MAD

JANUARY 2025

PROJECT ID: 1370-00-73/76/77

WITH: N/A

COUNTY: JEFFERSON

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS = 854

DESIGN DESIGNATION		1370-00-03 STH 16
A.A.D.T.	=	9300 (2024)
A.A.D.T.	=	9300 (2044)
D.H.V.	=	986
D.D.	=	62/38
T.	=	13.1%
DESIGN SPEED	=	55 MPH
ESALS	=	1,900,000

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

WATERTOWN - WAUKESHA

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1370-00-73	WISC 2025147	1
1370-00-76	WISC 2025148	1
1370-00-77		

E MAIN ST TO ROCK RIVER ROAD	MAIN ST/OAK HILL ROAD INTERSECTION	MAIN ST/OAK HILL ROAD INTERSECTION
STH 16 JEFFERSON	**STH 16 JEFFERSON**	**STH 16 JEFFERSON**
STATE PROJECT NUMBER **1370-00-73**	STATE PROJECT NUMBER **1370-00-76**	STATE PROJECT NUMBER **1370-00-77**

BEGIN PROJECT
1300-00-76/77
STA 70+52.79
Y = 627,156.43
X = 884,668.32

END PROJECT
1300-00-76/77
BEGIN PROJECT
1300-00-73
STA 86+14.27
Y = 625,697.204
X = 885,188.083

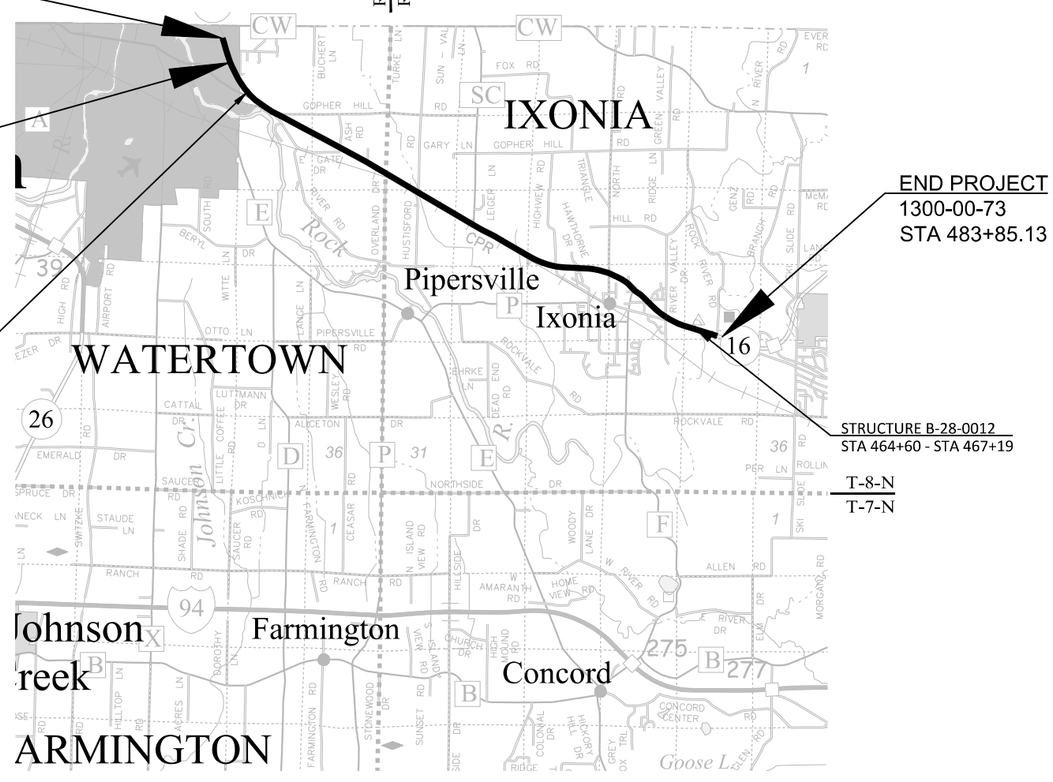
STRUCTURE B-28-0022
STA 105+40 - STA 107+12

END PROJECT
1300-00-73
STA 483+85.13

STRUCTURE B-28-0012
STA 464+60 - STA 467+19

T-8-N
T-7-N

R-15-E
R-16-E



LAYOUT
SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE =	7.754 MILES
1370-00-73 =	7.532 MILES
1370-00-76 =	0.222 MILES
1370-00-77 =	0.000 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), JEFFERSON 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.

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 (95.36)
- 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

emcs
1600 Aspen Commons, Suite 230
Middleton, WI 53562
608.827.8810 Fax 608.833.3198

WISCONSIN
CORY T. INMAN E-44346-6 MADISON, WI
PROFESSIONAL ENGINEER

8/15/24 (Date)

(Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	EMCS, INC
Designer	EMCS, INC
Project Manager	MICHAEL RAMPETSREITER
Regional Examiner	SW REGION
Regional Supervisor	JUSTIN KUTSCHENREUTER

APPROVED FOR THE DEPARTMENT

DATE: _____

Mike Rampetsreiter

Digitally signed by Mike Rampetsreiter
DN: C=US, E=michael.rampetsreiter@dot.wi.gov, OU=Wisconsin Department of Transportation, CN=Mike Rampetsreiter
Location: DTSD-SWR
Reason: I am approving this document
Contact Info: 1.608.246.7917
Date: 2024.08.15 14:18:32-05'00'

E

ORDER OF SECTION 2 SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
REMOVALS
PLAN AND INTERSECTION DETAILS
EROSION CONTROL
STORM SEWER
LIGHTING
SIGNING AND MARKING
TRAFFIC CONTROL
DETOUR
ALIGNMENT DETAILS

GENERAL NOTES

- 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.
- TOPSOIL SHALL BE PLACED 1 INCH BELOW THE TOP OF ADJACENT CONCRETE CURBS OR SIDEWALKS.
- THE QUANTITY OF THE ITEMS FOR EROSION PROTECTION INCLUDES AN UNDISTRIBUTED AMOUNT FOR PROTECTION, CONTROL AND ABATEMENT OF WATER POLLUTION RESULTING FROM SOIL EROSION. THE DISTRIBUTION AND LOCATION OF THESE MATERIALS ARE TO BE DETERMINED BY THE ENGINEER.
- DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOPSOILED (SALVAGED), FERTILIZED, SEEDED, AND MULCHED AS DIRECTED BY THE ENGINEER.
- (SALVAGED) TOPSOIL AND MULCH HAS BEEN COMPUTED BY DIRECT MEASUREMENTS ON THE CROSS SECTIONS PLUS 5 FT BEYOND THE TOE OF SLOPE. SEEDING AND FERTILIZER HAS BEEN COMPUTED BY DIRECT MEASUREMENTS ON THE CROSS SECTIONS PLUS 10 FT.
- FERTILIZER SHALL NOT BE USED WITHIN 20' OF NAVIGABLE WATERWAYS OR WETLANDS.
- APPLY TACK COAT AT A RATE OF 0.07 GAL/SY TO MILLED PAVEMENT SURFACES AND 0.05 GAL/SY BETWEEN LAYERS OF HMA PAVEMENT.
- A CONVERSION FACTOR OF 2.10 TONS/CY IS USED TO ESTIMATE QUANTITIES FOR BASE AGGREGATE DENSE 3/4-INCH.
- A CONVERSION FACTOR OF 2.00 TONS/CY IS USED TO ESTIMATE QUANTITIES FOR BASE AGGREGATE DENSE 1 1/4-INCH.
- A CONVERSION FACTOR OF 1.90 TONS/CY IS USED TO ESTIMATE QUANTITIES FOR SELECT CRUSHED MATERIAL.
- A CONVERSION FACTOR OF 112 LB/SY/IN. IS USED TO ESTIMATE QUANTITIES FOR HMA PAVEMENT.

UTILITIES

AT&T LEGACY - COMMUNICATIONS

KENNETH M. NINE
110 N. MAIN ST
CULVER, IN 46511
P: 574-936-5682
MOBILE: 574-904-6336
EMAIL: KNINE@JMCEAINC.COM

AT&T WI - COMMUNICATIONS

WILL SCHROEDER
435 95TH ST
MILWAUKEE, WI 53214
P: 414-379-7522
EMAIL: WS3060@ATT.COM

AMERICAN TRANSMISSION COMPANY, LLC - ELECTRICITY-TRANSMISSION

CHRIS DAILEY
PO BOX 47
WAUKESHA, WI 53187
P: 262-506-6884
EMAIL: CDAILEY@ATCLLC.COM

SPECTRUM MID-AMERICA, LLC - COMMUNICATIONS

EAST OF STATION 298+00: L-TIME WARNER CABLE
MICHAEL YAEGER
1320 N. MARTIN LUTHER KING DR
MILWAUKEE, WI 53212
P: 414-908-4677
EMAIL: MICHAEL.YAEGER@CHARTER.COM

WEST OF STATION 298+00: L-CHARTER
COREY LEWIS
N3760 COUNTY RD DJ
JUNEAU, WI 53039
P: 920-404-0575
EMAIL: COREY.LEWIS@CHARTER.COM

CITY OF WATERTOWN - WATER/SEWER

PETER HARTZ
800 HOFFMANN DRIVE
WATERTOWN, WI 53094
P: 920-262-4075
EMAIL: PHARTZ@WATERTOWNWI.GOV

US CELLULAR - COMMUNICATIONS

RANDY MILLER
3545 N 124TH ST
BROOKFIELD, WI 53005
P: 715-421-9653
EMAIL: RANDY.MILLER@USCELLULAR.COM

IXONIA SANITARY DISTRICT #1 - SEWER

JEFF WEGNER
W1275 ELMWOOD DR
P.O. BOX 109
IXONIA, WI 53036
P: 920-988-6390
EMAIL: JEFFW@TOWNOFIXONIA.COM

WE ENERGIES - ELECTRICITY

STEVEN KING
S18 W33800 HWY 18
DELAFIELD, WI 53018
P: 262-968-5768
MOBILE: 414-940-0570
EMAIL: STEVE.KING@WE-ENERGIES.COM

WE ENERGIES - GAS/PETROLEUM

JASON DODGE
500 S 116TH STREET
WEST ALLIS, WI 53214
P: 414-944-5507
MOBILE: 262-894-2495

GUARDIAN PIPELINE - GAS/PETROLEUM

JEFFERY S NEUBAUER
W7137 KETTLE MORAINE DR
WHITEWATER, WI 53190
P: 262-325-4489
EMAIL: JEFFERY.NEUBAUER@ONEOK.COM

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

OTHER AGENCIES

CONSULTANT DESIGN

EMCS, INC.
CORY INMAN
1600 ASPEN COMMONS, SUITE 230
MIDDLETON, WI 53562
PHONE: (608) 665-9819
EMAIL: CINMAN@EMCSINC.COM

WDNR LIAISON

DNR SOUTH CENTRAL REGION HEADQUARTERS
SHELLEY NELSON
3911 FISH HATCHERY RD
FITCHBURG, WI 53711
PHONE: (608)-444-2835
EMAIL: SHELLEY.NELSON@WISCONSIN.GOV

TOWN OF IXONIA

HIGHWAY SUPERINTENDENT
BEN DEGNER
N8320 NORTH ST
IXONIA, WI 53036
PHONE: (920) 342-7943
EMAIL: BEND@TOWNOFIXONIA.COM

TOWN OF WATERTOWN

ROAD SUPERVISOR
GORDON COOPER
N8302 HIGH RD
WATERTOWN, WI 53094
PHONE: (262) 894-0048
EMAIL: GCOOPER@DUCK.COM

WISDOT DESIGN

PROJECT MANAGER
WISDOT SW REGION
MICHAEL RAMPETSREITER
2101 WRIGHT ST
MADISON, WI 53704
PHONE: (608)246-7917
EMAIL: MICHAEL.RAMPETSREITER@DOT.WI.GOV

STANDARD ABBREVIATIONS

AGG	AGGREGATE	MGAL	1000 GALLONS
<	ANGLE	N	NORTH
AE,AEW	APRON ENDWALL	NB	NORTHBOUND
ASPH.	ASPHALTIC	NOR.	NORMAL
A.D.T.	AVERAGE DAILY TRAFFIC	PAV'T	PAVEMENT
A.A.D.T.	ANNUAL AVERAGE DAILY TRAFFIC	P.L.E.	PERMANENT LIMITED EASEMENT
C/L	CENTER LINE	P.C.	POINT OF CURVATURE
Δ	CENTRAL ANGLE OR DELTA	P.I.	POINT OF INTERSECTION
CMCP	CORRUGATED METAL CULVERT PIPE	P.T.	POINT OF TANGENCY
CMP	CORRUGATED METAL PIPE	P.E.	PRIVATE ENTRANCE
CO.	COUNTY	R	RADIUS OR RANGE
CTH	COUNTY TRUNK HIGHWAY	R/L	REFERENCE LINE
CR.	CREEK	R.C.C.P.	REINFORCED CONCRETE CULVERT PIPE
CY	CUBIC YARD	REQ'D	REQUIRED
C&G	CURB AND GUTTER	RT	RIGHT
D	DEGREE OF CURVE	R/W	RIGHT OF WAY
D.H.V.	DESIGN HOURLY VOLUME	RD.	ROAD
D.D.	DIRECTIONAL DISTRIBUTION	SHLD.	SHOULDER(S)
EA	EACH	S	SOUTH
E	EAST	SB	SOUTHBOUND
EB	EASTBOUND	S.F.	SQUARE FOOT (FEET)
ELEC.	ELECTRIC(AL), ELEC. CABLE	SDD	STANDARD DETAIL DRAWING(S)
EL., ELEV.	ELEVATION	STH	STATE TRUNK HIGHWAY
ESALS	EQUIVALENT SINGLE AXLE LOADS	STA.	STATION
EXC.	EXCAVATION	S.E.	SUPERELEVATION
EXIST	EXISTING	S.I.	SLOPE INTERCEPT
F.E.	FIELD ENTRANCE	T.	PERCENT TRUCKS
CWT	HUNDRED WEIGHT	TEL.	TELEPHONE
IH	INTERSTATE HIGHWAY	T.L.E.	TEMPORARY LIMITED EASEMENT
LT	LEFT	TYP	TYPICAL
L.	LENGTH OF CURVE	VAR	VARIABLE
L.F.	LINEAR FOOT(FEET)	W	WEST
LC.	LONG CHORD	WB	WESTBOUND
LS	LUMP SUM		

BEGIN PROJECT 1370-00-76/77
STA 70+52.79
BEGIN RECONSTRUCT
STH 16 EB

DODGE COUNTY
JEFFERSON COUNTY

TOWN
OF
WATERTOWN

END PROJECT 1300-00-76/77
BEGIN PROJECT 1300-00-73
STA 86+14.27
END RECONSTRUCT
BEGIN PAVEMENT REPLACEMENT
STH 16 EB

OAK HILL RD 'OH'
'OH'
'RW'
'RE'
'X'
180'X'
65'
80
'RW'
E MAIN ST
'RE' & 'RW'
'RE'
'CR'
206'X'
STH 16 EB
STH 19 WB ('Y')
STH 16
WB ('X')
220'X'
100
STH 19/
BUS 16/
SUMMIT AVE
'Y' & 'Z'
100'Z'
110'Z'
120
STRUCTURE B-28-0022
BEGIN CONSTRUCTION
STA 93+11'Z'
STH 19 EB
ROCK
RIVER

UNNAMED WATERWAY
'A'
240'X'
140
160
GOPHER HILL RD 'A'
ASH RD 'B'
'B'
E GATE DR 'C'
180
'C'
BEGGAN LN 'D'
'D'
200
220
UNNAMED WATERWAY
HUSTISFORD RD 'E'
240
'E'
WETLAND BOUNDARY (TYP)
UNNAMED WATERWAY
T-BAR LN 'F'
'F'
260
MAIN ST (CTH SC) 'G'
'G'
280
300
320
UNNAMED WATERWAY
CHICAGO, MILWAUKEE, ST. PAUL
& PACIFIC RAILROAD COMPANY
'H'
HILLTOP RD 'H'
340
HIGHVIEW RD 'I'
'I'
HAWTHORNE DR 'J'
'J'
360
MARIETTA AVE
NORTH RD
N

2

TOWN
OF
IXONIA

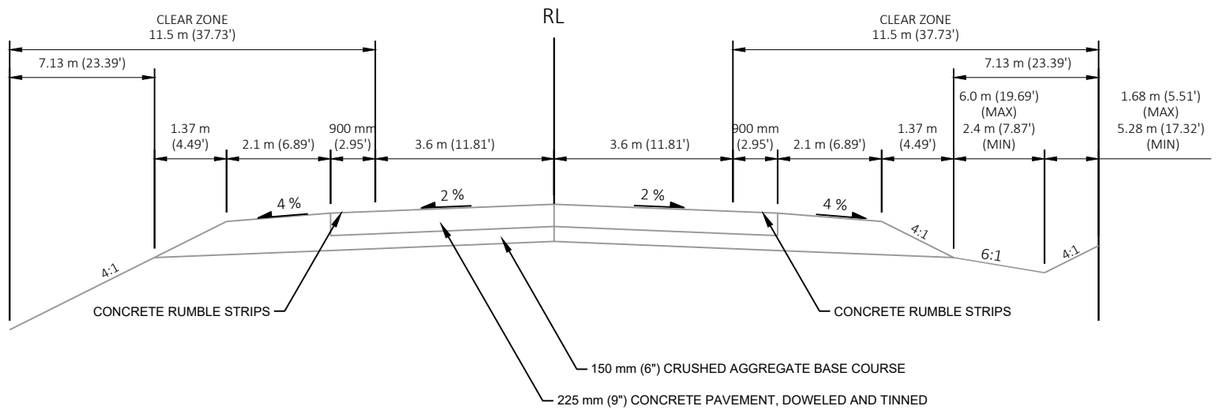
WETLAND BOUNDARY (TYP)

STA 403+93
END PAVEMENT REPLACEMENT
BEGIN MILL AND OVERLAY

HUSTISFORD RD 'E'
'E'
240
UNNAMED WATERWAY
T-BAR LN 'F'
'F'
260
MAIN ST (CTH SC) 'G'
'G'
280
300
320
CHICAGO, MILWAUKEE, ST. PAUL
& PACIFIC RAILROAD COMPANY
UNNAMED WATERWAY
'H'
HILLTOP RD 'H'
340
HIGHVIEW RD 'I'
HAWTHORNE DR 'J'
'I'
'J'
360
MARIETTA AVE 'I'
UNNAMED WATERWAY
'K'
380
NORTH RD 'K'
NORTH ST 'K'
400
'FS'
'WB'
'FS'
'GL'
'FN'
'WB'
'FR'
'FN'
420
AMERICAN ST (CTH F)
'FS' & 'FN'
UNNAMED WATERWAY
RIVER VALLEY RD 'L'
'L'
440
STA 421+27
END MILL AND OVERLAY
BEGIN PAVEMENT REPLACEMENT
ROCK RIVER RD 'M'
'M'
460
480
'M'
494
OLD HI-WAY LN 'M'
STRUCTURE
B-28-0012
ROCK
RIVER
END PROJECT 1370-00-73
STA 483+85.13
END PAVEMENT REPLACEMENT
N

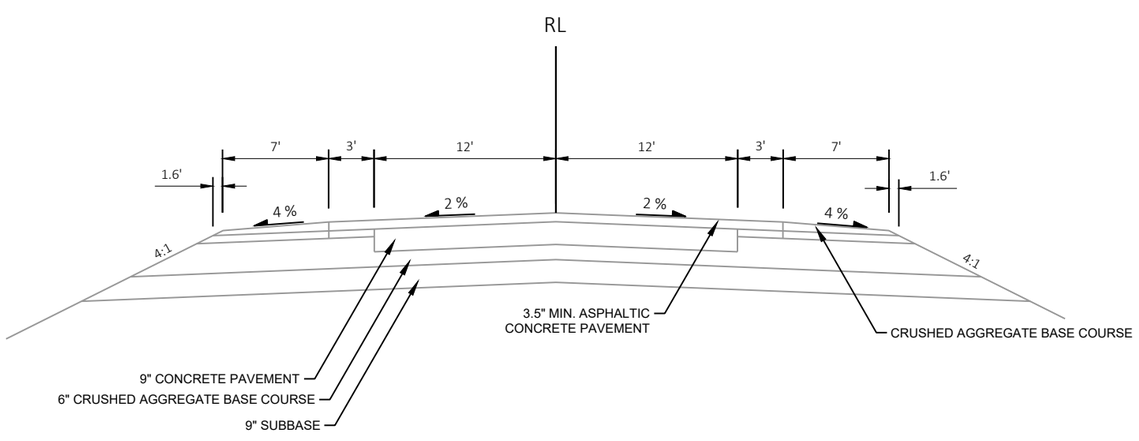
PROJECT NO: 1370-00-73/76/77	HWY: STH 16	COUNTY: JEFFERSON	PROJECT OVERVIEW	SHEET 3	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020201-PO.DWG
LAYOUT NAME - 020200-po
PLOT DATE : 7/10/2024 5:04 PM
PLOT BY : JORDYN BENN
PLOT NAME :
PLOT SCALE : 1 IN:2000 FT
WISDOT/CADDS SHEET 44



TYPICAL EXISTING SECTION

STH 16
STA. 70+53 TO STA. 75+71

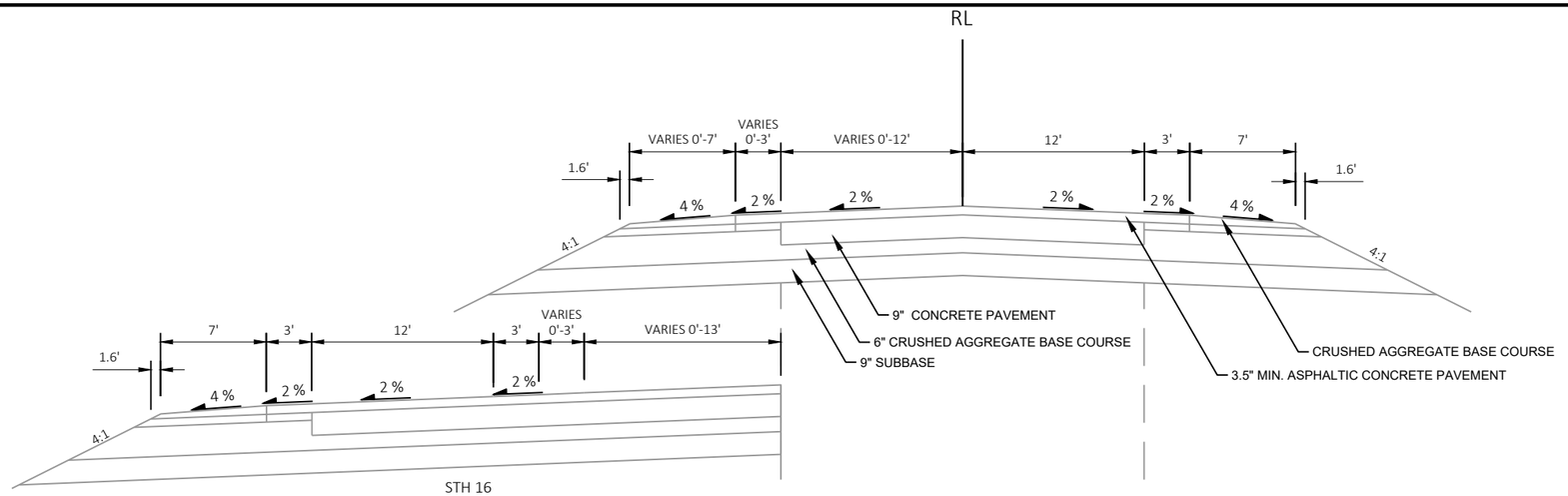


TYPICAL EXISTING SECTION

STH 16
STA. 75+71 TO STA. 90+84

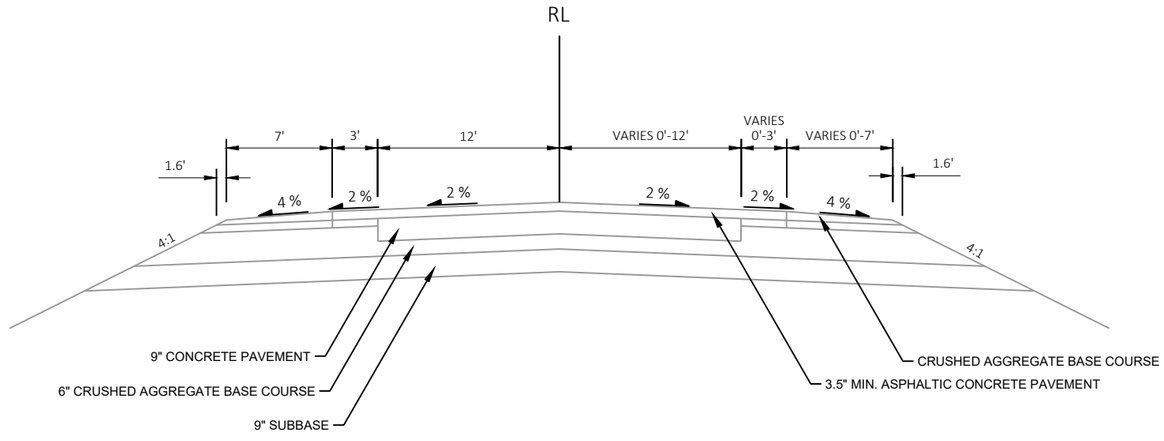
NOTE: EXISTING UNDERLYING CONCRETE PAVEMENT MAY CONTAIN REINFORCEMENT. ALL COSTS ASSOCIATED WITH REMOVAL AND DISPOSAL SHALL BE CONSIDERED INCIDENTAL TO THE REMOVING PAVEMENT ITEM. ALL EXISTING PAVEMENT THICKNESS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED. ANY ADDITIONAL WORK DUE TO VARYING THICKNESS WILL BE CONSIDERED INCIDENTAL TO THE AFFECTED WORK ITEM(S).

2



TYPICAL EXISTING SECTION

STH 16 EASTBOUND RAMP
STA. 90+84 TO STA. 105+39 (STR. B-28-0022)

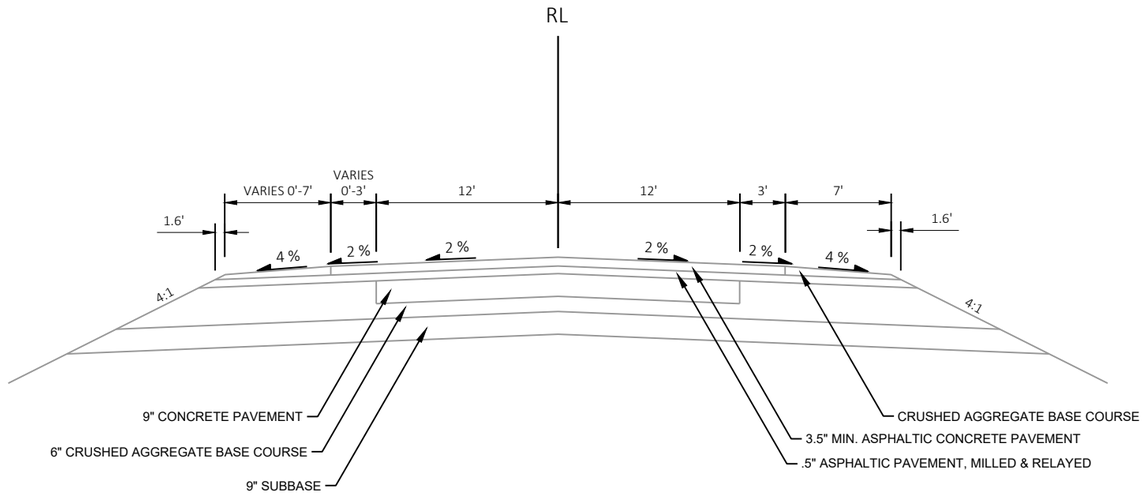


TYPICAL EXISTING SECTION

STH 16 EASTBOUND RAMP
STA. 107+12 (STR. B-28-0022) TO STA. 116+40

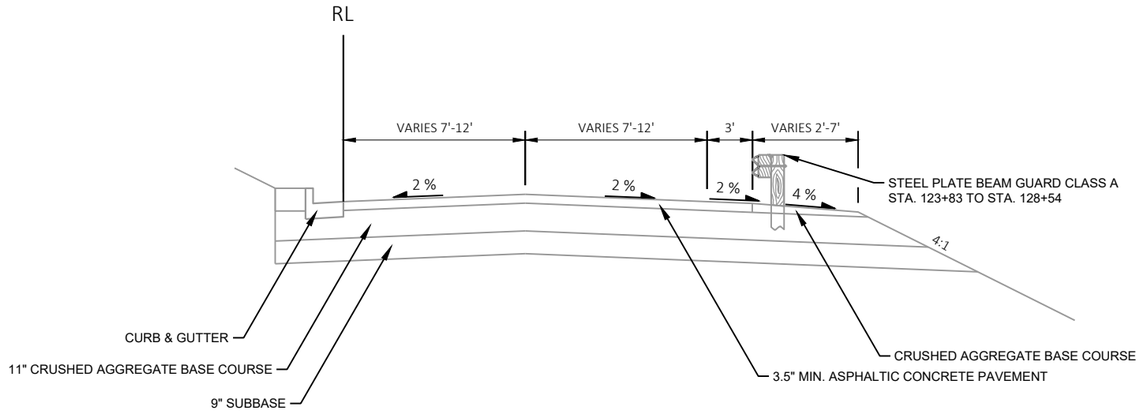
PROJECT NO: 1370-00-73/76	HWY: STH 16	COUNTY: JEFFERSON	EXISTING TYPICAL SECTIONS	SHEET 5	E

2



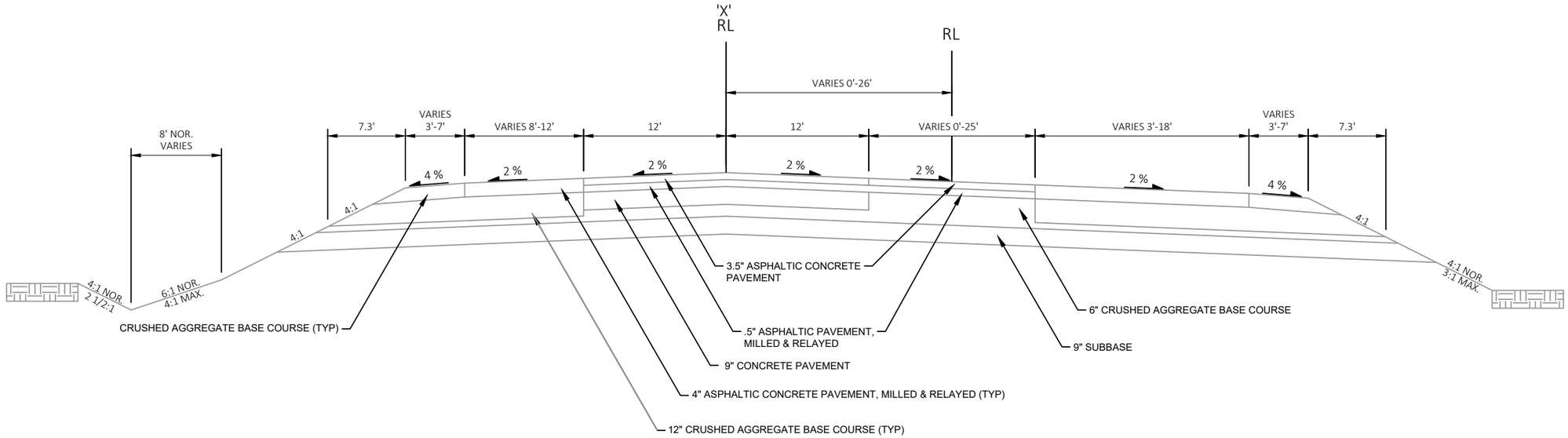
TYPICAL EXISTING SECTION

STH 16 EASTBOUND RAMP
STA. 116+40 TO STA. 123+83



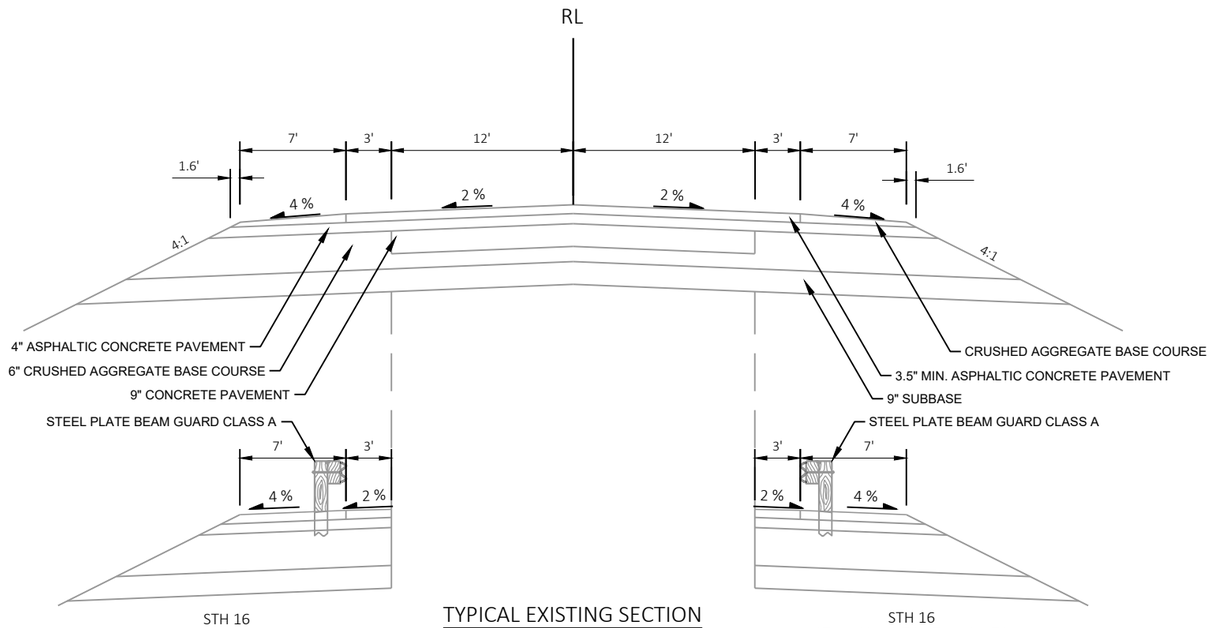
TYPICAL EXISTING SECTION

STH 16 EB
STA. 123+83 TO STA. 130+64



TYPICAL EXISTING SECTION

STH 16 - GOPHER HILL ROAD
STA. 130+64 TO STA. 139+23



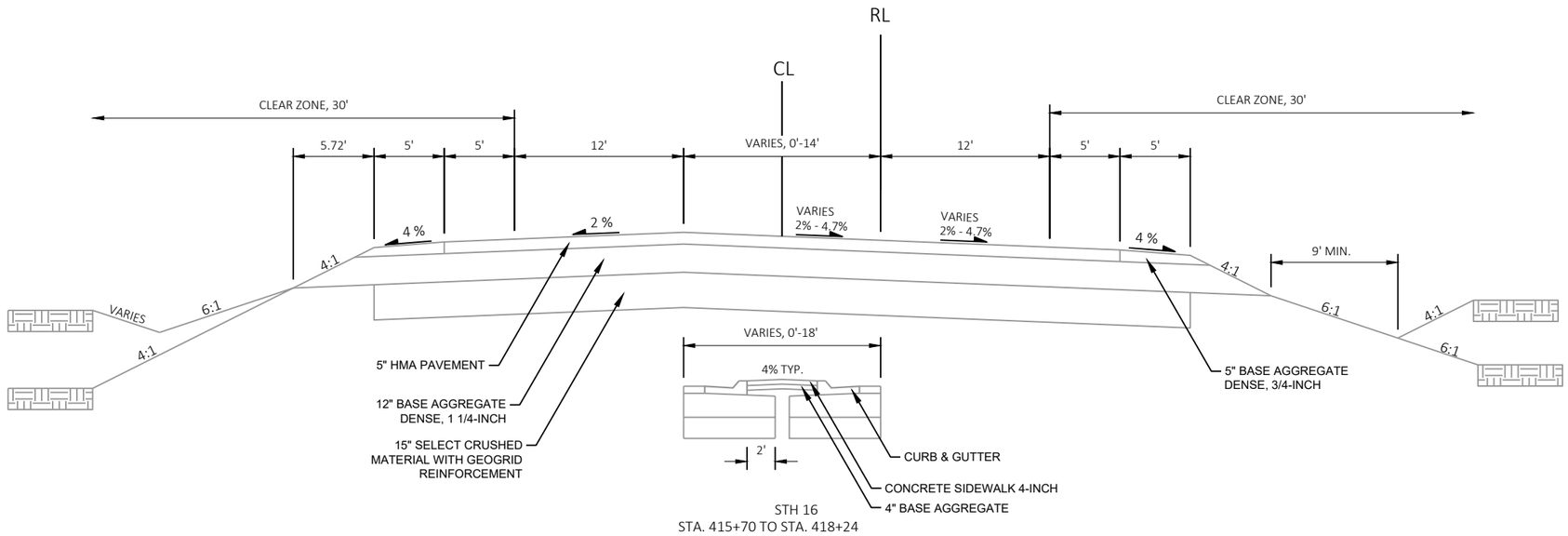
STH 16
STA. 463+14 TO STA. 464+42
STA. 467+02 TO STA. 468+30

TYPICAL EXISTING SECTION

STH 16
STA. 139+23 TO STA. 403+93
STA. 421+28 TO STA. 464+60 (B-28-0012)
STA. 467+20 (B-28-0012) TO STA. 492+38

STH 16
STA. 463+43 TO STA. 464+79
STA. 467+38 TO STA. 468+69

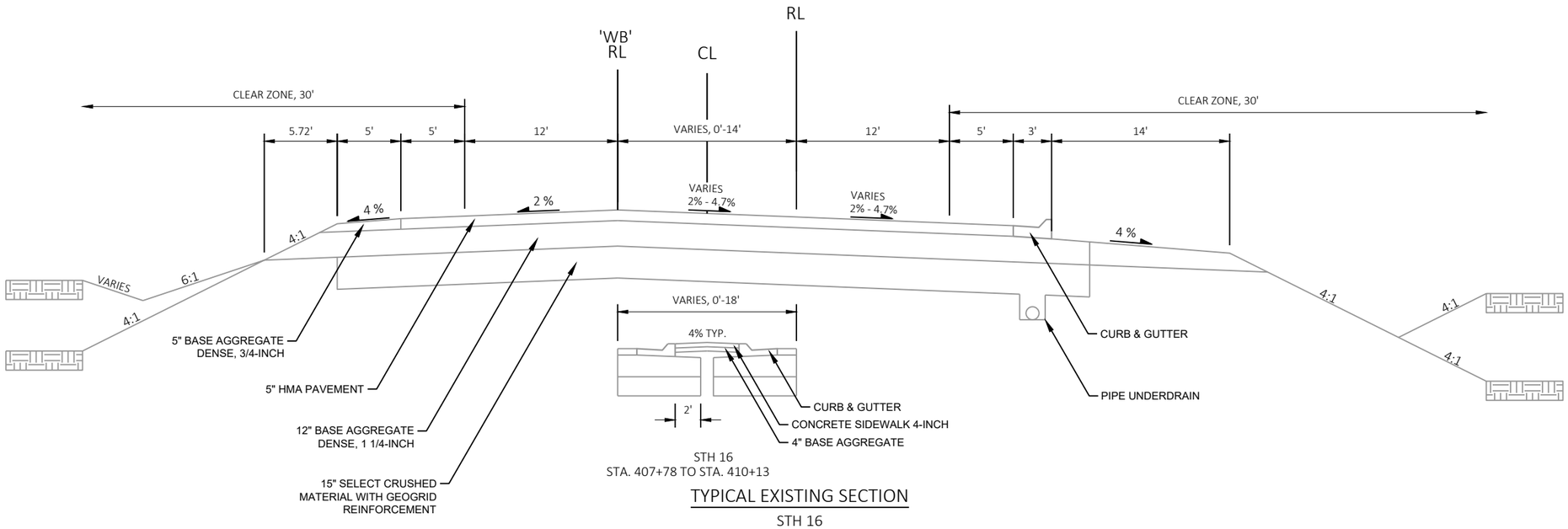
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	EXISTING TYPICAL SECTIONS	SHEET 7	E



STH 16
STA. 415+70 TO STA. 418+24

TYPICAL EXISTING SECTION

STH 16
STA. 403+93 TO STA. 405+38
STA. 415+70 TO STA. 421+28

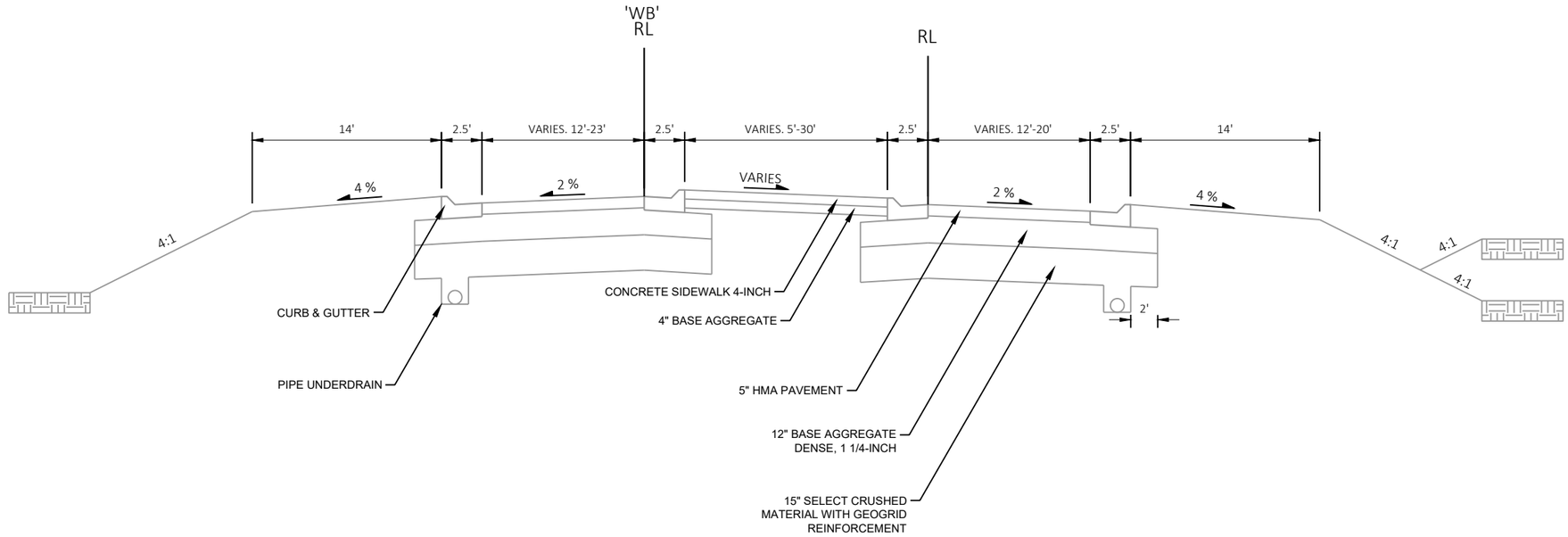


STH 16
STA. 407+78 TO STA. 410+13

TYPICAL EXISTING SECTION

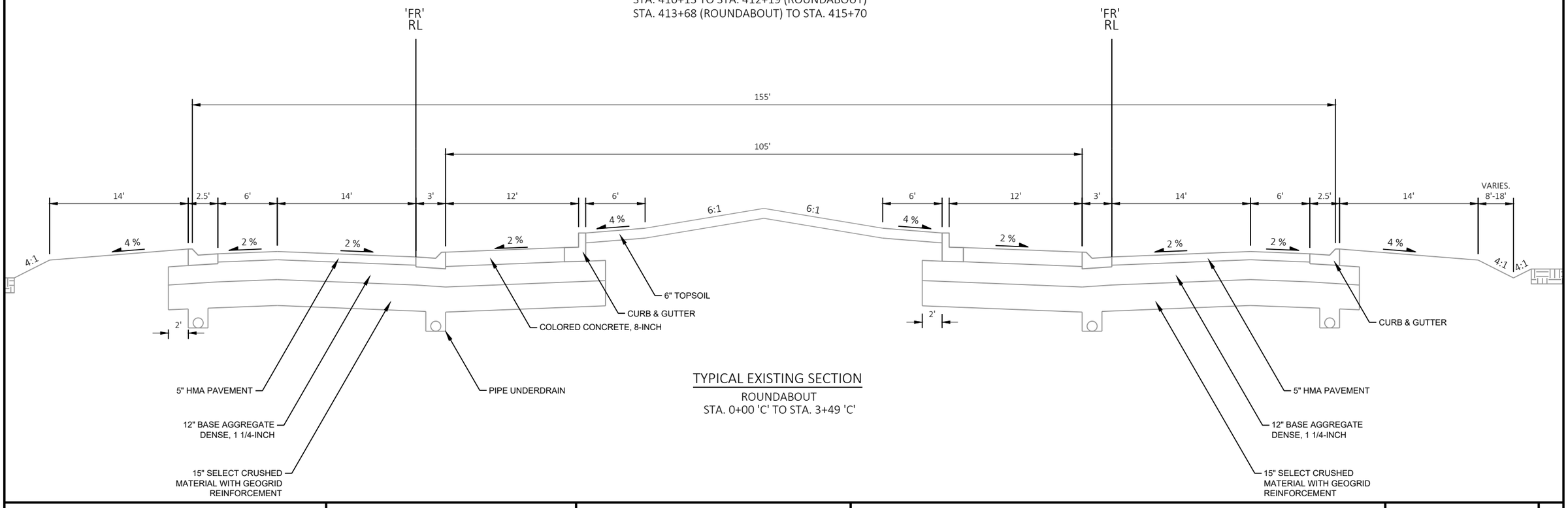
STH 16
STA. 405+38 TO STA. 410+13

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	EXISTING TYPICAL SECTIONS	SHEET 8	E



TYPICAL EXISTING SECTION

STH 16
STA. 410+13 TO STA. 412+19 (ROUNDABOUT)
STA. 413+68 (ROUNDABOUT) TO STA. 415+70

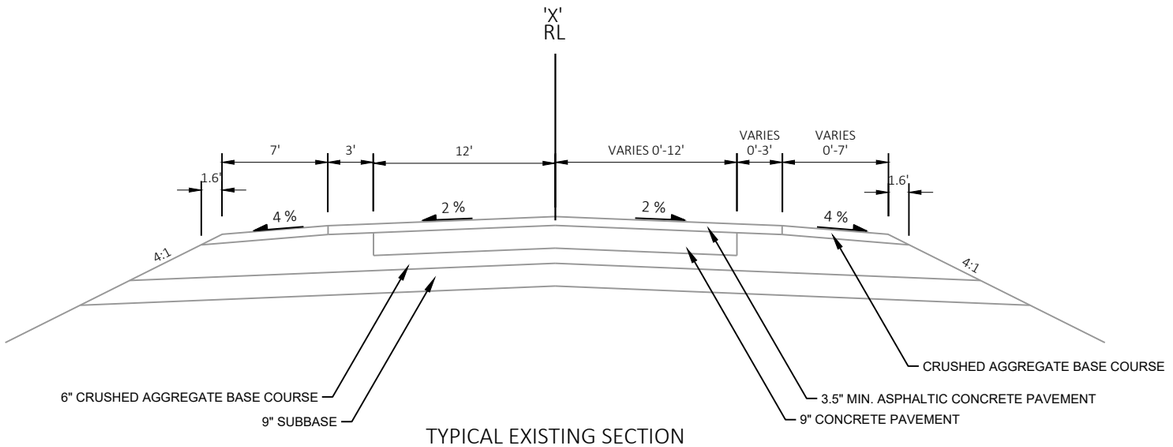


TYPICAL EXISTING SECTION

ROUNDABOUT
STA. 0+00 'C' TO STA. 3+49 'C'

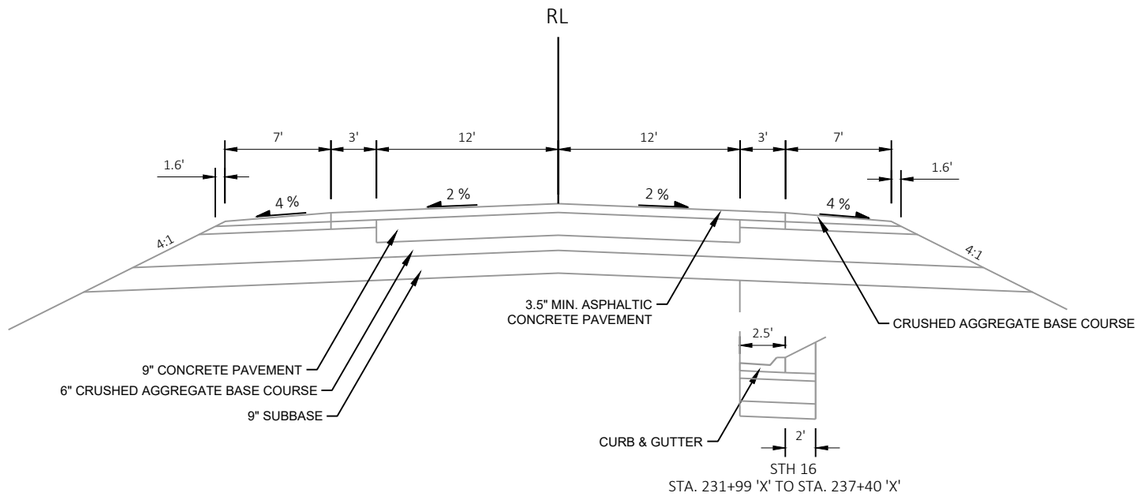
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	EXISTING TYPICAL SECTIONS	SHEET 9	E

2



TYPICAL EXISTING SECTION

STH 16 WB
STA. 203+21 'X' TO STA. 209+34 'X'

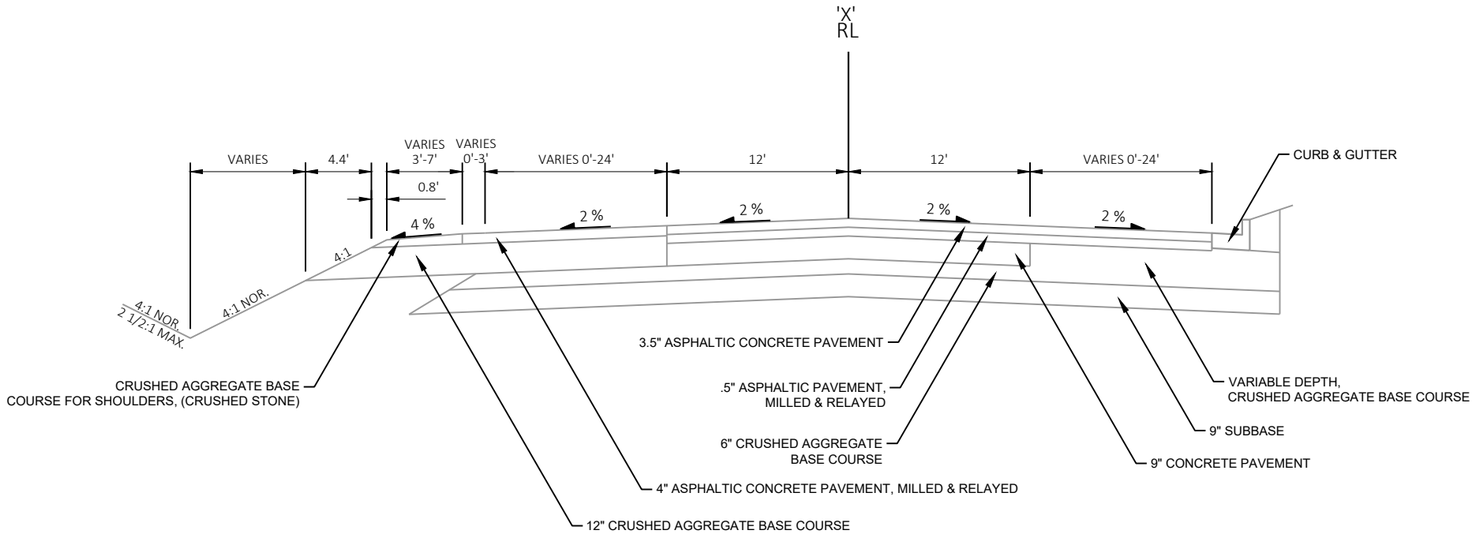


STH 16
STA. 231+99 'X' TO STA. 237+40 'X'

TYPICAL EXISTING SECTION

STH 16 WB
STA. 209+34 'X' TO STA. 237+40 'X'

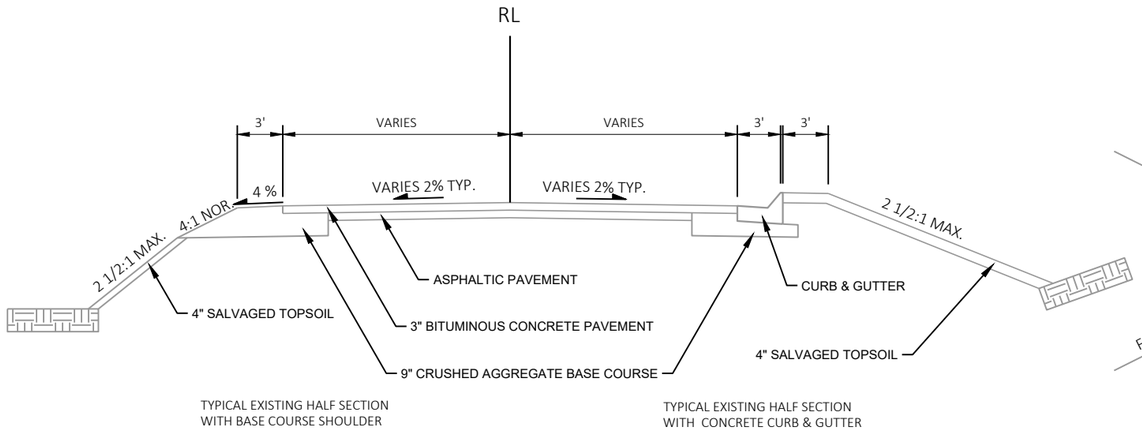
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	EXISTING TYPICAL SECTIONS	SHEET 10	E



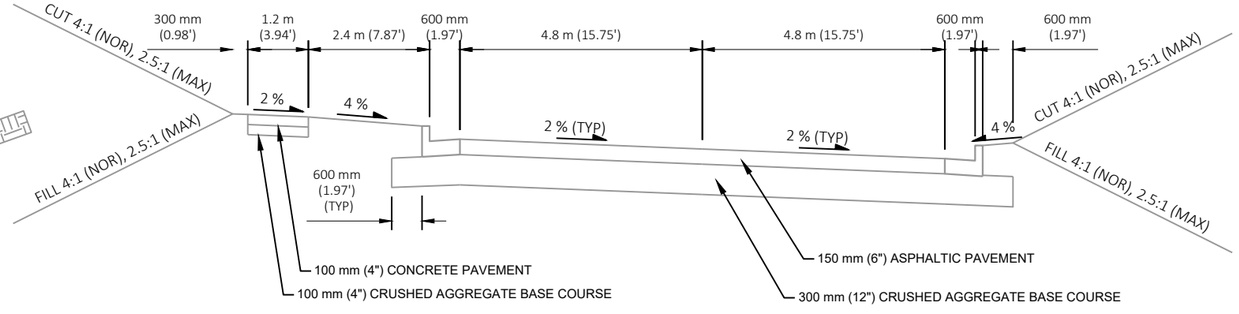
TYPICAL EXISTING SECTION

STH 16 WB

STA. 237+40 'X' TO STA. 238+50 'X' (TO MEDIAN NOSE)



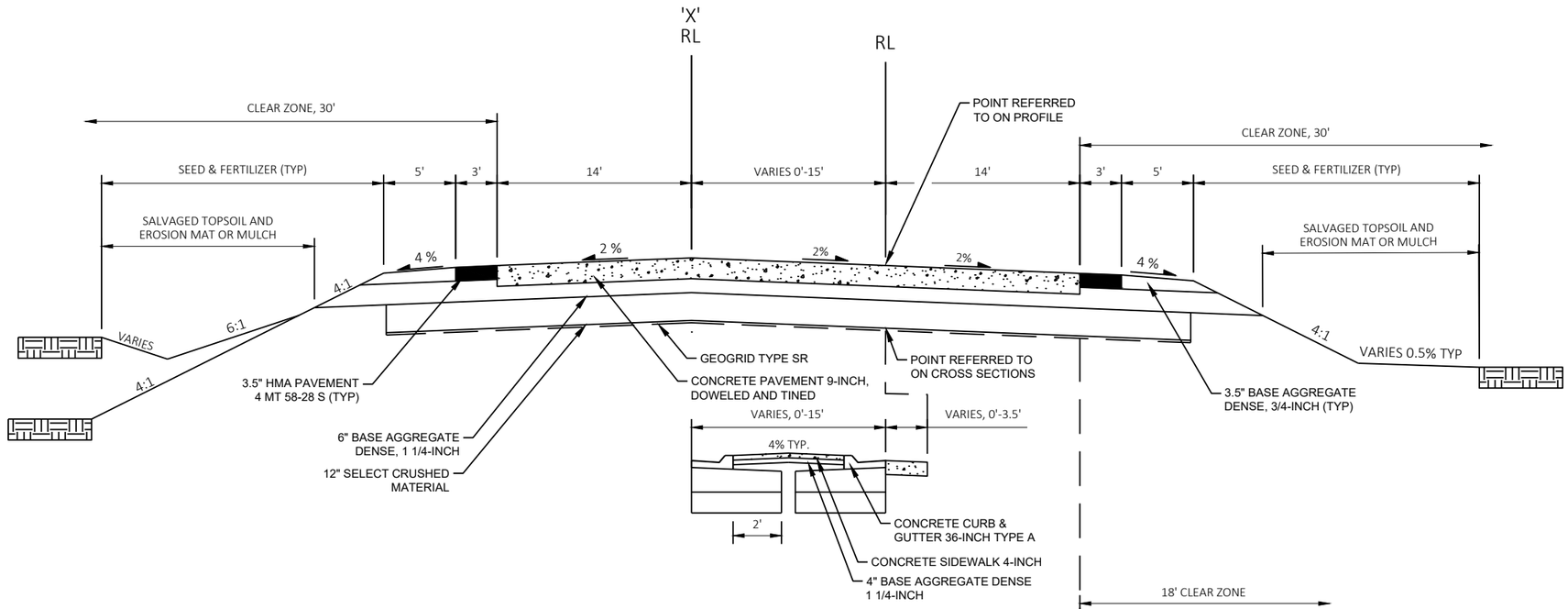
TYPICAL EXISTING SECTION FOR SIDE ROADS



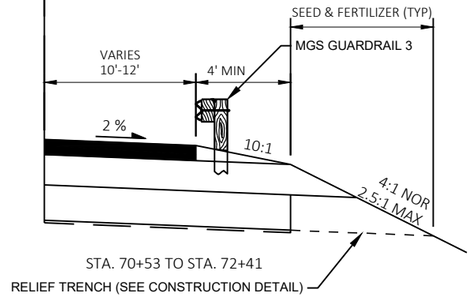
TYPICAL EXISTING SECTION

FRONTAGE ROAD

PROJECT NO: 1370-00-73/76	HWY: STH 16	COUNTY: JEFFERSON	EXISTING TYPICAL SECTIONS	SHEET 11	E



STA. 73+59 TO STA. 74+11
STA. 78+23 TO STA. 80+35

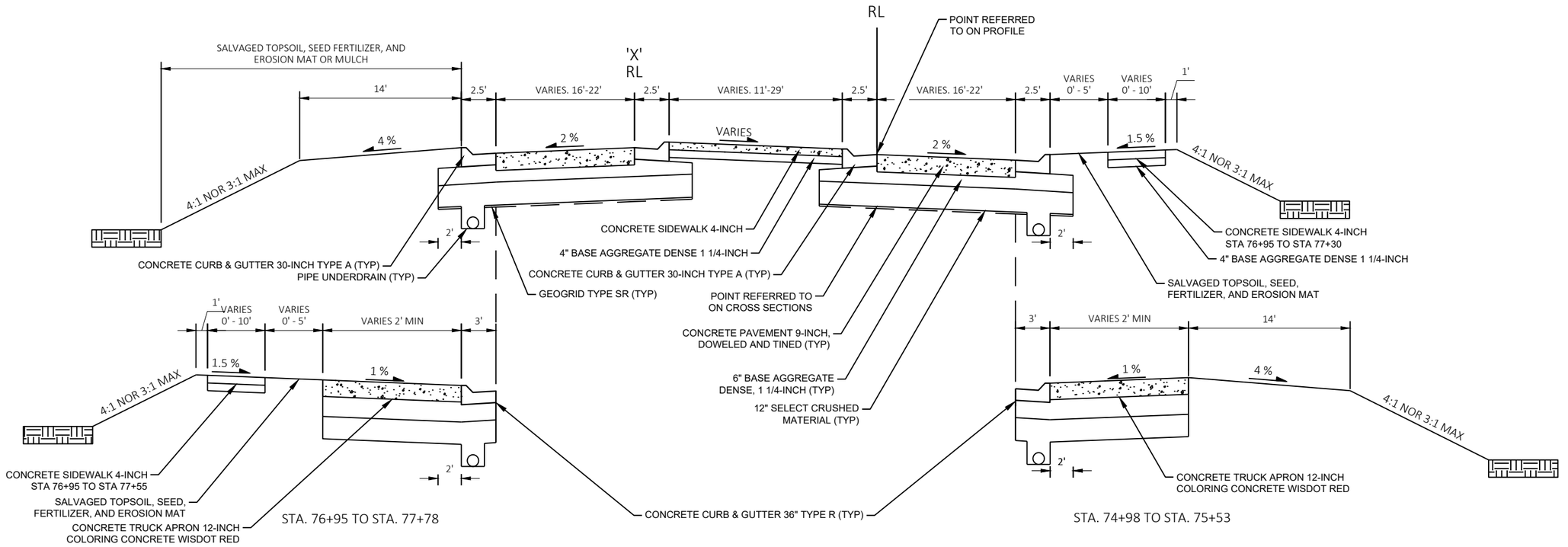


STA. 70+53 TO STA. 72+41
RELIEF TRENCH (SEE CONSTRUCTION DETAIL)

TYPICAL FINISHED SECTION

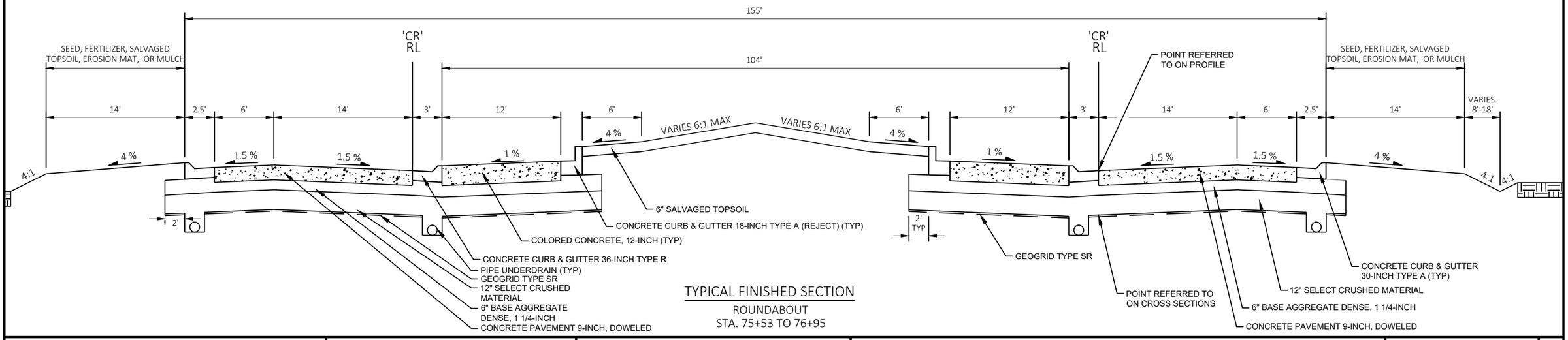
STH 16 EB
STA. 70+53 TO STA. 74+11
STA. 78+23 TO STA. 84+25

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	PROPOSED TYPICAL SECTIONS	SHEET 12	E



TYPICAL FINISHED SECTION

STH 16 EB
STA. 74+11 TO STA. 75+53 (ROUNDABOUT)
STA. 76+95 (ROUNDABOUT) TO STA. 78+23

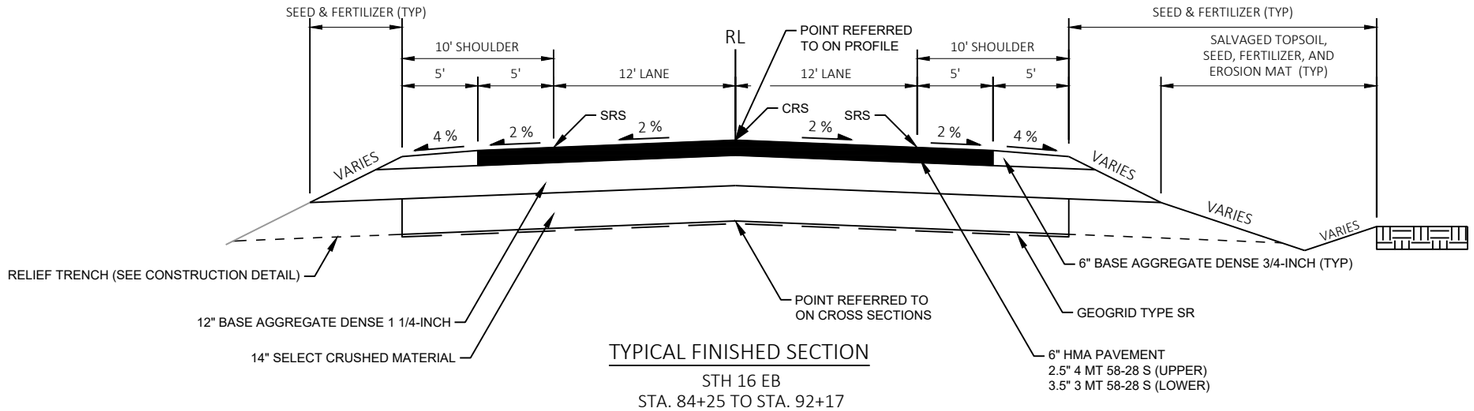


TYPICAL FINISHED SECTION

ROUNDABOUT
STA. 75+53 TO 76+95

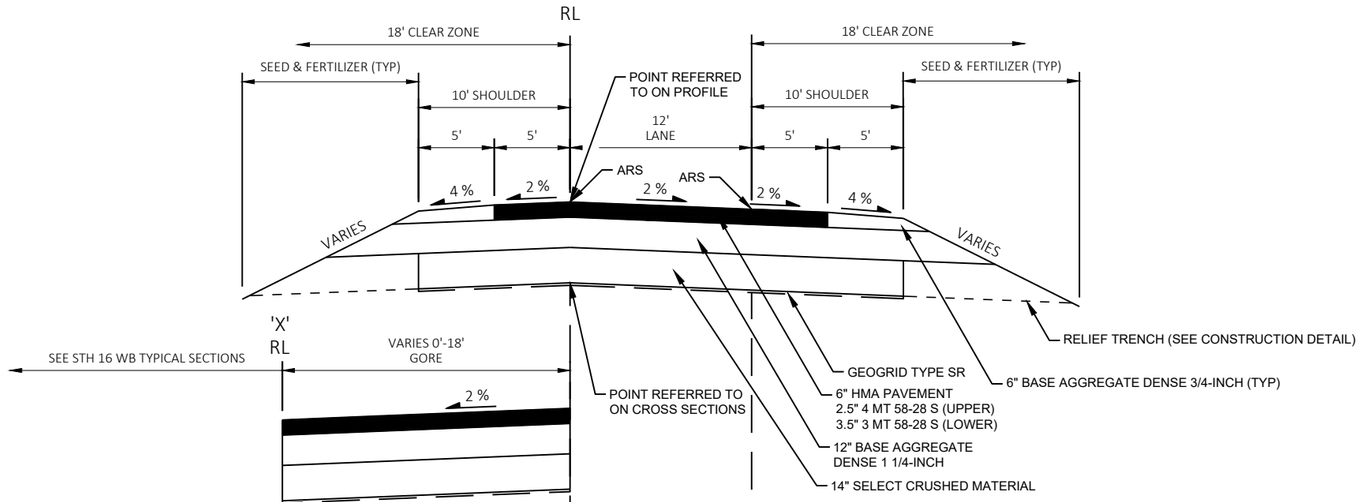
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	PROPOSED TYPICAL SECTIONS	SHEET 13 E

2

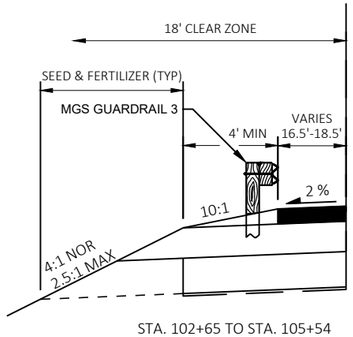


TYPICAL FINISHED SECTION

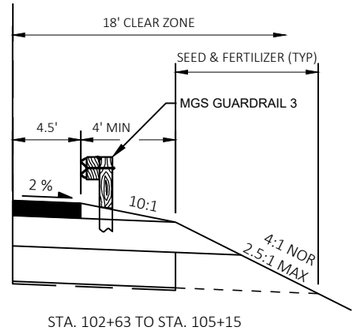
STH 16 EB
STA. 84+25 TO STA. 92+17



STA. 92+17 TO STA. 94+35



STA. 102+65 TO STA. 105+54



STA. 102+63 TO STA. 105+15

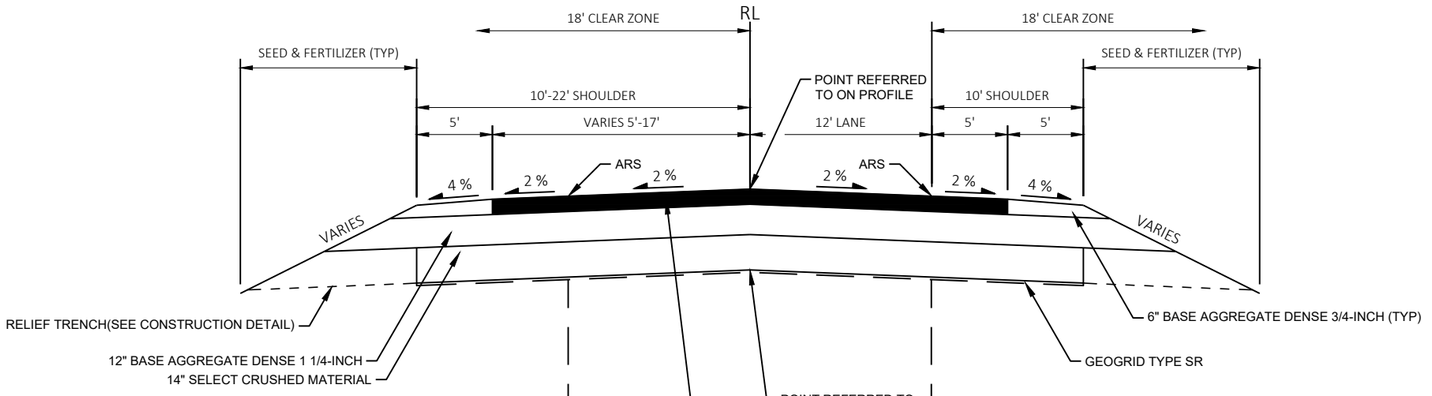
TYPICAL FINISHED SECTION

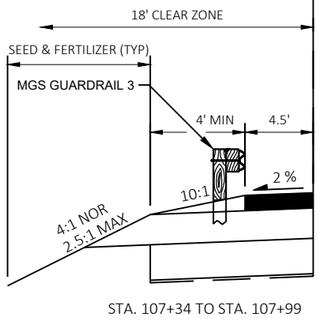
STH 16 EB
STA. 92+17 TO STA. 105+39

LEGEND

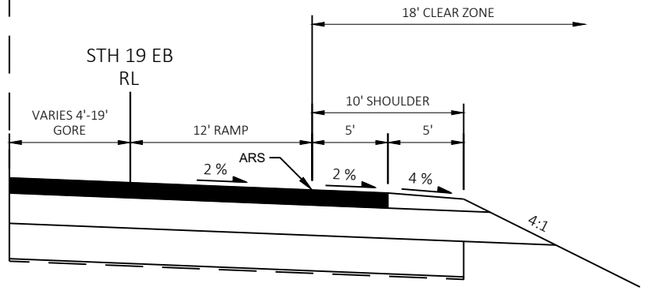
ARS=ASPHALTIC RUMBLE STRIPS, SHOULDER DIVIDED ROADWAY
CRS=ASPHALTIC RUMBLE STRIPS, CENTERLINE
SRS=ASPHALTIC RUMBLE STRIPS, SHOULDER

PROJECT NO: 1370-00-73/76	HWY: STH 16	COUNTY: JEFFERSON	PROPOSED TYPICAL SECTIONS	SHEET 14	E





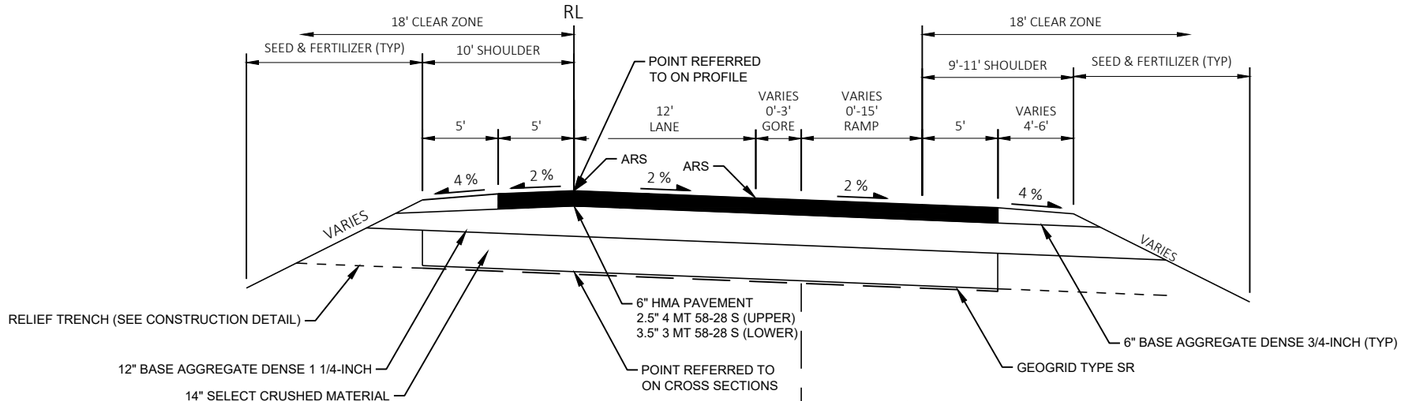
STA. 107+34 TO STA. 107+99

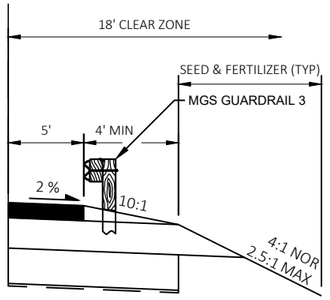


STA. 113+63 TO STA. 116+24

TYPICAL FINISHED SECTION

STH 16 EB
STA. 107+12 TO STA. 116+24





STA. 122+53 TO STA. 122+90

TYPICAL FINISHED SECTION

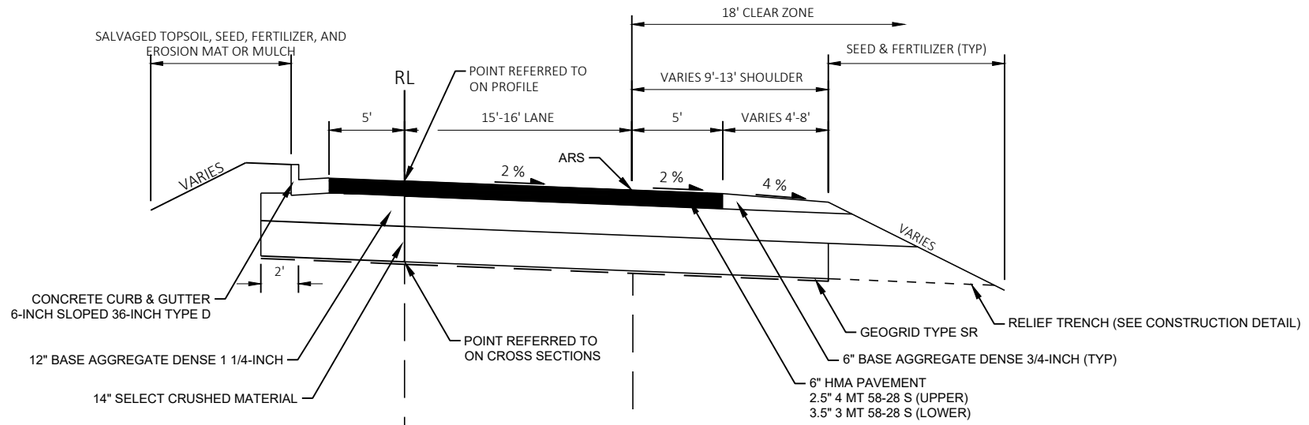
STH 16 EB
STA. 116+24 TO STA. 122+90

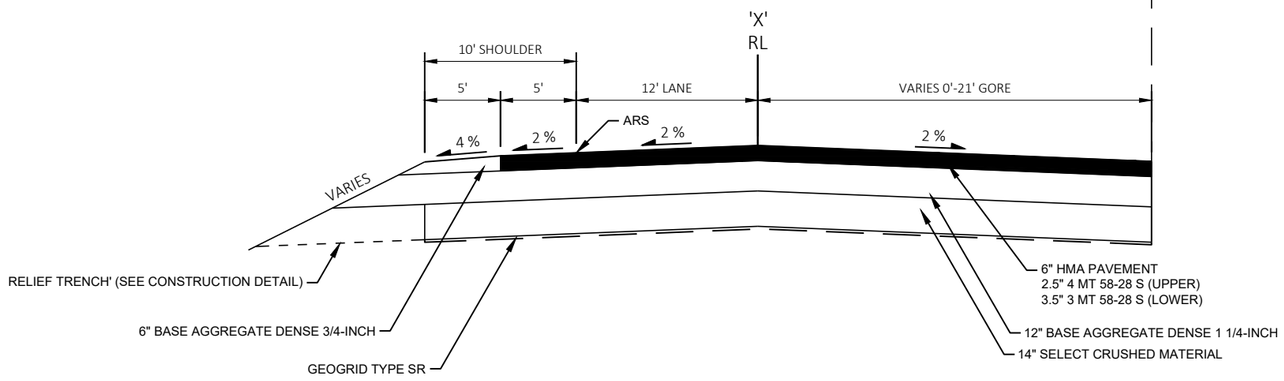
LEGEND

ARS=ASPHALTIC RUMBLE STRIPS, SHOULDER DIVIDED ROADWAY
CRS=ASPHALTIC RUMBLE STRIPS, CENTERLINE
SRS=ASPHALTIC RUMBLE STRIPS, SHOULDER

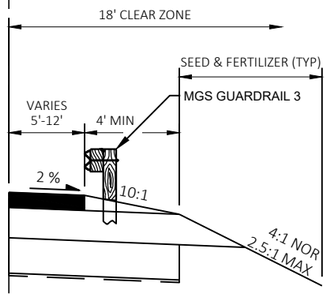
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PROPOSED TYPICAL SECTIONS	SHEET 15	E

2

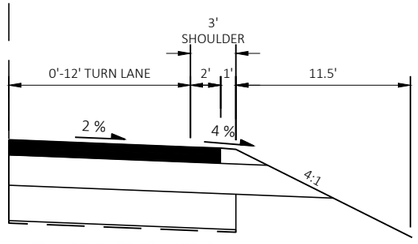




STH 16
STA. 132+54 TO STA. 134+84



STA. 122+90 TO STA. 128+54



STA. 129+64 TO STA. 133+54

TYPICAL FINISHED SECTION

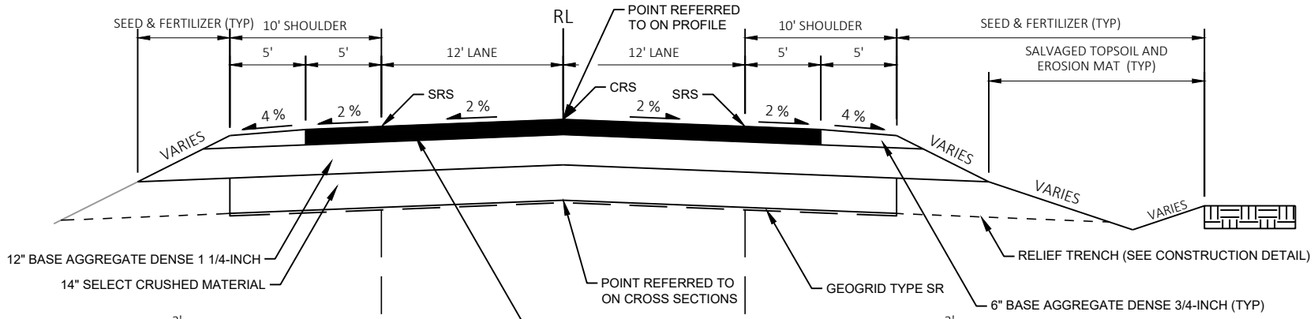
STH 16 EB
STA. 122+90 TO STA. 134+84

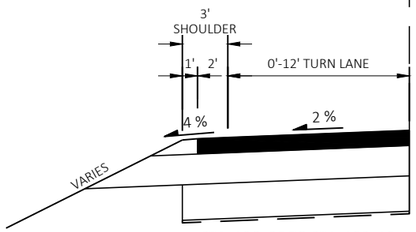
LEGEND

ARS=ASPHALTIC RUMBLE STRIPS, SHOULDER DIVIDED ROADWAY
CRS=ASPHALTIC RUMBLE STRIPS, CENTERLINE
SRS=ASPHALTIC RUMBLE STRIPS, SHOULDER

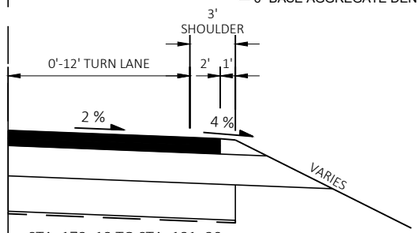
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PROPOSED TYPICAL SECTIONS	SHEET 16	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020313-ts 1in-10ft
PLOT DATE : 11/19/2024 1:32 PM
PLOT BY : JORDYN BENN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

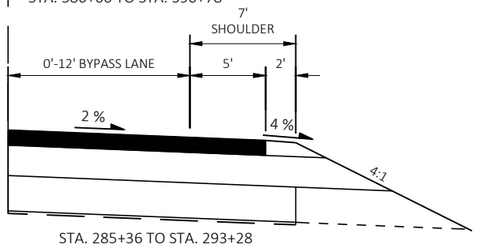




STA. 136+06 TO STA. 139+19
STA. 182+25 TO STA. 185+37
STA. 204+31 TO STA. 207+43
STA. 244+03 TO STA. 248+15
STA. 266+88 TO STA. 270+00
STA. 289+81 TO STA. 293+94
STA. 354+41 TO STA. 357+55
STA. 370+00 TO STA. 373+13
STA. 391+89 TO STA. 395+98



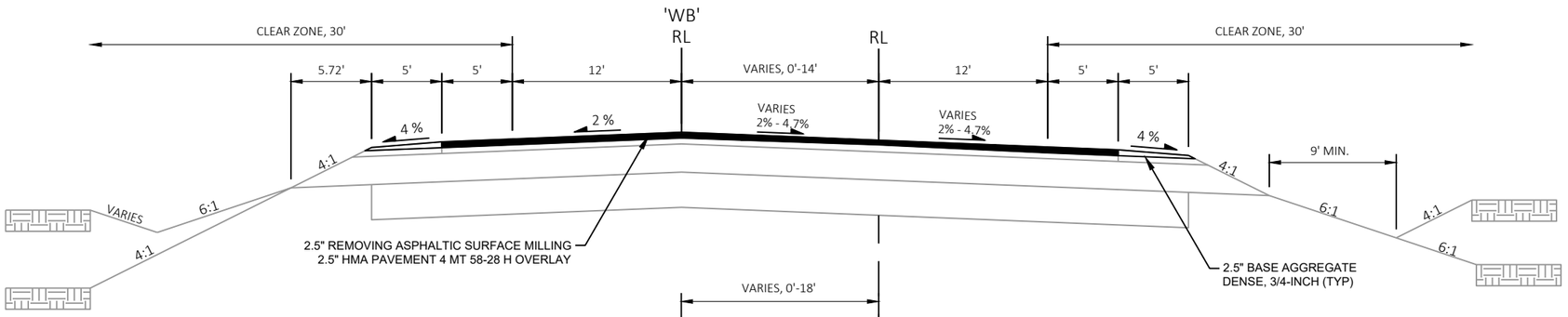
STA. 178+18 TO STA. 181+30
STA. 238+53 TO STA. 242+65
STA. 330+22 TO STA. 333+35
STA. 350+17 TO STA. 353+24
STA. 386+66 TO STA. 390+78



STA. 285+36 TO STA. 293+28

TYPICAL FINISHED SECTION

STH 16 EB
STA. 134+84 TO STA. 403+93



STA. 415+71 TO STA. 418+21

TYPICAL FINISHED SECTION

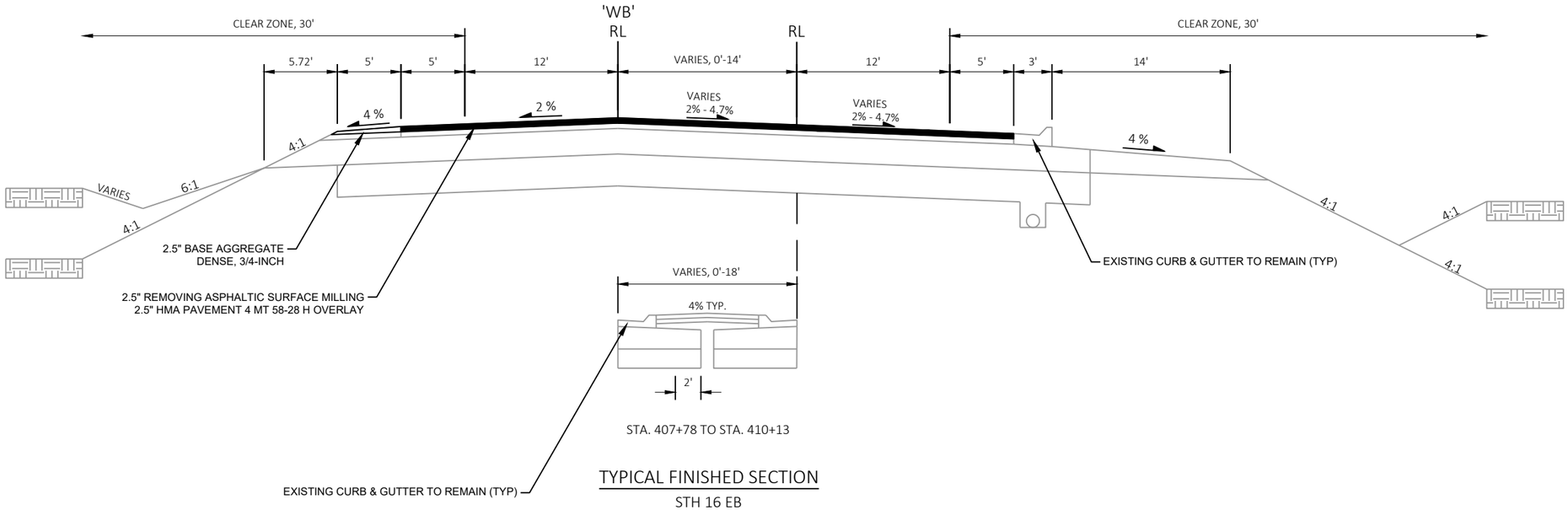
STH 16 EB
STA. 403+93 TO STA. 405+43
STA. 415+71 TO STA. 421+27

LEGEND

CRS=ASPHALTIC RUMBLE STRIPS, CENTERLINE
SRS=ASPHALTIC RUMBLE STRIPS, SHOULDER

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PROPOSED TYPICAL SECTIONS	SHEET 17	E

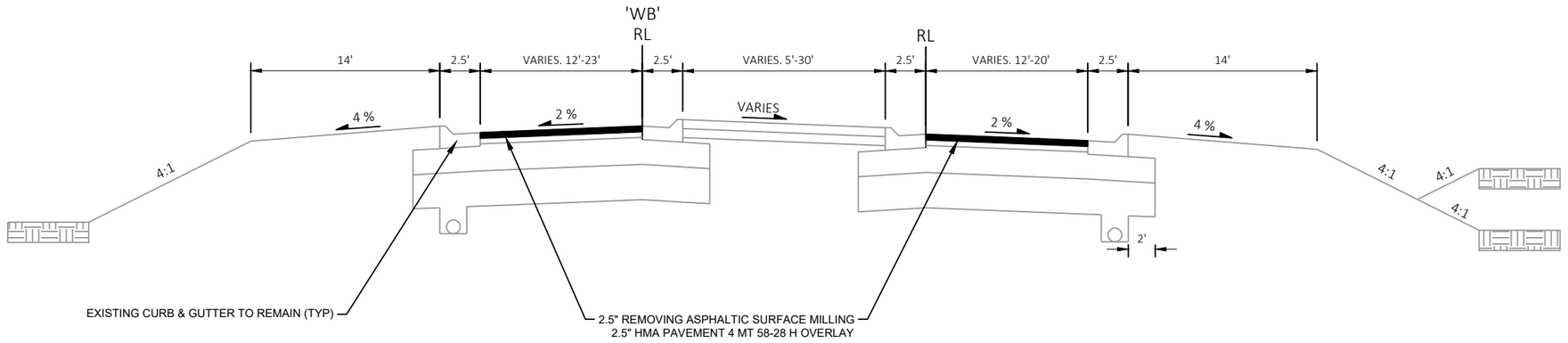
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020314-ts 1in-10ft
PLOT DATE : 11/19/2024 1:32 PM
PLOT BY : JORDYN BENN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



STA. 407+78 TO STA. 410+13

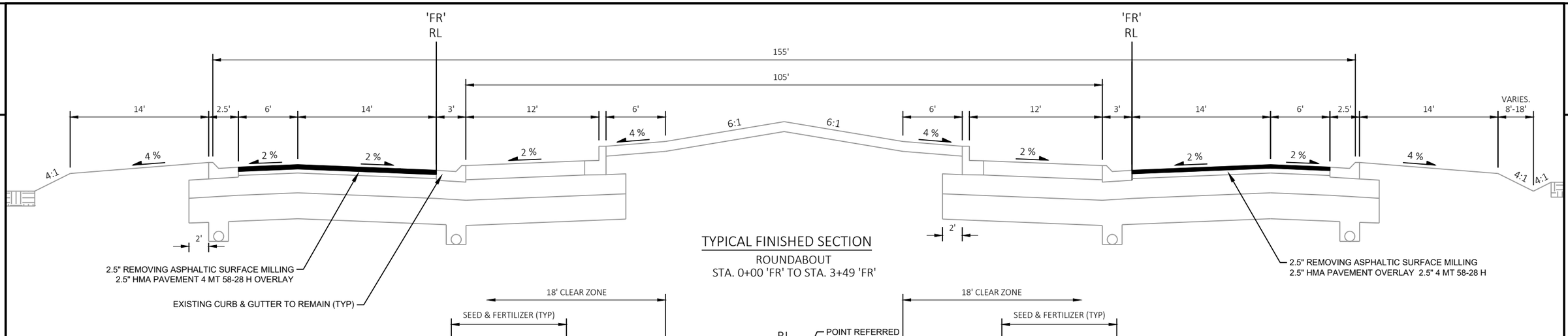
TYPICAL FINISHED SECTION

STH 16 EB
STA. 405+43 TO STA. 410+83



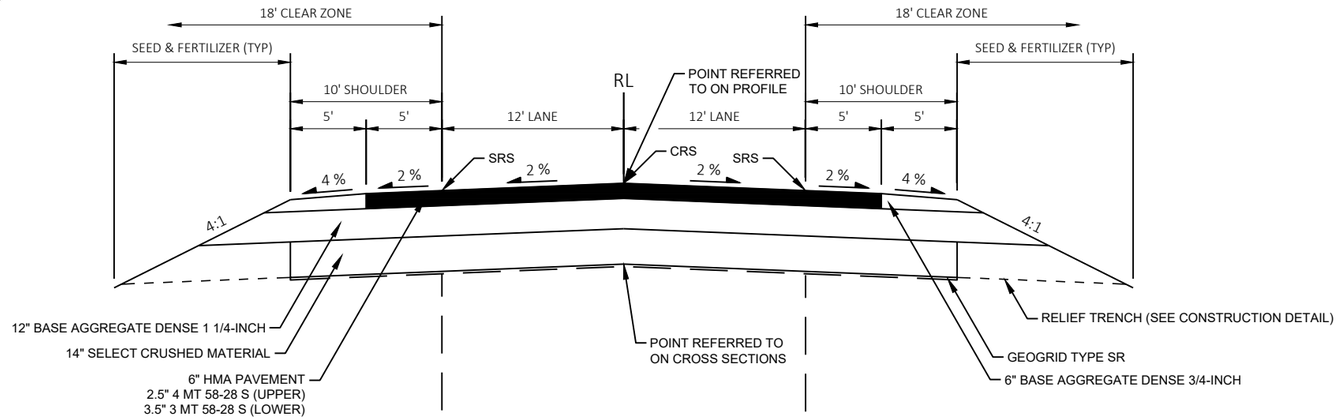
TYPICAL FINISHED SECTION

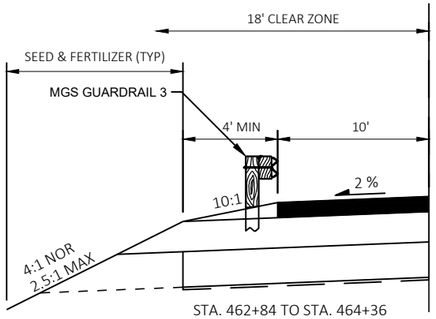
STH 16 EB
STA. 410+83 TO STA. 412+19 (ROUNDABOUT)
STA. 413+68 (ROUNDABOUT) TO STA. 415+71



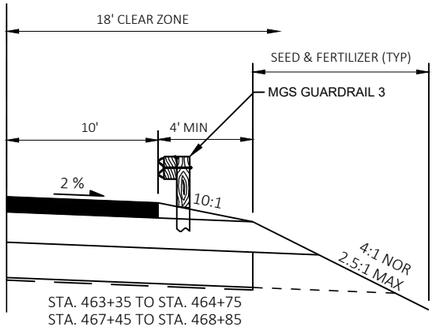
TYPICAL FINISHED SECTION

ROUNDABOUT
STA. 0+00 'FR' TO STA. 3+49 'FR'

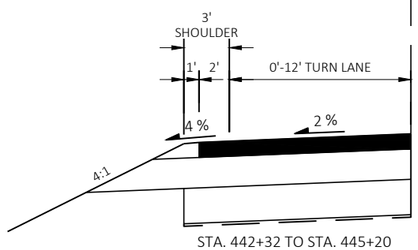




STA. 462+84 TO STA. 464+36
STA. 467+06 TO STA. 468+46



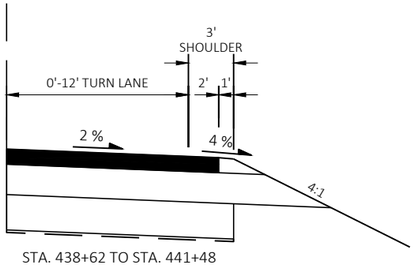
STA. 463+35 TO STA. 464+75
STA. 467+45 TO STA. 468+85



STA. 442+32 TO STA. 445+20

TYPICAL FINISHED SECTION

STH 16 EB
STA. 421+27 TO STA. 464+60
STA. 467+20 TO STA. 479+96

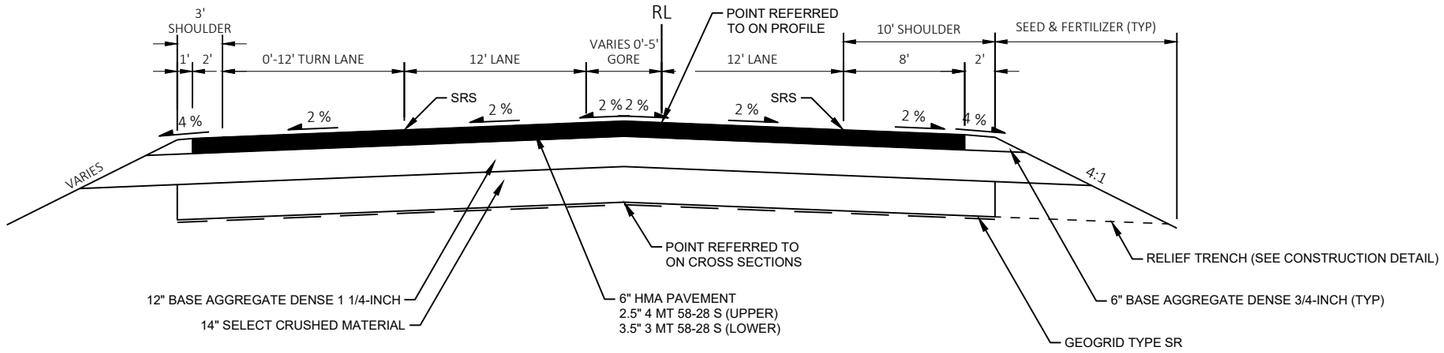


STA. 438+62 TO STA. 441+48
STA. 476+46 TO STA. 479+52

LEGEND

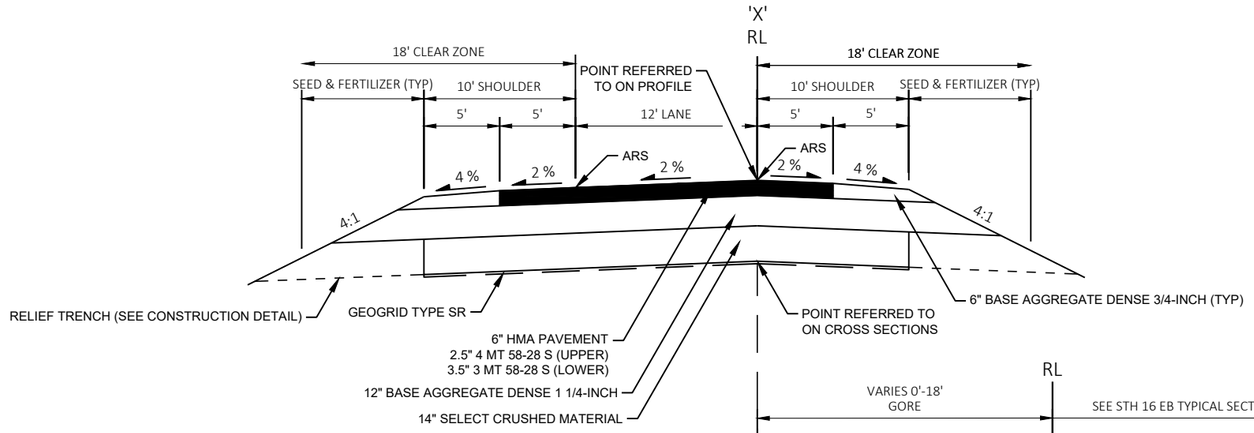
CRS=ASPHALTIC RUMBLE STRIPS, CENTERLINE
SRS=ASPHALTIC RUMBLE STRIPS, SHOULDER

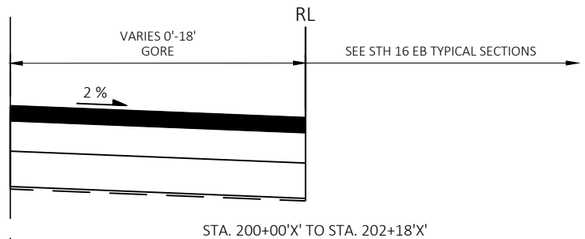
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PROPOSED TYPICAL SECTIONS	SHEET 19	E



