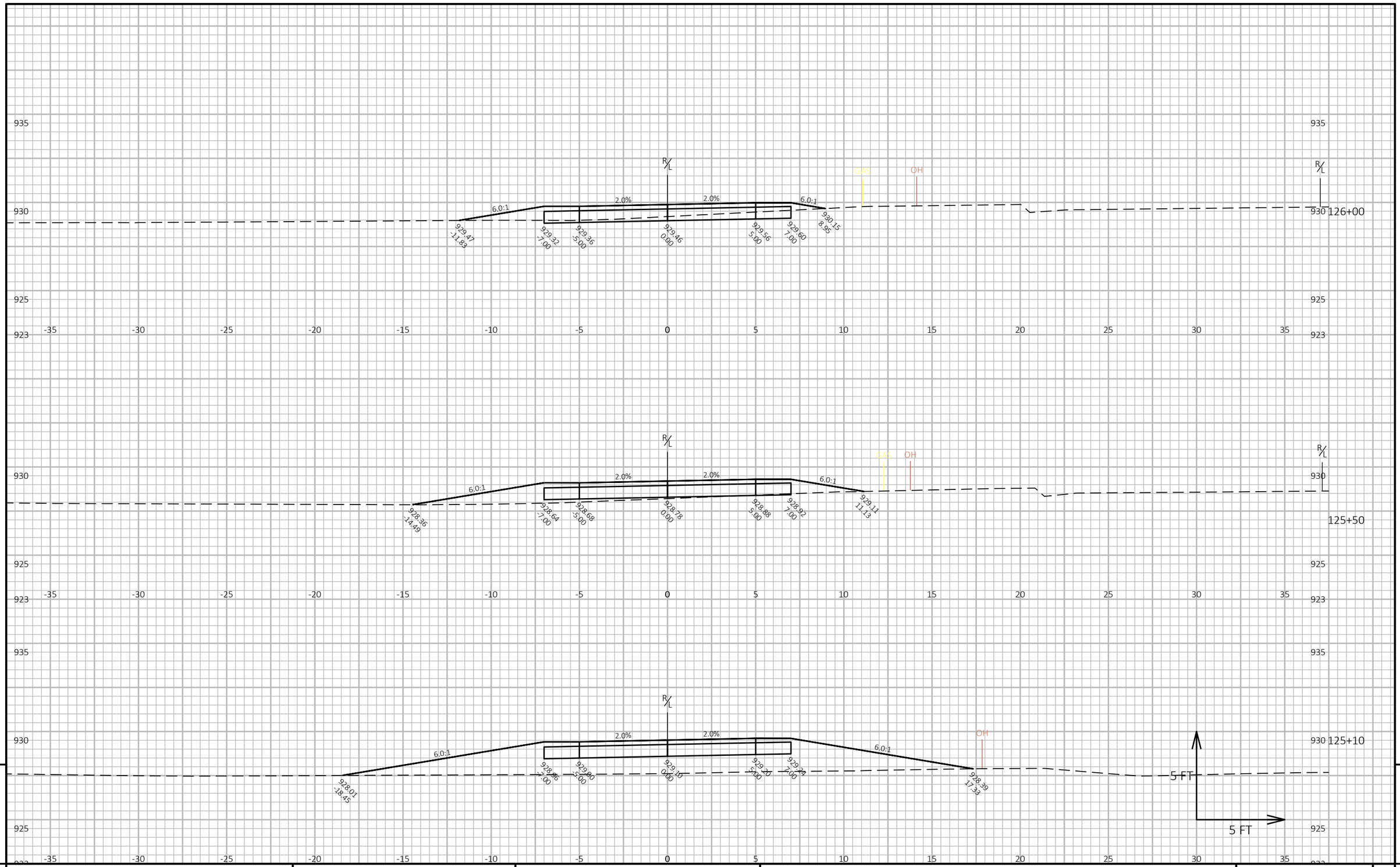


PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: NORTH TRAIL	SHEET	E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SHEETSPLAN\SEC 09 B CROSS SECTIONS\090102_XS - NORTH TRAIL.DWG
LAYOUT NAME - 090226_xs

PLOT DATE : 2/15/2023 2:29 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5992-11-11	HWY: NON HWY	COUNTY: DANE	CROSS SECTIONS: NORTH TRAIL	SHEET	E

FILE NAME : P:\KO\M\MADIS\151768\C3D\MADIS 151768\SHEETSPLAN\SEC 09 B CROSS SECTIONS\090102_XS - NORTH TRAIL.DWG
LAYOUT NAME - 090227_xs

PLOT DATE : 2/15/2023 2:29 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.

WISDOT/CADDS SHEET 49