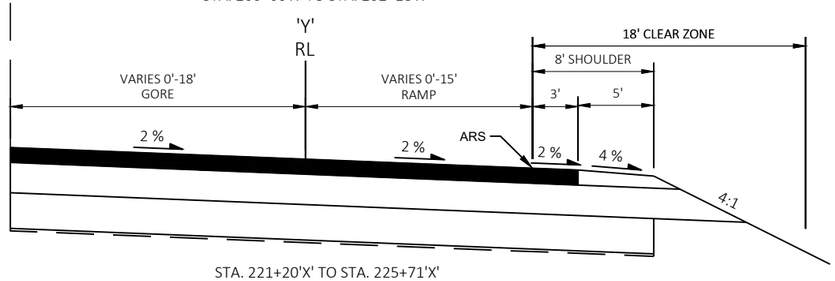
TYPICAL FINISHED SECTION

STH 16 EB
STA. 479+96 TO STA. 483+85





STA. 200+00'X' TO STA. 202+18'X'



STA. 221+20'X' TO STA. 225+71'X'

TYPICAL FINISHED SECTION

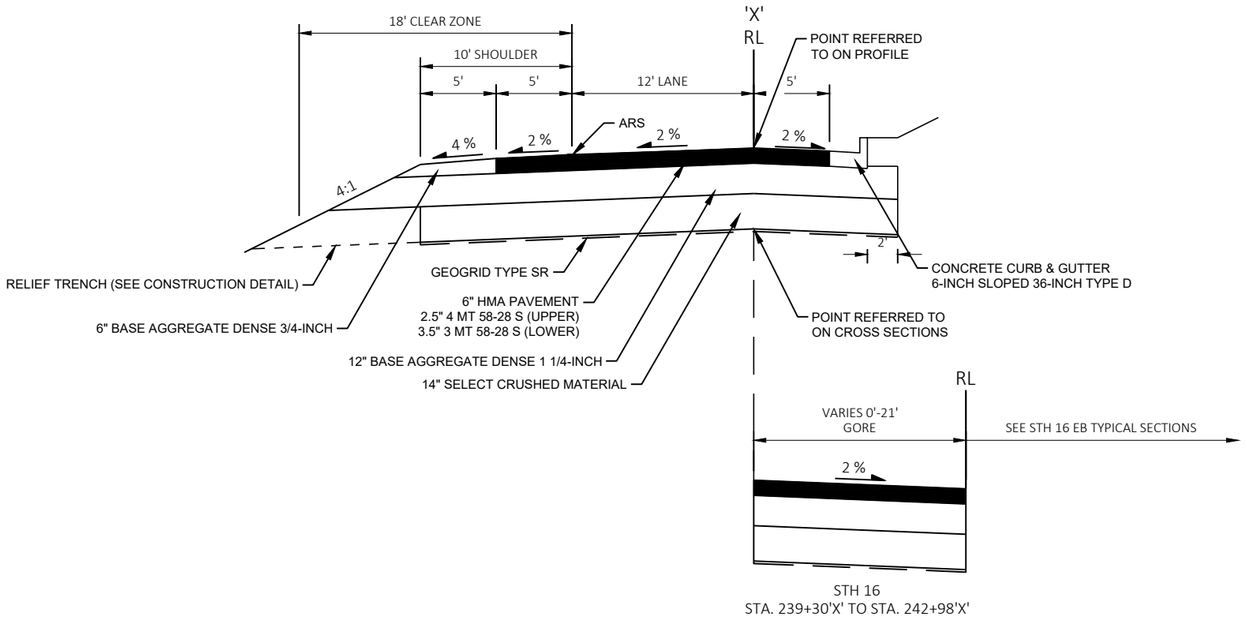
STH 16 WB
STA. 200+00'X' TO STA. 231+75'X'

LEGEND

ARS=ASPHALTIC RUMBLE STRIPS, SHOULDER DIVIDED ROADWAY
CRS=ASPHALTIC RUMBLE STRIPS, CENTERLINE
SRS=ASPHALTIC RUMBLE STRIPS, SHOULDER

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PROPOSED TYPICAL SECTIONS	SHEET 20	E

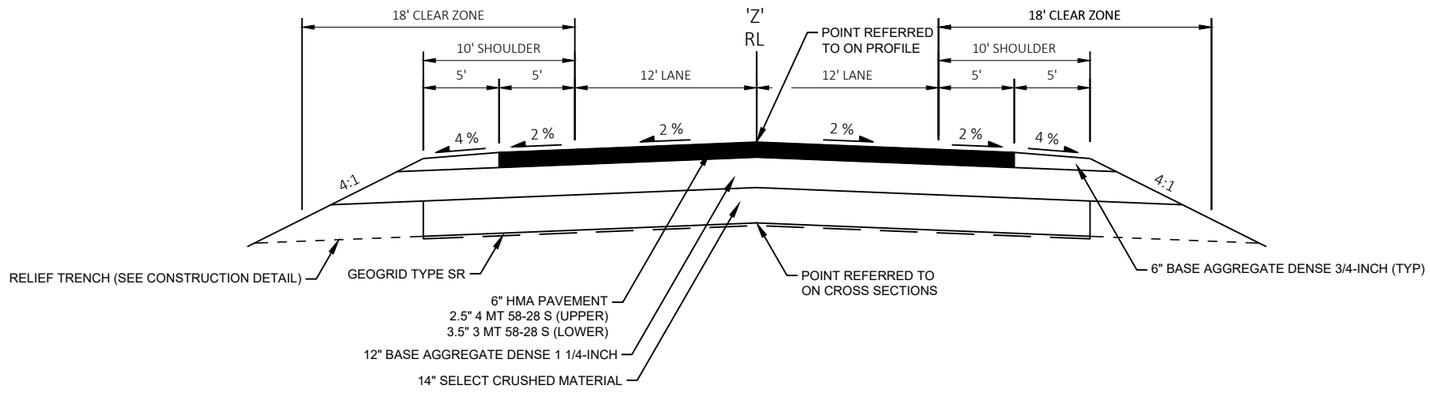
2



STH 16
STA. 239+30'X' TO STA. 242+98'X'

TYPICAL FINISHED SECTION

STH 16 WB
STA. 231+75'X' TO STA. 242+98'X'



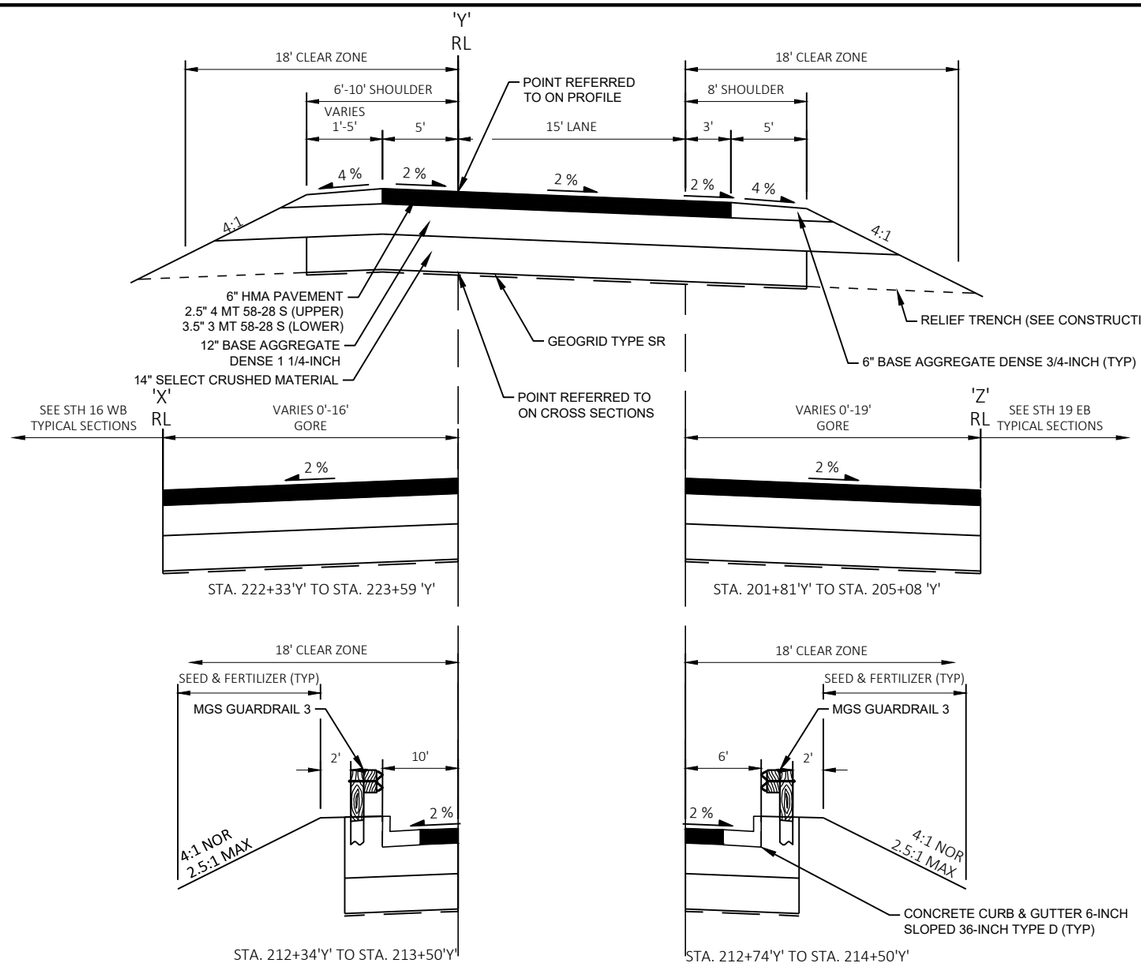
TYPICAL FINISHED SECTION

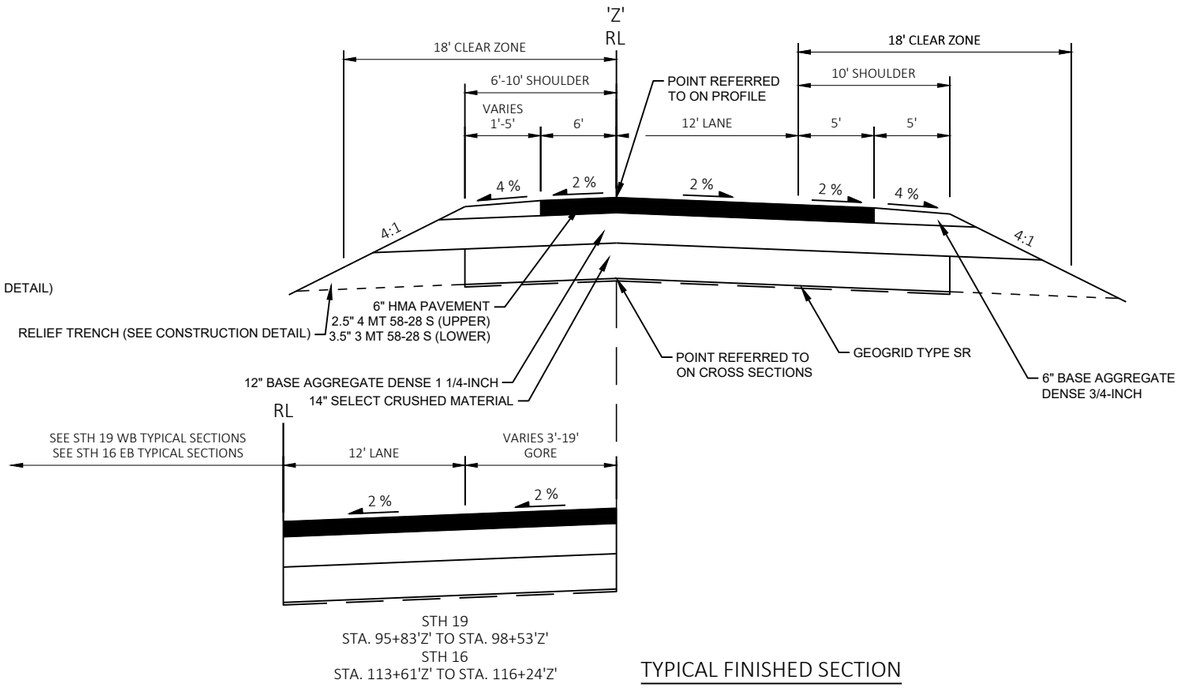
STH 19 EB RAMP
STA. 93+11'Z' TO STA. 95+83'Z'

LEGEND

ARS=ASPHALTIC RUMBLE STRIPS, SHOULDER DIVIDED ROADWAY
CRS=ASPHALTIC RUMBLE STRIPS, CENTERLINE
SRS=ASPHALTIC RUMBLE STRIPS, SHOULDER

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PROPOSED TYPICAL SECTIONS	SHEET 21	E

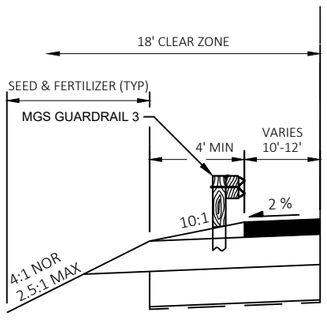




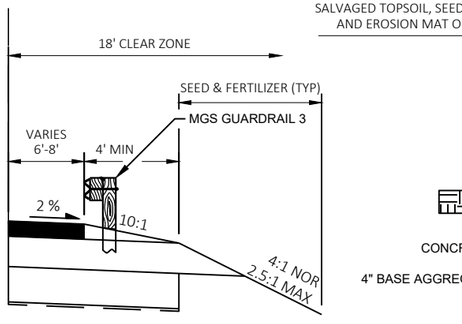
STH 19
STA. 95+83'Z' TO STA. 98+53'Z'
STH 16
STA. 113+61'Z' TO STA. 116+24'Z'

TYPICAL FINISHED SECTION

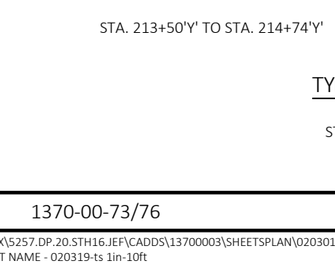
STH 19 EB RAMP
STA. 95+83'Z' TO STA. 116+24'Z'



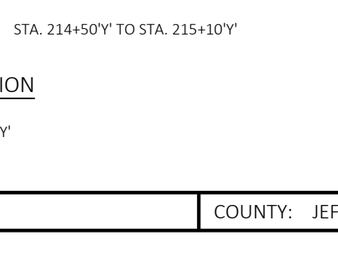
STA. 212+34'Y' TO STA. 213+50'Y'



STA. 212+74'Y' TO STA. 214+50'Y'



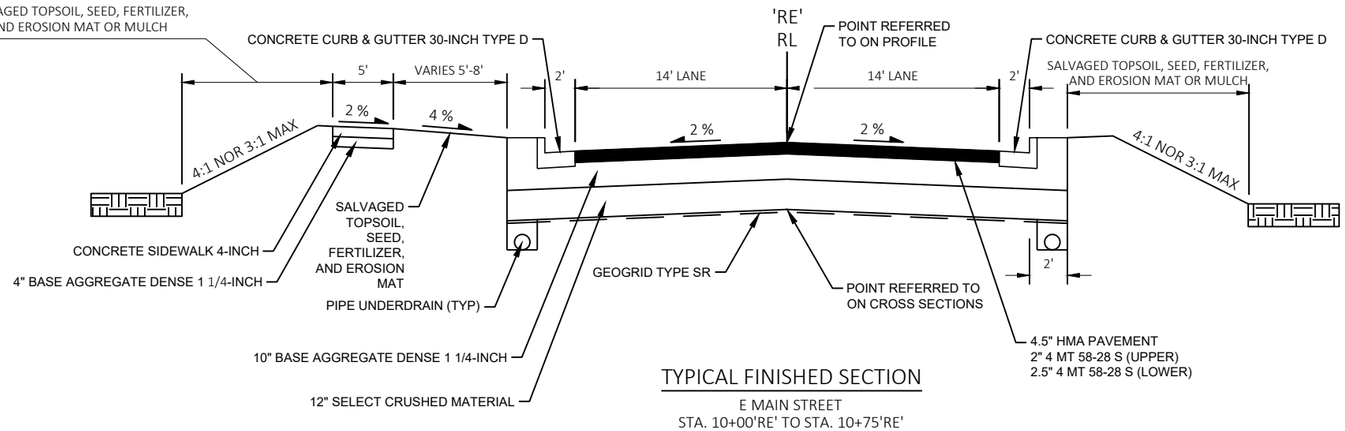
STA. 213+50'Y' TO STA. 214+74'Y'



STA. 214+50'Y' TO STA. 215+10'Y'

TYPICAL FINISHED SECTION

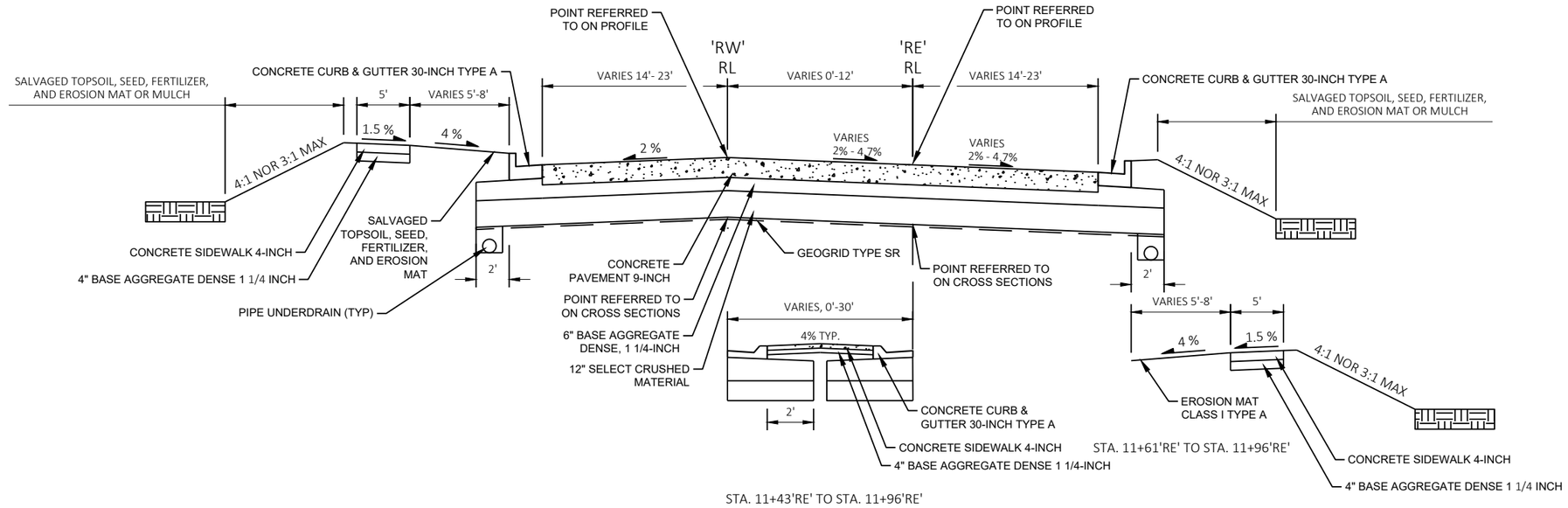
STH 19 WB RAMP
STA. 201+81'Y' TO STA. 223+59'Y'



TYPICAL FINISHED SECTION

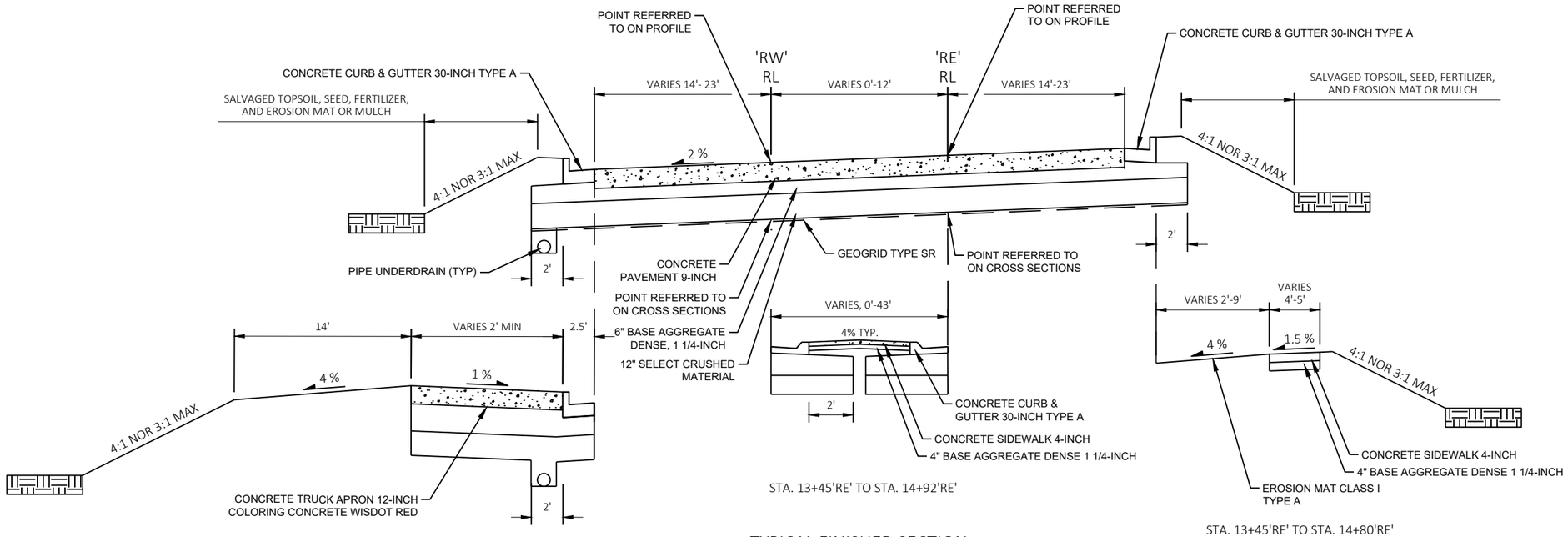
E MAIN STREET
STA. 10+00'RE' TO STA. 10+75'RE'

PROJECT NO: 1370-00-73/76	HWY: STH 16	COUNTY: JEFFERSON	PROPOSED TYPICAL SECTIONS	SHEET 22	E



TYPICAL FINISHED SECTION

E MAIN STREET/FRONTAGE ROAD
STA. 10+75'RE' TO STA. 11+96'RE'

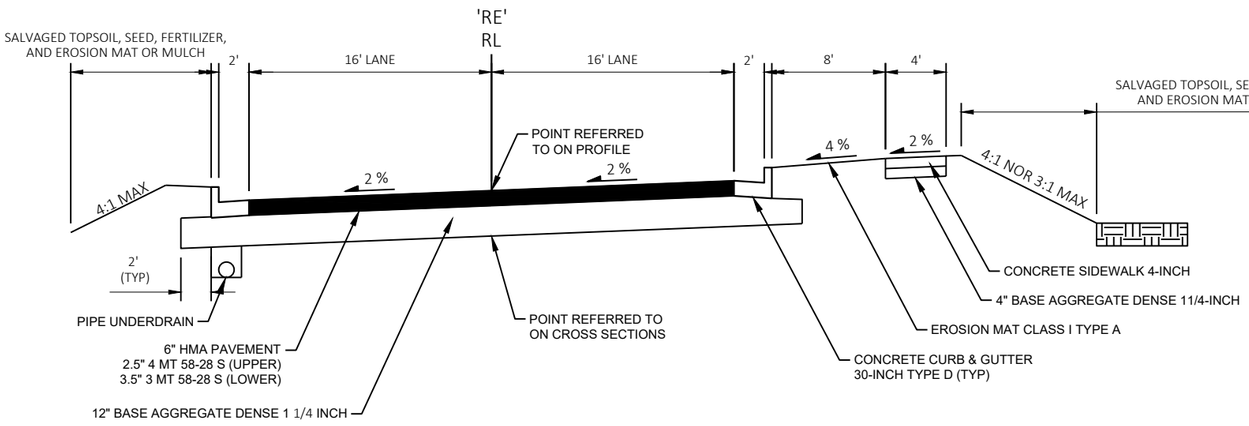


TYPICAL FINISHED SECTION

E MAIN STREET/FRONTAGE ROAD
STA. 13+45'RE' TO STA. 17+65'RE'

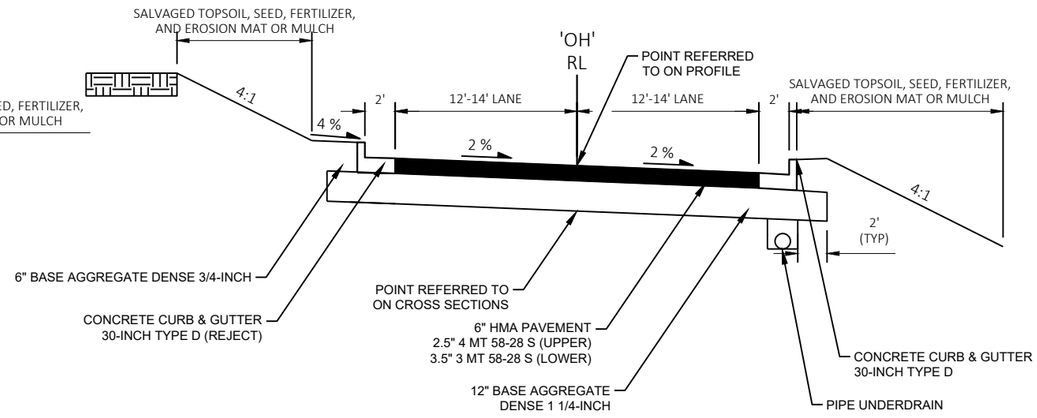
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	PROPOSED TYPICAL SECTIONS	SHEET 23	E

2



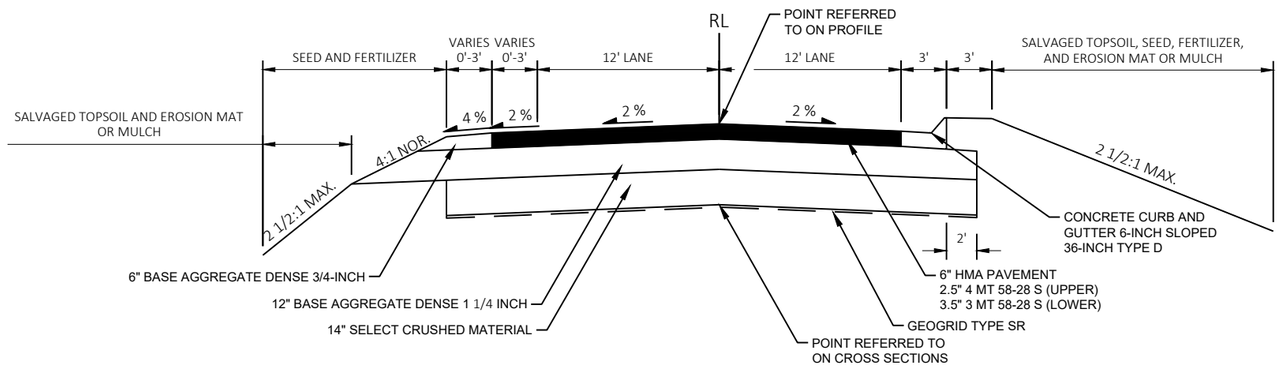
TYPICAL FINISHED SECTION

FRONTAGE ROAD
STA. 17+65'RE' TO STA. 17+76'RE'



TYPICAL FINISHED SECTION

OAK HILL ROAD
STA. 10+80'OH' TO STA. 13+50'OH'



TYPICAL FINISHED HALF SECTION
WITH BASE COURSE SHOULDER

TYPICAL FINISHED HALF SECTION
WITH CONCRETE CURB & GUTTER

TYPICAL FINISHED SECTION FOR SIDE ROADS

PROJECT NO: 1370-00-73/76	HWY: STH 16	COUNTY: JEFFERSON	PROPOSED TYPICAL SECTIONS	SHEET 24	E

STH 16 EB SUPERELEVATION TABLE					
TRANSITION EVENT POINTS		RATE (FT/FT)			
		LEFT OF CROWNLINE		RIGHT OF CROWNLINE	
LOCATION	STATION	LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER
CURVE 5					
End Normal Crown	80+35.00	-0.04	-0.02	-0.02	-0.04
Level Crown	80+86.00	-0.04	-0.02	0	0
Reverse Crown	81+37.00	-0.04	-0.02	0.02	0.02
Begin Full Super	81+45.00	-0.04	-0.023	0.023	0.023
End Full Super	84+66.84	-0.04	-0.023	0.023	0.023
Reverse Crown	84+74.84	-0.04	-0.02	0.02	0.02
Level Crown	85+25.84	-0.04	-0.02	0	0
Begin Normal Crown	85+76.84	-0.04	-0.02	-0.02	-0.04
CURVE 6					
End Normal Shoulder	100+81.50	-0.04	-0.02	-0.02	-0.04
End Normal Crown	100+81.50	-0.04	-0.02	-0.02	-0.04
Level Crown	101+32.37	-0.04	-0.02	0	0
Reverse Crown	101+83.24	-0.04	-0.02	0.02	0.02
Low Shoulder Match	102+34.11	-0.04	-0.04	0.04	0.04
Begin Full Super	102+49.37	-0.046	-0.046	0.046	0.046
Begin Shoulder Transition RT	104+26.18	-0.046	-0.046	0.046	0.046
Level Shoulder RT	104+84.83	-0.046	-0.046	0.046	0
Begin Bridge	105+15.43	-0.046	-0.046	0.046	-0.024
End Bridge	106+97.73	-0.046	-0.046	0.046	0.046
End Full Super Shoulder RT	111+94.91	-0.046	-0.046	0.046	0.046
Level Shoulder RT	112+53.56	-0.046	-0.046	0.046	0
Begin Gravel Gore	112+96.91	-0.046	-0.046	0.046	-0.034
Begin Shoulder Transition RT	113+50.78	-0.046	-0.046	0.046	0.046
End Full Super	115+85.52	-0.046	-0.046	0.046	-0.014
Low Shoulder Match	116+00.78	-0.04	-0.04	0.04	-0.02
Reverse Crown	116+51.65	-0.04	-0.02	0.02	-0.02
Level Crown	117+02.52	-0.04	-0.02	0.02	-0.02
Begin Normal Crown	117+53.39	-0.04	-0.02	0.02	-0.04
Begin Normal Shoulder	117+53.39	-0.04	-0.02	0.02	-0.04
Level Crown	122+29.00	0	0	0	-0.04
End Curb and Gutter	122+90.00	0.02	0.02	-0.02	-0.04
CURVE 8					
End Normal Shoulder	126+07.84	0.02	0.02	-0.02	-0.04
End Normal Crown	126+07.84	0.02	0.02	-0.02	-0.04
Level Crown	126+59.00	0	0	0	0
Reverse Crown	127+10.17	-0.02	-0.02	0.02	0.02
Low Shoulder Match	127+61.33	-0.04	-0.04	0.04	0.04
Begin Full Super	127+69.00	-0.043	-0.043	0.043	0.043
End Full Super	131+20.91	-0.043	-0.043	0.043	0.043
Low Shoulder Match	131+28.58	-0.04	-0.04	0.04	0.04
Reverse Crown	131+79.75	-0.02	-0.02	0.02	0.02
Level Crown	132+30.91	-0.014	0	0	0
CURVE 9					
End Median	132+49.75		0.01	-0.01	-0.019
Begin Normal Crown RT	132+81.91		0.02	-0.02	-0.04
Reverse Crown	133+80.48		0.02	-0.02	-0.04
Begin Full Super	133+90.65		0.024	-0.024	-0.04
End Full Super	137+41.41			-0.024	-0.04
Begin Normal Crown	137+51.57			-0.02	-0.04
Begin Normal Shoulder	137+51.57			-0.02	-0.04
CURVE 11					
End Normal Shoulder	292+06.62	-0.04	-0.02	-0.02	-0.04
End Normal Crown	292+06.62	-0.04	-0.02	-0.02	-0.04
Level Crown	292+57.62	-0.04	-0.02	0	0
Begin Full Super	293+08.62	-0.04	-0.02	0.02	0.02
Reverse Crown	293+08.62	-0.04	-0.02	0.02	0.02
End Full Super	298+42.19	-0.04	-0.02	0.02	0.02
Reverse Crown	298+42.19	-0.04	-0.02	0.02	0.02
Level Crown	298+93.19	-0.04	-0.02	0	0

STH 16 EB SUPERELEVATION TABLE					
TRANSITION EVENT POINTS		RATE (FT/FT)			
		LEFT OF CROWNLINE		RIGHT OF CROWNLINE	
LOCATION	STATION	LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER
Begin Normal Crown	299+44.19	-0.04	-0.02	-0.02	-0.04
Begin Normal Shoulder	299+44.19	-0.04	-0.02	-0.02	-0.04
CURVE 12					
End Normal Shoulder	301+69.74	-0.04	-0.02	-0.02	-0.04
End Normal Crown	301+69.74	-0.04	-0.02	-0.02	-0.04
Level Crown	302+20.74	0	0	-0.02	-0.04
Begin Full Super	302+71.74	0.02	0.02	-0.02	-0.04
Reverse Crown	302+71.74	0.02	0.02	-0.02	-0.04
End Full Super	308+00.53	0.02	0.02	-0.02	-0.04
Reverse Crown	308+00.53	0.02	0.02	-0.02	-0.04
Level Crown	308+51.53	0	0	-0.02	-0.04
Begin Normal Crown	309+02.53	-0.04	-0.02	-0.02	-0.04
Begin Normal Shoulder	309+02.53	-0.04	-0.02	-0.02	-0.04
CURVE 13					
End Normal Shoulder	332+64.46	-0.04	-0.02	-0.02	-0.04
End Normal Crown	332+64.46	-0.04	-0.02	-0.02	-0.04
Level Crown	333+15.29	-0.04	-0.02	0	0
Reverse Crown	333+66.13	-0.04	-0.02	0.02	0.02
Begin Full Super	333+76.29	-0.04	-0.024	0.024	0.024
End Full Super	360+83.48	-0.04	-0.024	0.024	0.024
Reverse Crown	360+93.65	-0.04	-0.02	0.02	0.02
Level Crown	361+44.48	-0.04	-0.02	0	0
Begin Normal Crown	361+95.32	-0.04	-0.02	-0.02	-0.04
Begin Normal Shoulder	361+95.32	-0.04	-0.02	-0.02	-0.04
CURVE 14					
End Normal Shoulder	373+20.41	-0.04	-0.02	-0.02	-0.04
End Normal Crown	373+20.41	-0.04	-0.02	-0.02	-0.04
Level Crown	373+71.24	0	0	-0.02	-0.04
Reverse Crown	374+22.07	0.02	0.02	-0.02	-0.04
Begin Full Super	374+32.24	0.024	0.024	-0.024	-0.04
End Full Super	402+39.20	0.024	0.024	-0.024	-0.04
Reverse Crown	402+49.36	0.02	0.02	-0.02	-0.04
Level Crown	403+00.20	0	0	-0.02	-0.04
Begin Normal Crown	403+51.03	-0.04	-0.02	-0.02	-0.04
Begin Normal Shoulder	403+51.03	-0.04	-0.02	-0.02	-0.04
CURVE 23					
End Normal Shoulder	428+21.78	-0.04	-0.02	-0.02	-0.04
End Normal Crown	428+21.78	-0.04	-0.02	-0.02	-0.04
Level Crown	428+72.62	-0.04	-0.02	0	0
Reverse Crown	429+23.45	-0.04	-0.02	0.02	0.02
Begin Full Super	429+33.62	-0.04	-0.024	0.024	0.024
End Full Super	457+05.54	-0.04	-0.024	0.024	0.024
Reverse Crown	457+15.71	-0.04	-0.02	0.02	0.02
Level Crown	457+66.54	-0.04	-0.02	0	0
Begin Normal Crown	458+17.38	-0.04	-0.02	-0.02	-0.04
Begin Normal Shoulder	458+17.38	-0.04	-0.02	-0.02	-0.04

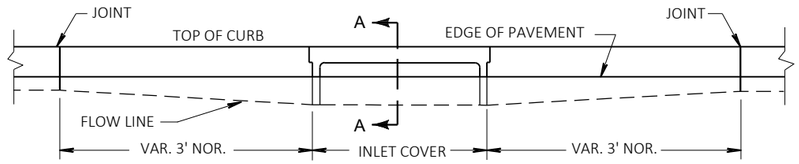
2

STH 16 WB SUPERELEVATION TABLE				
TRANSITION EVENT POINTS		RATE (FT/FT)		
		LEFT OF CROWNLINE		
LOCATION	STATION	LEFT SHOULDER	LEFT LANE	RIGHT SHOULDER
CURVE 6'X'				
Begin Normal Crown	201+87.14	-0.04	-0.02	
Begin Gore RT	202+18.45	-0.04	-0.02	
End Gore RT	202+68.10	-0.04	-0.02	0.02
Reverse Crown	202+89.14	-0.04	-0.02	0.02
Begin Full Super	203+40.14	-0.04	-0.04	0.04
End Full Super	209+02.27	-0.04	-0.04	0.04
Reverse Crown	209+53.27	-0.04	-0.02	0.02
Level Crown	210+04.27	-0.04	-0.02	0
Begin Normal Crown	210+55.27	-0.04	-0.02	-0.04
Begin Normal Shoulder	210+55.27	-0.04	-0.02	-0.04
End Normal Shoulder	221+00.00	-0.04	-0.02	-0.04
Begin Gore RT	221+20.19	-0.04	-0.02	-0.026
End Gore RT	222+08.01	-0.04	-0.02	-0.04
CURVE 7'X'				
End Normal Shoulder	224+77.51	-0.04	-0.02	-0.04
End Normal Crown	224+77.51	-0.04	-0.02	-0.04
Level Crown	225+28.38	-0.04	-0.02	0
Reverse Crown	225+79.25	-0.04	-0.02	0.02
Low Shoulder Match	226+30.12	-0.04	-0.04	0.04
Begin Full Super	226+45.38	-0.046	-0.046	0.046
End Full Super	228+51.05	-0.046	-0.046	0.046
Low Shoulder Match	228+66.31	-0.04	-0.04	0.04
Reverse Crown	229+17.18	-0.04	-0.02	0.02
Level Crown	229+68.05	-0.04	-0.02	0
Begin Normal Crown	230+18.91	-0.04	-0.02	-0.04
Begin Normal Shoulder	230+18.91	-0.04	-0.02	-0.04
CURVE 8'X'				
End Normal Shoulder	230+72.60	-0.04	-0.02	-0.04
End Normal Crown	230+72.60	-0.04	-0.02	-0.04
Level Crown	231+23.80	-0.04	-0.02	0
Begin Curb and Gutter	231+75.00	-0.04	-0.02	0.02
Reverse Crown	233+52.44	-0.04	-0.02	
Low Shoulder Match	234+03.64	-0.04	-0.04	
Begin Full Super	234+29.24	-0.05	-0.05	
End Full Super	236+47.28	-0.05	-0.05	
Low Shoulder Match	236+72.88	-0.04	-0.04	
Reverse Crown	237+24.08	-0.04	-0.02	
Level Crown	237+75.28	-0.04	-0.02	
Begin Normal Crown	238+26.48	-0.04	-0.02	
Begin Normal Shoulder	238+26.48	-0.04	-0.02	
End Normal Crown	239+00.00	-0.04	-0.02	
Begin 1.6% Lane	239+29.61	-0.04	-0.016	
End 1.6% Lane	244+17.25	-0.04	-0.016	
Begin Normal Crown	244+27.46	-0.04	-0.02	

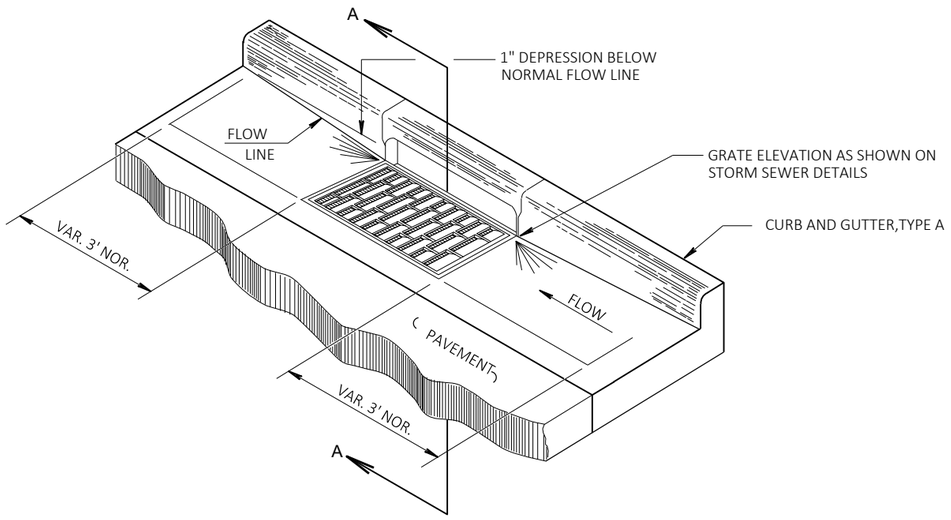
STH 19 EB SUPERELEVATION TABLE					
TRANSITION EVENT POINTS		RATE (FT/FT)			
		LEFT OF CROWNLINE		RIGHT OF CROWNLINE	
LOCATION	STATION	LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER
CURVE 2'Z'					
End Normal Crown	110+75.00	-0.04	-0.02	-0.02	-0.04
Level Crown	111+81.84	0	0	-0.02	-0.04
Reverse Crown	112+88.67	0.02	0.02	-0.02	-0.04
Manual	113+25.00		0.02	-0.02	-0.04
Manual	113+48.07		0.02	-0.02	-0.04

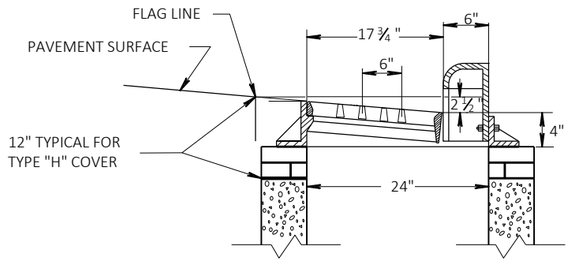
STH 19 WB SUPERELEVATION TABLE					
TRANSITION EVENT POINTS		RATE (FT/FT)			
		LEFT OF CROWNLINE		RIGHT OF CROWNLINE	
LOCATION	STATION	LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER
CURVE 2'Y'					
End Gravel Gore	205+53.38	-0.04	-0.02	0.02	0.02
Manual	206+31.00	-0.04	-0.02	0.02	-0.04
End Normal Shoulder	211+29.70	-0.04	-0.02	0.02	-0.04
End Normal Crown	211+82.91	-0.04	-0.02	0.02	-0.04
Level Crown	212+36.13	0	0	0	-0.04
Reverse Crown	212+89.34	0.02	0.02	-0.02	-0.04
Manual	213+08.00	0.027	0.027	-0.027	-0.04
Low Shoulder Match	213+42.56	0.001	0.04	-0.04	-0.04
Begin Full Super	213+85.13	-0.024	0.056	-0.056	-0.056
Begin Shoulder Transition	220+57.00	-0.024	0.056	-0.056	-0.056
Manual	221+45.89	0.026	0.056	-0.056	-0.056
Manual	222+33.24	0.02	0.056	-0.056	-0.056
End Full Super	223+09.43	0.056	0.056	-0.056	-0.056
Low Shoulder Match	223+52.00	0.04	0.04	-0.04	-0.04
Reverse Crown	224+05.21	0.02	0.02	-0.02	-0.04
Level Crown	224+58.43	0	0	-0.02	-0.04

ROUNDABOUT SUPERELEVATION TABLE			
TRANSITION EVENT POINTS			
		RIGHT OF CROWNLINE	
LOCATION	STATION	RIGHT LANE	RIGHT SHOULDER
End Normal Crown	1+98.38'	-0.015	0.015
Level Crown	2+22.38'	0	0.015
Begin Full Super	2+46.38'	0.015	0.015
End Full Super	2+79.18'	0.015	0.015
Level Crown	3+03.18'	0	0.015
Begin Normal Crown	3+28.18'	-0.015	0.015



ELEVATION

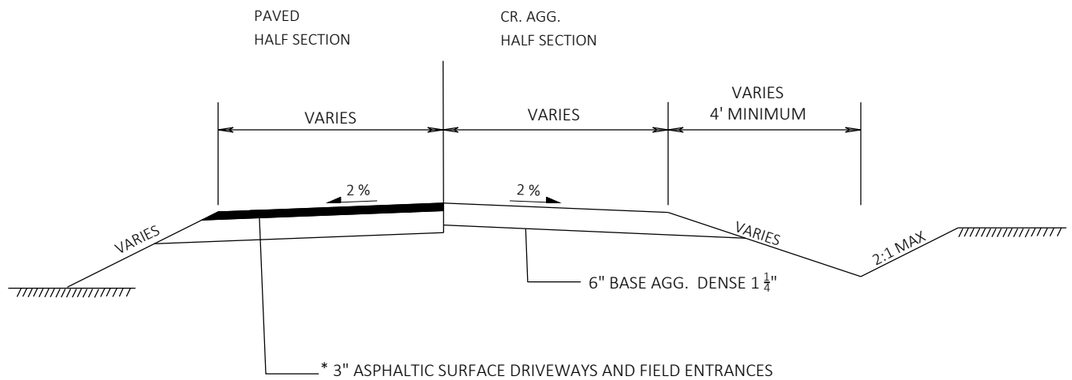




SECTION A-A

DETAIL OF CURB AND GUTTER AT INLETS

(TYPE 3-H INLET SHOWN)

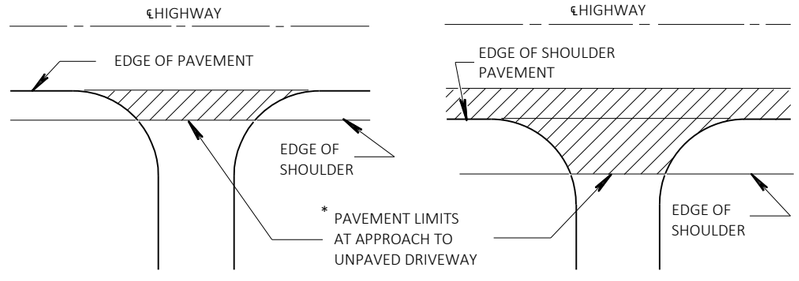


* OR MATCH EXIST.
ASPH. DEPTH

NOTE:

DRIVEWAY PROFILES NOT EXPECTED TO EXCEED 15%. PLACE LOW POINT OF DRIVEWAY PROFILE OVER DITCH FLOW LINE.

TYPICAL SECTION FOR PRIVATE ENTRANCES

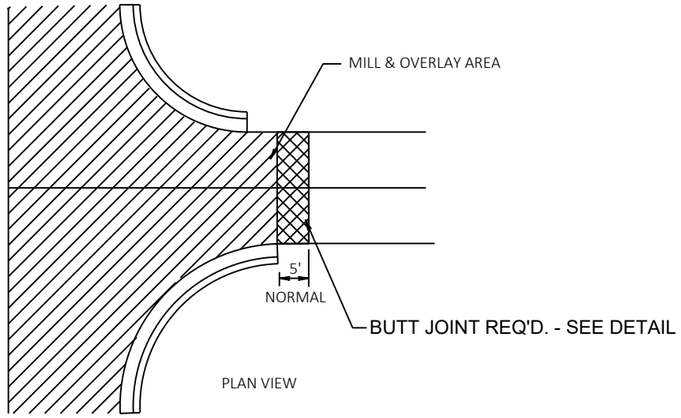


*WHERE DRIVEWAY IS PAVED, APPROACH PAVEMENT SHOULD BE EXTENDED TO MATCH DRIVEWAY PAVEMENT.

PLAN VIEW

PLAN VIEW
(PAVED SHOULDER ON HIGHWAY)

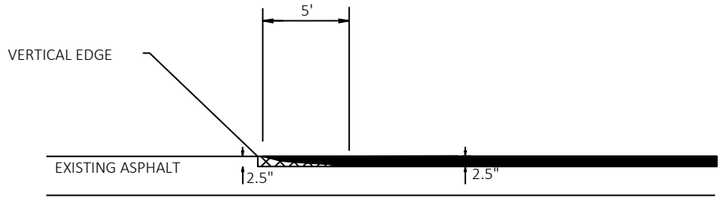
RURAL DRIVEWAY INTERSECTION DETAIL



SIDE ROAD DETAIL GLENVIEW AVE - CURB & GUTTER TO REMAIN

REMOVE MATERIAL UNDER ITEM 'REMOVING ASPHALT SURFACE MILLING '

REMOVE MATERIAL UNDER ITEM 'REMOVING ASPHALT SURFACE BUTT JOINTS' MATERIAL SHALL NOT BE REMOVED UNDER THIS ITEM UNTIL 24 HOURS BEFORE SIDE ROAD PAVING.

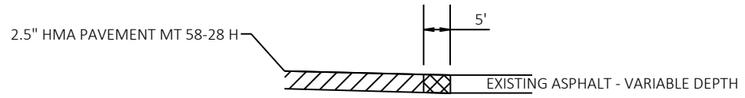


REQUIRED AT END OF PAVING LOCATIONS

CTH F/AMERICAN ST DETAIL

REMOVE ASPHALTIC SURFACE WEDGE AT BUTT JOINT TO CREATE VERTICAL EDGE PAID UNDER BID ITEM REMOVING ASPHALTIC SURFACE BUTT JOINTS

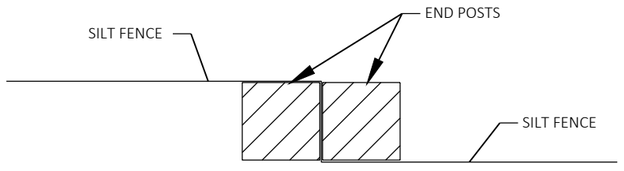
REMOVING ASPHALTIC SURFACE MILLING



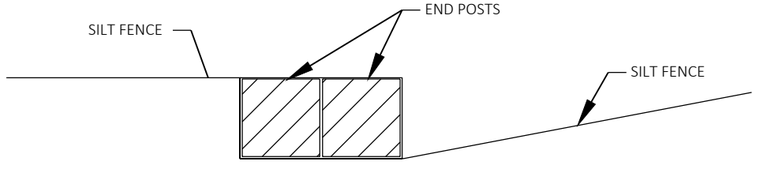
TYPICAL VIEW

SIDE ROAD DETAIL

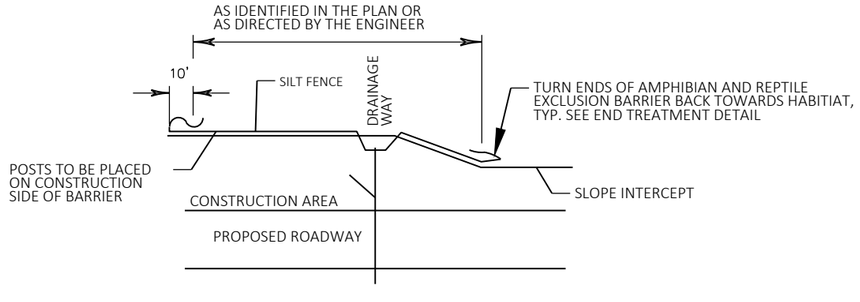
BUTT JOINT DETAILS



ROLL 2 TIMES



CONTINUITY OF AMPHIBIAN AND REPTILE EXCLUSION BARRIER



AMPHIBIAN AND REPTILE EXCLUSION BARRIER

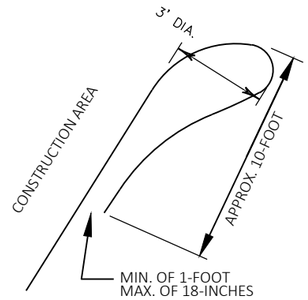
NOTE:

AMPHIBIAN AND REPTILE EXCLUSION BARRIER IS SILT FENCE WITH POSTS INSTALLED ON CONSTRUCTION SIDE OF FENCE.

IF LENGTH OF AMPHIBIAN AND REPTILE FENCE IS LONGER THAN MANUFACTURED LENGTH OFINDIVIDUAL FENCING,JOIN END POSTS AS SHOWN IN CONTINUITY OF AMPHIBIAN AND REPTILE EXCLUSION BARRIER.

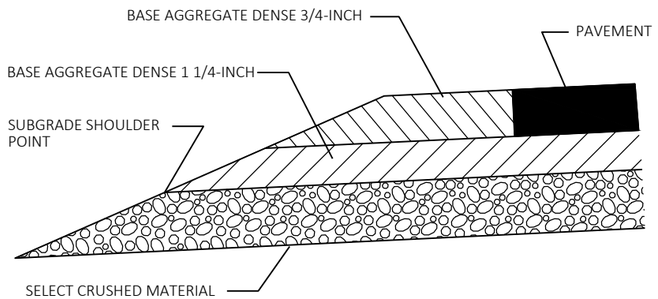
CONTRACTOR TO MAINTAIN AMPHIBIAN AND REPTILE EXCLUSION BARRIER UNDER THE ITEM SILT FENCE MAINTENANCE.

USE FROM STA 76+25 TO 82+25 RT AND STA 462+00 TO 470+65 LT/RT OR AS DETERMINED IN THE FIELD BY THE ENGINEER.

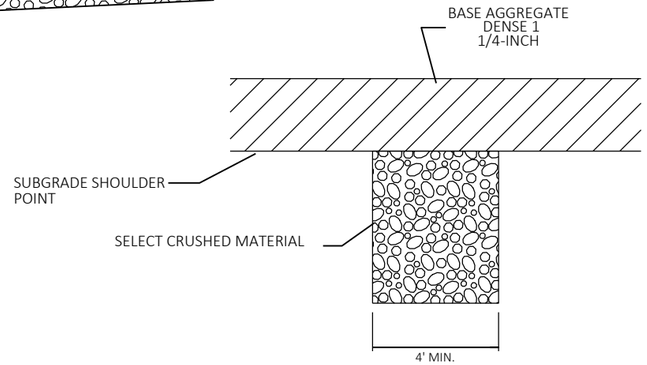


END TREATMENT DETAIL

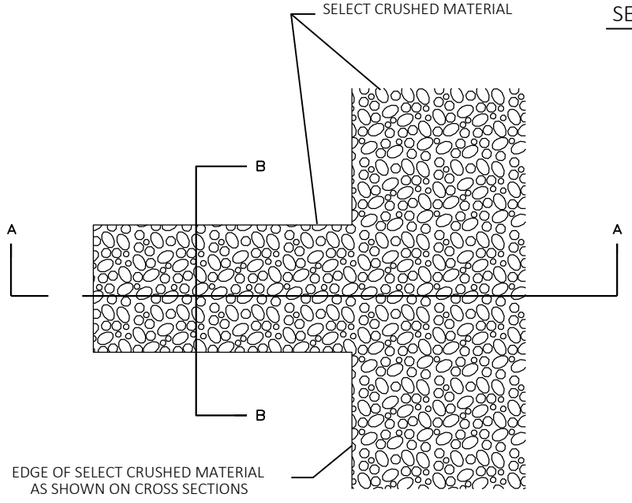
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CONSTRUCTION DETAILS	SHEET 28	E



SECTION A-A



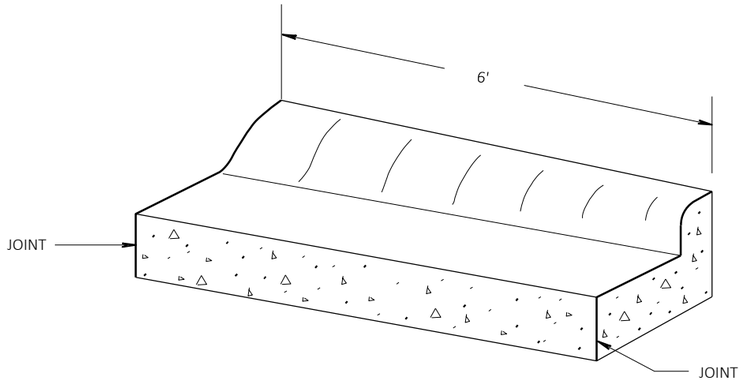
SECTION B-B



DETAIL FOR RELIEF TRENCH

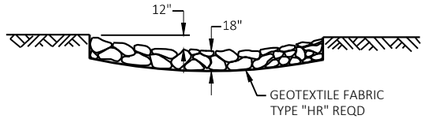
CONSTRUCT DRAINS AT LOCATIONS SHOWN IN MISC. QUANTITIES, AT SAG VERTICAL CURVES IN THE PROFILE, OR AS DIRECTED BY THE ENGINEER.

EXCAVATION REQUIRED TO CONSTRUCT RELIEF TRENCH INCLUDED TO THE ITEM SELECT CRUSHED MATERIAL

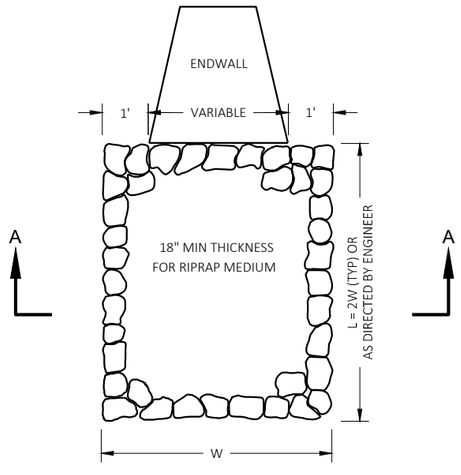


TRANSITION DETAIL

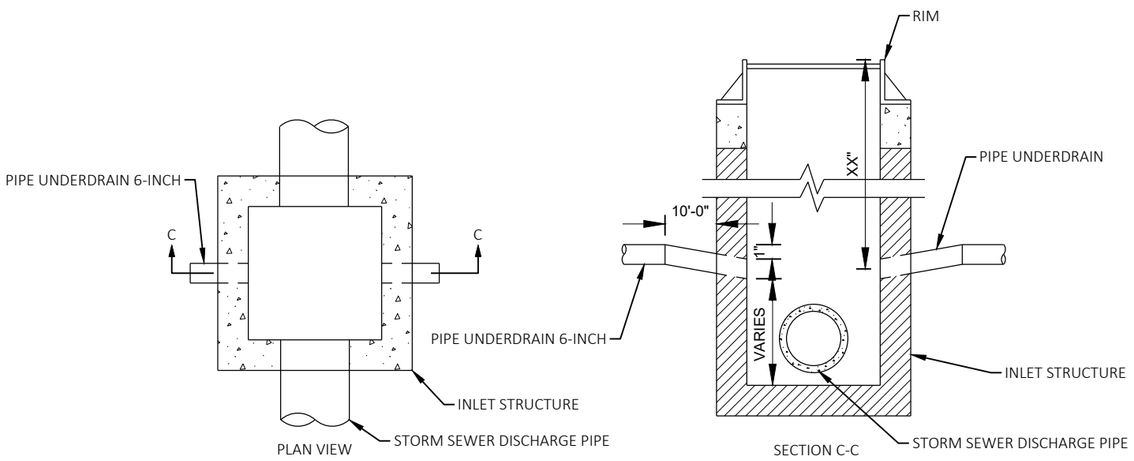
36" TYPE "A" CURB & GUTTER TO 30" TYPE "A" CURB & GUTTER
(TO BE MEASURED & PAID FOR AS 36" CONC. C&G)



SECTION A-A



RIPRAP MEDIUM TREATMENT AT CULVERTS



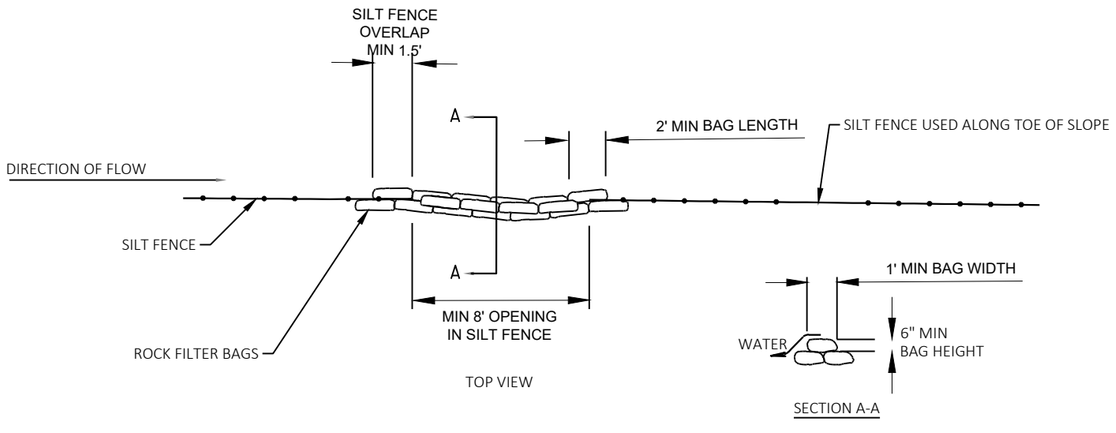
UNDERDRAIN OUTFALL AT DRAINAGE STRUCTURE

NOTES:
1. SEE TYPICAL SECTIONS, STORM SEWER, AND UNDERDRAIN PLANS FOR PIPE UNDERDRAIN LOCATIONS.
2. DIMENSION SHOULD BE SHOWN ON MISCELLANEOUS QUANTITIES TABLE.

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (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 STRIPTURF:	.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 SLOPETURF:			.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											

1370-00-73: TOTAL PROJECT AREA = 219.2 ACRES
1370-00-73: TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 65.6 ACRES
1370-00-76: TOTAL PROJECT AREA = 11.0 ACRES
1370-00-76: TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 5.5 ACRES



ROCK BAGS USED FOR SILT FENCE RELIEF

MGS TERMINAL EAT: STA 103+64.77 LT TO STA 104+15.12 LT
MGS GUARDRAIL 3: STA 104+15.12 LT TO STA 105+15.12 LT
MGS THRIE BEAM TRANSITION: STA 105+15.12 LT TO STA 105+54.52 LT

+48.76
10.00'LT

101

+30.12
5.00'LT

102

SI

+64.77
24.40'LT

+89.92
21.50'LT

+15.12
20.50'LT

POST 1 MGS
+64.77
18.50'LT

POST 5 MGS
+89.95
17.50'LT

POST 9 MGS
+15.12
16.50'LT

CONCRETE PAVEMENT 12-INCH

CONCRETE PAVEMENT APPROACH SLAB

+48.53
17.00'RT

103

POST 5 MGS
+88.71
17.50'RT

POST 9 MGS
+13.53
16.50'RT

104

+10.98

STH 16 EB

105

SI

106

+28.12
22.00'RT

POST 1 MGS
+63.53
18.50'RT

+88.71
21.84'RT

+13.53
20.44'RT

+63.89
24.40'RT

SI

213'Y'

MGS TERMINAL EAT: STA 102+63.53 RT TO STA 103+13.53 RT
MGS GUARDRAIL 3: STA 103+13.53 RT TO STA 104+76.03 RT
MGS THRIE BEAM TRANSITION: STA 104+76.03 RT TO STA 105+15.43 RT

CONCRETE PAVEMENT 12-INCH

EXISTING STRUCTURE B-28-0022

212'Y'

STH 19 WB

SI

MGS THRIE BEAM TRANSITION: STA 107+33.72 LT TO STA 107+73.40 LT
MGS GUARDRAIL 3: STA 107+73.40 LT TO STA 107+99.07 LT
MGS GUARDRAIL TERMINAL TYPE 2: STA 107+99.07 LT

CONCRETE SURFACE DRAINS
DROP INLET
1-12-INCH CPCPE REQD
1-12-INCH AE CPCS REQ
1-INLET 2X2V REQD

SI

112

214'Y'

+99.11
22.00'LT

+99.07
16.50'LT

+14.07
5.00'LT

+49.07
10.00'LT

111

+61.81
22.00'LT

110

109

+43.11

108

107

STH 16 EB

SI

CONCRETE PAVEMENT 12-INCH

CONCRETE PAVEMENT APPROACH SLAB

AT&T WI - TELECOMMUNICATIONS

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CONSTRUCTION DETAILS - GUARDRAIL	SHEET 31	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\021002-CD.DWG
LAYOUT NAME - 021007-cd

PLOT DATE : 11/20/2024 3:34 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

MGS TERMINAL EAT: STA 122+53.02 RT TO STA 123+03.13 RT
MGS GUARDRAIL 3: STA 123+03.13 RT TO STA 128+03.89 RT
MGS THRIE BEAM TRANSITION: STA 128+03.89 RT TO STA 130+05.60 RT

228'X' 229'X' 230'X' 231'X' 232'X'

120 121 122 123 124 125 126

STH 16 EB

MATCH LINE 126+00

SI

+52.75 32.00'RT
+52.74 37.00'RT
+50.88 28.68'RT
+51.07 33.66'RT
+38.14 33.67'RT
POST 1 MGS +53.02 28.67'RT
+53.14 34.67'RT
POST 5 MGS +78.08 27.11'RT
+78.08 31.45'RT
POST 9 MGS +03.13 25.46'RT
+03.12 29.46'RT
+91.08 22.00'RT
+91.18 26.00'RT

CAUTION

AT&T WI - FIBER OPTIC
WE ENERGIES - GAS
AT&T WI - TELECOMMUNICATIONS
WE ENERGIES - ELECTRIC
SPECTRUM - COMMUNICATIONS

233'X' 234'X' 235'X' 236'X' 237'X' 238'X'

126 127 128 129 130 131 132

MATCH LINE 126+00

SI

+32.34 22.00'RT
+32.34 26.00' RT
POST 9 MGS +03.89 22.00'RT
+03.89 26.00' RT
POST 5 MGS +28.66 22.88'RT
+28.66 27.33' RT
POST 1 MGS +53.42 24.00'RT
+53.41 30.00' RT
+78.15 24.00' RT
+78.17 25.00' RT
+28.41 25.00' RT
+05.60 26.00' RT
+05.60 27.00' RT

WE ENERGIES - ELECTRIC
SPECTRUM - COMMUNICATIONS
WE ENERGIES - GAS
AT&T WI - FIBER OPTIC
AT&T WI - TELECOMMUNICATIONS
WE ENERGIES - ELECTRIC

MGS TERMINAL EAT: STA 122+53.02 RT TO STA 123+03.13 RT
MGS GUARDRAIL 3: STA 123+03.13 RT TO STA 128+03.89 RT
MGS THRIE BEAM TRANSITION: STA 128+03.89 RT TO STA 130+05.60 RT

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CONSTRUCTION DETAILS - GUARDRAIL	SHEET 32	E

2

N

MGS GUARDRAIL TERMINAL TYPE 2: STA 212+00.70'Y' LT
MGS GUARDRAIL 3: STA 212+00.70'Y' LT TO STA 214+24.53'Y' LT
MGS GUARDRAIL TERMINAL EAT: STA 214+24.53'Y' LT TO STA 214+74.21'Y' LT

STH 16 EB

SI
+50.70'Y' 5.00'LT
+70.70'Y' 10.00'LT
+00.70'Y' 14.00'LT
+00.70'Y' 10.00'LT
211'Y'
212'Y'
213'Y'
214'Y'
215'Y'
216'Y'
217'Y'
STH 19 WB
+24.53'Y' 14.00'LT
POST 9 MGS +24.53'Y' 10.00'LT
+49.38'Y' 15.33'LT
POST 5 MGS +49.38'Y' 10.84'LT
+74.21'Y' 18.00'LT
POST 1 MGS +74.21'Y' 12.00'LT
+44.21'Y' 5.00'LT
+94.21'Y' 10.00' LT

POST 9 MGS +59.36'Y' 21.00'RT
POST 5 MGS +84.62'Y' 22.17'RT
POST 1 MGS +09.91'Y' 23.00'RT
STH 19 WB
+59.91'Y' 18.00'RT
+44.33'Y' 18.00'RT
+44.33'Y' 23.00'RT
+74.33'Y' 21.00'RT
+74.33'Y' 25.00'RT
+59.42'Y' 25.00'RT
+84.36'Y' 26.33'RT
+09.91'Y' 29.00'RT
SI
+00.00'Y' 23.00'RT

MGS GUARDRAIL TERMINAL TYPE 2: STA 212+74.33'Y' RT
MGS GUARDRAIL 3: STA 212+74.33'Y' RT TO STA 214+59.36'Y' RT
MGS GUARDRAIL TERMINAL EAT: STA 214+59.36'Y' RT TO STA 215+09.91'Y' RT

STH 16 EB

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CONSTRUCTION DETAILS - GUARDRAIL	SHEET 33	E

2

N

MGS TERMINAL EAT: STA 462+83.65 LT TO STA 463+33.65 LT
MGS GUARDRAIL 3: STA 463+33.65 LT TO STA 463+96.15 LT
MGS THRIE BEAM TRANSITION: STA 463+96.15 LT TO STA 464+35.55 LT

SI
+65.21
22.00'LT
+13.65
17.00'LT
+83.65
29.91'LT
POST 1 MGS
+83.65
24.01'LT
+08.65
27.35'LT
POST 5 MGS
+08.65
23.01'LT
+33.71
25.95'LT
POST 9 MGS
+33.65
22.02'LT

CONCRETE PAVEMENT APPROACH SLAB

AT&T WI - FIBER OPTIC

460 461 462 463 STH 16 464 465 466

STRUCTURE B-28-0012
SEE STRUCTURE PLANS

+49.34
16.99'RT
POST 1 MGS
+34.34
25.48'RT
POST 5 MGS
+59.34
24.48'RT
POST 9 MGS
+84.34
23.48'RT
SI
+34.34
31.48'RT
+59.34
28.81'RT
+84.34
27.48'RT

CONCRETE PAVEMENT 12-INCH

AT&T WI - FIBER OPTIC

WE ENERGIES - ELECTRIC
SPECTRUM - COMMUNICATIONS

MGS TERMINAL EAT: STA 463+34.34 RT TO STA 463+84.34 RT
MGS GUARDRAIL 3: STA 463+84.34 RT TO STA 464+34.97 RT
MGS THRIE BEAM TRANSITION: STA 464+34.97 RT TO STA 464+74.36 RT

AT&T WI - TELECOMMUNICATIONS

MGS THRIE BEAM TRANSITION: STA 467+05.85 LT TO STA 467+45.24 LT
MGS GUARDRAIL 3: STA 467+45.24 LT TO STA 467+95.84 LT
MGS TERMINAL EAT: STA 467+95.84 LT TO STA 468+45.84 LT

CONCRETE PAVEMENT 12-INCH
CONCRETE PAVEMENT APPROACH SLAB
CONCRETE SURFACE DRAINS

+95.84
26.01'LT
+20.84
27.34'LT
+45.84
30.00' LT
POST 9 MGS
+95.84
22.01' LT
POST 5 MGS
+20.84
23.01' LT
POST 1 MGS
+45.84
24.00' LT
+14.61
24.00' LT

AT&T WI - FIBER OPTIC

SI

+28.74
22.00' LT
+03.74
17.00' LT

466 467 468 STH 16 469 470 471 472

+74.24
17.00' RT
POST 9 MGS
+34.24
24.00' RT
POST 5 MGS
+59.24
25.00' RT
POST 1 MGS
+84.24
26.00' RT
+34.24
28.00' RT
+59.25
30.33' RT
+84.24
32.00' RT

+34.92
22.00' RT

SI

CONCRETE SURFACE DRAINS

AT&T WI - FIBER OPTIC

WE ENERGIES - ELECTRIC
SPECTRUM - COMMUNICATIONS

MGS THRIE BEAM TRANSITION: STA 467+44.18 RT TO STA 467+83.71 RT
MGS GUARDRAIL 3: STA 467+83.71 RT TO STA 468+34.24 RT
MGS TERMINAL EAT: STA 468+34.24 RT TO STA 468+84.24 RT

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CONSTRUCTION DETAILS - GUARDRAIL	SHEET 34	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\021002-CD.DWG
LAYOUT NAME - 021010-cd
PLOT DATE : 11/20/2024 3:34 PM
PLOT BY : JORDYN BENN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

N

GRADING FOR POTENTIAL FUTURE SIDEWALK

CR-A

CR-B

CR-C

CR-D

CR-E

CR-F

CR-G

CR-H

STH 16

MAIN ST

FRONTAGE RD

OAK HILL RD

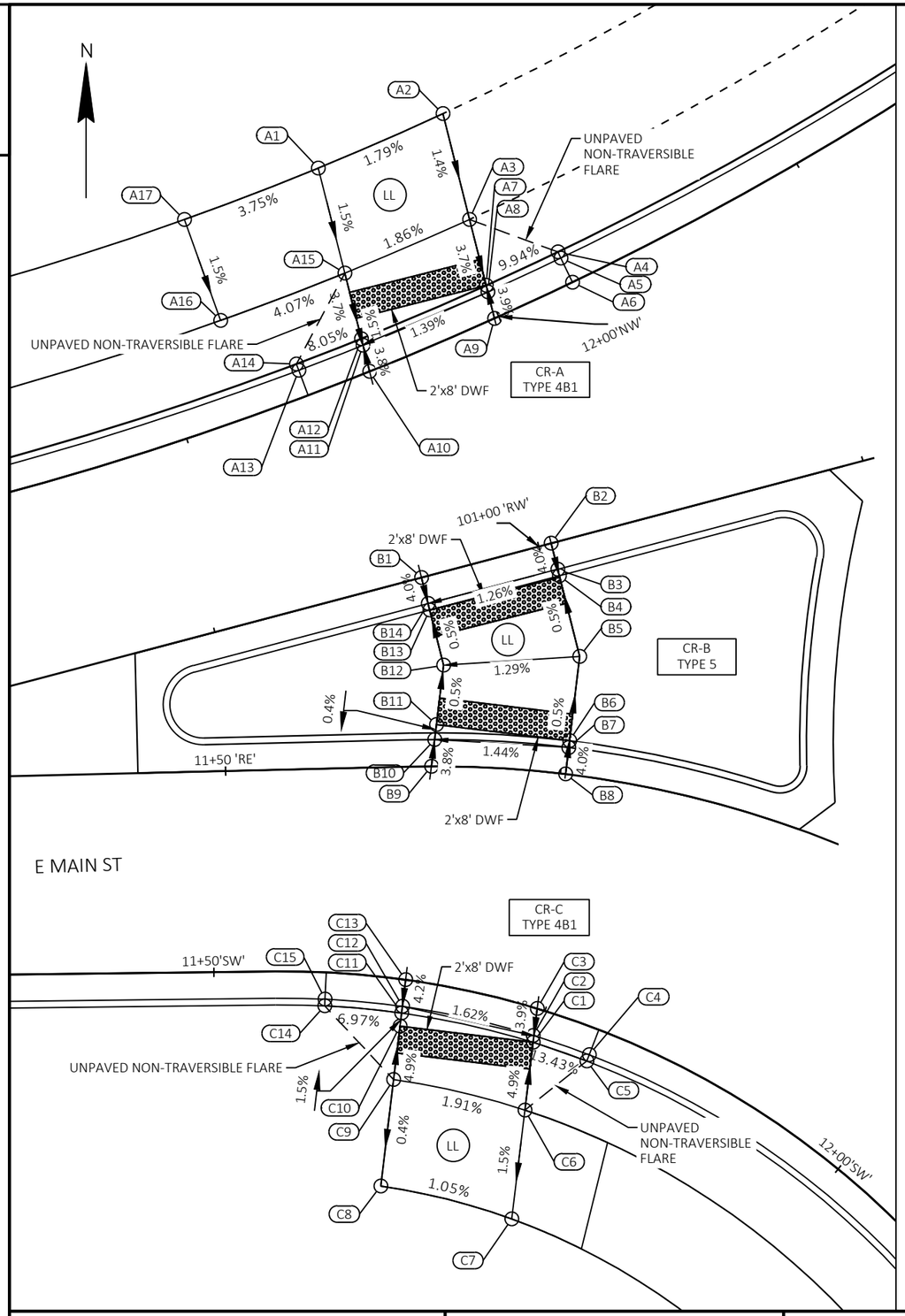
STH 16

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CURB RAMP DETAILS - OVERVIEW	SHEET 35	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\021003-CD.DWG
LAYOUT NAME - Overview

PLOT DATE : 8/29/2024 8:19 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

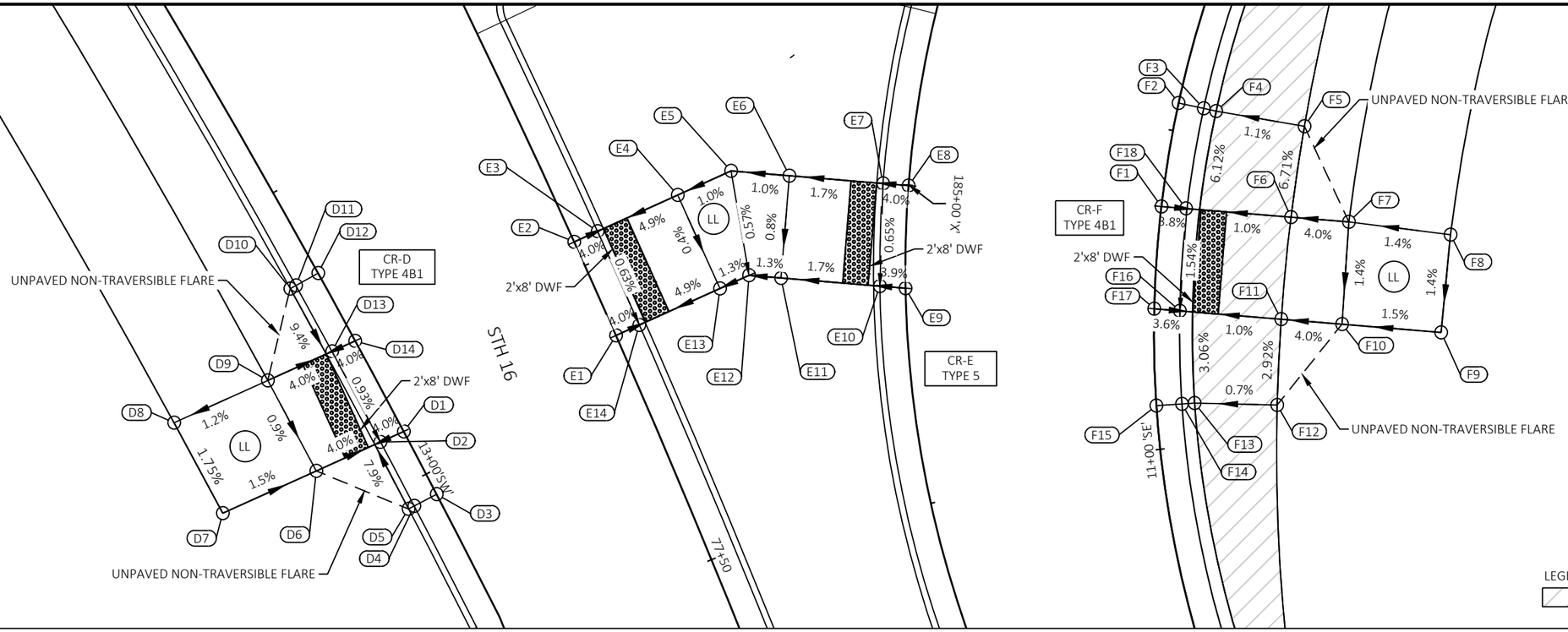
WISDOT/CADDS SHEET 42



CR-A					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
A1	12+08.23'NW'	15.50' RT	843.89	626655.68	884731.94
A2	11+97.41'NW'	15.50' RT	844.07	626659.74	884741.23
A3	11+98.97'NW'	7.50' RT	843.96	626651.85	884743.22
A4	11+93.93'NW'	2.50' RT	844.36	626649.42	884749.81
A5	11+93.93'NW'	2.00' RT	844.36	626648.97	884750.03
A6	11+93.93'NW'	0.00'	843.95	626647.17	884750.90
A7	11+99.90'NW'	2.50' RT	843.77	626646.93	884744.46
A8	11+99.99'NW'	2.01' RT	843.77	626646.44	884744.58
A9	12+00.34'NW'	0.00'	843.85	626644.46	884745.08
A10	12+10.47'NW'	0.00'	843.70	626640.51	884735.77
A11	12+10.19'NW'	2.00' RT	843.62	626642.47	884735.27
A12	12+10.13'NW'	2.50' RT	843.62	626642.95	884735.15
A13	12+15.37'NW'	2.00' RT	843.87	626640.60	884730.49
A14	12+15.37'NW'	2.50' RT	844.04	626641.07	884730.31
A15	12+09.42'NW'	7.50' RT	843.77	626647.85	884733.92
A16	12+19.64'NW'	7.50' RT	844.17	626644.31	884724.66
A17	12+19.66'NW'	15.50' RT	844.29	626651.84	884721.94

CR-B					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
B1	11+64.79'RE'	14.09' LT	843.91	626625.14	884739.64
B2	11+72.80'RE'	17.01' LT	844.03	626627.70	884749.31
B3	11+73.35'RE'	15.13' LT	843.95	626625.76	884749.80
B4	11+73.50'RE'	14.66' LT	843.95	626625.27	884749.92
B5	11+75.38'RE'	8.83' LT	843.98	626619.24	884751.44
B6	11+75.38'RE'	2.50' LT	844.01	626612.96	884750.68
B7	11+75.38'RE'	1.99' LT	844.01	626612.46	884750.62
B8	11+75.38'RE'	0.00'	844.09	626610.48	884750.38
B9	11+65.35'RE'	0.00'	843.94	626611.05	884740.38
B10	11+65.60'RE'	2.00' LT	843.87	626613.06	884740.62
B11	11+65.73'RE'	3.10' LT	843.87	626614.16	884740.75
B12	11+66.22'RE'	7.54' LT	843.85	626618.60	884741.29
B13	11+65.30'RE'	11.66' LT	843.83	626622.71	884740.25
B14	11+65.19'RE'	12.15' LT	843.83	626623.20	884740.13

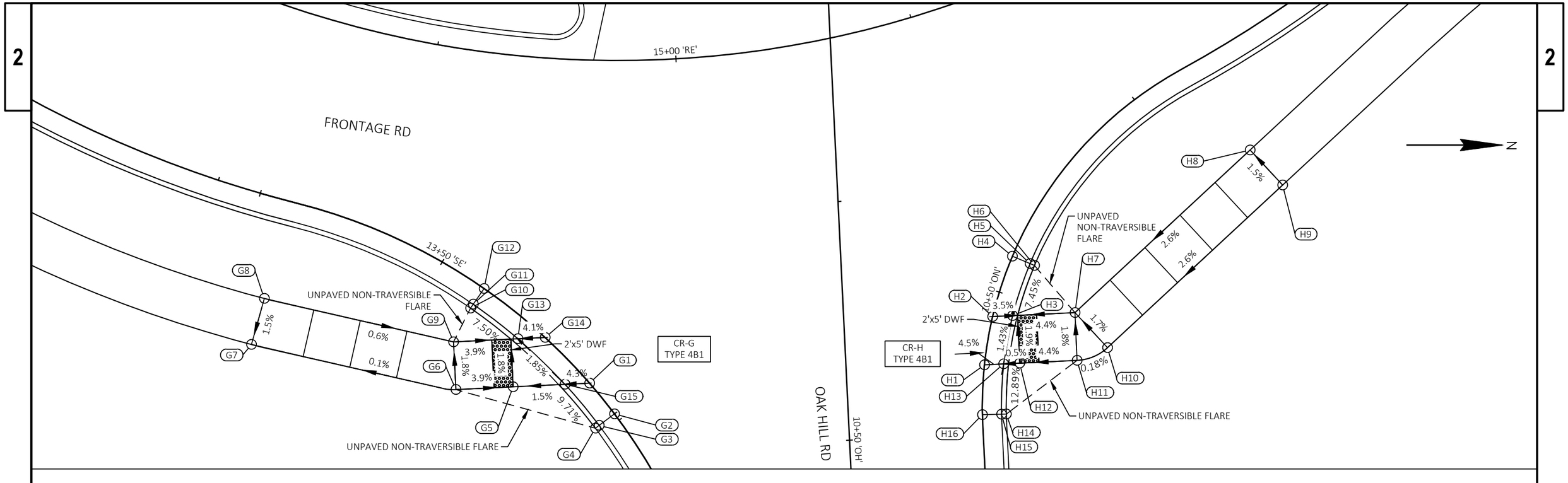
CR-C					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
C1	11+74.84'SW'	2.50' RT	843.99	626590.46	884747.96
C2	11+74.69'SW'	2.02' RT	843.99	626590.96	884747.96
C3	11+74.39'SW'	0.00'	844.07	626592.99	884748.27
C4	11+79.25'SW'	2.00' RT	844.56	626589.54	884752.15
C5	11+79.25'SW'	2.50' RT	844.56	626589.08	884751.97
C6	11+75.87'SW'	7.50' RT	844.24	626585.41	884747.35
C7	11+77.96'SW'	15.50' RT	844.12	626577.29	884746.37
C8	11+64.70'SW'	15.50' RT	844.01	626579.74	884736.60
C9	11+64.49'SW'	7.50' RT	844.05	626587.69	884737.55
C10	11+64.40'SW'	3.50' RT	843.85	626591.66	884738.03
C11	11+64.38'SW'	2.50' RT	843.83	626592.65	884738.15
C12	11+64.37'SW'	2.00' RT	843.83	626593.15	884738.21
C13	11+64.33'SW'	0.00'	843.91	626595.13	884738.45
C14	11+58.38'SW'	2.50' RT	844.24	626593.19	884732.41
C15	11+58.38'SW'	2.00' RT	843.90	626593.69	884732.44



CR-D					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
D1	12+96.24'SW'	0.00'	844.69	626500.60	884822.85
D2	12+96.11'SW'	2.00' RT	844.61	626499.77	884821.02
D3	13+01.78'SW'	0.00'	844.64	626495.69	884825.42
D4	13+01.78'SW'	1.97' RT	844.56	626494.78	884823.68
D5	13+01.78'SW'	2.49' RT	845.05	626494.54	884823.21
D6	12+95.77'SW'	7.47' RT	844.81	626497.51	884816.03
D7	12+95.25'SW'	15.47' RT	844.93	626494.21	884808.72
D8	12+87.07'SW'	15.47' RT	844.79	626501.27	884804.92
D9	12+87.67'SW'	7.47' RT	844.88	626504.58	884812.23
D10	12+82.19'SW'	2.49' RT	845.23	626511.75	884813.98
D11	12+82.19'SW'	1.98' RT	844.73	626512.00	884814.43
D12	12+82.19'SW'	0.00'	844.81	626512.95	884816.16
D13	12+88.08'SW'	1.97' RT	844.68	626506.85	884817.25
D14	12+88.22'SW'	0.00'	844.76	626507.67	884819.06

CR-E					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
E1	77+30.97	0.00'	845.01	626508.09	884839.42
E2	77+22.97	0.00'	845.06	626515.40	884836.16
E3	77+22.97	2.00' LT	844.98	626516.22	884837.98
E4	77+22.97	8.86' LT	845.29	626519.05	884844.23
E5	77+22.97	13.43' LT	845.33	626520.93	884848.40
E6	77+25.15	17.43' LT	845.38	626520.56	884852.96
E7	77+28.59	23.86' LT	845.49	626519.95	884860.27
E8	77+29.51	25.62' LT	845.57	626519.79	884862.26
E9	77+36.55	22.19' LT	845.52	626511.78	884862.02
E10	77+35.62	20.42' LT	845.44	626511.95	884860.02
E11	77+32.03	13.60' LT	845.32	626512.58	884852.30
E12	77+30.86	11.40' LT	845.28	626512.79	884849.81
E13	77+30.88	8.90' LT	845.25	626511.76	884847.53
E14	77+30.95	2.00' LT	844.93	626508.92	884841.24

CR-F					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
F1	11+19.00'SE'	0.00' LT	845.38	626518.16	884882.00
F2	11+27.19'SE'	0.00' LT	845.52	626526.24	884883.34
F3	11+27.19'SE'	2.00' RT	845.47	626525.82	884885.30
F4	11+27.19'SE'	3.00' RT	845.78	626525.61	884886.28
F5	11+27.53'SE'	9.98' RT	845.85	626524.42	884893.16
F6	11+19.39'SE'	10.14' RT	845.37	626517.32	884892.12
F7	11+19.61'SE'	14.67' RT	845.55	626516.95	884896.64
F8	11+19.60'SE'	22.67' RT	845.66	626515.96	884904.58
F9	11+09.18'SE'	22.42' RT	845.56	626508.33	884903.84
F10	11+09.94'SE'	14.68' RT	845.44	626508.97	884896.10
F11	11+10.32'SE'	9.92' RT	845.25	626509.36	884891.36
F12	11+02.78'SE'	9.42' RT	845.45	626502.66	884891.04
F13	11+03.43'SE'	2.99' RT	845.40	626502.81	884884.59
F14	11+03.43'SE'	2.00' RT	845.10	626502.75	884883.60
F15	11+03.43'SE'	0.00' RT	845.14	626502.62	884881.61
F16	11+10.87'SE'	2.00' RT	845.18	626510.01	884883.44
F17	11+10.99'SE'	0.00' LT	845.25	626510.18	884881.44
F18	11+19.06'SE'	1.92' RT	845.30	626518.00	884883.91



CR-G					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
G1	13+70.05'SE'	0.00'	848.96	626699.82	885039.81
G2	13+74.19'SE'	0.00' RT	849.04	626702.42	885043.03
G3	13+74.19'SE'	2.00' RT	848.96	626700.83	885044.24
G4	13+74.19'SE'	2.50' RT	849.46	626700.43	885044.54
G5	13+64.53'SE'	6.06' RT	848.81	626691.83	885040.20
G6	13+59.55'SE'	10.24' RT	849.04	626685.83	885040.49
G7	13+32.72'SE'	15.50' RT	849.01	626664.46	885035.77
G8	13+32.79'SE'	10.50' RT	849.09	626665.80	885030.96
G9	13+55.82'SE'	6.40' RT	848.96	626685.59	885035.49
G10	13+55.19'SE'	2.50' RT	849.12	626687.36	885031.96
G11	13+55.19'SE'	2.00' RT	848.69	626687.65	885031.55
G12	13+55.19'SE'	0.00' LT	848.70	626688.79	885029.91
G13	13+61.30'SE'	2.00' RT	848.73	626692.32	885035.17
G14	13+63.38'SE'	0.00'	848.84	626695.17	885035.03
G15	13+68.40'SE'	2.00' RT	848.85	626697.25	885039.94

CR-H					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
H1	10+42.22'ON'	0.00'	849.39	626741.11	885037.90
H2	10+47.35'ON'	0.00'	849.30	626741.97	885032.85
H3	10+47.96'ON'	2.00' RT	849.23	626744.06	885032.75
H4	10+54.00'ON'	0.00' RT	849.20	626744.04	885026.53
H5	10+54.00'ON'	2.00' RT	849.12	626745.88	885027.31
H6	10+54.00'ON'	2.50' RT	849.62	626746.35	885027.50
H7	10+50.35'ON'	8.19' RT	849.48	626750.58	885032.44
H8	10+82.93'ON'	10.87' RT	850.14	626768.90	885015.43
H9	10+83.94'ON'	15.74' RT	850.21	626772.30	885019.09
H10	10+46.78'ON'	12.43' RT	849.56	626753.98	885036.10
H11	10+44.16'ON'	9.55' RT	849.57	626750.80	885037.43
H12	10+42.84'ON'	3.65' RT	849.31	626744.81	885037.72
H13	10+42.54'ON'	1.98' RT	849.30	626743.12	885037.80
H14	10+37.00'ON'	2.50' RT	849.98	626743.41	885043.05
H15	10+37.00'ON'	2.00' RT	849.48	626742.91	885043.06
H16	10+37.00'ON'	0.00'	849.56	626740.91	885043.11

2

N

REMOVING INLETS

WE ENERGIES - ELECTRIC
SPECTRUM - COMMUNICATIONS

REMOVING INLETS

BEGIN CONSTRUCTION
158+12.54'FR'
MATCH EXISTING
SAW CUT REQD

156'FR'

FRONTAGE ROAD

158'FR'

160'FR'

XXX

10'EM'

OAK HILL RD

8'EM'

CITY OF WATERTOWN - SANITARY FORCE MAIN

SPECTRUM - COMMUNICATIONS

REMOVING STORM SEWER (12-IN)

CITY OF WATERTOWN - WATER

WE ENERGIES - GAS

68'EX'

STH 16

70'EX'

72'EX'

74'EX'

76'EX'

78'EX'

80'EX'

STH 16

82'EX'

CAUTION

BEGIN PROJECT 1370-00-76
STA 70+62.53
Y=627,156.458
X=884,668.315

AT&T WI - TELECOMMUNICATIONS

CAUTION

REMOVING SMALL PIPE CULVERTS

WE ENERGIES - GAS

REMOVING STORM SEWER (12-IN)

REMOVING INLETS

WE ENERGIES - ELECTRIC

REMOVING STORM SEWER (12-IN)

REMOVING INLETS

CAUTION

BEGIN CONSTRUCTION
4+15.70'EM'
MATCH EXISTING
SAW CUT REQD

E MAIN ST

MATCHLINE 83+00'EX'

MATCHLINE 83+00'EX'

84'EX'

86'EX'

88

90

STH 16

200'X'

202'X'

204'X'

STH 16 WB

92

94

96

STH 16 EB

END PROJECT 1370-00-76
BEGIN PROJECT 1370-00-73
STA 86+14.27'EX' =
STA 86+14.27
Y=625,697.204
X=885,188.083

WE ENERGIES - ELECTRIC

MATCHLINE 98+00

LEGEND

- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING CONCRETE PAVEMENT
- REMOVING ASPHALTIC SURFACE BUTT JOINTS
- REMOVING ASPHALTIC SURFACE (INCLUDED IN EXCAVATION COMMON)
- SALVAGED RAIL
- XXXXXXX SAWING ASPHALT
- YYYYYYY SAWING CONCRETE
- REMOVING CURB AND GUTTER

N

WE ENERGIES - ELECTRIC

AT&T WI - TELECOMMUNICATIONS

AT&T WI - FIBER OPTIC

OAK HILL RD

XXX

12'EM'

END CONSTRUCTION
12+36.10'EM'
MATCH EXISTING
SAW CUT REQD

AT&T WI - FIBER OPTIC

2

PROJECT NO: 1370-00-73/76	HWY: STH 16	COUNTY: JEFFERSON	REMOVALS	SHEET 39	E

2

MATCHLINE 98+00

MATCHLINE 211+00'X'

MATCHLINE 217+00'Y'

MATCHLINE 113+00

MATCHLINE 225+00'X'

MATCHLINE 211+00'Y'

MATCHLINE 108+00'Z'

MATCHLINE 138+00

STH 16 WB

STH 16 EB

STH 19 WB RAMP

STH 19 EB RAMP

EAST GATE DR

EXISTING STRUCTURE B-28-0022

AT&T WI - TELECOMMUNICATIONS

AT&T WI - FIBER OPTICS

AT&T WI - FIBER OPTIC

REMOVING INLETS

REMOVING STORM SEWER (24-INCH)

WE ENERGIES - ELECTRIC

SPECTRUM - COMMUNICATIONS

CITY OF WATERTOWN - STORM SEWER

WE ENERGIES - GAS

RIPRAP

POST

SIGN

FO

OH

SEPC

SEPV

SLAB

WELL

LEGEND

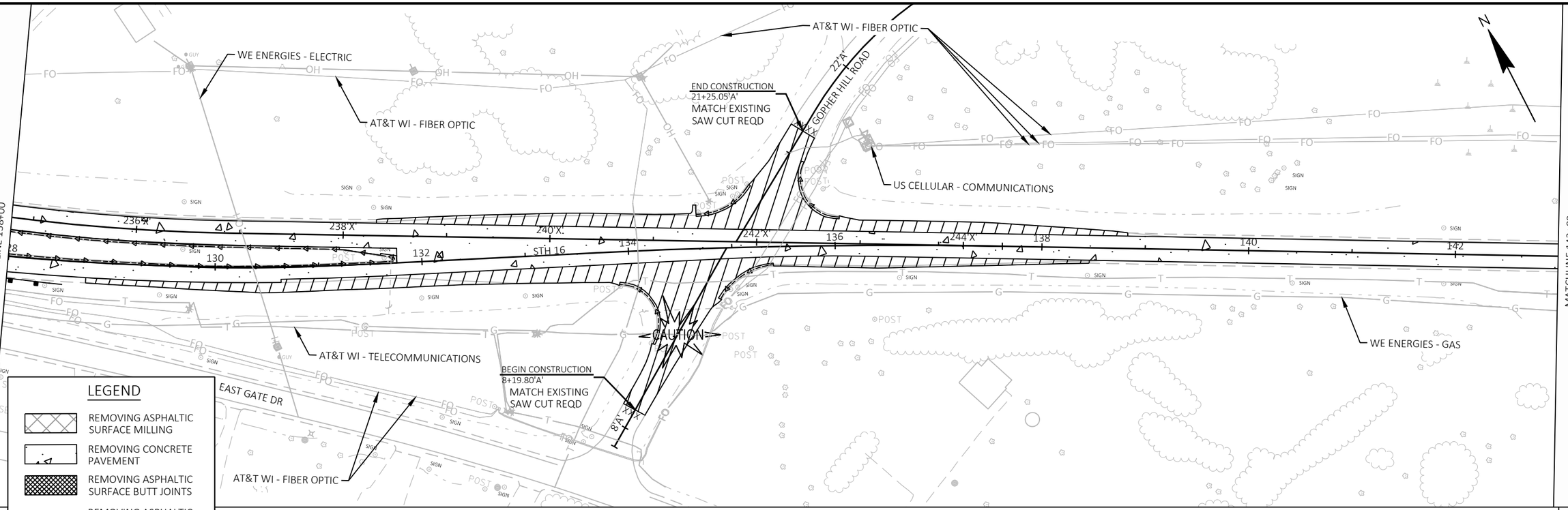
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING CONCRETE PAVEMENT
- REMOVING ASPHALTIC SURFACE BUTT JOINTS
- REMOVING ASPHALTIC SURFACE (INCLUDED IN EXCAVATION COMMON)
- SALVAGED RAIL
- XXXXXXX SAWING ASPHALT
- YYYYYYY SAWING CONCRETE
- REMOVING CURB AND GUTTER

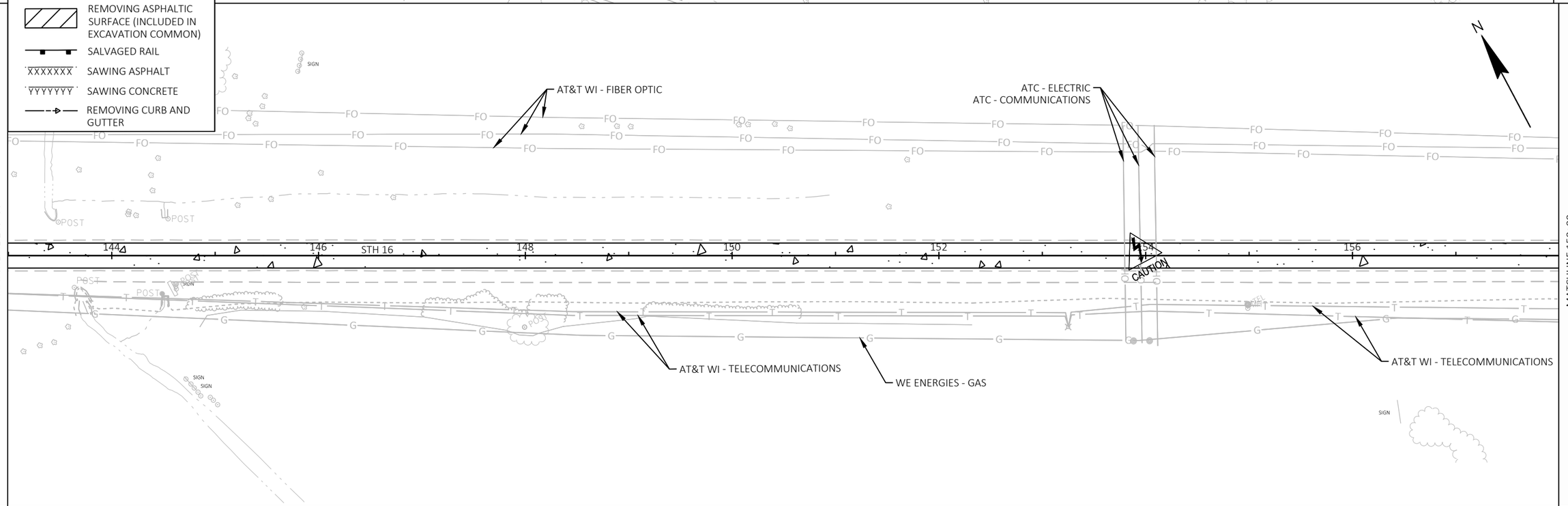
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	REMOVALS	SHEET 40	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020501-RM.DWG
LAYOUT NAME - 020502-rm-98+00.00

PLOT DATE : 11/19/2024 1:41 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2





PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	REMOVALS	SHEET 41	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020501-RM.DWG
LAYOUT NAME - 020503-rm-128+00.00

PLOT DATE : 11/19/2024 1:41 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

MATCHLINE 158+00

MATCHLINE 173+00

AT&T WI - FIBER OPTIC

POST

160 STH 16 162 164 166 168 170 172

POST

WE ENERGIES - GAS

AT&T WI - TELECOMMUNICATIONS

SIGN

SIGN

LEGEND

- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING CONCRETE PAVEMENT
- REMOVING ASPHALTIC SURFACE BUTT JOINTS
- REMOVING ASPHALTIC SURFACE (INCLUDED IN EXCAVATION COMMON)
- SALVAGED RAIL
- XXXXXXX SAWING ASPHALT
- YYYYYYY SAWING CONCRETE
- REMOVING CURB AND GUTTER

MATCHLINE 173+00

MATCHLINE 188+00

AT&T WI - FIBER OPTIC

12'B' ASH ROAD

END CONSTRUCTION
11+00.00'B'
MATCH EXISTING
SAW CUT REQD

WE ENERGIES - ELECTRIC

SIGNS

POST

174 176 STH 16 178 180 182 184 186

AT&T WI - TELECOMMUNICATIONS

WE ENERGIES - GAS

WE ENERGIES - GAS

BEGIN CONSTRUCTION
9+05.99'C'
MATCH EXISTING
SAW CUT REQD

CAUTION

EAST GATEWAY RATE 8'C'

WE ENERGIES - ELECTRIC

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	REMOVALS	SHEET 42	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020501-RM.DWG
LAYOUT NAME - 020504-rm-158+00.00

PLOT DATE : 11/19/2024 1:41 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

MATCHLINE 188+00

AT&T WI - FIBER OPTIC

STH 16

190 192 194 196 198 200 202

AT&T WI - TELECOMMUNICATIONS

WE ENERGIES - GAS

WE ENERGIES - ELECTRIC

MATCHLINE 203+00

2

LEGEND

- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING CONCRETE PAVEMENT
- REMOVING ASPHALTIC SURFACE BUTT JOINTS
- REMOVING ASPHALTIC SURFACE (INCLUDED IN EXCAVATION COMMON)
- SALVAGED RAIL
- SAWING ASPHALT
- SAWING CONCRETE
- REMOVING CURB AND GUTTER

MATCHLINE 203+00

AT&T WI - FIBER OPTIC

END CONSTRUCTION
10+91.08'D'
MATCH EXISTING
SAW CUT REQD

REGGAN LANE

CAUTION

STH 16

204 206 208 210 212 214 216

AT&T WI - TELECOMMUNICATIONS

WE ENERGIES - GAS

WE ENERGIES - ELECTRIC

MATCHLINE 218+00

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	REMOVALS	SHEET 43	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020501-RM.DWG
LAYOUT NAME - 020505-rm-188+00.00

PLOT DATE : 11/19/2024 1:41 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

MATCHLINE 218+00

AT&T WI - FIBER OPTIC

STH 16

AT&T WI - TELECOMMUNICATIONS

WE ENERGIES - GAS

LEGEND

- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING CONCRETE PAVEMENT
- REMOVING ASPHALTIC SURFACE BUTT JOINTS
- REMOVING ASPHALTIC SURFACE (INCLUDED IN EXCAVATION COMMON)
- SALVAGED RAIL
- SAWING ASPHALT
- SAWING CONCRETE
- REMOVING CURB AND GUTTER

MATCHLINE 233+00

AT&T WI - TELECOMMUNICATIONS

HUSTISFORD ROAD 12'E'

AT&T WI - FIBER OPTIC

END CONSTRUCTION
10+91.37'E'
MATCH EXISTING
SAW CUT REQD

WE ENERGIES - ELECTRIC

WE ENERGIES - GAS

STH 16

CAUTION

CAUTION

AT&T WI - TELECOMMUNICATIONS

BEGIN CONSTRUCTION
9+30.00'E'
MATCH EXISTING
SAW CUT REQD

AT&T LEGACY - FIBER OPTIC

8'E'

MATCHLINE 248+00

2

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	REMOVALS	SHEET 44	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020501-RM.DWG
LAYOUT NAME - 020506-rm-218+00.00

PLOT DATE : 11/19/2024 1:41 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

MATCHLINE 248+00

MATCHLINE 263+00

2

AT&T WI - FIBER OPTIC

WE ENERGIES - GAS

WE ENERGIES - GAS

WE ENERGIES - ELECTRIC

CAUTION

250 252 254 256 258 260 STH 16 262

WE ENERGIES - GAS

AT&T WI - TELECOMMUNICATIONS

LEGEND

- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING CONCRETE PAVEMENT
- REMOVING ASPHALTIC SURFACE BUTT JOINTS
- REMOVING ASPHALTIC SURFACE (INCLUDED IN EXCAVATION COMMON)
- SALVAGED RAIL
- XXXXXXX SAWING ASPHALT
- YYYYYYY SAWING CONCRETE
- REMOVING CURB AND GUTTER

CAUTION

T-BAR LANE

SIGNS

END CONSTRUCTION
10+88.91'F'
MATCH EXISTING
SAW CUT REQD

REMOVING SMALL PIPE CULVERT

WE ENERGIES - GAS

AT&T WI - FIBER OPTIC

264 266 268 270 272 274 STH 16 276

AT&T WI - TELECOMMUNICATIONS

WE ENERGIES - GAS

WE ENERGIES - ELECTRIC

MATCHLINE 263+00

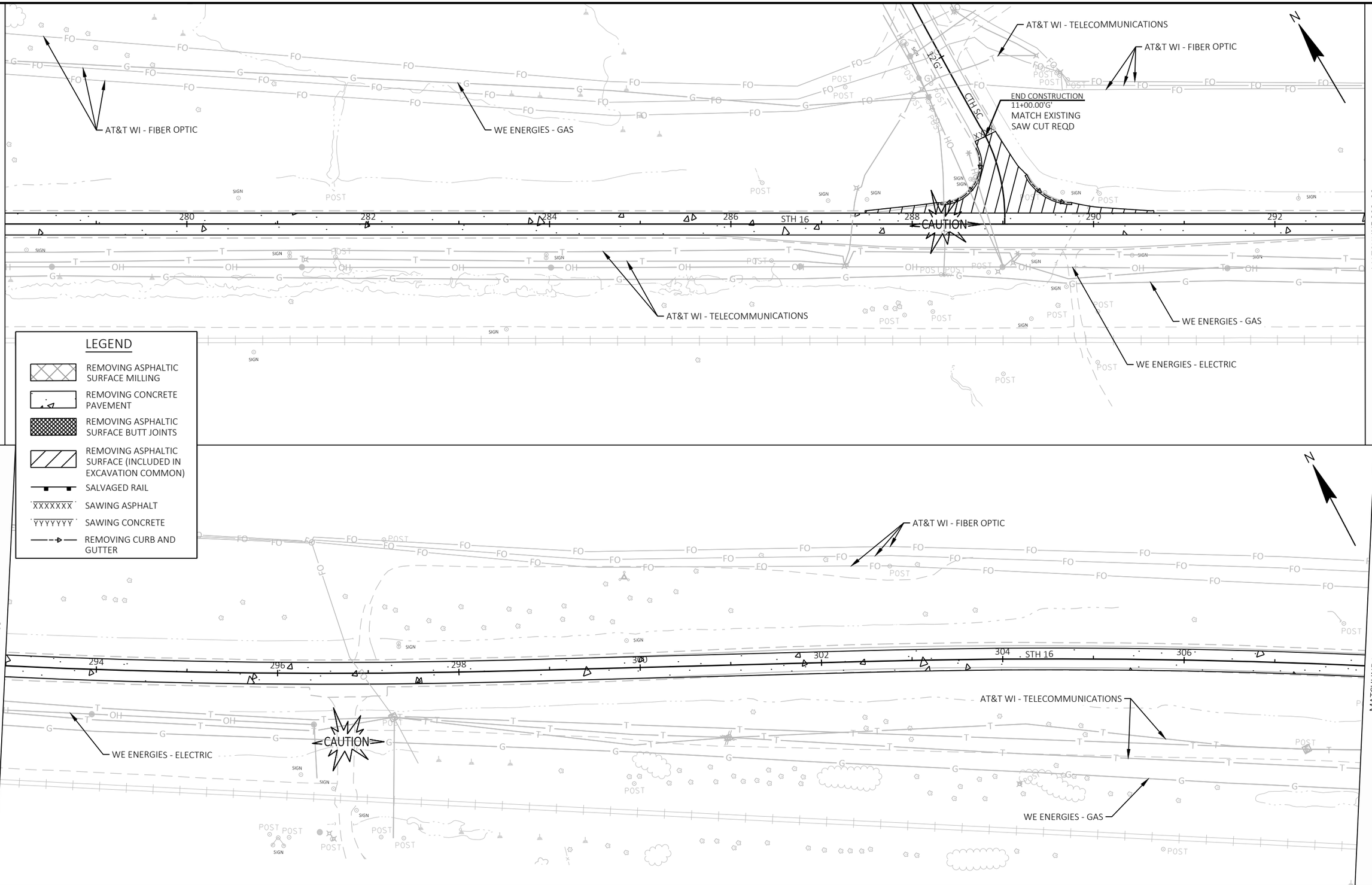
MATCHLINE 278+00

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	REMOVALS	SHEET 45	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020501-RM.DWG
LAYOUT NAME - 020507-rm-248+00.00

PLOT DATE : 11/19/2024 1:41 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42


MATCHLINE 278+00
MATCHLINE 293+00
MATCHLINE 293+00
MATCHLINE 308+00
AT&T WI - FIBER OPTIC
WE ENERGIES - GAS
AT&T WI - TELECOMMUNICATIONS
AT&T WI - FIBER OPTIC
END CONSTRUCTION
11+00.00'G'
MATCH EXISTING
SAW CUT REQD
CTH SC
STH 16
CAUTION
AT&T WI - TELECOMMUNICATIONS
WE ENERGIES - GAS
WE ENERGIES - ELECTRIC
LEGEND
REMOVING ASPHALTIC SURFACE MILLING
REMOVING CONCRETE PAVEMENT
REMOVING ASPHALTIC SURFACE BUTT JOINTS
REMOVING ASPHALTIC SURFACE (INCLUDED IN EXCAVATION COMMON)
SALVAGED RAIL
SAWING ASPHALT
SAWING CONCRETE
REMOVING CURB AND GUTTER
AT&T WI - FIBER OPTIC
WE ENERGIES - ELECTRIC
CAUTION
STH 16
AT&T WI - TELECOMMUNICATIONS
WE ENERGIES - GAS

2

MATCHLINE 308+00

AT&T WI - FIBER OPTIC

STH 16

AT&T WI - TELECOMMUNICATIONS

SPECTRUM - COMMUNICATIONS

WE ENERGIES - GAS

MATCHLINE 323+00

2

LEGEND

- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING CONCRETE PAVEMENT
- REMOVING ASPHALTIC SURFACE BUTT JOINTS
- REMOVING ASPHALTIC SURFACE (INCLUDED IN EXCAVATION COMMON)
- SALVAGED RAIL
- SAWING ASPHALT
- SAWING CONCRETE
- REMOVING CURB AND GUTTER

AT&T WI - FIBER OPTIC

WE ENERGIES - ELECTRIC

REMOVING SMALL PIPE CULVERT

STH 16

SPECTRUM - COMMUNICATIONS

AT&T WI - TELECOMMUNICATIONS

WE ENERGIES - GAS

BEGIN CONSTRUCTION
9+03.66 'H'
MATCH EXISTING
SAW CUT REQD

CAUTION

HILL TOP ROAD

REMOVING SMALL PIPE CULVERT

MATCHLINE 323+00

MATCHLINE 338+00

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	REMOVALS	SHEET 47	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020501-RM.DWG
LAYOUT NAME - 020509-rm-308+00.00

PLOT DATE : 11/19/2024 1:41 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

MATCHLINE 338+00

MATCHLINE 353+00

MATCHLINE 353+00

MATCHLINE 368+00

AT&T WI - FIBER OPTIC

WE ENERGIES - ELECTRIC

SPECTRUM - COMMUNICATIONS

AT&T WI - TELECOMMUNICATIONS

WE ENERGIES - GAS

GUARDIAN - GAS

CAUTION

STH 16

340 342 344 346 348 350 352

354 356 358 360 362 364 366

FOOTBRIDGE

HIGHVIEW ROAD

22'

END CONSTRUCTION
20+88.94'I'
MATCH EXISTING
SAW CUT REQD

BEGIN CONSTRUCTION
9+09.99'I'
MATCH EXISTING
SAW CUT REQD

MARIETTA AVENUE

118

N

LEGEND

- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING CONCRETE PAVEMENT
- REMOVING ASPHALTIC SURFACE BUTT JOINTS
- REMOVING ASPHALTIC SURFACE (INCLUDED IN EXCAVATION COMMON)
- SALVAGED RAIL
- XXXXXXX SAWING ASPHALT
- YYYYYYY SAWING CONCRETE
- REMOVING CURB AND GUTTER

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	REMOVALS	SHEET 48	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020501-RM.DWG
LAYOUT NAME - 020510-rm-338+00.00

PLOT DATE : 11/19/2024 1:41 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCHLINE 368+00

MATCHLINE 383+00

HAWTHORNE DRIVE

121'

END CONSTRUCTION
10+63.36'
MATCH EXISTING
SAW CUT REQD

STH 16

368 370 372 374 376 378 380 382

AT&T WI - FIBER OPTIC

AT&T WI - TELECOMMUNICATIONS

WE ENERGIES - ELECTRIC

WE ENERGIES - ELECTRIC

AT&T WI - TELECOMMUNICATIONS

AT&T WI - FIBER OPTIC

FOOTBRIDGE

POST

SIGN

GUY

OH

FO

T

N

LEGEND

- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING CONCRETE PAVEMENT
- REMOVING ASPHALTIC SURFACE BUTT JOINTS
- REMOVING ASPHALTIC SURFACE (INCLUDED IN EXCAVATION COMMON)
- SALVAGED RAIL
- SAWING ASPHALT
- SAWING CONCRETE
- REMOVING CURB AND GUTTER

MATCHLINE 383+00

MATCHLINE 398+00

AT&T WI - TELECOMMUNICATIONS

END CONSTRUCTION
20+94.00'K'
MATCH EXISTING
SAW CUT REQD

NORTH ROAD

22'K'

WE ENERGIES - ELECTRIC
SPECTRUM - COMMUNICATIONS

STH 16

384 386 388 390 392 394 396

AT&T WI - TELECOMMUNICATIONS

WE ENERGIES - ELECTRIC

AT&T WI - FIBER OPTIC

BEGIN CONSTRUCTION
9+19.00'K'
MATCH EXISTING
SAW CUT REQD

NORTH STREET

18'K'

AT&T WI - FIBER OPTIC

WE ENERGIES - ELECTRIC
SPECTRUM - COMMUNICATIONS

AT&T WI - FIBER OPTIC

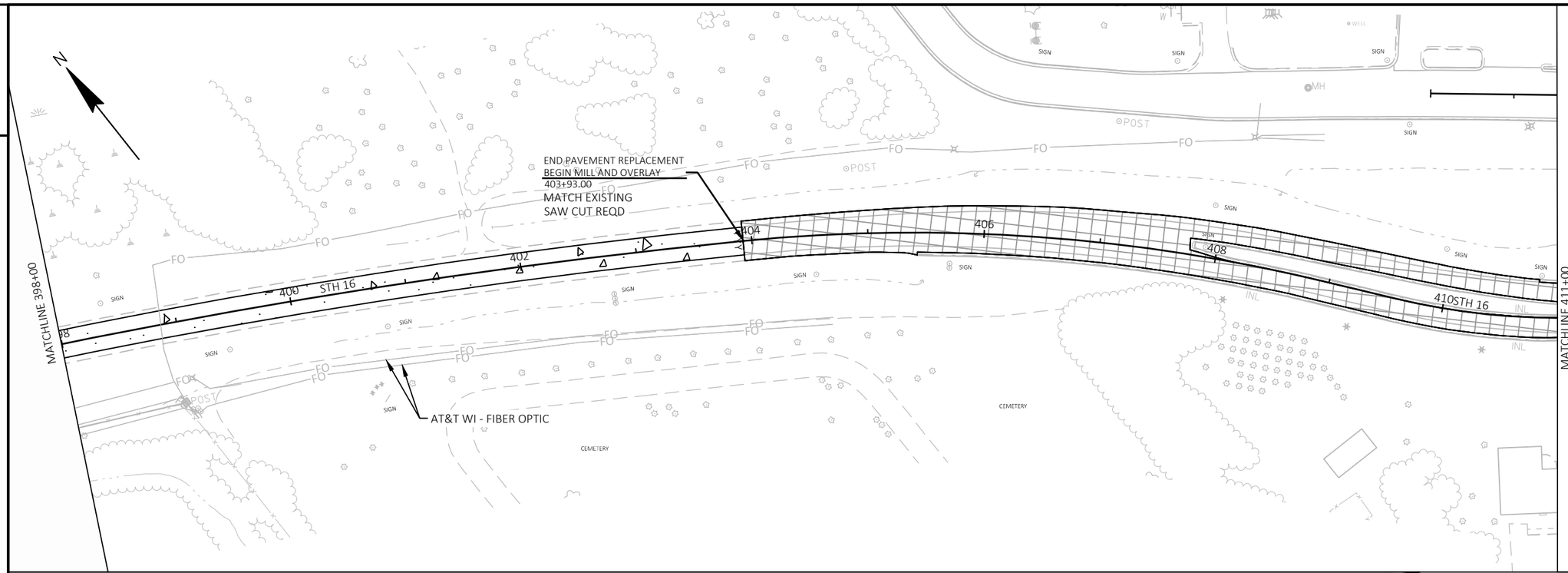
N

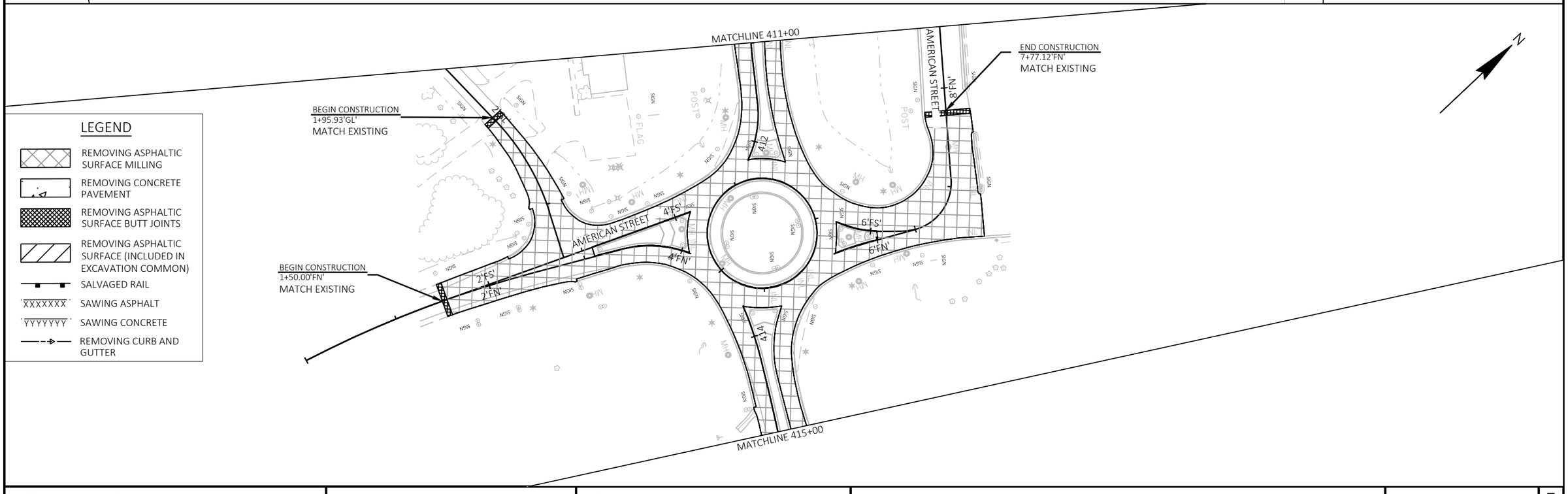
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	REMOVALS	SHEET 49	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020501-RM.DWG
LAYOUT NAME - 020511-rm-368+00.00

PLOT DATE : 11/19/2024 1:41 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



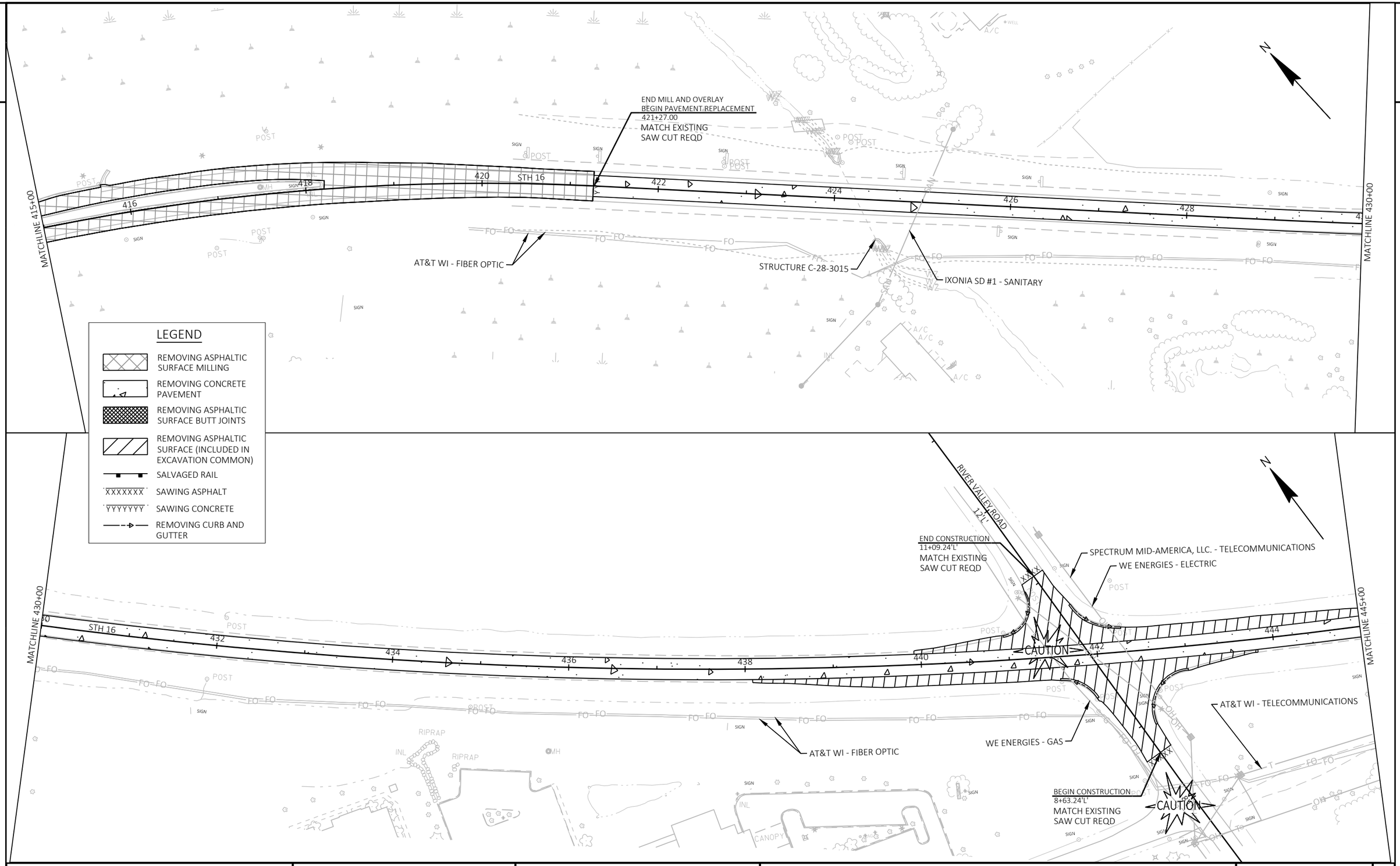


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	REMOVALS	SHEET 50	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020501-RM.DWG
LAYOUT NAME - 020512-rm-398+00.00

PLOT DATE : 11/19/2024 1:41 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	REMOVALS	SHEET 51	E

2

MATCHLINE 445+00

446 STH 16 448 450 452 454 456 458

MATCHLINE 460+00

AT&T WI - TELECOMMUNICATIONS

WE ENERGIES - ELECTRIC

SPECTRUM MID-AMERICA, LLC. - TELECOMMUNICATIONS

AT&T WI - FIBER OPTIC

LEGEND

- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING CONCRETE PAVEMENT
- REMOVING ASPHALTIC SURFACE BUTT JOINTS
- REMOVING ASPHALTIC SURFACE (INCLUDED IN EXCAVATION COMMON)
- SALVAGED RAIL
- XXXXXXX SAWING ASPHALT
- YYYYYYY SAWING CONCRETE
- REMOVING CURB AND GUTTER

AT&T WI - FIBER OPTIC

EXISTING STRUCTURE B-28-0012

AT&T WI - FIBER OPTIC

MATCHLINE 460+00

460 STH 16 462 464 466 468 470 472 474

MATCHLINE 475+00

AT&T WI - FIBER OPTIC

AT&T WI - TELECOMMUNICATIONS

SPECTRUM MID-AMERICA, LLC. - TELECOMMUNICATIONS

WE ENERGIES - ELECTRIC

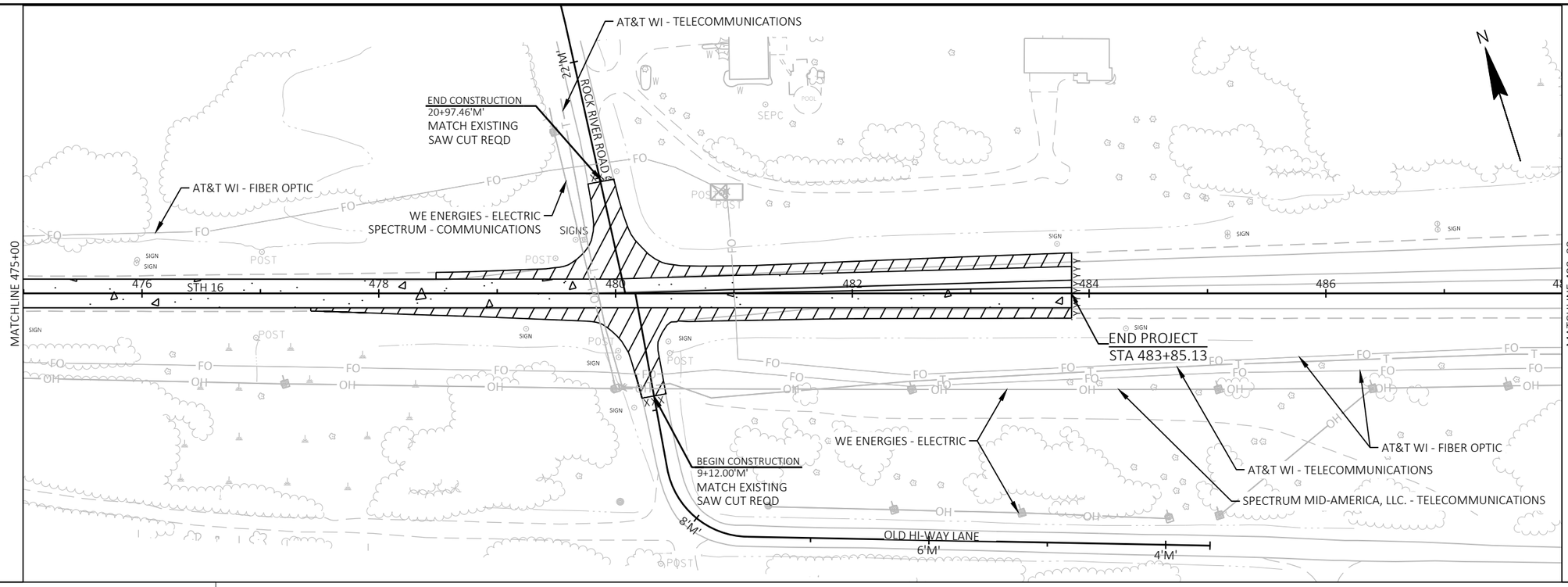
AT&T WI - FIBER OPTIC

ROCK RIVER

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	REMOVALS	SHEET 52	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020501-RM.DWG
LAYOUT NAME - 020514-rm-443+00.00
PLOT DATE : 11/19/2024 1:42 PM
PLOT BY : JORDYN BENN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



LEGEND

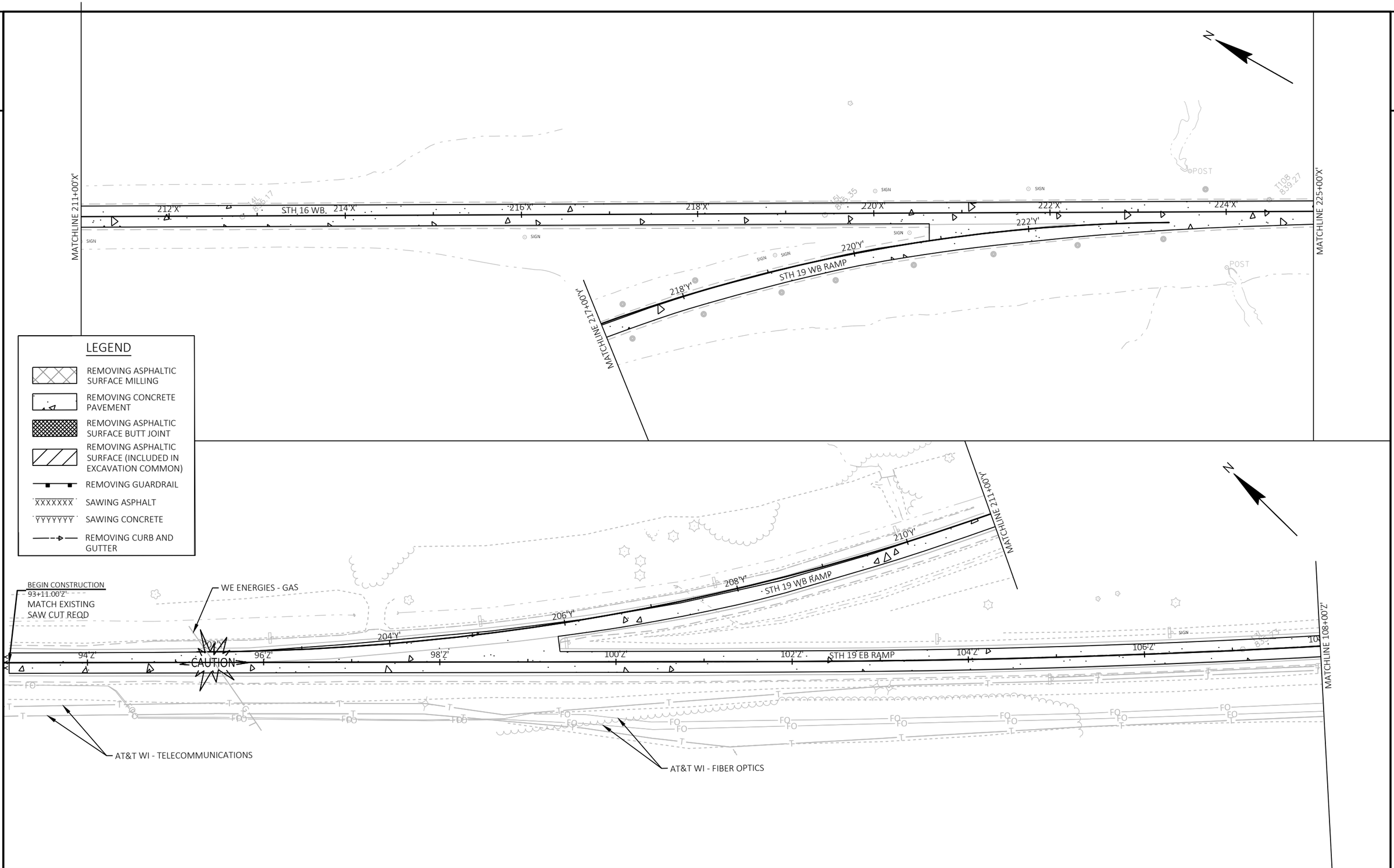
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING CONCRETE PAVEMENT
- REMOVING ASPHALTIC SURFACE BUTT JOINTS
- REMOVING ASPHALTIC SURFACE (INCLUDED IN EXCAVATION COMMON)
- SALVAGED RAIL
- XXXXXXX SAWING ASPHALT
- YYYYYYY SAWING CONCRETE
- REMOVING CURB AND GUTTER

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	REMOVALS	SHEET 53	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020501-RM.DWG
LAYOUT NAME - 020515-rm-473+00.00
PLOT DATE : 11/19/2024 1:42 PM
PLOT BY : JORDYN BENN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

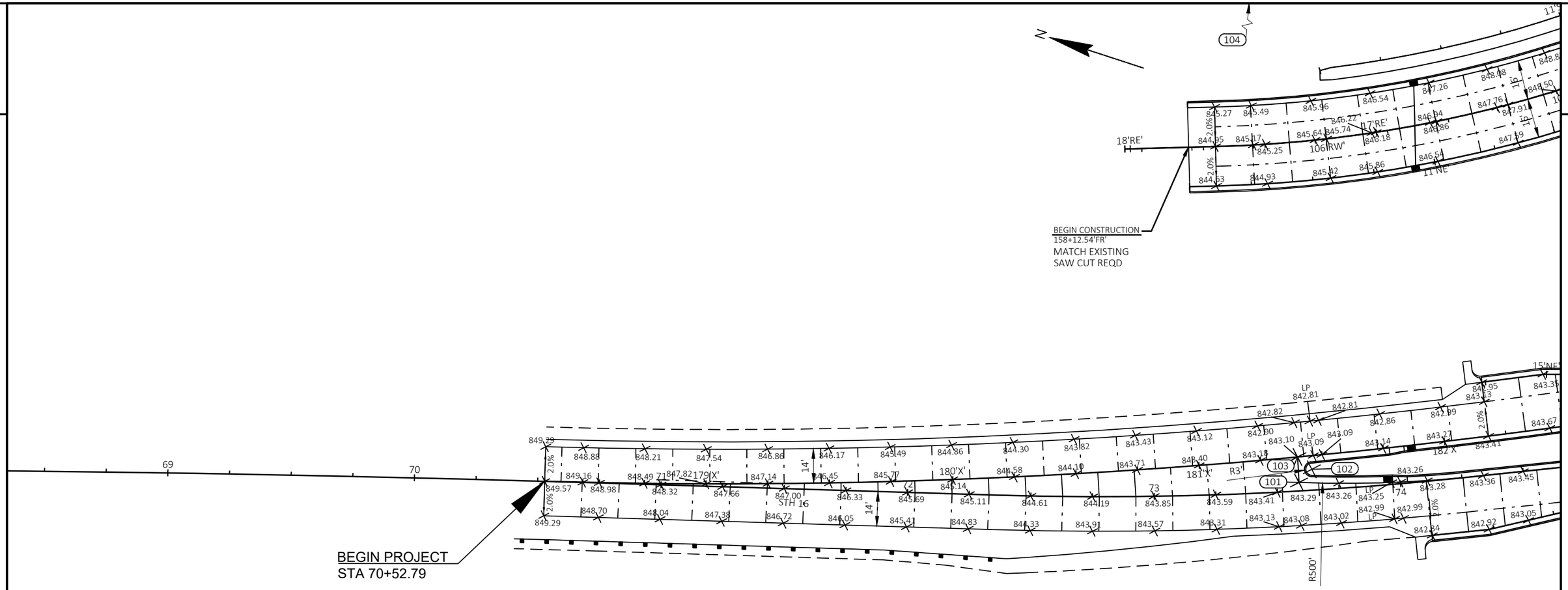
2



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	REMOVALS	SHEET 54	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020502-RM.DWG
LAYOUT NAME - RAMP

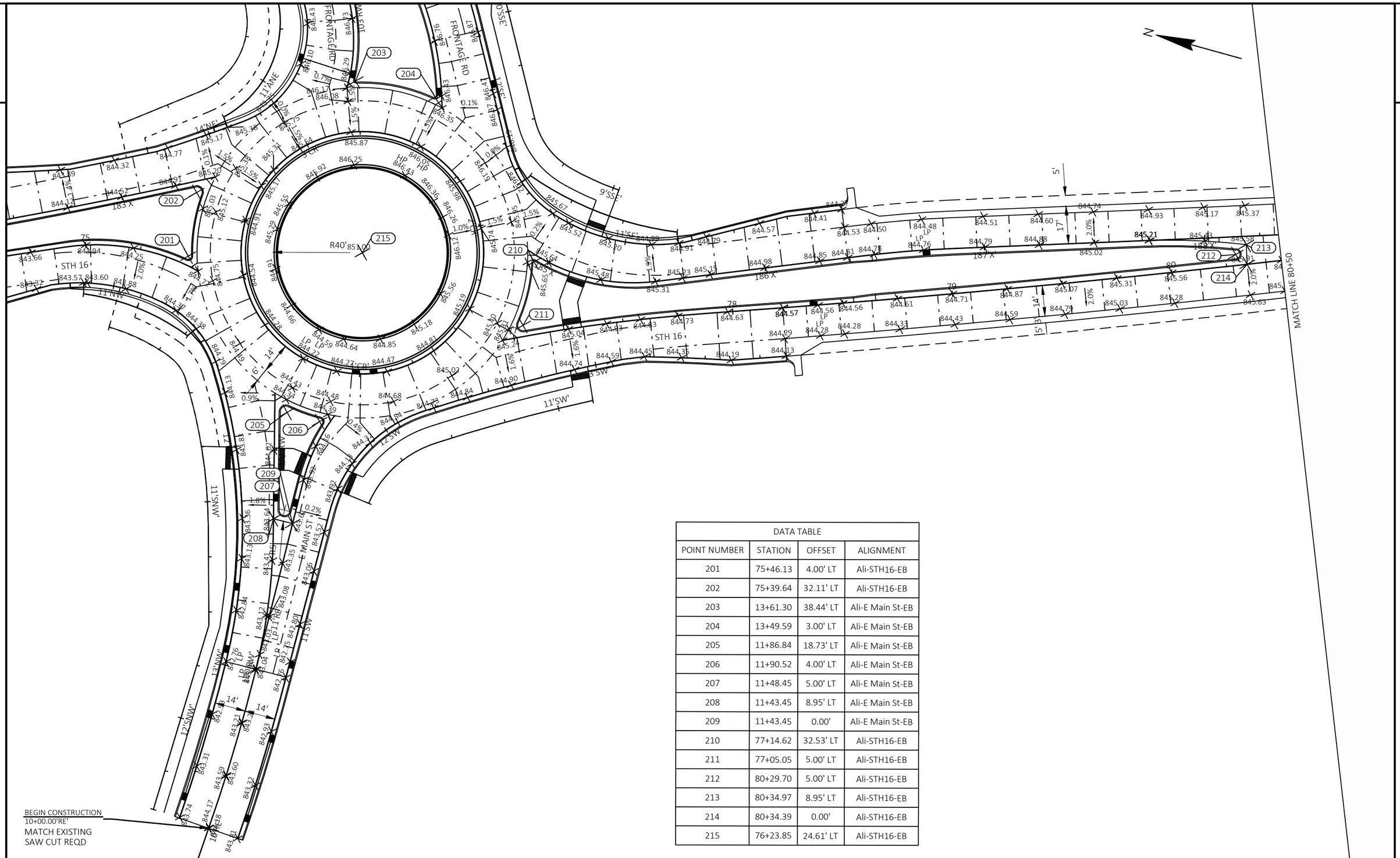
PLOT DATE : 11/19/2024 1:44 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:100 FT



DATA TABLE			
POINT NUMBER	STATION	OFFSET	ALIGNMENT
101	73+58.93	3.48' LT	Ali-STH16-EB
102	73+64.46	8.50' LT	Ali-STH16-EB
103	73+58.93	13.81' LT	Ali-STH16-EB
104	74+30.26	500.00' LT	Ali-STH16-EB

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	INTERSECTION DETAILS	SHEET 55	E

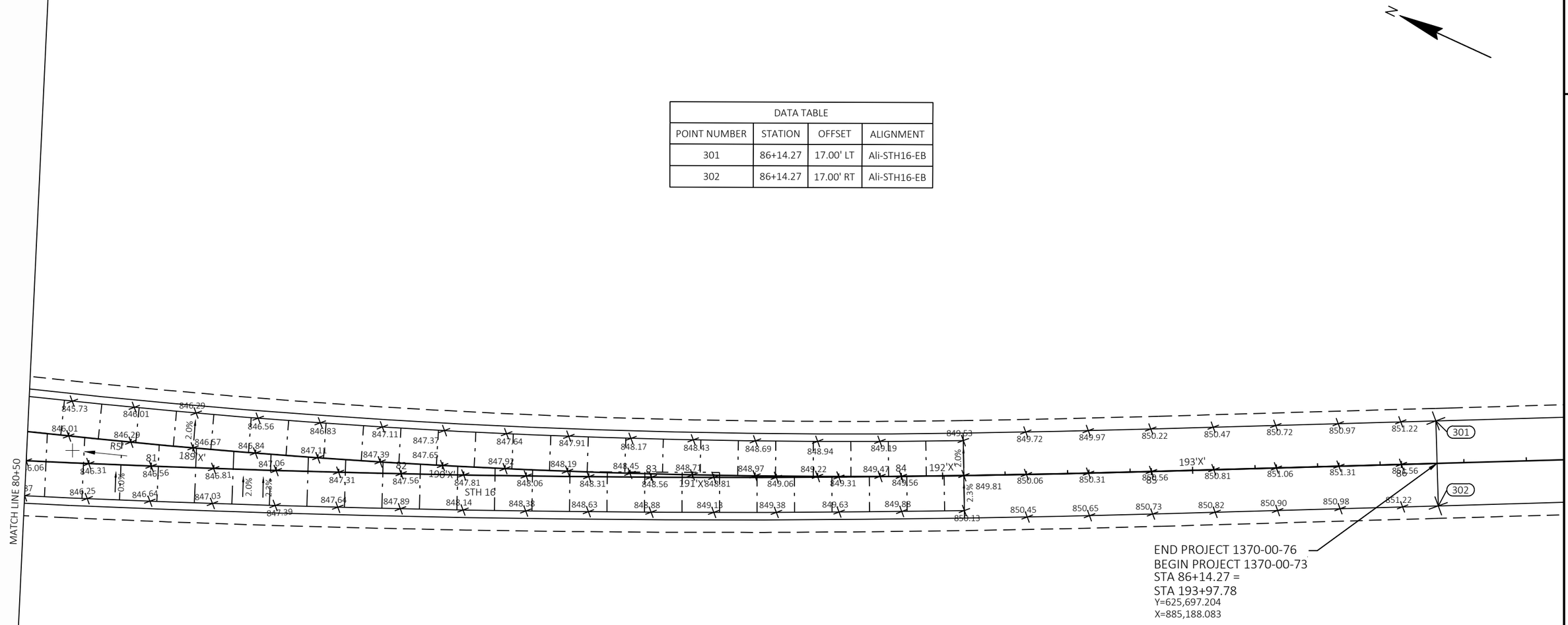
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 021201-pd
PLOT DATE : 8/30/2024 2:55 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT



DATA TABLE			
POINT NUMBER	STATION	OFFSET	ALIGNMENT
201	75+46.13	4.00' LT	Ali-STH16-EB
202	75+39.64	32.11' LT	Ali-STH16-EB
203	13+61.30	38.44' LT	Ali-E Main St-EB
204	13+49.59	3.00' LT	Ali-E Main St-EB
205	11+86.84	18.73' LT	Ali-E Main St-EB
206	11+90.52	4.00' LT	Ali-E Main St-EB
207	11+48.45	5.00' LT	Ali-E Main St-EB
208	11+43.45	8.95' LT	Ali-E Main St-EB
209	11+43.45	0.00'	Ali-E Main St-EB
210	77+14.62	32.53' LT	Ali-STH16-EB
211	77+05.05	5.00' LT	Ali-STH16-EB
212	80+29.70	5.00' LT	Ali-STH16-EB
213	80+34.97	8.95' LT	Ali-STH16-EB
214	80+34.39	0.00'	Ali-STH16-EB
215	76+23.85	24.61' LT	Ali-STH16-EB

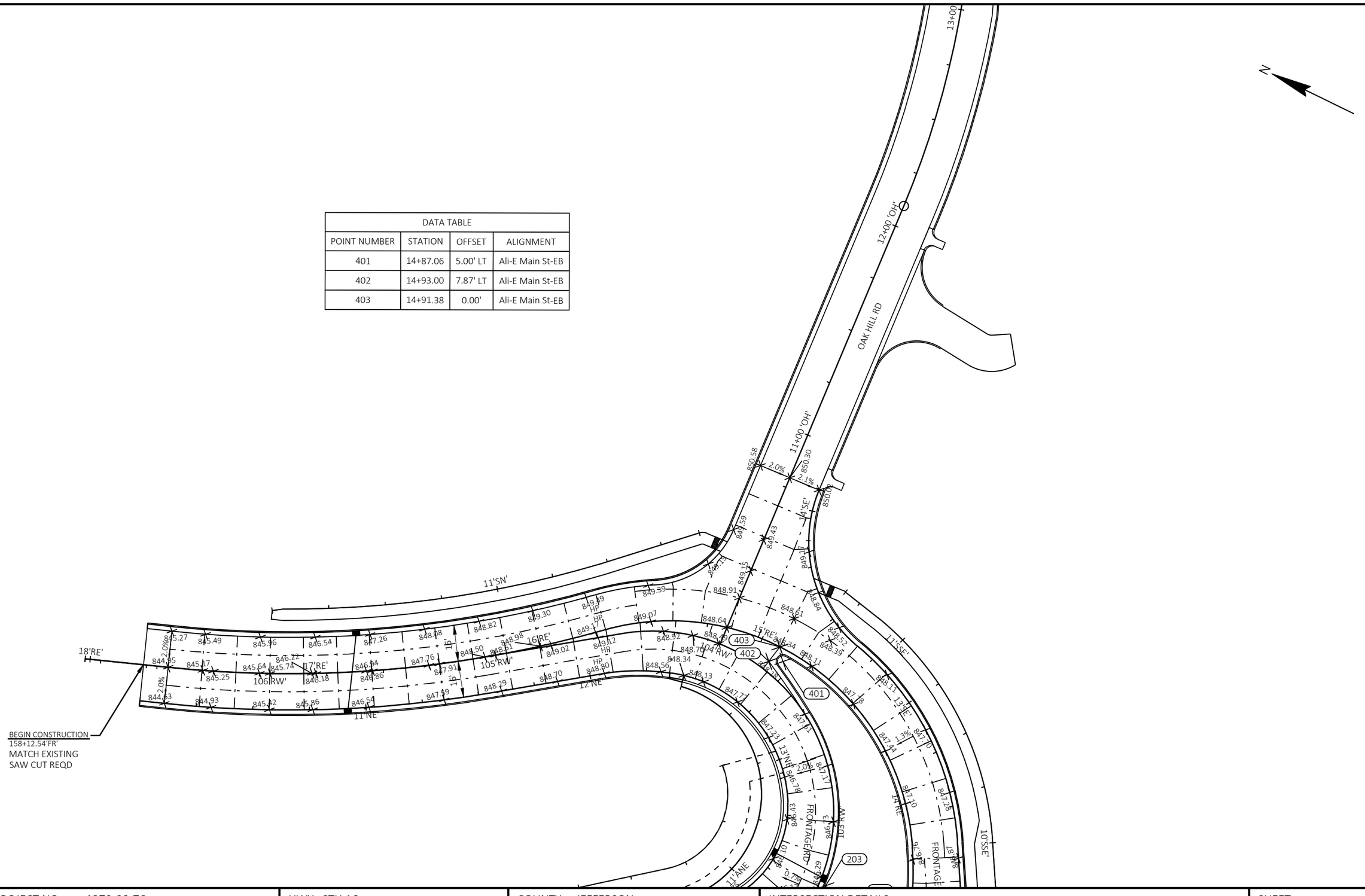
2

DATA TABLE			
POINT NUMBER	STATION	OFFSET	ALIGNMENT
301	86+14.27	17.00' LT	Ali-STH16-EB
302	86+14.27	17.00' RT	Ali-STH16-EB



PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	INTERSECTION DETAILS	SHEET 57	E

DATA TABLE			
POINT NUMBER	STATION	OFFSET	ALIGNMENT
401	14+87.06	5.00' LT	Ali-E Main St-EB
402	14+93.00	7.87' LT	Ali-E Main St-EB
403	14+91.38	0.00'	Ali-E Main St-EB



PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	INTERSECTION DETAILS	SHEET 58	E

2

N

12+00 'OH'

OAK HILL RD

11+00 'OH'

STA 11+95.15'OH'
16.00' RT
EL 857.47

STA 11+95.15'OH'
36.00' RT

R19'

STA 11+75.39'OH'
32.87' RT
EL 856.47

STA 11+71.78'OH'
55.67' RT
EL 859.37

STA 11+75.73'OH'
56.30' RT

STA 11+72.15'OH'
58.08' RT
EL 860.31

STA 11+75.74'OH'
65.27' RT
EL 861.37

R4'

STA 11+58.20'OH'
39.13' RT
EL 857.59

STA 11+55.98'OH'
53.17' RT
EL 859.37

STA 11+64.06'OH'
72.54' RT
EL 861.07

R20'

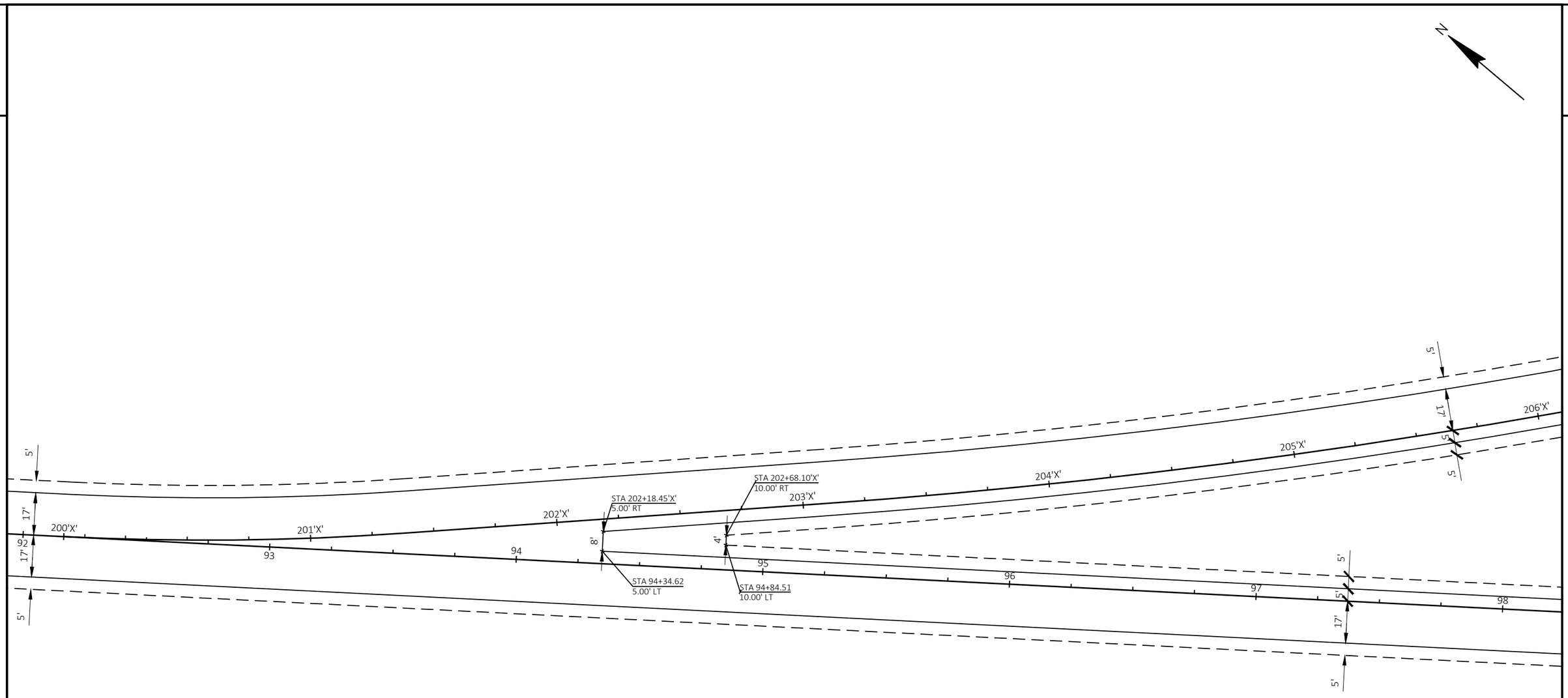
R20'

STA 11+38.45'OH'
16.00' RT
EL 853.24

STA 11+38.45'OH'
36.00' RT

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN DETAILS - DRIVEWAY	SHEET 59	E

2

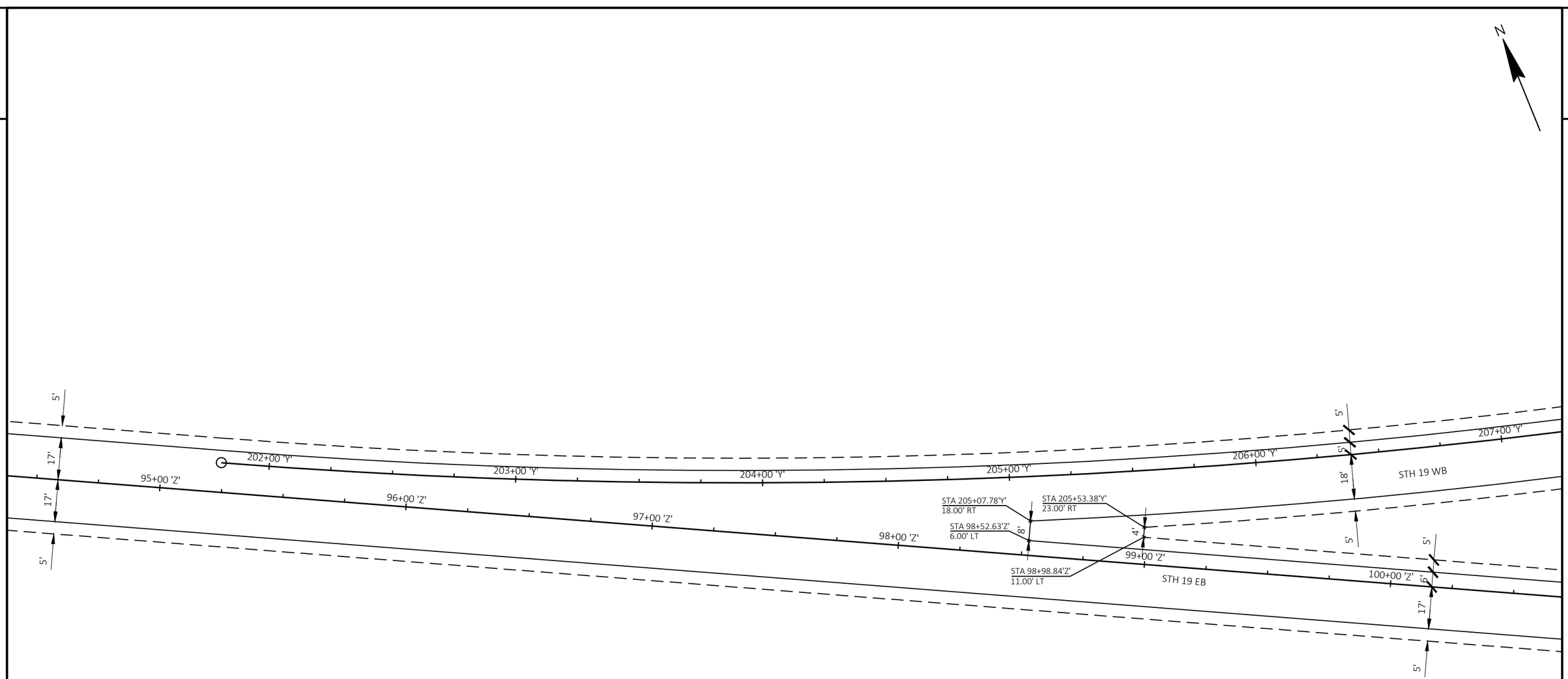


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN DETAILS - STH 16 EB GORE WITH STH 16 WB	SHEET 60	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - STH 16

PLOT DATE : 8/30/2024 2:55 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN DETAILS - STH 19 EB RAMP AND STH 19 WB RAMP GORE	SHEET 61	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - STH 19

PLOT DATE : 8/30/2024 2:55 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

STA 221+20.19'X'
10.00' RT

STA 222+08.01'X'
5.00' RT

220'X'

221'X'

221+00 'Y'

222'X'

222+00 'Y'

223'X'

223+00 'Y'

224'X'

225'X'

226'X'

STH 16 WB

STH 19 WB

STH 16 WB

5'

17'

5'

5'

5'

5'

18'

5'

4'

6'

5'

5'

17'

5'

5'

STA 221+45.44'Y'
10.00' LT

STA 222+32.84'Y'
5.18' LT

STA 225+71.10'X'
5.00' RT

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN DETAILS - STH 16 WB AND STH 19 WB RAMP GORE	SHEET 62	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - STH 16 19 WB

PLOT DATE : 8/30/2024 2:55 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

MATCH LINE 108+50

10:1 TAPER

10:1 TAPER

STA 109+14.07
5.00' LT

STA 109+49.07
10.00' LT

109

110

111

112

113

5'

5'

17'

5'

STA 112+96.91
22.00' RT

STA 113+62.88
17.00' RT

STH 16 EB

MATCH LINE 114+00

5'

6'

17'

5'

7'

8'

109+00 'Z'

110+00 'Z'

111+00 'Z'

112+00 'Z'

113+00 'Z'

STH 19 EB

STA 112+93.85'Z'
11.00' LT

STA 113+60.52'Z'
6.00' LT

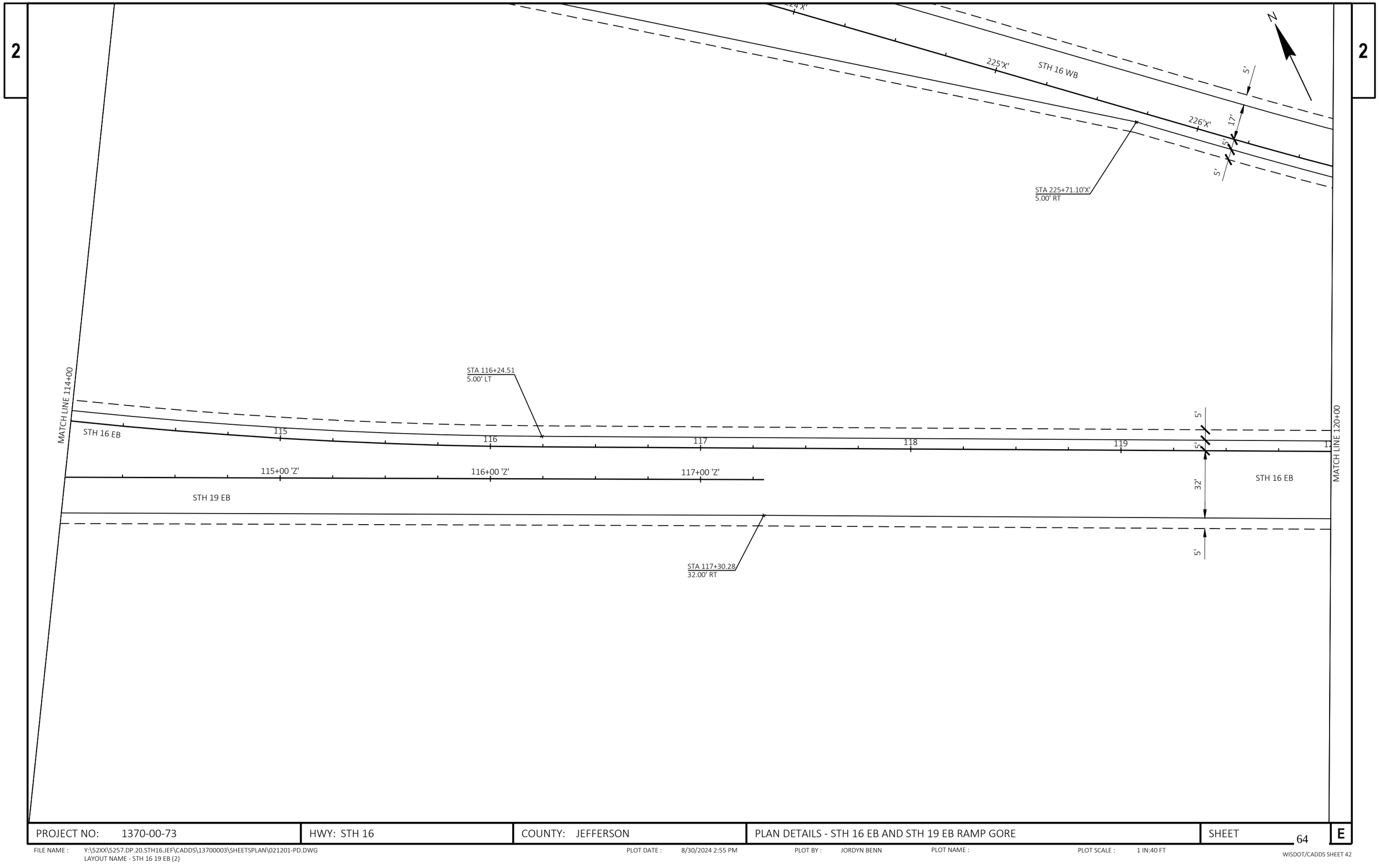
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN DETAILS - STH 16 EB AND STH 19 EB RAMP GORE	SHEET 63	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - STH 16 19 EB

PLOT DATE : 8/30/2024 2:55 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

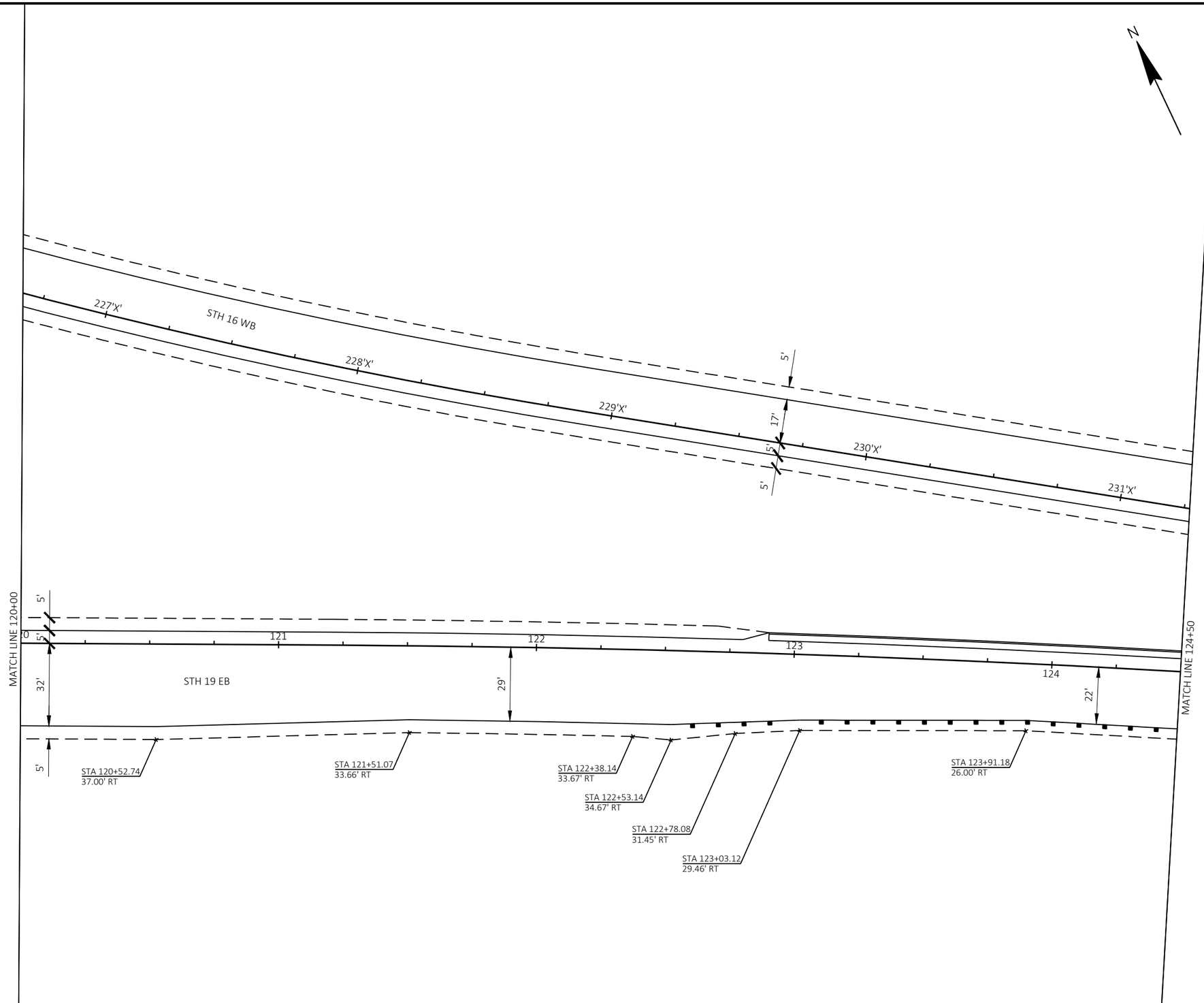
WISDOT/CADDS SHEET 42

2



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN DETAILS - STH 16 EB AND STH 19 EB RAMP GORE	SHEET 64	E

2



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN DETAILS - STH 16 EB AND STH 16 WB	SHEET 65	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - STH 16 19 EB (3)

PLOT DATE : 8/30/2024 2:56 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

STA 233+00.87'X'
37.31' LT

STA 234+72.18'X'
47.06' LT

232'X'

233'X'

STH 16 WB

234'X'

235'X'

236'X'

R80'

STA 233+59.06'X'
10.00' RT

R5'

R5'

STA 234'X'+23.02
10.00' RT

R80'

MATCH LINE 124+50

125

126

127

STH 16 EB

128

129

MATCH LINE 130+00

STA 128+03.89
26.00' RT

STA 128+28.66
27.33' RT

STA 128+53.41
30.00' RT

STA 129+28.41
25.00' RT

1'

1'

STA 129+78.17
25.00' RT

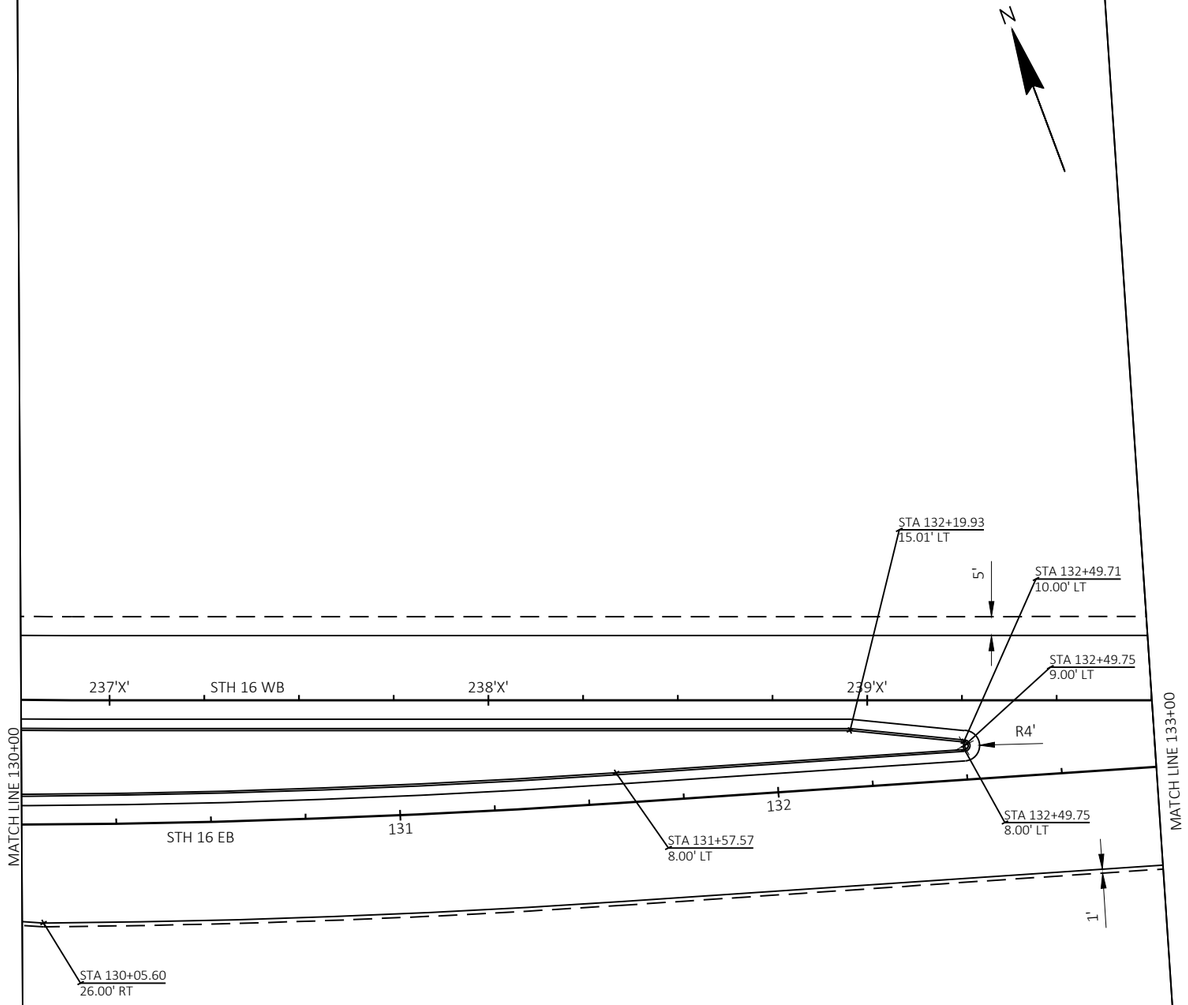
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN DETAILS - STH 16 EB AND STH 16 WB MEDIAN OPENING	SHEET 66	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - MEDIAN OPENING

PLOT DATE : 8/30/2024 2:56 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	INTERSECTION DETAILS - GOPHER HILL RD	SHEET 67	E

2

2

N

GOPHER HILL RD

22+00 'A'

END CONSTRUCTION
21+25.05'A'
MATCH EXISTING
SAW CUT REQD

XXXXXXXXXX

STA 241+42.12'X'
84.00' LT

3'

21+00 'A'

STA 21+05.74'A'
15.00' RT
EL 846.04

STA 242+80.73'X'
64.00' LT

STA 20+53.66'A'
15.00' LT
EL 845.25

R60'

R40'

STA 240+76.08'X'
17.09' LT

STA 240+89.21'X'
22.10' LT

STA 242+80.73'X'
23.99' LT
EL 845.77

STA 138+05.42
26.00' LT

STA 139+18.02
17.00' LT

STA 241+42.12'X'
24.00' LT
EL 845.03

59°57'38"

240'X' 241'X' 242'X' 243'X' 244'X' 138 139

134 135 136 137

STH 16

58°55'30"

MATCH LINE 133+00

STA 133+54.17
24.00' RT
EL 844.52

STA 9+58.35'A'
15.00' RT
EL 844.59

STA 135+21.11
24.00' RT
EL 845.24

STA 135+74.27
22.00' RT

STA 244+37.64 'X'=
STA 137+61.74
Y=622250.9199
X=888741.3362

R40'

STA 134+11.06
63.51' RT
EL 844.05

R60'

STA 135+87.78
17.00' RT

STA 135+21.11
64.00' RT

9+00 'A'

STA 8+54.77'A'
15.00' LT
EL 844.49

3'

STA 133+54.17
84.00' RT

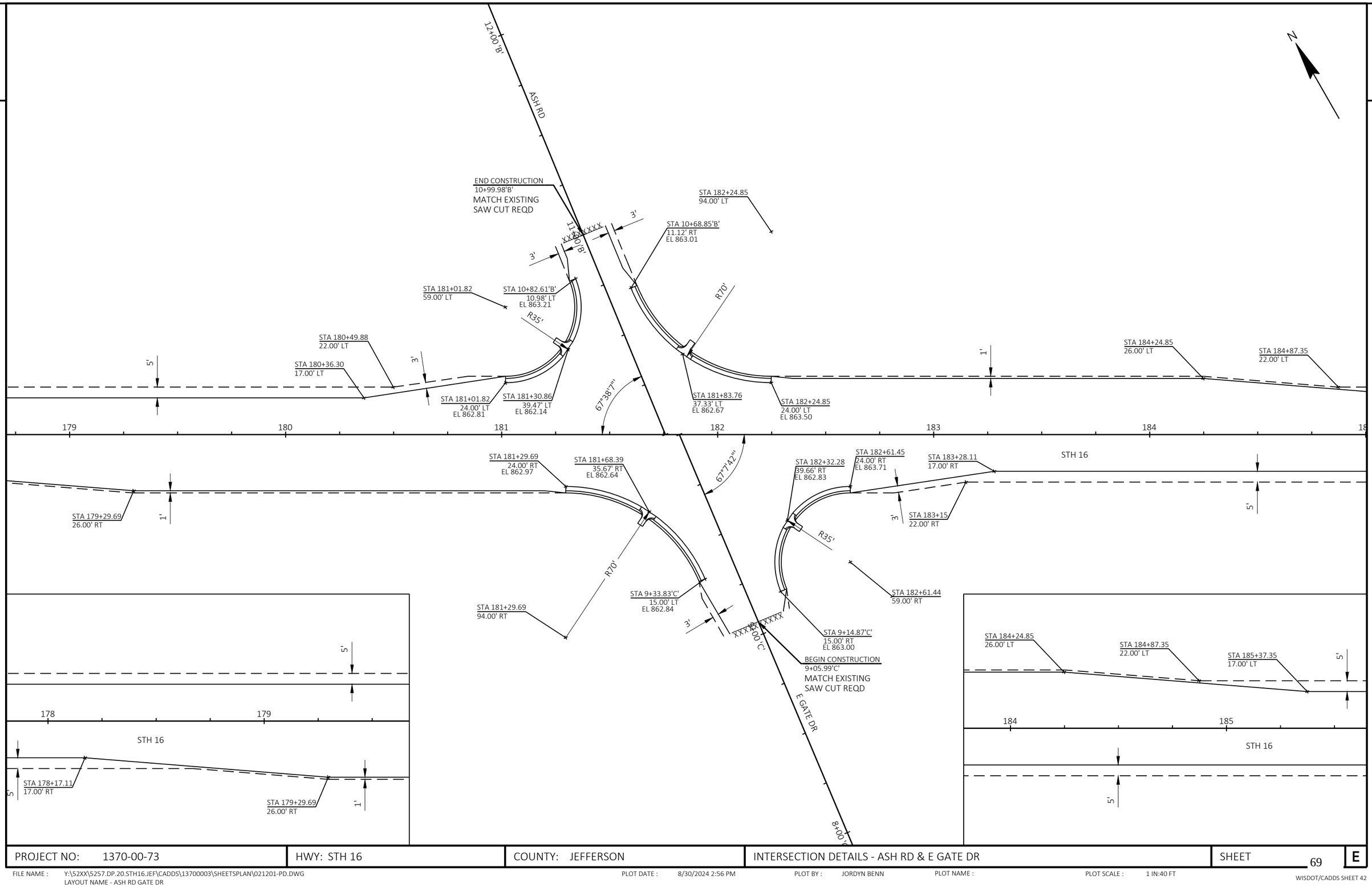
XXXXXXXXXX

BEGIN CONSTRUCTION
8+19.78'A'
MATCH EXISTING
SAW CUT REQD

8+00 'A'

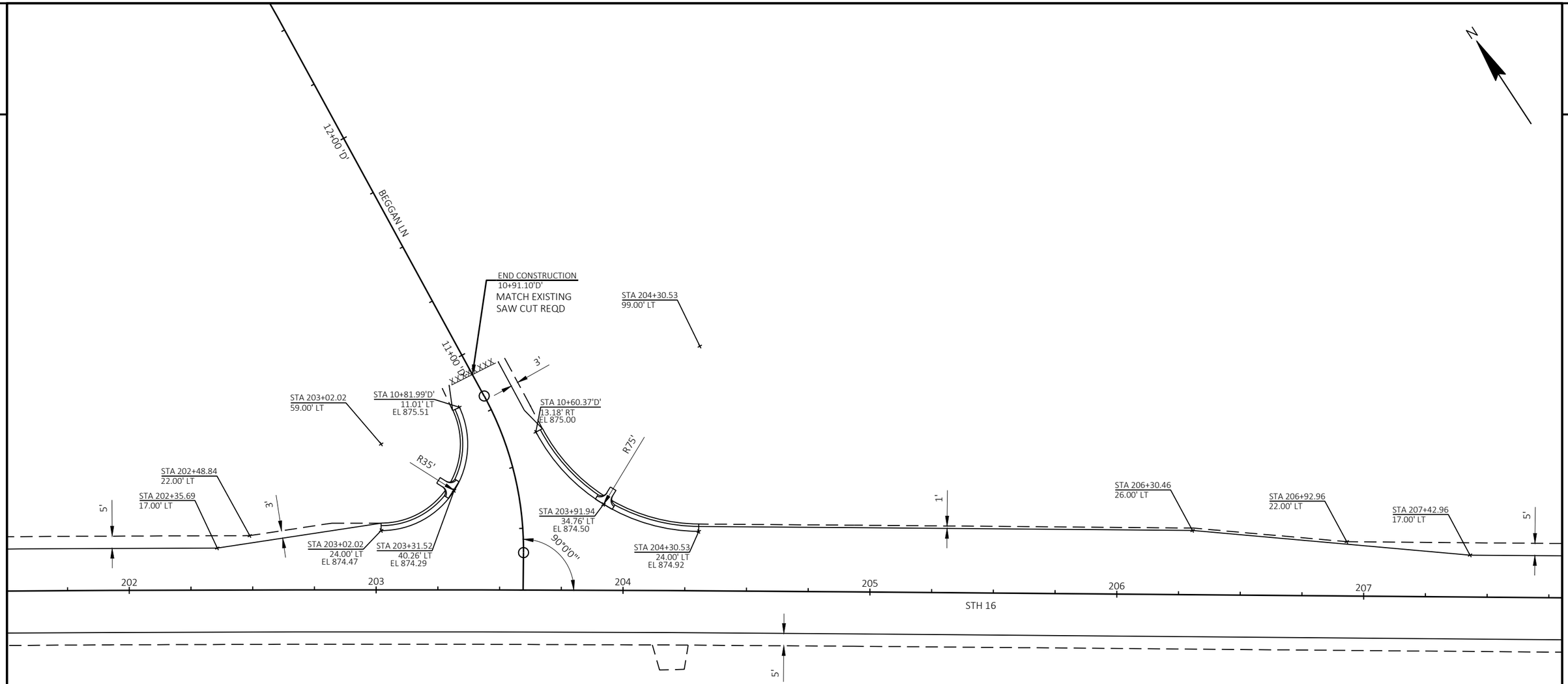
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	INTERSECTION DETAILS - GOPHER HILL RD	SHEET 68	E

2



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	INTERSECTION DETAILS - ASH RD & E GATE DR	SHEET 69	E

2



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	INTERSECTION DETAILS - BEGGAN LN	SHEET 70	E

2

2

N

HUSTISFORD RD

12+00

11+00 'E'

END CONSTRUCTION
10+91.37'E'
MATCH EXISTING
SAW CUT REQD

STA 10+83'E'
12.37' LT

STA 10+81.41'E'
13.25' RT
EL 868.04

STA 242+75.66
64.00' LT

3'

STA 10+61.16'E'
12.84' LT
EL 868.60

STA 244+02.35
84.00' LT

R40'

R60'

STA 242+22.10
22.00' LT

STA 242+08.99
17.00' LT

5'

STA 243+60.05
41.44' LT
EL 869.09

1'

STA 242+75.66
24.00' LT
EL 870.22

85°27'24"

STA 244+02.35
24.00' LT
EL 869.31

241 242 243 244 245 246

10+00 'E'

STA 244+54.91
17.00' RT

STA 243+88.25
24.00' RT
EL 869.43

STH 16

STA 242+64.75
24.00' RT
EL 870.30

STA 242+93.55
31.36' RT
EL 869.66

3'

5'

1'

R30'

R60'

STA 244+41.80
22.00' RT

STA 9+53.60'E'
22.30' LT
EL ???

STA 243+88.25
54.00' RT

STA 242+64.63
84.00' RT

STA 9+35.61'E'
17.25' RT
EL 869.17

BEGIN CONSTRUCTION
9+30.00'E'
MATCH EXISTING
SAW CUT REQD

9+00 'E'

8+00 'E'

5'

239 240

STH 16

STA 238+52.05
17.00' RT

STA 239+02.05
22.00' RT

STA 239+64.63
26.00' RT

1'

5'

1'

STA 247+02.35
26.00' LT

STA 247+64.93
22.00' LT

STA 248+14.93
17.00' LT

5'

247 248

STH 16

5'

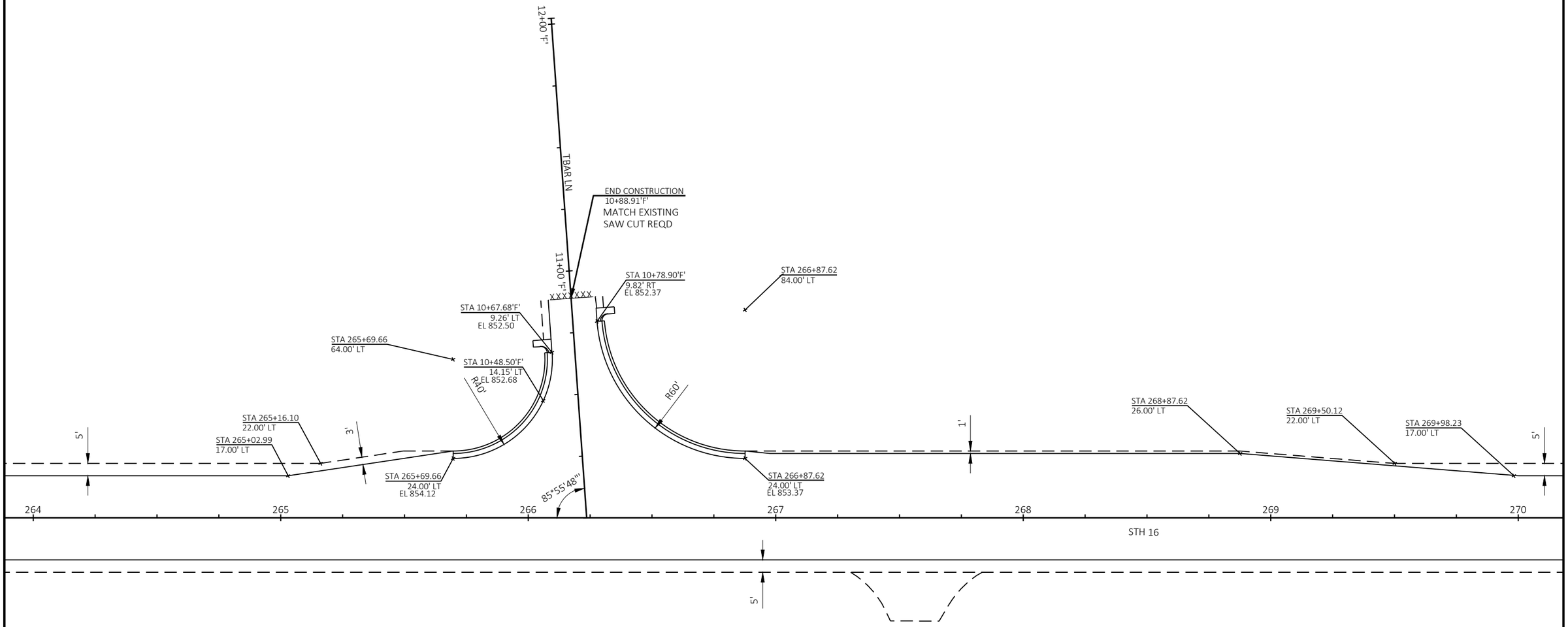
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	INTERSECTION DETAILS - HUSTIFORD RD	SHEET 71	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - HUSTISFORD RD

PLOT DATE : 8/30/2024 2:56 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

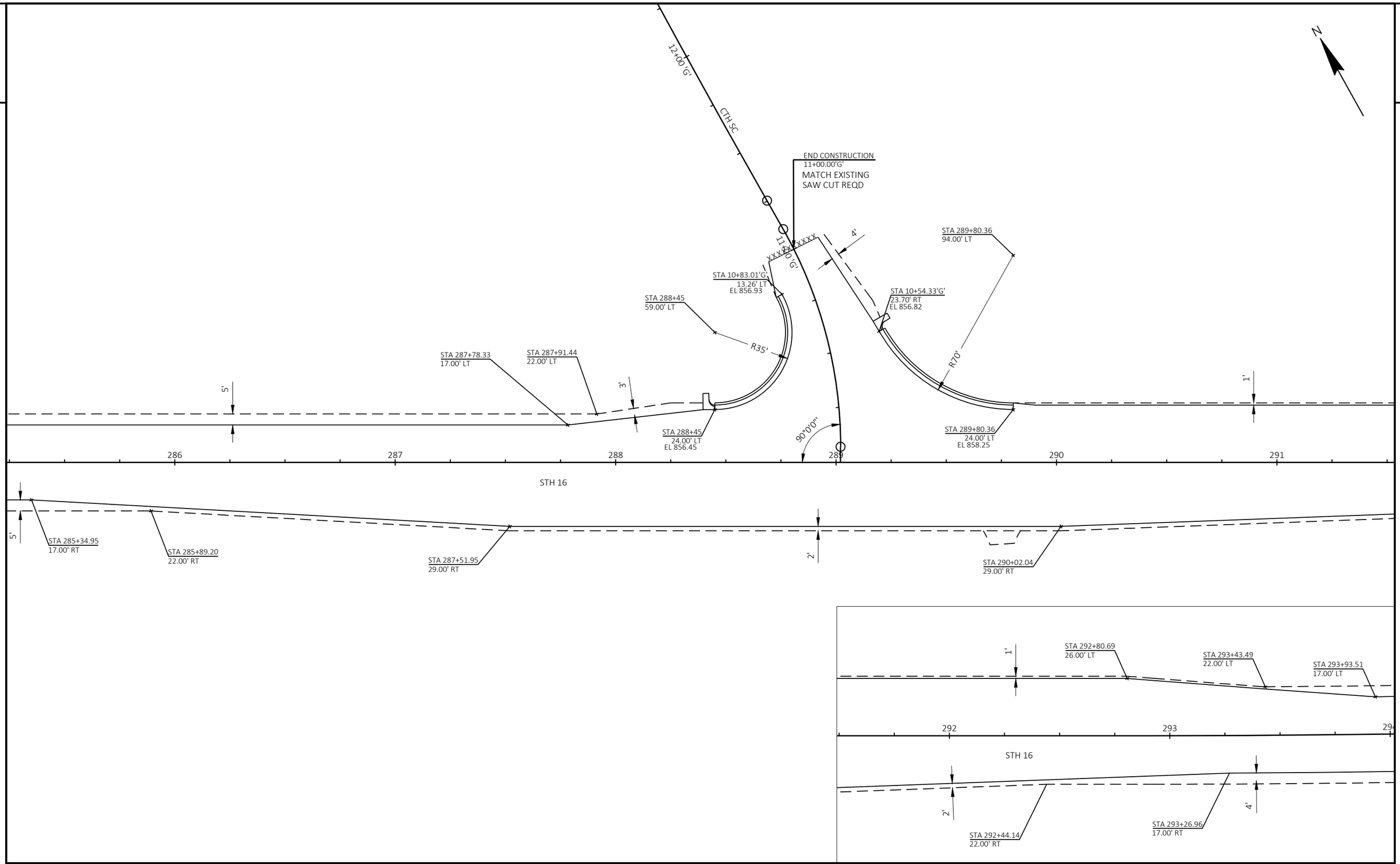
WISDOT/CADDS SHEET 42

2



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	INTERSECTION DETAILS - T BAR LN	SHEET 72	E

2



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	INTERSECTION DETAILS - CTH SC	SHEET 73	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - CTH SC

PLOT DATE : 8/30/2024 2:56 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

5'

330 331 332 333 334 335 336

STH 16

5'

STA 330+22.54
17.00' RT

STA 330+72.54
22.00' RT

STA 331+35.04
26.00' RT

1'

STA 333+35.04
24.00' RT
EL 856.85

STA 333+78.01
42.33' RT
EL 855.61

87°28'11"

STA 334+28.40
35.32' RT
EL 855.88

STA 334+56.04
24.00' RT
EL 856.49

3'

STA 335+22.71
17.00' RT

STA 335+09.60
22.00' RT

5'

R60'

R40'

HILLTOP RD

STA 333+35.04
84.00' RT

STA 9+13.10'H'
11.57' LT
EL 856.95

STA 9+37.95'H'
9.74' RT
EL 856.45

STA 334+56.04
64.00' RT

9+00'H'

BEGIN CONSTRUCTION
9+03.66'H'
MATCH EXISTING
SAW CUT REQD

8+00'H'

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	INTERSECTION DETAILS - HILLTOP RD	SHEET 74	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - HILLTOP RD

PLOT DATE : 8/30/2024 2:56 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

22+00 'I'

MARIETTA AVE

END CONSTRUCTION
20+88.96'I'
MATCH EXISTING
SAW CUT REQD

21+00 'I'

STA 20+79.08'I'
10.53' RT
EL 866.05

STA 354+41.08
94.00' LT

STA 353+11.47
64.00' LT

STA 20+76.23'I'
10.71' LT
EL 865.55

R70'

R40'

STA 352+57.91
22.00' LT

STA 352+44.80
17.00' LT

5'

3'

STA 353+11.47
24.00' LT
EL 864.25

STA 353+42.91
38.92' LT
EL 864.59

78°19'19"

STA 353+97.15
39.10' LT
EL 864.36

STA 354+41.08
24.00' LT
EL 865.62

1'

STA 356+41.92
26.00' LT

STA 357+04.45
22.00' LT

351 352 353 354 355 356 357

STA 351+34.89
26.00' RT

1'

STA 353+34.06
24.00' RT
EL 865.64

STA 9+68.81'I'
26.93' LT
EL 865.34

72°29'0"

STA 354+33.79
39.16' RT
EL 865.70

STA 354+64.87
24.00' RT
EL 867.02

STH 16

STA 355+31.54
17.00' RT

STA 355+18.43
22.00' RT

3'

5'

R70'

R40'

STA 9+28.74'I'
13.91' LT
EL 865.82

STA 9+20.02'I'
11.71' RT
EL 866.01

STA 354+64.87
64.00' RT

STA 353+34.06
94.00' RT

9+09.98'I'

BEGIN CONSTRUCTION
9+09.98'I'
MATCH EXISTING
SAW CUT REQD

5'

350 351

STH 16

STA 350+17.55
17.00' RT

STA 350+73.23
22.00' RT

STA 351+34.89
26.00' RT

5'

STA 356+41.92
26.00' LT

STA 357+04.45
22.00' LT

STA 357+54.45
17.00' LT

5'

357

STH 16

5'

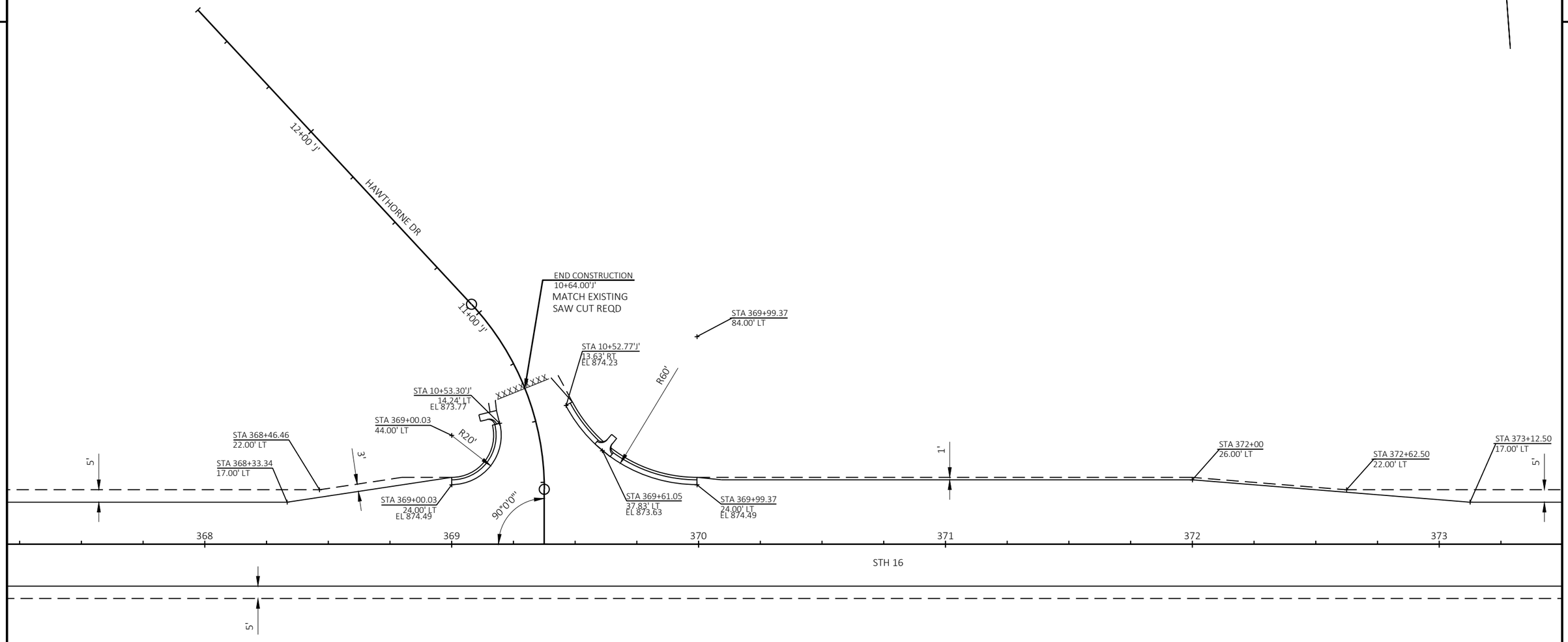
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	INTERSECTION DETAILS - MARIETTA AVE	SHEET 75	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - MARIETTA AVE

PLOT DATE : 8/30/2024 2:56 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	INTERSECTION DETAILS - HAWTHORNE DR	SHEET 76	E

2

2

N

NORTH RD

21+00 'K'

END CONSTRUCTION
20+94.00'K'
MATCH EXISTING
SAW CUT REQD

STA 391+88.14
94.00' LT

STA 20+80.49'K'
15.00' LT
EL 874.34

STA 20+68.79'K'
15.00' RT
EL 874.53

STA 390+58.95
59.00' LT

R35'

R70'

STA 390+05.40
22.00' LT

STA 389+92.29
17.00' LT

5'

3'

STA 390+58.95
24.00' LT
EL 875.54

STA 390+87.87
39.66' LT
EL 874.91

70°37'37"

STA 391+46.63
37.99' LT
EL 874.25

STA 391+88.14
24.00' LT
EL 875.59

1'

389 390 391 392 393 394

STH 16

STA 390+77.53
24.00' RT
EL 874.39

69°55'55"

STA 392+12.03
24.00' RT
EL 874.35

STA 392+78.70
17.00' RT

STA 392+65.59
22.00' RT

3'

5'

1'

R35'

STA 392+12.03
59.00' RT

R70'

STA 9+24.33'K'
16.79' LT
EL 872.79

STA 9+24.30'K'
15.01' RT
EL 872.72

BEGIN CONSTRUCTION
9+19.07'K'
MATCH EXISTING
SAW CUT REQD

9+00 'K'

STA 390+77.53
94.00' RT

NORTH ST

8+00 'K'

387 388

STH 16

STA 386+64.95
17.00' RT

STA 387+77.37
26.00' RT

STA 394+88.27
26.00' LT

STA 395+50.73
22.00' LT

STA 395+97.85
17.23' LT

5'

395 396

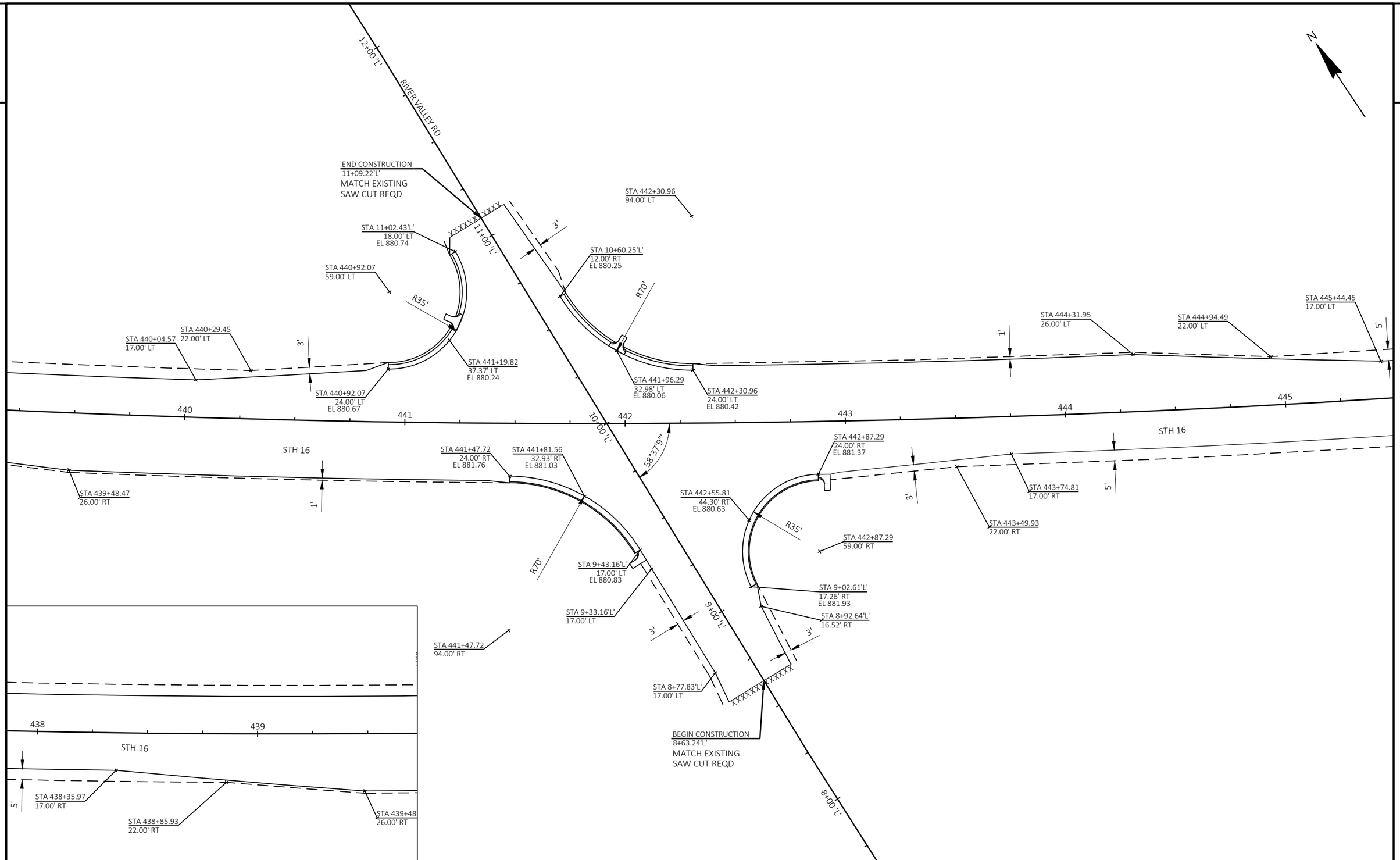
STH 16

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	INTERSECTION DETAILS - NORTH RD-NORTH ST	SHEET 77	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - NORTH RD-NORTH ST

PLOT DATE : 8/30/2024 2:57 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	INTERSECTION DETAILS - RIVER VALLEY RD	SHEET 78	E

2

2

ROCK RIVER RD

+00 'M'

END CONSTRUCTION
20+96.67'M'
MATCH EXISTING
SAW CUT REQD

21+00 'M'

STA 20+85.88'M'
11.78' RT
EL 845.21

STA 20+81.95'M'
11.59' RT
EL 845.26

STA 480+70.34
96.31' LT

STA 479+41
64.00' LT

STA 20+75.36'M'
11.73' LT
EL 845.36

R40'

R70'

STA 478+87.44
22.00' LT

STA 478+74.33
17.00' LT

5'

STA 479+41
24.00' LT
EL 845.90

77°27'21"

STA 480+72.12
26.33' LT
EL 846.72

1'

STA 482+72.01
33.44' LT

STA 483+20.37
31.82' LT

477 478 479 480 481 482 483

STH 16

STA 479+51.58
24.00' RT
EL 845.93

STA 479+98.32
41.89' RT
EL 845.07

79°38'40"

STA 480+58.06
30.16' RT
EL 846.25

STA 480+79.40
24.00' RT
EL 846.73

STA 481+32.96
22.00' RT

STA 481+26.07
20.00' RT

STA 480+99.62
27.00' RT

3'

2'

STA 477+51.72
26.00' RT

1'

STA 479+83.05
31.47' RT
EL 845.68

R40'

R70'

STA 9+52.49'M'
19.28' LT
EL 845.96

STA 9+33.19'M'
10.92' RT
EL 846.54

STA 480+79.40
64.00' RT

STA 9+25.62'M'
10.21' RT
EL 846.60

STA 479+51.58
94.00' RT

STA 9+22.02'M'
10.93' LT
EL 846.41

9+00 'M'

BEGIN CONSTRUCTION
9+12.00'M'
MATCH EXISTING
SAW CUT REQD

5'

477

STH 16

5'

STA 476+39.21
17.00' RT

STA 477+51.72
26.00' RT

STA 482+72.01
33.44' LT

STA 483+20.37
31.82' LT

STA 483+85.13
34.18' LT

STA 483+85.13
27.32' LT

483 484

STH 16

2'

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	INTERSECTION DETAILS - ROCK RIVER RD & OLD HIWAY LN	SHEET 79	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - ROCK RIVER RD-OLD HIWAY LN

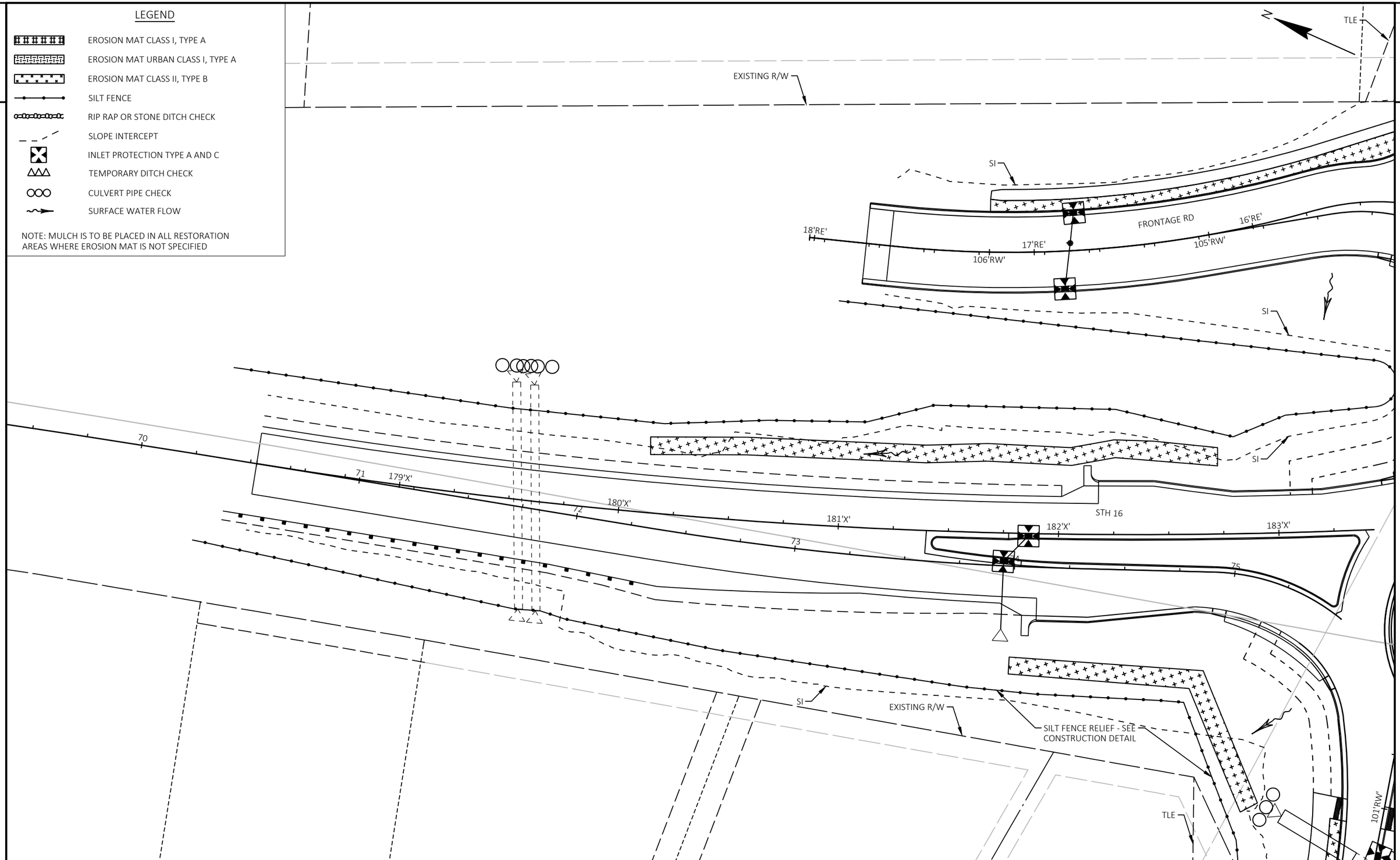
PLOT DATE : 8/30/2024 2:57 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- EROSION MAT CLASS I, TYPE A
- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- SILT FENCE
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A AND C
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

NOTE: MULCH IS TO BE PLACED IN ALL RESTORATION AREAS WHERE EROSION MAT IS NOT SPECIFIED



PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	EROSION CONTROL	SHEET 80 E

2

LEGEND

- EROSION MAT CLASS I, TYPE A
- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- SILT FENCE
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A AND C
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

NOTE: MULCH IS TO BE PLACED IN ALL RESTORATION AREAS WHERE EROSION MAT IS NOT SPECIFIED

STH 16
182'X'
183'X'
75
SI
103'RW'
E MAIN ST
FRONTAGE RD
EXISTING R/W
185'X'
186'X'
187'X'
78
79
EXISTING R/W
SILT FENCE RELIEF - SEE CONSTRUCTION DETAIL
SI
101'RW'
E MAIN ST
TLE
11'RF'
100'RW'
10'RF'
75'
PROPOSED RW GP
SILT FENCE RELIEF - SEE CONSTRUCTION DETAIL
SI
SILT FENCE RELIEF - SEE CONSTRUCTION DETAIL
EXISTING R/W
AMPHIBIAN AND REPTILE EXCLUSION BARRIER - SEE CONSTRUCTION DETAIL
AMPHIBIAN AND REPTILE EXCLUSION BARRIER - SEE CONSTRUCTION DETAIL
TLE
EXISTING WETLANDS

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	EROSION CONTROL	SHEET 81	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 022002-ec

PLOT DATE : 8/29/2024 9:46 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- EROSION MAT CLASS I, TYPE A
- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- SILT FENCE
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A AND C
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

NOTE: MULCH IS TO BE PLACED IN ALL RESTORATION AREAS WHERE EROSION MAT IS NOT SPECIFIED

EXISTING R/W

SI

186'X'

187'X'

STH 16

188'X'

189'X'

190'X'

191'X'

78

79

80

81

82

83

SILT FENCE RELIEF - SEE CONSTRUCTION DETAIL

AMPHIBIAN AND REPTILE EXCLUSION BARRIER - SEE CONSTRUCTION DETAIL

AMPHIBIAN AND REPTILE EXCLUSION BARRIER - SEE CONSTRUCTION DETAIL

SI

EXISTING R/W

EXISTING WETLANDS

AMPHIBIAN AND REPTILE EXCLUSION BARRIER - SEE CONSTRUCTION DETAIL

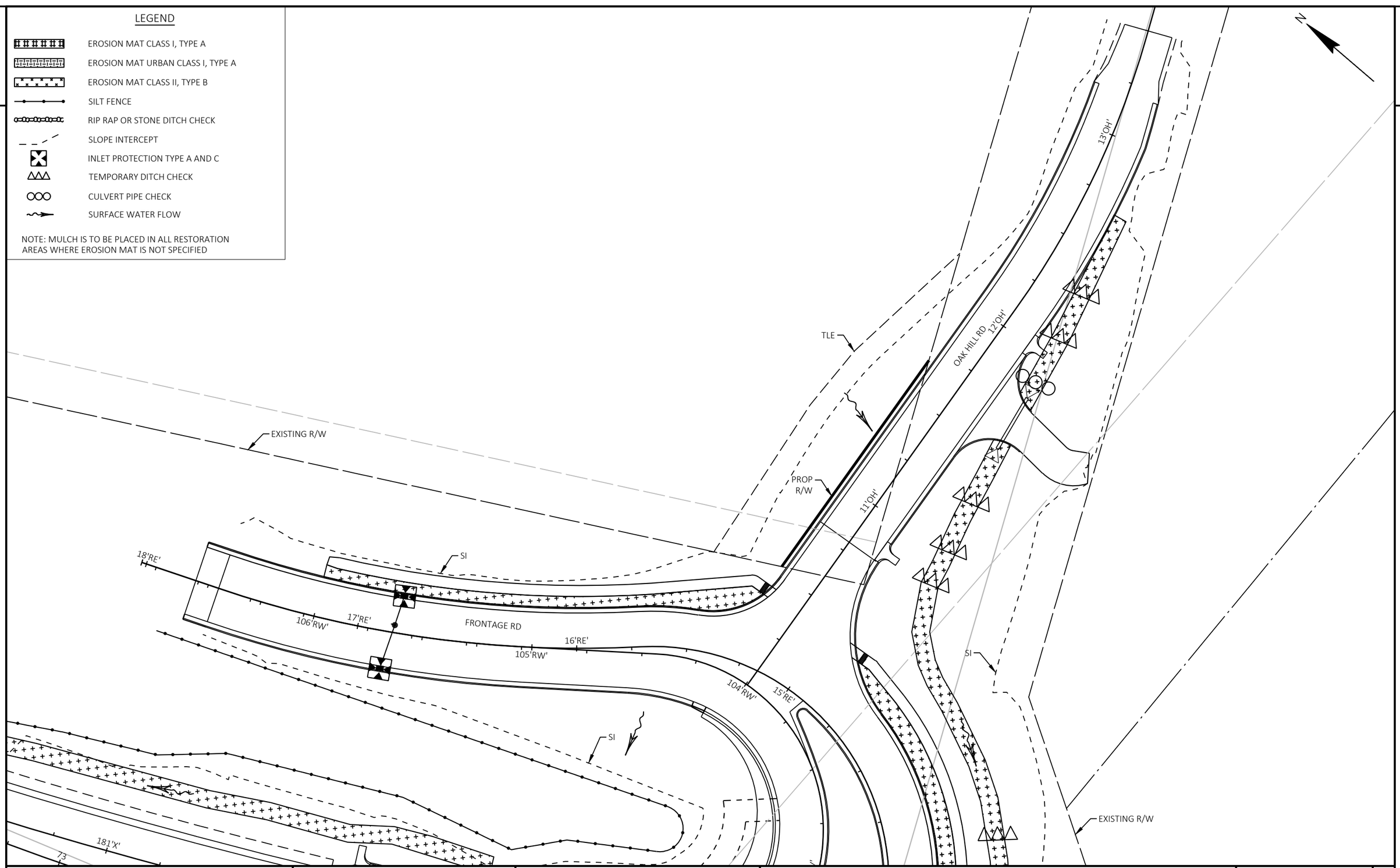
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	EROSION CONTROL	SHEET 82	E

2

LEGEND

- EROSION MAT CLASS I, TYPE A
- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- SILT FENCE
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A AND C
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

NOTE: MULCH IS TO BE PLACED IN ALL RESTORATION AREAS WHERE EROSION MAT IS NOT SPECIFIED



PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	EROSION CONTROL	SHEET 83	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 022004-ec

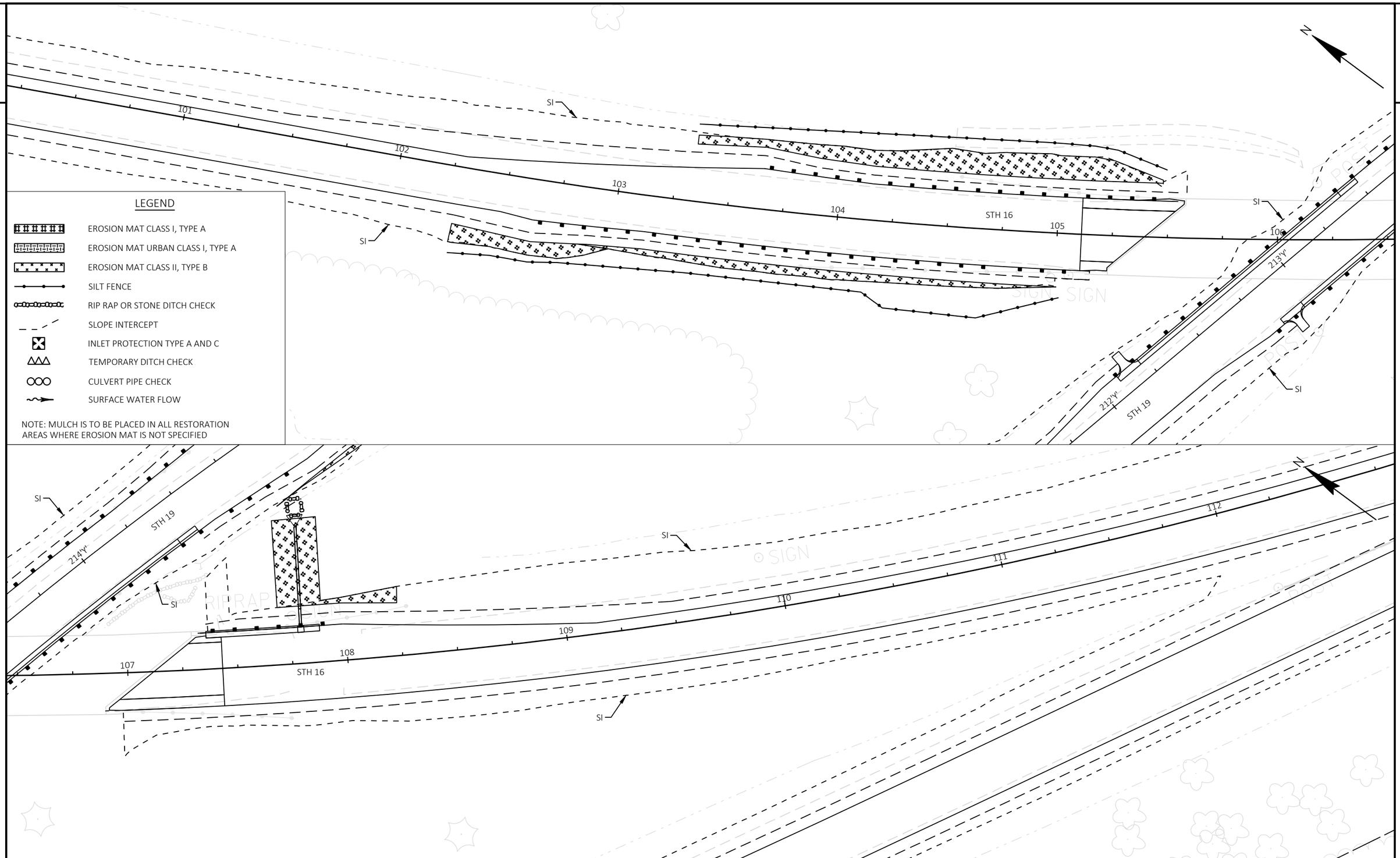
PLOT DATE : 8/29/2024 9:46 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EROSION MAT CLASS I, TYPE A
- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- SILT FENCE
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A AND C
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

NOTE: MULCH IS TO BE PLACED IN ALL RESTORATION AREAS WHERE EROSION MAT IS NOT SPECIFIED

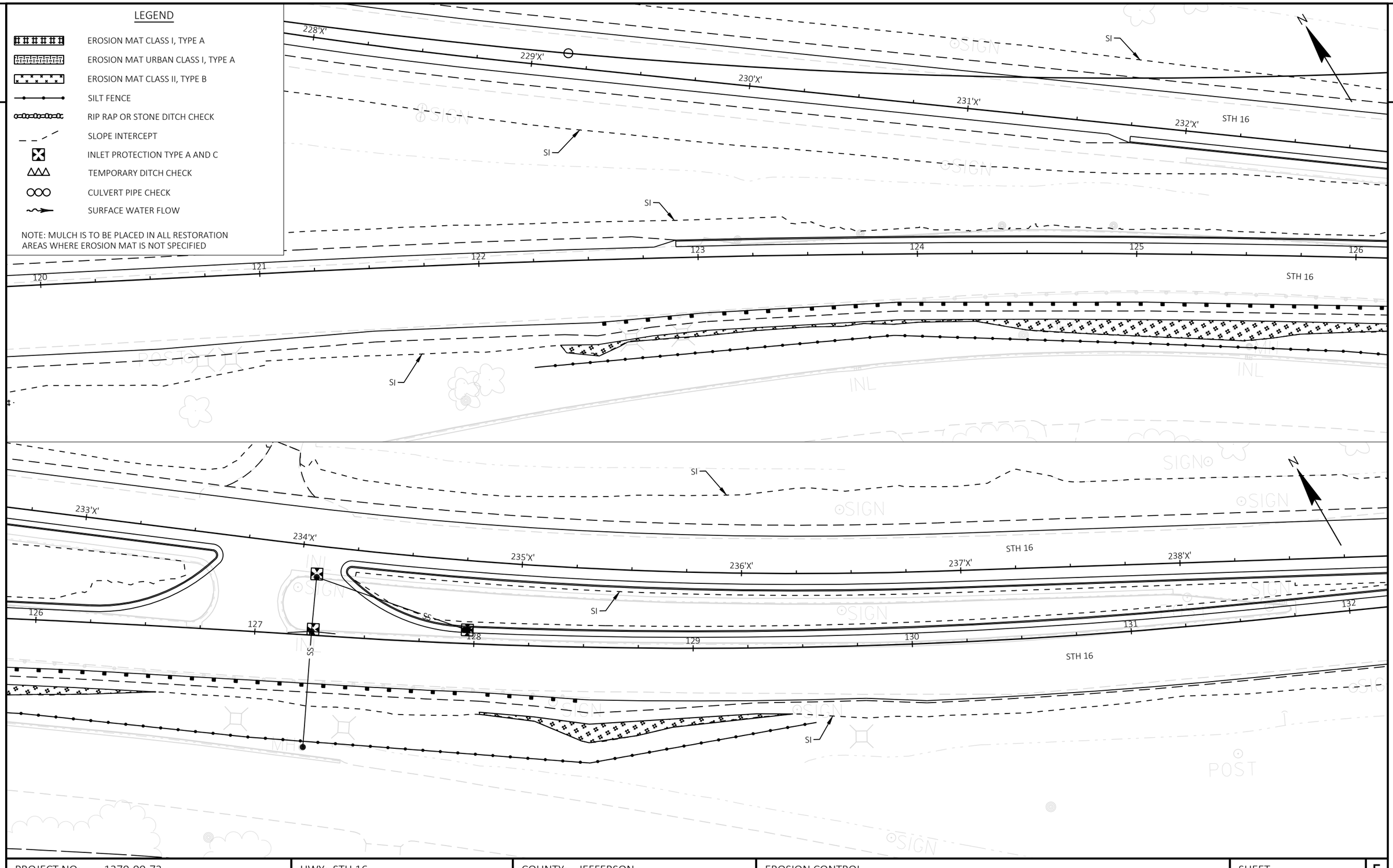


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	EROSION CONTROL	SHEET 84	E

LEGEND

- EROSION MAT CLASS I, TYPE A
- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- SILT FENCE
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A AND C
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

NOTE: MULCH IS TO BE PLACED IN ALL RESTORATION AREAS WHERE EROSION MAT IS NOT SPECIFIED



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	EROSION CONTROL	SHEET 85	E

2

2

N

STH 16

SI

211'Y'

212'Y'

213'Y'

214'Y'

215'Y'

216'Y'

217'Y'

STH 19

STH 19

SI

STH 16

LEGEND

- EROSION MAT CLASS I, TYPE A
- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- SILT FENCE
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A AND C
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

NOTE: MULCH IS TO BE PLACED IN ALL RESTORATION AREAS WHERE EROSION MAT IS NOT SPECIFIED

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	EROSION CONTROL	SHEET 86	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\022002-EC.DWG
LAYOUT NAME - 022007-ec

PLOT DATE : 8/29/2024 9:50 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

EXISTING R/W

SI

AMPHIBIAN AND REPTILE EXCLUSION BARRIER - SEE CONSTRUCTION DETAIL

460 461 462 463 STH 16 464 465 466

SI

EXISTING R/W

AMPHIBIAN AND REPTILE EXCLUSION BARRIER - SEE CONSTRUCTION DETAIL

AMPHIBIAN AND REPTILE EXCLUSION BARRIER - SEE CONSTRUCTION DETAIL

SI

466 467 468 STH 16 469 470 471 472

SI

AMPHIBIAN AND REPTILE EXCLUSION BARRIER - SEE CONSTRUCTION DETAIL

EXISTING R/W

LEGEND

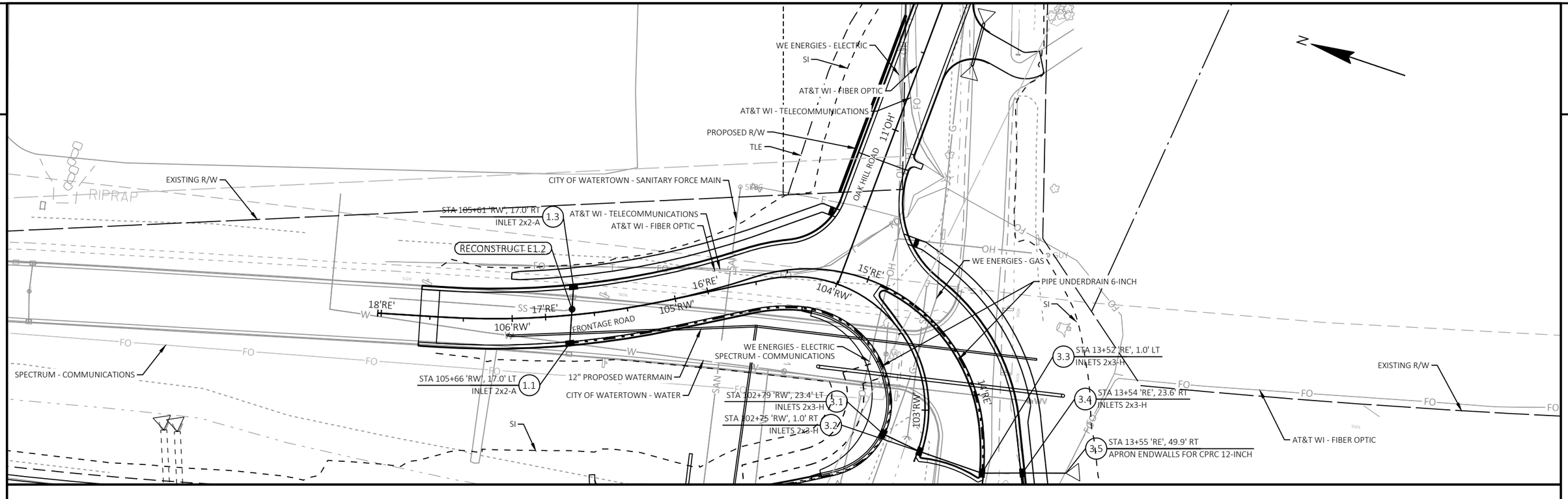
- EROSION MAT CLASS I, TYPE A
- EROSION MAT URBAN CLASS I, TYPE A
- EROSION MAT CLASS II, TYPE B
- SILT FENCE
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- INLET PROTECTION TYPE A AND C
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

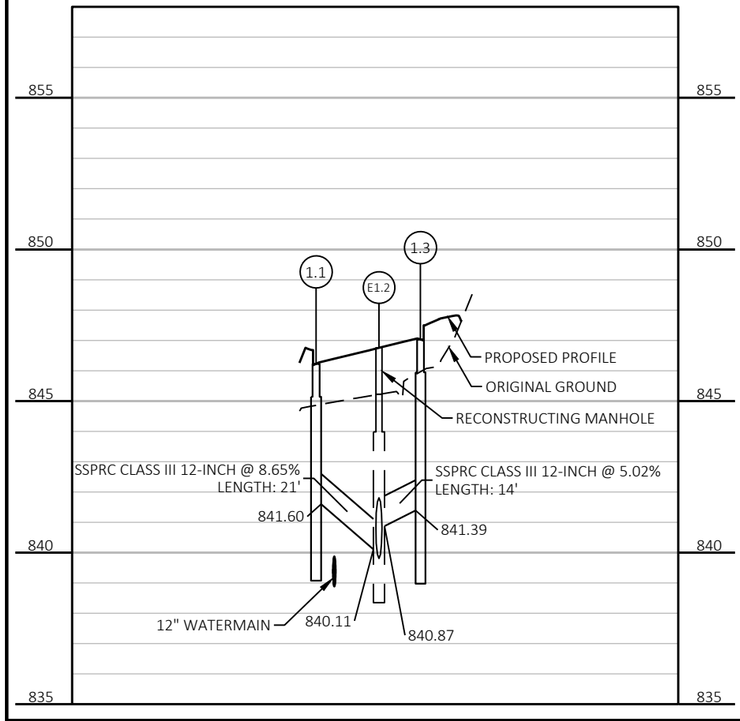
NOTE: MULCH IS TO BE PLACED IN ALL RESTORATION AREAS WHERE EROSION MAT IS NOT SPECIFIED

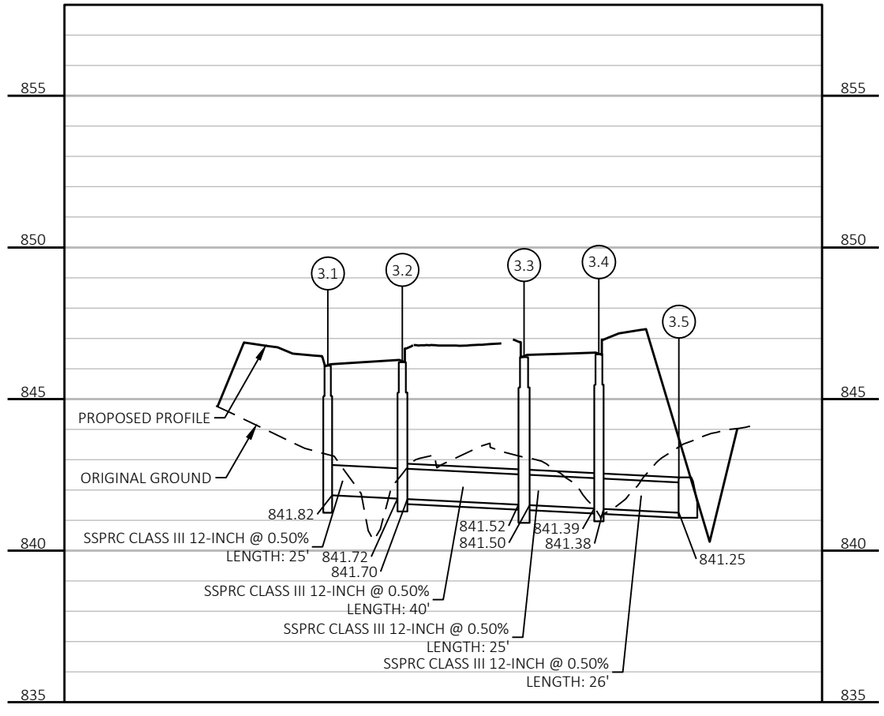
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	EROSION CONTROL	SHEET 87	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\022002-EC.DWG
LAYOUT NAME - 022008-ec
PLOT DATE : 8/29/2024 9:50 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

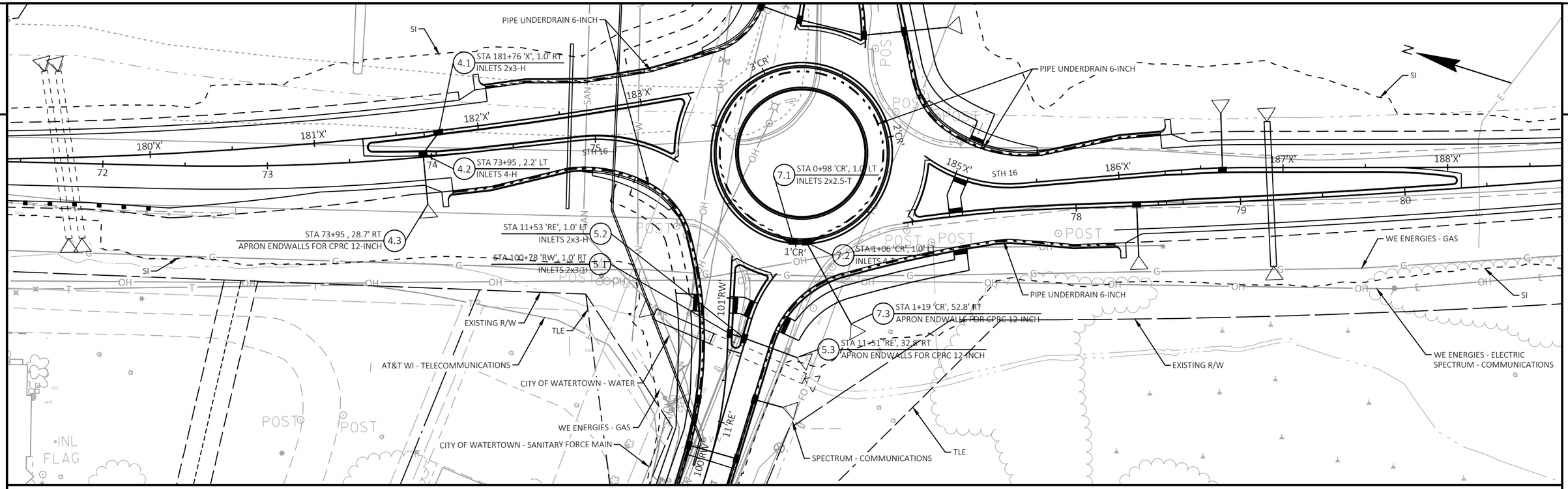
2

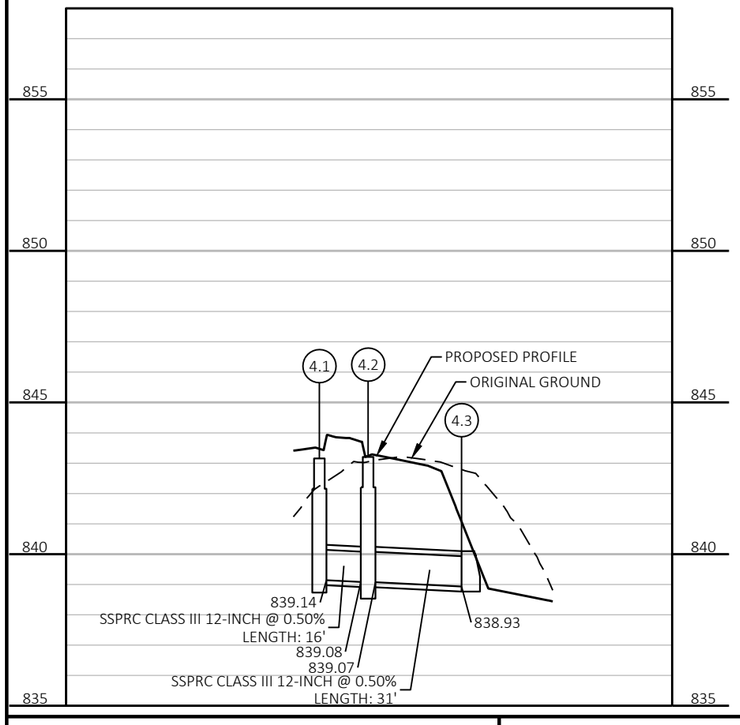


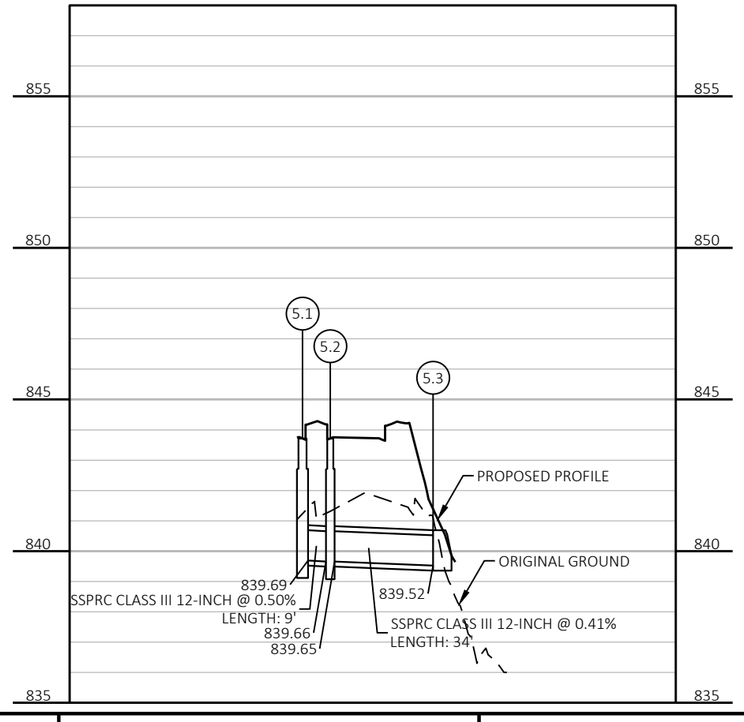


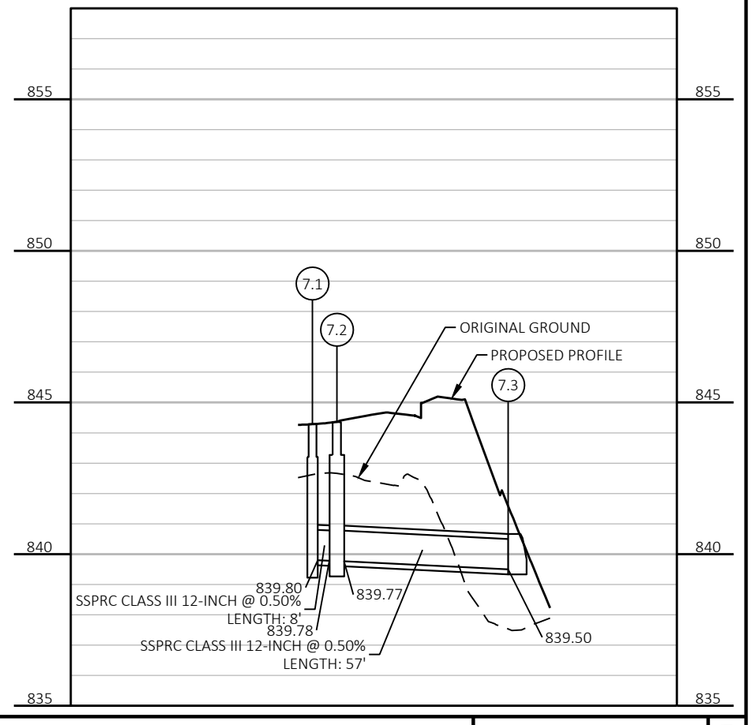


PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	STORM SEWER	SHEET 88	E

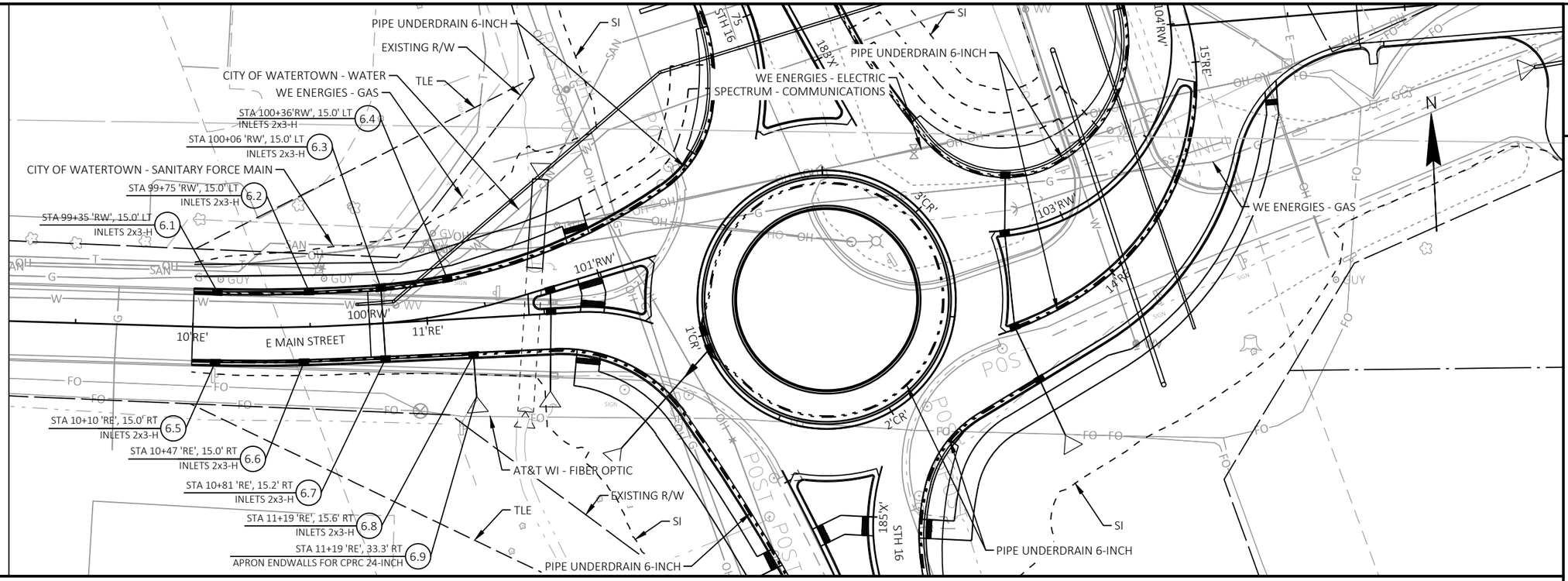


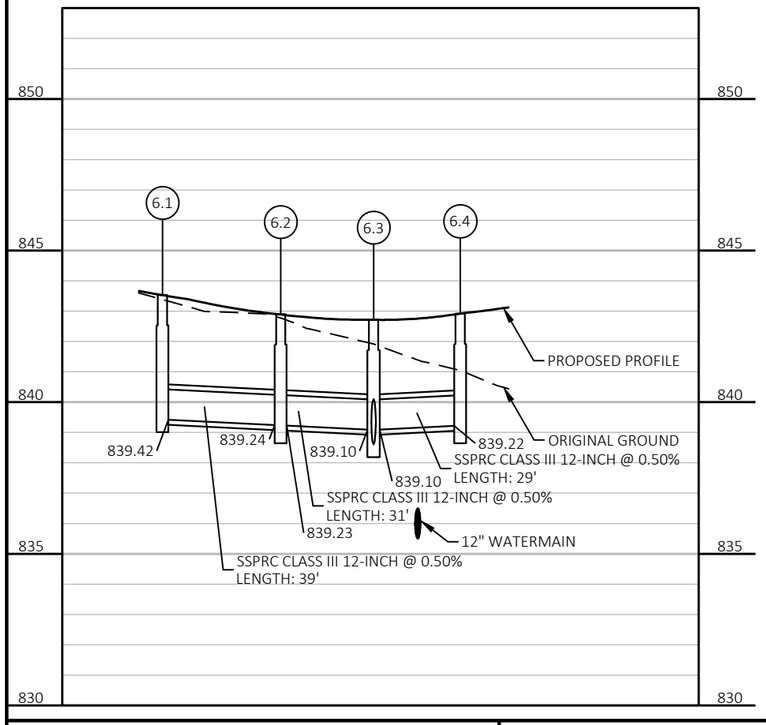


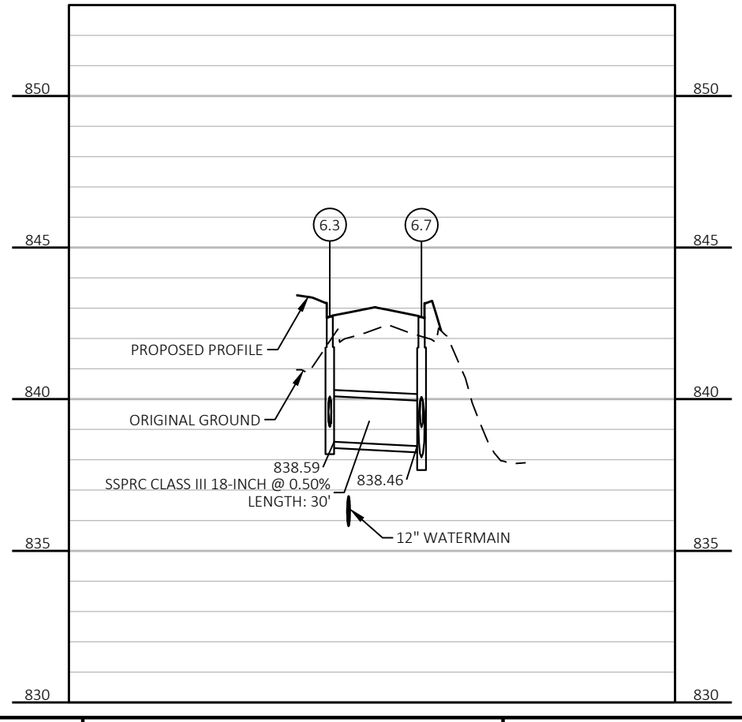


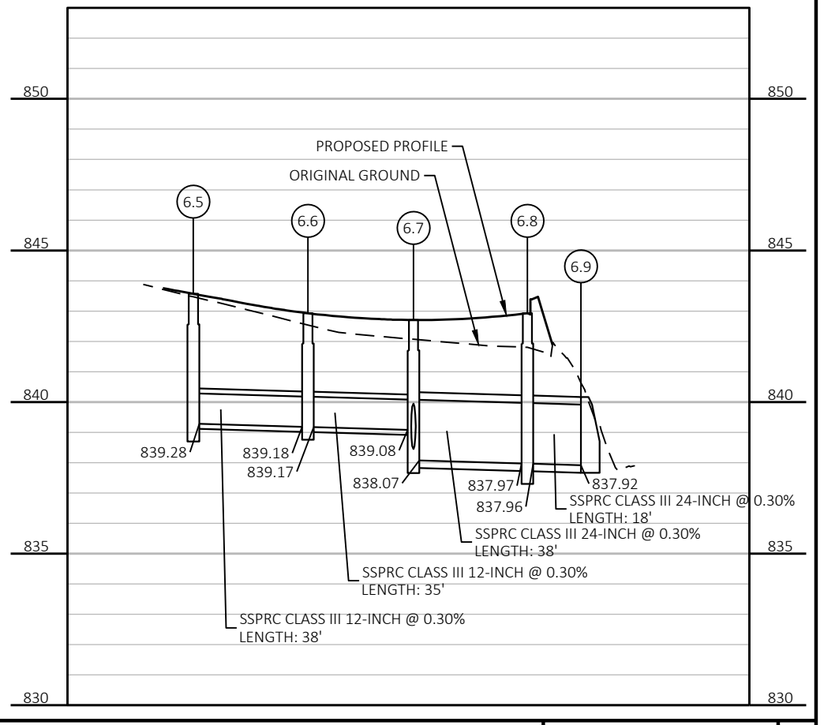


PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	STORM SEWER	SHEET 89	E

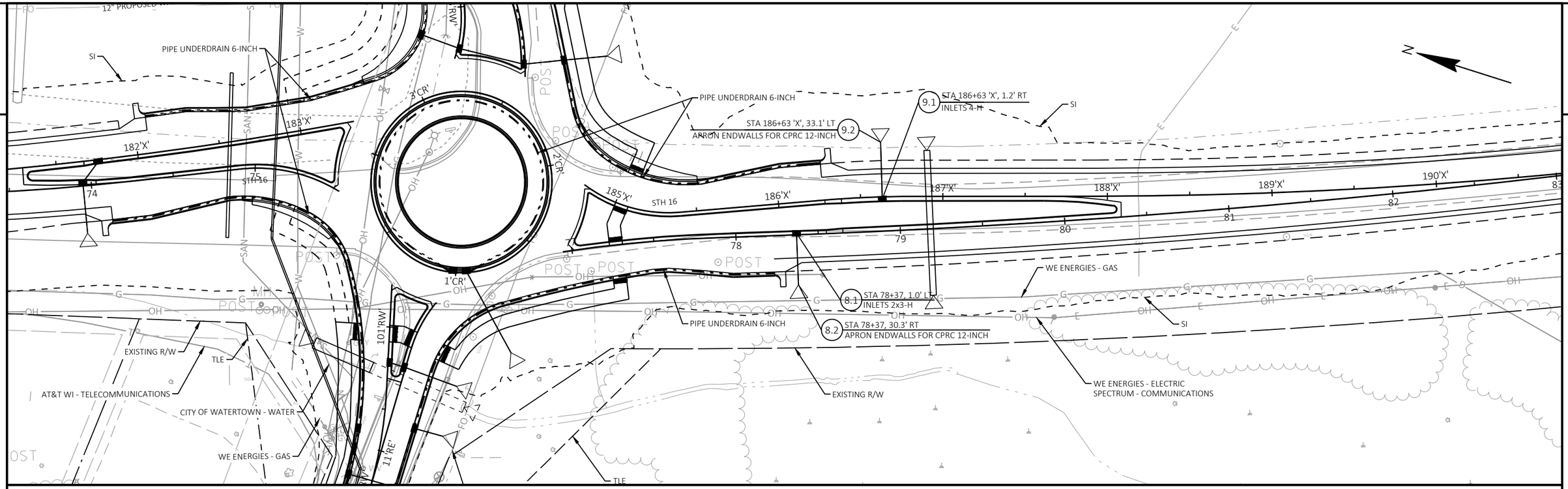


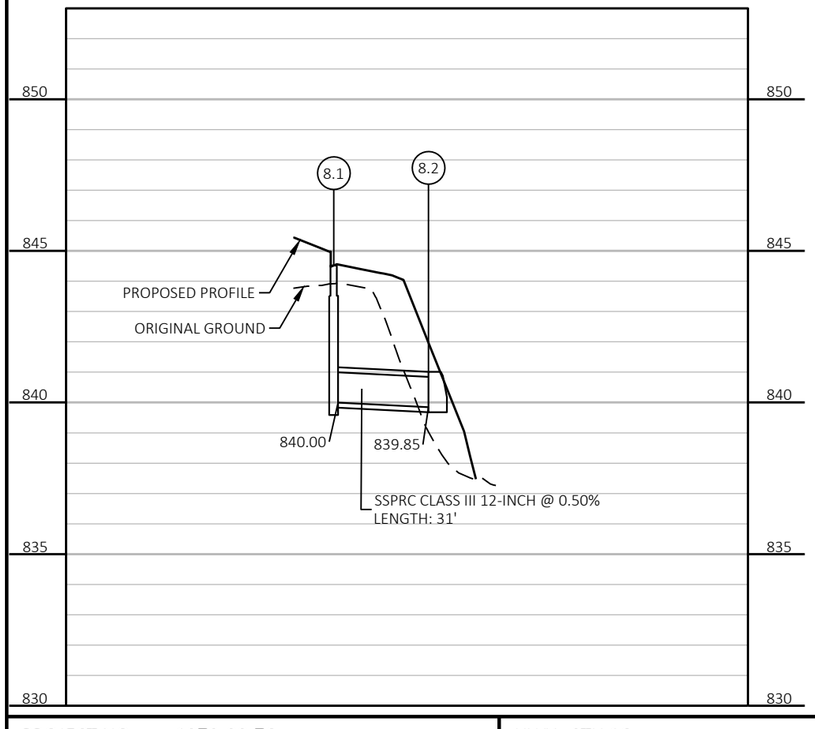


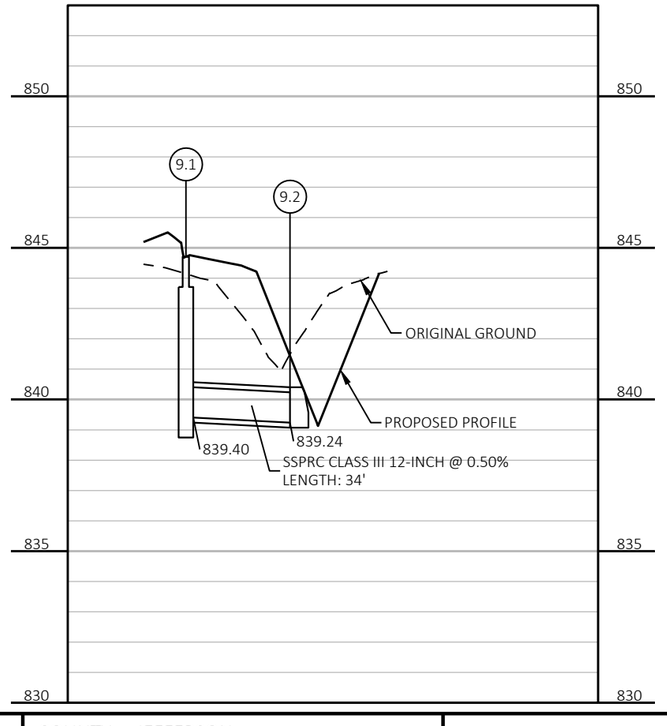




PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	STORM SEWER	SHEET 90	E







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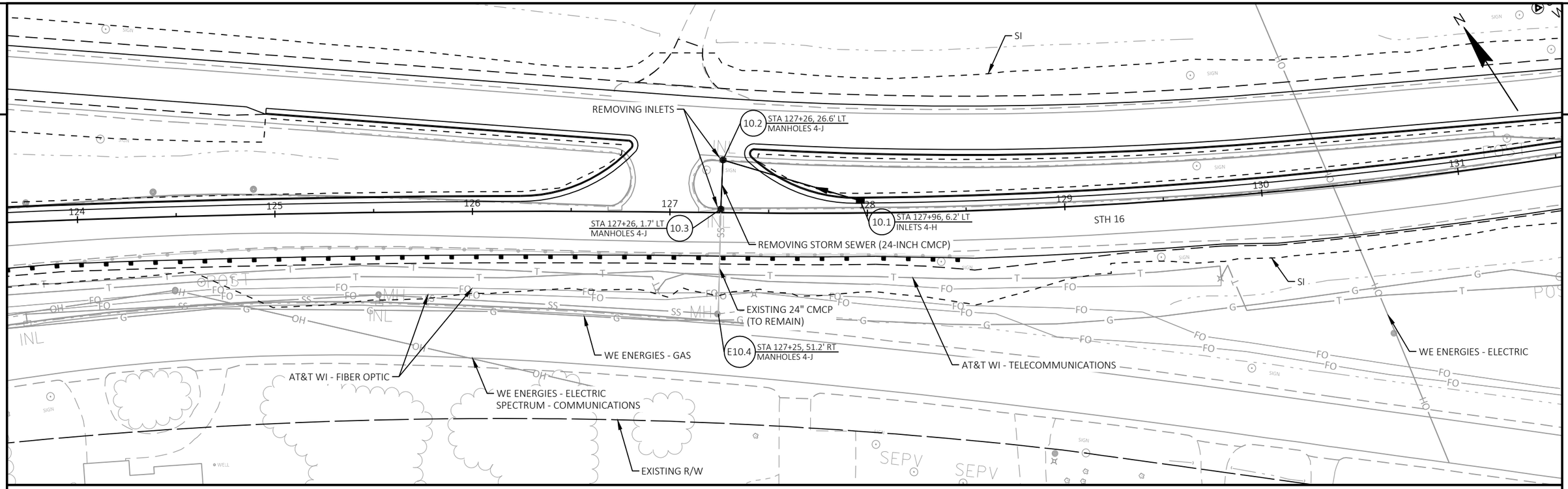
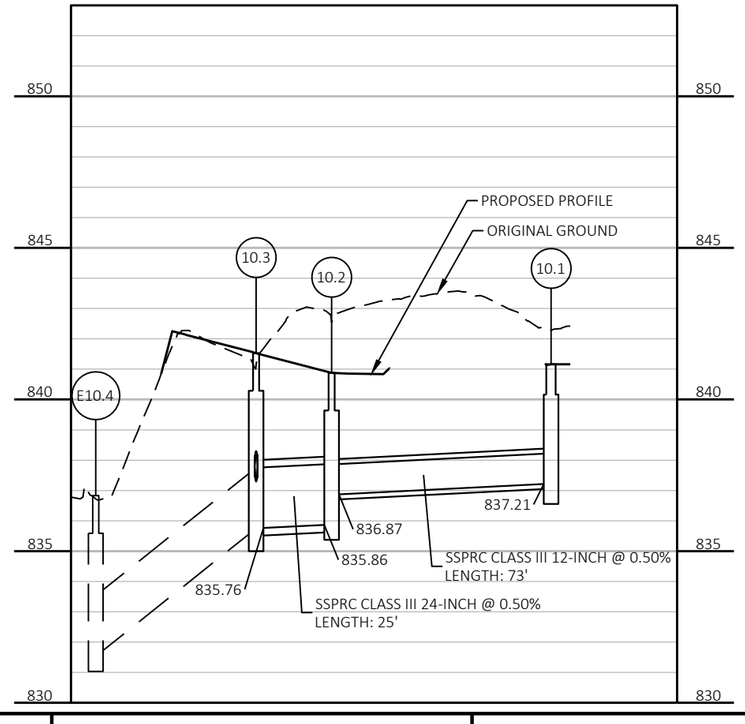
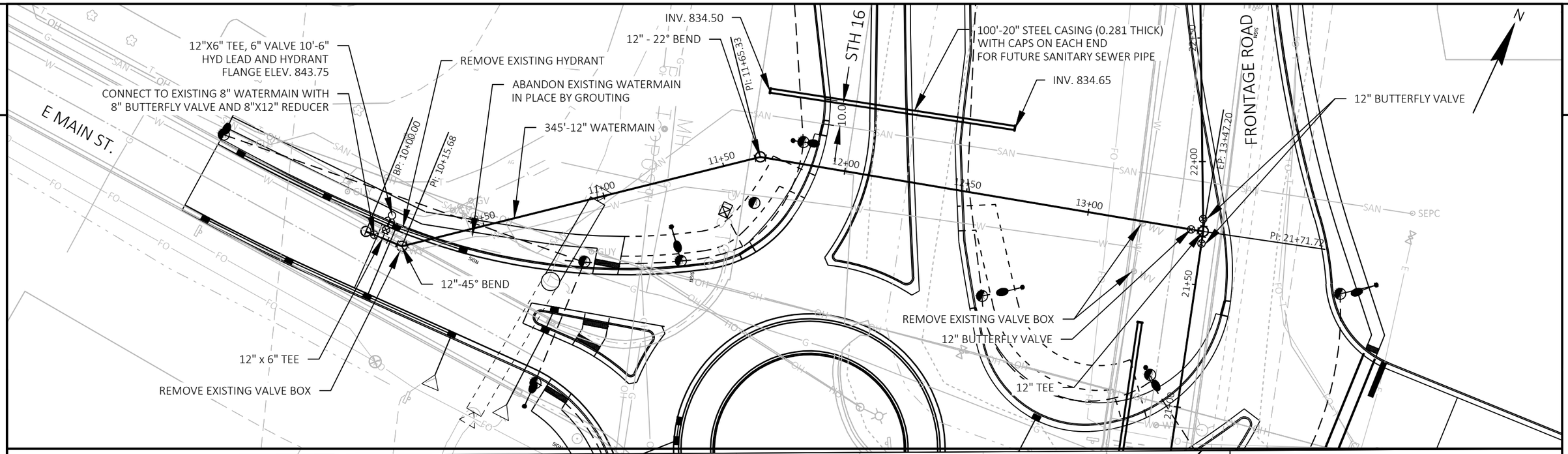




PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	STORM SEWER	SHEET 92	E

2



PROJECT NO: 1370-00-77	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: WATERMAIN	SHEET 93	E

2

STH 16

REMOVE EXISTING HYDRANT AND VALVE BOX

INV. 835.25

REMOVE EXISTING VALVE BOX

INV. 835.00

12" BUTTERFLY VALVE

12" TEE

313'-12" WATERMAIN

12"X6" TEE, 6" VALVE 12'-6" HYD LEAD AND HYDRANT FLANGE ELEV. 844.88

12" - 11° BEND

CONNECT TO EXISTING 12" WATERMAIN WITH 12" BUTTERFLY VALVE

EP: 20+00.00

EP: 23+20.18

EP: 13+47.20

EP: 21+71.72

20.0'

20+50

21+00

21+50

22+00

22+50

23+00

13+00

FRONTAGE ROAD

E MAIN ST.

6" VALVE 10.5'-6" HYD LEAD AND HYDRANT FLANGE ELEV. 847.00

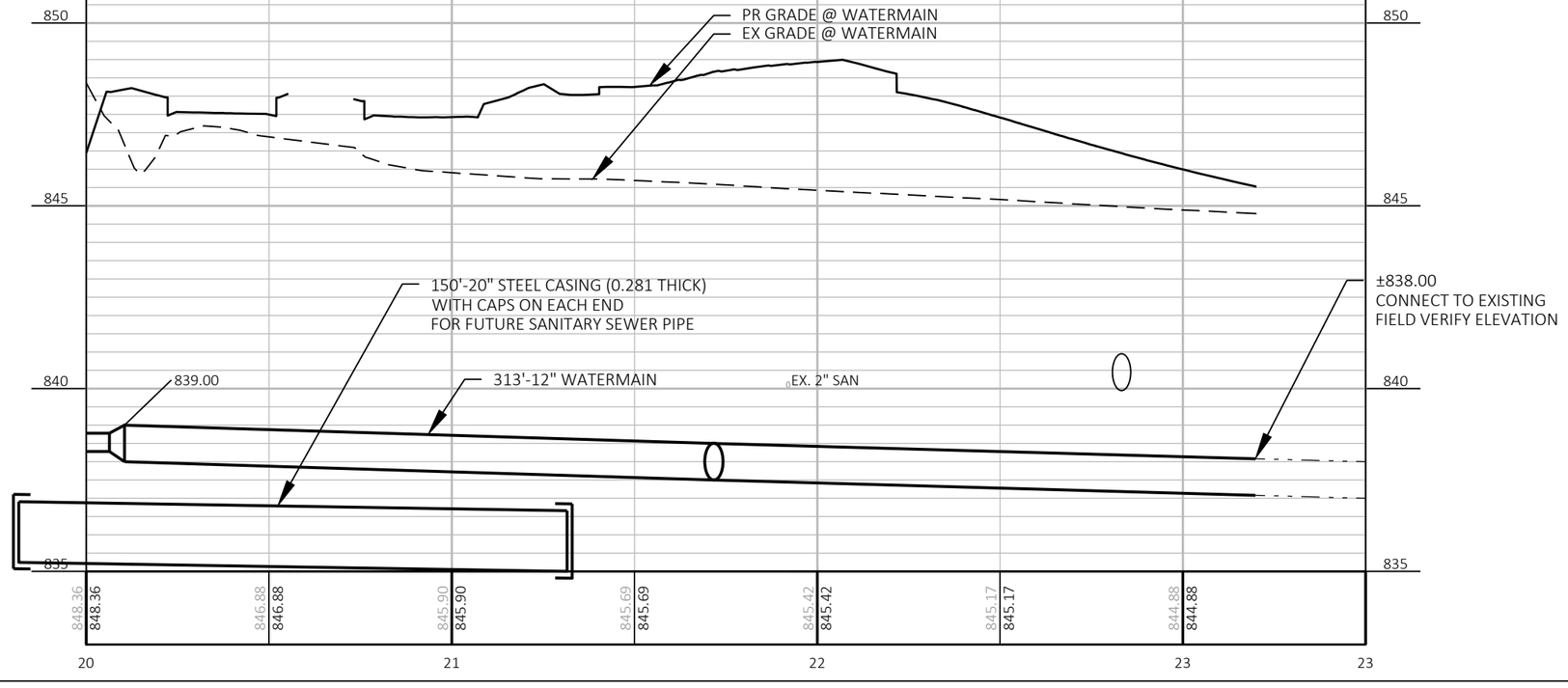
12"x6" REDUCER

150'-20" STEEL CASING (0.281 THICK) WITH CAPS ON EACH END FOR FUTURE SANITARY SEWER PIPE

REMOVE EXISTING HYDRANT

ABANDON EXISTING WATERMAIN IN PLACE BY GROUTING

12" BUTTERFLY VALVE



PROJECT NO: 1370-00-77	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: WATERMAIN	SHEET 94	E

2

STREET LIGHTING PLANS PREPARED BY:

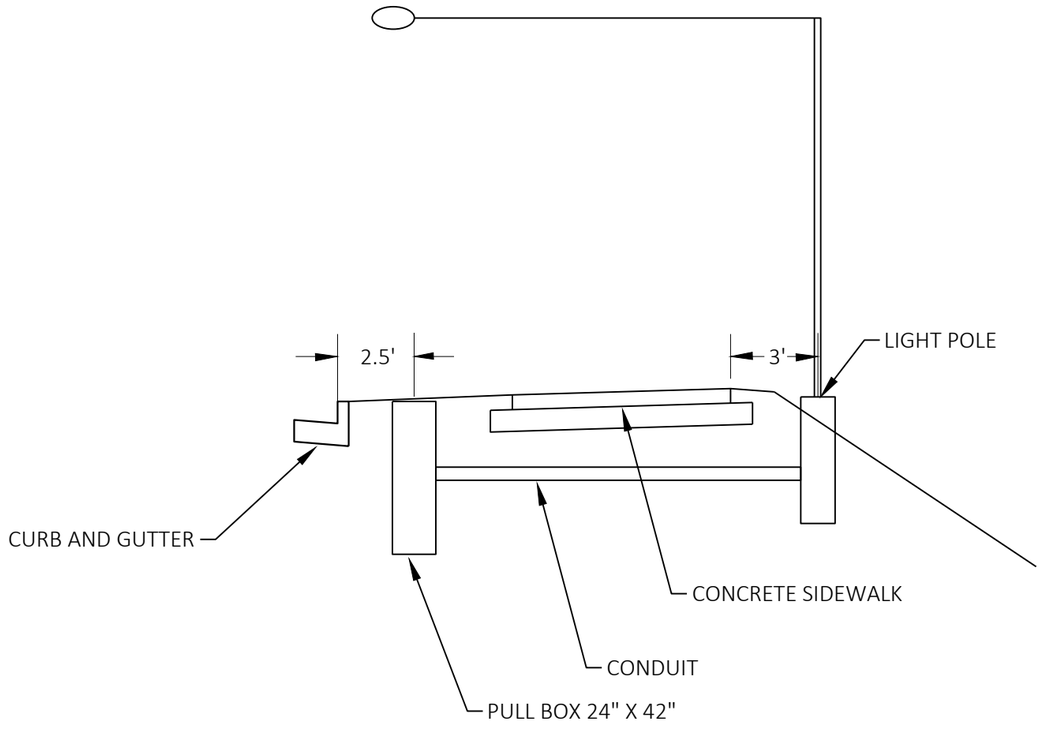
SIGNATURE: Amanda M. Johnson

DATE: 07/30/2024 SHEETS: 1 of 5

NOTES:

1. FREEWAY LIGHTING AND LOCAL STREET LIGHTING SHALL BE INSTALLED IN COMPLIANCE WITH WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS SECTIONS 652, 655, 656, 657, AND 659.
2. DETAILS OF CONSTRUCTION MATERIALS AND WORKMANSHIP NOT SHOWN ON THESE DRAWINGS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.
3. LOCATIONS OF THE PVC CONDUITS ARE IDENTIFIED IN THE PLANS WHERE THEY ARE REQUIRED. HOWEVER, UNDER THE APPROVAL OF THE ENGINEER, ADJUSTMENT ON CONDUIT LOCATIONS MAY BE MADE IF THE FIELD CONDITIONS ARE SUCH THAT THE CONDUIT CANNOT BE INSTALLED AT THE SPECIFIED LOCATIONS DUE TO SIGN FOUNDATIONS OR CURB AND GUTTER. FIELD MARK EACH CONDUIT LOCATION IN RED TO ILLUSTRATE AS BUILD CONDITIONS.
4. THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.
5. ALL OPEN AND UN-TERMINATED CONDUITS SHALL BE CAPPED OR PLUGGED WITH ENGINEER APPROVED FITTINGS IMMEDIATELY AFTER INSTALLATION.
6. BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR IMMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.
7. ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGED ON ALL CONDUITS.
8. PRIOR TO CONDUIT ACCEPTANCE, ALL CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND CAPPED WITH THE APPROPRIATE CAST PLASTIC CAP WHICH FITS SNUGGLY ON THE CONDUIT, BUT EASILY REMOVED IN THE FUTURE. DUCT TAPE OR ANY OTHER CAPPING METHOD IS NOT ACCEPTABLE.
9. CONDUIT RUNS SHALL BE THE SAME SIZE PIPE FROM ONE END TO THE OTHER (FROM PULL BOX-TO-PULL BOX, JUNCTION BOX OR BASE-TO-BASE, ETC.) UNLESS OTHERWISE NOTED ON PLANS.
10. PULL ROPE (3/8-INCH NYLON) SHALL BE INSTALLED IN ALL NEW CONDUITS.
11. CONTRACTOR SHALL SUPPLY AS-BUILT DRAWINGS (.PDF FORMAT) FOR ALL THE WORK BEING DONE.
12. CONDUIT LATERALS SHALL BE TRENCHED UNDER PAVEMENT BEFORE PAVEMENT CONSTRUCTION. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ROADWAY CONSTRUCTION FOR CONDUIT LATERALS INSTALLATION.
13. WHERE MULTIPLE CIRCUITS ARE PRESENT IN THE SAME CONDUIT OR DUCT, CONTRACTOR SHALL CLEARLY LABEL EACH CIRCUIT.
14. WHERE LIGHTING WIRING IS LOCATED WITHIN A SINGLE POLE, BOTH CIRCUITS SHALL BE CLEARLY LABELED.
15. LIGHTING PULL BOXES SHALL BE CLEARLY IDENTIFIED WITH "LIGHTING" ON THEIR COVERS IN PLAIN SIGHT.

DESIGN DATA TABLE	
	STH 16 & Main Street RAB
Average Maintained Illuminance	1.28 fc
Light Loss Factor (LLF)	0.85
Uniformity Ratio	2.5:1



TYPICAL LIGHT POLE PLACEMENT
UNLESS OTHERWISE NOTED IN PLANS

LIGHTING PLAN LEGEND

- LIGHTING CONTROL CABINET AND ELECTRICAL SERVICE METER BREAKER PEDESTAL ON CONCRETE CONTROL CABINET BASE
- PULL BOX- 24" X 42" (OFFSET 2.5' FOC UNLESS NOTED)
- CONDUIT- 2" UNLESS NOTED ON SCHEMATIC
- PROPOSED SINGLE ARM LIGHTING UNIT

STATION — OFFSET (3' BACK OF SIDEWALK UNLESS NOTED)

100+00.00, 100.00 RT
LED-B-A(T)-4-A.NS.1

- CIRCUIT, SOURCE, POLE#
- ARM LENGTH
- POLE TYPE ON T-BASE
- LUMINAIRE CATEGORY
- LUMINAIRE SOURCE

CITY OF WATERTOWN - SANITARY FORCE MAIN
15+45.94 'RE'
LED-B-5(T)-12-A.16.15
10+19.76 34.93' LT
PB22
WE ENERGIES - GAS
14+54.71 'RE' 38.15' RT
LED-B-5(T)-12-B.16.11
14+55.55 'RE'
PB 14
15'RE'+00
104'RW'+00
16'RE'+00
105'RW'+00
17'RE'+00
106'RW'+00
18'RE'+00
103+57.55 'RW' 36.59' LT
LED-B-5(T)-12-B.16.14
103+54.36 'RW'
PB21
13+47.26 'RE'
PB 13
14'RE'+00
103'RW'+00
CITY OF WATERTOWN - WATER
WE ENERGIES - ELECTRIC
SPECTRUM - COMMUNICATIONS
13+48.82 'RE' 42.61' RT
LED-B-5(T)-12-A.16.10
183+40.11 'X'
LED-B-5(T)-12-A.16.13
185+25.89 'X' 45.23' LT
LED-B-5(T)-12-B.16.8
SPECTRUM - COMMUNICATIONS
182+21.31 'X' 31.46' LT
LED-B-5(T)-12-B.16.16
182+21.38 'X' 26.50' LT
PB18
183+42.79 'X'
PB20
185+28.77 'X'
PB11
183'X'+00
182'X'+00
181'X'+00
180'X'+00
179'X'+00
71+00
72+00
73+00
74+00
75+00
3'CR'+00
2'CR'+00
1'CR'+00
185'X'+00
77+00
78+00
72+53.55 33.11' RT
LED-B-5(T)-12-A.16.17
0+56.76 'CR'
PB3
1+44.61 'CR'
PB7
75+02.40
PB2
73+52.05 26.28' RT
LED-B-5(T)-12-B.16.12
74+15.68 33.29' RT
PB15
75+02.36 30.50' RT
LED-B-5(T)-12-A.16.1
77+47.70
PB8
72+53.97 38.09' RT
PB19
CITY OF WATERTOWN - WATER
73+52.21 31.28' RT
PB16
EXISTING R/W
101'RW'+00
1+40.95 'CR' 49.93' RT
LED-B-5(T)-12-A.16.5
AT&T WI - TELECOMMUNICATIONS
0+42.72 'CR' 47.13' RT
DISTRIBUTION CENTER
L-16-ST
0+41.32 'CR'
PB1
100+87.03 'RW'
PB4
0+54.37 'CR'
LED-B-5(T)-12-B.16.2
11'RE'+00
100'RW'+00
11+57.52 'RE' 30.57' RT
LED-B-5(T)-12-B.16.4
TLE
WE ENERGIES - GAS
CITY OF WATERTOWN - SANITARY FORCE MAIN
11+57.54 'RE'
PB 6
TLE
99+24.85 'RW'
PB5
AT&T WI - FIBER OPTIC
105+43.42 'RW' 405.75' LT
LED-B-5(T)-12-A.16.3
99'RW'+00
MATCHLINE 78+00

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	LIGHTING PLAN SCHEMATIC - STH 16	SHEET 96	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\023601-LP-NEW-NEW.DWG
PLOT DATE : 7/11/2024 1:32 PM
PLOT BY : JORDYN BENN
PLOT NAME :
PLOT SCALE : 1 IN:50 FT

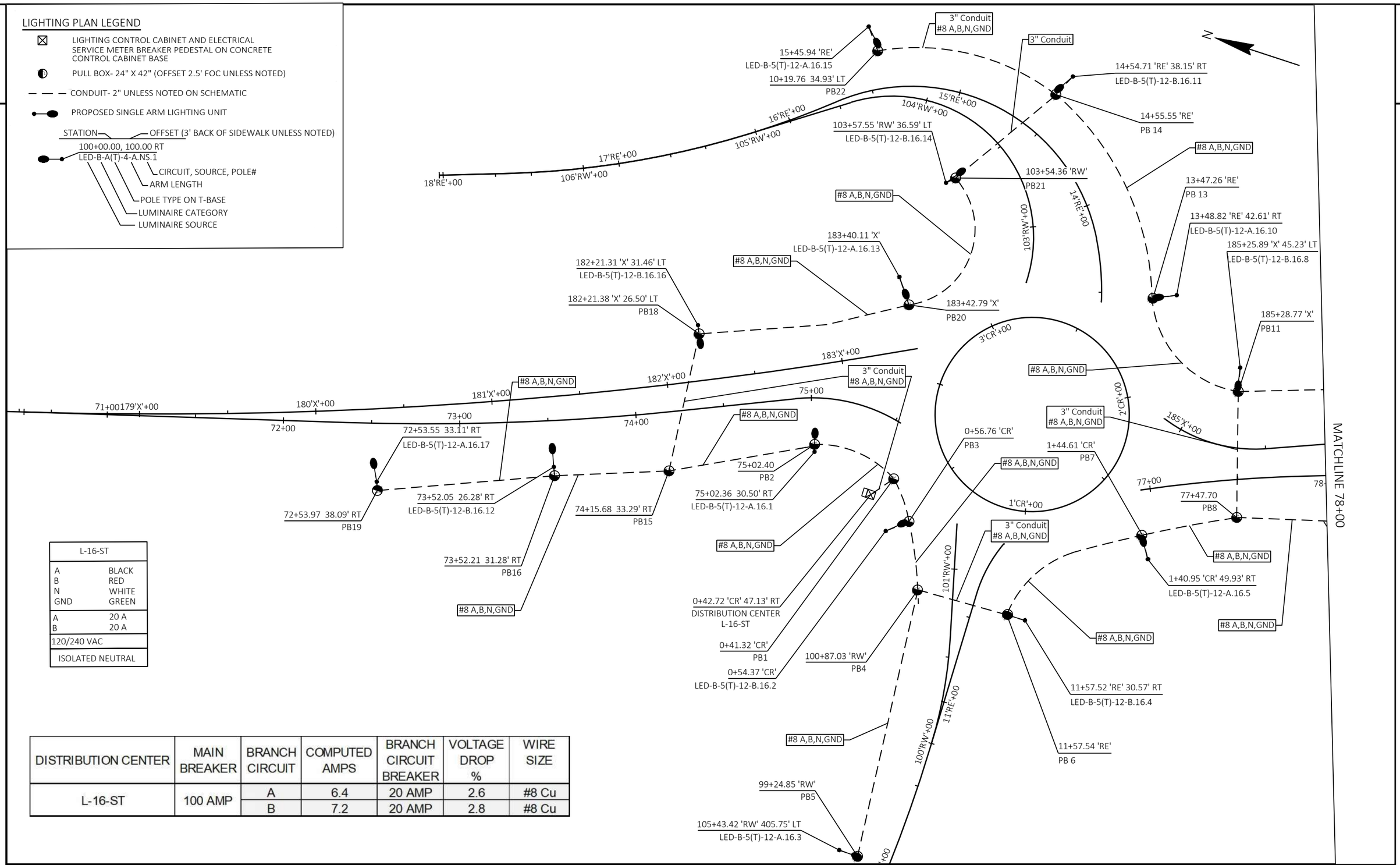
LIGHTING PLAN LEGEND

- LIGHTING CONTROL CABINET AND ELECTRICAL SERVICE METER BREAKER PEDESTAL ON CONCRETE CONTROL CABINET BASE
- PULL BOX- 24" X 42" (OFFSET 2.5' FOC UNLESS NOTED)
- CONDUIT- 2" UNLESS NOTED ON SCHEMATIC
- PROPOSED SINGLE ARM LIGHTING UNIT

STATION — OFFSET (3' BACK OF SIDEWALK UNLESS NOTED)

100+00.00, 100.00 RT
LED-B-A(T)-4-A.NS.1

- CIRCUIT, SOURCE, POLE#
- ARM LENGTH
- POLE TYPE ON T-BASE
- LUMINAIRE CATEGORY
- LUMINAIRE SOURCE



L-16-ST	
A	BLACK
B	RED
N	WHITE
GND	GREEN
A	20 A
B	20 A
120/240 VAC	
ISOLATED NEUTRAL	

DISTRIBUTION CENTER	MAIN BREAKER	BRANCH CIRCUIT	COMPUTED AMPS	BRANCH CIRCUIT BREAKER	VOLTAGE DROP %	WIRE SIZE
L-16-ST	100 AMP	A	6.4	20 AMP	2.6	#8 Cu
		B	7.2	20 AMP	2.8	#8 Cu

2

LIGHTING PLAN LEGEND

- LIGHTING CONTROL CABINET AND ELECTRICAL SERVICE METER BREAKER PEDESTAL ON CONCRETE CONTROL CABINET BASE
- PULL BOX- 24" X 42" (OFFSET 2.5' FOC UNLESS NOTED)
- CONDUIT- 2" UNLESS NOTED ON SCHEMATIC
- PROPOSED SINGLE ARM LIGHTING UNIT

STATION — OFFSET (3' BACK OF SIDEWALK UNLESS NOTED)
100+00.00, 100.00 RT
LED-B-A(T)-4-A.NS.1
- CIRCUIT, SOURCE, POLE#
- ARM LENGTH
- POLE TYPE ON T-BASE
- LUMINAIRE CATEGORY
- LUMINAIRE SOURCE

N

EXISTING R/W

AT&T WI - FIBER OPTIC

186+81.27 'X' 24.00' LT
LED-B-5(T)-12-A.16.9

186+81.30 'X' 29.02' LT
PB12

187+86.90 'X' 28.97' LT
PB10

187+87.30 'X' 24.00' LT
LED-B-5(T)-12-A.16.7

MATCHLINE 78+00

186'X'+00
187'X'+00
188'X'+00
189'X'+00
190'X'+00
191'X'+00
192'X'+00
79+00
80+00
81+00
82+00
83+00
84+00

78+09.37 26.36' RT
LED-B-5(T)-12-B.16.6

PB9
78+09.04

WE ENERGIES - GAS

WE ENERGIES - ELECTRIC

EXISTING R/W

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	LIGHTING PLAN SCHEMATIC - STH 16	SHEET 98	E

2

LIGHTING PLAN LEGEND

- LIGHTING CONTROL CABINET AND ELECTRICAL SERVICE METER BREAKER PEDESTAL ON CONCRETE CONTROL CABINET BASE
- PULL BOX- 24" X 42" (OFFSET 2.5' FOC UNLESS NOTED)
- CONDUIT- 2" UNLESS NOTED ON SCHEMATIC
- PROPOSED SINGLE ARM LIGHTING UNIT

STATION — OFFSET (3' BACK OF SIDEWALK UNLESS NOTED)
100+00.00, 100.00 RT
LED-B-A(T)-4-A.NS.1
- CIRCUIT, SOURCE, POLE#
- ARM LENGTH
- POLE TYPE ON T-BASE
- LUMINAIRE CATEGORY
- LUMINAIRE SOURCE

N

186+81.27 'X' 24.00' LT
LED-B-5(T)-12-A.16.9

#8 A,B,N,GND

186+81.30 'X' 29.02' LT
PB12

#8 A,B,N,GND

187+86.90 'X' 28.97' LT
PB10

187+87.30 'X' 24.00' LT
LED-B-5(T)-12-A.16.7

186'X'+00 187'X'+00 188'X'+00 189'X'+00 190'X'+00 191'X'+00 192'X'+00

79+00 80+00 81+00 82+00 83+00 84+00

MATCHLINE 78+00

78+09.37 26.36' RT
LED-B-5(T)-12-B.16.6

PB9
78+09.04

#8 A,B,N,GND

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	LIGHTING PLAN SCHEMATIC - STH 16	SHEET 99	E

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

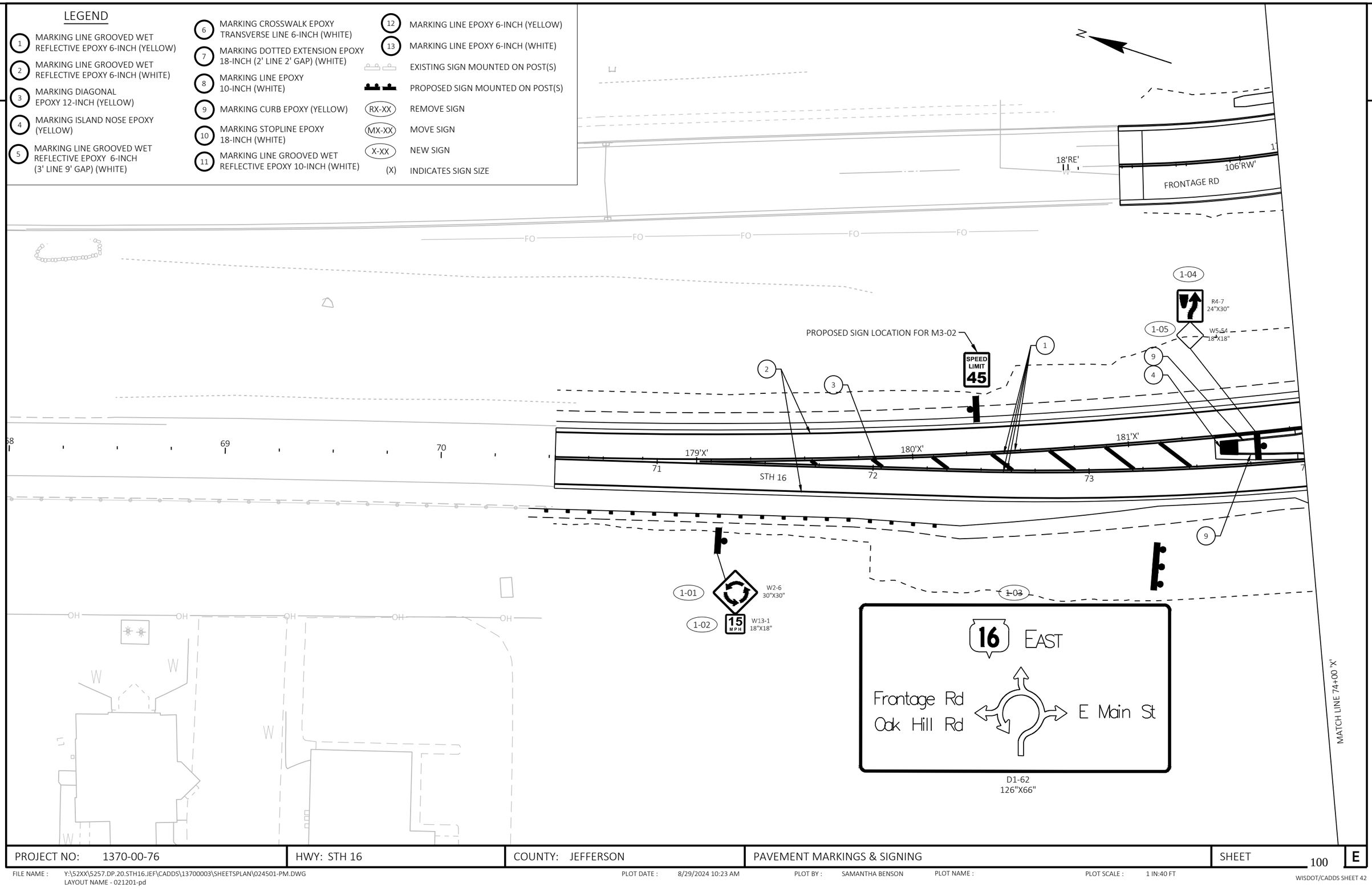
PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

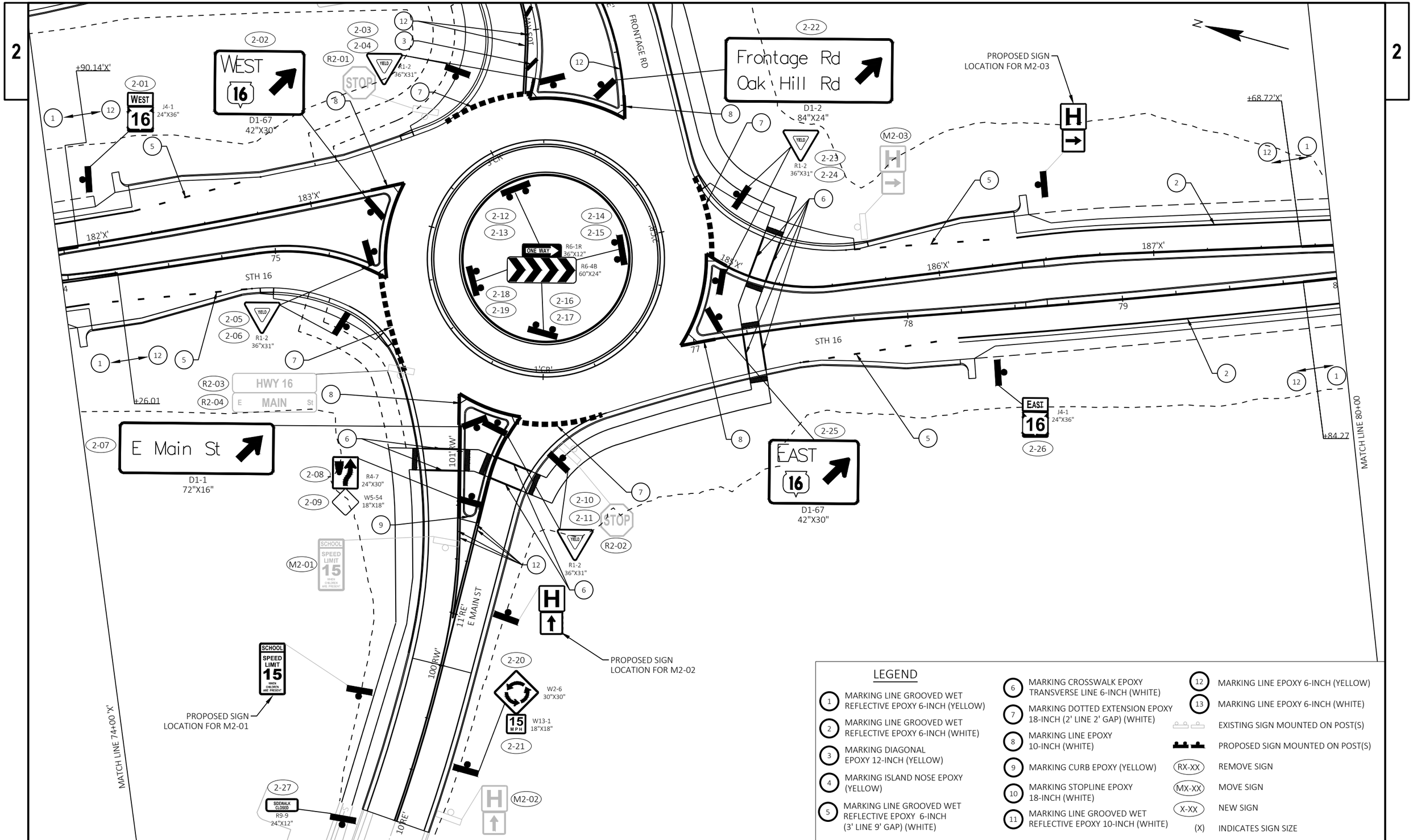
MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE



PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 100	E



PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 101	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 021202-pd

PLOT DATE : 8/29/2024 10:24 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

3-03

16 WEST

E Main St

Frontage Rd
Oak Hill Rd

D1-62
126"X66"

PROPOSED SIGN
LOCATION FOR M3-03

3-01 R4-7 24"X30"

3-02 W5-54 18"X18"

M3-02 SPEED LIMIT 45

M3-03

3-04 W2-6 30"X30"

3-05 15 MPH W13-1 18"X18"

188'X'

189'X'

190'X'

191'X'

192'X'

193'X'

0

81

82

STH 16

83

84

85

M3-01 SPEED LIMIT 55

MATCH LINE 80+00

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 102	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 021203-pd

PLOT DATE : 8/29/2024 10:25 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

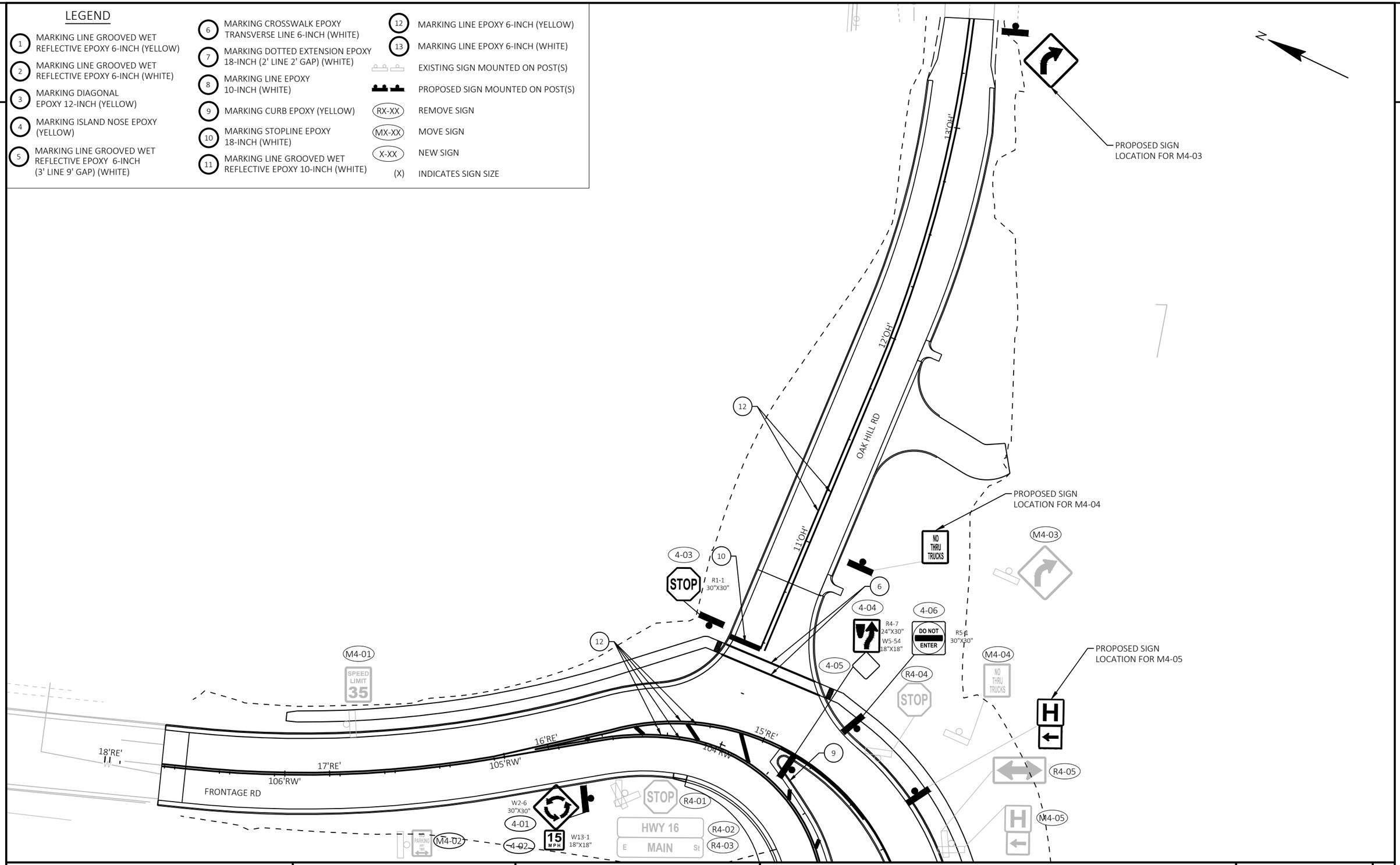
PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE



PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 103	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 021204-pd

PLOT DATE : 8/29/2024 10:25 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

R5-01

NO PASSING ZONE

SPEED LIMIT 45

M5-02

NO ENGINE BRAKING EXCEPT IN EMERGENCY

M5-03

2

1 12.5' LINE 37.5' GAP

87 88 89 STH 16 90 91 92 200'X' STH 16 WB 201' 93 STH 16 EB

2

1

3

86 87

M5-01

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

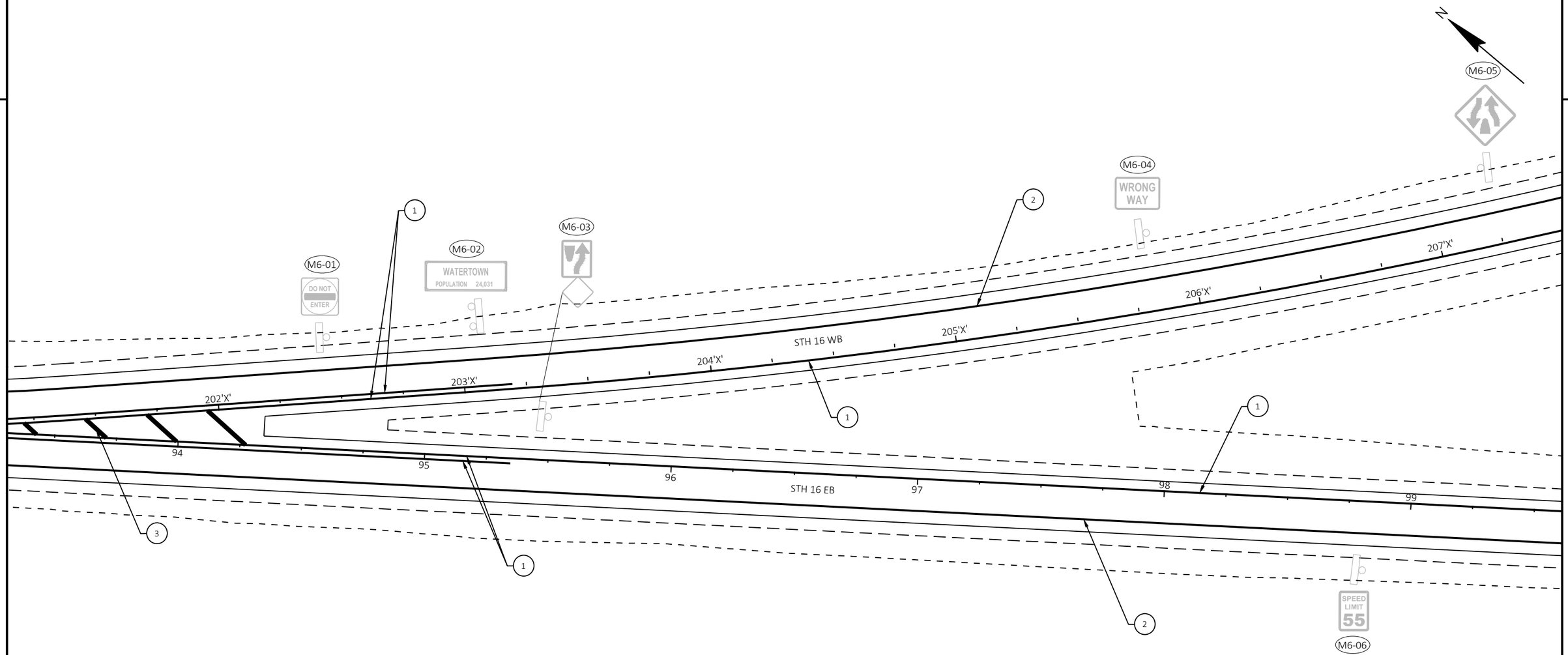
MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 104	E

2



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

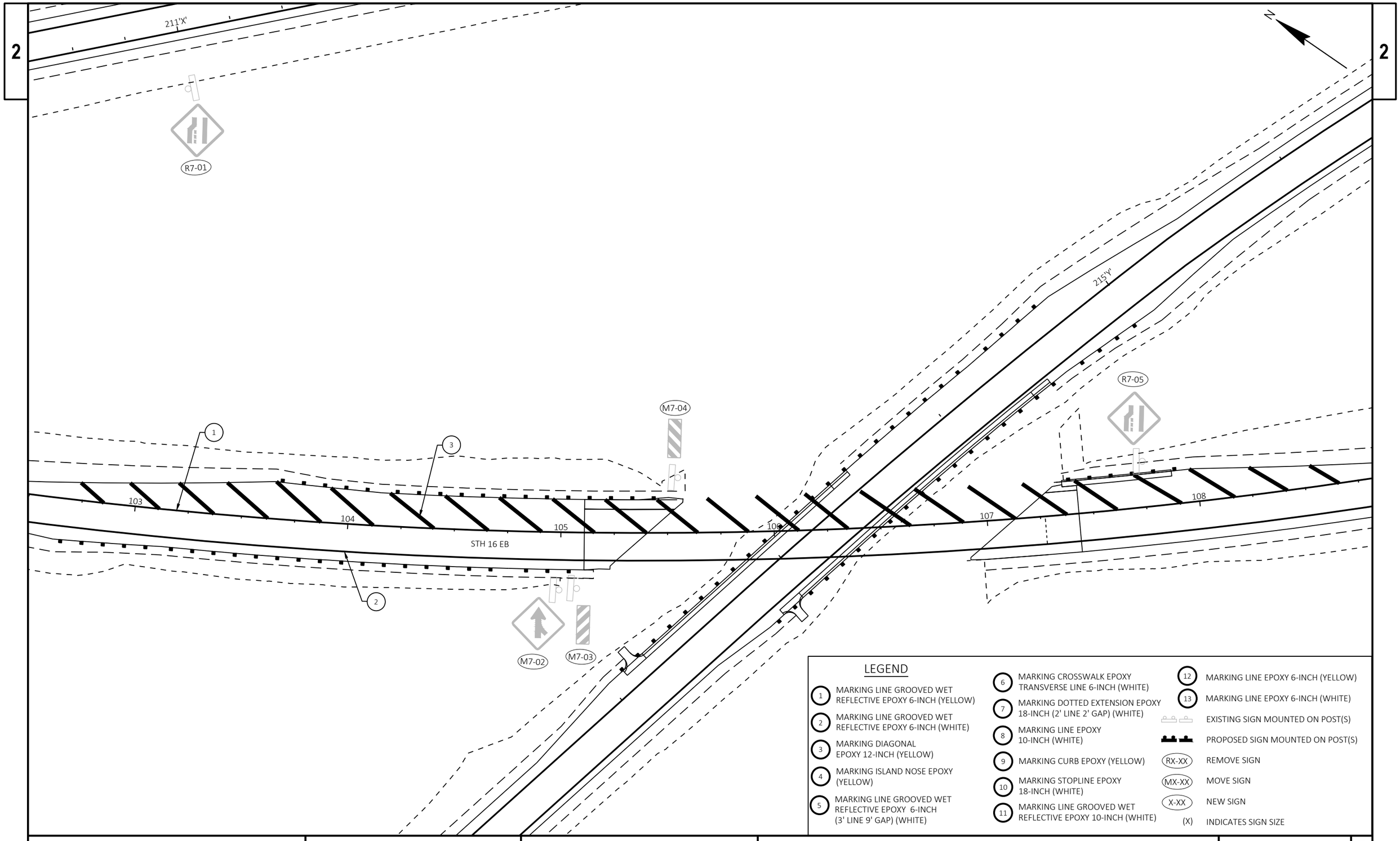
RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 105	E



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 106	E

2

2

R8-01

LEFT LANE ENDS

110

111

112

STH 16 EB

113

114

115

116

10'Z'

111'Z'

112'Z'

113'Z'

114'Z'

115'Z'

STH 19 EB

1

1

2

11

N

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 107	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - STH 16 19 EB

PLOT DATE : 8/29/2024 12:08 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : ##########

2

N

M9-03

WEST 16 H

M9-04

WEST 19

M9-08

JCT 19

231'X'

232'X'

233'X'

STH 16 WB

234'X'

235'X'

236'X'

124

125

126

127

128

129

130

STH 16 EB

1

2

M9-05

Gopher Hill Rd

M9-06

WRONG WAY

M9-07

M9-01

COLUMBUS

228'X'

229'X'

WATERTOWN

M9-02

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 108	E

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

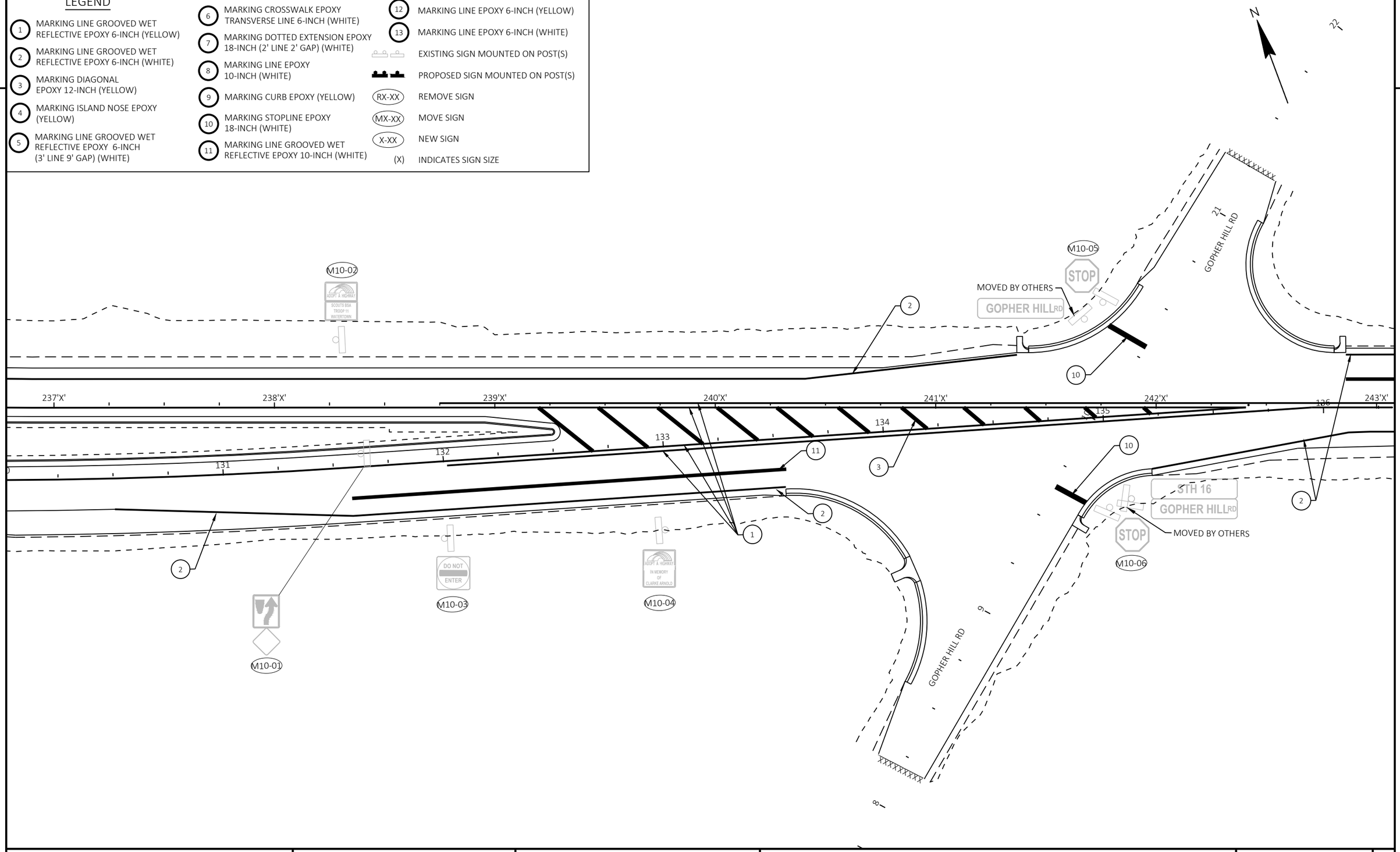
PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING - GOPHER HILL RD	SHEET 109	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - GOPHER HILL RD

PLOT DATE : 8/29/2024 10:28 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

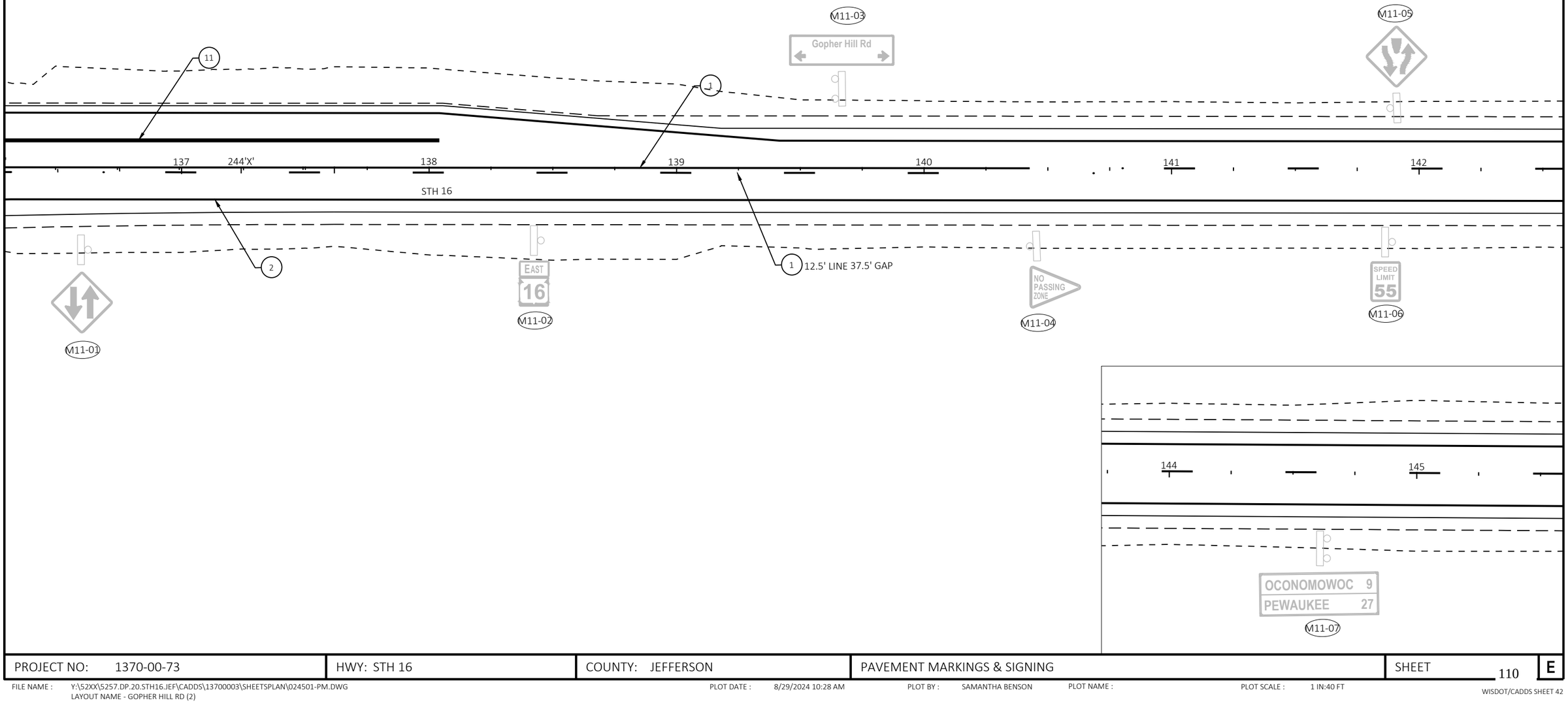
MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

N

2



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 110	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - GOPHER HILL RD (2)

PLOT DATE : 8/29/2024 10:28 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

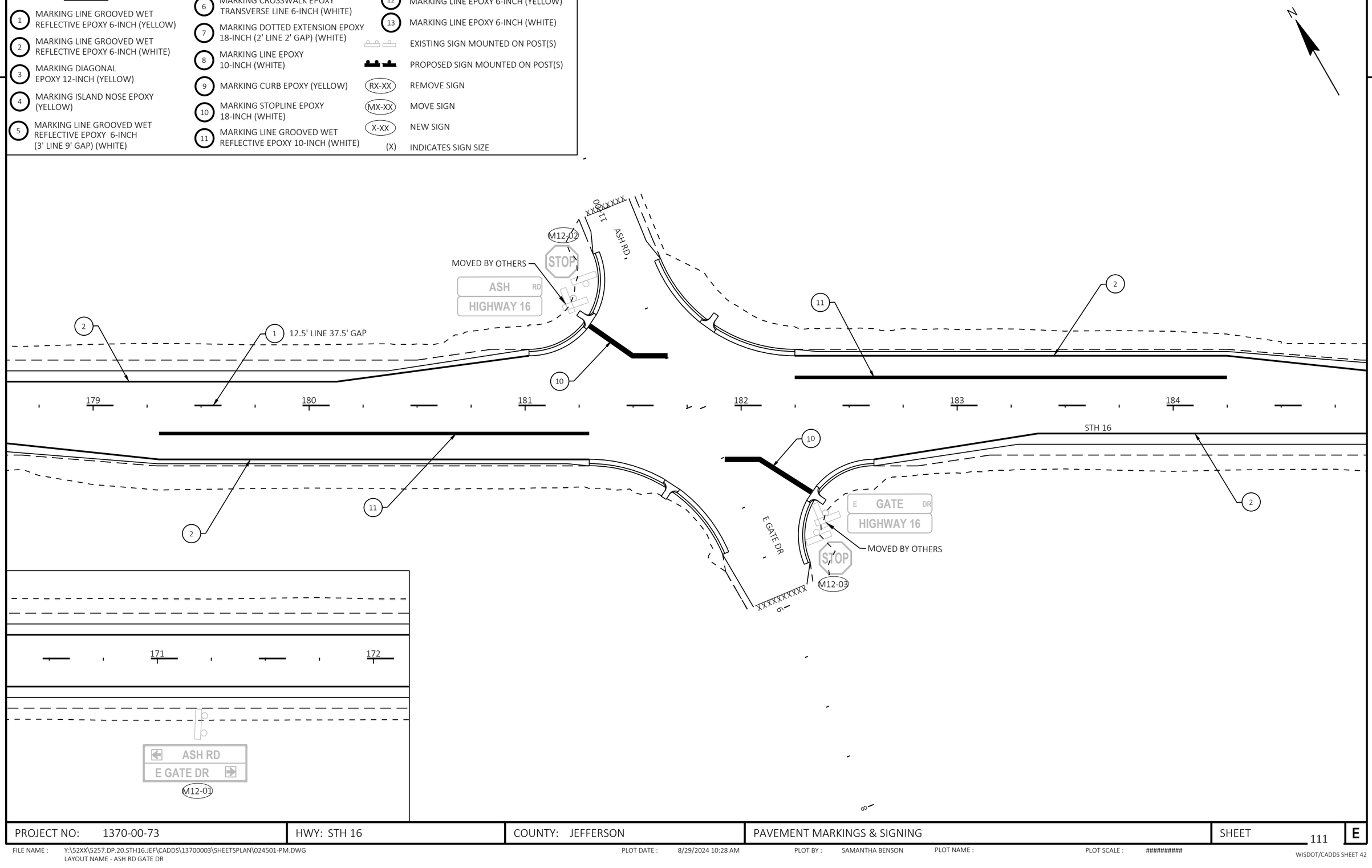
PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE


N
M12-02
STOP
MOVED BY OTHERS
ASH RD
HIGHWAY 16
ASH RD,
TTTT

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

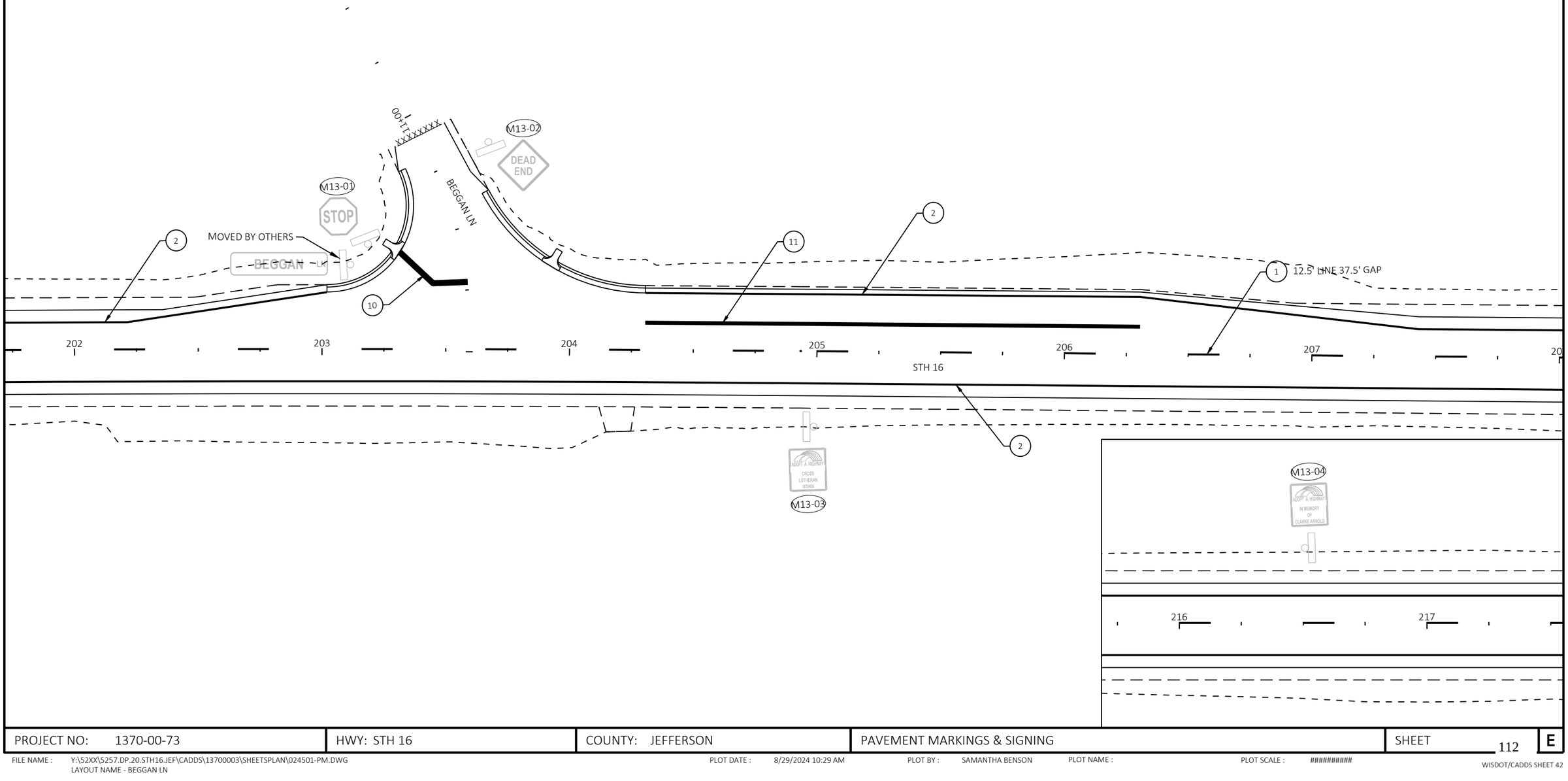
PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 112	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - BEGGAN LN

PLOT DATE : 8/29/2024 10:29 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : ##########

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

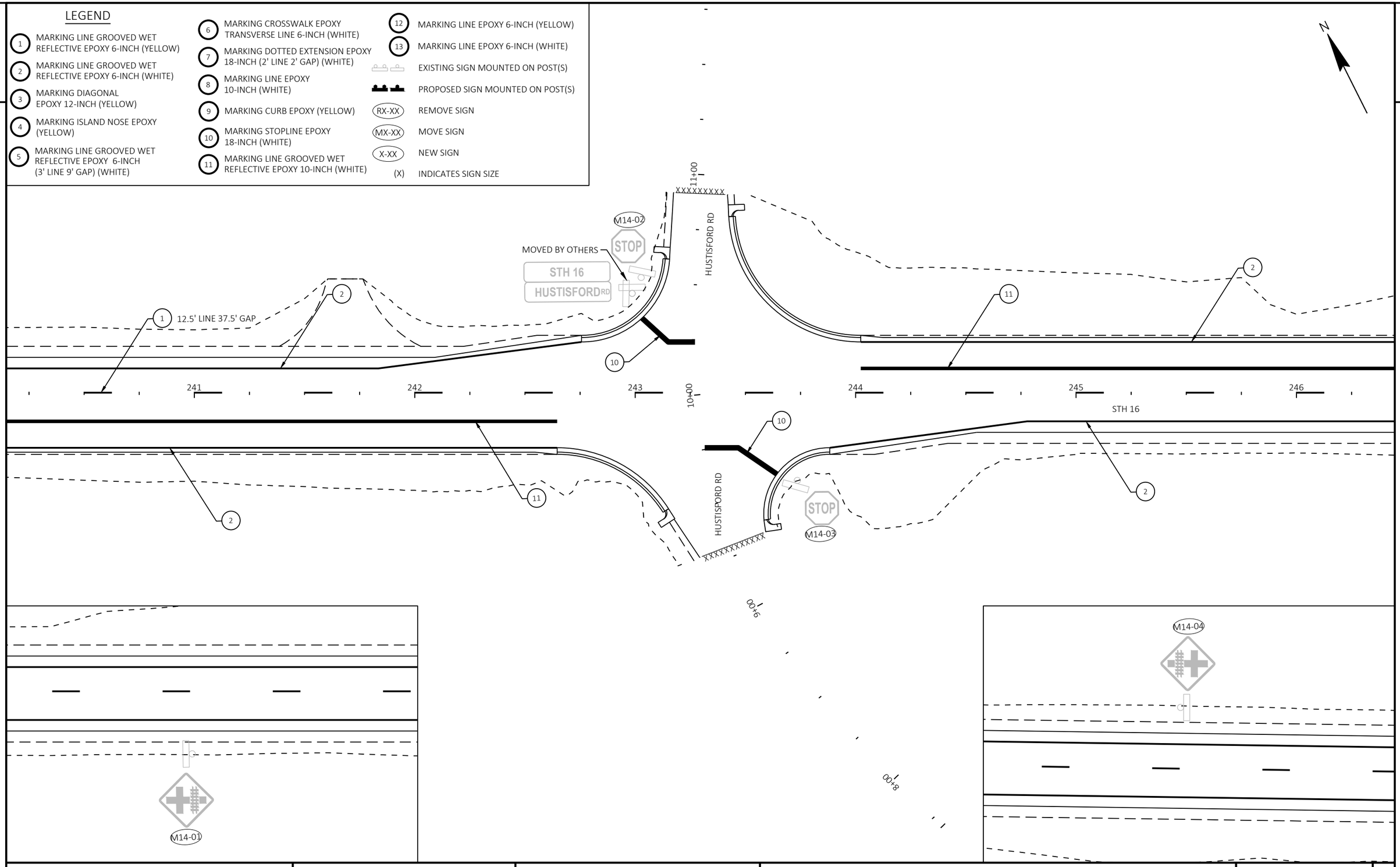
PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

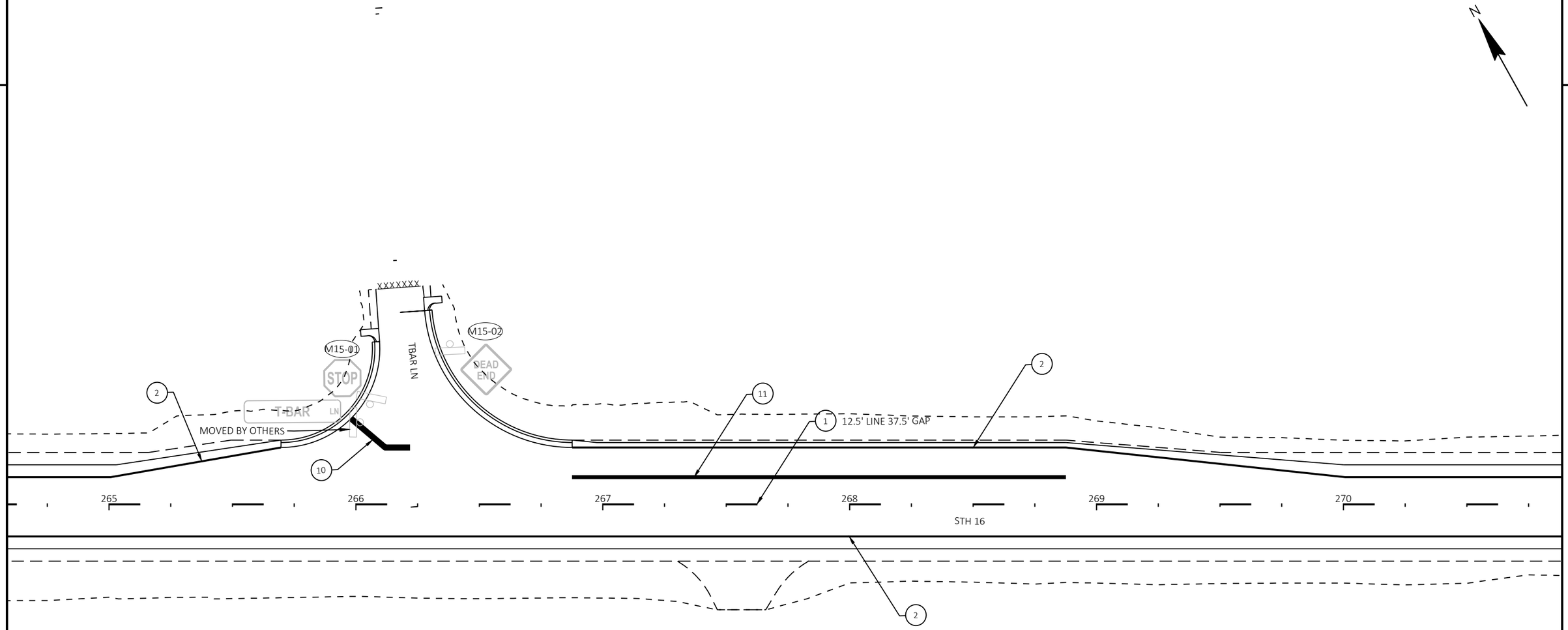


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 113 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - HUSTISFORD RD

PLOT DATE : 8/29/2024 10:29 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : ##########

2



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING - T-BAR LN	SHEET 114	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - T-BAR LN

PLOT DATE : 8/29/2024 10:30 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : ##########

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

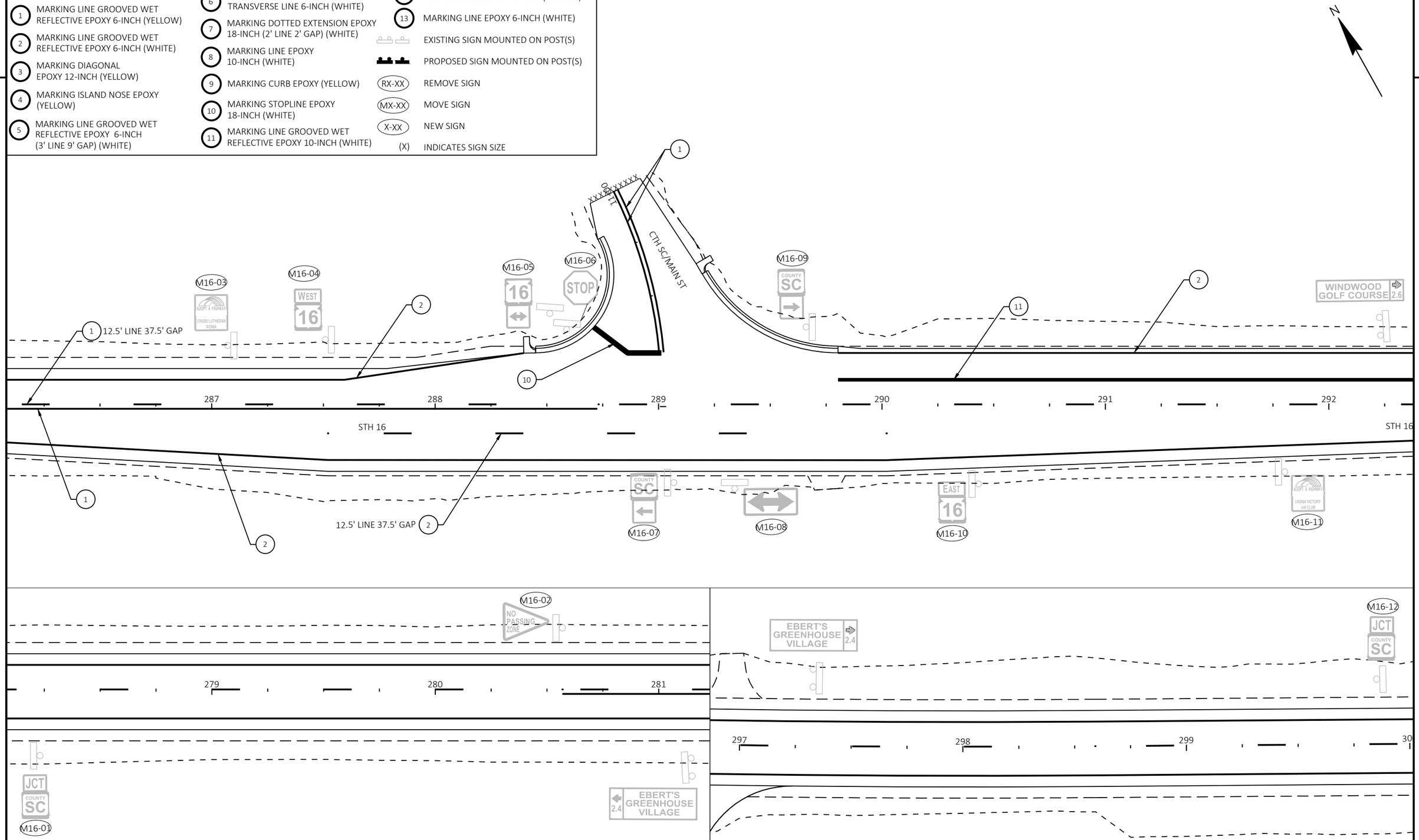
PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING - CTH SC	SHEET 115	E

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

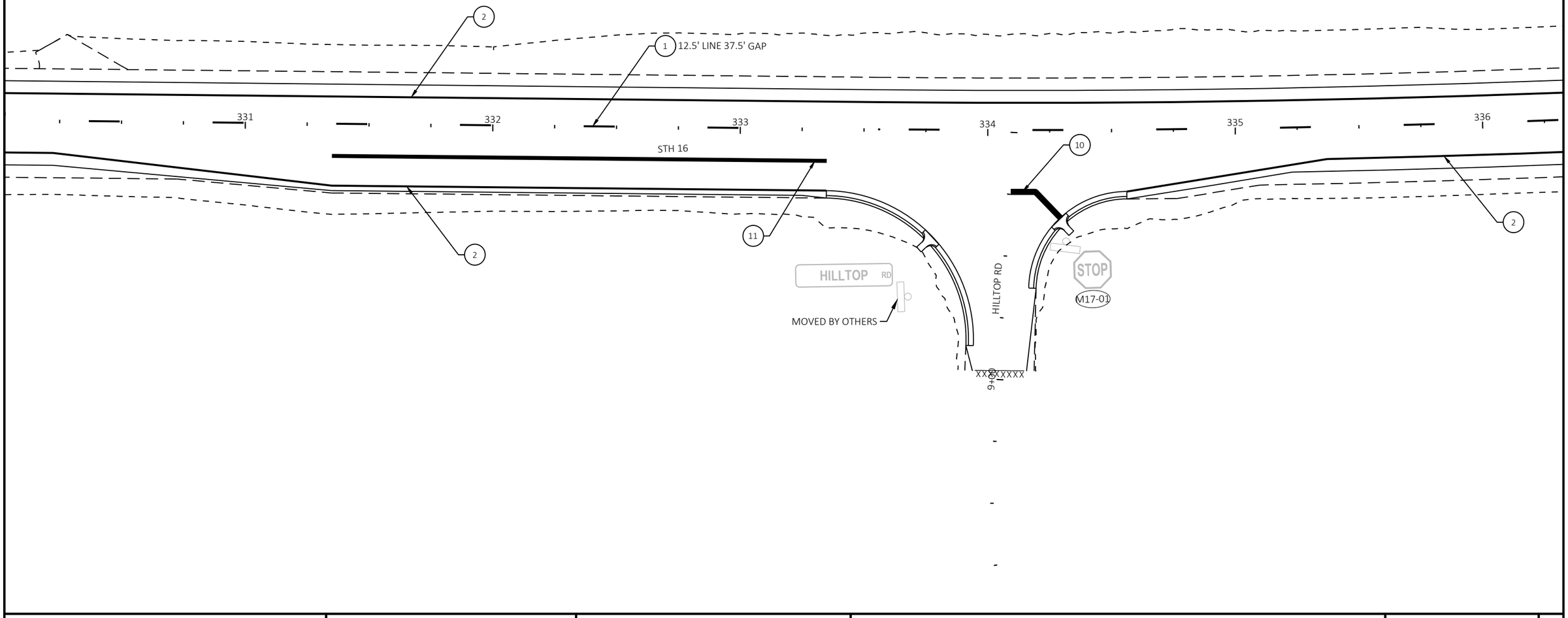
RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

N



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING - HILLTOP RD	SHEET 116	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - HILLTOP RD

PLOT DATE : 8/29/2024 10:30 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : ##########

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

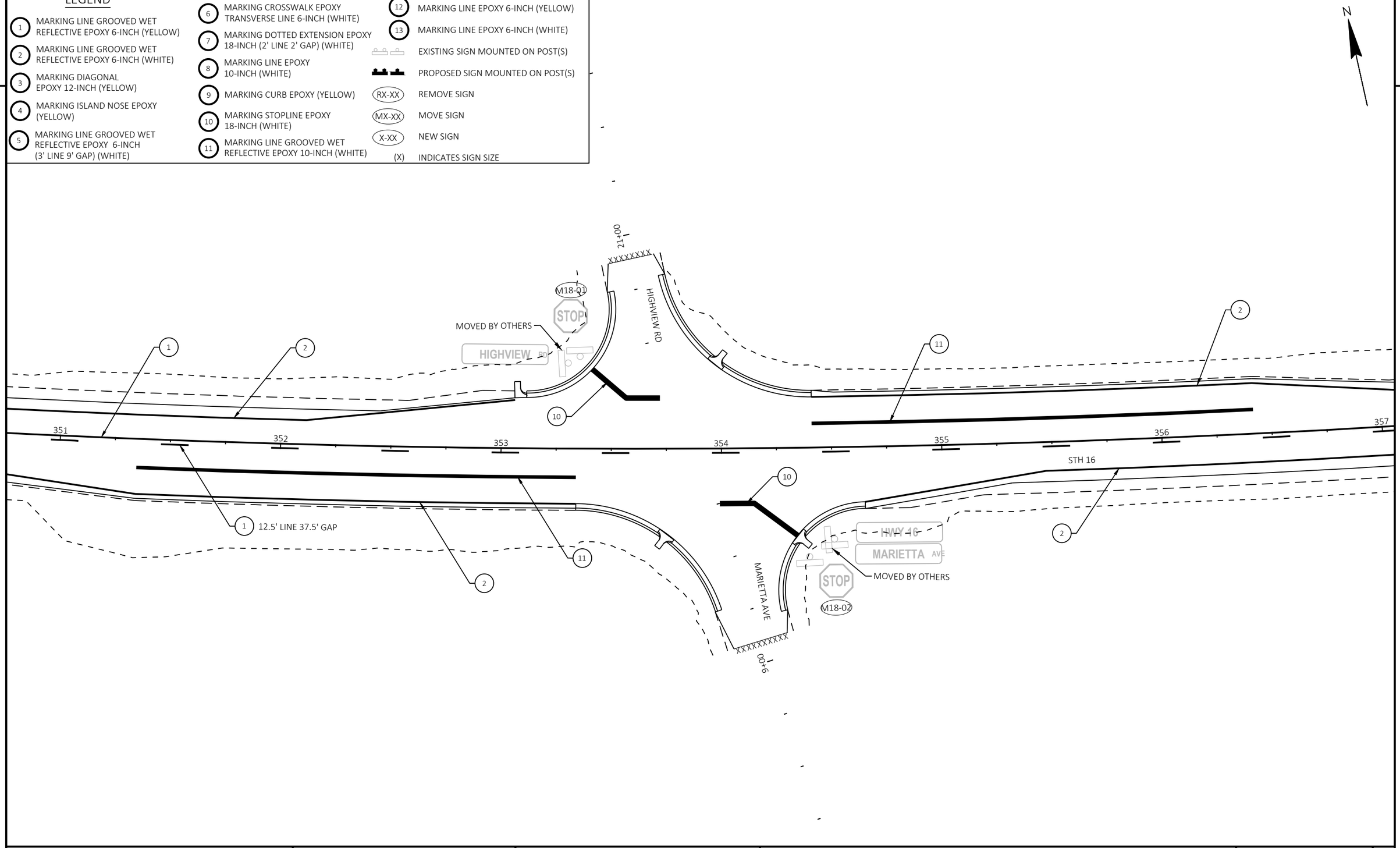
PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING - MARIETTA AVE	SHEET 117	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - MARIETTA AVE

PLOT DATE : 8/29/2024 10:31 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : ##########

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

N

2

11+00

HAWTHORNE DR

DEAD END

M19-03

STOP

M19-02

NO PASSING ZONE

M19-01

MOVED BY OTHERS

10

11

1 12.5' LINE 37.5' GAP

365 366 368 369 370 371 372 373

STH 16

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING - HAWTHORNE DR	SHEET 118	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - HAWTHORNE DR

PLOT DATE : 8/29/2024 10:31 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : ##########

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

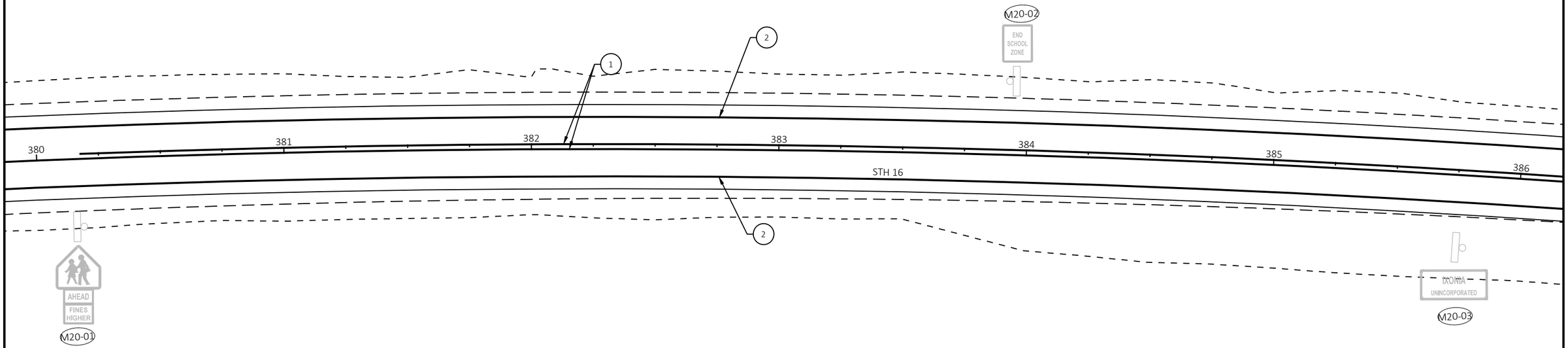
RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

N



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 119	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - STH 16 (3)

PLOT DATE : 8/29/2024 10:31 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

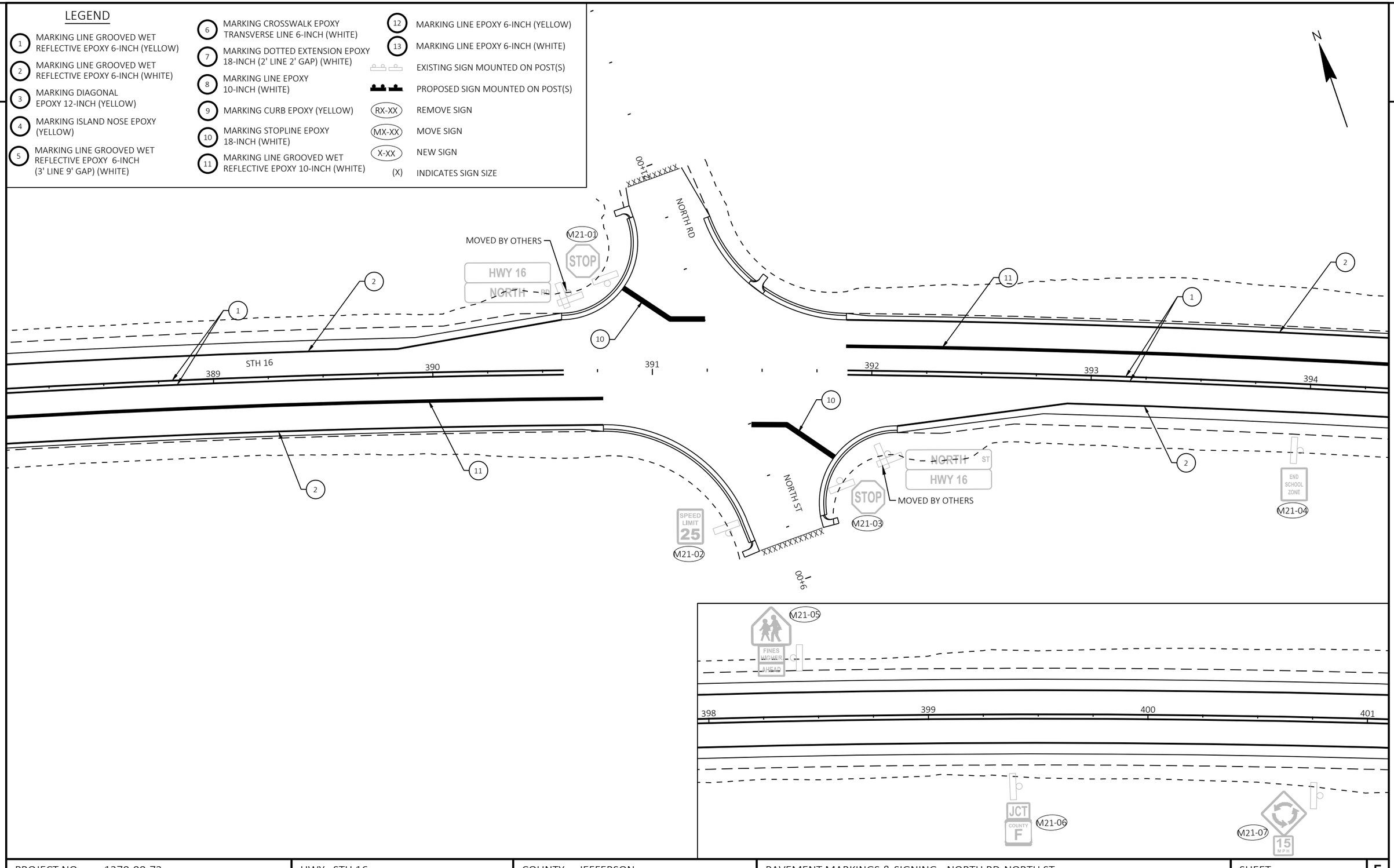
PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING - NORTH RD-NORTH ST	SHEET 120	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - NORTH RD-NORTH ST

PLOT DATE : 8/29/2024 10:32 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : ##########

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

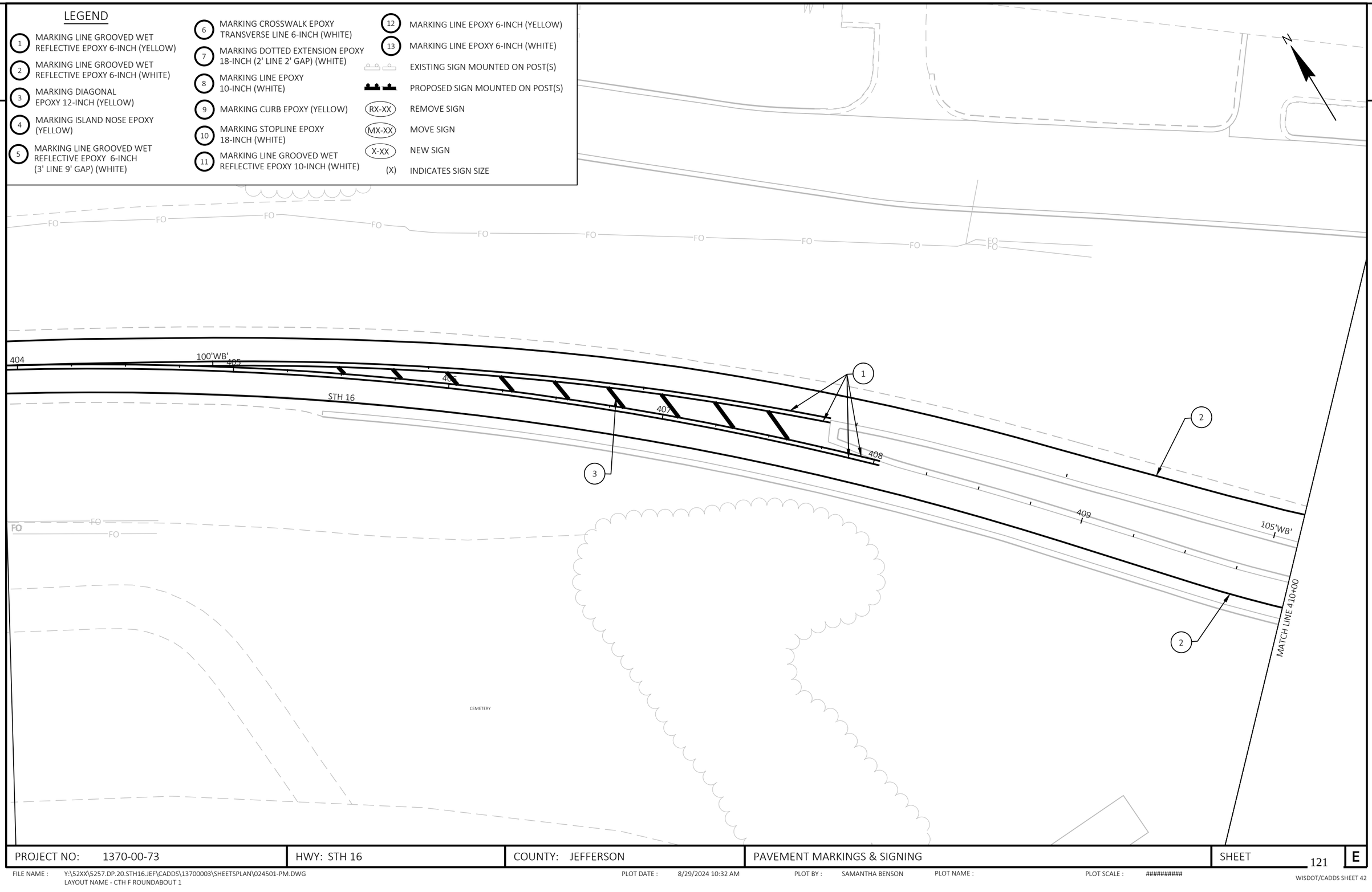
PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE



2

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 121	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - CTH F ROUNDABOUT 1

PLOT DATE : 8/29/2024 10:32 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : ##########

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

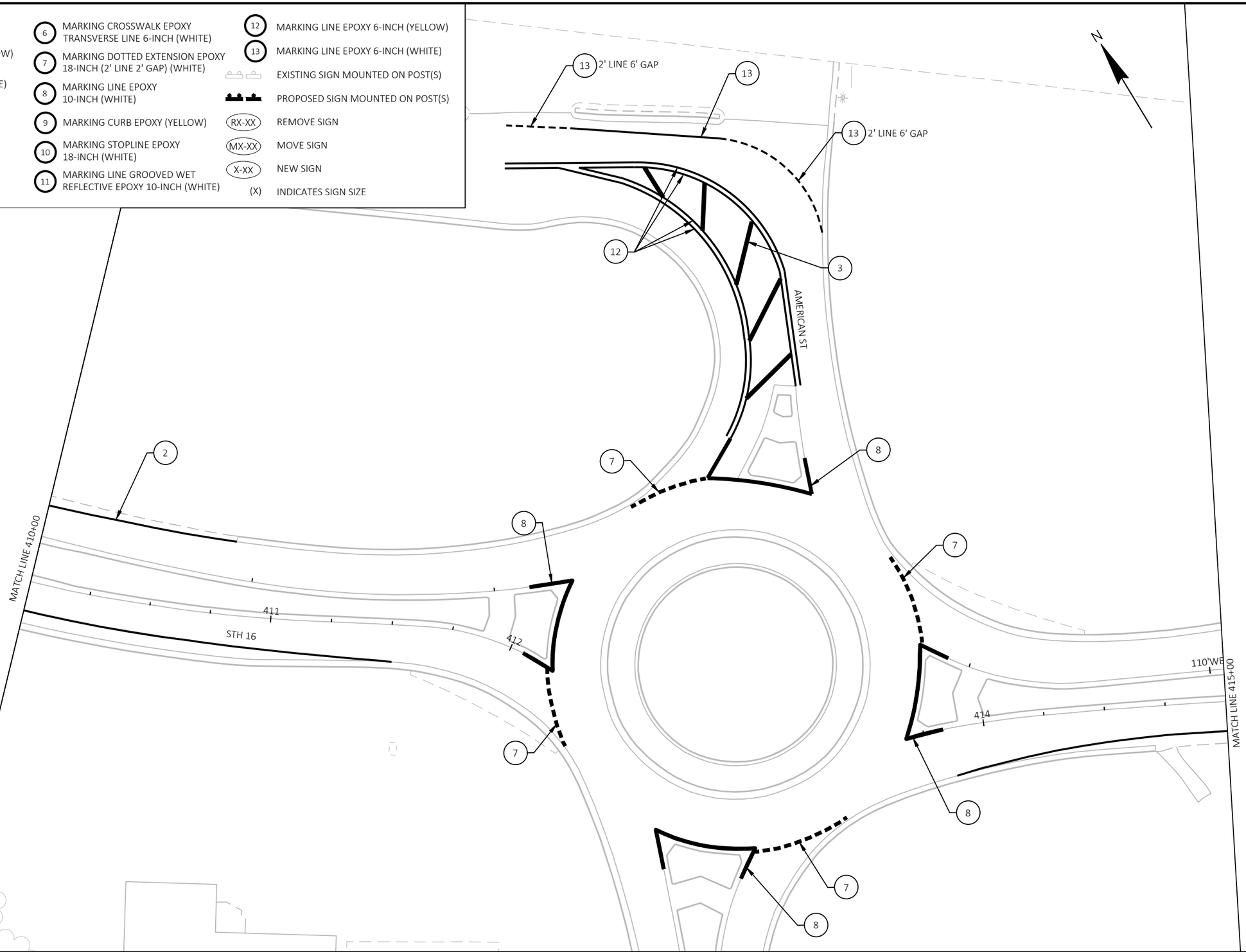
PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

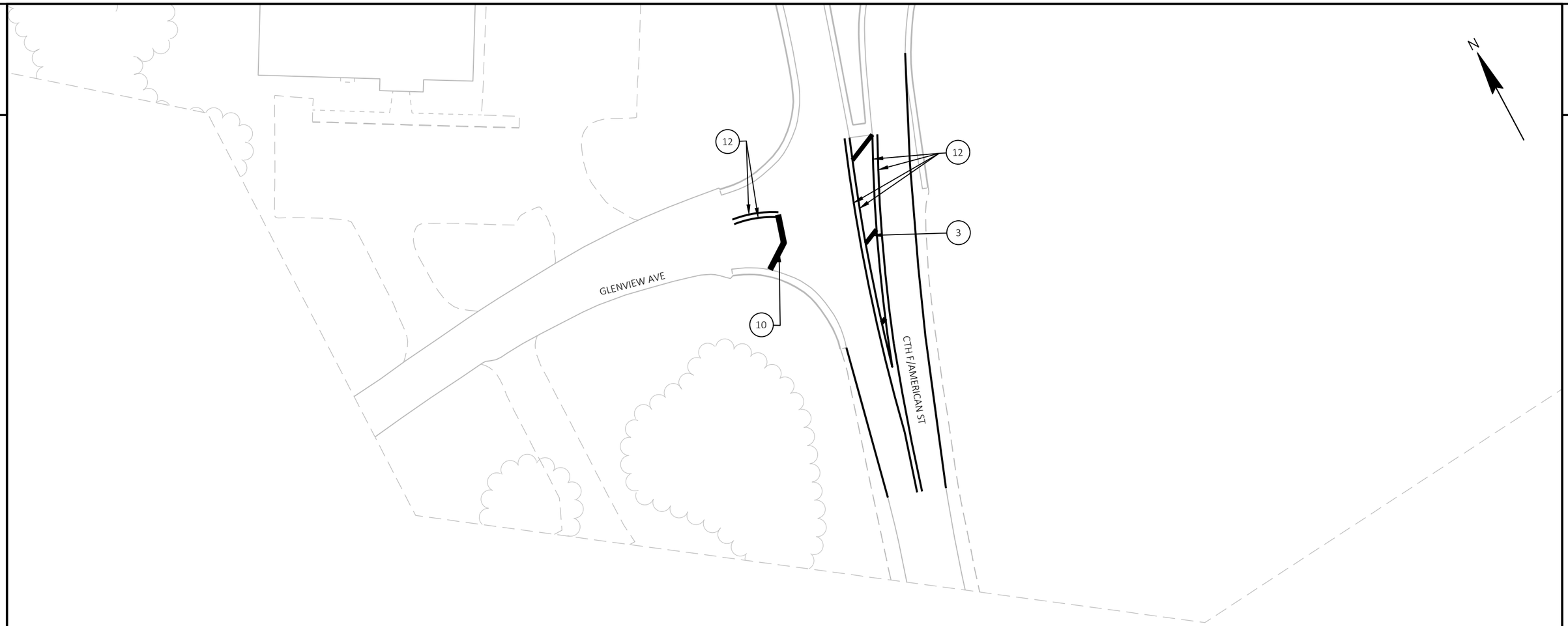
(X) INDICATES SIGN SIZE



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 122	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - CTH F ROUNDABOUT 2

PLOT DATE : 8/29/2024 10:32 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : ##########



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 123	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - CTH F ROUNDABOUT 3

PLOT DATE : 8/29/2024 10:33 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

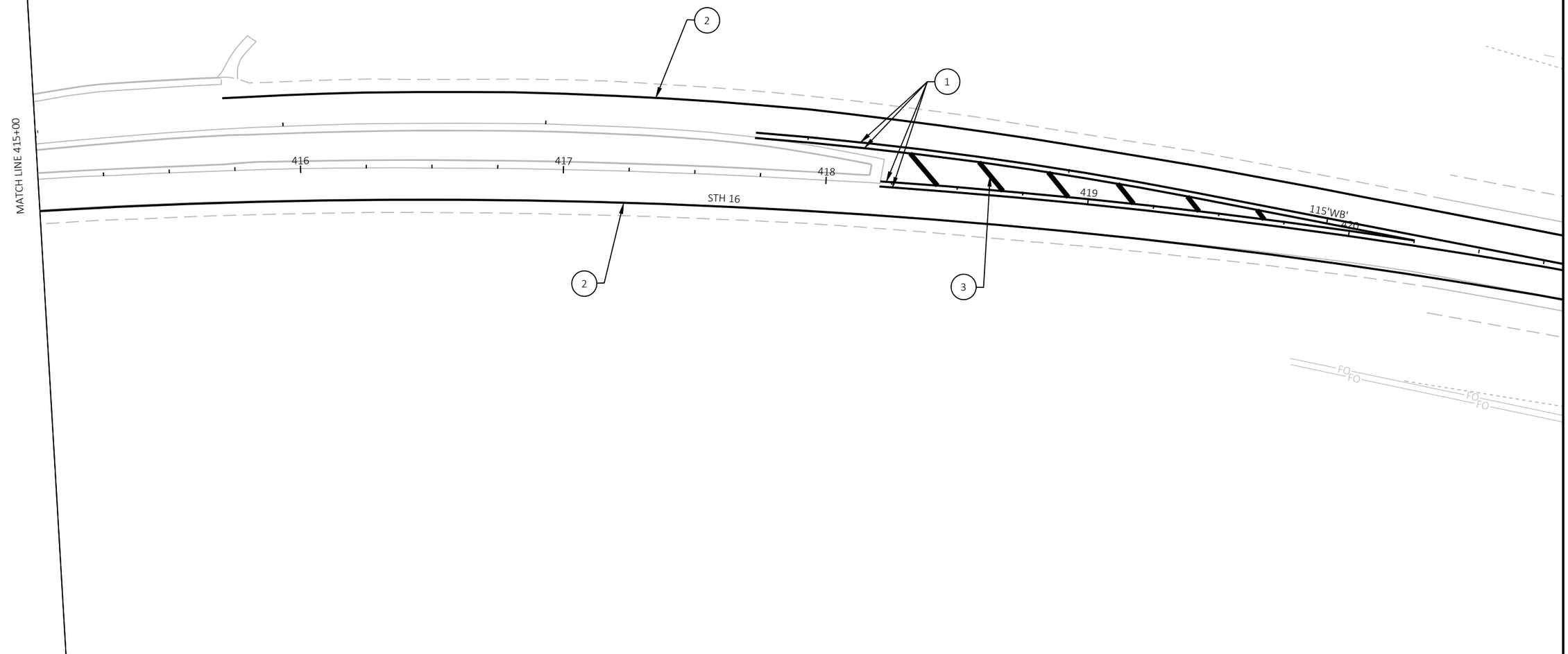
PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

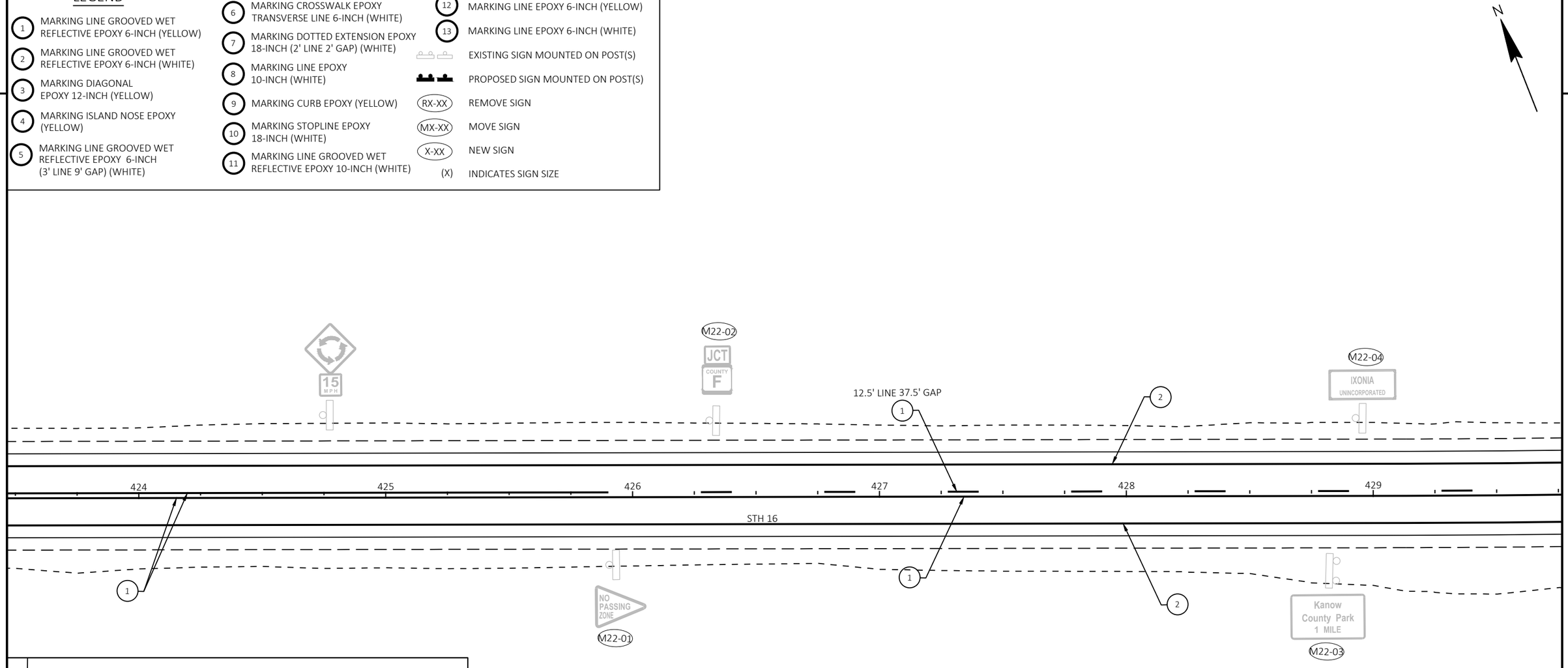
RX-XX REMOVE SIGN

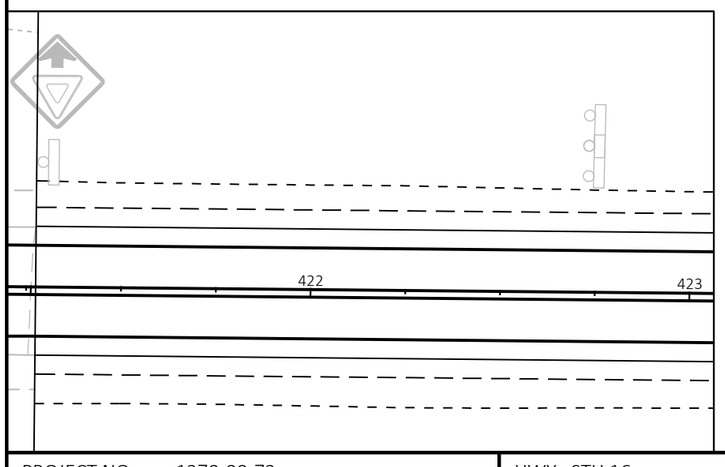
MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

2





PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 125	E

2

2

N

M23-03

WEIGHT LIMIT 8 TONS

M23-01

STOP

HWY 16

RIVER VALLEY RD

MOVED BY OTHERS

11+00

RIVER VALLEY RD

2

1

10

11

2

440

441

442

10+00

443

444

445

STH 16

STH 16

10

11

2

2

HWY 16

RIVER VALLEY RD

MOVED BY OTHERS

STOP

M23-04

OFF-ROADWAY OPERATION OF MOTOR VEHICLES PROHIBITED

M23-02

9+00

RIVER VALLEY RD

446

447

WAYSIDE 1/2 MILE

BOAT LANDING

HISTORICAL MARKER

M23-05

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING - RIVER VALLEY RD	SHEET 126	E

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

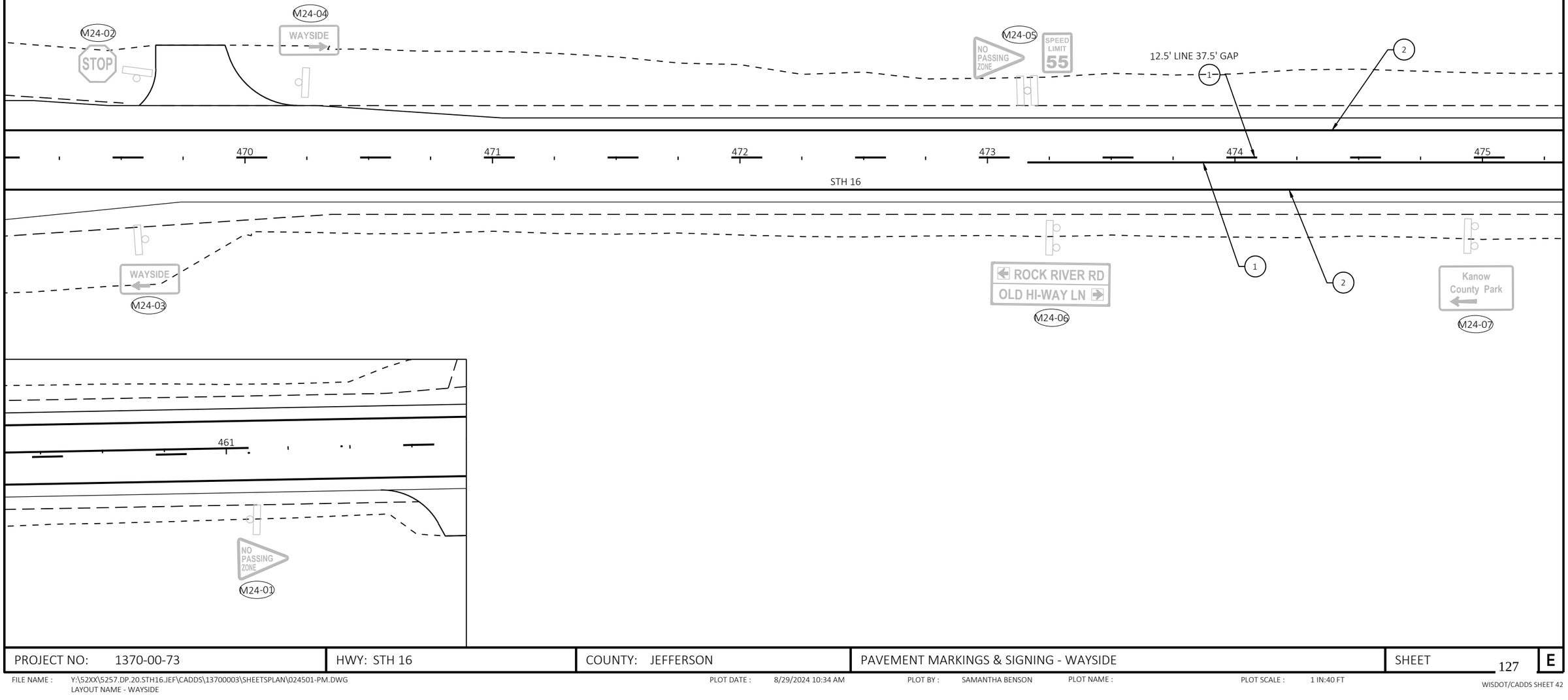
MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

N

2



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING - WAYSIDE	SHEET 127	E

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

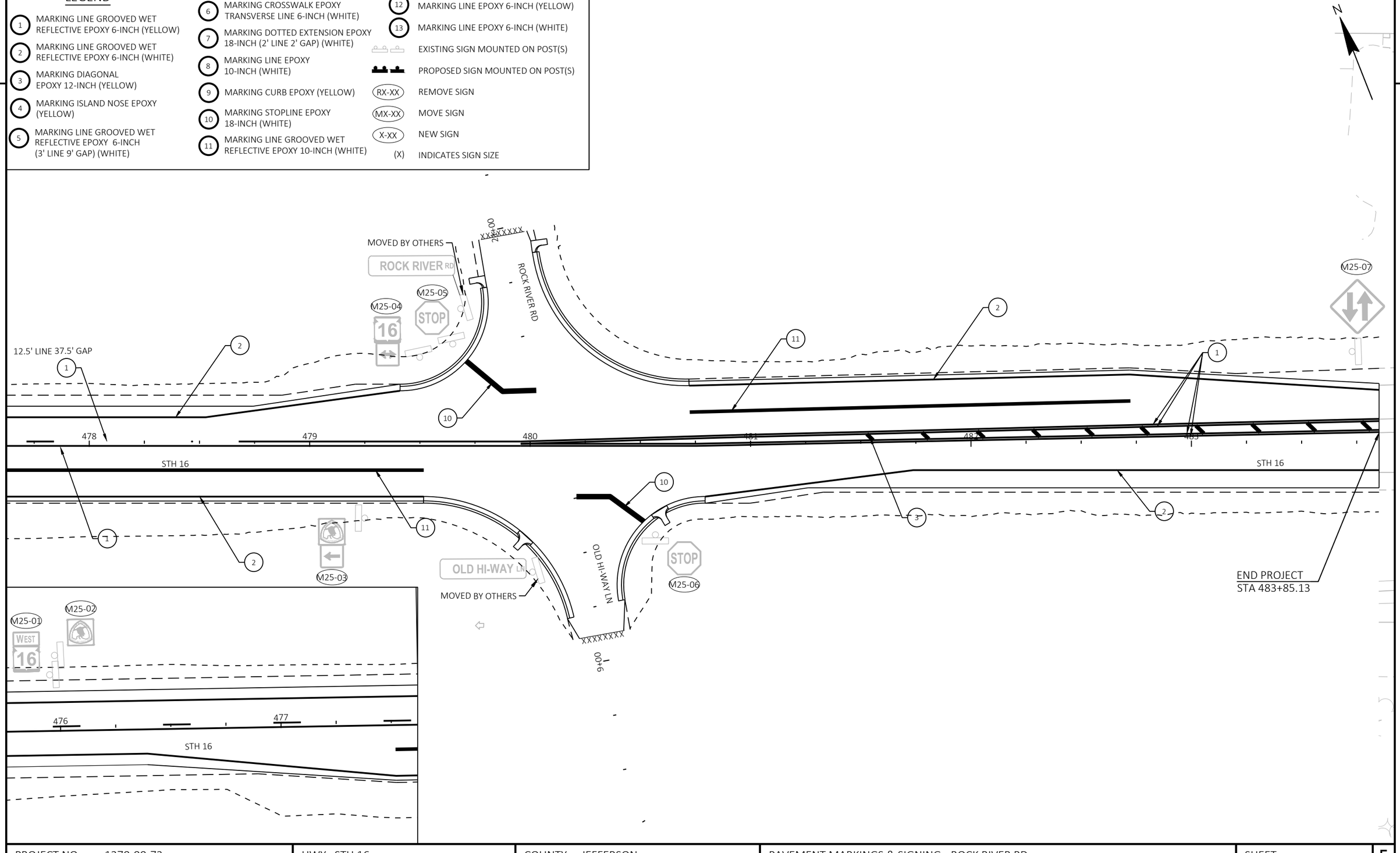
PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING - ROCK RIVER RD	SHEET 128	E

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

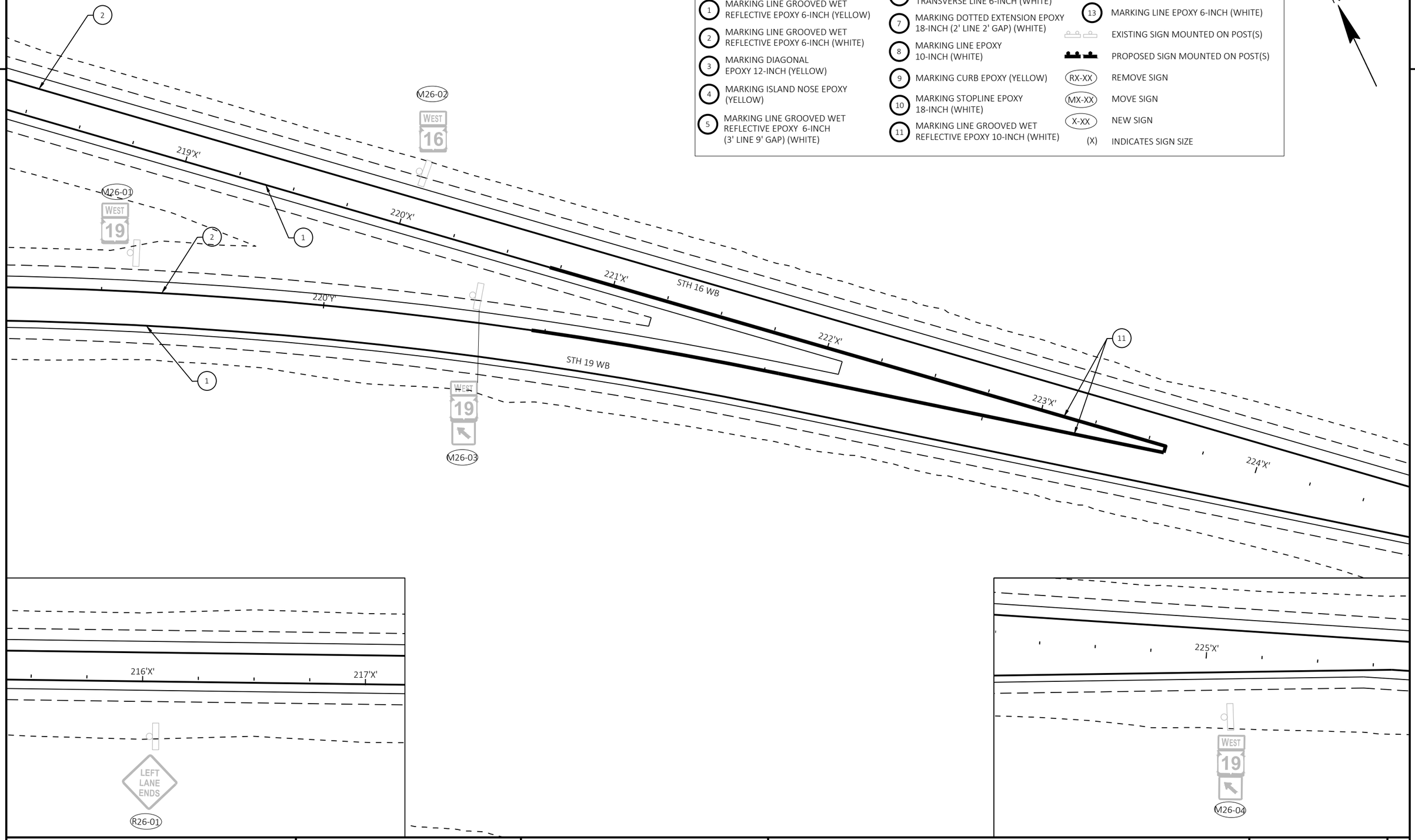
RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

N

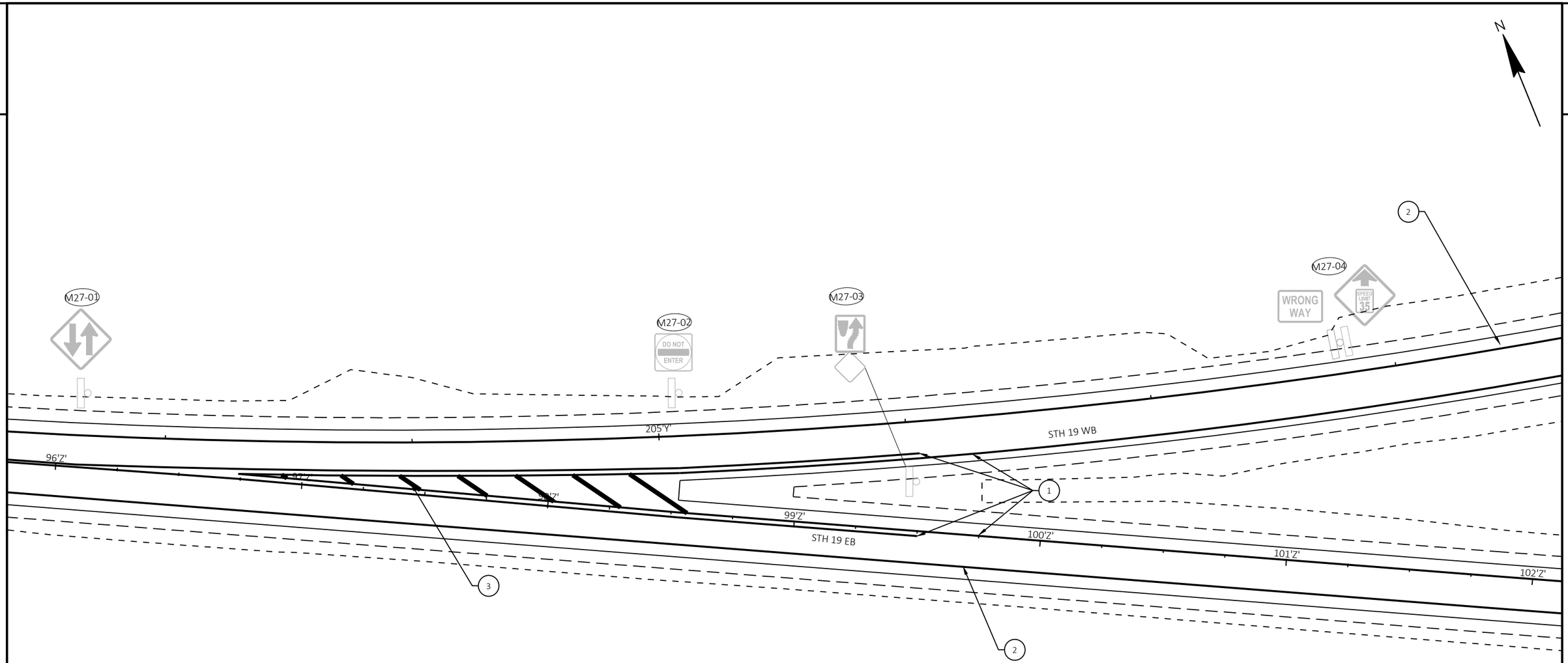


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 129 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - STH 16 19 WB

PLOT DATE : 8/29/2024 10:35 AM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : ##########

2



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 130	E

2

M28-01

210'Y'

STH 19 WB

108

N

R28-01

LEFT LANE ENDS

R28-02

103'Z'

104'Z'

105'Z'

106'Z'

107'Z'

108'Z'

STH 19 EB

JCT 16 END 19

M28-02

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
3. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
4. MARKING ISLAND NOSE EPOXY (YELLOW)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (3' LINE 9' GAP) (WHITE)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING DOTTED EXTENSION EPOXY 18-INCH (2' LINE 2' GAP) (WHITE)
8. MARKING LINE EPOXY 10-INCH (WHITE)
9. MARKING CURB EPOXY (YELLOW)
10. MARKING STOPLINE EPOXY 18-INCH (WHITE)
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
12. MARKING LINE EPOXY 6-INCH (YELLOW)
13. MARKING LINE EPOXY 6-INCH (WHITE)

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

RX-XX REMOVE SIGN

MX-XX MOVE SIGN

X-XX NEW SIGN

(X) INDICATES SIGN SIZE

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PAVEMENT MARKINGS & SIGNING	SHEET 131	E

TRAFFIC CONTROL SIGNS PCMS MESSAGES		
PCMS SIGN LOCATION	PHASE 1	PHASE 2
STH 16 EB 500 FT NORTH OF E MAIN ST INTERSECTION	ROAD TO CLOSE	(DATE)
STH 16 EB 500 FT EAST OF CTH F INTERSECTION	ROAD TO CLOSE	(DATE)
STH 16 WB 500 FT WEST OF CTH F INTERSECTION	ROAD TO CLOSE	(DATE)
STH 16 WB 800 FT EAST OF ROCK RIVER ROAD INTERSECTION	ROAD TO CLOSE	(DATE)

DODGE COUNTY

TOWN OF IXONIA

JEFFERSON COUNTY

TOWN OF WATERTOWN

CITY OF WATERTOWN

ROCK RIVER

N

BEGIN PROJECT
STA 86+14.27
BEGIN PAVEMENT REPLACEMENT

STA 403+93
END PAVEMENT REPLACEMENT
BEGIN MILL AND OVERLAY

END PROJECT
STA 483+85.13
END PAVEMENT REPLACEMENT

STA 421+27
END MILL AND OVERLAY
BEGIN PAVEMENT REPLACEMENT

STRUCTURE B-28-0022

STRUCTURE B-28-0012

STRUCTURE C-28-3015

DETAIL 1

E MAIN ST
GOPHER HILL RD
ANN RD
BEGGAN LN
HUSTISFORD RD
MAIN ST (CTH SC)
HIGHVIEW RD
NORTH RD
HAWTHORNE DR
HILLTOP RD
NORTH ST
RIVER VALLEY RD
ROCK RIVER RD
OLD HI-WAY LN
AMERICAN ST (CTH F)
E GATE DR
MARIETTA AVE
UNNAMED WATERWAY
CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC RAILROAD COMPANY

PCMS

LEGEND

(1) PLACE TRAFFIC CONTROL SIGNS PER SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" DETAIL 3

(2) PLACE TRAFFIC CONTROL SIGNS PER SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES"

PCMS TRAFFIC CONTROL SIGNS PCMS

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	TRAFFIC CONTROL	SHEET 132	E

2

2

N

OAK HILL RD

65

E MAIN ST

WATERTOWN CITY LIMITS

80

E MAIN ST

STH 16

STH 16 WB

100

ROAD CLOSED
R11-2
48"X30"

STH 19 WB

N SUMMIT AVE

STH 19 EB

120

E GATE DR

PRIVATE DRIVEWAY

ROAD CLOSED
R11-2
48"X30"

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

GOPHER HILL RD

140

STH 16

DONALD LN

LEGEND

TYPE III BARRICADE WITH/WITHOUT SIGN

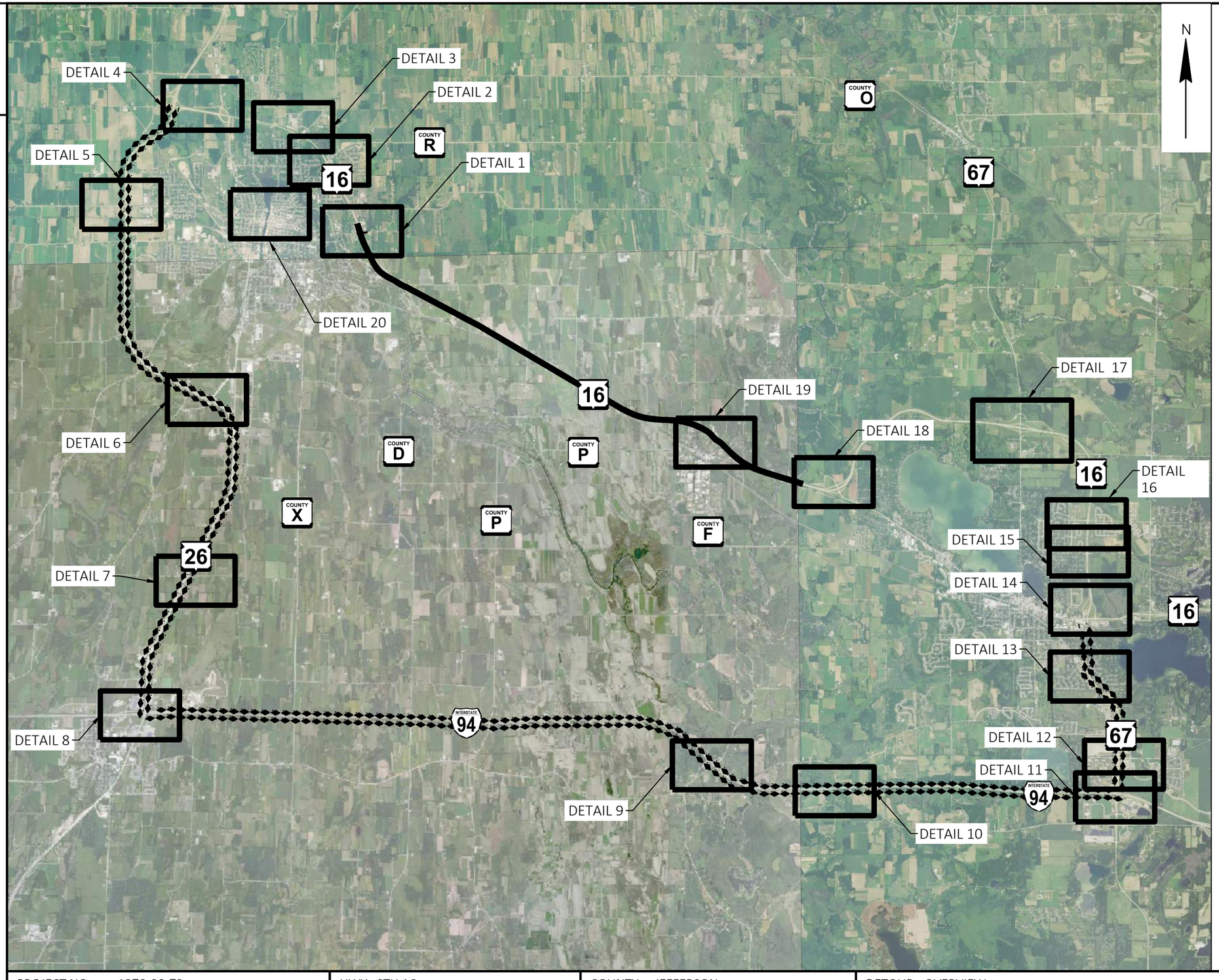
ROAD CLOSED
R11-2
48"X30"

TRAFFIC CONTROL SIGN

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	TRAFFIC CONTROL - DETAIL 1	SHEET 133	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\025100-TC.DWG
LAYOUT NAME - 025101-tc

PLOT DATE : 7/3/2024 1:43 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:500 FT



DETOUR GENERAL NOTES

THE EXACT LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITION AS APPROVED BY THE ENGINEER.

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE TRAFFIC CONTROL PLAN, INCLUDING PRE-EXISTING SIGNING IN THE VICINITY, SHALL BE COVERED OR REMOVED AS SPECIFIED IN THE PLAN AND/OR AS DIRECTED BY THE ENGINEER.

ALL "W" and "WO" SIGNS SHALL BE 48"X48" UNLESS OTHERWISE NOTED AND SHALL HAVE REFLECTIVE FLORESCENT DIAMOND GRADE SHEETING.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

ALL M3 SERIES SIGNS (NORTH, EAST, SOUTH, WEST) WHICH ARE PART OF ANY DETOUR ROUTE MARKER SIGNING ASSEMBLY OR ATTACHED TO ANY WARNING SIGN SHALL BE BLACK LETTERING ON A WHITE BACKGROUND.

ALL M05 AND M06 ARROW SIGNS SHALL BE THE SAME AS "M" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

SIGNS SHALL BE PLACED A MINIMUM OF 10 CALENDAR DAYS PRIOR TO CONSTRUCTION AND COVERED UNTIL NEEDED. COVERED SIGNS IS INCIDENTAL TO ITEM DETOUR SIGNS PAID AS COVERING SIGNS TYPE1/TYPE 2.

PCMS SHALL BE IN PLACE A MINIMUM OF 10 DAYS PRIOR TO CONSTRUCTION.

LEGEND

STH 16 DETOUR

PROJECT LIMITS

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - OVERVIEW	SHEET 134	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - DETOUR - OVERVIEW

PLOT DATE : 11/21/2024 2:36 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:1.5 MI

WISDOT/CADDS SHEET 42

2

N

ROAD CLOSED AHEAD
W20-3A

ROAD CLOSED 1000 FT
W20-3C

ROAD CLOSED 500 FT
W20-3D

FRONTAGE ROAD

STH 16

DETOUR
WEST
19
M4-8 24"X12"
M3-4 24"X12"
M1-6 24"X24"

DETOUR
WEST
19
M4-8 24"X12"
M3-4 24"X12"
M1-6 24"X24"
MO5-1R 21"X21"

DETOUR
WEST
19
M4-8 24"X12"
M3-4 24"X12"
M1-6 24"X24"
MO6-1 21"X21"

WEST
19
M3-4 24"X12"
M1-6 24"X24"

DETOUR AHEAD
W20-2A

E MAIN STREET

ROAD CLOSED
R11-2
48"X30"

KUCKKAN LANE

DREAMFIELD DRIVE

E MAIN STREET

STH 16

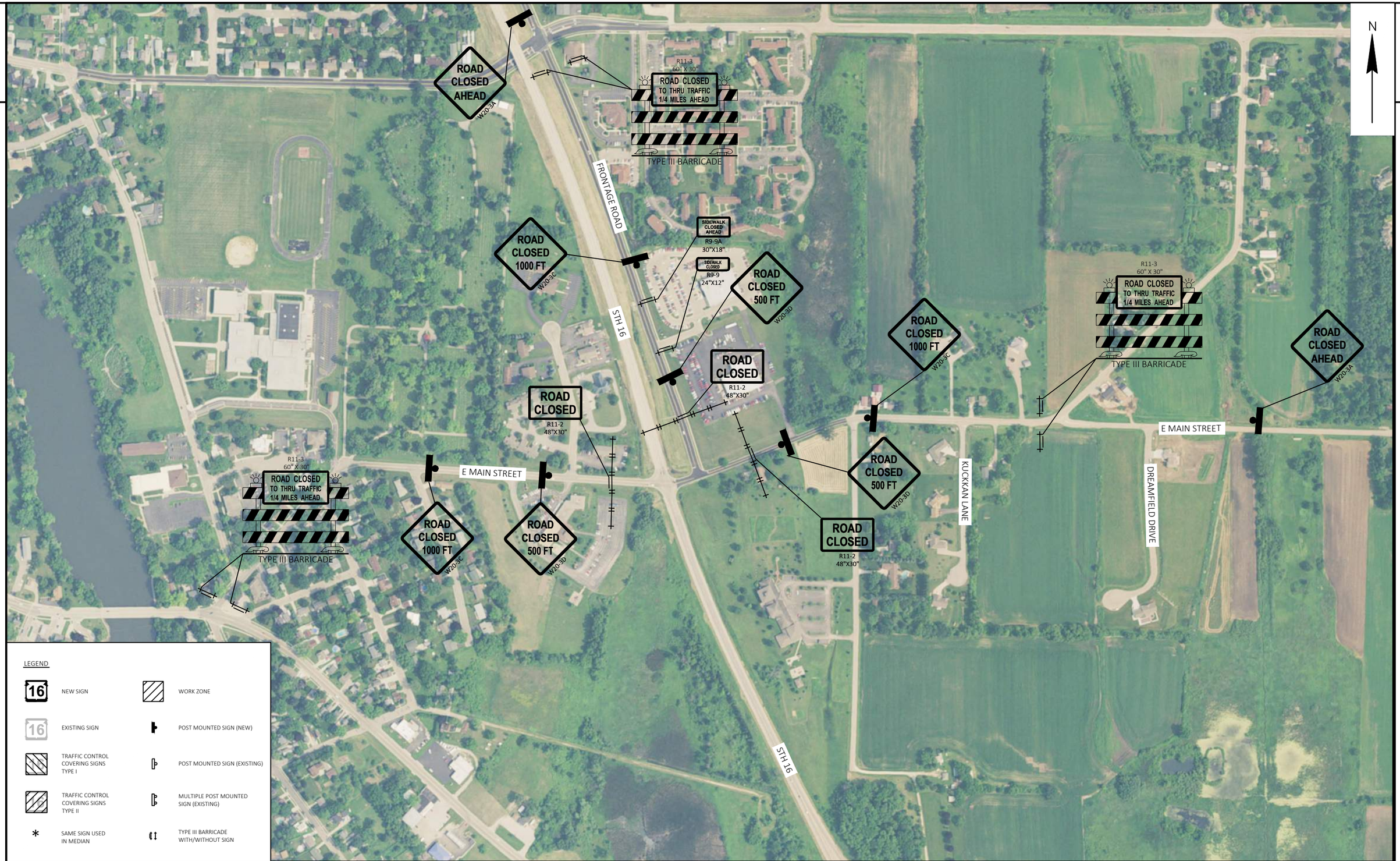
LEGEND

16 NEW SIGN	WORK ZONE
16 EXISTING SIGN	POST MOUNTED SIGN (NEW)
TRAFFIC CONTROL COVERING SIGNS TYPE I	POST MOUNTED SIGN (EXISTING)
TRAFFIC CONTROL COVERING SIGNS TYPE II	MULTIPLE POST MOUNTED SIGN (EXISTING)
* SAME SIGN USED IN MEDIAN	TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 1 STAGE 1	SHEET 135	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - Detour - Detail 1 Stage 1

PLOT DATE : 11/21/2024 2:36 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT



PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 1 STAGE 2	SHEET 136	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - Detour - Detail 1 Stage 2

PLOT DATE : 11/21/2024 2:36 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

WISDOT/CADDS SHEET 42

2

2

N

ROAD CLOSED 1000 FT
W20-3C

ROAD CLOSED 500 FT
W20-3D

ROAD CLOSED
R11-2
48"X30"

FRONTAGE ROAD

STH 16

E MAIN STREET

E MAIN STREET

KUCKKAN LANE

DREAMFIELD DRIVE

STH 16

LEGEND

16	NEW SIGN		WORK ZONE
16	EXISTING SIGN		POST MOUNTED SIGN (NEW)
	TRAFFIC CONTROL COVERING SIGNS TYPE I		POST MOUNTED SIGN (EXISTING)
	TRAFFIC CONTROL COVERING SIGNS TYPE II		MULTIPLE POST MOUNTED SIGN (EXISTING)
*	SAME SIGN USED IN MEDIAN		TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 1 STAGE 3	SHEET 137 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - Detour - Detail 1 Stage 3

PLOT DATE : 11/21/2024 2:36 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

WISDOT/CADDS SHEET 42

2

2

N

N 4TH STREET

STH 16

M3-2 24"X12" | EAST | WEST | M3-4 24"X12"
M1-6 24"X24" | 16 | 19 | M1-6 24"X24"

DETOUR AHEAD W20-2A

M4-8 24"X12" | DETOUR | DETOUR | M4-8 24"X12"
M3-2 24"X12" | EAST | WEST | M3-4 24"X12"
M1-6 24"X24" | 16 | 19 | M1-6 24"X24"

ROAD CLOSED AHEAD W20-3A

M4-8 24"X12" | DETOUR | DETOUR | M4-8 24"X12"
M3-2 24"X12" | EAST | WEST | M3-4 24"X12"
M1-6 24"X24" | 16 | 19 | M1-6 24"X24"
MO5-1R 21"X21" | MO5-1R 21"X21"

M4-8 24"X12" | DETOUR | DETOUR | M4-8 24"X12"
M3-2 24"X12" | EAST | WEST | M3-4 24"X12"
M1-6 24"X24" | 16 | 19 | M1-6 24"X24"
MO6-1 21"X21" | MO6-1 21"X21"

M4-8 24"X12" | DETOUR | EAST | 19 | NO THRU TRAFFIC
M3-2 24"X12"
M1-6 24"X24"
MO5-1R 21"X21" | R5-54 24"X30"

M4-8 24"X12" | DETOUR | EAST | 19 | NO THRU TRAFFIC
M3-2 24"X12"
M1-6 24"X24"
MO6-1 21"X21" | R5-54 24"X30"

R11-3 60" X 30"
ROAD CLOSED TO THRU TRAFFIC 1/2 MILES AHEAD
TYPE III BARRICADE

M4-8 24"X12" | DETOUR | DETOUR | M4-8 24"X12"
M3-2 24"X12" | EAST | WEST | M3-4 24"X12"
M1-6 24"X24" | 16 | 19 | M1-6 24"X24"
MO6-1 21"X21" | MO6-1 21"X21"

M4-8 24"X12" | DETOUR | DETOUR | M4-8 24"X12"
M3-2 24"X12" | EAST | WEST | M3-4 24"X12"
M1-6 24"X24" | 16 | 19 | M1-6 24"X24"
MO5-1L 21"X21" | MO5-1L 21"X21"

EAST | M3-2 24"X12"
16 | M1-6 24"X24"

DETOUR AHEAD W20-2A

LEGEND

16	NEW SIGN		WORK ZONE
16	EXISTING SIGN		POST MOUNTED SIGN (NEW)
	TRAFFIC CONTROL COVERING SIGNS TYPE I		POST MOUNTED SIGN (EXISTING)
	TRAFFIC CONTROL COVERING SIGNS TYPE II		MULTIPLE POST MOUNTED SIGN (EXISTING)
*	SAME SIGN USED IN MEDIAN		TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 2 STAGE 1	SHEET 138	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - Detour - Detail 2 Stage 1

PLOT DATE : 11/21/2024 2:37 PM | PLOT BY : JORDYN BENN | PLOT NAME : | PLOT SCALE : 1 IN:400 FT

2

2

N

ROAD CLOSED AHEAD
W20-3A

ROAD CLOSED 1000 FT
W20-3C

ROAD CLOSED 500 FT
W20-3D

ROAD CLOSED
R11-2
48"X30"

DETOUR AHEAD
W20-2A

EAST
16

DETOUR
EAST
16

M4-8 24"X12"
M3-2 24"X12"
M1-6 24"X24"
MO5-1R 21"X21"
MO6-1 21"X21"
MO5-1L 21"X21"

N 4TH STREET

STH 16

LEGEND

16 NEW SIGN	WORK ZONE
16 EXISTING SIGN	POST MOUNTED SIGN (NEW)
TRAFFIC CONTROL COVERING SIGNS TYPE I	POST MOUNTED SIGN (EXISTING)
TRAFFIC CONTROL COVERING SIGNS TYPE II	MULTIPLE POST MOUNTED SIGN (EXISTING)
* SAME SIGN USED IN MEDIAN	TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 2 STAGE 2	SHEET 139	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - Detour - Detail 2 Stage 2

PLOT DATE : 11/21/2024 2:37 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

WISDOT/CADDS SHEET 42

2

2

N

DETOUR
EAST
16
M4-8
24"X12"
M3-2
24"X12"
M1-6
24"X24"

DETOUR
AHEAD
W20-2A

EAST
16
M3-2
24"X12"
M1-6
24"X24"

DETOUR
EAST
16
M4-8
24"X12"
M3-2
24"X12"
M1-6
24"X24"
MO5-1R
21"X21"

DETOUR
EAST
16
M4-8
24"X12"
M3-2
24"X12"
M1-6
24"X24"
MO6-1
21"X21"

ROAD
CLOSED
AHEAD
W20-3A

R11-3
60" X 30"
ROAD CLOSED
TO THRU TRAFFIC
1/2 MILES AHEAD

TYPE III BARRICADE

DETOUR
EAST
16
M4-8
24"X12"
M3-2
24"X12"
M1-6
24"X24"
MO6-1
21"X21"

DETOUR
EAST
16
M4-8
24"X12"
M3-2
24"X12"
M1-6
24"X24"
MO5-1L
21"X21"

EAST
16
M3-2
24"X12"
M1-6
24"X24"

DETOUR
AHEAD
W20-2A

N 4TH STREET

N 4TH STREET

STH 16

LEGEND

16	NEW SIGN		WORK ZONE
16	EXISTING SIGN		POST MOUNTED SIGN (NEW)
	TRAFFIC CONTROL COVERING SIGNS TYPE I		POST MOUNTED SIGN (EXISTING)
	TRAFFIC CONTROL COVERING SIGNS TYPE II		MULTIPLE POST MOUNTED SIGN (EXISTING)
*	SAME SIGN USED IN MEDIAN		TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 2 STAGE 3	SHEET 140	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - Detour - Detail 2 Stage 3

PLOT DATE : 11/21/2024 2:37 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

WISDOT/CADDS SHEET 42

2

2

N

SECOND STREET ROAD

RHINE ROAD

RHINE ROAD

BOULDER ROAD

STH 16

SECOND STREET ROAD

BOULDER ROAD

M4-8 24"X12"
M3-2 24"X12"
M1-6 24"X24"
DETOUR EAST
DETOUR WEST
16
19
M4-8 24"X12"
M3-4 24"X12"
M1-6 24"X24"

M4-8 24"X12"
M3-2 24"X12"
M1-6 24"X24"
DETOUR EAST
19
NO THRU TRAFFIC
R5-54 24"X30"

LEGEND

- NEW SIGN
- EXISTING SIGN
- TRAFFIC CONTROL COVERING SIGNS TYPE I
- TRAFFIC CONTROL COVERING SIGNS TYPE II
- * SAME SIGN USED IN MEDIAN
- WORK ZONE
- POST MOUNTED SIGN (NEW)
- POST MOUNTED SIGN (EXISTING)
- MULTIPLE POST MOUNTED SIGN (EXISTING)
- TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 3	SHEET 141	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - Detour - Detail 3

PLOT DATE : 11/21/2024 2:37 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

2

N

STH 26

STH 16

CTH L

ZIEMER DRIVE

PROVIMI ROAD

BUS 26/CTH L

EXIT 45

EAST 16 BUS 26

WATERTOWN

OCONOMOWOC

1 MILE

DETOUR AHEAD W20-2A

DETOUR NEXT 29 MILES G20-51 60"X24"

END DETOUR WEST 16 M4-8A 30"X24" M3-4 36"X18" M1-6 36"X36"

NO THRU TRAFFIC R5-54 24"X30"

MO5-2R 30"X30"

MO6-2 21"X21" EAST 16 WEST 16 TO 26

ROAD CLOSED TO THRU TRAFFIC 10 MILES AHEAD R11-3 60" X 30"

TYPE III BARRICADE

WEST TO 16 26

EAST BUS 16 26 L PROVIMI RD DEAD END

BUS 26 L EAST 16

WEST BUS 16 26 L EAST 16

BUSINESS NORTH COUNTY 26 L

COLUMBUS OSHKOSH

LEGEND

16 NEW SIGN	WORK ZONE
16 EXISTING SIGN	POST MOUNTED SIGN (NEW)
TRAFFIC CONTROL COVERING SIGNS TYPE I	POST MOUNTED SIGN (EXISTING)
TRAFFIC CONTROL COVERING SIGNS TYPE II	MULTIPLE POST MOUNTED SIGN (EXISTING)
* SAME SIGN USED IN MEDIAN	TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 4	SHEET 142	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027002-DT.DWG
LAYOUT NAME - Detour - Detail 4

PLOT DATE : 11/21/2024 2:37 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

2

2

N

STH 26

STH 19

STH 19

M4-8 36"X18"
M3-2 36"X18"
M1-6 36"X36"
MO6-1 30"X30"
DETOUR
EAST
16
19
END DETOUR
M4-8A 24"X18"
M3-4 36"X18"
M1-6 36"x36"

M4-8 36"X18"
M3-4 36"X18"
M1-6 36"x36"
DETOUR
DETOUR
WEST
EAST
16
19
M3-2 36"X18"
M1-6 36"x36"

SOUTH
26
EAST
19
WEST
19

M4-8 24"X12"
M3-2 24"X12"
M1-6 24"X24"
MO6-2 21"X21"
DETOUR
EAST
19
NO THRU TRAFFIC
R5-54 24"X30"

M3-2 24"X12"
M1-6 24"X24"
EAST
16
19
DETOUR AHEAD
W20-2A

M4-8 24"X12"
M3-2 24"X12"
M1-6 24"X24"
MO5-1R 21"X21"
DETOUR
EAST
16

M4-8 24"X12"
M3-2 24"X12"
M1-6 24"X24"
MO5-1L 21"X21"
DETOUR
EAST
19
NO THRU TRAFFIC
R5-54 24"X30"

NORTH
26
EAST
19

M4-8 36"X18"
M3-2 36"X18"
M1-6 36"X36"
DETOUR
EAST
16

SOUTH
26
WEST
19
EAST
19

M4-8 36"X18"
M3-4 36"X18"
M1-6 24"X24"
MO6-1 30"X30"
DETOUR
WEST
16
END DETOUR
WEST
19
M4-8A 24"X18"
M3-4 36"X18"
M1-6 36"x36"

LEGEND

16	NEW SIGN		WORK ZONE
16	EXISTING SIGN		POST MOUNTED SIGN (NEW)
	TRAFFIC CONTROL COVERING SIGNS TYPE I		POST MOUNTED SIGN (EXISTING)
	TRAFFIC CONTROL COVERING SIGNS TYPE II		MULTIPLE POST MOUNTED SIGN (EXISTING)
*	SAME SIGN USED IN MEDIAN		TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 5	SHEET 143	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027002-DT.DWG
LAYOUT NAME - Detour - Detail 5

PLOT DATE : 11/21/2024 2:38 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

2

2

N

M4-8 36"X18" / M3-4 36"X18" / M1-6 36"X36" — DETOUR WEST 16 19

M4-8 36"X18" / M3-2 36"X18" / M1-6 36"X36" / MO6-1 30"X30" — DETOUR EAST 16

M4-8 24"X12" / M3-2 24"X12" / M1-6 24"X24" / MO6-2 21"X21" — DETOUR EAST 16

M3-2 24"X12" / M1-6 24"X24" — EAST 16 — DETOUR AHEAD W20-2A

M4-8 24"X12" / M3-2 24"X12" / M1-6 24"X24" / MO5-1R 21"X21" — DETOUR EAST 16

M4-8 36"X18" / M3-4 36"X18" / M1-6 36"X36" / MO6-1 30"X30" — DETOUR WEST 16 19

M4-8 36"X18" / M3-2 36"X18" / M1-6 36"X36" — DETOUR EAST 16

JEFFERSON ROAD

STH 26

CTH Y

HIGHLAND ROAD

GATEWAY DRIVE

HIGH ROAD

LEGEND

- NEW SIGN
- EXISTING SIGN
- TRAFFIC CONTROL COVERING SIGNS TYPE I
- TRAFFIC CONTROL COVERING SIGNS TYPE II
- * SAME SIGN USED IN MEDIAN
- WORK ZONE
- POST MOUNTED SIGN (NEW)
- POST MOUNTED SIGN (EXISTING)
- MULTIPLE POST MOUNTED SIGN (EXISTING)
- TYPE III BARRICADE WITH/WITHOUT SIGN

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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 6	SHEET 144	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027002-DT.DWG
LAYOUT NAME - Detour - Detail 6

PLOT DATE : 11/21/2024 2:38 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

2

2

N

M4-8
36"X18"
M3-2
36"X18"
M1-6
36"X36"
M06-1
30"X30"
DETOUR
EAST
16

M4-8
36"X18"
M3-4
36"X18"
M1-6
36"X36"
DETOUR
WEST
16
DETOUR
WEST
19
M4-8
36"X18"
M3-4
36"X18"
M1-6
36"X36"

STH 26

EMERALD DR

EMERALD DR

M4-8
36"X18"
M3-2
36"X18"
M1-6
36"X36"
DETOUR
EAST
16

M4-8
36"X18"
M3-4
36"X18"
M1-6
36"X36"
DETOUR
WEST
16
DETOUR
WEST
19
M4-8
36"X18"
M3-4
36"X18"
M1-6
36"X36"
M06-1
30"X30"
M06-1
30"X30"

STH 26

LEGEND

16	NEW SIGN		WORK ZONE
16	EXISTING SIGN		POST MOUNTED SIGN (NEW)
	TRAFFIC CONTROL COVERING SIGNS TYPE I		POST MOUNTED SIGN (EXISTING)
	TRAFFIC CONTROL COVERING SIGNS TYPE II		MULTIPLE POST MOUNTED SIGN (EXISTING)
*	SAME SIGN USED IN MEDIAN		TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 7	SHEET 145 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027002-DT.DWG
LAYOUT NAME - Detour - Detail 7

PLOT DATE : 11/21/2024 2:38 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

WISDOT/CADDS SHEET 42

2

N

2

PLACE SIGNS NEXT TO OVERHEAD SIGN STRUCTURE S-28-006

PLACE SIGNS NEXT TO OVERHEAD SIGN STRUCTURE S-28-005

OLD 26 ROAD

STH 26

IH-94

LEGEND

- NEW SIGN
- EXISTING SIGN
- TRAFFIC CONTROL COVERING SIGNS TYPE I
- TRAFFIC CONTROL COVERING SIGNS TYPE II
- * SAME SIGN USED IN MEDIAN
- WORK ZONE
- POST MOUNTED SIGN (NEW)
- POST MOUNTED SIGN (EXISTING)
- MULTIPLE POST MOUNTED SIGN (EXISTING)
- TYPE III BARRICADE WITH/WITHOUT SIGN

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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 8	SHEET 146	E

2

2

N

M4-8 36"X18" / M3-4 36"X18" / M1-6 36"X36" — DETOUR WEST / DETOUR WEST — 16 19

M4-8 36"X18" / M3-4 36"X18" / M1-6 36"X36"

M4-8 36"X18" / M3-2 36"X18" / M1-6 36"X36" / MO6-1 30"X30" — DETOUR EAST — 16

M4-8 24"X12" / M3-4 24"X12" / M1-6 24"X24" / MO6-1 21"X21" — DETOUR WEST / DETOUR WEST — 16 19

M4-8 24"X12" / M3-4 24"X12" / M1-6 24"X24" / MO5-1L 21"X21" — DETOUR WEST / DETOUR WEST / DETOUR EAST — 16 19 16

M1-6 24"X24" / M1-6 24"X24" — 16 19 — DETOUR AHEAD W20-2A

M4-8 36"X18" / M3-4 36"X18" / M1-6 36"X36" / MO6-1 30"X30" — DETOUR WEST / DETOUR WEST — 16 19

M4-8 36"X18" / M3-2 36"X18" / M1-6 36"X36" — DETOUR EAST — 16

IH-94

COUNTY SHOP ROAD

CTH F

CTH F

CTH B

LEGEND

- NEW SIGN
- EXISTING SIGN
- TRAFFIC CONTROL COVERING SIGNS TYPE I
- TRAFFIC CONTROL COVERING SIGNS TYPE II
- SAME SIGN USED IN MEDIAN
- WORK ZONE
- POST MOUNTED SIGN (NEW)
- POST MOUNTED SIGN (EXISTING)
- MULTIPLE POST MOUNTED SIGN (EXISTING)
- TYPE III BARRICADE WITH/WITHOUT SIGN

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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 9	SHEET 147	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027002-DT.DWG
LAYOUT NAME - Detour - Detail 9

PLOT DATE : 11/21/2024 2:38 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

2

2

N

IH-94

WILLOW GLEN ROAD

WILLOW GLEN ROAD

CONCORD CENTER DRIVE

DELAFIELD ROAD

M4-8
36"X18"
M3-2
36"X18"
M1-6
36"X36"
DETOUR
EAST
16

MO6-1
30"X30"

M4-8
36"X18"
M3-2
36"X18"
M1-6
36"X36"
DETOUR
EAST
16

LEGEND

16	NEW SIGN		WORK ZONE
16	EXISTING SIGN		POST MOUNTED SIGN (NEW)
	TRAFFIC CONTROL COVERING SIGNS TYPE I		POST MOUNTED SIGN (EXISTING)
	TRAFFIC CONTROL COVERING SIGNS TYPE II		MULTIPLE POST MOUNTED SIGN (EXISTING)
*	SAME SIGN USED IN MEDIAN		TYPE III BARRICADE WITH/WITHOUT SIGN

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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 10	SHEET 148	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027002-DT.DWG
LAYOUT NAME - Detour - Detail 10

PLOT DATE : 11/21/2024 2:38 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

2

2

N

STH 67 (SUMMIT AVENUE)

IH-94

STH 67 (SUMMIT AVENUE)

M4-8 36"X18" / M3-4 36"X18" / M1-6 36"X36" / MO5-1R 30"X30" — DETOUR WEST 16 | DETOUR WEST 19

M4-8 36"X18" / M3-4 36"X18" / M1-6 36"X36" / MO6-1 30"X30" — DETOUR WEST 16 | DETOUR WEST 19

M4-8 36"X18" / M3-2 36"X18" / M1-6 36"X36" / MO5-2R 30"X30" — DETOUR EAST 16

M4-8 36"X18" / M3-2 36"X18" / M1-6 36"X36" / MO6-2 30"X30" — DETOUR EAST 16

M4-8 24"X12" / M3-2 24"X12" / M1-6 24"X24" / MO5-1L 21"X21" — DETOUR EAST 16

M4-8 24"X12" / M3-4 36"X18" / M4-8 24"X12" / M3-2 24"X12" / M1-6 24"X24" / MO5-1L 21"X21" — DETOUR WEST 16 | DETOUR WEST 19 | DETOUR EAST 16

M1-6 36"X36" — 16 | 19 — DETOUR AHEAD — W20-2A

LEGEND

16 NEW SIGN	WORK ZONE
16 EXISTING SIGN	POST MOUNTED SIGN (NEW)
TRAFFIC CONTROL COVERING SIGNS TYPE I	POST MOUNTED SIGN (EXISTING)
TRAFFIC CONTROL COVERING SIGNS TYPE II	MULTIPLE POST MOUNTED SIGN (EXISTING)
* SAME SIGN USED IN MEDIAN	TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 11	SHEET 149	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027002-DT.DWG
LAYOUT NAME - Detour - Detail 11

PLOT DATE : 11/21/2024 2:38 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

2

2

N

STH 67

VALLEY ROAD

OCONOMOWOC DRIVE

STH 67

M4-8
36"X18"
M3-2
36"X18"
M1-6
30"X30"

DETOUR
EAST
16

M4-8
36"X18"
M3-4
36"X18"
M1-6
30"X30"

DETOUR
WEST
16

DETOUR
WEST
19

M4-8
36"X18"
M3-4
36"X18"
M1-6
30"X30"

LEGEND

16 NEW SIGN	WORK ZONE
16 EXISTING SIGN	POST MOUNTED SIGN (NEW)
TRAFFIC CONTROL COVERING SIGNS TYPE I	POST MOUNTED SIGN (EXISTING)
TRAFFIC CONTROL COVERING SIGNS TYPE II	MULTIPLE POST MOUNTED SIGN (EXISTING)
* SAME SIGN USED IN MEDIAN	TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 12	SHEET 150 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027002-DT.DWG
LAYOUT NAME - Detour - Detail 12

PLOT DATE : 11/21/2024 2:38 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

WISDOT/CADDS SHEET 42

2

N

STH 67

M4-8 24"X12" M3-4 24"X12" DETOUR WEST 16 19 M1-6 24"X24" MO6-1 21"X21"

M4-8 24"X12" M3-4 24"X12" DETOUR WEST 16 19 M1-6 24"X24" MO5-2L 21"X21"

M4-8 24"X12" M3-2 24"X12" DETOUR EAST 16 M1-6 24"X24"

M4-8 24"X12" M3-4 24"X12" DETOUR WEST 16 19 M1-6 24"X24" MO6-1 21"X21"

M4-8 24"X12" M3-2 24"X12" DETOUR EAST 16 M1-6 24"X24" MO6-2 21"X21"

M4-8 24"X12" M3-4 24"X12" DETOUR WEST 16 19 M1-6 24"X24"

LEXINGTON DRIVE

LEXINGTON DRIVE

M4-8 24"X12" M3-2 24"X12" DETOUR EAST 16 M1-6 24"X24" MO5-2R 21"X21"

STH 67

LEGEND

- 16 NEW SIGN
- 16 EXISTING SIGN
- TRAFFIC CONTROL COVERING SIGNS TYPE I
- TRAFFIC CONTROL COVERING SIGNS TYPE II
- * SAME SIGN USED IN MEDIAN
- WORK ZONE
- POST MOUNTED SIGN (NEW)
- POST MOUNTED SIGN (EXISTING)
- MULTIPLE POST MOUNTED SIGN (EXISTING)
- TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 13	SHEET 151	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027002-DT.DWG
LAYOUT NAME - Detour - Detail 13

PLOT DATE : 11/21/2024 2:39 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

2

2

N

M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" MO6-1 21"X21" — DETOUR WEST 16 19

M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" MO6-1 21"X21" — DETOUR WEST 16 19

M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" MO6-1 21"X21" — DETOUR WEST NORTH 16 67 19

* M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" MO6-1 21"X21" — DETOUR SOUTH WEST NORTH 67 16 67 19

M3-4 24"X12" M1-6 24"X24" — WEST WEST 16 19 — DETOUR AHEAD W20-2A

M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" MO6-2 21"X21" — DETOUR WEST 16 19

NORTH TO 67 16

STH 67

STH 16

M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" MO5-1L 21"X21" — DETOUR WEST 16 19

M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" MO6-1 21"X21" — DETOUR WEST 16 19

WEST NORTH EAST 16 67 16

WEST NORTH 16 67

M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" MO5-2R 21"X21" — DETOUR WEST 16 19

M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" G20-51 60"X24" — DETOUR WEST 16 19 — DETOUR NEXT 29 MILES

M4-8A 24"X18" — END DETOUR TO 16

ALTERNATE EAST 94

* WEST WEST 16 19 — DETOUR AHEAD W20-2A

LEGEND

- 16 — NEW SIGN
- 16 — EXISTING SIGN
- TRAFFIC CONTROL COVERING SIGNS TYPE I
- TRAFFIC CONTROL COVERING SIGNS TYPE II
- * — SAME SIGN USED IN MEDIAN
- WORK ZONE
- POST MOUNTED SIGN (NEW)
- POST MOUNTED SIGN (EXISTING)
- MULTIPLE POST MOUNTED SIGN (EXISTING)
- TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 14	SHEET 152	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027002-DT.DWG
LAYOUT NAME - Detour - Detail 14

PLOT DATE : 11/21/2024 2:39 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

WISDOT/CADDS SHEET 42

2

2

N

STH 67/STH 16

E LISBON RD

E LISBON RD

STH 67/STH 16

M4-8 24"X12"
M3-4 24"X12"
M1-6 24"X24"
M06-1 21"X21"
DETOUR
WEST
19
EAST SOUTH NORTH WEST
16 67 67 16

M3-4 24"X12"
M1-6 24"X24"
WEST WEST
16 19
DETOUR AHEAD
W20-2A

M3-4 24"X12"
M1-6 24"X24"
WEST WEST
16 19

M4-8 36"X18"
M3-4 36"X18"
M1-6 36"X36"
DETOUR DETOUR
WEST WEST
16 19

M4-8 24"X12"
DETOUR
WEST NORTH EAST SOUTH
16 67 16 67

M4-8 24"X12"
M3-4 24"X12"
M1-6 24"X24"
M06-1 21"X21"
DETOUR
WEST
19

LEGEND

- NEW SIGN
- EXISTING SIGN
- TRAFFIC CONTROL COVERING SIGNS TYPE I
- TRAFFIC CONTROL COVERING SIGNS TYPE II
- SAME SIGN USED IN MEDIAN
- WORK ZONE
- POST MOUNTED SIGN (NEW)
- POST MOUNTED SIGN (EXISTING)
- MULTIPLE POST MOUNTED SIGN (EXISTING)
- TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 15	SHEET 153	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027002-DT.DWG
LAYOUT NAME - Detour - Detail 15

PLOT DATE : 11/21/2024 2:39 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

2

2

N

STH 67/STH 16

CTH Z/LAKE DR

CTH Z/LAKE DR

STH 67/STH 16

M4-8 24"X12"
M3-4 24"X12"
M1-6 24"X24"
M06-1 21"X21"
DETOUR
WEST
19
EAST SOUTH NORTH WEST
16 67 67 16
M4-8 24"X12"
M3-4 24"X12"
M1-6 24"X24"
M06-1 21"X21"
WEST WEST
16 19
M3-4 24"X12"
M1-6 24"X24"
DETOUR AHEAD
W20-2A
M3-4 24"X12"
M1-6 24"X24"
WEST WEST
16 19
M4-8 36"X18"
M3-4 36"X18"
M1-6 36"X36"
DETOUR DETOUR
WEST WEST
16 19
M4-8 36"X18"
M3-4 36"X18"
M1-6 36"X36"
DETOUR AHEAD
W20-2A
DETOUR
WEST NORTH EAST SOUTH
16 67 16 67
M4-8 24"X12"
M3-4 24"X12"
M1-6 24"X24"
M06-1 21"X21"
DETOUR
WEST
19
M4-8 24"X12"
M3-4 24"X12"
M1-6 24"X24"
M06-1 21"X21"

LEGEND

- 16 — NEW SIGN
- 16 — EXISTING SIGN
- TRAFFIC CONTROL COVERING SIGNS TYPE I
- TRAFFIC CONTROL COVERING SIGNS TYPE II
- * — SAME SIGN USED IN MEDIAN
- WORK ZONE
- POST MOUNTED SIGN (NEW)
- POST MOUNTED SIGN (EXISTING)
- MULTIPLE POST MOUNTED SIGN (EXISTING)
- TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 16	SHEET 154	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027002-DT.DWG
LAYOUT NAME - Detour - Detail 16

PLOT DATE : 11/21/2024 2:39 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

2

2

N

STH 16

SKI SLIDE ROAD

OOSTY AVENUE

HILLENDALE DRIVE

MADISON AVENUE

STH 16 (WISCONSIN AVENUE)

M4-8 36"X18" / M3-4 36"X18" / M1-6 36"X36" / MO6-2 30"X30"

M4-8 36"X18" / M3-4 36"X18" / M1-6 36"X36" / MO5-2R 30"X30"

*

R11-4 60" X 30"

ROAD CLOSED TO THRU TRAFFIC

TYPE III BARRICADE

M4-8 24"X12" / M3-4 24"X12" / M1-6 24"X24" / MO5-1L 21"X21"

M4-8 24"X12" / M3-4 24"X12" / M1-6 24"X24" / MO6-1 21"X21"

ROAD CLOSED TO THRU TRAFFIC

R11-4 60"X30"

WEST 16 LEFT

WEST 16 USE LEFT LANE

M4-8 24"X12" / M3-4 24"X12" / M1-6 24"X24" / MO5-1L 21"X21"

M4-8 24"X12" / M3-4 24"X12" / M1-6 24"X24" / MO6-1 21"X21"

WATERTOWN

WATERTOWN PEWAUKEE

M4-8 24"X12" / DETOUR / WEST EAST / 16 16 / MO5-1R 21"X21"

M4-8 24"X12" / M3-4 24"X12" / M1-6 24"X24" / MO5-1R 21"X21"

M4-8 24"X12" / M3-4 24"X12" / M1-6 24"X24" / MO5-1R 21"X21"

M3-4 24"X12" / M1-6 24"X24" / M3-4 24"X12" / M1-6 24"X24"

DETOUR AHEAD W20-2A

LEGEND

NEW SIGN	WORK ZONE
EXISTING SIGN	POST MOUNTED SIGN (NEW)
TRAFFIC CONTROL COVERING SIGNS TYPE I	POST MOUNTED SIGN (EXISTING)
TRAFFIC CONTROL COVERING SIGNS TYPE II	MULTIPLE POST MOUNTED SIGN (EXISTING)
* SAME SIGN USED IN MEDIAN	TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 18	SHEET 155	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027002-DT.DWG
LAYOUT NAME - Detour - Detail 18

PLOT DATE : 11/21/2024 2:39 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:400 FT

WISDOT/CADDS SHEET 42

2

2

N

STH 67

STH 16

LANG ROAD

CTH K

M3-4 24"X12" | WEST | WEST | M3-4 24"X12"
M1-6 24"X24" | 16 | 19 | M1-6 24"X24"
DETOUR AHEAD
W20-2A

M4-8 24"X12" | DETOUR | DETOUR | M4-8 24"X12"
WEST | WEST | M3-4 24"X12"
16 | 19 | M1-6 24"X24"
MO6-1 21"X21" | MO6-1 21"X21"

M4-8 24"X12" | DETOUR | DETOUR | M4-8 24"X12"
EAST | SOUTH | WEST | M3-4 24"X12"
16 | 67 | 16 | 19 | M1-6 24"X24"
MO6-1 21"X21" | MO6-1 21"X21"

WEST 16

WEST 16

M4-8 36"X18" | DETOUR | DETOUR | M4-8 36"X18"
M3-4 36"X18" | WEST | WEST | M3-4 36"X18"
M1-6 36"X36" | 16 | 19 | M1-6 36"X36"
MO6-1 30"X30" | MO6-1 30"X30"

M4-8 24"X12" | DETOUR | DETOUR | M4-8 24"X12"
M3-4 24"X12" | WEST | WEST | M3-4 24"X12"
M1-6 24"X24" | 16 | 19 | M1-6 24"X24"
MO5-1L 21"X21" | MO5-1L 21"X21"

M4-8 24"X12" | DETOUR | DETOUR | M4-8 24"X12"
M3-4 24"X12" | WEST | WEST | M3-4 24"X12"
M1-6 24"X24" | 16 | 19 | M1-6 24"X24"
MO6-1 21"X21" | MO6-1 21"X21"

M4-8 24"X12" | DETOUR | M4-8 24"X12"
SOUTH | WEST | EAST | SOUTH
67 | 16 | 16 | 67
MO5-1R 21"X21"

M4-8 36"X18" | DETOUR | DETOUR | M4-8 36"X18"
M3-4 36"X18" | WEST | WEST | M3-4 36"X18"
M1-6 36"X36" | 16 | 19 | M1-6 36"X36"

M3-4 24"X12" | WEST | WEST | M3-4 24"X12"
M1-6 24"X24" | 16 | 19 | M1-6 24"X24"
DETOUR AHEAD
W20-2A

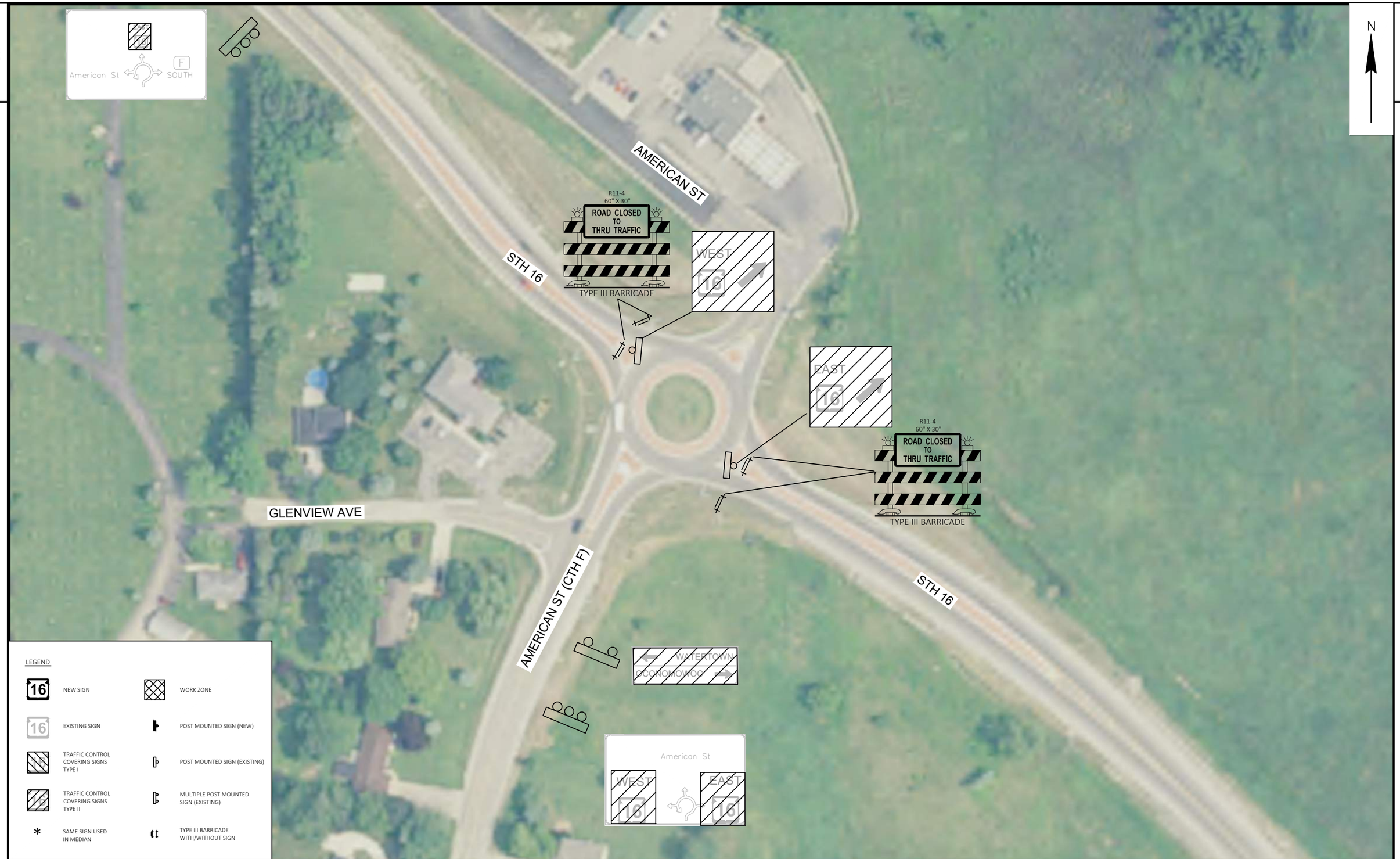
LEGEND

- NEW SIGN
- EXISTING SIGN
- TRAFFIC CONTROL COVERING SIGNS TYPE I
- TRAFFIC CONTROL COVERING SIGNS TYPE II
- SAME SIGN USED IN MEDIAN
- WORK ZONE
- POST MOUNTED SIGN (NEW)
- POST MOUNTED SIGN (EXISTING)
- MULTIPLE POST MOUNTED SIGN (EXISTING)
- TYPE III BARRICADE WITH/WITHOUT SIGN

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 17	SHEET 156	E

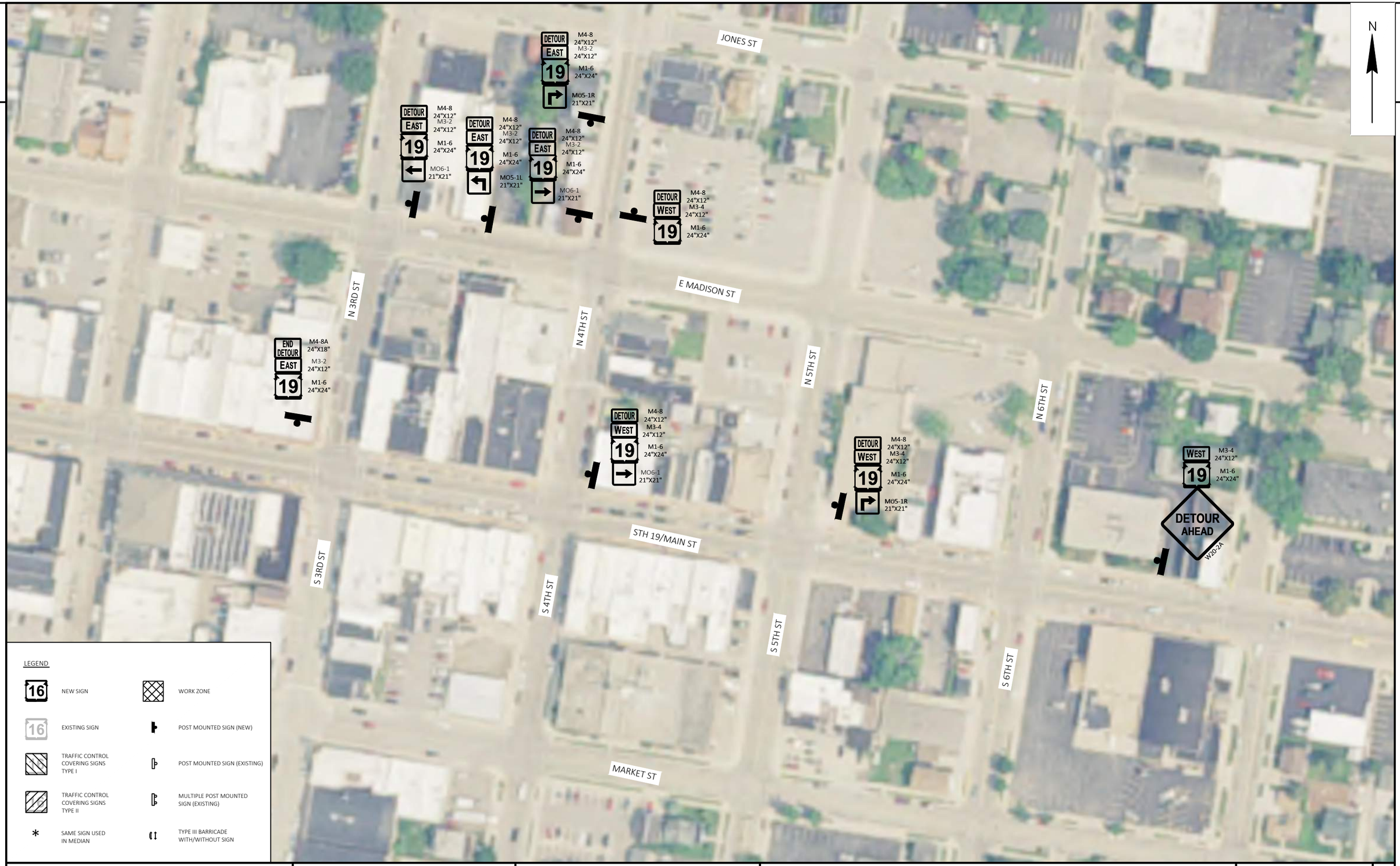
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027002-DT.DWG
LAYOUT NAME - Detour - Detail 17

PLOT DATE : 11/21/2024 2:39 PM | PLOT BY : JORDYN BENN | PLOT NAME : | PLOT SCALE : 1 IN:400 FT



2

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 19	SHEET 157	E



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	DETOUR - DETAIL 20	SHEET 158	E

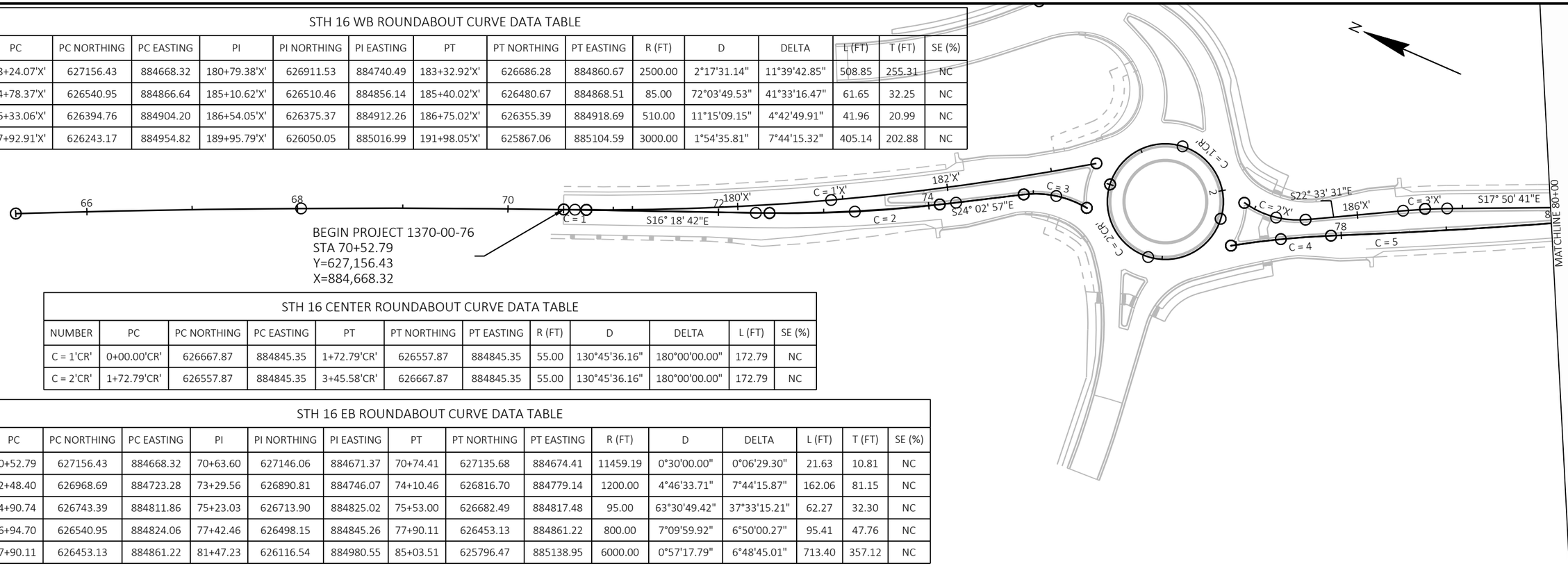
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\027002-DT.DWG
LAYOUT NAME - Detour - Detail 20

PLOT DATE : 11/21/2024 2:39 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

STH 16 WB ROUNDABOUT CURVE DATA TABLE

NUMBER	PC	PC NORTHING	PC EASTING	PI	PI NORTHING	PI EASTING	PT	PT NORTHING	PT EASTING	R (FT)	D	DELTA	L (FT)	T (FT)	SE (%)
C = 1'X'	178+24.07'X'	627156.43	884668.32	180+79.38'X'	626911.53	884740.49	183+32.92'X'	626686.28	884860.67	2500.00	2°17'31.14"	11°39'42.85"	508.85	255.31	NC
C = 2'X'	184+78.37'X'	626540.95	884866.64	185+10.62'X'	626510.46	884856.14	185+40.02'X'	626480.67	884868.51	85.00	72°03'49.53"	41°33'16.47"	61.65	32.25	NC
C = 3'X'	186+33.06'X'	626394.76	884904.20	186+54.05'X'	626375.37	884912.26	186+75.02'X'	626355.39	884918.69	510.00	11°15'09.15"	4°42'49.91"	41.96	20.99	NC
C = 4'X'	187+92.91'X'	626243.17	884954.82	189+95.79'X'	626050.05	885016.99	191+98.05'X'	625867.06	885104.59	3000.00	1°54'35.81"	7°44'15.32"	405.14	202.88	NC

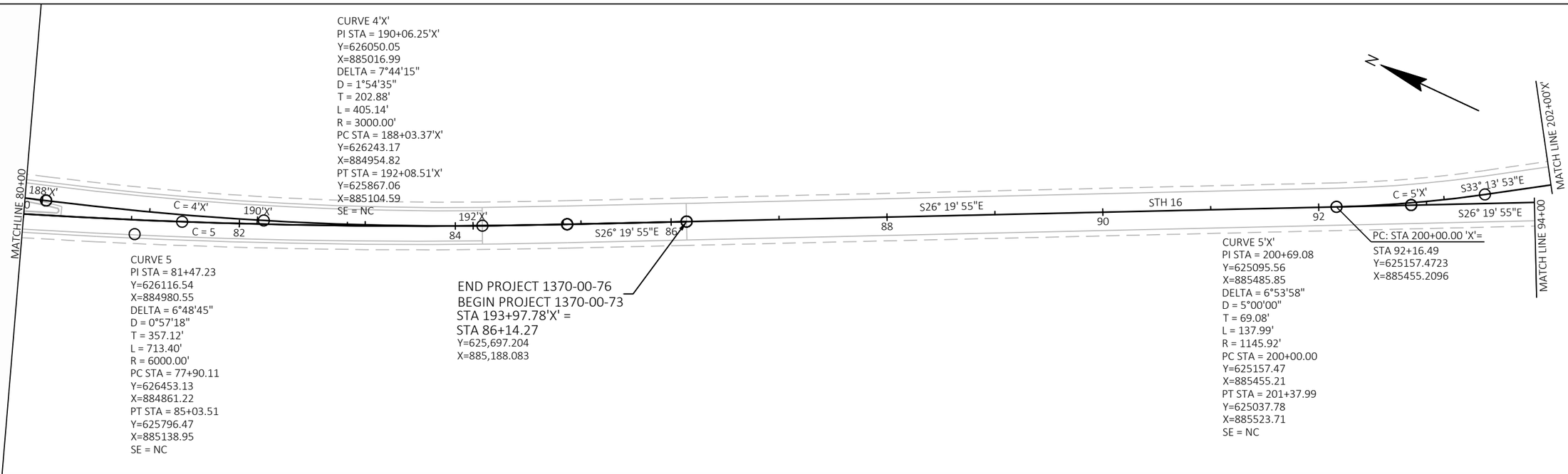


STH 16 CENTER ROUNDABOUT CURVE DATA TABLE

NUMBER	PC	PC NORTHING	PC EASTING	PT	PT NORTHING	PT EASTING	R (FT)	D	DELTA	L (FT)	SE (%)
C = 1'CR'	0+00.00'CR'	626667.87	884845.35	1+72.79'CR'	626557.87	884845.35	55.00	130°45'36.16"	180°00'00.00"	172.79	NC
C = 2'CR'	1+72.79'CR'	626557.87	884845.35	3+45.58'CR'	626667.87	884845.35	55.00	130°45'36.16"	180°00'00.00"	172.79	NC

STH 16 EB ROUNDABOUT CURVE DATA TABLE

NUMBER	PC	PC NORTHING	PC EASTING	PI	PI NORTHING	PI EASTING	PT	PT NORTHING	PT EASTING	R (FT)	D	DELTA	L (FT)	T (FT)	SE (%)
C = 1	70+52.79	627156.43	884668.32	70+63.60	627146.06	884671.37	70+74.41	627135.68	884674.41	11459.19	0°30'00.00"	0°06'29.30"	21.63	10.81	NC
C = 2	72+48.40	626968.69	884723.28	73+29.56	626890.81	884746.07	74+10.46	626816.70	884779.14	1200.00	4°46'33.71"	7°44'15.87"	162.06	81.15	NC
C = 3	74+90.74	626743.39	884811.86	75+23.03	626713.90	884825.02	75+53.00	626682.49	884817.48	95.00	63°30'49.42"	37°33'15.21"	62.27	32.30	NC
C = 4	76+94.70	626540.95	884824.06	77+42.46	626498.15	884845.26	77+90.11	626453.13	884861.22	800.00	7°09'59.92"	6°50'00.27"	95.41	47.76	NC
C = 5	77+90.11	626453.13	884861.22	81+47.23	626116.54	884980.55	85+03.51	625796.47	885138.95	6000.00	0°57'17.79"	6°48'45.01"	713.40	357.12	NC



PROJECT NO: 1370-00-73/76	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS	SHEET 159	E

2

CURVE 6'X'
PI STA = 206+22.48'X'
Y=624632.52
X=885789.22
DELTA = 12°36'09"
D = 2°00'00"
T = 316.34'
L = 630.13'
R = 2864.79'
PC STA = 203+06.14'X'
Y=624897.13
X=885615.86
PT STA = 209+36.27'X'
Y=624412.11
X=886016.14
SE = 4.0%

MATCH LINE 202+00'X'

S33° 13' 53"E

204'X'

206'X'

C = 6'X'

208'X'

210'X'

STH 16 WB

212'X'

214'X'

S45° 50' 02"E

MATCH LINE 215+00'X'

CURVE 6
PI STA = 109+40.76
Y=623612.11
X=886220.05
DELTA = 35°21'13"
D = 2°30'00"
T = 730.39'
L = 1414.14'
R = 2291.83'
PC STA = 102+10.37
Y=624266.72
X=885896.07
PT STA = 116+24.51
Y=623265.68
X=886863.06
PROPOSED SE = 4.6%

MATCH LINE 94+00

S26° 19' 55"E

96

98

100

102

STH 16 EB

104

106

STH 19

214'Y'

C = 6

MATCH LINE 108+00

STA 106+16.08 =
STA 213+17.61 'Y'
Y=623920.8836
X=886107.1923

212'Y'

SEE ALIGNMENT DETAILS -
STH 19 RAMPS

MATCH LINE 215+00'X'

216'X'

S45° 50' 02"E

218'X'

220'X'

S45° 50' 02"E

222'X'

224'X'

226'X'

STH 16 WB

C = 7'X'

228'X'

MATCH LINE 229+00'X'

CURVE 7'X'
PI STA = 227+48.40'X'
Y=623149.53
X=887316.02
DELTA = 7°05'29"
D = 2°30'00"
T = 142.01'
L = 283.65'
R = 2291.83'
PC STA = 226+06.39'X'
Y=623248.47
X=887214.15
PT STA = 228+90.04'X'
Y=623063.92
X=887429.32
SE = 4.6%

220'Y'

218'Y'

216'Y'

STH 19 WB

222'Y'

STA 223+34.51 'X', 12.00' RT=
PC: STA 223+59.09 'Y'
Y=623429.2936
X=887010.7645

CURVE 6
PI STA = 109+40.76
Y=623612.11
X=886220.05
DELTA = 35°21'13"
D = 2°30'00"
T = 730.39'
L = 1414.14'
R = 2291.83'
PC STA = 102+10.37
Y=624266.72
X=885896.07
PT STA = 116+24.51
Y=623265.68
X=886863.06
SE = 4.6%

MATCH LINE 108+00

110

112

114

C = 6

116

STH 16 EB

118

S61° 41' 08"E

120

MATCH LINE 122+00

PI: 117+30.16'Z'
Y=623202.3122
X=886949.0396

116'Z'

STA 117+30.26 , 15.00' RT=
STA 117+30.16 'Z'
Y=623202.3122
X=886949.0396

114'Z'

STH 19 EB

112'Z'

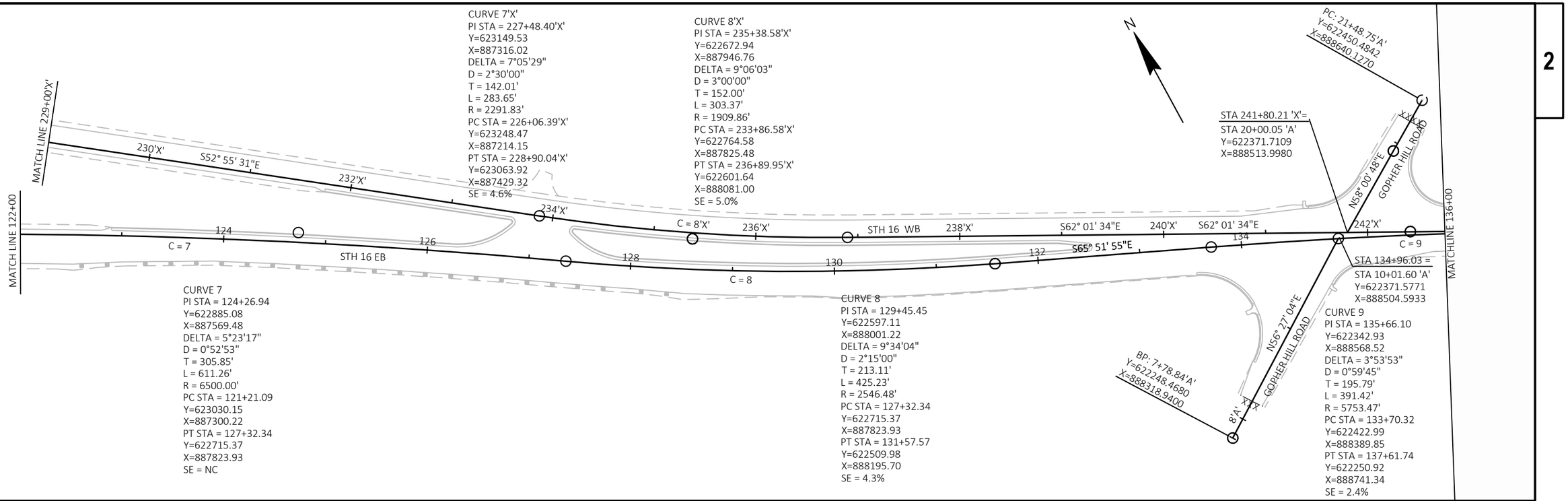
STH 19 EB

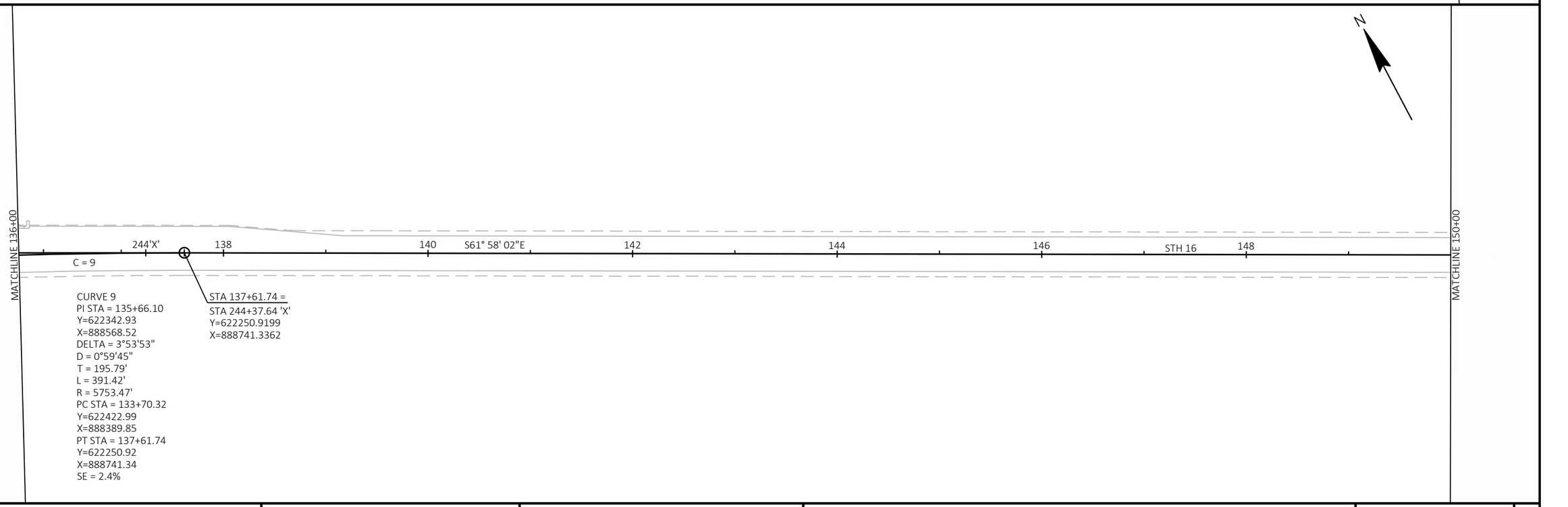
110'Z'

108'Z'

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS	SHEET 160	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020401-ALI-STH 16.DWG
LAYOUT NAME - 020402-ali
PLOT DATE : 8/28/2024 3:34 PM
PLOT BY : SAMANTHA BENSON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT





PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS	SHEET 161	E

2

2

N

MATCHLINE 150+00

S61° 58' 02"E

160

STH 16

162

MATCHLINE 164+00

N

MATCHLINE 164+00

166

STH 16

170

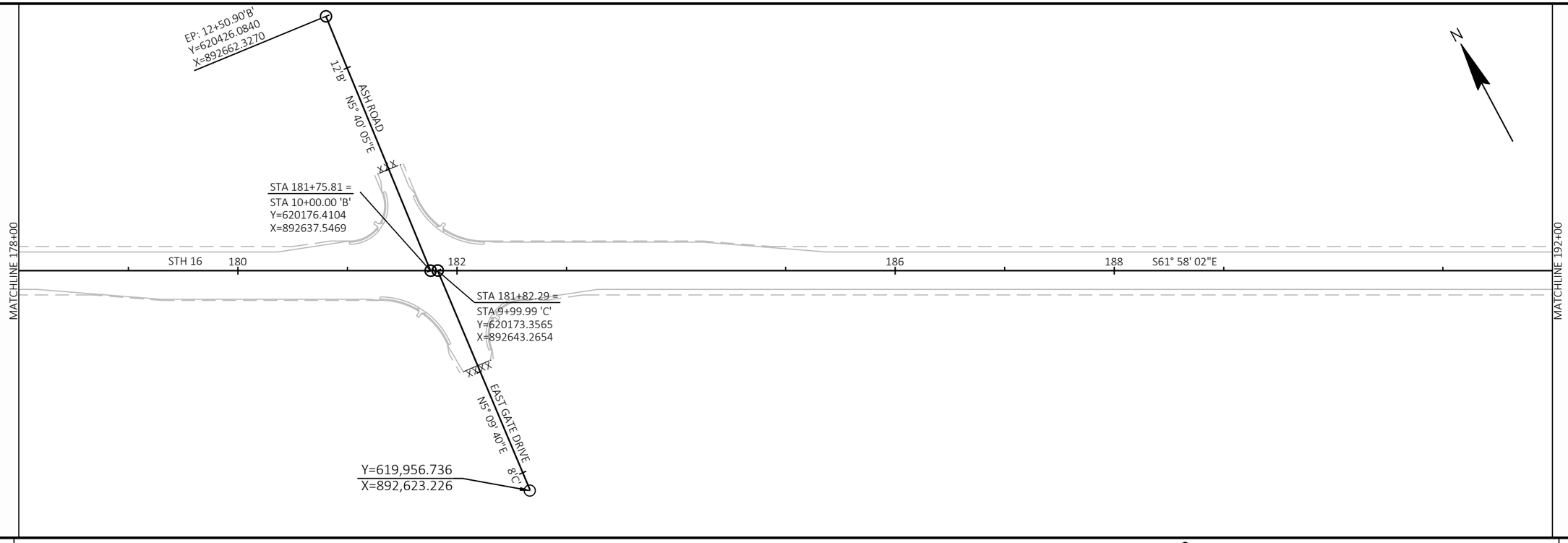
174

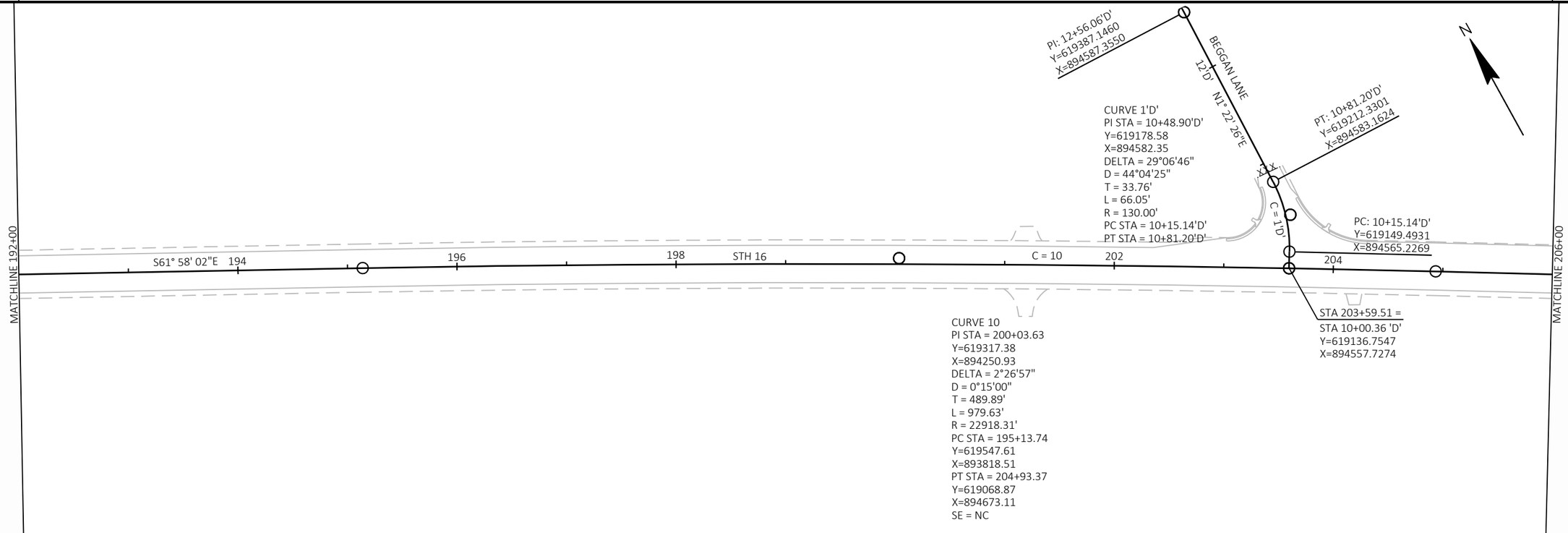
S61° 58' 02"E

MATCHLINE 178+00

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS	SHEET 162	E

2





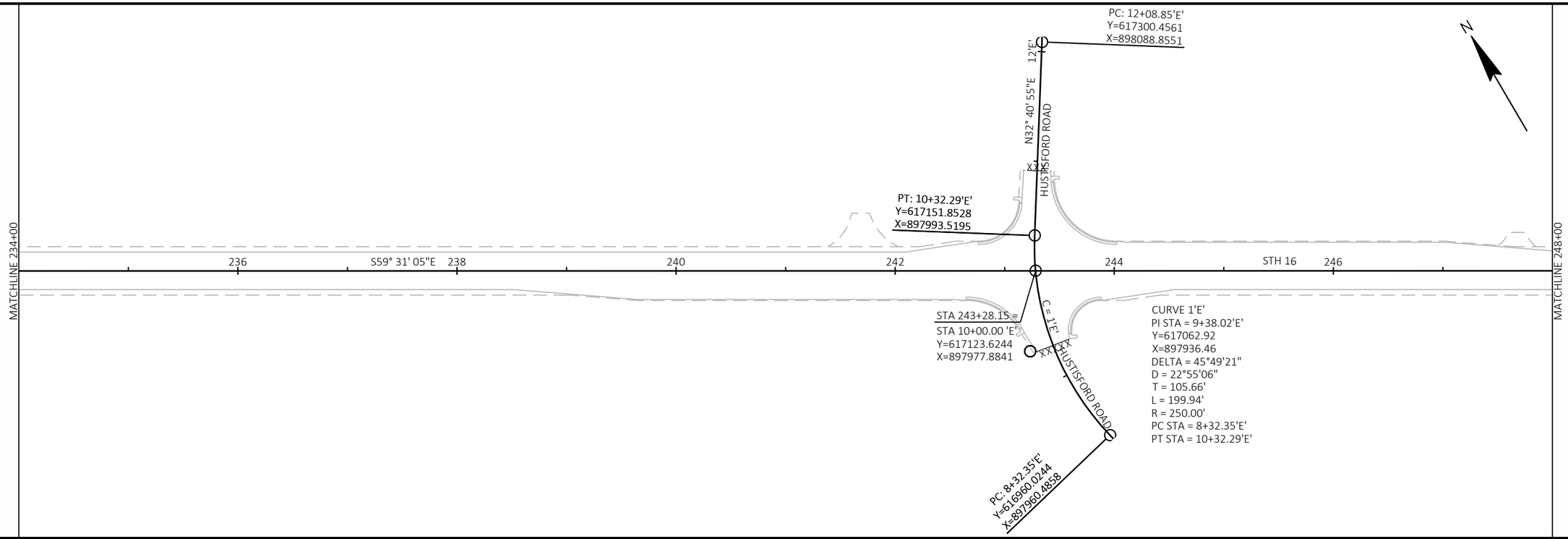
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS	SHEET 163	E

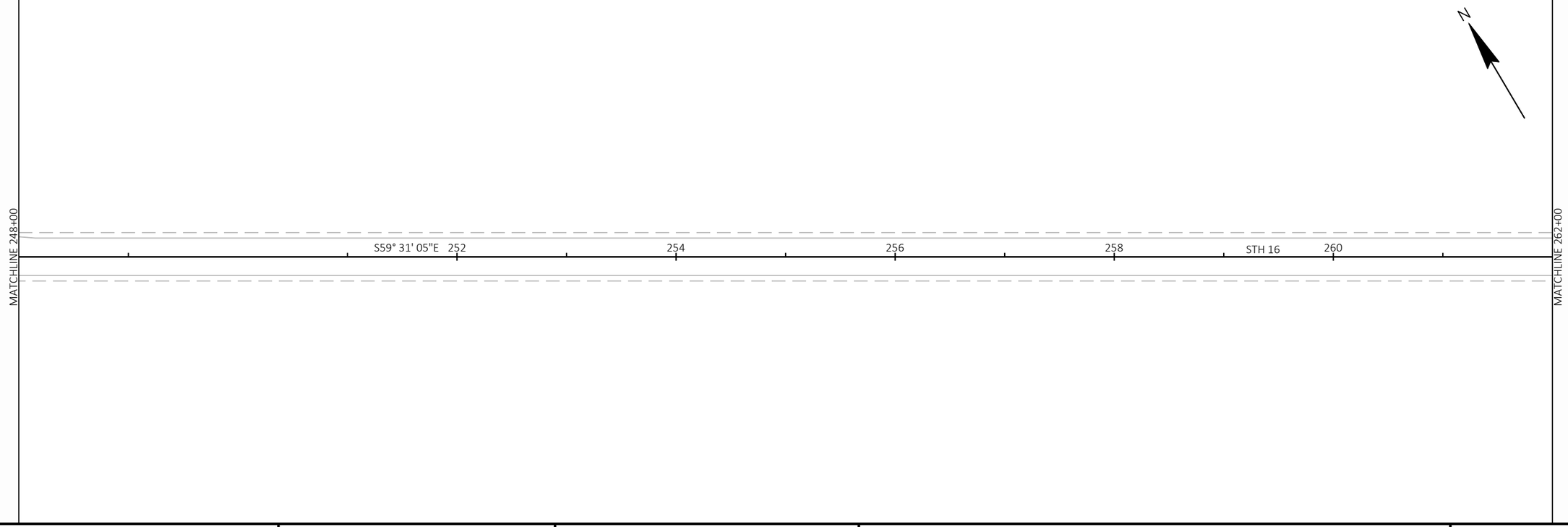
2

2

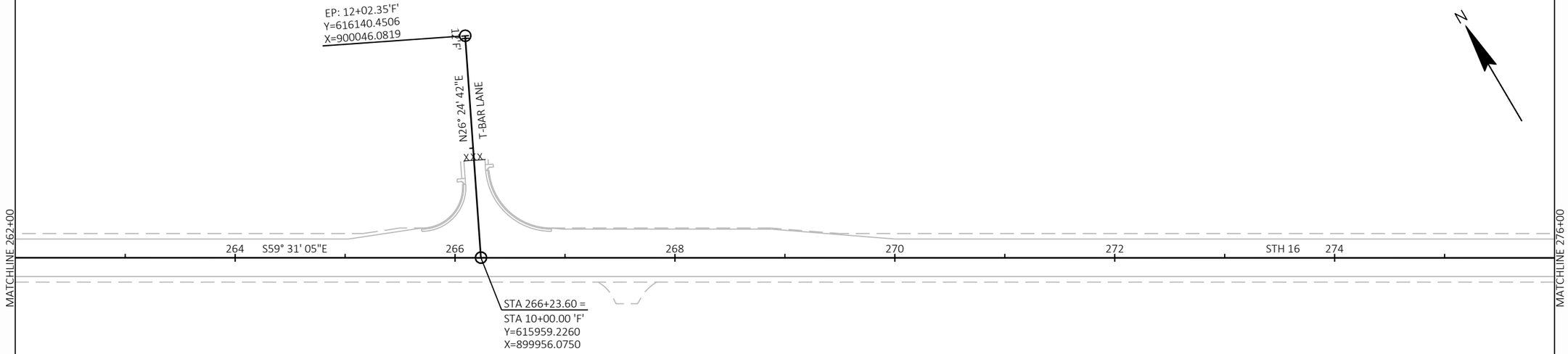
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS	SHEET 164	E

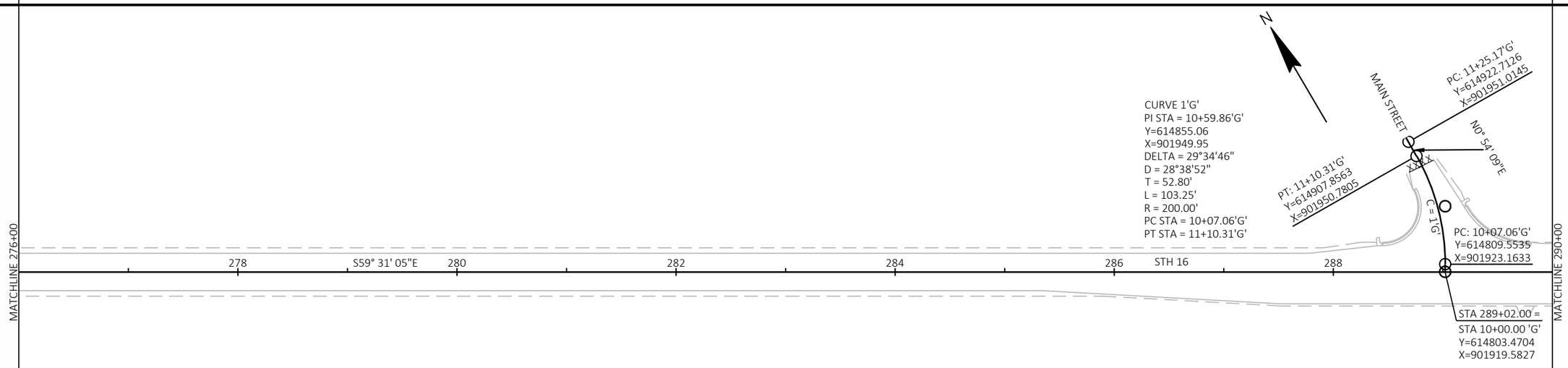
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020401-ALI-STH 16.DWG
LAYOUT NAME - 020406-ali
PLOT DATE : 8/28/2024 3:35 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





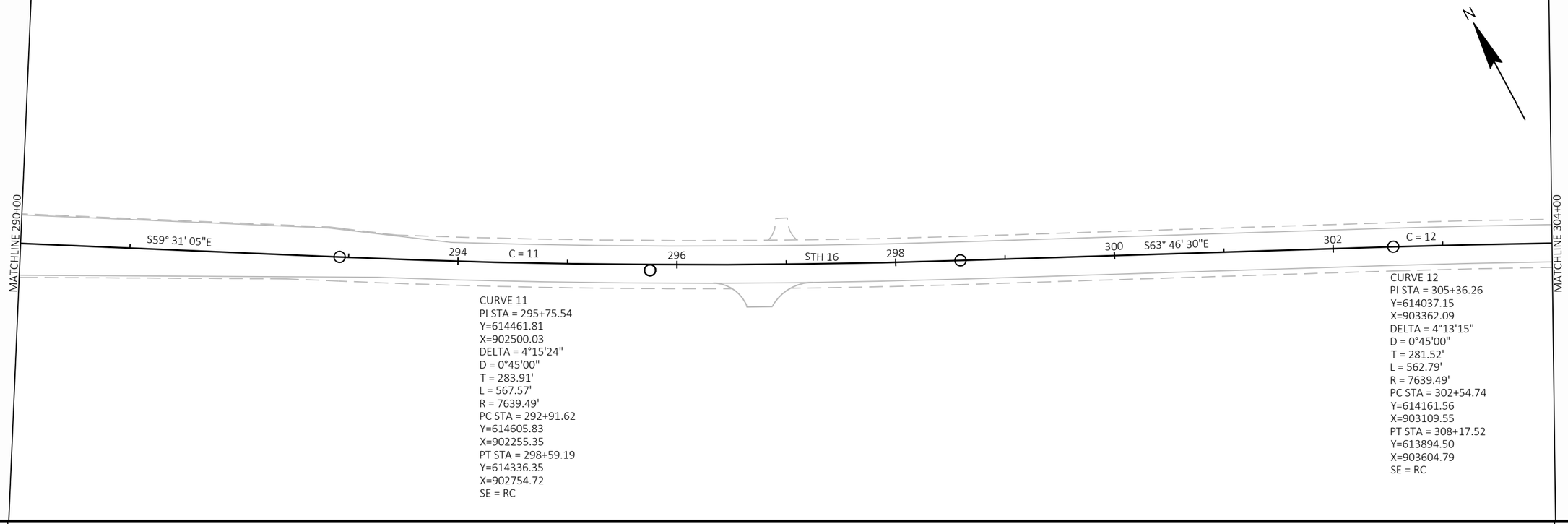
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS	SHEET 165	E





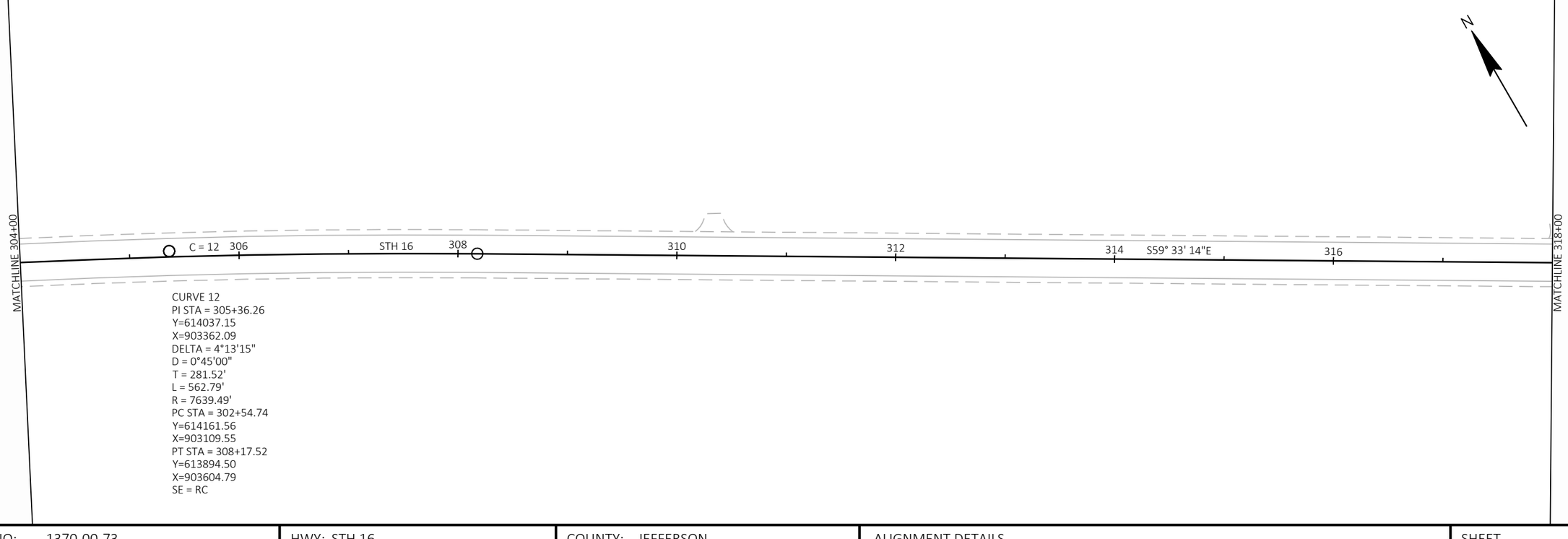
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS	SHEET 166	E

2



CURVE 11
PI STA = 295+75.54
Y=614461.81
X=902500.03
DELTA = 4°15'24"
D = 0°45'00"
T = 283.91'
L = 567.57'
R = 7639.49'
PC STA = 292+91.62
Y=614605.83
X=902255.35
PT STA = 298+59.19
Y=614336.35
X=902754.72
SE = RC

CURVE 12
PI STA = 305+36.26
Y=614037.15
X=903109.55
DELTA = 4°13'15"
D = 0°45'00"
T = 281.52'
L = 562.79'
R = 7639.49'
PC STA = 302+54.74
Y=614161.56
X=903109.55
PT STA = 308+17.52
Y=613894.50
X=903604.79
SE = RC



CURVE 12
PI STA = 305+36.26
Y=614037.15
X=903362.09
DELTA = 4°13'15"
D = 0°45'00"
T = 281.52'
L = 562.79'
R = 7639.49'
PC STA = 302+54.74
Y=614161.56
X=903109.55
PT STA = 308+17.52
Y=613894.50
X=903604.79
SE = RC

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS	SHEET 167	E

2

2

MATCHLINE 318+00

320 STH 16 322 324 326 328 S59° 33' 14"E 330

MATCHLINE 332+00

N

CURVE 13
PI STA = 347+56.84
Y=611898.34
X=907000.91
DELTA = 27°28'41"
D = 1°00'00"
T = 1400.88'
L = 2747.85'
R = 5729.65'
PC STA = 333+55.96
Y=612608.21
X=905793.20
PT STA = 361+03.82
Y=611825.82
X=908399.91
SE = 2.4%

MATCHLINE 332+00

336 C = 13 338 STH 16 340 342 344

MATCHLINE 346+00

N33° 06' 21"E

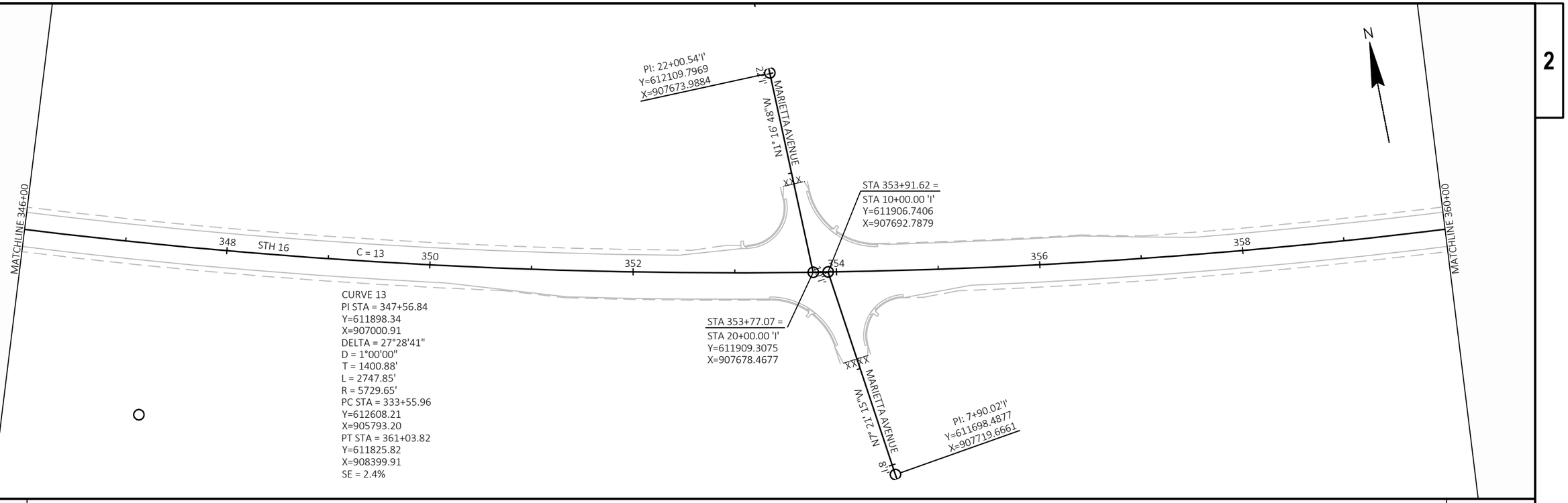
HILLTOP ROAD

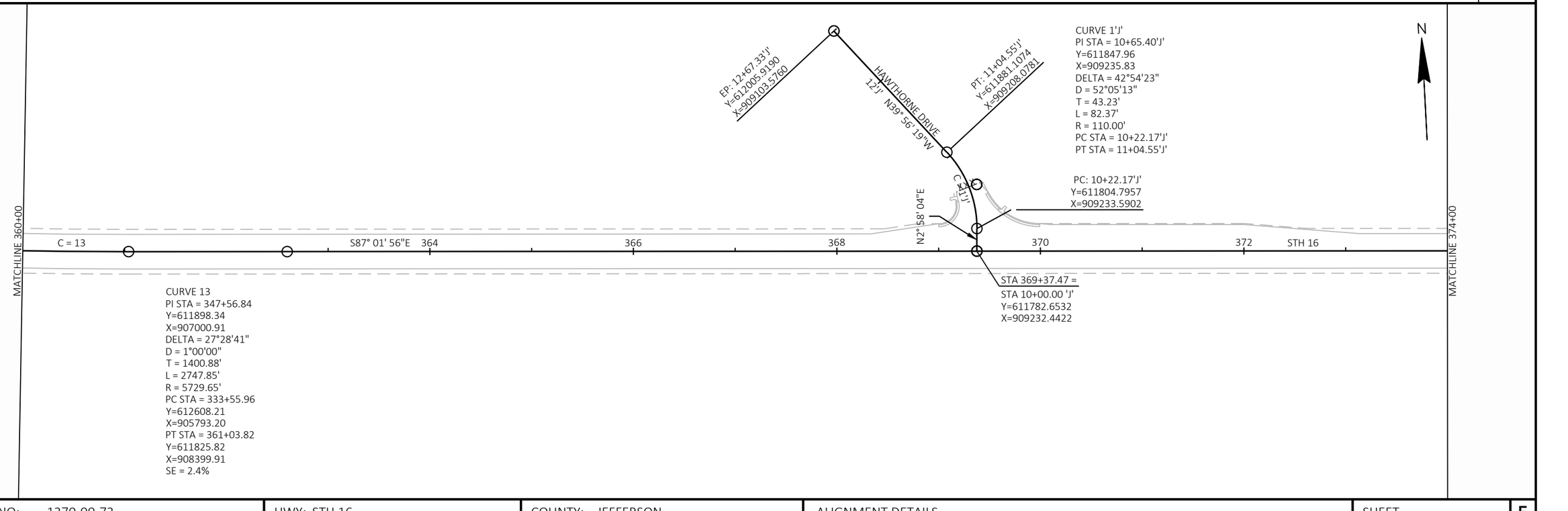
STA 334+10.61 =
STA 10+00.00 'H'
Y=612580.7427
X=905840.4394

PT: 8+60.47'H'
Y=612463.8663
X=905764.2315

N

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS	SHEET 168	E

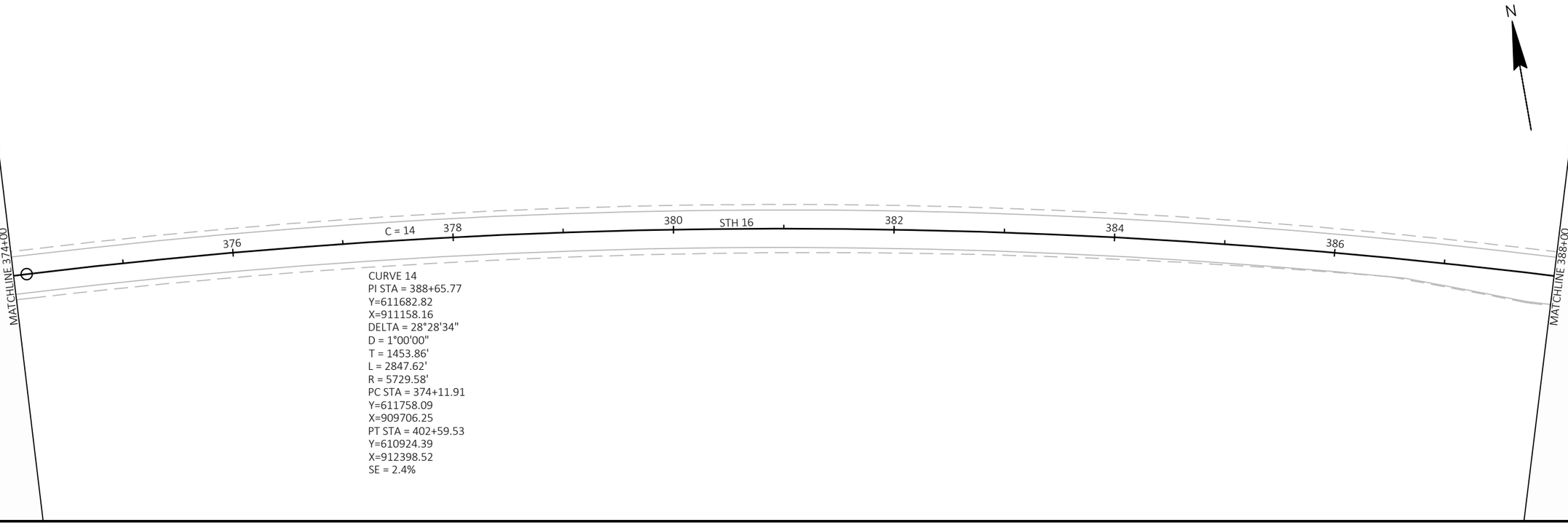


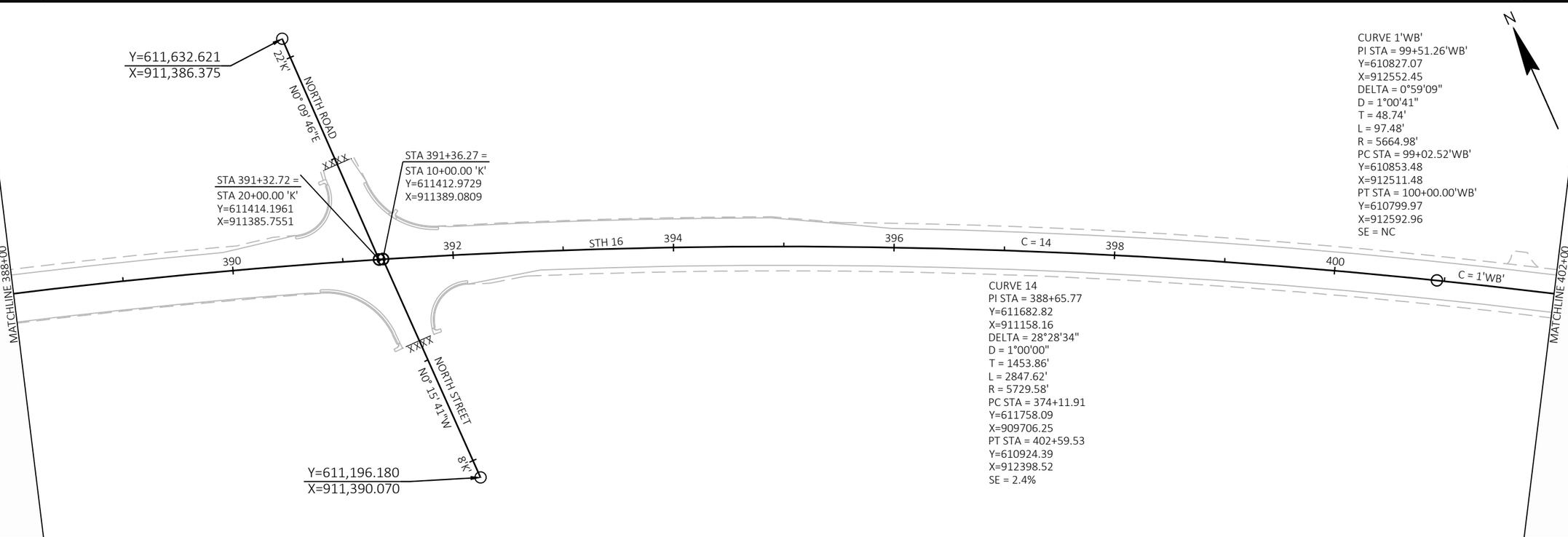


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS	SHEET 169	E

2

2



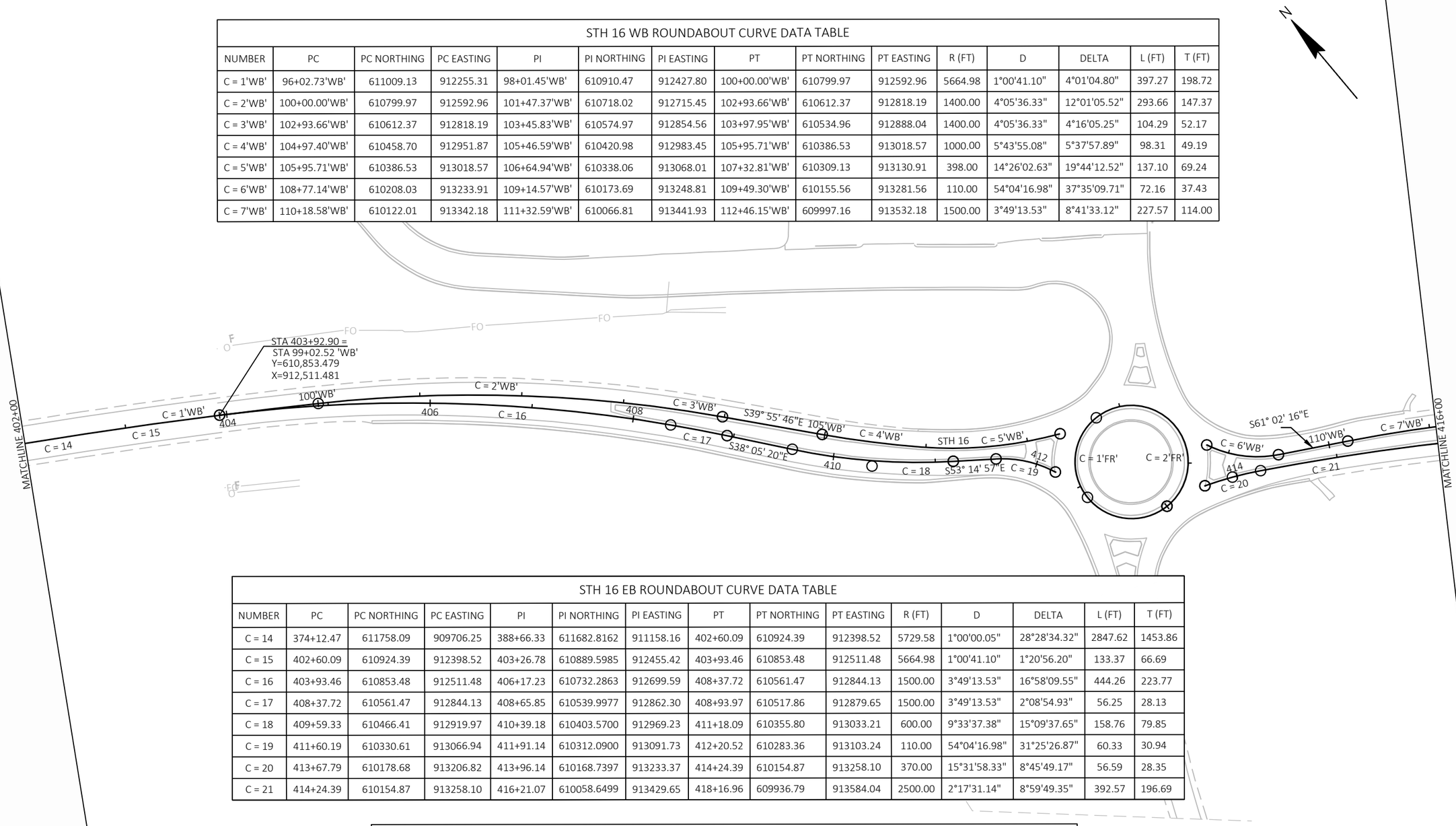


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS	SHEET 170	E

2

STH 16 WB ROUNDABOUT CURVE DATA TABLE

NUMBER	PC	PC NORTHING	PC EASTING	PI	PI NORTHING	PI EASTING	PT	PT NORTHING	PT EASTING	R (FT)	D	DELTA	L (FT)	T (FT)
C = 1'WB'	96+02.73'WB'	611009.13	912255.31	98+01.45'WB'	610910.47	912427.80	100+00.00'WB'	610799.97	912592.96	5664.98	1°00'41.10"	4°01'04.80"	397.27	198.72
C = 2'WB'	100+00.00'WB'	610799.97	912592.96	101+47.37'WB'	610718.02	912715.45	102+93.66'WB'	610612.37	912818.19	1400.00	4°05'36.33"	12°01'05.52"	293.66	147.37
C = 3'WB'	102+93.66'WB'	610612.37	912818.19	103+45.83'WB'	610574.97	912854.56	103+97.95'WB'	610534.96	912888.04	1400.00	4°05'36.33"	4°16'05.25"	104.29	52.17
C = 4'WB'	104+97.40'WB'	610458.70	912951.87	105+46.59'WB'	610420.98	912983.45	105+95.71'WB'	610386.53	913018.57	1000.00	5°43'55.08"	5°37'57.89"	98.31	49.19
C = 5'WB'	105+95.71'WB'	610386.53	913018.57	106+64.94'WB'	610338.06	913068.01	107+32.81'WB'	610309.13	913130.91	398.00	14°26'02.63"	19°44'12.52"	137.10	69.24
C = 6'WB'	108+77.14'WB'	610208.03	913233.91	109+14.57'WB'	610173.69	913248.81	109+49.30'WB'	610155.56	913281.56	110.00	54°04'16.98"	37°35'09.71"	72.16	37.43
C = 7'WB'	110+18.58'WB'	610122.01	913342.18	111+32.59'WB'	610066.81	913441.93	112+46.15'WB'	609997.16	913532.18	1500.00	3°49'13.53"	8°41'33.12"	227.57	114.00



STH 16 EB ROUNDABOUT CURVE DATA TABLE

NUMBER	PC	PC NORTHING	PC EASTING	PI	PI NORTHING	PI EASTING	PT	PT NORTHING	PT EASTING	R (FT)	D	DELTA	L (FT)	T (FT)
C = 14	374+12.47	611758.09	909706.25	388+66.33	611682.8162	911158.16	402+60.09	610924.39	912398.52	5729.58	1°00'00.05"	28°28'34.32"	2847.62	1453.86
C = 15	402+60.09	610924.39	912398.52	403+26.78	610889.5985	912455.42	403+93.46	610853.48	912511.48	5664.98	1°00'41.10"	1°20'56.20"	133.37	66.69
C = 16	403+93.46	610853.48	912511.48	406+17.23	610732.2863	912699.59	408+37.72	610561.47	912844.13	1500.00	3°49'13.53"	16°58'09.55"	444.26	223.77
C = 17	408+37.72	610561.47	912844.13	408+65.85	610539.9977	912862.30	408+93.97	610517.86	912879.65	1500.00	3°49'13.53"	2°08'54.93"	56.25	28.13
C = 18	409+59.33	610466.41	912919.97	410+39.18	610403.5700	912969.23	411+18.09	610355.80	913033.21	600.00	9°33'37.38"	15°09'37.65"	158.76	79.85
C = 19	411+60.19	610330.61	913066.94	411+91.14	610312.0900	913091.73	412+20.52	610283.36	913103.24	110.00	54°04'16.98"	31°25'26.87"	60.33	30.94
C = 20	413+67.79	610178.68	913206.82	413+96.14	610168.7397	913233.37	414+24.39	610154.87	913258.10	370.00	15°31'58.33"	8°45'49.17"	56.59	28.35
C = 21	414+24.39	610154.87	913258.10	416+21.07	610058.6499	913429.65	418+16.96	609936.79	913584.04	2500.00	2°17'31.14"	8°59'49.35"	392.57	196.69

STH 16 CENTER ROUNDABOUT CURVE DATA TABLE

NUMBER	PC	PC NORTHING	PC EASTING	PT	PT NORTHING	PT EASTING	R (FT)	D	DELTA	L (FT)
C = 1'FR'	0+00.00'FR'	610187.26	913165.53	1+74.36'FR'	610298.23	913168.19	55.50	128°33'12.53"	180°00'05.98"	174.36
C = 2'FR'	1+74.36'FR'	610298.23	913168.19	3+48.72'FR'	610187.26	913165.53	55.50	128°33'12.53"	180°00'05.98"	174.36

2

CURVE 7'WB'
PI STA = 111+32.59'WB'
Y=610066.81
X=913441.93
DELTA = 8°41'33"
D = 3°49'11"
T = 114.00'
L = 227.57'
R = 1500.00'
PC STA = 110+18.58'WB'
Y=610122.01
X=913342.18
PT STA = 112+46.15'WB'
Y=609997.16
X=913532.18
SE = NC

CURVE 8'WB'
PI STA = 113+47.58'WB'
Y=609935.20
X=913612.48
DELTA = 7°44'11"
D = 3°49'11"
T = 101.42'
L = 202.54'
R = 1500.00'
PC STA = 112+46.15'WB'
Y=609997.16
X=913532.18
PT STA = 114+48.69'WB'
Y=609862.99
X=913683.71
SE = NC

MATCHLINE 416+00

C = 7'WB'

C = 8'WB'

115'WB'

S44° 37' 46"E

C = 21

C = 22

418

420

422

424

STH 16

426

S44° 36' 38"E

428

C = 23

MATCHLINE 430+00

CURVE 22
PI STA = 419+71.50
Y=609840.69
X=913705.78
DELTA = 7°06'01"
D = 2°17'31"
T = 155.10'
L = 309.81'
R = 2500.00'
PC STA = 418+16.40
Y=609936.79
X=913584.04
PT STA = 421+26.21
Y=609730.28
X=913814.72
SE = NC

STA 421+26.21 =
STA 116+35.18 'WB'
Y=609730.2788
X=913814.7178

CURVE 23
PI STA = 443+48.52
Y=608148.22
X=915375.41
DELTA = 28°07'32"
D = 1°00'00"
T = 1435.23'
L = 2812.59'
R = 5729.65'
PC STA = 429+13.28
Y=609169.96
X=914367.47
PT STA = 457+25.88
Y=607722.28
X=916745.98
SE = 2.4%

MATCHLINE 430+00

432

C = 23

434

436

438

STH 16

440

442

MATCHLINE 444+00

RIVER VALLEY ROAD

PI: 11+93.91'L'
Y=608561.0170
X=915363.1030

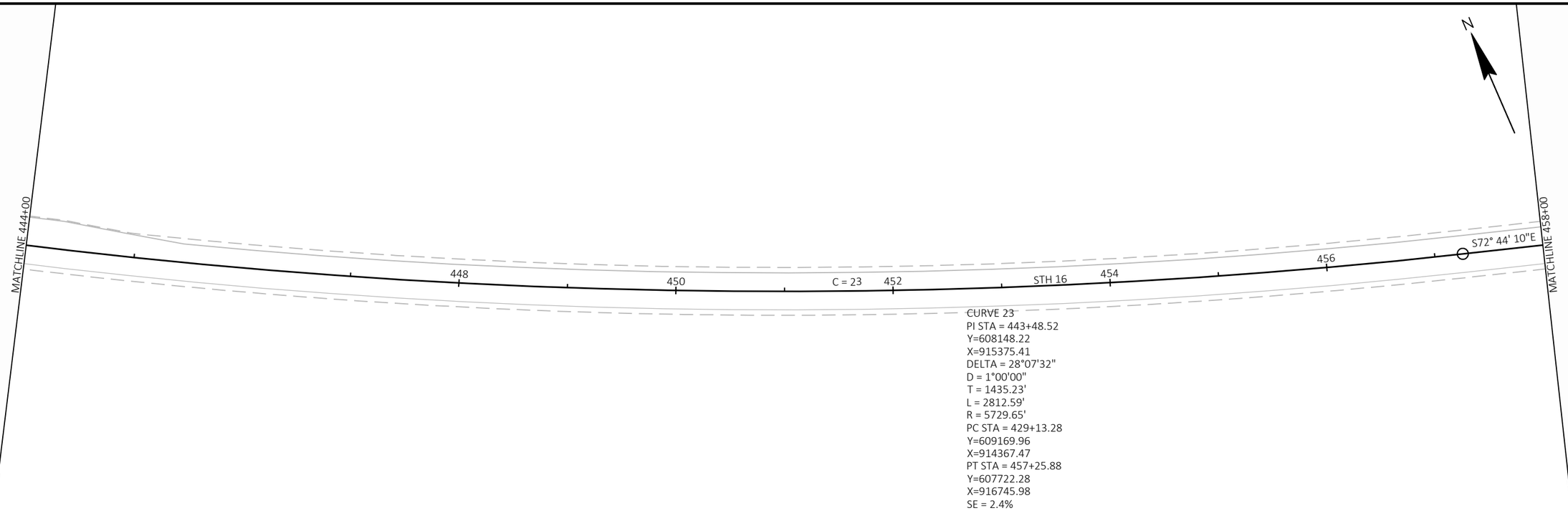
STA 441+92.61 =
STA 9+99.26 'L'
Y=608366.3927
X=915359.5662

RIVER VALLEY ROAD

PI: 8+24.67'L'
Y=608191.8560
X=915355.1850

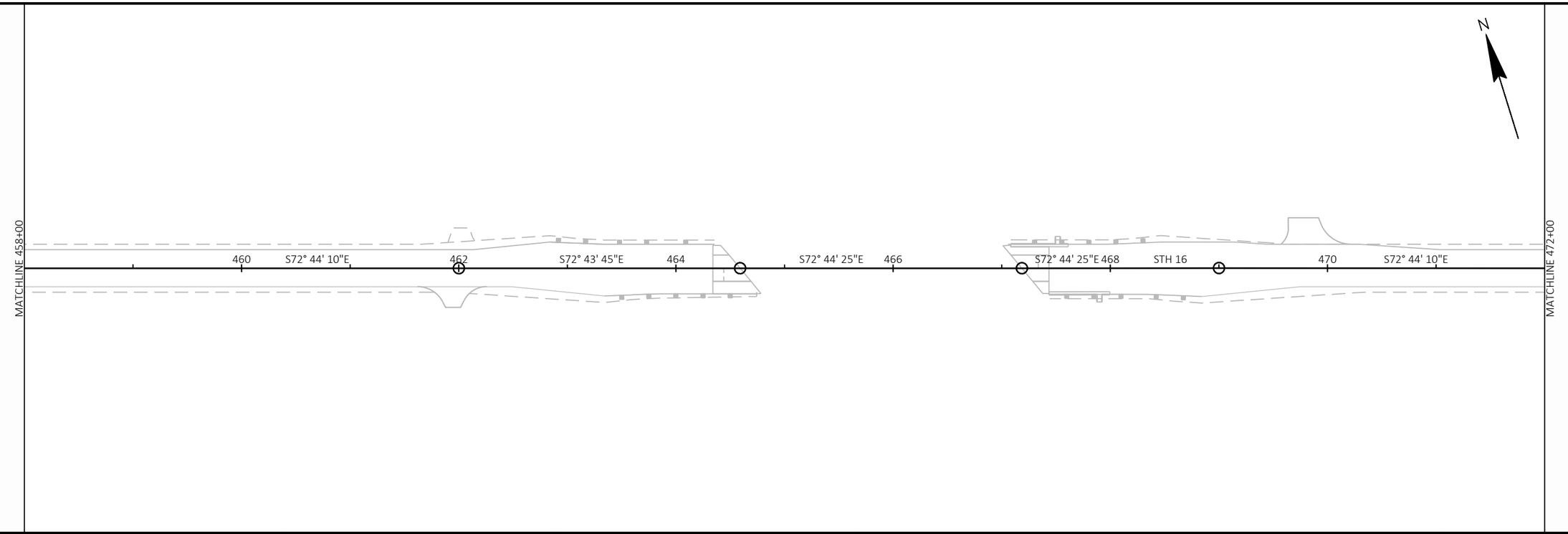
CURVE 23
PI STA = 443+48.52
Y=608148.22
X=915375.41
DELTA = 28°07'32"
D = 1°00'00"
T = 1435.23'
L = 2812.59'
R = 5729.65'
PC STA = 429+13.28
Y=609169.96
X=914367.47
PT STA = 457+25.88
Y=607722.28
X=916745.98
SE = 2.4%

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS	SHEET 172	E

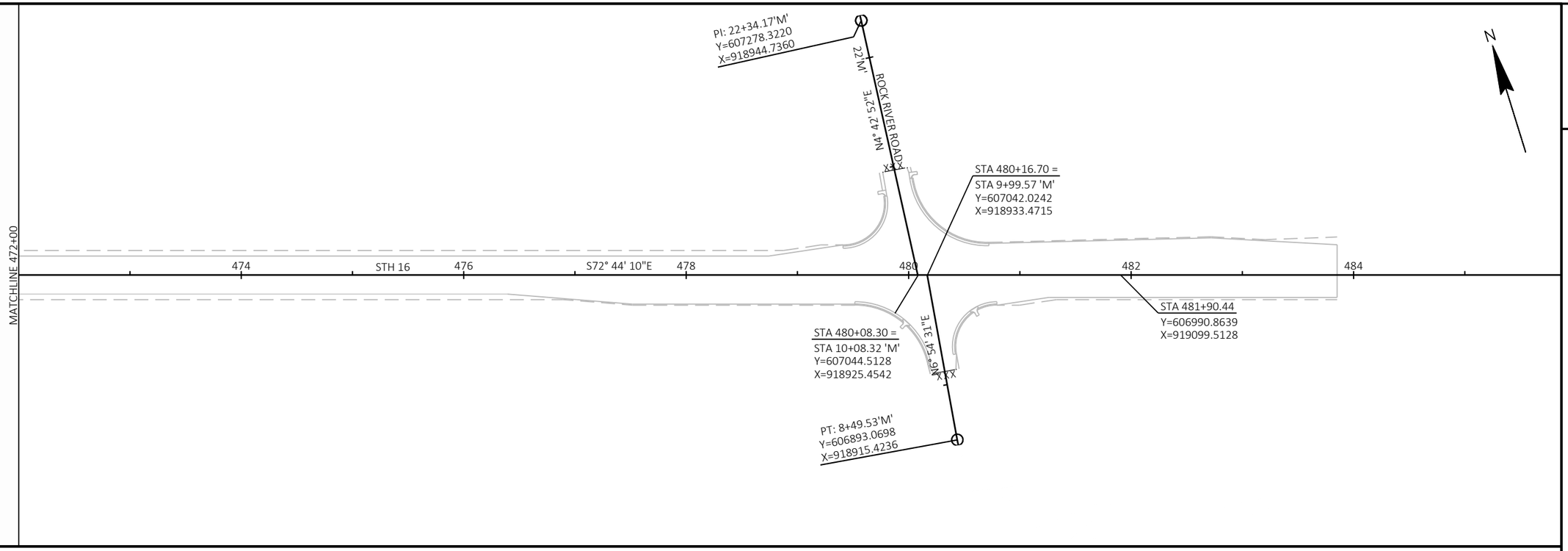


CURVE 23
PI STA = 443+48.52
Y=608148.22
X=915375.41
DELTA = 28°07'32"
D = 1°00'00"
T = 1435.23'
L = 2812.59'
R = 5729.65'
PC STA = 429+13.28
Y=609169.96
X=914367.47
PT STA = 457+25.88
Y=607722.28
X=916745.98
SE = 2.4%

2



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS	SHEET 173	E

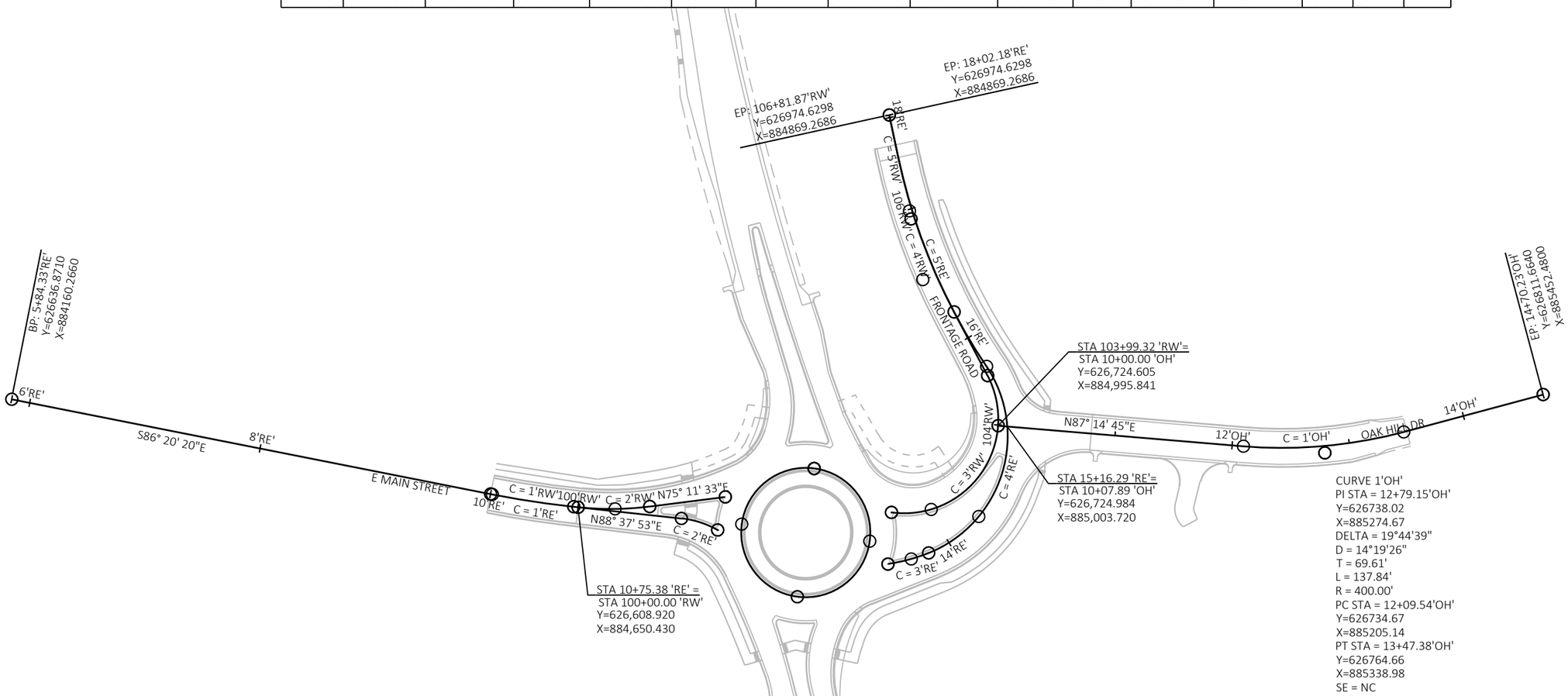


2

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS	SHEET 174	E

2

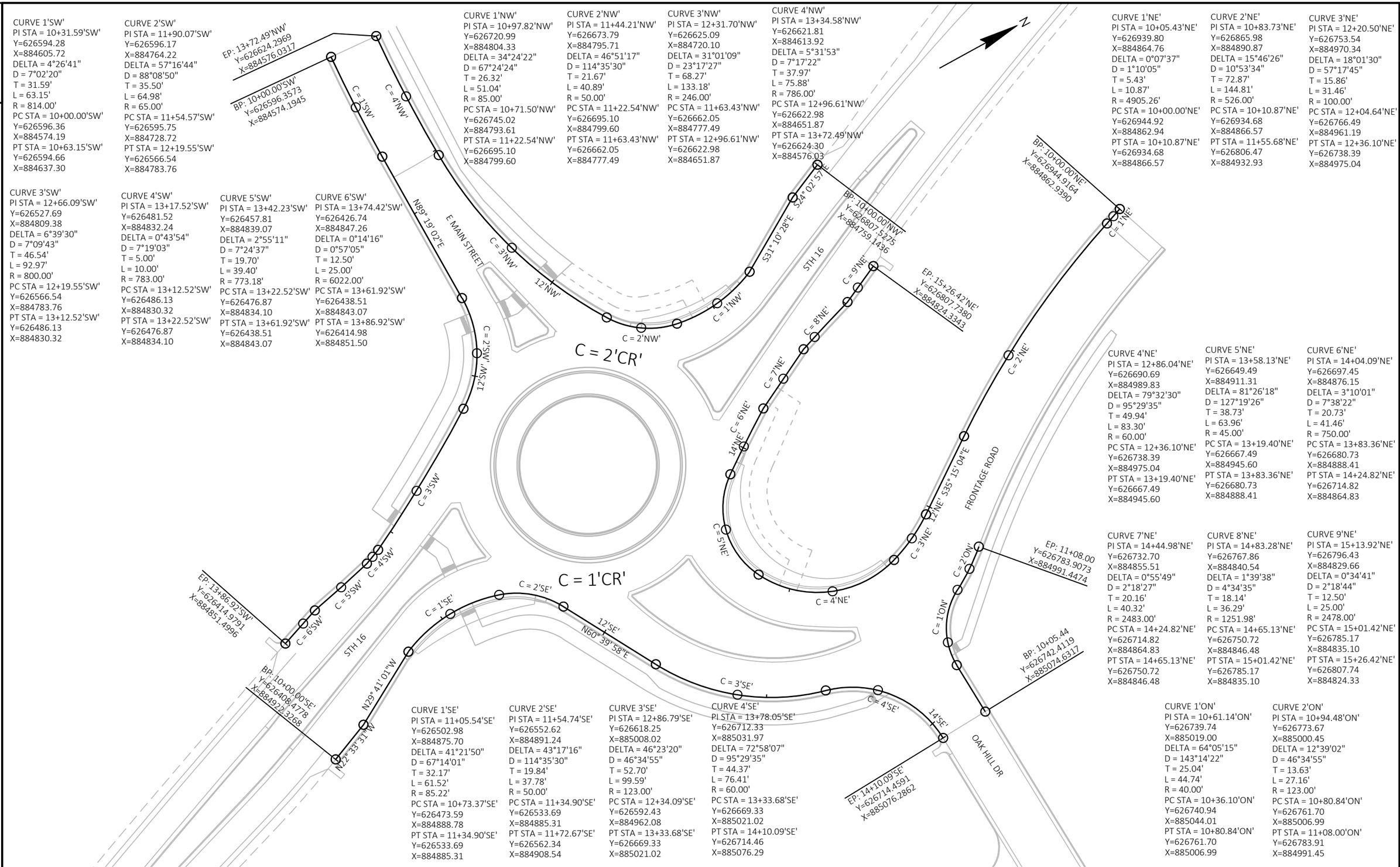
E MAIN ST EB ROUNDABOUT CURVE DATA TABLE														
NUMBER	PC	PC NORTHING	PC EASTING	PI	PI NORTHING	PI EASTING	PT	PT NORTHING	PT EASTING	R (FT)	D	DELTA	L (FT)	T (FT)	SE (%)
C = 1'RE'	10+01.45'RE'	626610.24	884576.53	10+36.58'RE'	626607.99	884611.60	10+71.67'RE'	626608.83	884646.72	800.00	7°09'59.92"	5°01'46.38"	70.23	35.14	NC
C = 2'RE'	11+63.85'RE'	626611.03	884738.88	11+80.39'RE'	626611.43	884755.41	11+96.46'RE'	626605.24	884770.74	80.00	77°21'51.75"	23°21'21.41"	32.61	16.54	NC
C = 3'RE'	13+44.52'RE'	626595.56	884918.33	13+62.62'RE'	626600.49	884935.74	13+80.55'RE'	626609.42	884951.49	150.10	38°54'59.19"	13°45'06.20"	36.03	18.10	NC
C = 4'RE'	13+80.55'RE'	626609.42	884951.49	15+12.64'RE'	626674.13	885066.64	15+71.00'RE'	626773.34	884979.43	107.00	55°43'01.27"	101°59'01.13"	190.45	132.10	NC
C = 5'RE'	15+71.00'RE'	626773.34	884979.43	16+69.40'RE'	626847.25	884914.47	17+65.41'RE'	626940.01	884881.66	510.00	11°15'09.15"	21°50'25.18"	194.40	98.40	NC
C = 6'RE'	17+65.41'RE'	626940.01	884881.66	17+83.79'RE'	626957.34	884875.53	18+02.18'RE'	626974.63	884869.27	4921.26	1°09'51.37"	0°25'41.07"	36.77	18.38	NC



E MAIN ST WB ROUNDABOUT CURVE DATA TABLE														
NUMBER	PC	PC NORTHING	PC EASTING	PI	PI NORTHING	PI EASTING	PT	PT NORTHING	PT EASTING	R (FT)	D	DELTA	L (FT)	T (FT)	SE (%)
C = 1'RW'	99+24.65'RW'	626610.33	884575.12	99+62.35'RW'	626607.86	884612.74	100+00.00'RW'	626608.92	884650.43	803.74	7°07'59.81"	5°22'16.80"	75.35	37.70	NC
C = 2'RW'	100+00.00'RW'	626608.92	884650.43	100+30.66'RW'	626609.67	884681.08	100+61.04'RW'	626617.50	884710.72	260.93	22°05'40.31"	13°24'11.48"	61.04	30.66	NC
C = 3'RW'	102+68.02'RW'	626639.53	884915.45	104+23.84'RW'	626638.46	885071.27	104+43.46'RW'	626765.70	884981.33	80.00	77°21'51.75"	125°38'49.97"	175.44	155.82	NC
C = 4'RW'	105+04.69'RW'	626815.71	884945.99	105+75.34'RW'	626873.40	884905.21	106+45.10'RW'	626940.01	884881.66	510.00	11°15'09.15"	15°46'26.49"	140.41	70.65	NC
C = 5'RW'	106+45.10'RW'	626940.01	884881.66	106+63.48'RW'	626957.34	884875.53	106+81.87'RW'	626974.63	884869.27	4921.26	1°09'51.37"	0°25'41.07"	36.77	18.38	NC

PROJECT NO: 1300-00-76	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS - E MAIN ST ROUNDABOUT	SHEET 175	E

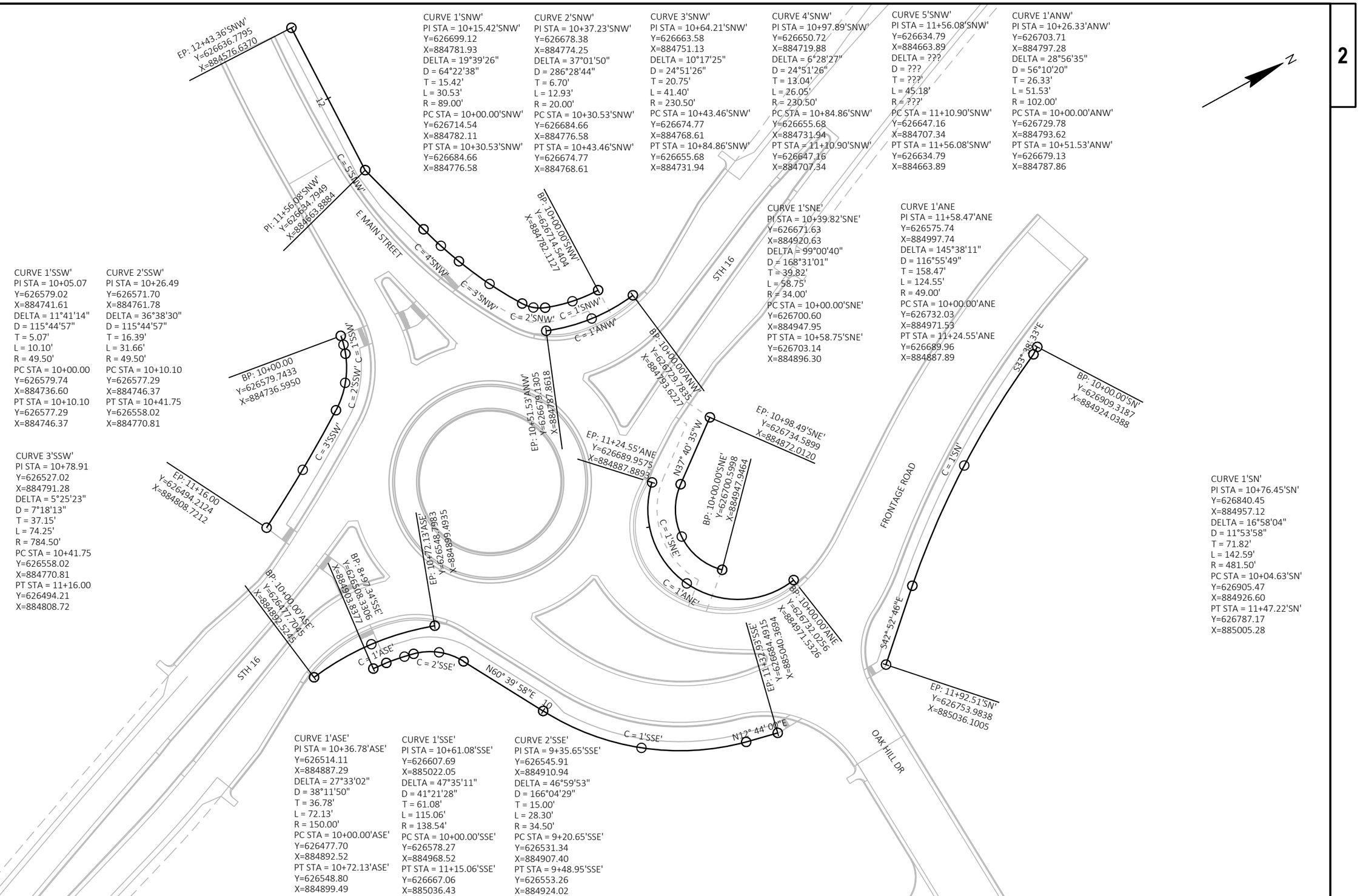
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020401-ALI-STH 16.DWG
LAYOUT NAME - 020417-ali
PLOT DATE : 8/28/2024 3:36 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 1300-00-76	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS - E MAIN ST ROUNDABOUT	SHEET 176	E

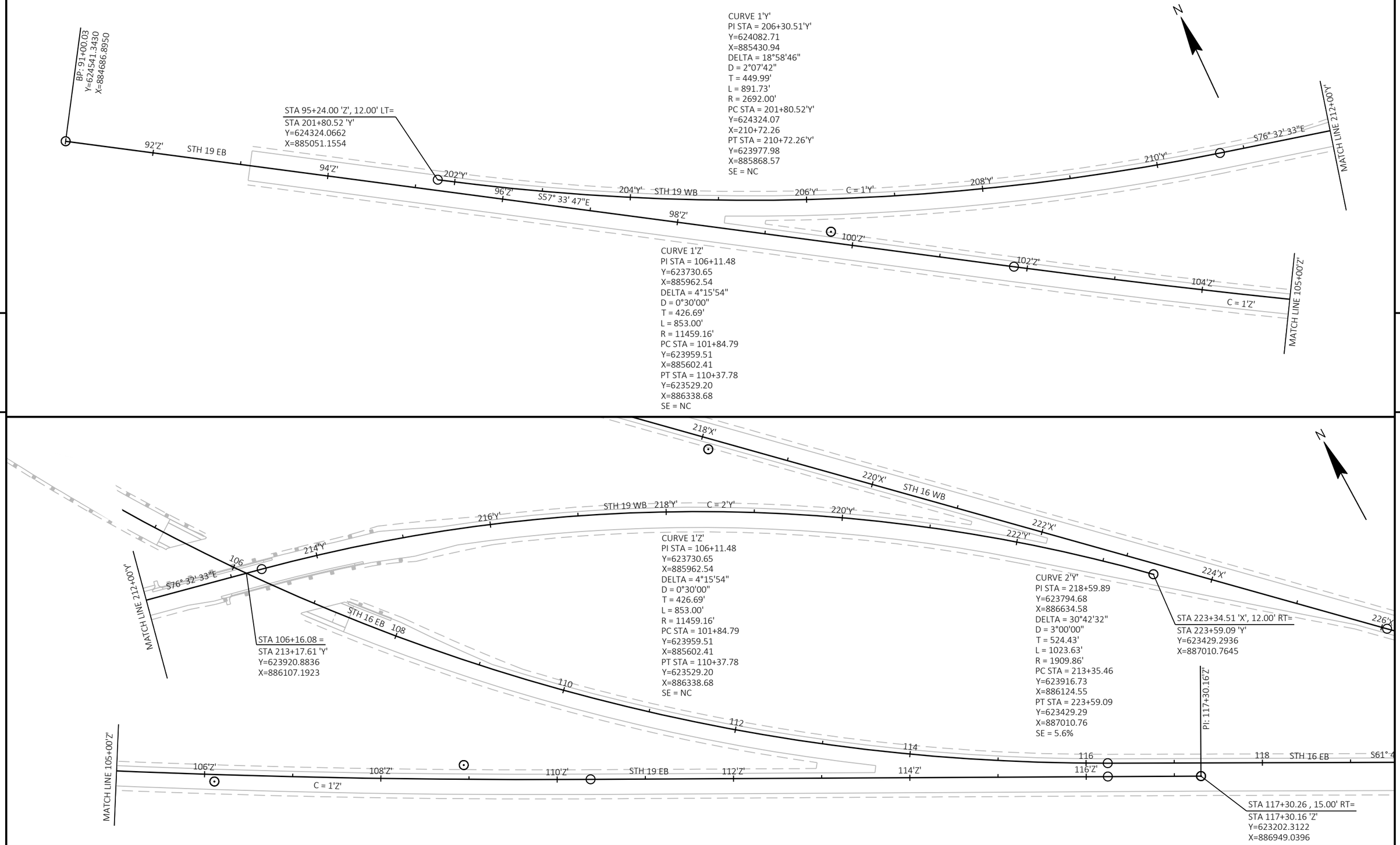
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020401-ALI-STH 16.DWG
LAYOUT NAME - 020418-ali

PLOT DATE : 8/28/2024 3:36 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:50 FT



PROJECT NO: 1300-00-76	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS - E MAIN ST ROUNDABOUT	SHEET 177 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020401-ALI-STH 16.DWG
LAYOUT NAME - 020419-ali
PLOT DATE : 8/28/2024 3:36 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

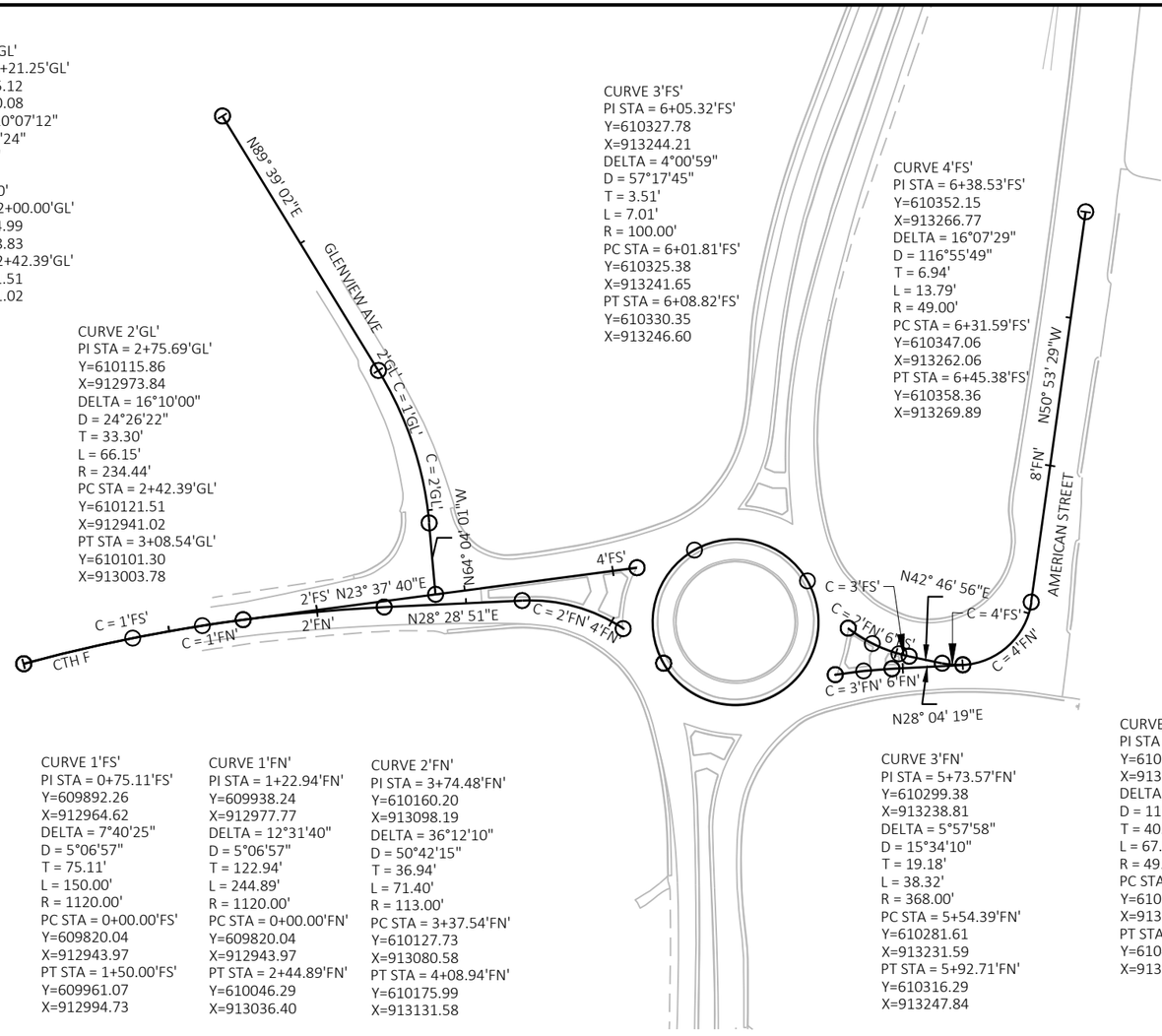


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS - STH 19 RAMPS	SHEET 178	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\020401-ALI-STH 19.DWG
LAYOUT NAME - 020420-ali

PLOT DATE : 8/28/2024 3:36 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



CURVE 1'GL'
PI STA = 2+21.25'GL'
Y=610125.12
X=912920.08
DELTA = 10°07'12"
D = 23°52'24"
T = 21.25'
L = 42.39'
R = 240.00'
PC STA = 2+00.00'GL'
Y=610124.99
X=912898.83
PT STA = 2+42.39'GL'
Y=610121.51
X=912941.02

CURVE 2'GL'
PI STA = 2+75.69'GL'
Y=610115.86
X=912973.84
DELTA = 16°10'00"
D = 24°26'22"
T = 33.30'
L = 66.15'
R = 234.44'
PC STA = 2+42.39'GL'
Y=610121.51
X=912941.02
PT STA = 3+08.54'GL'
Y=610101.30
X=913003.78

CURVE 3'FS'
PI STA = 6+05.32'FS'
Y=610327.78
X=913244.21
DELTA = 4°00'59"
D = 57°17'45"
T = 3.51'
L = 7.01'
R = 100.00'
PC STA = 6+01.81'FS'
Y=610325.38
X=913241.65
PT STA = 6+08.82'FS'
Y=610330.35
X=913246.60

CURVE 4'FS'
PI STA = 6+38.53'FS'
Y=610352.15
X=913266.77
DELTA = 16°07'29"
D = 116°55'49"
T = 6.94'
L = 13.79'
R = 49.00'
PC STA = 6+31.59'FS'
Y=610347.06
X=913262.06
PT STA = 6+45.38'FS'
Y=610358.36
X=913269.89

CURVE 1'FS'
PI STA = 0+75.11'FS'
Y=609892.26
X=912964.62
DELTA = 7°40'25"
D = 5°06'57"
T = 75.11'
L = 150.00'
R = 1120.00'
PC STA = 0+00.00'FS'
Y=609820.04
X=912943.97
PT STA = 1+50.00'FS'
Y=609961.07
X=912994.73

CURVE 1'FN'
PI STA = 1+22.94'FN'
Y=609938.24
X=912977.77
DELTA = 12°31'40"
D = 5°06'57"
T = 122.94'
L = 244.89'
R = 1120.00'
PC STA = 0+00.00'FN'
Y=609820.04
X=912943.97
PT STA = 2+44.89'FN'
Y=610046.29
X=913036.40

CURVE 2'FN'
PI STA = 3+74.48'FN'
Y=610160.20
X=913098.19
DELTA = 36°12'10"
D = 50°42'15"
T = 36.94'
L = 71.40'
R = 113.00'
PC STA = 3+37.54'FN'
Y=610127.73
X=913080.58
PT STA = 4+08.94'FN'
Y=610175.99
X=913131.58

CURVE 3'FN'
PI STA = 5+73.57'FN'
Y=610299.38
X=913238.81
DELTA = 5°57'58"
D = 15°34'10"
T = 19.18'
L = 38.32'
R = 368.00'
PC STA = 5+54.39'FN'
Y=610281.61
X=913231.59
PT STA = 5+92.71'FN'
Y=610316.29
X=913247.84

CURVE 4'FN'
PI STA = 6+80.54'FN'
Y=610393.78
X=913289.17
DELTA = 78°58'29"
D = 116°55'49"
T = 40.37'
L = 67.54'
R = 49.00'
PC STA = 6+40.16'FN'
Y=610358.16
X=913270.17
PT STA = 7+07.70'FN'
Y=610419.25
X=913257.84

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS - CTH F/AMERICAN ST ROUNDABOUT	SHEET 179	E

2

N

END CONSTRUCTION
STA 12+10.83 'EM'

L2'EM'

N67°37'59"E

L1'EM'

OAK HILL RD

N68°34'59"E

10'EM'

N68°43'37"E

9'EM'

STA 8+24.94'EM' =
STA 161+51.09 'XFR'
Y=626,627.881
X=884,981.143

8'EM'

S16°34'26"E

7'EMC = 1'EM'

CURVE 1'XFR'
PI STA = 159+29.77'XFR'
Y=626840.08
X=884917.99
DELTA = 3°19'52"
D = 1°09'51"
T = 143.10'
L = 286.12'
R = 4921.26'
PC STA = 157+86.67'XFR'
Y=626974.63
X=884869.27
PT STA = 160+72.79'XFR'
Y=626702.92
X=884958.81

CURVE 1'EM'
PI STA = 7+35.87'EM'
Y=626589.84
X=884894.63
DELTA = 24°56'15"
D = 7°45'42"
T = 163.23'
L = 321.29'
R = 738.19'
PC STA = 5+72.64'EM'
Y=626600.27
X=884731.73
PT STA = 8+93.93'EM'
Y=626649.06
X=885046.74

CURVE 2'EX'
PI STA = 81+05.42'EX'
Y=626155.55
X=884961.24
DELTA = 10°01'13"
D = 1°00'00"
T = 502.30'
L = 1002.04'
R = 5729.58'
PC STA = 76+03.12'EX'
Y=626637.63
X=884820.16
PT STA = 86+05.16'EX'
Y=625705.37
X=885184.04

END PROJECT
STA 86+14.27'EX'
Y=625,697.206
X=885,188.082

86'EX'
85'EX'
84'EX'
83'EX'
82'EX'
81'EX'
C = 2'EX'
80'EX'
79'EX'
78'EX'
77'EX'
76'EX'
75'EX'
74'EX'
73'EX'
72'EX'
71'EX'
C = 1'EX'
70'EX'

161'XFR'
160'XFR'
159'XFR'
C = 1'XFR'
158'XFR'
157'XFR'
156'XFR'

FRONTAGE RD

S19°54'19"E

STH 16

S16°18'42"E

BEGIN CONSTRUCTION
STA 158+12.54 'XFR'

STA 76+41.73'EX' =
STA 6+72.11 'EM'
Y=626,600.613
X=884,831.128

6'EM'

5'EM'

E MAIN ST

4'EM'

S86°20'08"E

3'EM'

BEGIN CONSTRUCTION
STA 4+15.70 'EM'

BEGIN PROJECT
STA 70+62.56'EX'
Y=627,156.430
X=884,668.318

CURVE 1'EX'
PI STA = 68+13.19'EX'
Y=627395.87
X=884598.27
DELTA = 2°42'38"
D = 0°30'00"
T = 271.11'
L = 542.11'
R = 11459.19'
PC STA = 65+42.08'EX'
Y=627652.17
X=884509.91
PT STA = 70+84.19'EX'
Y=627135.68
X=884674.41

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	ALIGNMENT DETAILS - EXISTING ALIGNMENTS	SHEET 180	E

Estimate Of Quantities

Line	Item	Item Description	Unit	Total	1370-00-73 Qty	1370-00-76 Qty	1370-00-77 Qty
0002	201.0105	Clearing	STA	3.000	3.000		
0004	201.0205	Grubbing	STA	3.000	3.000		
0006	203.0100	Removing Small Pipe Culverts	EACH	4.000	3.000	1.000	
0008	203.0260	Removing Structure Over Waterway Minimal Debris (structure) 01. B-28-12	EACH	1.000	1.000		
0010	204.0100	Removing Concrete Pavement	SY	125,179.000	120,089.000	5,090.000	
0012	204.0115	Removing Asphaltic Surface Butt Joints	SY	57.000	57.000		
0014	204.0120	Removing Asphaltic Surface Milling	SY	10,331.000	10,331.000		
0016	204.0150	Removing Curb & Gutter	LF	4,012.000	2,619.000	1,393.000	
0018	204.0155	Removing Concrete Sidewalk	SY	117.000		117.000	
0020	204.0180	Removing Delineators and Markers	EACH	11.000		11.000	
0022	204.0220	Removing Inlets	EACH	7.000	2.000	5.000	
0024	204.0245	Removing Storm Sewer (size) 01. 12-Inch	LF	119.000		119.000	
0026	204.0245	Removing Storm Sewer (size) 02. 24-Inch	LF	26.000	26.000		
0028	205.0100	Excavation Common	CY	244,029.000	231,098.000	12,931.000	
0030	206.1001	Excavation for Structures Bridges (structure) 01. B-28-12	EACH	1.000	1.000		
0032	210.1500	Backfill Structure Type A	TON	120.000	120.000		
0034	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 1370-00-73	EACH	1.000	1.000		
0036	213.0100	Finishing Roadway (project) 01. 1370-00-73	EACH	1.000	1.000		
0038	213.0100	Finishing Roadway (project) 02. 1370-00-76	EACH	1.000		1.000	
0040	305.0110	Base Aggregate Dense 3/4-Inch	TON	27,952.000	27,503.000	449.000	
0042	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	209,310.000	201,463.000	7,847.000	
0044	310.0110	Base Aggregate Open-Graded	TON	253.000		253.000	
0046	312.0110	Select Crushed Material	TON	176,223.000	167,000.000	9,223.000	
0048	371.2000.S	QMP Base Aggregate Dense 1 1/4-Inch Compaction	EACH	132.000	132.000		
0050	405.0100	Coloring Concrete WisDOT Red	CY	180.000		180.000	
0052	415.0090	Concrete Pavement 9-Inch	SY	7,968.000		7,968.000	
0054	415.0120	Concrete Pavement 12-Inch	SY	171.000	171.000		
0056	415.0410	Concrete Pavement Approach Slab	SY	293.000	293.000		
0058	415.2010	Concrete Truck Apron 12-inch	SY	540.000		540.000	
0060	415.4100	Concrete Pavement Joint Filling	SY	9,293.000		9,293.000	
0062	450.4000	HMA Cold Weather Paving	TON	2,760.000	2,760.000		
0064	455.0605	Tack Coat	GAL	9,654.000	9,563.000	91.000	
0066	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	2.000	2.000		
0068	460.0110.S	HMA Percent Within Limits (PWL) Test Strip Density	EACH	2.000	2.000		
0070	460.2005	Incentive Density PWL HMA Pavement	DOL	35,330.000	35,330.000		
0072	460.2007	Incentive Density HMA Pavement Longitudinal Joints	DOL	6,790.000	6,790.000		
0074	460.2010	Incentive Air Voids HMA Pavement	DOL	58,370.000	58,370.000		
0076	460.6223	HMA Pavement 3 MT 58-28 S	TON	34,360.000	34,050.000	310.000	
0078	460.6224	HMA Pavement 4 MT 58-28 S	TON	24,770.000	24,320.000	450.000	
0080	460.6424	HMA Pavement 4 MT 58-28 H	TON	1,420.000	1,420.000		
0082	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	67.000	48.000	19.000	
0084	465.0315	Asphaltic Flumes	SY	109.000	91.000	18.000	
0086	465.0510	Asphaltic Rumble Strips, Shoulder Divided Roadway	LF	12,236.000	12,236.000		
0088	465.0520	Asphaltic Rumble Strips, Shoulder	LF	58,408.000	58,030.000	378.000	
0090	465.0560	Asphaltic Rumble Strips, Centerline	LF	28,387.000	28,198.000	189.000	
0092	502.0100	Concrete Masonry Bridges	CY	496.000	496.000		
0094	502.3101	Expansion Device	LF	115.000	115.000		
0096	502.3200	Protective Surface Treatment	SY	1,288.000	1,288.000		
0098	502.3210	Pigmented Surface Sealer	SY	293.000	293.000		

Line	Item	Item Description	Unit	Total	1370-00-73 Qty	1370-00-76 Qty	1370-00-77 Qty
0100	502.4205	Adhesive Anchors No. 5 Bar	EACH	110.000	110.000		
0102	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	92,010.000	92,010.000		
0104	506.4000	Steel Diaphragms (structure) 01. B-28-12	EACH	36.000	36.000		
0106	509.1500	Concrete Surface Repair	SF	72.000	72.000		
0108	516.0500	Rubberized Membrane Waterproofing	SY	32.000	32.000		
0110	520.1012	Apron Endwalls for Culvert Pipe 12-Inch	EACH	2.000		2.000	
0112	520.3312	Culvert Pipe Class III-A 12-Inch	LF	27.000		27.000	
0114	520.8000	Concrete Collars for Pipe	EACH	2.000	1.000	1.000	
0116	521.1012	Apron Endwalls for Culvert Pipe Steel 12-Inch	EACH	1.000	1.000		
0118	521.1018	Apron Endwalls for Culvert Pipe Steel 18-Inch	EACH	8.000	8.000		
0120	521.1024	Apron Endwalls for Culvert Pipe Steel 24-Inch	EACH	5.000	5.000		
0122	521.3112	Culvert Pipe Corrugated Steel 12-Inch	LF	8.000	8.000		
0124	521.3118	Culvert Pipe Corrugated Steel 18-Inch	LF	192.000	192.000		
0126	521.3124	Culvert Pipe Corrugated Steel 24-Inch	LF	37.000	37.000		
0128	521.6118	Culvert Pipe Corrugated Steel Aluminum Coated 18-Inch	LF	298.000	298.000		
0130	522.0124	Culvert Pipe Reinforced Concrete Class III 24-Inch	LF	16.000	16.000		
0132	522.0136	Culvert Pipe Reinforced Concrete Class III 36-Inch	LF	88.000		88.000	
0134	522.1012	Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	EACH	6.000		6.000	
0136	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	2.000	1.000	1.000	
0138	522.1036	Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	EACH	2.000		2.000	
0140	522.2343	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 43x68-Inch	LF	38.000		38.000	
0142	522.2643	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 43x68-Inch	EACH	1.000		1.000	
0144	530.0112	Culvert Pipe Corrugated Polyethylene 12-Inch	LF	50.000	50.000		
0146	601.0405	Concrete Curb & Gutter 18-Inch Type A	LF	245.000		245.000	
0148	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	2,885.000		2,885.000	
0150	601.0555	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type A	LF	822.000		822.000	
0152	601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	4,641.000	4,641.000		
0154	601.0580	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type R	LF	609.000		609.000	
0156	601.0588	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type TBT	LF	158.000	158.000		
0158	602.0405	Concrete Sidewalk 4-Inch	SF	14,526.000		14,526.000	
0160	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	148.000		148.000	
0162	602.3010	Concrete Surface Drains	CY	32.000	29.000	3.000	
0164	602.3220	Concrete Rumble Strips, Shoulder	LF	1,920.000		1,920.000	
0166	604.9015.S	Reseal Crushed Aggregate Slope Paving	SY	617.000	617.000		
0168	606.0200	Riprap Medium	CY	14.000	9.000	5.000	
0170	606.0300	Riprap Heavy	CY	216.000	216.000		
0172	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	616.000	73.000	543.000	
0174	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	30.000		30.000	
0176	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	81.000	25.000	56.000	
0178	611.0420	Reconstructing Manholes	EACH	1.000		1.000	
0180	611.0530	Manhole Covers Type J	EACH	2.000	2.000		
0182	611.0600	Inlet Covers Type A	EACH	2.000		2.000	
0184	611.0624	Inlet Covers Type H	EACH	19.000	1.000	18.000	
0186	611.0652	Inlet Covers Type T	EACH	2.000		2.000	
0188	611.0654	Inlet Covers Type V	EACH	1.000	1.000		
0190	611.2004	Manholes 4-FT Diameter	EACH	2.000	2.000		
0192	611.3004	Inlets 4-FT Diameter	EACH	4.000	1.000	3.000	
0194	611.3220	Inlets 2x2-FT	EACH	3.000	1.000	2.000	
0196	611.3225	Inlets 2x2.5-FT	EACH	1.000		1.000	

Estimate Of Quantities

Line	Item	Item Description	Unit	Total	1370-00-73 Qty	1370-00-76 Qty	1370-00-77 Qty
0198	611.3230	Inlets 2x3-FT	EACH	16.000		16.000	
0200	612.0106	Pipe Underdrain 6-Inch	LF	1,861.000		1,861.000	
0202	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	200.000	200.000		
0204	614.0150	Anchor Assemblies for Steel Plate Beam Guard	EACH	4.000	4.000		
0206	614.0305	Steel Plate Beam Guard Class A	LF	150.000		150.000	
0208	614.0370	Steel Plate Beam Guard Energy Absorbing Terminal	EACH	1.000		1.000	
0210	614.0920	Salvaged Rail	LF	2,003.000	1,765.000	238.000	
0212	614.2300	MGS Guardrail 3	LF	1,413.000	1,413.000		
0214	614.2500	MGS Thrie Beam Transition	LF	276.000	276.000		
0216	614.2610	MGS Guardrail Terminal EAT	EACH	10.000	10.000		
0218	614.2620	MGS Guardrail Terminal Type 2	EACH	3.000	3.000		
0220	618.0100	Maintenance and Repair of Haul Roads (project) 01. 1370-00-73	EACH	1.000	1.000		
0222	618.0100	Maintenance and Repair of Haul Roads (project) 02. 1370-00-76	EACH	1.000		1.000	
0224	619.1000	Mobilization	EACH	1.000	0.790	0.200	0.010
0226	620.0300	Concrete Median Sloped Nose	SF	358.000	67.000	291.000	
0228	624.0100	Water	MGAL	3,350.000	3,200.000	150.000	
0230	625.0500	Salvaged Topsoil	SY	30,614.000	21,150.000	9,464.000	
0232	627.0200	Mulching	SY	10,240.000	4,976.000	5,264.000	
0234	628.1504	Silt Fence	LF	6,662.000	3,700.000	2,962.000	
0236	628.1520	Silt Fence Maintenance	LF	13,324.000	7,400.000	5,924.000	
0238	628.1905	Mobilizations Erosion Control	EACH	15.000	10.000	5.000	
0240	628.1910	Mobilizations Emergency Erosion Control	EACH	8.000	5.000	3.000	
0242	628.2002	Erosion Mat Class I Type A	SY	14,050.000	14,050.000		
0244	628.2006	Erosion Mat Urban Class I Type A	SY	4,625.000	2,125.000	2,500.000	
0246	628.2023	Erosion Mat Class II Type B	SY	1,700.000		1,700.000	
0248	628.7005	Inlet Protection Type A	EACH	25.000	3.000	22.000	
0250	628.7015	Inlet Protection Type C	EACH	25.000	3.000	22.000	
0252	628.7504	Temporary Ditch Checks	LF	9.000		9.000	
0254	628.7555	Culvert Pipe Checks	EACH	144.000	115.000	29.000	
0256	628.7570	Rock Bags	EACH	85.000		85.000	
0258	629.0205	Fertilizer Type A	CWT	72.500	65.000	7.500	
0260	630.0120	Seeding Mixture No. 20	LB	3,135.000	2,825.000	310.000	
0262	630.0500	Seed Water	MGAL	2,615.000	2,350.000	265.000	
0264	633.5200	Markers Culvert End	EACH	24.000	14.000	10.000	
0266	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	21.000	6.000	15.000	
0268	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	177.000	154.000	23.000	
0270	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	8.000	8.000		
0272	634.0620	Posts Wood 4x6-Inch X 20-FT	EACH	2.000		2.000	
0274	634.0622	Posts Wood 4x6-Inch X 22-FT	EACH	2.000		2.000	
0276	634.0624	Posts Wood 4x6-Inch X 24-FT	EACH	2.000		2.000	
0278	634.0814	Posts Tubular Steel 2x2-Inch X 14-FT	EACH	2.000	2.000		
0280	634.0816	Posts Tubular Steel 2x2-Inch X 16-FT	EACH	6.000	2.000	4.000	
0282	637.2210	Signs Type II Reflective H	SF	283.000		283.000	
0284	637.2230	Signs Type II Reflective F	SF	43.000		43.000	
0286	638.2102	Moving Signs Type II	EACH	117.000	108.000	9.000	
0288	638.2602	Removing Signs Type II	EACH	12.000	7.000	5.000	
0290	638.3000	Removing Small Sign Supports	EACH	129.000	115.000	14.000	
0292	642.5201	Field Office Type C	EACH	1.000	0.800	0.200	
0294	643.0300	Traffic Control Drums	DAY	70.000	70.000		

Line	Item	Item Description	Unit	Total	1370-00-73 Qty	1370-00-76 Qty	1370-00-77 Qty
0296	643.0420	Traffic Control Barricades Type III	DAY	19,007.000	15,283.000	3,724.000	
0298	643.0705	Traffic Control Warning Lights Type A	DAY	27,366.000	19,918.000	7,448.000	
0300	643.0900	Traffic Control Signs	DAY	181,647.000	175,263.000	6,384.000	
0302	643.0910	Traffic Control Covering Signs Type I	EACH	4.000	4.000		
0304	643.0920	Traffic Control Covering Signs Type II	EACH	23.000	23.000		
0306	643.1050	Traffic Control Signs PCMS	DAY	14.000	14.000		
0308	643.5000	Traffic Control	EACH	1.000	0.800	0.200	
0310	645.0111	Geotextile Type DF Schedule A	SY	140.000	140.000		
0312	645.0120	Geotextile Type HR	SY	54.000	36.000	18.000	
0314	645.0220	Geogrid Type SR	SY	237,727.000	223,173.000	14,554.000	
0316	646.2020	Marking Line Epoxy 6-Inch	LF	4,392.000	1,259.000	3,133.000	
0318	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	129,566.000	123,734.000	5,832.000	
0320	646.4020	Marking Line Epoxy 10-Inch	LF	558.000	288.000	270.000	
0322	646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	5,636.000	5,636.000		
0324	646.6120	Marking Stop Line Epoxy 18-Inch	LF	715.000	700.000	15.000	
0326	646.6320	Marking Dotted Extension Epoxy 18-Inch	LF	157.000	73.000	84.000	
0328	646.7120	Marking Diagonal Epoxy 12-Inch	LF	1,512.000	1,297.000	215.000	
0330	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	236.000		236.000	
0332	646.8120	Marking Curb Epoxy	LF	187.000		187.000	
0334	646.8220	Marking Island Nose Epoxy	EACH	2.000		2.000	
0336	648.0100	Locating No-Passing Zones	MI	6.610	6.610		
0338	650.4000	Construction Staking Storm Sewer	EACH	26.000	4.000	22.000	
0340	650.4500	Construction Staking Subgrade	LF	50,697.000	46,641.000	4,056.000	
0342	650.5000	Construction Staking Base	LF	50,587.000	46,531.000	4,056.000	
0344	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	5,167.000	4,517.000	650.000	
0346	650.6000	Construction Staking Pipe Culverts	EACH	10.000	8.000	2.000	
0348	650.6501	Construction Staking Structure Layout (structure) 01. B-28-12	EACH	1.000	1.000		
0350	650.7000	Construction Staking Concrete Pavement	LF	3,768.000		3,768.000	
0352	650.8501	Construction Staking Electrical Installations (project) 02. 1370-00-76	EACH	1.000		1.000	
0354	650.9000	Construction Staking Curb Ramps	EACH	8.000		8.000	
0356	650.9500	Construction Staking Sidewalk (project) 02. 1370-00-76	EACH	1.000		1.000	
0358	650.9911	Construction Staking Supplemental Control (project) 01. 1370-00-73	EACH	1.000	1.000		
0360	650.9911	Construction Staking Supplemental Control (project) 02. 1370-00-76	EACH	1.000		1.000	
0362	650.9920	Construction Staking Slope Stakes	LF	50,697.000	46,641.000	4,056.000	
0364	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	1,624.000		1,624.000	
0366	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	403.000		403.000	
0368	653.0140	Pull Boxes Steel 24x42-Inch	EACH	21.000		21.000	
0370	654.0105	Concrete Bases Type 5	EACH	17.000		17.000	
0372	654.0230	Concrete Control Cabinet Bases Type L30	EACH	1.000		1.000	
0374	655.0610	Electrical Wire Lighting 12 AWG	LF	2,397.000		2,397.000	
0376	655.0620	Electrical Wire Lighting 8 AWG	LF	9,612.000		9,612.000	
0378	656.0201	Electrical Service Meter Breaker Pedestal (location) 01. STH 16 & Main Street	EACH	1.000		1.000	
0380	657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	17.000		17.000	
0382	657.0322	Poles Type 5-Aluminum	EACH	17.000		17.000	
0384	657.0710	Luminaire Arms Truss Type 4 1/2-Inch Clamp 12-FT	EACH	17.000		17.000	
0386	659.1120	Luminaires Utility LED B	EACH	17.000		17.000	
0388	659.2130	Lighting Control Cabinets 120/240 30-Inch	EACH	1.000		1.000	
0390	690.0150	Sawing Asphalt	LF	646.000	562.000	84.000	
0392	690.0250	Sawing Concrete	LF	175.000	147.000	28.000	

					1370-00-73	1370-00-76	1370-00-77
Line	**Item**	**Item Description**	**Unit**	**Total**	**Qty**	**Qty**	**Qty**
0394	715.0502	Incentive Strength Concrete Structures	DOL	2,928.000	2,928.000		
0396	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	3,052.400	500.000	2,552.400	
0398	740.0440	Incentive IRI Ride	DOL	16,640.000	16,640.000		
0400	999.2000.S	Installing and Maintaining Bird Deterrent System (station) 01. Station 465+89	EACH	1.000	1.000		
0402	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,100.000	2,100.000		
0404	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	6,480.000	6,480.000		
0406	SPV.0035	Special 01. Culvert Pipe Liner Grout	CY	38.000	38.000		
0408	SPV.0060	Special 01. 8" Watermain Tie In, Station 10+00	EACH	1.000			1.000
0410	SPV.0060	Special 02. 12" Watermain Tie In, Station 23+22	EACH	1.000			1.000
0412	SPV.0060	Special 03. 6" Gate Valve & Box	EACH	3.000			3.000
0414	SPV.0060	Special 04. 8" Butterfly Valve & Box	EACH	1.000			1.000
0416	SPV.0060	Special 05. 12" Butterfly Valve & Box	EACH	4.000			4.000
0418	SPV.0060	Special 06. Water Main Fire Hydrant	EACH	3.000			3.000
0420	SPV.0060	Special 07. Parapet Cover Plates	EACH	1.000	1.000		
0422	SPV.0060	Special 08. Mowing Mobilization	EACH	10.000	5.000	5.000	
0424	SPV.0060	Special 09. Verify Landmark Reference Monument	EACH	1.000	1.000		
0426	SPV.0075	Special 01. Construction Site Maintenance - Mowing	HRS	90.000	80.000	10.000	
0428	SPV.0090	Special 01. Abandoning Watermain In Place by Grouting	LF	640.000			640.000
0430	SPV.0090	Special 02. Water Main Pipe, PVC C-900, 12-Inch	LF	660.000			660.000
0432	SPV.0090	Special 03. Water Main Pipe, PVC C-900, 8-Inch	LF	4.000			4.000
0434	SPV.0090	Special 04. Water Hydrant Lead, PVC C-900, 6-Inch	LF	33.000			33.000
0436	SPV.0090	Special 05. Steel Casing Pipe, 20-Inch	LF	250.000			250.000
0438	SPV.0165	Special 01. Partial Parapet Removal	SF	11.000	11.000		
0440	SPV.0180	Special 01. Abutment Seat Cleaning and Sealing	SY	34.000	34.000		
0442	SPV.0195	Special 01. Traffic Control Base Course	TON	13,500.000	13,500.000		

3

CLEARING AND GRUBBING ITEMS

PROJECT ID	CATEGORY	STATION	TO	STATION	201.0105 CLEARING STA	201.0205 GRUBBING STA
1370-00-73	0010	467+00	-	470+00	3	3
		TOTAL			3	3

REMOVAL ITEMS

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	TO	STATION	OFFSET	ALIGNMENT	203.0100 REMOVING SMALL PIPE CULVERTS EACH	204.0100 REMOVING CONCRETE PAVEMENT SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY	204.0180 REMOVING DELINEATORS AND MARKERS EACH	204.0220 REMOVING INLETS EACH	204.0245 REMOVING STORM SEWER LF	COMMENTS
1370-00-73	0010	STH 16	86+14	LT/RT	-	94+35	LT/RT		--	2,358	--	--	--	--	--	--	--	
		STH 16 EB	94+35	LT/RT	-	132+50	LT/RT		--	9,372	--	--	--	--	--	2	26	24-INCH STORM SEWER
		STH 16 WB	202+18	LT/RT	-	239+26	LT/RT	'X'	--	10,361	--	--	1,498	--	--	--	--	
		STH 19 EB	93+11	LT/RT	-	117+31	LT/RT	'Z'	--	6,019	--	--	--	--	--	--	--	
		STH 19 WB	197+56	LT/RT	-	224+68	LT/RT	'Y'	--	2,543	--	--	--	--	--	--	--	
		STH 16	132+50	LT/RT	-	403+93	LT/RT		2	72,755	--	--	861	--	--	--	--	
		STH 16	403+93	LT/RT	-	421+28	LT/RT		--	--	57	10,331	--	--	--	--	--	
		STH 16	421+28	LT/RT	-	464+61	LT/RT		--	11,557	--	--	260	--	--	--	--	
		STH 16	467+17	LT/RT	-	481+91	LT/RT		--	4,562	--	--	--	--	--	--	--	
		0010 SUBTOTAL							2	120,089	57	10,331	2,619	--	--	2	26	
1370-00-73	0050	STH 16	132+50	LT/RT	-	403+93	LT/RT		1	--	--	--	--	--	--	--	--	
		0050 SUBTOTAL							1	--	--	--	--	--	--	--	--	
		TOTAL							3	120,089	57	10,331	2,619	--	--	2	26	
1370-00-76	0010	STH 16	70+53	LT/RT	-	86+14	LT/RT	'EX'	1	5,090	--	--	--	--	11	--	--	
		MAIN ST	4+15	LT/RT	-	12+11	LT/RT	'EM'	--	--	--	--	603	--	--	2	26	12-INCH STORM SEWER
		FRONTAGE RD	158+12	LT/RT	-	161+51	LT/RT	'FR'	--	--	--	--	790	117	--	3	93	12-INCH STORM SEWER
		TOTAL							1	5,090	--	--	1,393	117	11	5	119	

BASE AGGREGATE ITEMS

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	TO	STATION	OFFSET	ALIGNMENT	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0110* SELECT CRUSHED MATERIAL TON	645.0220 GEOGRID TYPE SR SY	SPV.0195.01 TRAFFIC CONTROL BASE COURSE TON
1370-00-73	0010	STH 16	86+14	LT/RT	-	94+35	LT/RT		430	3,736	3,090	4,182	--
		STH 16 EB	94+35	LT/RT	-	132+50	LT/RT		1,913	14,012	11,429	15,467	--
		STH 16 WB	202+18	LT/RT	-	239+26	LT/RT	'X'	1,814	13,154	10,246	13,866	--
		STH 19 EB	93+11	LT/RT	-	117+31	LT/RT	'Y'	1,111	8,005	6,309	8,539	--
		STH 19 WB	197+56	LT/RT	-	224+68	LT/RT	'Z'	763	6,065	4,633	6,270	--
		STH 16	132+50	LT/RT	-	403+93	LT/RT		17,591	127,475	105,220	142,403	10,053
		STH 16	421+28	LT/RT	-	464+61	LT/RT		2,931	20,427	16,826	22,772	1,605
		STH 16	467+17	LT/RT	-	481+91	LT/RT		950	8,589	7,148	9,674	546
		UNDISTRIBUTED	132+50	LT/RT	-	481+91	LT/RT		--	--	1,307	--	1,296
		TOTAL							27,503	201,463	166,208	223,173	13,500
1370-00-76	0010	STH 16	70+53	LT/RT	-	74+11	LT/RT		109	1,115	1,450	2,290	--
		STH 16 EB	10+00	LT/RT	-	11+49	LT/RT	'NW'	10	233	271	428	--
		STH 16 EB	12+19	LT/RT	-	13+87	LT/RT	'SW'	--	259	288	455	--
		STH 16 WB	10+00	LT/RT	-	11+60	LT/RT	'SE'	--	180	287	454	--
		STH 16 WB	13+71	LT/RT	-	15+26	LT/RT	'NE'	12	235	258	408	--
		E MAIN ST EB	11+50	LT/RT	-	12+19	LT/RT	'SW'	--	71	86	135	--
		E MAIN ST EB	11+60	LT/RT	-	13+52	LT/RT	'SE'	--	209	320	505	--
		E MAIN ST WB	12+68	LT/RT	-	13+71	LT/RT	'NE'	--	133	196	309	--
		E MAIN ST WB	11+49	LT/RT	-	12+23	LT/RT	'NW'	--	77	95	150	--
		E MAIN ST	10+00	LT/RT	-	11+49	LT/RT	'RE'	--	217	411	650	--
		ROUNDABOUT CIRCLE	0+00	LT/RT	-	3+45	LT/RT	'CR'	--	611	1,161	1,834	--
		FRONTAGE RD	14+87	LT/RT	-	17+76	LT/RT	'RE'	--	953	882	1,392	--
		OAK HILL RD	10+20	LT/RT	-	13+50	LT/RT	'OH'	--	943	859	1,356	--
		STH 16	78+29	LT/RT	-	84+25	LT/RT		223	1,777	2,067	3,264	--
		STH 16	84+25	LT/RT	-	86+14	LT/RT		95	835	586	925	--
		TOTAL							449	7,847	9,217	14,554	--

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT)

PROJECT ID	CATEGORY	LOCATION	STATION	TO	STATION	211.0101 PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) EACH
1370-00-73	0010	STH 16	403+93	-	421+27	1
		TOTAL				1

QMP BASE AGGREGATE DENSE

PROJECT ID	CATEGORY	LOCATION	STATION	TO	STATION	ALIGNMENT	371.2000.S QMP BASE AGGREGATE DENSE 1 1/4-INCH COMPACTION EACH
1370-00-73	0010	STH 16	86+14	-	105+57	STH-16 EB	8
		STH 16	106+91	-	403+92	STH-16 EB	80
		STH 16	421+27	-	464+78	STH-16 EB	12
		STH 16	467+01	-	483+85	STH-16 EB	4
		STH 16	200+00	-	244+38	STH-16 WB	12
		STH 19	93+11	-	121+42	STH-19 EB	8
		STH 19	204+34	-	224+21	STH-19 WB	8
		TOTAL					132

1370-00-73 EARTHWORK SUMMARY

DIVISION	FROM/TO STATION	LOCATION	205.0100 COMMON EXCAVATION (1) CUT (2)	205.0100 COMMON EXCAVATION (1) EBS EXCAVATION (3)	SALVAGED/UNUSABLE PAVEMENT MATERIAL (4)	AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL (13) FACTOR 1.25	MASS ORDINATE +/- (14)	WASTE
BEGIN TO STH 19	86+14.27/105+39.37		7,861	786	1,139	6,722	15	-964	6,703	6,703
STH 19 TO GOPHER HILL RD	107+11.84/143+00.00		15,730	1,573	1,587	14,143	137	663	13,972	13,972
GOPHER HILL RD TO HILLTOP RD	144+00.00/344+99.44		95,351	9,535	12,627	82,724	654	3,797	81,907	81,907
HILLTOP RD TO CTH F	346+00.00/403+93.00		25,835	2,584	3,636	22,199	101	934	22,073	22,073
CTH F TO ROCK RIVER	421+27.44/464+59.09		18,888	1,889	2,720	16,168	56	660	16,098	16,098
ROCK RIVER TO END	467+18.55/483+85.13		8,427	843	1,047	7,380	452	828	6,815	6,815
STH 16 WB	200+00.00/244+00.00	'X'	15,977	1,598	1,791	14,186	9	511	14,175	14,175
STH 19 EB RAMP	93+50.00/116+24.42	'Z'	7,617	762	1,005	6,612	23	267	6,583	6,583
STH 19 WB RAMP	201+80.52/223+59.09	'Y'	7,753	775	963	6,790	219	516	6,516	6,516
GOPHER HILL RD NORTH	20+27.07/21+23.82	'A'	506	51	28	478	0	16	478	478
GOPHER HILL RD SOUTH	08+20.00/09+71.44	''A'	776	78	43	733	38	72	686	686
ASH RD	10+25.95/10+99.97	'C'	326	33	22	304	25	41	273	273
EAST GATE DR	09+06.03/09+75.00	'B'	364	36	21	343	2	14	341	341
BEGGAN LN	10+48.17/10+90.68	'D'	124	12	13	111	0	4	111	111
HUSTISFORD NORTH	10+24.61/10+91.13	'E'	340	34	19	321	173	227	105	105
HUSTISFOR SOUTH	09+30.10/09+75.76	'E'	249	25	14	235	6	15	228	228
T BAR LN	10+24.06/10+88.68	'F'	251	25	19	232	41	59	181	181
MAIN ST/CTH SC	10+24.07/11+00.00	'G'	423	42	23	400	8	23	390	390
HILLTOP RD	09+04.48/09+76.25	'H'	304	30	21	283	47	68	224	224
HIGHVIEW RD	20+24.87/20+88.66	'I'	307	31	19	288	0	10	288	288
MARIETTA AVE	09+10.21/09+75.23	'I'	304	30	18	286	0	10	286	286
HAWTHORNE DR	10+24.94/10+64.00	'J'	193	19	12	181	0	6	181	181
NORTH RD	20+25.00/20+93.93	'K'	333	33	21	312	0	10	312	312
NORTH ST	09+20.63/09+73.96	'K'	309	31	17	292	0	10	292	292
RIVER VALLEY RD NORTH	10+25.00/11+09.24	'L'	424	42	24	400	0	13	400	400
RIVER VALLEY RD SOUTH	08+63.24/09+72.40	'L'	536	54	32	504	0	17	504	504
ROCK RIVER RD NORTH	20+25.70/20+95.86	'M'	276	28	21	255	0	9	255	255
ROCK RIVER RD SOUTH	09+12.08/09+75.00	'M'	305	31	18	287	0	10	287	287
	TOTAL COMMON EXC		231,098		26,920	183,169	2,006	7,845	180,662	180,662

NOTES:
(1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100
(2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
(3) EBS EXCAVATION TO BE BACKFILLED WITH EXCAVATION COMMON OR SELECT CRUSHED MATERIAL.
(4) SALVAGED/UNUSABLE PAVEMENT MATERIAL
5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL
(13) EXPANDED FILL FACTOR = 1.25
EXPANDED FILL = (UNEXPANDED FILL) * FILL FACTOR
(14) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

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1370-00-76 EARTHWORK SUMMARY

DIVISION	FROM/TO STATION	LOCATION	205.0100 COMMON EXCAVATION (1) CUT (2)	205.0100 COMMON EXCAVATION (1) EBS EXCAVATION (3)	SALVAGED/UNUSABLE PAVEMENT MATERIAL (4)	AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL (13) FACTOR 1.25	MASS ORDINATE +/- (14)
STH 16 EB BEGIN TO ROUNDABOUT	70+52.82/75+53.00		1,488	149	0	1,488	175	70	1,232
STH 16 EB ROUNDABOUT TO END	76+94.70/86+14.20		1,829	183	0	1,829	1,193	1,308	292
STH 16 WB BEGIN TO ROUNDABOUT	178+35/183+43.37	'WB'	854	85	0	854	551	603	144
STH 16 WB ROUNDABOUT TO END	184+88.85/192+08.51	'WB'	1,569	157	0	1,569	546	526	847
E MAIN ST EB BEGIN TO ROUNDABOUT	10+00.00/11+96.46	'RE'	260	26	0	260	251	288	-60
E MAIN ST EB ROUNDABOUT TO END	13+44.53/16+25.00	'RE'	861	86	0	861	242	216	537
E MAIN ST WB BEGIN TO ROUNDABOUT	100+00.00/101+25.88	'RW'	38	4	0	38	487	605	-572
E MAIN ST WB ROUNDABOUT TO END	102+68.02/106+45.10	'RW'	432	43	0	432	732	872	-494
ROUNDABOUT CIRCLE	00+00.01/03+45.57	'CR'	79	8	0	79	3,796	4,737	-4,668
OAK HILL ROAD	10+22.28/13+50.00	'OH'	4,345	435	0	4,345	6	-427	4,229
	TOTAL COMMON EXC		12,931		0	11,755	7,979	8,798	1,487

NOTES:
(1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100
(2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
(3) EBS EXCAVATION TO BE BACKFILLED WITH EXCAVATION COMMON OR SELECT CRUSHED MATERIAL.
(4) SALVAGED/UNUSABLE PAVEMENT MATERIAL
5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL
(13) EXPANDED FILL FACTOR = X.6X
EXPANDED FILL = (UNEXPANDED FILL) * FILL FACTOR
(14) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

RELIEF TRENCHES

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	ALIGNMENT	312.0110* SELECT CRUSHED MATERIAL TON
1370-00-73	0010					
		STH 16	87+00	LT		3
		STH 16	87+00	RT		3
		STH 16	89+50	LT		3
		STH 16	89+50	RT		3
		STH 16	92+00	LT		3
		STH 16	92+00	RT		3
		STH 16	94+50	RT		3
		STH 16	97+00	RT		3
		STH 16	99+50	RT		3
		STH 16	102+00	LT		3
		STH 16	108+50	LT		3
		STH 16	111+00	LT		3
		STH 16	113+50	LT		3
		STH 16	116+00	LT		3
		STH 16	116+00	RT		3
		STH 16	118+50	LT		3
		STH 16	118+50	RT		3
		STH 16	121+00	LT		3
		STH 16	121+00	RT		3
		STH 16	123+00	RT		3
		STH 16	125+50	RT		3
		STH 16	133+00	RT		3
		STH 16	136+50	RT		3
		STH 16	139+00	LT		3
		STH 16	139+00	RT		3
		STH 16	141+50	LT		3
		STH 16	141+50	RT		3
		STH 16	144+00	LT		3
		STH 16	144+00	RT		3
		STH 16	146+50	LT		3
		STH 16	146+50	RT		3
		STH 16	149+00	LT		3
		STH 16	149+00	RT		3
		STH 16	151+50	LT		3
		STH 16	151+50	RT		3
		STH 16	154+00	LT		3
		STH 16	154+00	RT		3
		STH 16	156+50	LT		3
		STH 16	156+50	RT		3
		STH 16	159+00	LT		3
		STH 16	159+00	RT		3
		STH 16	161+50	LT		3
		STH 16	161+50	RT		3
		STH 16	164+00	LT		3
		STH 16	164+00	RT		3
		STH 16	166+50	LT		3
		STH 16	166+50	RT		3
		STH 16	169+00	LT		3
		STH 16	169+00	RT		3
		STH 16	171+50	LT		3
		STH 16	171+50	RT		3
		STH 16	174+00	LT		3
		STH 16	174+00	RT		3
		STH 16	176+50	LT		3
		STH 16	176+50	RT		3
		STH 16	179+00	LT		3
		STH 16	179+00	RT		3
		STH 16	187+00	LT		3
		STH 16	188+00	RT		3
		STH 16	188+50	LT		3
		STH 16	188+50	RT		3
		STH 16	191+00	LT		3
		STH 16	191+00	RT		3
		STH 16	193+50	LT		3
		STH 16	193+50	RT		3
		STH 16	196+00	LT		3
		STH 16	196+00	RT		3
		STH 16	198+50	LT		3
		STH 16	198+50	RT		3
		SUBTOTAL				207

RELIEF TRENCHES CONTINUED

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	ALIGNMENT	312.0110* SELECT CRUSHED MATERIAL TON
		STH 16	200+75	LT		3
		STH 16	200+75	RT		3
		STH 16	203+50	RT		3
		STH 16	206+00	LT		3
		STH 16	206+00	RT		3
		STH 16	208+50	LT		3
		STH 16	208+50	RT		3
		STH 16	211+00	LT		3
		STH 16	211+00	RT		3
		STH 16	213+50	LT		3
		STH 16	213+50	RT		3
		STH 16	216+00	LT		3
		STH 16	216+00	RT		3
		STH 16	218+50	LT		3
		STH 16	218+50	RT		3
		STH 16	221+00	LT		3
		STH 16	221+00	RT		3
		STH 16	223+50	LT		3
		STH 16	223+50	RT		3
		STH 16	226+00	LT		3
		STH 16	226+00	RT		3
		STH 16	228+50	LT		3
		STH 16	228+50	RT		3
		STH 16	231+00	LT		3
		STH 16	231+00	RT		3
		STH 16	233+50	LT		3
		STH 16	233+50	RT		3
		STH 16	236+00	LT		3
		STH 16	236+00	RT		3
		STH 16	238+50	LT		3
		STH 16	238+50	RT		3
		STH 16	241+00	LT		3
		STH 16	241+00	RT		3
		STH 16	245+50	LT		3
		STH 16	245+50	RT		3
		STH 16	248+00	LT		3
		STH 16	248+00	RT		3
		STH 16	250+50	LT		3
		STH 16	251+00	RT		3
		STH 16	253+00	LT		3
		STH 16	253+00	RT		3
		STH 16	255+50	LT		3
		STH 16	255+50	RT		3
		STH 16	258+00	LT		3
		STH 16	258+00	RT		3
		STH 16	260+50	LT		3
		STH 16	260+50	RT		3
		STH 16	263+00	LT		3
		STH 16	263+50	RT		3
		STH 16	266+00	RT		3
		STH 16	268+50	LT		3
		STH 16	268+50	RT		3
		STH 16	271+00	LT		3
		STH 16	271+00	RT		3
		STH 16	273+50	LT		3
		STH 16	273+50	RT		3
		STH 16	276+00	LT		3
		STH 16	276+00	RT		3
		STH 16	278+50	LT		3
		STH 16	278+50	RT		3
		STH 16	281+00	LT		3
		STH 16	281+00	RT		3
		STH 16	283+50	LT		3
		STH 16	283+50	RT		3
		STH 16	286+00	LT		3
		STH 16	286+00	RT		3
		STH 16	288+50	RT		3
		SUBTOTAL				201

RELIEF TRENCHES CONTINUED

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	ALIGNMENT	312.0110* SELECT CRUSHED MATERIAL TON
		STH 16	291+00	LT		3
		STH 16	291+00	RT		3
		STH 16	293+50	LT		3
		STH 16	296+00	LT		3
		STH 16	298+50	LT		3
		STH 16	301+00	LT		3
		STH 16	301+00	RT		3
		STH 16	303+50	RT		3
		STH 16	306+00	RT		3
		STH 16	308+50	RT		3
		STH 16	311+00	LT		3
		STH 16	311+00	RT		3
		STH 16	313+50	LT		3
		STH 16	316+00	LT		3
		STH 16	316+00	RT		3
		STH 16	318+00	RT		3
		STH 16	318+50	LT		3
		STH 16	321+00	LT		3
		STH 16	321+00	RT		3
		STH 16	323+50	LT		3
		STH 16	323+50	RT		3
		STH 16	326+00	LT		3
		STH 16	326+00	RT		3
		STH 16	328+50	LT		3
		STH 16	328+50	RT		3
		STH 16	330+50	LT		3
		STH 16	330+50	RT		3
		STH 16	332+50	LT		3
		STH 16	335+00	LT		3
		STH 16	337+50	LT		3
		STH 16	339+50	LT		3
		STH 16	342+00	LT		3
		STH 16	344+50	LT		3
		STH 16	347+00	LT		3
		STH 16	349+50	LT		3
		STH 16	352+00	LT		3
		STH 16	359+00	LT		3
		STH 16	361+00	LT		3
		STH 16	363+50	LT		3
		STH 16	363+50	RT		3
		STH 16	366+00	LT		3
		STH 16	366+00	RT		3
		STH 16	368+50	LT		3
		STH 16	368+50	RT		3
		STH 16	371+00	LT		3
		STH 16	371+00	RT		3
		STH 16	373+50	LT		3
		STH 16	373+50	RT		3
		STH 16	376+00	RT		3
		STH 16	378+50	RT		3
		STH 16	381+00	RT		3
		STH 16	383+50	RT		3
		STH 16	385+00	RT		3
		STH 16	387+50	RT		3
		STH 16	390+00	RT		3
		STH 16	392+50	RT		3
		STH 16	395+00	RT		3
		STH 16	397+50	RT		3
		STH 16	400+00	RT		3
		STH 16	402+50	RT		3
		STH 16	421+30	LT		3
		STH 16	421+30	RT		3
		STH 16	423+50	LT		3
		STH 16	423+50	RT		3
		STH 16	426+00	LT		3
		STH 16	426+00	RT		3
		STH 16	428+50	LT		3
		SUBTOTAL				201

RELIEF TRENCHES CONTINUED

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	ALIGNMENT	312.0110* SELECT CRUSHED MATERIAL TON
		STH 16	428+50	RT		3
		STH 16	431+00	LT		3
		STH 16	433+50	LT		3
		STH 16	436+00	LT		3
		STH 16	438+50	LT		3
		STH 16	440+50	LT		3
		STH 16	443+50	LT		3
		STH 16	446+00	LT		3
		STH 16	448+50	LT		3
		STH 16	451+00	LT		3
		STH 16	453+50	LT		3
		STH 16	456+00	LT		3
		STH 16	458+50	LT		3
		STH 16	458+50	RT		3
		STH 16	461+00	LT		3
		STH 16	461+00	RT		3
		STH 16	463+50	LT		3
		STH 16	463+50	RT		3
		STH 16	469+00	LT		3
		STH 16	469+00	RT		3
		STH 16	471+50	LT		3
		STH 16	471+50	RT		3
		STH 16	474+00	LT		3
		STH 16	474+00	RT		3
		STH 16	476+50	LT		3
		STH 16	476+50	RT		3
		STH 16	478+50	LT		3
		STH 16	478+50	RT		3
		STH 16	202+00	LT	'X'	3
		STH 16	204+50	LT	'X'	3
		STH 16	206+21	LT	'X'	3
		STH 16	208+75	LT	'X'	3
		STH 16	211+25	LT	'X'	3
		STH 16	213+50	LT	'X'	3
		STH 16	215+25	LT	'X'	3
		STH 16	217+00	LT	'X'	3
		STH 16	219+50	LT	'X'	3
		STH 16	222+00	LT	'X'	3
		STH 16	224+50	LT	'X'	3
		STH 16	227+00	LT	'X'	3
		STH 16	229+50	LT	'X'	3
		STH 16	232+00	LT	'X'	3
		STH 16	234+50	LT	'X'	3
		STH 16	236+25	LT	'X'	3
		STH 16	238+75	LT	'X'	3
		STH 16	241+25	LT	'X'	3
		STH 19	94+00	RT	'Z'	3
		STH 19	96+50	RT	'Z'	3
		STH 19	99+00	RT	'Z'	3
		STH 19	101+50	RT	'Z'	3
		STH 19	104+00	RT	'Z'	3
		STH 19	106+00	RT	'Z'	3
		STH 19	108+50	RT	'Z'	3
		STH 19	111+00	RT	'Z'	3
		STH 19	113+50	RT	'Z'	3
		STH 19	202+50	LT	'Y'	3
		STH 19	205+00	LT	'Y'	3
		STH 19	207+50	LT	'Y'	3
		STH 19	210+00	LT	'Y'	3
		STH 19	216+00	RT	'Y'	3
		STH 19	221+00	RT	'Y'	3
		SUBTOTAL				186
		TOTAL				795
1370-00-76	0010	STH 16	84+25	LT		3
		STH 16	84+25	RT		3
		TOTAL				6

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CONCRETE PAVEMENT ITEMS

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	TO	STATION	OFFSET	ALIGNMENT	405.0100 COLORING CONCRETE WISDOT RED CY	415.0090 CONCRETE PAVEMENT 9-INCH SY	415.0120 CONCRETE PAVEMENT 12-INCH SY	415.0410 CONCRETE PAVEMENT APPROACH SLAB SY	415.2010 CONCRETE TRUCK APRON 12-INCH SY	415.4100 CONCRETE PAVEMENT JOINT FILLING SY	602.3220 CONCRETE RUMBLE STRIPS, SHOULDER LF
1370-00-73	0010	STH 16	105+11	RT	-	105+25	RT		--	--	6	--	--	--	--
		STH 16	105+11	LT	-	105+55	LT		--	--	24	--	--	--	--
		STH 16	105+11	LT/RT	-	150+40	LT/RT		--	--	--	76	--	--	--
		STH 16	106+93	RT	-	107+43	RT		--	--	28	--	--	--	--
		STH 16	107+30	LT	-	107+43	LT		--	--	4	--	--	--	--
		STH 16	107+12	LT/RT	-	107+43	LT/RT		--	--	--	83	--	--	--
		STH 16	464+35	LT	-	464+46	LT		--	--	11	--	--	--	--
		STH 16	464+35	RT	-	464+75	RT		--	--	51	--	--	--	--
		STH 16	464+35	LT/RT	-	464+60	LT/RT		--	--	--	67	--	--	--
		STH 16	467+06	LT	-	467+44	LT		--	--	34	--	--	--	--
		STH 16	467+35	RT	-	467+44	RT		--	--	13	--	--	--	--
		STH 16	467+19	LT/RT	-	467+44	LT/RT		--	--	--	67	--	--	--
		TOTAL							--	--	171	293	--	--	--
1370-00-76	0010	STH 16	70+53	LT/RT	-	74+11	LT/RT		--	1,361	--	--	--	1,501	716
		STH 16 EB	10+00	LT/RT	-	11+49	LT/RT	'NW'	6	309	--	--	19	356	--
		STH 16 EB	12+19	LT/RT	-	13+87	LT/RT	'SW'	--	306	--	--	--	434	--
		STH 16 WB	10+00	LT/RT	-	11+60	LT/RT	'SE'	15	328	--	--	46	379	--
		STH 16 WB	13+71	LT/RT	-	15+26	LT/RT	'NE'	--	284	--	--	--	425	--
		E MAIN ST EB	11+44	LT/RT	-	12+19	LT/RT	'SW'	--	111	--	--	--	152	--
		E MAIN ST EB	11+60	LT/RT	-	13+52	LT/RT	'SE'	--	389	--	--	--	473	--
		E MAIN ST WB	12+68	LT/RT	-	13+71	LT/RT	'NE'	30	240	--	--	90	288	--
		E MAIN ST WB	11+49	LT/RT	-	12+23	LT/RT	'NW'	--	130	--	--	--	206	--
		E MAIN ST	10+73	LT/RT	-	11+44	LT/RT	'RE'	--	245	--	--	--	292	--
		ROUNDABOUT CIRCLE	0+00	LT/RT	-	3+45	LT/RT	'CR'	128	974	--	--	385	1,085	--
		FRONTAGE RD	14+87	LT/RT	-	17+76	LT/RT	'RE'	--	1,074	--	--	--	1,254	--
		OAK HILL RD	10+20	LT/RT	-	13+50	LT/RT	'OH'	--	203	--	--	--	203	--
		STH 16	78+23	LT/RT	-	84+25	LT/RT		--	2,014	--	--	--	2,245	1,204
		TOTAL							180	7,968	--	--	540	9,293	1,920

ASPHALTIC ITEMS

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	TO	STATION	OFFSET	ALIGNMENT	455.0605 TACK COAT GAL	460.6424 HMA PAVEMENT 4 MT 58-28 H TON	460.6223 HMA PAVEMENT 3 MT 58-28 S TON	460.6224 HMA PAVEMENT 4 MT 58-28 S TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	465.0315 ASPHALTIC FLUMES SY	465.0510 ASPHALTIC RUMBLE STRIPS, SHOULDER DIVIDED ROADWAY LF	465.0520 ASPHALTIC RUMBLE STRIPS, SHOULDER LF	465.0560 ASPHALTIC RUMBLE STRIPS, CENTERLINE LF	COMMENTS
1370-00-73	0010	STH 16	86+14	LT/RT	-	94+35	LT/RT		163	--	630	450	--	--	437	1,204	602	
		STH 16 EB	94+35	LT/RT	-	132+50	LT/RT		562	--	2,160	1,550	--	14	5,717	--	--	
		STH 16 WB	202+18	LT/RT	-	239+26	LT/RT	'X'	498	--	1,920	1,370	--	--	6,082	--	--	
		STH 19 EB	93+11	LT/RT	-	117+31	LT/RT	'Z'	307	--	1,180	840	--	--	--	426	213	
		STH 19 WB	197+56	LT/RT	-	224+68	LT/RT	'Y'	235	--	910	650	--	--	--	--	--	
		STH 16	132+50	LT/RT	-	403+93	LT/RT		5,160	--	19,870	14,190	17	59	--	--	22,657	
		STH 16	403+93	LT/RT	-	421+27	LT/RT		723	1,420	--	--	--	--	--	--	--	
		STH 16	421+27	LT/RT	-	464+34	LT/RT		809	--	3,120	2,230	13	9	--	--	3,882	
		STH 16	467+44	LT/RT	-	481+91	LT/RT		382	--	1,470	1,050	18	9	--	--	844	
		0010 TOTAL							8,839	1,420	31,260	22,330	48	91	12,236	1,630	28,198	
1370-00-73	0040	STH 16	136+06	LT/RT	-	403+93	LT/RT		595	--	2,290	1,640	--	--	--	47,000	--	
		STH 16	421+28	LT/RT	-	464+34	LT/RT		96	--	370	260	--	--	--	7,341	--	
		STH 16	467+44	LT/RT	-	481+91	LT/RT		33	--	130	90	--	--	--	2,059	--	
		0040 TOTAL							724	--	2,790	1,990	--	--	--	56,400	--	
		TOTAL							9,563	1,420	34,050	24,320	48	91	12,236	58,030	28,198	
1370-00-76	0010	E MAIN ST	10+00	LT/RT	-	10+74	LT/RT	'RE'	12	--	--	60	--	--	--	--	--	
		FRONTAGE RD	17+65	LT/RT	-	17+76	LT/RT	'RE'	2	--	10	10	--	--	--	--	--	
		OAK HILL RD	10+80	LT/RT	-	13+50	LT/RT	'OH'	41	--	160	110	19	--	--	--	--	Shoulders
		STH 16	70+52	LT/RT	-	74+37	LT/RT		--	--	--	90	--	9	--	--	--	Shoulders
		STH 16	78+23	LT/RT	-	84+25	LT/RT		--	--	--	80	--	9	--	--	--	
		STH 16	84+25	LT/RT	-	86+14	LT/RT		36	--	140	100	--	--	--	378	189	
		TOTAL							91	--	310	450	19	18	--	378	189	

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HMA MIXTURE ACCEPTANCE

LOCATION	STA	MIXTURE USE	UNDERLYING SURFACE	BID ITEM	TONS	THICKNESS	QUALITY MANAGEMENT PROGRAM TO BE USED FOR:		
							MIXTURE ACCEPTANCE	DENSITY ACCEPTANCE	LONGITUDINAL JOINTS
STH 16 WB RAMP	202+18'X' - 239+26'X'	UPPER LAYER	3 MT 58-28 S	4 MT 58-28 S	1,370	2 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005	PWL INCENTIVE DENSITY HMA PAVEMENT LONGITUDINAL JOINTS 460.2007
STH 19 WB RAMP	197+56'Y' - 224+68'Y'	UPPER LAYER	3 MT 58-28 S	4 MT 58-28 S	640	2 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005	PWL INCENTIVE DENSITY HMA PAVEMENT LONGITUDINAL JOINTS 460.2007
STH 19 EB RAMP	93+11'Z' - 117+31'Z'	UPPER LAYER	3 MT 58-28 S	4 MT 58-28 S	840	2 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005	PWL INCENTIVE DENSITY HMA PAVEMENT LONGITUDINAL JOINTS 460.2007
STH 16 EB 12' DRIVING LANE	86+14 - 403+93	UPPER LAYER	3 MT 58-28 S	4 MT 58-28 S	5455	2 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005	PWL INCENTIVE DENSITY HMA PAVEMENT LONGITUDINAL JOINTS 460.2007
STH 16 WB 12' DRIVING LANE	86+14 - 403+93	UPPER LAYER	3 MT 58-28 S	4 MT 58-28 S	5455	2 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005	PWL INCENTIVE DENSITY HMA PAVEMENT LONGITUDINAL JOINTS 460.2007
STH 16 EB SHOULDERS, SIDEROADS, BEAMGUARD WIDENINGS, BYPASS LANES, TURN LANES	86+14 - 403+93	UPPER LAYER	3 MT 58-28 S	4 MT 58-28 S	3440	2 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE	NOT ELIGIBLE FOR INCENTIVE
STH 16 WB SHOULDERS, SIDEROADS, BEAMGUARD WIDENINGS, BYPASS LANES, TURN LANES	86+14 - 403+93	UPPER LAYER	3 MT 58-28 S	4 MT 58-28 S	3470	2 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE	NOT ELIGIBLE FOR INCENTIVE
MILL AND OVERLAY	403+93 - 421+27	UPPER LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 H	1420	2 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE BY ORDINARY COMPACTION	PWL INCENTIVE DENSITY HMA PAVEMENT LONGITUDINAL JOINTS 460.2007
STH 16 EB 12' DRIVING LANE	421+27 - 483+85	UPPER LAYER	3 MT 58-28 S	4 MT 58-28 S	1090	2 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005	PWL INCENTIVE DENSITY HMA PAVEMENT LONGITUDINAL JOINTS 460.2007
STH 16 WB 12' DRIVING LANE	421+27 - 483+85	UPPER LAYER	3 MT 58-28 S	4 MT 58-28 S	1090	2 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005	PWL INCENTIVE DENSITY HMA PAVEMENT LONGITUDINAL JOINTS 460.2007
STH 16 EB SHOULDERS, SIDEROADS, BEAMGUARD WIDENINGS, BYPASS LANES, TURN LANES	421+27 - 483+85	UPPER LAYER	3 MT 58-28 S	4 MT 58-28 S	720	2 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE	NOT ELIGIBLE FOR INCENTIVE
STH 16 WB SHOULDERS, SIDEROADS, BEAMGUARD WIDENINGS, BYPASS LANES, TURN LANES	421+27 - 483+85	UPPER LAYER	3 MT 58-28 S	4 MT 58-28 S	740	2 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE	NOT ELIGIBLE FOR INCENTIVE

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HMA MIXTURE ACCEPTANCE CONTINUED

LOCATION	STA	MIXTURE USE	UNDERLYING SURFACE	BID ITEM	TONS	THICKNESS	QUALITY MANAGEMENT PROGRAM TO BE USED FOR:		
							MIXTURE ACCEPTANCE	DENSITY ACCEPTANCE	LONGITUDINAL JOINTS
STH 16 WB RAMP	202+18'X' - 239+26'X'	LOWER LAYER	BASE AGGREGATE	3 MT 58-28-S	1,920	3 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005	PWL INCENTIVE DENSITY HMA PAVEMENT LONGITUDINAL JOINTS 460.2007
STH 19 WB RAMP	197+56'Y' - 224+68'Y'	LOWER LAYER	BASE AGGREGATE	3 MT 58-28-S	890	3 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005	PWL INCENTIVE DENSITY HMA PAVEMENT LONGITUDINAL JOINTS 460.2007
STH 19 EB RAMP	93+11'Z' - 117+31'Z'	LOWER LAYER	BASE AGGREGATE	3 MT 58-28-S	1180	3 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005	PWL INCENTIVE DENSITY HMA PAVEMENT LONGITUDINAL JOINTS 460.2007
STH 16 EB 12' DRIVING LANE	86+14 - 403+93	LOWER LAYER	BASE AGGREGATE	3 MT 58-28-S	7635	3 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005	PWL INCENTIVE DENSITY HMA PAVEMENT LONGITUDINAL JOINTS 460.2007
STH 16 WB 12' DRIVING LANE	86+14 - 403+93	LOWER LAYER	BASE AGGREGATE	3 MT 58-28-S	7635	3 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005	PWL INCENTIVE DENSITY HMA PAVEMENT LONGITUDINAL JOINTS 460.2007
STH 16 EB SHOULDERS, SIDEROADS, BEAMGUARD WIDENINGS, BYPASS LANES, TURN LANES	86+14 - 403+93	LOWER LAYER	BASE AGGREGATE	3 MT 58-28-S	4820	3 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE	NOT ELIGIBLE FOR INCENTIVE
STH 16 WB SHOULDERS, SIDEROADS, BEAMGUARD WIDENINGS, BYPASS LANES, TURN LANES	86+14 - 403+93	LOWER LAYER	BASE AGGREGATE	3 MT 58-28-S	4850	3 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE	NOT ELIGIBLE FOR INCENTIVE
STH 16 EB 12' DRIVING LANE	421+27 - 483+85	LOWER LAYER	BASE AGGREGATE	3 MT 58-28-S	1525	3 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005	PWL INCENTIVE DENSITY HMA PAVEMENT LONGITUDINAL JOINTS 460.2007
STH 16 WB 12' DRIVING LANE	421+27 - 483+85	LOWER LAYER	BASE AGGREGATE	3 MT 58-28-S	1525	3 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005	PWL INCENTIVE DENSITY HMA PAVEMENT LONGITUDINAL JOINTS 460.2007
STH 16 EB SHOULDERS, SIDEROADS, BEAMGUARD WIDENINGS, BYPASS LANES, TURN LANES	421+27 - 483+85	LOWER LAYER	BASE AGGREGATE	3 MT 58-28-S	1000	3 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE	NOT ELIGIBLE FOR INCENTIVE
STH 16 WB SHOULDERS, SIDEROADS, BEAMGUARD WIDENINGS, BYPASS LANES, TURN LANES	421+27 - 483+85	LOWER LAYER	BASE AGGREGATE	3 MT 58-28-S	1020	3 1/2"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE	NOT ELIGIBLE FOR INCENTIVE

PWL ITEMS

			460.0105.S	460.0110.S
PROJECT ID	CATEGORY	LOCATION	HMA PERCENT WITHIN LIMITS (PWL) TEST STRIP VOLUMETRICS EACH	HMA PERCENT WITHIN LIMITS (PWL) TEST STRIP DENSITY EACH
1370-00-73	0010	STH 16	2	2
		TOTAL	2	2

CULVERT PIPES (METAL)

									520.1012	520.3312	521.1018	521.1024	521.3118	521.3124	521.6118	633.5200*	650.6000*	
											APRON ENDWALLS FOR CULVERT PIPE STEEL		CULVERT PIPE CORRUGATED STEEL		CULVERT PIPE CORRUGATED STEEL ALUMINUM COATED			
PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	MINIMUM THICKNESS INCHES	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE	APRON ENDWALLS FOR CULVERT PIPE 12-INCH EACH	CULVERT PIPE CLASS III-A 12-INCH LF	18-INCH EACH	24-INCH EACH	18-INCH LF	24-INCH LF	18-INCH LF	MARKERS CULVERT END EACH	CONSTRUCTION STAKING PIPE CULVERTS EACH	COMMENTS
1370-00-73	0010	ASH RD	181+51	55' LT	0.064	859.73	858.89	0.0143	--	--	--	2	--	8	--	2	1	PIPE EXTENSIONS
		T-BAR LN	266+20	44' LT	0.064	850.73	849.72	0.0144	--	--	2	--	70	--	--	2	1	
		HILLTOP RD	333+97	39' RT	0.064	853.84	853.55	0.0029	--	--	2	--	99	--	--	2	1	
		HIGHVIEW RD	353+67	52' LT	0.064	860.16	859.70	0.0065	--	--	--	2	--	23	--	2	1	PIPE EXTENSIONS
		MARIETTA AVE	354+09	60' RT	0.064	863.05	862.57	0.0086	--	--	--	1	--	6	--	1	1	PIPE EXTENSION
		HAWTHORNE DR	369+37	40' LT	0.064	870.86	870.24	0.0089	--	--	2	--	23	--	--	2	1	PIPE EXTENSIONS
		0010 SUBTOTAL							--	--	6	5	192	37	--	11	6	
1370-00-73	0050	STH 16	324+81	--	0.064	842.44	842.43	0.0000	--	--	2	--	--	--	298	2	1	
		0050 SUBTOTAL							--	--	2	--	--	--	298	2	1	
		TOTAL							--	--	8	5	192	37	298	13	7	
1370-00-76	0010	OAK HILL RD	11+67	29' RT	0.064	855.00	854.71	0.0111	2	27	--	--	--	--	--	--	--	
		TOTAL							2	27	--	--	--	--	--	--	--	

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

NOTE
1) STATION OFFSETS SHOWN ARE TO THE CENTER OF INLET STRUCTURES OR END OF PIPE AT APRON ENDWALLS (NOT INCLUDING LENGTH OF ENDWALL).

CULVERT PIPES (NON-METAL)

									520.8000	522.0124	522.0136	522.1024*	522.1036	522.2343	522.2643	633.5200*	650.6000*	SPV.0035.01	
										CULVERT PIPE REINFORCED CONCRETE CLASS III		APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE							
PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	ALIGNMENT	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE	CONCRETE COLLARS FOR PIPE EACH	24-INCH LF	36-INCH LF	24-INCH EACH	36-INCH EACH	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 43X68-INCH LF	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 43X68-INCH EACH	MARKERS CULVERT END EACH	CONSTRUCTION STAKING PIPE CULVERTS EACH	CULVERT PIPE LINER GROUT CY	COMMENTS
1370-00-73	0010	GOPHER HILL RD	134+48	58' RT		840.92	839.96	0.0100	1	16	--	1	--	--	--	1	1	--	PIPE EXTENSION
		STH 16	325+44	--		844.53	844.21	0.0190	--	--	--	--	--	--	--	--	--	38	
		TOTAL							1	16	--	1	--	--	--	1	1	38	
1370-00-76	0010	E MAIN ST	100+71	--	'RW'	835.97	835.51	0.0122	1	--	--	--	--	38	1	1	1	--	
		STH 16	79+18	--		839.05	835.53	0.0400	--	--	88	--	2	--	--	2	1	--	
		TOTAL							1	--	88	--	2	38	1	3	2	--	

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

NOTE
1) STATION OFFSETS SHOWN ARE TO THE CENTER OF INLET STRUCTURES OR END OF PIPE AT APRON ENDWALLS (NOT INCLUDING LENGTH OF ENDWALL).

STORM SEWER ITEMS

								521.1012	521.3112	522.1012	522.1024*	530.0112	608.0312	608.0318	608.0324	633.5200*	
								APRON ENDWALLS FOR CULVERT PIPE STEEL 12-INCH	CULVERT PIPE CORRUGATED STEEL 12-INCH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE		CULVERT PIPE CORRUGATED POLYETHYLENE 12-INCH	STORM SEWER PIPE REINFORCED CONCRETE CLASS III			MARKERS CULVERT END	
PROJECT ID	CATEGORY	LOCATION	FROM STRUCTURE	TO STRUCTURE	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE (FT/FT)	EACH	LF	12-INCH EACH	24-INCH EACH	LF	12-INCH LF	18-INCH LF	24-INCH LF	EACH	COMMENTS
1370-00-73	0010	STH 16	11.1	11.2				1	--	--	--	50	--	--	--	--	DROP INLET
		STH 16	10.3	10.3				--	8	--	--	--	--	--	--	--	REPLACEMENT PIPE
		STH 16	10.1	10.2	837.21	836.87	0.0050	--	--	--	--	--	73	--	--	--	
		STH 16	10.2	10.3	835.86	385.76	0.0050	--	--	--	--	--	--	--	25		
		TOTAL						1	8	--	--	50	73	--	25	--	
1370-00-76	0010	FRONTAGE RD	1.1	E1.2	841.60	840.11	0.0865			--	--		21	--	--	--	
		FRONTAGE RD	1.3	E1.2	841.39	840.87	0.0502	--	--	--	--	--	14	--	--	--	
		OAK HILL RD	2.1	2.2	855.00	854.70	0.0111	--	--	--	--	--	--	--	--		
		E MAIN ST	3.1	3.2	841.82	841.72	0.0050	--	--	--	--	--	25	--	--	--	
		E MAIN ST	3.2	3.3	841.70	841.52	0.0050	--	--	--	--	--	40	--	--	--	
		E MAIN ST	3.3	3.4	841.50	841.39	0.0050	--	--	--	--	--	25	--	--	--	
		E MAIN ST	3.4	3.5	841.38	841.25	0.0050	--	--	1	--	--	26	--	--	1	
		STH 16	4.1	4.2	839.14	839.08	0.0050	--	--	--	--	--	16	--	--	--	
		STH 16	4.2	4.3	839.07	838.93	0.0050	--	--	1	--	--	31	--	--	1	
		E MAIN ST	5.1	5.2	839.69	839.66	0.0050	--	--	--	--	--	9	--	--	--	
		E MAIN ST	5.2	5.3	839.65	839.52	0.0041	--	--	1	--	--	34	--	--	1	
		E MAIN ST	6.1	6.2	839.42	839.24	0.0050	--	--	--	--	--	39	--	--	--	
		E MAIN ST	6.2	6.3	839.23	839.10	0.0050	--	--	--	--	--	31	--	--	--	
		E MAIN ST	6.3	6.7	838.59	838.46	0.0050	--	--	--	--	--	--	30	--	--	
		E MAIN ST	6.4	6.3	839.22	839.10	0.0050	--	--	--	--	--	29	--	--	--	
		E MAIN ST	6.5	6.6	839.28	839.18	0.0030	--	--	--	--	--	38	--	--	--	
		E MAIN ST	6.6	6.7	839.17	839.08	0.0030	--	--	--	--	--	35	--	--	--	
		E MAIN ST	6.7	6.8	838.07	837.97	0.0030	--	--	--	--	--	--	--	38	--	
		E MAIN ST	6.8	6.9	837.96	837.92	0.0030	--	--	--	1	--	--	--	18	1	
		STH 16	7.1	7.2	839.80	839.78	0.0050	--	--	--	--	--	8	--	--	--	
		STH 16	7.2	7.3	839.77	839.50	0.0050	--	--	1	--	--	57	--	--	1	
		STH 16	8.1	8.2	840.00	839.85	0.0050	--	--	1	--	--	31	--	--	1	
		STH 16	9.1	9.2	839.40	839.24	0.0050	--	--	1	--	--	34	--	--	1	
TOTAL								--	--	6	1	--	543	30	56	7	

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SANITARY SEWER

PROJECT ID	CATEGORY	STA	TO	STA	LOCATION	SPV.0090.05 STEEL CASING PIPE, 20-INCH LF
1370-00-77	0020	11+65	-	12+65	STH 16	100
	0020	21+32	-	19+82	E. MAIN STREET	150
					TOTAL	250

WATERMAIN

PROJECT ID	CATEGORY	STA	TO	STA	LOCATION	SPV.0060.01 8" WATERMAIN TIE IN, STATION 10+00 EA	SPV.0060.02 12" WATERMAIN TIE IN, STATION 23+22 EA	SPV.0060.03 6" GATE VALVE & BOX EA	SPV.0060.04 8" BUTTERFLY VALVE AND BOX EA	SPV.0060.05 12" BUTTERFLY VALVE AND BOX EA	SPV.0060.06 WATER MAIN FIRE HYDRANT EA	SPV.0090.01 ABANDONING WATERMAIN IN PLACE BY GROUTING LF	SPV.0090.02 WATER MAIN PIPE, PVC C-900, 12-INCH LF	SPV.0090.03 WATER MAIN PIPE, PVC, C-900, 8-INCH LF	SPV.0090.04 WATER HYDRANT LEAD, PVC C-900, 6-INCH LF
1370-00-77	0020	10+00	-	13+47	STH 16	1	--	1	1	--	1	--	--	--	--
	0020	20+00	-	23+22	E. MAIN STREET	--	1	2	--	4	2	640	660	4	33
					TOTAL	1	1	3	1	4	3	640	660	4	33

CONCRETE CURB & GUTTER

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	TO	STATION	OFFSET	ALIGNMENT	601.0405 CONCRETE CURB & GUTTER 18-INCH TYPE A LF	601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A LF	601.0555 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A LF	601.0557 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D LF	601.0580 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R LF	601.0588 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBT LF
1370-00-73	0010	STH 16	107+37	LT	-	107+88	LT		--	--	--	--	--	52
		STH 16	122+90	LT/RT	-	126+81	LT/RT		--	--	--	588	--	--
		STH 16	127+41	LT/RT	-	132+50	LT/RT		--	--	--	1,027	--	--
		STH 19 WB	212+21	LT/RT	-	214+50	LT/RT	'Y'	--	--	--	282	--	--
		Gopher Hill Road	135+00	LT/RT					--	--	--	303	--	--
		Ash Road/Gate Dr	181+75	LT/RT					--	--	--	290	--	--
		Beggan Lane	203+75	LT					--	--	--	145	--	--
		Hustisford Road	243+25	LT/RT					--	--	--	250	--	--
		T-Bar Lane	266+25	LT					--	--	--	149	--	--
		Main Street	289+00	LT					--	--	--	141	--	--
		Hilltop Road	334+00	RT					--	--	--	151	--	--
		Highview Rd/Marietta Ave	354+00	LT/RT					--	--	--	314	--	--
		Hawthorne Drive	369+50	LT					--	--	--	96	--	--
		North Road/North Street	391+50	LT/RT					--	--	--	305	--	--
		River Valley Road	442+00	LT/RT					--	--	--	275	--	--
		STH 16	467+08	LT	-	467+61	LT		--	--	--	--	--	53
		STH 16	467+46	RT	-	468+00	RT		--	--	--	--	--	53
		Rock River Road	480+00	LT/RT					--	--	--	324	--	--
		TOTAL							--	--	--	4,641	--	158
1370-00-76	0010	North Median	73+59	LT	-	75+53	LT		--	346	74	--	--	--
		South Median	79+98	LT	-	80+34	LT		--	354	338	--	--	--
		West Median	11+43	LT	-	11+95	LT	'RE'	--	--	122	--	--	--
		East Median	13+44	LT	-	14+91	LT	'RE'	--	--	288	--	--	--
		STH 16 EB	10+00	LT/RT	-	11+49	LT/RT	'NW'	--	86	--	--	55	--
		STH 16 EB	11+50	LT/RT	-	13+87	LT/RT	'SW'	--	385	--	--	--	--
		STH 16 WB	10+00	LT/RT	-	11+60	LT/RT	'SE'	--	76	--	--	78	--
		STH 16 WB	13+71	LT/RT	-	15+26	LT/RT	'NE'	--	135	--	--	--	--
		E MAIN ST EB	11+60	LT/RT	-	13+52	LT/RT	'SE'	--	253	--	--	--	--
		E MAIN ST WB	12+68	LT/RT	-	13+71	LT/RT	'NE'	--	--	--	--	143	--
		E MAIN ST WB	11+49	LT/RT	-	12+23	LT/RT	'NW'	--	228	--	--	--	--
		ROUNDABOUT CIRCLE	0+00	LT/RT	-	3+45	LT/RT	'RC'	245	--	--	--	333	--
		FRONTAGE RD	14+87	LT/RT	-	17+76	LT/RT	'RE'	--	541	--	--	--	--
		OAK HILL RD	10+20	LT/RT	-	13+50	LT/RT	'OH'	--	481	--	--	--	--
		TOTAL							245	2,885	822	--	609	--

CONCRETE SIDEWALK

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	TO	STATION	OFFSET	ALIGNMENT	602.0405 CONCRETE SIDEWALK 4-INCH SF
1370-00-76	0010	North Median	73+59	LT	-	75+53	LT		2,241
		South Median	79+98	LT	-	80+34	LT		4,338
		West Median	11+43	LT	-	11+95	LT	'RE'	531
		East Median	13+44	LT	-	14+91	LT	'RE'	2,586
		E MAIN ST WB	11+97	RT	-	13+72	RT	'NW'	1,110
		STH 16 EB	11+64	RT	-	12+96	RT	'SW'	1,052
		E MAIN ST EB	11+11	RT	-	12+68	RT	'SE'	1,662
		Frontage Rd	15+24	RT	-	17+20	RT	'RE'	1,006
		TOTAL							14,526

CURB RAMP DETECTABLE WARNING FIELDS

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	TO	STATION	OFFSET	ALIGNMENT	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF
1370-00-76	0010	North Median	73+59	LT	-	75+53	LT		--
		South Median	79+98	LT	-	80+34	LT		32
		West Median	11+43	LT	-	11+95	LT	'RE'	32
		East Median	13+44	LT	-	14+91	LT	'RE'	--
		E MAIN ST WB	11+97	LT	-	13+72	LT	'NW'	16
		STH 16 EB	11+64	RT	-	12+96	RT	'SW'	32
		E MAIN ST EB	11+11	RT	-	12+68	RT	'SE'	26
		Frontage Rd	15+24	RT	-	17+20	RT	'RE'	10
		TOTAL							148

CONCRETE SURFACE DRAINS

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	TO	STATION	OFFSET	ALIGNMENT	602.3010 CONCRETE SURFACE DRAINS CY	COMMENTS
1370-00-73	0010	STH 16	467+50	LT	-	467+55	LT		1	
		STH 16	467+88	RT	-	467+93	RT		1	
		STH 19 WB	212+35	LT	-	212+46	LT	'Y'	1	
		STH 19 WB	212+83	RT	-	212+96	RT	'Y'	1	
		Gopher Hill Road	135+00	LT/RT					1	
		E Gate Drive	181+75	LT/RT					6	4 TOTAL
		Beggan Ln	203+75	LT					3	2 TOTAL
		Hilltop Rd	334+00	RT					3	2 TOTAL
		Highview Rd/Marietta Ave	354+00	LT/RT					4	3 TOTAL
		Hawthorne Dr	369+50	LT					1	
		North Road/North Street	391+50	LT/RT					1	
		River Valley Road	442+00	LT/RT					3	2 TOTAL
		Rock River Rd/Old Hi-Way Ln	480+00	LT/RT					3	2 TOTAL
		TOTAL							29	
1370-00-76	0010	Oak Hill Rd	10+20'OH'	LT/RT	-	13+50'OH'	LT/RT	'OH'	3	2 TOTAL
		TOTAL							3	

RECONSTRUCTING MANHOLES & INLETS

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	ALIGNMENT	STRUCTURE NUMBER	EXISTING RIM ELEVATION	PROPOSED RIM ELEVATION	611.0420 RECONSTRUCTING MANHOLES EACH
1370-00-76	0010	E MAIN ST	105+63.20	3.43' RT	'RW'	E1.2	845.22	846.75	1
		TOTAL							1

STORM SEWER STRUCTURES

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	ALIGNMENT	STRUCTURE NUMBER	RIM ELEVATION	INVERT ELEVATION	DEPTH	611.0530 MANHOLE COVERS: MANHOLE COVERS TYPE J EACH	611.0600 INLET COVERS: INLET COVERS TYPE A EACH	611.0624 INLET COVERS: INLET COVERS TYPE H EACH	611.0652 INLET COVERS: INLET COVERS TYPE T EACH	611.0654 INLET COVERS: INLET COVERS TYPE V EACH	611.2004 MANHOLES: MANHOLES 4-FT DIAMETER EACH	611.3004 INLETS: INLETS 4-FT DIAMETER EACH	611.3220 INLETS: INLETS 2X2-FT EACH	611.3225 INLETS: INLETS 2X2.5-FT EACH	611.3230 INLETS: INLETS 2X3-FT EACH	650.4000 CONSTRUCTION STAKING STORM SEWER EACH
1370-00-73	0010	STH 16	107+79.70	15.45 LT		11.1	849.37	835.00	4.37	--	--	--	--	1	--	--	1	--	--	1
		STH 16	127+96.48	6.25' LT		10.1	841.16	835.94	4.23	--	--	1	--	--	--	1	--	--	--	1
		STH 16	127+26.48	26.59' LT		10.2	840.88	835.87	5.01	1	--	--	--	--	1	--	--	--	--	1
		STH 16	127+25.76	1.74' LT		10.3	841.53	835.50	4.79	1	--	--	--	--	1	--	--	--	--	1
		TOTAL								2	--	1	--	1	2	1	1	--	--	4
1370-00-76	0010	FRONTAGE ROAD	105+66.48	17.00' LT	'RW'	1.1	846.23	839.49	5.65	--	1	--	--	--	--	--	1	--	--	1
		FRONTAGE ROAD	105+60.97	17.00' RT	'RW'	1.3	847.03	839.39	6.55	--	1	--	--	--	--	--	1	--	--	1
		E MAIN ST	102+78.87	23.36' LT	'RW'	3.1	846.10	841.83	3.43	--	--	1	--	--	--	--	--	--	1	1
		E MAIN ST	102+74.71	1.03' RT	'RW'	3.2	846.22	841.71	3.68	--	--	1	--	--	--	--	--	--	1	1
		E MAIN ST	13+51.99	1.00' LT	'RE'	3.3	846.38	841.33	4.05	--	--	1	--	--	--	--	--	--	1	1
		E MAIN ST	13+53.79	23.63' RT	'RE'	3.4	846.47	841.38	4.26	--	--	1	--	--	--	--	--	--	1	1
		STH 16	181+76.15	1.00' RT	'X'	4.1	843.15	839.15	3.17	--	--	1	--	--	--	--	--	--	1	1
		STH 16	73+94.95	2.23' LT		4.2	843.20	839.07	3.30	--	--	1	--	--	--	1	--	--	--	1
		E MAIN ST	100+78.42	1.00' RT	'RW'	5.1	843.72	839.70	3.19	--	--	1	--	--	--	--	--	--	1	1
		E MAIN ST	11+52.90	1.04' LT	'RE'	5.2	843.72	839.65	3.23	--	--	1	--	--	--	--	--	--	1	1
		E MAIN ST	99+34.72	15.04' LT	'RW'	6.1	843.53	839.43	3.27	--	--	1	--	--	--	--	--	--	1	1
		E MAIN ST	99+74.36	15.00' LT	'RW'	6.2	842.90	839.23	2.83	--	--	1	--	--	--	--	--	--	1	1
		E MAIN ST	100+05.79	15.08' LT	'RW'	6.3	842.72	838.60	3.33	--	--	1	--	--	--	--	--	--	1	1
		E MAIN ST	100+36.38	15.00' LT	'RW'	6.4	842.92	839.06	2.86	--	--	1	--	--	--	--	--	--	1	1
		E MAIN ST	10+09.84	15.00' RT	'RE'	6.5	843.57	839.11	3.45	--	--	1	--	--	--	--	--	--	1	1
		E MAIN ST	10+46.95	14.97' RT	'RE'	6.6	842.93	839.17	2.92	--	--	1	--	--	--	--	--	--	1	1
		E MAIN ST	10+81.29	15.18' RT	'RE'	6.7	842.70	838.08	3.88	--	--	1	--	--	--	--	--	--	1	1
		E MAIN ST	11+18.89	15.62' RT	'RE'	6.8	842.93	837.96	4.22	--	--	1	--	--	--	--	--	--	1	1
		E MAIN ST	0+98.34	1.00' LT	'CR'	7.1	844.29	839.64	3.56	--	--	--	1	--	--	--	1	--	--	1
		E MAIN ST	1+05.96	1.0' LT	'CR'	7.2	844.36	839.77	3.67	--	--	--	1	--	--	1	--	--	--	1
		STH 16	78+36.84	1.0' LT		8.1	844.52	840.00	3.68	--	--	1	--	--	--	--	--	--	1	1
		STH 16	186+63.03	1.2' RT	'X'	9.1	844.71	839.25	4.46	--	--	1	--	--	--	1	--	--	--	1
		TOTAL								--	2	18	2	--	--	3	2	1	16	22

NOTE

1) STATIONS SHOWN ARE TO THE CENTER OF STRUCTURE

2) OFFSETS ARE TO THE FLANGE LINE FOR STRUCTURES IN THE ROADWAY WITH INLET GRATES AND TO THE CENTER OF COVER FOR FIELD INLETS AND MANHOLES WITH SOLID LIDS

3) RIM ELEVATIONS ARE GIVEN AT THE FLANGE LINE FOR INLET GRATES OR THE CENTER OF THE MANHOLE COVER FOR MANHOLES

4) DEPTH = RIM ELEVATION - INVERT - CASTING HEIGHT - ADJUSTMENT
CASTING HEIGHT = 0.75 FT FOR J COVERS; 0.5 FT FOR HM AND S COVERS; 0.83 FT FOR TYPE V COVERS; 0.67 FOR TYPE B COVERS; 0 FT FOR TYPE MS COVERS
ADJUSTMENT (RINGS) = 0.33 FT FOR B, V, J, HM, AND S COVERS; 0 FT FOR TYPE MS COVERS

RIPRAP MEDIUM

PROJECT ID	CATEGORY	STATION	OFFSET	606.0200 RIPRAP MEDIUM CY	645.0120 GEOTEXTILE TYPE HR SY
1370-00-73	0010	107+79	LT	2	10
		467+52	LT	3	13
		467+90	RT	3	13
		TOTAL		9	36
1370-00-76	0010	79+18	RT	5	18
		TOTAL		5	18

DRAIN TILE ITEMS

PROJECT ID	CATEGORY	LOCATION	STATION	TO	STATION	ALIGNMENT	310.0110 BASE AGGREGATE OPEN-GRADED TON	612.0106 PIPE UNDERDRAIN 6-INCH LF
1370-00-76	0010	RAB CENTER	0+00	-	3+45	'CR'	48	327
		East Median	13+52	-	14+91	'RE'	21	139
		NW Curb Return	10+00	-	13+73	'NW'	44	372
		SW Curb Return	10+00	-	13+87	'SW'	46	386
		SE Curb Return	10+00	-	12+03	'SE'	30	202
		NE Curb Return	10+91	-	15+26	'NE'	64	435
		TOTAL					253	1,861

SALVAGED RAIL

PROJECT ID	CATEGORY	LOCATION	STATION	TO	STATION	OFFSET	ALIGNMENT	614.0920 SALVAGED RAIL LF
1370-00-73	0010	STH 16	103+70	-	105+15	RT		146
		STH 16	104+54	-	105+54	LT		99
		STH 16	106+93	-	107+74	RT		81
		STH 16	107+33	-	108+30	LT		96
		STH 16	122+61	-	128+54	RT		592
		STH 16	463+20	-	464+36	LT		116
		STH 16	463+58	-	464+73	RT		115
		STH 16	467+06	-	468+21	LT		115
		STH 16	467+44	-	468+59	RT		115
		STH 19 WB	212+75	-	214+69	LT	'Y'	194
		STH 19 WB	213+08	-	214+05	RT	'Y'	96
		TOTAL						1,765
1370-00-76	0010	STH 16	70+53	-	72+91	RT	'EX'	238
		TOTAL						238

GUARDRAIL ITEMS

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	TO	STATION	OFFSET	ALIGNMENT	614.0305 STEEL PLATE BEAM GUARD CLASS A LF	614.0370 STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL EACH	614.2300 MGS GUARDRAIL 3 LF	614.2500 MGS THRIE BEAM TRANSITION LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH	614.2620 MGS GUARDRAIL TERMINAL TYPE 2 EACH
1370-00-73	0010	STH 16	102+64	RT		105+15	RT		--	--	162.5	39.4	1	--
		STH 16	103+65	LT		105+55	LT		--	--	100.0	39.4	1	--
		STH 16	107+34	LT		107+99	LT		--	--	25.0	39.4	--	1
		STH 16	122+53	RT		128+54	RT		--	--	500.0	--	2	--
		STH 16	462+84	LT		464+36	LT		--	--	62.5	39.4	1	--
		STH 16	463+35	RT		464+75	RT		--	--	50.0	39.4	1	--
		STH 16	467+06	LT		468+46	LT		--	--	50.0	39.4	1	--
		STH 16	467+45	RT		468+85	RT		--	--	50.0	39.4	1	--
		STH 19	212+00	LT		214+74	LT	'Y'	--	--	225.0	--	1	1
		STH 19	212+75	RT		215+10	RT	'Y'	--	--	187.5	--	1	1
		TOTAL							--	--	1413	276	10	3
1370-00-76	0010	STH 16	70+41	RT	-	72+41	RT		150	1	--	--	--	--
		TOTAL							150	1	--	--	--	--

CONCRETE MEDIAN NOSE

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	TO	STATION	OFFSET	ALIGNMENT	620.0300 CONCRETE MEDIAN SLOPED NOSE TYPE 1 SF
1370-00-73	0010	STH 16	132+45	LT	-	132+54	LT		67
		TOTAL							67
1370-00-76	0010	STH 16	73+58	LT	-	73+67	LT		81
		STH 16	80+26	LT	-	80+35	LT		74
		E MAIN ST	11+43	LT	-	11+51	LT	'RE'	68
		E MAIN ST	14+84	LT	-	14+92	LT	'RE'	68
		TOTAL							291

EROSION CONTROL MOBILIZATIONS

PROJECT ID	CATEGORY	LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
1370-00-73	0010	PROJECT	10	5
		TOTAL	10	5
1370-00-76	0010	PROJECT	5	3
		TOTAL	5	3

3

RESTORATION ITEMS

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	TO	STATION	OFFSET	ALIGNMENT	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	628.2002 EROSION MAT CLASS I TYPE A SY	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	628.2023 EROSION MAT CLASS II TYPE B SY	629.0205 FERTILIZER TYPE A CWT	630.0120 SEEDING MIXTURE NO. 20 LB	630.0500 SEED WATER MGAL
1370-00-73	0010	STH 16	86+14	LT/RT	-	94+35	LT/RT		1,104	387	717	--	--	1.4	60	50
		STH 16	94+35	LT/RT	-	132+50	LT/RT		818	163	655	--	--	5.3	229	190
		STH 16 WB	202+18	LT/RT	-	239+26	LT/RT	'X'	399	76	323	--	--	5.7	244	203
		STH 19 EB	93+11	LT/RT	-	117+31	LT/RT	'Z'	234	45	189	--	--	2.1	90	75
		STH 19 WB	197+56	LT/RT	-	224+68	LT/RT	'Y'	130	130	--	--	--	2.1	92	76
		STH 16	132+50	LT/RT	-	403+93	LT/RT		12,826	2,131	10,695	--	--	35.5	1,522	1,265
		STH 16	403+93	LT/RT	-	421+28	LT/RT		--	--	--	--	--	--	--	--
		STH 16	421+28	LT/RT	-	464+61	LT/RT		582	118	218	246	--	5.0	216	180
		STH 16	467+17	LT/RT	-	481+91	LT/RT		1,950	268	--	1,683	--	2.4	104	86
		UNDISTRIBUTED							3,107	1,658	1,253	196	--	6	268	225
		TOTAL							21,150	4,976	14,050	2,125	--	65	2,825	2,350
1370-00-76	0010	STH 16	70+52	RT	-	76+95	RT		1,271	1,132	--	--	139	0.9	38	32
		STH 16	76+95	RT	-	86+14	RT		2,314	--	--	2,254	60	1.3	55	46
		STH 16	178+35	LT	-	183+42	LT	'X'	931	700	--	--	232	0.6	26	21
		STH 16	184+90	LT	-	188+14	LT	'X'	688	688	--	--	--	0.9	40	34
		E MAIN ST	10+00	RT	-	12+00	RT	'RE'	--	--	--	--	--	0.2	8	6
		E MAIN ST	12+00	RT	-	14+89	RT	'RE'	669	--	--	--	669	0.5	19	16
		E MAIN ST	99+30	LT	-	101+26	LT	'RW'	469	381	--	--	87	0.2	10	9
		E MAIN ST	102+68	LT	-	103+77	LT	'RW'	193	193	--	--	--	0.1	5	4
		CIRCLE	0+00	RT	-	3+45	RT	'CR'	521	521	--	--	--	0.3	14	12
		FRONTAGE RD	14+89	RT/LT	-	17+76	RT/LT	'RE'	809	684	--	--	125	0.5	23	19
		OAK HILL RD	10+26	RT/LT	-	10+80	RT/LT	'OH'	759	682	--	--	77	1.0	41	41
		UNDISTRIBUTED							840	283	--	246	311	1.0	31	25
		TOTAL							9,464	5,264	--	2,500	1,700	7.5	310	265

EROSION CONTROL ITEMS

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	TO	STATION	OFFSET	ALIGNMENT	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.7005 INLET PROTECTION TYPE A EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH	628.7570 ROCK BAGS EACH
1370-00-73	0010	STH 16	94+35	LT/RT	-	132+50	LT/RT		1,231	2,462	3	3	--	--	--
		STH 16	421+28	LT/RT	-	464+61	LT/RT		532	1,064	--	--	--	--	--
		STH 16	467+17	LT/RT	-	481+91	LT/RT		1,204	2,408	--	--	--	--	--
		STH 16	86+14	LT/RT	-	481+91	LT/RT		--	--	--	--	--	104	--
		UNDISTRIBUTED							733	1,466	--	--	--	11	--
		TOTAL							3,700	7,400	3	3	--	115	--
1370-00-76	0010	STH 16	70+52	RT	-	76+95	RT		457	914	1	1	--	--	17
		STH 16	76+95	RT	-	86+14	RT		705	1,410	1	1	--	--	17
		STH 16	178+35	LT	-	183+42	LT	'X'	524	1,048	1	1	1	6	--
		STH 16	184+90	LT	-	188+14	LT	'X'	--	--	1	1	--	7	--
		E MAIN ST	10+00	RT	-	12+00	RT	'RE'	216	432	5	5	3	--	34
		E MAIN ST	12+00	RT	-	14+89	RT	'RE'	--	--	2	2	--	--	--
		E MAIN ST	99+30	LT	-	101+26	LT	'RW'	219	438	5	5	--	15	17
		E MAIN ST	102+68	LT	-	103+77	LT	'RW'	--	--	2	2	--	--	--
		CIRCLE	0+00	RT	-	3+45	RT	'CR'	--	--	2	2	--	--	--
		FRONTAGE RD	14+89	RT/LT	-	17+76	RT/LT	'RE'	276	552	2	2	--	--	--
		OAK HILL RD	10+26	RT/LT	-	10+80	RT/LT	'OH'	--	--	--	--	5	1	--
		UNDISTRIBUTED							565	1,130	--	--	--	--	--
		TOTAL							2,962	5,924	22	22	9	29	85

TYPE II SIGNS AND SUPPORTS

PROJECT ID	CATEGORY	SIGN NUMBER	SIGN CODE	SIGN SIZE	SIGN TYPE	SIGN DIM. W X H IN	X	IN	DESCRIPTION	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	634.0622 POSTS WOOD 4X6-INCH X 22-FT EACH	634.0624 POSTS WOOD 4X6-INCH X 24-FT EACH	634.0814 POSTS TUBULAR STEEL 2X2-INCH X 14-FT EACH	634.0816 POSTS TUBULAR STEEL 2X2-INCH X 16-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	SIGN MOUNTED ON SAME POST AS SIGN NO.
1370-00-73	0010	M5-01	W6-1	2S	II	36	X	36	DIVIDED HIGHWAY SYMBOL	--	1	--	--	--	--	--	--	--	--	
		M5-02				36	X	36	NO ENGINE BRAKING EXCEPT IN EMERGENCY	--	1	--	--	--	--	--	--	--	--	
		M5-03	W6-3	2S	II	36	X	36	TWO-WAY TRAFFIC SYMBOL	--	1	--	--	--	--	--	--	--	--	
		M6-01	R5-1	2S	II	30	X	30	DO NOT ENTER	--	1	--	--	--	--	--	--	--	--	
		M6-02	I-2-3	2	II	60	X	24	MUNICIPALITY POPULATION SIGN WATERTOWN	--	2	--	--	--	--	--	--	--	--	
		M6-03	R4-7	2S	II	24	X	30	KEEP RIGHT SYMBOL	--	1	--	--	--	--	--	--	--	--	
		-	W5-54	2S	II	18	X	18	IN ROAD OBJECT MARKER	--	--	--	--	--	--	--	--	--	--	M6-03
		M6-04	R5-1A	2S	II	36	X	24	WRONG WAY	--	1	--	--	--	--	--	--	--	--	
		M6-05	W6-2	2S	II	36	X	36	DIVIDED HIGHWAY SYMBOL	--	1	--	--	--	--	--	--	--	--	
		M6-06	R2-1	2S	II	24	X	30	SPEED LIMIT 55 MPH	--	1	--	--	--	--	--	--	--	--	
		M7-02	W4-1-R	2S	II	36	X	36	THRU TRAFFIC MERGE LEFT SYMBOL	--	1	--	--	--	--	--	--	--	--	
		M7-03	W5-52R	2S	II	12	X	36	BRIDGE HASH MARKS	--	--	--	--	--	--	1	--	--	--	
		M7-04	W5-52L	2S	II	12	X	36	BRIDGE HASH MARKS	--	--	--	--	--	--	1	--	--	--	
		M9-01	D1-1		II	66	X	15	DESTINATION DIRECTIONAL SIGN	1	1	--	--	--	--	--	--	--	--	
		M9-02	D1-1		II	66	X	15	DESTINATION DIRECTIONAL SIGN	1	1	--	--	--	--	--	--	--	--	
		M9-03	M1-6	2	II	24	X	24	STH ROUTE MARKER 2 DIGITS	--	--	1	--	--	--	--	--	--	--	
		-	D9-2	2S	II	24	X	24	HOSPITAL SYMBOL	--	--	--	--	--	--	--	--	--	--	M9-03
		-	M6-1	2S	II	21	X	21	DIRECTIONAL ARROWS FOR J ASSEMBLIES	--	--	--	--	--	--	--	--	--	--	M9-03
		-	MB6-1	2S	II	21	X	21	STRAIGHT ARROW AHEAD	--	--	--	--	--	--	--	--	--	--	M9-03
		-	M3-4	2S	II	24	X	12	CARDINAL DIRECTION MARKER FOR J ASSEMBLY WEST	--	--	--	--	--	--	--	--	--	--	M9-03
		M9-04	M3-4	2S	II	24	X	12	CARDINAL DIRECTION MARKER FOR J ASSEMBLY WEST	--	--	1	--	--	--	--	--	--	--	
		-	M1-6	2	II	24	X	24	STH ROUTE MARKER 2 DIGITS	--	--	--	--	--	--	--	--	--	--	M9-04
		-	M5-2L	2S	II	21	X	21	ADVANCE TURN ARROW FOR J ASSEMBLIES	--	--	--	--	--	--	--	--	--	--	M9-04
		M9-05	W6-2	2S	II	36	X	36	DIVIDED HIGHWAY SYMBOL	--	1	--	--	--	--	--	--	--	--	
		M9-06	D1-60		II	60	X	24	TYPE 2 STREET SIGNS W/ARROWS GOPHER HILL RD	--	2	--	--	--	--	--	--	--	--	
		M9-07	R5-1A	2S	II	36	X	24	WRONG WAY	--	1	--	--	--	--	--	--	--	--	
		M9-08	M2-1	2S	II	21	X	15	JCT	--	1	--	--	--	--	--	--	--	--	
		-	M1-5-A	2	II	24	X	24	CTH ROUTE MARKER 2 LETTERS	--	--	--	--	--	--	--	--	--	--	M9-08
		M10-01	R4-7	2S	II	24	X	30	KEEP RIGHT SYMBOL	--	1	--	--	--	--	--	--	--	--	
		-	W5-54	2S	II	18	X	18	IN ROAD OBJECT MARKER	--	--	--	--	--	--	--	--	--	--	M10-01
		M10-02	I-55-56	2	II	30	X	18	ADOPT-A-HIGHWAY SCOUTS BSA TROOP 11 WATERTOWN	--	1	--	--	--	--	--	--	--	--	
		M10-03	R5-1A	2S	II	30	X	30	DO NOT ENTER	--	1	--	--	--	--	--	--	--	--	
		M10-04	I-55-56	2	II	30	X	18	ADOPT-A-HIGHWAY SPONSOR IN MEMORY OF CLARKE ARNOLD	--	1	--	--	--	--	--	--	--	--	
		M10-05	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M10-06	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M11-01	W6-3	2S	II	36	X	36	TWO-WAY TRAFFIC SYMBOL	--	1	--	--	--	--	--	--	--	--	
		M11-02	M3-2	2S	II	24	X	12	CARDINAL DIRECTION MARKER FOR J ASSEMBLY EAST	--	1	--	--	--	--	--	--	--	--	
		-	M1-6	2	II	24	X	24	STH ROUTE MARKER 2 DIGITS	--	--	--	--	--	--	--	--	--	--	M11-02
		M11-03	D1-60		II	60	X	24	TYPE 2 STREET SIGNS W/ARROWS GOPHER HILL RD	--	2	--	--	--	--	--	--	--	--	
		M11-04	W14-3	2S	II	48	X	36	NO PASSING ZONE	--	1	--	--	--	--	--	--	--	--	
		M11-05	W6-1	2S	II	36	X	36	DIVIDED HIGHWAY SYMBOL	--	1	--	--	--	--	--	--	--	--	
		M11-06	R2-1	2S	II	24	X	30	SPEED LIMIT 55 MPH	--	1	--	--	--	--	--	--	--	--	
		M11-07	D2-2		II	66	X	15	DESTINATION DISTANCE	1	1	--	--	--	--	--	--	--	--	
		M12-01	D1-2		II	66	X	15	DESTINATION DIRECTIONAL	1	1	--	--	--	--	--	--	--	--	
		M12-02	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M12-03	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M13-01	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M13-02	W14-1	2S	II	30	X	30	DEAD END	--	1	--	--	--	--	--	--	--	--	
		M13-03	I-55-56	2S	II	30	X	18	ADOPT-A-HIGHWAY SPONSOR CROSS LUTHERN IXONIA	--	1	--	--	--	--	--	--	--	--	
		M13-04	I-55-56	2S	II	30	X	18	ADOPT-A-HIGHWAY SPONSOR IN MEMORY OF CLARKE ARNOLD	--	1	--	--	--	--	--	--	--	--	
		M14-01	W10-2	2S	II	36	X	36	RR AT INTERSECTION RIGHT SYMBOL	--	1	--	--	--	--	--	--	--	--	
		M14-02	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M14-03	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M14-04	W10-2	2S	II	36	X	36	RR AT INTERSECTION LEFT SYMBOL	--	1	--	--	--	--	--	--	--	--	
		M15-01	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M15-02	W14-1	2S	II	30	X	30	DEAD END	--	1	--	--	--	--	--	--	--	--	
		M16-01	M2-1	2S	II	21	X	15	JCT	--	1	--	--	--	--	--	--	--	--	
		-	M1-5-A	2	II	24	X	24	CTH ROUTE MARKER 2 LETTERS	--	--	--	--	--	--	--	--	--	--	M16-01
		M16-02	W14-3	2S	II	48	X	36	NO PASSING ZONE	--	1	--	--	--	--	--	--	--	--	
		M16-03	I-55-56	2	II	30	X	18	ADOPT-A-HIGHWAY SPONSOR CROSS LUTHERN IXONIA	--	1	--	--	--	--	--	--	--	--	
		M16-04	M3-4	2S	II	24	X	12	CARDINAL DIRECTION MARKER FOR J ASSEMBLY WEST	--	--	--	--	--	--	--	--	--	--	
		-	M1-6	2S	II	24	X	24	STH ROUTE MARKER 2 DIGITS	--	1	--	--	--	--	--	--	--	--	M16-04
		M16-05	M1-6	2S	II	24	X	24	STH ROUTE MARKER 2 DIGITS	--	1	--	--	--	--	--	--	--	--	
		-	M6-4	2S	II	21	X	21	DOUBLE DIRECTIONAL ARROWS FOR J ASSEMBLIES	--	--	--	--	--	--	--	--	--	--	M16-05
		M16-06	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
SUBTOTAL										4	51	2	--	--	--	2	--	--	--	

TYPE II SIGNS AND SUPPORTS CONTINUED

PROJECT ID	CATEGORY	SIGN NUMBER	SIGN CODE	SIGN SIZE	SIGN TYPE	SIGN DIM. W X H IN	X	IN	DESCRIPTION	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	634.0622 POSTS WOOD 4X6-INCH X 22-FT EACH	634.0624 POSTS WOOD 4X6-INCH X 24-FT EACH	634.0814 POSTS TUBULAR STEEL 2X2-INCH X 14-FT EACH	634.0816 POSTS TUBULAR STEEL 2X2-INCH X 16-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	SIGN MOUNTED ON SAME POST AS SIGN NO.
		M16-07	M1-5-A	2	II	24	X	24	CTH ROUTE MARKER 2 LETTERS	--	1	--	--	--	--	--	--	--	--	
		-	M6-1	2S	II	21	X	21	DIRECTIONAL ARROWS FOR J ASSEMBLIES	--	--	--	--	--	--	--	--	--	--	M16-07
		M16-08	W1-7	2S	II	48	X	24	TWO-DIRECTION LARGE ARROW	--	1	--	--	--	--	--	--	--	--	
		M16-09	M1-5-A	2	II	24	X	24	CTH ROUTE MARKER 2 LETTERS	--	1	--	--	--	--	--	--	--	--	
		-	M6-1	2S	II	21	X	21	DIRECTIONAL ARROWS FOR J ASSEMBLIES	--	--	--	--	--	--	--	--	--	--	M16-9
		M16-10	M3-2	2S	II	24	X	12	CARDINAL DIRECTION MARKER FOR J ASSEMBLY EAST	--	1	--	--	--	--	--	--	--	--	
		-	M1-6	2	II	24	X	24	STH ROUTE MARKER 2 DIGITS	--	--	--	--	--	--	--	--	--	--	M16-10
		M16-11	I-55-56	2	II	30	X	18	ADOPT-A-HIGHWAY SPONSOR IXONIA VICTORY 4-H CLUB	--	1	--	--	--	--	--	--	--	--	
		M16-12	M2-1	2S	II	21	X	15	JCT	--	1	--	--	--	--	--	--	--	--	
		-	M1-5-A	2	II	24	X	24	CTH ROUTE MARKER 2 LETTERS	--	--	--	--	--	--	--	--	--	--	M16-12
		M17-01	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M18-01	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M18-02	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M19-01	W14-3	2S	II	48	X	36	NO PASSING ZONE	--	1	--	--	--	--	--	--	--	--	
		M19-02	W14-3	2S	II	48	X	36	NO PASSING ZONE	--	1	--	--	--	--	--	--	--	--	
		M19-03	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M20-01	S1-1	2S	II	36	X	36	SCHOOL ZONE	--	--	1	--	--	--	--	--	--	--	
		-	S16-9P	2S	II	30	X	18	AHEAD	--	--	--	--	--	--	--	--	--	--	M20-01
		-	R2-6-P	2S	II	24	X	18	FINES HIGHER	--	--	--	--	--	--	--	--	--	--	M20-01
		M20-02	S5-2	2S	II	24	X	30	END SCHOOL ZONE	--	1	--	--	--	--	--	--	--	--	
		M20-03	I-2-3	2	II	60	X	24	MUNICIPALITY POPULATION SIGN	--	1	--	--	--	--	--	--	--	--	
		M21-01	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M21-02	R2-1	2S	II	24	X	30	SPEED LIMIT 25	--	--	--	--	--	--	--	1	--	--	
		M21-03	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M21-04	S5-2	2S	II	24	X	30	END SCHOOL ZONE	--	1	--	--	--	--	--	--	--	--	
		M21-05	S1-1	2S	II	36	X	36	SCHOOL ZONE	--	--	1	--	--	--	--	--	--	--	
		-	S16-9P	2S	II	30	X	18	AHEAD	--	--	--	--	--	--	--	--	--	--	M21-05
		-	R2-6-P	2S	II	24	X	18	FINES HIGHER	--	--	--	--	--	--	--	--	--	--	M21-05
		M21-06	M2-1	2S	II	21	X	15	JCT	--	1	--	--	--	--	--	--	--	--	
		-	M1-5-A	2	II	24	X	24	CTH ROUTE MARKER ONE LETTER	--	--	--	--	--	--	--	--	--	--	M21-06
		M21-07	W2-6	2S	II	30	X	30	ROUNDABOUT AHEAD	--	1	--	--	--	--	--	--	--	--	
		-	W13-1	2S	II	18	X	18	15 MPH	--	--	--	--	--	--	--	--	--	--	M21-07
		M22-01	W14-3	2S	II	48	X	36	NO PASSING ZONE	--	1	--	--	--	--	--	--	--	--	
		M22-02	M2-1	2S	II	21	X	15	JCT	--	1	--	--	--	--	--	--	--	--	
		-	M1-5-A	2	II	24	X	24	CTH ROUTE MARKER ONE LETTER	--	--	--	--	--	--	--	--	--	--	M22-02
		M22-03	D7-67		II	36	X	36	KANOW COUNTY PARK 1 MILE	--	2	--	--	--	--	--	--	--	--	
		M22-04	I-2-3-U		II	36	X	24	MUNICIPALITY POPULATION SIGN	--	1	--	--	--	--	--	--	--	--	
		M23-01	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M23-02	R5-99	2S	II	42	X	24	OFF-ROAD OPERATION OF MOTOR VEHICLES PROHIBITED	--	1	--	--	--	--	--	--	--	--	
		M23-03	R12-1	2S	II	24	X	30	WEIGHT LIMIT 8 TONS	--	1	--	--	--	--	--	--	--	--	
		M23-04	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M23-05	D5-61	2S	II	48	X	24	WAYSIDE 1/2 MILE	--	1	--	--	--	--	--	--	--	--	
		-	DB5-69E	2S	II	48	X	9	HISTORICAL MARKER	--	--	--	--	--	--	--	--	--	--	M23-05
		-	DB5-69B	2S	II	48	X	9	BOAT LANDING	--	--	--	--	--	--	--	--	--	--	M23-05
		M24-01	W14-3	2S	II	48	X	36	NO PASSING ZONE	--	1	--	--	--	--	--	--	--	--	
		M24-02	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M24-03	D5-62-L	2S	II	48	X	24	WAYSIDE LEFT ARROW	--	1	--	--	--	--	--	--	--	--	
		M24-04	D5-62-R	2S	II	48	X	24	WAYSIDE RIGHT ARROW	--	1	--	--	--	--	--	--	--	--	
		M24-05	W14-3	2S	II	48	X	36	NO PASSING ZONE	--	1	--	--	--	--	--	--	--	--	
		-	R2-1	2S	II	24	X	30	SPEED LIMIT 55 MPH	--	--	--	--	--	--	--	--	--	--	M24-05
		M24-06	D1-2		II	66	X	15	DESTINATION DIRECTIONAL	1	1	--	--	--	--	--	--	--	--	
		M24-07	D7-68-L		II	36	X	36	KANOW COUNTY PARK W/ ARROW	--	2	--	--	--	--	--	--	--	--	
		M25-01	M1-6	2	II	24	X	24	STH ROUTE MARKER 2 DIGITS	--	1	--	--	--	--	--	--	--	--	
		-	M3-4	2S	II	24	X	12	CARDINAL DIRECTION MARKER FOR J ASSEMBLY WEST	--	--	--	--	--	--	--	--	--	--	M25-01
		M25-02	M1-92	2	II	24	X	24	ROCK RIVER TRAIL SCENIC AND HISTORIC ROUTE	--	1	--	--	--	--	--	--	--	--	
		M25-03	M1-92	2	II	24	X	24	ROCK RIVER TRAIL SCENIC AND HISTORIC ROUTE	--	1	--	--	--	--	--	--	--	--	
		-	MP6-1	2S	II	21	X	21	DIRECTIONAL ARROWS FOR J ASSEMBLIES	--	--	--	--	--	--	--	--	--	--	M25-03
		M25-04	M3-4	2S	II	24	X	12	CARDINAL DIRECTION MARKER FOR J ASSEMBLY WEST	--	1	--	--	--	--	--	--	--	--	
		-	M1-6	2	II	24	X	24	STH ROUTE MARKER 2 DIGITS	--	--	--	--	--	--	--	--	--	--	M25-04
		M25-05	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M25-06	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	--	--	
		M25-07	W6-3	2S	II	36	X	36	TWO-WAY TRAFFIC SYMBOL	--	1	--	--	--	--	--	--	--	--	
		R26-01	W9-1-L	2S	II	36	X	36	LEFT LANE ENDS	--	1	--	--	--	--	--	--	--	--	
		M26-02	M3-4	2S	II	24	X	12	CARDINAL DIRECTION MARKER FOR J ASSEMBLY WEST	--	1	--	--	--	--	--	--	--	--	
		-	M1-6	2	II	24	X	24	STH ROUTE MARKER 2 DIGITS	--	--	--	--	--	--	--	--	--	--	M26-02
		M26-03	M3-4	2S	II	24	X	12	CARDINAL DIRECTION MARKER FOR J ASSEMBLY WEST	--	1	--	--	--	--	--	--	--	--	
SUBTOTAL										1	47	2	--	--	--	--	1	--	--	

TYPE II SIGNS AND SUPPORTS CONTINUED

PROJECT ID	CATEGORY	SIGN NUMBER	SIGN CODE	SIGN SIZE	SIGN TYPE	SIGN DIM. W X H IN	X	IN	DESCRIPTION	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	634.0622 POSTS WOOD 4X6-INCH X 22-FT EACH	634.0624 POSTS WOOD 4X6-INCH X 24-FT EACH	634.0814 POSTS TUBULAR STEEL 2X2-INCH X 14-FT EACH	634.0816 POSTS TUBULAR STEEL 2X2-INCH X 16-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	SIGN MOUNTED ON SAME POST AS SIGN NO.
		-	M1-6	2	II	24	X	24	STH ROUTE MARKER 2 DIGITS	--	--	--	--	--	--	--	--	--	--	M26-03
		M26-04	M1-6	2	II	24	X	24	STH ROUTE MARKER 2 DIGITS	--	--	1	--	--	--	--	--	--	--	
		-	M6-2	2S	II	21	X	21	DIRECTIONAL ARROWS FOR J ASSEMBLIES	--	--	--	--	--	--	--	--	--	--	M26-04
		-	M3-4	2S	II	24	X	12	CARDINAL DIRECTION MARKER FOR J ASSEMBLY WEST	--	--	--	--	--	--	--	--	--	--	M26-04
		M26-05	M1-6	2	II	24	X	24	STH ROUTE MARKER 2 DIGITS	--	--	1	--	--	--	--	--	--	--	
		-	M6-2	2S	II	21	X	21	DIRECTIONAL ARROWS FOR J ASSEMBLIES	--	--	--	--	--	--	--	--	--	--	M26-05
		-	M3-4	2S	II	24	X	12	CARDINAL DIRECTION MARKER FOR J ASSEMBLY WEST	--	--	--	--	--	--	--	--	--	--	M26-05
		M27-01	W6-3	2S	II	36	X	36	TWO-WAY TRAFFIC SYMBOL	--	1	--	--	--	--	--	--	--	--	
		M27-02	R5-1	2S	II	30	X	30	DO NOT ENTER	--	1	--	--	--	--	--	--	--	--	
		M27-03	R4-7	2S	II	24	X	30	KEEP RIGHT SYMBOL	--	1	--	--	--	--	--	--	--	--	
		-	W5-54	2S	II	18	X	18	IN ROAD OBJECT MARKER	--	--	--	--	--	--	--	--	--	--	M27-03
		M27-04	R5-1A	2S	II	36	X	24	WRONG WAY	--	1	--	--	--	--	--	--	--	--	
		-	W3-5	2S	II	36	X	36	SPEED REDUCTION AHEAD 35 MPH SYMBOL	--	--	--	--	--	--	--	--	--	--	M27-04
		M28-01	W6-2	2S	II	36	X	36	DIVIDED HIGHWAY SYMBOL	--	1	--	--	--	--	--	--	--	--	
		M28-02	M2-1	2S	II	21	X	15	JCT	--	1	--	--	--	--	--	--	--	--	
		-	M1-6	2	II	24	X	24	STH ROUTE MARKER 2 DIGITS	--	--	--	--	--	--	--	--	--	--	M28-02
		-	M4-6	2S	II	24	X	12	END	--	--	--	--	--	--	--	--	--	--	M28-02
		-	M1-6	2	II	24	X	24	STH ROUTE MARKER 2 DIGITS	--	--	--	--	--	--	--	--	--	--	M28-02
		SUBTOTAL								1	56	4	--	--	--	--	1	--	--	
		TOTAL								6	154	8	--	--	--	2	2	--	--	
1370-00-76	0010	1-01	W2-6	2S	II	30	X	30	ROUNDABOUT AHEAD	--	1	--	--	--	--	--	--	--	6.25	
		1-02	W13-1	2S	II	18	X	18	15 MPH	--	--	--	--	--	--	--	--	--	2.25	1-01
		1-03	D1-62	2S	II	126	X	66	ROUNDABOUT GUIDE SIGN	--	--	--	1	1	1	--	--	57.75	--	
		1-04	R4-7	2S	II	24	X	30	KEEP RIGHT SYMBOL	--	1	--	--	--	--	--	--	5.00	--	
		1-05	W5-54	2S	II	18	X	18	IN ROAD OBJECT MARKER	--	--	--	--	--	--	--	--	-	2.25	1-04
		2-01	J4-1	2S	II	24	X	36	FOLDING ROUTE ASSEMBLY SIGN	--	1	--	--	--	--	--	--	6.00	--	
		2-02	D1-60	2S	II	42	X	30	WEST 16 DIRECTIONAL ARROW	1	--	--	--	--	--	--	--	8.75	--	
		2-03	R1-2	2S	II	36	X	31	YIELD	--	1	--	--	--	--	--	--	3.88	--	
		2-04	R1-2	2S	II	36	X	31	YIELD	--	1	--	--	--	--	--	--	3.88	--	
		2-05	R1-2	2S	II	36	X	31	YIELD	--	1	--	--	--	--	--	--	3.88	--	
		2-06	R1-2	2S	II	36	X	31	YIELD	--	1	--	--	--	--	--	--	3.88	--	
		2-07	D1-1	2S	II	72	X	15	E MAIN ST DIRECTIONAL ARROW	1	--	--	--	--	--	--	--	7.50	--	
		2-08	R4-7	2S	II	24	X	30	KEEP RIGHT SYMBOL	--	1	--	--	--	--	--	--	5.00	--	
		2-09	W5-54	2S	II	18	X	18	IN ROAD OBJECT MARKER	--	--	--	--	--	--	--	--	--	2.25	2-08
		2-10	R1-2	2S	II	36	X	31	YIELD	1	--	--	--	--	--	--	--	3.88	--	
		2-11	R1-2	2S	II	36	X	31	YIELD	1	--	--	--	--	--	--	--	3.88	--	
		2-12	R6-1R	2S	II	36	X	12	ONE WAY FOR ROUNDABOUTS RIGHT	--	1	--	--	--	--	--	--	3.00	--	
		2-13	R6-4B	2S	II	60	X	24	CHEVRON FOR ROUNDABOUT	1	--	--	--	--	--	--	--	10.00	--	2-12
		2-14	R6-1R	2S	II	36	X	12	ONE WAY FOR ROUNDABOUTS RIGHT	--	1	--	--	--	--	--	--	3.00	--	
		2-15	R6-4B	2S	II	60	X	24	CHEVRON FOR ROUNDABOUT	1	--	--	--	--	--	--	--	10.00	--	2-14
		2-16	R6-1R	2S	II	36	X	12	ONE WAY FOR ROUNDABOUTS RIGHT	--	1	--	--	--	--	--	--	3.00	--	
		2-17	R6-4B	2S	II	60	X	24	CHEVRON FOR ROUNDABOUT	1	--	--	--	--	--	--	--	10.00	--	2-16
		2-18	R6-1R	2S	II	36	X	12	ONE WAY FOR ROUNDABOUTS RIGHT	--	1	--	--	--	--	--	--	3.00	--	
		2-19	R6-4B	2S	II	60	X	24	CHEVRON FOR ROUNDABOUT	1	--	--	--	--	--	--	--	10.00	--	2-18
		2-20	W2-6	2S	II	30	X	30	ROUNDABOUT AHEAD	--	1	--	--	--	--	--	--	--	6.25	
		2-21	W13-1	2S	II	18	X	18	15 MPH	--	--	--	--	--	--	--	--	--	2.25	2-20
		2-22	D1-2	2S	II	84	X	24	FRONTAGE RD AND OAK HILL RD DIRECTIONAL ARROW	1	--	--	--	--	--	--	--	14.00	--	
		2-23	R1-2	2S	II	36	X	31	YIELD	1	--	--	--	--	--	--	--	3.88	--	
		2-24	R1-2	2S	II	36	X	31	YIELD	1	--	--	--	--	--	--	--	3.88	--	
		2-25	D1-67	2S	II	42	X	30	EAST 16 DIRECTIONAL ARROW	1	--	--	--	--	--	--	--	8.75	--	
		2-26	J4-1	2S	II	24	X	36	FOLDING ROUTE ASSEMBLY SIGN	--	1	--	--	--	--	--	--	6.00	--	
		2-27	R9-9	2S	II	24	X	12	SIDEWALK CLOSED	1	--	--	--	--	--	--	--	2.00	--	
		3-01	R4-7	2S	II	24	X	30	KEEP RIGHT SYMBOL	--	1	--	--	--	--	--	--	5.00	--	
		3-02	W5-54	2S	II	18	X	18	IN ROAD OBJECT MARKER	--	--	--	--	--	--	--	--	--	2.25	3-01
		3-03	D1-62	2S	II	126	X	66	ROUNDABOUT GUIDE SIGN	--	--	--	1	1	1	--	--	57.75	--	
		3-04	W2-6	2S	II	30	X	30	ROUNDABOUT AHEAD	--	1	--	--	--	--	--	--	--	6.25	
		3-05	W13-1	2S	II	18	X	18	15 MPH	--	--	--	--	--	--	--	--	--	2.25	3-04
		4-01	W2-6	2S	II	30	X	30	ROUNDABOUT AHEAD	--	1	--	--	--	--	--	--	--	6.25	
		4-02	W13-1	2S	II	18	X	18	15 MPH	--	--	--	--	--	--	--	--	--	2.25	4-01
		4-03	R1-1	2S	II	30	X	30	STOP	--	1	--	--	--	--	--	--	5.18	--	
		4-04	R4-7	2S	II	24	X	30	KEEP RIGHT SYMBOL	--	1	--	--	--	--	--	--	5.00	--	
		4-05	W5-54	2S	II	18	X	18	IN ROAD OBJECT MARKER	--	--	--	--	--	--	--	--	--	2.25	4-04
		4-06	R5-1	2S	II	30	X	30	DO NOT ENTER	--	1	--	--	--	--	--	--	6.25	--	
		M2-01	S4-51	2S	II	24	X	48	SCHOOL SPEED LIMIT	--	--	--	--	--	--	--	1	--	--	
		M2-02	JH-1	2S	II	24	X	45	HOSPITAL SYMBOL	--	--	--	--	--	--	--	1	--	--	
		SUBTOTAL								13	20	--	2	2	2	--	2	283	43	

TYPE II SIGNS AND SUPPORTS CONTINUED

PROJECT ID	CATEGORY	SIGN NUMBER	SIGN CODE	SIGN SIZE	SIGN TYPE	SIGN DIM. W X H IN	X	IN	DESCRIPTION	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	634.0622 POSTS WOOD 4X6-INCH X 22-FT EACH	634.0624 POSTS WOOD 4X6-INCH X 24-FT EACH	634.0814 POSTS TUBULAR STEEL 2X2-INCH X 14-FT EACH	634.0816 POSTS TUBULAR STEEL 2X2-INCH X 16-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	SIGN MOUNTED ON SAME POST AS SIGN NO.
		M2-03	JH-1	2S	II	24	X	45	HOSPITAL SYMBOL	--	--	--	--	--	--	--	1	--	--	
		M3-01	R2-1	2S	II	24	X	30	SPEED LIMIT 55	--	1	--	--	--	--	--	--	--	--	
		M3-02	JH-1	2S	II	24	X	45	HOSPITAL SYMBOL	--	--	--	--	--	--	--	--	--	--	
		M4-01	R2-1	2S	II	24	X	30	SPEED LIMIT 35	1	--	--	--	--	--	--	--	--	--	
		M4-02	R7-1	2S	II	18	X	24	NO PARKING ANY TIME (ARROWS)	1	--	--	--	--	--	--	--	--	--	
		M4-03	W1-2	2S	II	30	X	30	ROAD CURVES RIGHT	--	1	--	--	--	--	--	--	--	--	
		M4-04				24		30	NO THRU TRUCKS	--	--	--	--	--	--	--	1	--	--	
		M4-05	JH-1	2S	II	24	X	45	HOSPITAL SYMBOL	--	1	--	--	--	--	--	--	--	--	
		SUBTOTAL								2	3	--	--	--	--	--	2	--	--	
		TOTAL								15	23	--	2	2	2	--	4	283	43	

REMOVING AND MOVING SIGNS

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	ALIGNMENT	SIGN NUMBER	SIGN CODE	SIGN MESSAGE	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
1370-00-73	0010	STH 16	86+74	RT		R5-01	W6-1	N/A	--	1	1
		STH 16	87+53	LT		M5-01	W14-3, W3-5	No Passing Zone, Speed Limit 45	1	--	1
		STH 16	90+27	LT		M5-02		No Engine Braking Except in Emergency	1	--	1
		STH 16	95+47	LT		M6-03	R4-7, W5-54	N/A	1	--	1
		STH 16	98+81	RT		M6-06	R2-1	Speed Limit 55	1	--	1
		STH 16	104+98	RT		M7-02	W4-1-R	N/A	1	--	1
		STH 16	105+06	RT		M7-03	W5-52R	N/A	1	--	1
		STH 16	105+55	LT		M7-04	W5-52L	N/A	1	--	1
		STH 16	107+76	LT		R7-05	W4-2-L	N/A	--	1	1
		STH 16	109+92	LT		R8-01	W9-1-L	Left Lane Ends	--	1	1
		STH 16	127+41	RT		M9-05	W6-2	N/A	1	--	1
		STH 16	128+98	RT		M9-06	D1-60	Gopher Hill Rd	1	--	1
		STH 16	129+47	RT		M9-07	R5-1A	Wrong Way	1	--	1
		STH 16	131+64	LT		M10-01	R4-7, W5-54	N/A	1	--	1
		STH 16	131+98	RT		M10-03	R5-1	Do Not Enter	1	--	1
		STH 16	132+98	RT		M10-04	I-55-56P	Adopt-A-Highway Sponsor In Memory of Clarke Arnold	1	--	1
		STH 16	135+07	LT		M10-05	R1-1	Stop	1	--	1
		STH 16	134+98	RT		M10-06	R1-1	Stop	1	--	1
		STH 16	136+62	RT		M11-01	W6-3	N/A	1	--	1
		STH 16	138+44	RT		M11-02	M1-6	East 16	1	--	1
		STH 16	139+65	LT		M11-03	D1-60	Gopher Hill Rd	1	--	1
		STH 16	140+43	RT		M11-04	W14-3	No Passing Zone	1	--	1
		STH 16	141+88	LT		M11-05	W6-1	N/A	1	--	1
		STH 16	141+90	RT		M11-06	R2-1	Speed Limit 55	1	--	1
		STH 16	144+62	RT		M11-07	D2-2	Oconomowoc 9, Pewaukee 27	1	--	1
		STH 16	171+20	RT		M12-01	D1-2	Ash Rd, E Gate Dr	1	--	1
		STH 16	181+33	LT		M12-02	R1-1	Stop	1	--	1
		STH 16	182+30	RT		M12-03	R1-1	Stop	1	--	1
		STH 16	203+35	LT		M13-01	R1-1	Stop	1	--	1
		STH 16	203+68	LT		M13-02	W14-1	Dead End	1	--	1
		STH 16	204+99	RT		M13-03	I-55-56P	Adopt-A-Highway Sponsor Cross Luthern Ixonia	1	--	1
		STH 16	216+51	LT		M13-04	I-55-56P	Adopt-A-Highway Sponsor In Memory of Clarke Arnold	1	--	1
		STH 16	235+64	RT		M14-01	W10-2	N/A	1	--	1
		STH 16	243+05	LT		M14-02	R1-1	Stop	1	--	1
		STH 16	243+65	RT		M14-03	R1-1	Stop	1	--	1
		STH 16	251+13	LT		M14-04	W10-2	N/A	1	--	1
		STH 16	266+08	LT		M15-01	R1-1	Stop	1	--	1
		STH 16	266+38	LT		M15-02	W14-1	Dead End	1	--	1
		STH 16	278+23	RT		M16-01	M1-5-A, M2-1	JCT County SC	1	--	1
		STH 16	280+57	LT		M16-02	W14-3	No Passing Zone	1	--	1
		STH 16	287+07	LT		M16-03	I-55-56P	Adopt-A-Highway Sponsor Cross Luthern Ixonia	1	--	1
		STH 16	287+50	LT		M16-04	M3-4, M1-6	West 16	1	--	1
		STH 16	288+64	LT		M16-05	M1-6, M6-4	16	1	--	1
		STH 16	288+67	LT		M16-06	R1-1	Stop	1	--	1
		STH 16	288+84	RT		M16-07	M1-5-A, M6-1	County SC	1	--	1
		STH 16	289+34	RT		M16-08	W1-7	N/A	1	--	1
		STH 16	289+66	LT		M16-09	M1-5-A, M6-1	County SC	1	--	1
		STH 16	290+43	RT		M16-10	M3-2, M1-6	East 16	1	--	1
		STH 16	291+81	RT		M16-11	I-55-56P	Adopt-A-Highway Sponsor Ixonia Victory 4-H Club	1	--	1
		STH 16	299+86	LT		M16-12	M2-1, M1-5-A	JCT County SC	1	--	1
		STH 16	334+22	RT		M17-01	R1-1	Stop	1	--	1
		STH 16	353+41	LT		M18-01	R1-1	Stop	1	--	1
		STH 16	354+29	RT		M18-02	R1-1	Stop	1	--	1
		STH 16	365+13	RT		M19-01	W14-3	No Passing Zone	1	--	1
		STH 16	368+85	LT		M19-02	W14-3	No Passing Zone	1	--	1
		STH 16	369+15	LT		M19-03	R1-1	Stop	1	--	1
		STH 16	380+17	RT		M20-01	S1-1, S16-9P, R2-6-P	Ahead, Fines Higher	1	--	1
		STH 16	383+93	LT		M20-02	S5-2	End School Zone	1	--	1
		STH 16	385+78	RT		M20-03	I-2-3	Ixonia Unincorporated	1	--	1
		STH 16	390+86	LT		M21-01	R1-1	Stop	1	--	1
		STH 16	391+37	RT		M21-02	R2-1	Speed Limit 25	1	--	1
		STH 16	391+83	RT		M21-03	R1-1	Stop	1	--	1
		STH 16	393+97	RT		M21-04	S5-2	End School Zone	1	--	1
		STH 16	398+39	LT		M21-05	S1-1, S16-9P, R2-6-P	Ahead, Fines Higher	1	--	1
		STH 16	399+41	RT		M21-06	M2-1, M1-5-A	JCT County F	1	--	1
		STH 16	400+79	RT		M21-07	W2-6, W13-1	15 MPH	1	--	1
		STH 16	425+90	RT		M22-01	W14-3	No Passing Zone	1	--	1
SUBTOTAL									64	3	67

REMOVING AND MOVING SIGNS CONTINUED

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	ALIGNMENT	SIGN NUMBER	SIGN CODE	SIGN MESSAGE	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
		STH 16	426+31	LT		M22-02	M2-1, M1-5-A	JCT County F	1	--	1
		STH 16	428+83	RT		M22-03	D7-67	Road to Kanow County Park 1 Mile	1	--	1
		STH 16	428+93	LT		M22-04	I-2-3-U	Ixonia Unincorporated	1	--	1
		STH 16	441+16	LT		M23-01	R1-1	Stop	1	--	1
		STH 16	441+58	LT		M23-03	R12-1	Weight Limit 8 Tons	1	--	1
		STH 16	441+96	RT		M23-02	R5-99	Off Roadway Operation of Motor Vehicles Prohibited	1	--	1
		STH 16	442+66	RT		M23-04	R1-1	Stop	1	--	1
		STH 16	447+05	RT		M23-05	D5-61, DB5-69E, DB5-69B	Wayside 1/2 Mile, Boat Landing, Historical Marker	1	--	1
		STH 16	461+09	RT		M24-01	W14-3	No Passing Zone	1	--	1
		STH 16	469+59	RT		M24-02	R1-1	Stop	1	--	1
		STH 16	469+61	RT		M24-03	D-5-62-L	Wayside	1	--	1
		STH 16	470+21	LT		M24-04	D5-62-R	Wayside	1	--	1
		STH 16	473+16	LT		M24-05	W14-3, R2-1	No Passing Zone, Speed Limit 55	1	--	1
		STH 16	473+26	RT		M24-06	D1-2	Rock River Rd, Old Hi-Way Ln	1	--	1
		STH 16	474+95	RT		M24-07	D7-68-L	Kanow County Park	1	--	1
		STH 16	475+95	LT		M25-01	M1-6, M3-4	West 16	1	--	1
		STH 16	475+96	LT		M25-02	M1-92	Rock River Trail Scenic and Historic Route	1	--	1
		STH 16	479+24	RT		M25-03	M1-92, MP6-1	Rock River Trail Scenic and Historic Route	1	--	1
		STH 16	479+66	LT		M25-04	M1-6, M6-4	16	1	--	1
		STH 16	479+72	LT		M25-05	R1-1	Stop	1	--	1
		STH 16	480+45	RT		M25-06	R1-1	Stop	1	--	1
		STH 16	483+73	LT		M25-07	W6-3	N/A	1	--	1
		STH 16	200+82	LT	'X'	M5-03	W6-3	N/A	1	--	1
		STH 16	202+44	LT	'X'	M6-01	R5-1	Do Not Enter	1	--	1
		STH 16	203+06	LT	'X'	M6-02	I-2-3	Watertown Population 24,031	1	--	1
		STH 16	205+82	LT	'X'	M6-04	R5-1A	Wrong Way	1	--	1
		STH 16	207+25	LT	'X'	M6-05	W6-2	N/A	1	--	1
		STH 16	210+99	RT	'X'	R7-01	W4-2-L	N/A	--	1	1
		STH 16	216+03	RT	'X'	R26-01	W9-1-L	Left Lane Ends	--	1	1
		STH 16	220+02	LT	'X'	M26-02	M1-6, M3-4	West 16	1	--	1
		STH 16	225+10	RT	'X'	M26-04	M1-6, M6-2	West 19	1	--	1
		STH 16	228+53	RT	'X'	M9-01	D1-1	Columbus	1	--	1
		STH 16	228+53	LT	'X'	M9-02	D1-1	Watertown	1	--	1
		STH 16	230+91	LT	'X'	M9-03	M1-6, D9-2, M3-4	West 16, H (Hospital)	1	--	1
		STH 16	230+92	RT	'X'	M9-04	M1-6, M5-2L	West 19	1	--	1
		STH 16	236+45	LT	'X'	M9-08	M1-6, M2-1	JCT 19	1	--	1
		STH 16	238+29	LT	'X'	M10-02	I-55-56P	Adopt-A-Highway Scouts BSA Troop 11 Watertown	1	--	1
		STH 19	202+67	LT	'Y'	M27-01	W6-3	N/A	1	--	1
		STH 19	205+07	LT	'Y'	M27-02	R5-1	Do Not Enter	1	--	1
		STH 19	207+79	LT	'Y'	M27-04	R5-1A, W3-5	Wrong Way, Speed Limit 35 (Ahead)	1	--	1
		STH 19	209+94	LT	'Y'	M28-01	W6-2	N/A	1	--	1
		STH 19	219+12	LT	'Y'	M26-01	M1-6, M3-4	West 19	1	--	1
		STH 19	220+66	LT	'Y'	M26-03	M1-6, M6-2, M3-4	West 19	1	--	1
		STH 19	225+10	RT	'Y'	M26-04	M1-6, M6-2, M3-4	West 19	1	--	1
		STH 19	99+47	LT	'Z'	M27-03	R4-7, W5-54	N/A	1	--	1
		STH 19	103+67	LT	'Z'	R28-01	W9-1-L	Left Lane Ends	--	1	1
		STH 19	104+94	RT	'Z'	M28-02	M1-6, M2-1, M4-6	JCT 16, End 19	1	--	1
		STH 19	106+32	LT	'Z'	R28-02	W4-2-L	N/A	--	1	1
		SUBTOTAL							44	4	48
		TOTAL							108	7	115
1370-00-76	0010	STH 16	77+80	LT		M2-03	JH-1	H (Hospital)	1	--	1
		STH 16	81+33	RT		M3-01	R2-1	Speed Limit 55	1	--	1
		STH 16	81+34	LT		R3-01	R2-1	Speed Limit 45	--	1	1
		STH 16	83+39	LT		M3-02	JH-1	H (Hospital)	1	--	1
		E MAIN ST	10+11	RT	'RE'	M2-02	JH-1	H (Hospital)	1	--	1
		E MAIN ST	11+94	RT	'RE'	R2-02	R1-1	Stop	--	1	1
		E MAIN ST	14+15	RT	'RE'	M4-05	JH-1	H (Hospital)	1	--	1
		E MAIN ST	14+34	RT	'RE'	M4-04		No Thru Trucks	1	--	1
		E MAIN ST	14+57	RT	'RE'	R2-01	R1-1	Stop	--	1	1
		E MAIN ST	16+62	RT	'RE'	M4-01	R2-1	Speed Limit 35	1	--	1
		E MAIN ST	100+55	LT	'RW'	M2-01	S4-51	School Speed Limit 15 When Children are Present	1	--	1
		E MAIN ST	102+48	LT	'RW'	R2-01	R1-1	Stop	--	1	1
		E MAIN ST	104+42	LT	'RW'	R4-01	R1-1	Stop, Hwy 16, E Main St	--	1	1
		E MAIN ST	105+47	LT	'RW'	M4-02	R7-1-D	No Parking Any Time	1	--	1
		TOTAL							9	5	14

TRAFFIC CONTROL ITEMS

PROJECT ID	CATEGORY	LOCATION	STAGE DURATION	643.0300 TRAFFIC CONTROL DRUMS		643.0420 TRAFFIC CONTROL BARRICADES TYPE III		643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A		643.0900 TRAFFIC CONTROL SIGNS		643.1050 TRAFFIC CONTROL SIGNS PCMS		643.0910 TRAFFIC CONTROL COVERING SIGNS TYPE I			643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II			COMMENTS
			DAYS	NO.	DAY	NO.	DAY	NO.	DAY	NO.	DAY	NO.	DAY	NO.	CYCLES	EACH	NO.	CYCLES	EACH	
1370-00-73	0010	STH 16	7	10	70	--	--	--	--	--	--	2	14	--	--	--	--	--	--	
		Detail 1 Stage 1	70	--	--	5	350	10	700	4	280	--	--	--	--	--	--	--	--	STH 16 DETOUR
		Detail 1 Stage 3	39	--	--	5	195	10	390	3	117	--	--	--	--	--	--	--	--	STH 16 DETOUR
		Detail 2 Stage 1 and 3	109	--	--	2	218	4	436	28	3,052	--	--	--	--	--	--	--	--	STH 16 DETOUR
		Detail 3	242	--	--	--	--	--	--	3	726	--	--	--	--	--	--	--	--	STH 16 DETOUR
		Detail 4	242	--	--	1	242	2	484	74	17,908	--	--	4	1	4	7	1	7	STH 16 DETOUR
		Detail 5	242	--	--	--	--	--	--	31	7,502	--	--	--	--	--	--	--	--	STH 16 DETOUR
		Detail 6	242	--	--	--	--	--	--	25	6,050	--	--	--	--	--	--	--	--	STH 16 DETOUR
		Detail 7	242	--	--	--	--	--	--	14	3,388	--	--	--	--	--	--	--	--	STH 16 DETOUR
		Detail 8	242	--	--	--	--	--	--	58	14,036	--	--	--	--	--	--	--	--	STH 16 DETOUR
		Detail 9	242	--	--	--	--	--	--	28	6,776	--	--	--	--	--	--	--	--	STH 16 DETOUR
		Detail 10	242	--	--	--	--	--	--	7	1,694	--	--	--	--	--	--	--	--	STH 16 DETOUR
		Detail 11	242	--	--	--	--	--	--	79	19,118	--	--	--	--	--	--	--	--	STH 16 DETOUR
		Detail 12	242	--	--	--	--	--	--	6	1,452	--	--	--	--	--	--	--	--	STH 16 DETOUR
		Detail 13	242	--	--	--	--	--	--	26	6,292	--	--	--	--	--	--	--	--	STH 16 DETOUR
		Detail 14	242	--	--	--	--	--	--	43	10,406	--	--	--	--	--	2	1	2	STH 16 DETOUR
		Detail 15	242	--	--	--	--	--	--	18	4,356	--	--	--	--	--	--	--	--	STH 16 DETOUR
		Detail 16	242	--	--	--	--	--	--	15	3,630	--	--	--	--	--	--	--	--	STH 16 DETOUR
		Detail 17	242	--	--	--	--	--	--	31	7,502	--	--	--	--	--	2	1	2	STH 16 DETOUR
		Detail 18	242	--	--	3	726	6	1,452	54	13,068	--	--	--	--	--	4	1	4	STH 16 DETOUR
		Detail 19	242	--	--	4	968	8	1,936	4	968	--	--	--	--	--	4	1	4	STH 16 DETOUR
		Detail 1 Stage 1	70	--	--	--	--	--	--	25	1,750	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 1 Stage 3	70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 2 Stage 1 and 3	70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 3	70	--	--	--	--	--	--	3	210	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 4	70	--	--	--	--	--	--	49	3,430	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 5	70	--	--	--	--	--	--	21	1,470	--	--	--	--	--	4	1	4	STH 19 DETOUR
		Detail 6	70	--	--	--	--	--	--	24	1,680	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 7	70	--	--	--	--	--	--	14	980	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 8	70	--	--	--	--	--	--	58	4,060	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 9	70	--	--	--	--	--	--	27	1,890	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 10	70	--	--	--	--	--	--	7	490	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 11	70	--	--	--	--	--	--	77	5,390	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 12	70	--	--	--	--	--	--	6	420	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 13	70	--	--	--	--	--	--	26	1,820	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 14	70	--	--	--	--	--	--	40	2,800	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 15	70	--	--	--	--	--	--	15	1,050	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 16	70	--	--	--	--	--	--	13	910	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 17	70	--	--	--	--	--	--	31	2,170	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 18	70	--	--	--	--	--	--	41	2,870	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Detail 19	70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	STH 19 DETOUR
		Sideroads	242	--	--	52	12,584	60	14,520	56	13,552	--	--	--	--	--	--	--	--	
		TOTAL			70		15,283		19,918		175,263		14			4			23	
1370-00-76	0010	Detail 1 Stage 2	133	--	--	23	3,059	46	6,118	19	2,527	--	--	--	--	--	--	--	--	
		Detail 2 Stage 2	133	--	--	5	665	10	1,330	29	3,857	--	--	--	--	--	--	--	--	
		TOTAL			--		3,724		7,448		6,384		--			--			--	

TRAFFIC CONTROL

PROJECT ID	CATEGORY	LOCATION	643.5000 TRAFFIC CONTROL EACH
1370-00-73	0010	PROJECT	0.8
		TOTAL	0.8
1370-00-76	0010	PROJECT	0.2
		TOTAL	0.2

LONG LINE PAVEMENT MARKING ITEMS

							646.2020			646.2040					646.4020	646.4040	646.6320
							MARKING LINE EPOXY 6-INCH			MARKING LINE GROOVED WET REF EPOXY 6-INCH					MARKING LINE EPOXY 10-INCH	MARKING LINE GROOVED WET REF EPOXY 10-INCH	MARKING DOTTED EXTENSION EPOXY 18-INCH
PROJECT ID	CATEGORY	LOCATION	STATION	TO	STATION	ALIGNMENT	2' LINE 6' SKIP WHITE LF	SOLID WHITE LF	SOLID YELLOW LF	3' LINE 9' SKIP WHITE LF	12.5' LINE 37.5' SKIP WHITE LF	12.5' LINE 37.5' SKIP YELLOW LF	SOLID WHITE LF	SOLID YELLOW LF	SOLID WHITE LF	SOLID WHITE LF	2' LINE 2' SKIP WHITE LF
1370-00-73	0010	STH 16	86+14	-	92+16		--	--	--	--	--	163	1,205	602	--	--	--
		STH 16 EB	92+16	-	135+95		--	--	--	--	--	--	3,768	5,510	--	581	--
		STH 16 WB	200+00	-	225+83	'X'	--	--	--	--	--	--	4,130	4,313	--	290	--
		STH 19 EB	93+11	-	116+25	'Z'	--	--	--	--	--	--	2,315	2,208	--	382	--
		STH 19 WB	93+11	-	225+83	'Y'	--	--	--	--	--	--	2,127	2,914	--	290	--
		STH 16	135+95	-	412+20		--	--	--	--	63	6,063	53,482	10,829	71	3,293	17
		STH 16	413+67	-	483+85		--	--	--	--	--	913	13,278	9,462	68	800	19
		CTH SC	10+00	-	11+00	CTH SC	--	--	--	--	--	--	--	151	--	--	--
		AMERICAN ST	6+55	-	7+80	'FN'	23	59	1,177	--	--	--	240	--	150	--	37
		SUBTOTAL					23	59	1,177	--	63	7,138	80,545	35,989	288	5,636	73
		TOTAL						1,259				123,734			288	5,636	73
1370-00-76	0010	ROUNDABOUT CIRCLE	0+00		3+45	'CR'	--	--	--	--	--	--	--	--	270	--	84
		STH 16	70+53	-	75+53		--	--	254	35	--	--	741	1,324	--	--	--
		STH 16	76+95	-	86+14		--	--	544	39	--	--	1,553	2,140	--	--	--
		E MAIN ST/FRONTAGE RD	10+00	-	11+96	'RE'	--	--	550	--	--	--	--	--	--	--	--
		W MAIN ST/FRONTAGE RD	13+45		17+76	'RW'	--	--	1,179	--	--	--	--	--	--	--	--
		OAK HILL RD	10+00	-	13+50	'OH'	--	--	606	--	--	--	--	--	--	--	--
		SUBTOTAL					--	--	3,133	74	--	--	--	2,294	3,464	270	--	84
		TOTAL						3,133				5,832				270	--	84

MISCELLANEOUS PAVEMENT MARKING ITEMS

							646.6120	646.7120	646.7420	646.8120	646.8220
PROJECT ID	CATEGORY	LOCATION	STATION	TO	STATION	ALIGNMENT	MARKING STOP LINE EPOXY 18-INCH LF	MARKING DIAGONAL EPOXY 12-INCH LF	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH LF	MARKING CURB EPOXY LF	MARKING ISLAND NOSE EPOXY EACH
1370-00-73	0010	STH 16	86+14	-	92+16		--	--	--	--	--
		STH 16 EB	92+16	-	135+95		--	848	--	--	--
		STH 16 WB	200+00	-	225+83	'X'	--	--	--	--	--
		STH 19 EB	93+11	-	116+25	'Z'	--	103	--	--	--
		STH 19 WB	93+11	-	225+83	'Y'	--	--	--	--	--
		STH 16	135+95	-	412+20		--	95	--	--	--
		STH 16	413+67	-	483+85		--	113	--	--	--
		GOPHER HILL RD	8+20	-	21+25	'A'	35	--	--	--	--
		ASH RD	10+00	-	11+00	'B'	41	--	--	--	--
		GATE DR	9+06	-	10+00	'C'	45	--	--	--	--
		BEGGAN LN	10+00	-	10+91	'D'	33	--	--	--	--
		HUSTISFORD RD	9+30	-	10+92	'E'	65	--	--	--	--
		T-BAR LN	10+00	-	10+89	'F'	28	--	--	--	--
		CTH SC	10+00	-	11+00	'G'	34	--	--	--	--
		HILLTOP RD	9+05	-	10+00	'H'	25	--	--	--	--
		HIGHVIEW RD	20+24	-	20+89	'I'	36	--	--	--	--
		MARIETTA AVE	9+09	-	9+75	'I'	40	--	--	--	--
		HAWTHORNE DR	10+00	-	10+64	'J'	25	--	--	--	--
		NORTH RD	20+25	-	20+94	'K'	42	--	--	--	--
		NORTH ST	9+19	-	9+75	'K'	42	--	--	--	--
		AMERICAN ST	6+55	-	7+80	'FN'	24	138	--	--	--
		RIVER VALLEY RD	8+63	-	11+10	'L'	113	--	--	--	--
		ROCK RIVER RD	20+25	-	20+96	'M'	37	--	--	--	--
		OLD HI-WAY LN	9+12	-	9+76	'M'	35	--	--	--	--
		TOTAL					700	1,297	--	--	--
1370-00-76	0010	STH 16	70+53	-	75+53		--	82	--	71	1
		STH 16	76+95	-	86+14		--	81	76	47	1
		E MAIN ST/FRONTAGE RD	10+00 'RE'	-	11+96'RE'	'RE'	--	--	68	24	--
		E MAIN ST/FRONTAGE RD	13+45'RE'		17+76'RE'	'RE'	--	52	--	45	--
		OAK HILL RD	10+00'OH'	-	13+50'OH'	'OH'	15	--	92		--
		TOTAL					15	215	236	187	2

LOCATING NO PASSING ZONES

			648.0100
			LOCATING NO-PASSING ZONES
PROJECT ID	CATEGORY	LOCATION	MI
1370-00-73	0010	STH 16	6.610
		TOTAL	6.610

PROJECT NO: 1370-00-73/76/77	HWY: STH 16	COUNTY: JEFFERSON	MISCELLANEOUS QUANTITIES	SHEET 206	E

CONSTRUCTION STAKING ITEMS

PROJECT ID	CATEGORY	LOCATION	STATION	TO	STATION	ALIGNMENT	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT LF	650.8501 CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS (PROJECT) EACH	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	650.9500 CONSTRUCTION STAKING SIDEWALK (PROJECT) EACH	650.9911 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) EACH	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF
1370-00-73	0010	STH 16	86+14	-	105+40		1,926	1,897	--	--	--	--	--	1	1,926
		STH 16	107+12	-	403+93		29,681	29,650	4,087	--	--	--	--	--	29,681
		STH 16	421+27	-	464+60		4,333	4,308	--	--	--	--	--	--	4,333
		STH 16	467+19	-	483+85		1,666	1,641	430	--	--	--	--	--	1,666
		STH 16	200+00	-	244+38	'X'	4,438	4,438	--	--	--	--	--	--	4,438
		STH 19	93+11	-	117+30	'Z'	2,419	2,419	--	--	--	--	--	--	2,419
		STH 19	201+81	-	223+59	'Y'	2,178	2,178	--	--	--	--	--	--	2,178
		TOTAL					46,641	46,531	4,517	--	--	--	--	1	46,641
1370-00-76	0010	STH 16	70+52	-	75+53		501	501	--	501	1	--	1	1	501
		STH 16	76+95	-	86+14		919	919	--	730	--	3	--	--	919
		STH 16	178+35	-	183+44	'X'	509	509	--	509	--	--	--	--	509
		STH 16	184+89	-	193+98	'X'	909	909	--	909	--	--	--	--	909
		E MAIN ST	10+00	-	11+97	'RE'	197	197	75	197	--	3	--	--	197
		E MAIN ST	13+44	-	17+76	'RE'	432	432	492	333	--	2	--	--	432
		E MAIN ST	99+25	-	101+26	'RW'	201	201	72	201	--	--	--	--	201
		E MAIN ST	102+68	-	106+56	'RW'	388	388	11	388	--	--	--	--	388
		TOTAL					4,056	4,056	650	3,768	1	8	1	1	4,056

SAWING

PROJECT ID	CATEGORY	LOCATION	STATION	OFFSET	ALIGNMENT	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF
1370-00-73	0010	Gopher Hill Road	135+00	LT/RT		50	--
		Ash Road	181+75	LT/RT		49	--
		Beggan Lane	203+75	LT		22	--
		Hustisford Road	243+25	LT/RT		57	--
		Tbar Lane	266+25	LT		19	--
		Main Street	289+00	LT		25	--
		STH 16	296+75	RT		43	--
		Hilltop Road	334+00	RT		22	--
		Highview Road/Marietta Avenue	354+00	LT/RT		46	--
		Hawthorne Drive	369+50	LT		24	--
		North Road/North Street	391+50	LT/RT		58	--
		STH 16	403+93	LT/RT		--	34
		STH 16	421+27	LT/RT		--	34
		River Valley Road	442+00	LT/RT		62	--
		STH 16	462+00	RT		14	--
		STH 16	469+75	LT		28	--
		Rock River Road	480+00	LT/RT		43	--
		End Project	483+85	LT/RT		--	48
		STH 19	93+11	LT/RT	'Z'	--	31
		TOTAL				562	147
1370-00-76	0010	Begin Project	70+53	LT/RT		--	28
		Main St	10+00	LT/RT	'RE'	28	--
		Frontage Rd	17+76	LT/RT	'RE'	34	--
		Oak Hill Rd	13+50	LT/RT	'OH'	22	--
		TOTAL				84	28

LANDMARK REFERENCE MONUMENTS

PROJECT ID	CATEGORY	LOCATION	STATION	SPV.0060.09 VERIFY LANDMARK REFERENCE MONUMENTS EACH
1370-00-73	0010	STH 16	238+69.75'X'	1
		TOTAL		1

MOWING ITEMS

PROJECT ID	CATEGORY	LOCATION	SPV.0060.02 MOWING MOBILIZATION EACH	SPV.0075.01 SITE MOWING HOURS
1370-00-73	0010	PROJECT	5	80
		TOTAL	5	80
1300-00-76	0010	PROJECT	5	10
		TOTAL	5	10

WATER

PROJECT ID	CATEGORY	LOCATION	624.0100 MGAL
1370-00-73	0010	PROJECT-BASE COMPACTION	2,300
		PROJECT-COMMON EXCAVATION	900
		TOTAL	3,200
1370-00-76	0010	PROJECT-BASE COMPACTION	100
		PROJECT-COMMON EXCAVATION	50
		TOTAL	150

CONDUIT

PROJECT ID	CATEGORY	FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
1370-00-76	0010	CB1	PB1	-	16
		PB1	PB3	26	-
		PB3	LP2	15	-
		PB3	PB4	48	-
		PB4	PB5	156	-
		PB5	LP3	11	-
		PB1	PB2	50	-
		PB2	LP1	5	-
		PB2	PB15	87	-
		PB15	PB16	65	-
		PB16	LP12	5	-
		PB16	PB19	101	-
		PB19	LP17	5	-
		PB15	PB18	-	80
		PB18	LP16	8	-
		PB18	PB20	121	-
		PB20	LP13	17	-
		PB20	PB21	94	-
		PB21	LP14	6	-
		PB21	PB14	-	75
		PB14	LP11	14	-
		PB14	PB22	-	107
		PB22	LP15	17	-
		PB4	PB6	-	53
		PB6	LP4	15	-
		PB6	PB7	94	-
		PB7	LP5	14	-
		PB7	PB8	55	-
		PB8	PB9	89	-
		PB9	LP6	5	-
		PB8	PB11	-	72
		PB11	LP8	14	-
		PB11	PB13	78	-
		PB13	LP10	14	-
		PB13	PB14	132	-
		PB11	PB12	147	-
		PB12	LP9	5	-
		PB12	PB10	106	-
		PB10	LP7	5	-
TOTAL				1,624	403

LIGHTING-MISCELLANEOUS

PROJECT ID	CATEGORY	DESCRIPTION	654.0230 CONCRETE CONTROL CABINET BASES TYPE L30 EACH	656.0201 ELECTRICAL SERVICE METER BREAKER PEDESTAL STH 16 & MAIN STREET EACH	659.2130 LIGHTING CONTROL CABINETS 120/240 30-INCH EACH
1370-00-76	0010	L-16-ST	1	1	1
		TOTAL	1	1	1

WIRE

PROJECT ID	CATEGORY	FROM	TO	655.0620 ELECTRICAL WIRE LIGHTING 8 AWG LF
1370-00-76	0010	CB1	PB1	124
		PB1	PB3	164
		PB3	LP2	92
		PB3	PB4	252
		PB4	PB5	684
		PB5	LP3	76
		PB1	PB2	260
		PB2	LP1	52
		PB2	PB15	408
		PB15	PB16	320
		PB16	LP12	52
		PB16	PB19	464
		PB19	LP17	52
		PB15	PB18	380
		PB18	LP16	64
		PB18	PB20	544
		PB20	LP13	100
		PB20	PB21	436
		PB21	LP14	56
		PB21	PB14	-
		PB14	LP11	88
		PB14	PB22	488
		PB22	LP15	100
		PB4	PB6	272
		PB6	LP4	92
		PB6	PB7	436
		PB7	LP5	88
		PB7	PB8	280
		PB8	PB9	416
		PB9	LP6	52
		PB8	PB11	348
		PB11	LP8	88
		PB11	PB13	372
		PB13	LP10	88
		PB13	PB14	588
		PB11	PB12	648
		PB12	LP9	52
		PB12	PB10	484
		PB10	LP7	52
TOTAL				9,612

POLES

PROJECT ID	CATEGORY	POLE I.D. OR LOCATION	657.0255 TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0322 POLES TYPE 5-ALUMINUM EACH	654.0105 CONCRETE BASES TYPE 5 EACH
1370-00-76	0010	LP1	1	1	1
		LP2	1	1	1
		LP3	1	1	1
		LP4	1	1	1
		LP5	1	1	1
		LP6	1	1	1
		LP7	1	1	1
		LP8	1	1	1
		LP9	1	1	1
		LP10	1	1	1
		LP11	1	1	1
		LP12	1	1	1
		LP13	1	1	1
		LP14	1	1	1
		LP15	1	1	1
		LP16	1	1	1
		LP17	1	1	1
		TOTAL	17	17	17

PULL BOXES

PROJECT ID	CATEGORY	PULL BOX NO.	LOCATION***	ALIGNMENT	653.0140 PULL BOXES STEEL 24X42-INCH EACH
1370-00-76	0010	PB1	0+41.32	STH CR	1
		PB2	75+02.40	STH 16 EB	1
		PB3	0+56.76	STH CR	1
		PB4	100+87.03	Main Street WB	1
		PB5	99+24.85	Main Street WB	1
		PB6	11+57.54	Main Street EB	1
		PB7	1+44.61	STH 16 CR	1
		PB8	77+47.70	STH 16 EB	1
		PB9	78+09.04	STH 16 EB	1
		PB10	187+86.90 28.97' LT	STH 16 WB	1
		PB11	185+28.77	STH 16 WB	1
		PB12	186+81.30 29.02' LT	STH 16 WB	1
		PB13	13+47.26	Main Street EB	1
		PB14	14+55.55	Main Street EB	1
		PB15	74+15.68 33.29' RT	STH 16 EB	1
		PB16	73+52.21 31.28' RT	STH 16 EB	1
		PB18	182+04.84 27.58' LT	STH 16 WB	1
		PB19	72+53.97 38.09' RT	STH 16 EB	1
		PB20	183+42.79	STH WB	1
		PB21	103+54.36	Main Street WB	1
		PB22	10+19.76 34.93' LT	Main Street EB	1
TOTAL					21

*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD. OFFSET IS 2.5' FROM FOC UNLESS OTHERWISE NOTED.

ARMS

PROJECT ID	CATEGORY	POLE I.D. OR LOCATION	657.0710 LUMINAIRE ARMS TRUSS TYPE 4 1/2-INCH CLAMP 12-FT EACH	659.1120 LUMINAIRES UTILITY LED B EACH	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF
1370-00-76	0010	LP1	1	1	141
		LP2	1	1	141
		LP3	1	1	141
		LP4	1	1	141
		LP5	1	1	141
		LP6	1	1	141
		LP7	1	1	141
		LP8	1	1	141
		LP9	1	1	141
		LP10	1	1	141
		LP11	1	1	141
		LP12	1	1	141
		LP13	1	1	141
		LP14	1	1	141
		LP15	1	1	141
		LP16	1	1	141
		LP17	1	1	141
		TOTAL	17	17	2397

COMPOSITE DRAWING, ORIGINAL ON FILE AT THE COUNTY REGISTER OF DEEDS OFFICE

TRANSPORTATION PROJECT PLAT NO: 1370-00-26-4.01

THAT PART OF LOT 2 OF CSM 4596, PART OF LOT 8 OF THE PLAT OF OAKRIDGE MEADOWS, PART OF THE OMC CONDOMINIUM PLAT LOCATED IN PART OF THE NE 1/4 OF THE NE 1/4 AND PART OF OUTLOT 56 OF MAP OF OUTLOTS AND SUBDIVISIONS OF LOTS 1ST, 2ND AND 7TH WARDS, PART OF THE OMC CONDOMINIUM PLAT, PART OF LOT 8 OF THE PLAT OF OAKRIDGE MEADOWS LOCATED IN PART OF THE SE1/4 OF THE NE1/4 ALL IN SECTION 3, TOWNSHIP 8 NORTH, RANGE 15 EAST, CITY OF WATERTOWN, JEFFERSON COUNTY, WISCONSIN.

RELOCATION ORDER - STH 16, WATERTOWN - WAUKESHA (MAIN ST/OAK HILL RD INTERSECTION), JEFFERSON COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), JEFFERSON COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, CENTERLINE OF EXISTING PAVEMENTS AND/OR EXISTING OCCUPATIONAL LINES.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

PROPERTY LINES SHOWN ON THIS PLAT FOR PROPERTIES BEING IMPACTED ARE DRAWN FROM DATA DERIVED FROM FILED/RECORDED MAPS AND DOCUMENTS OF PUBLIC RECORD. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON, WI.

PARCEL AND UTILITY IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE TPP DETAIL PAGES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR STH 16: R/W PLAT F06-2(17), PLAT OF OAKRIDGE MEADOWS, OMC CONDOMINIUM PLAT, CSM 4596, AFFIDAVIT OF CORRECTION DOC. 1154120 AND EXISTING CENTERLINE.

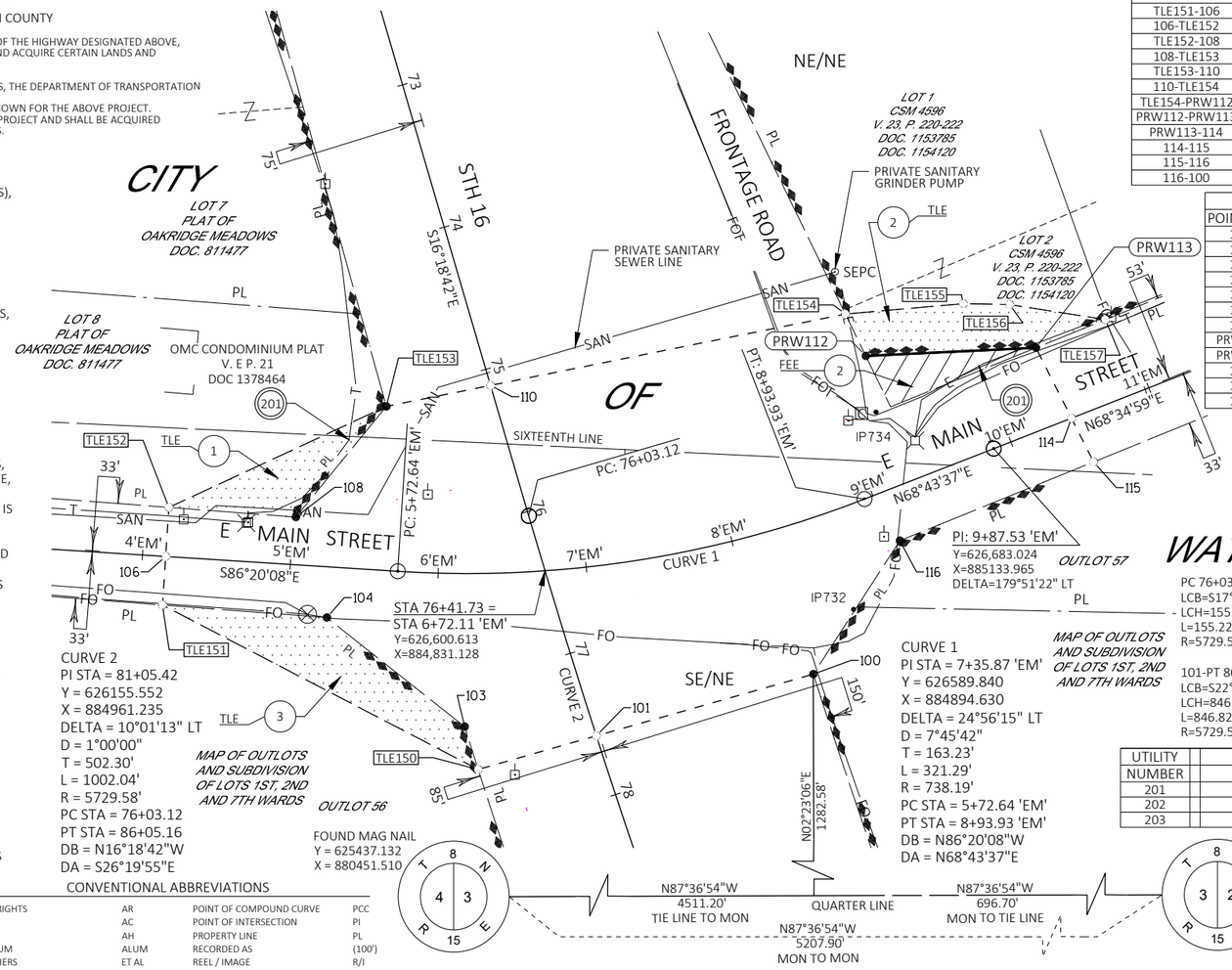
EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR E MAIN ST: R/W PLAT F06-2(17), PLAT OF OAKRIDGE MEADOWS, OMC CONDOMINIUM PLAT, CSM 4596, AND EXISTING CENTERLINE.

EXISTING ACCESS CONTROL ALONG STH 16 HAS BEEN ESTABLISHED FROM R/W PLAT F06-2(17), PLAT OF OAKRIDGE MEADOWS, CSM 4596 AND AFFIDAVIT OF CORRECTION DOC. 1154120. EXISTING ACCESS CONTROL ALONG E MAIN ST HAS BEEN ESTABLISHED FROM R/W PLAT F06-2(17), PLAT OF OAKRIDGE MEADOWS, CSM 4596 AND AFFIDAVIT OF CORRECTION DOC. 1154120.

SIXTEENTH LINES WERE ESTABLISHED BY SECTION BREAKDOWN OF OBSERVED PLSS MONUMENTS

ALL TLES ARE FOR SLOPE GRADING PURPOSES

THE PLAT ALIGNMENT IS EXISTING CONDITIONS AND DIFFERS FROM PLAN ALIGNMENTS DUE TO ROUNDABOUT



CURVE 2
PI STA = 81+05.42
Y = 626155.552
X = 884961.235
DELTA = 10°01'13" LT
D = 1°00'00"
T = 502.30'
L = 1002.04'
R = 5729.58'
PC STA = 76+03.12
PT STA = 86+05.16
DB = N16°18'42"W
DA = S26°19'55"E

CURVE 1
PI STA = 7+35.87 'EM'
Y = 626589.840
X = 884894.630
DELTA = 24°56'15" LT
D = 7°45'42"
T = 163.23'
L = 321.29'
R = 738.19'
PC STA = 5+72.64 'EM'
PT STA = 8+93.93 'EM'
DB = N86°20'08"W
DA = N68°43'37"E

COURSE TABLE		
COURSE	BEARING	DISTANCE
100-101	S74° 08' 26"W	152.20'
101-TLE150	S74° 08' 26"W	82.93'
TLE150-103	N17° 34' 32"W	30.25'
103-104	N51° 38' 01"W	118.63' (119.22')
104-TLE151	N85° 37' 21"W	111.21'
TLE151-106	N03° 45' 43"E	32.81'
106-TLE152	N03° 45' 43"E	33.20'
TLE152-108	S85° 37' 21"E	85.96'
108-TLE153	N39° 14' 02"E	96.46' (96.99')
TLE153-110	N78° 37' 48"E	71.78'
110-TLE154	N78° 37' 48"E	244.29'
TLE154-PRW112	S25° 55' 57"E	31.44'
PRW112-PRW113	N87° 14' 45"E	114.99'
PRW113-114	S26° 46' 38"E	53.24'
114-115	S26° 46' 38"E	33.05'
115-116	S67° 53' 17"W	141.07'
116-100	S32° 58' 19"W	107.45' (108.25')

STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
100	8+27.78'EM'	100.97' RT
101	77+58.34	0.00' RT
103	6+18.05'EM'	103.32' RT
104	5+26.84'EM'	34.19' RT
106	4+15.70'EM'	0.00' RT
108	5+01.71'EM'	32.13' LT
110	75+11.33	0.00' RT
PRW112	9+29.78'EM'	89.66' LT
PRW113	10+38.95'EM'	53.01' LT
114	10+43.92'EM'	0.00' RT
115	10+47.01'EM'	32.90' RT
116	9+06.03'EM'	34.82' RT

TLE STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
TLE150	6+25.86'EM'	132.18' RT
TLE151	4+15.64'EM'	32.81' RT
TLE152	4+15.75'EM'	33.20' LT
TLE153	5+57.81'EM'	110.59' LT
TLE154	9+27.23'EM'	120.99' LT
TLE155	10+04.15'EM'	98.64' LT
TLE156	10+33.04'EM'	86.65' LT
TLE157	10+89.51'EM'	53.62' LT

PC 76+03.12-101
LCB=S17°05'16"E
LCH=155.21'
L=155.22'
R=5729.58'

101-PT 86+05.16
LCB=S22°05'52"E
LCH=846.05'
L=846.82'
R=5729.58'

(201) AT&T (COMMUNICATIONS)
NO RECORD OF EASEMENT - PAR. 1 & PAR. 2

(202) WISCONSIN ELECTRIC POWER COMPANY
DOC. 812666 - PARCEL 1

(203) CITY OF WATERTOWN (SANITARY)
DOC. 1003158 - PARCEL 1

UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
201	AT&T (COMMUNICATIONS)	RELEASE OF RIGHTS
202	WISCONSIN ELECTRIC POWER COMPANY	RELEASE OF RIGHTS
203	CITY OF WATERTOWN (SANITARY)	RELEASE OF RIGHTS

1473027

Office of Register of Deeds
Jefferson County, WI
RECEIVED FOR RECORD
04/14/2023 01:25:13 PM
Staci M. Hoffman
Total Pages: 1
REC FEE: 25.00
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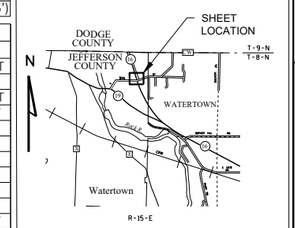
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1370-00-26-4.01
AMENDMENT NO:___

LOCATION SKETCH NOT TO SCALE



CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING
TO BE REMOVED
BRIDGE
CULVERT
PARALLEL OFFSETS
SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED)
ELECTRIC POLE
TELEPHONE POLE
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)
COMPENSABLE
NON-COMPENSABLE
ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
PARCEL NUMBER
UTILITY NUMBER

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF COMPOUND CURVE	PCC
ACRES	AC	POINT OF INTERSECTION	PI
AHEAD	AH	PROPERTY LINE	PL
ALUMINUM	ALUM	RECORDED AS	(100')
AND OTHERS	ET AL	REEL / IMAGE	R/I
BACK	BK	REFERENCE LINE	R/L
BLOCK	BLK	REMAINING	REM
CENTERLINE	C/L	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CERTIFIED SURVEY MAP	CSM	RIGHT	RT
CONCRETE	CONC	RIGHT OF WAY	R/W
COUNTY	CO	SECTION	SEC
COUNTY TRUNK HIGHWAY	CTH	SEPTIC VENT	SEPV
DISTANCE	DIST	SQUARE FEET	SF
CORNER	COR	STATE TRUNK HIGHWAY	STH
DOCUMENT NUMBER	DOC	STATION	STA
EASEMENT	EASE	TELEPHONE PEDESTAL	TP
EXISTING	EX	TEMPORARY LIMITED EASEMENT	TLE
GAS VALVE	GV	TRANSPORTATION PROJECT PLAT	TPP
GRID NORTH	GN	UNITED STATES HIGHWAY	USH
HIGHWAY EASEMENT	HE	VOLUME	V
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		

CURVE DATA ABBREVIATIONS

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ /DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL UTILITY SYMBOLS

WATER — W
GAS — G
TELEPHONE — T
OVERHEAD TRANSMISSION LINES — OH
ELECTRIC — E
CABLE TELEVISION — TV
FIBER OPTIC — FO
SANITARY SEWER — SAN
STORM SEWER — SS
ELECTRIC TOWER

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNERS	INTERESTS REQUIRED	R/W SF REQUIRED NEW	R/W SF REQUIRED EXISTING	R/W SF REQUIRED TOTAL	TLE SF
1	CARY J GILLINGHAM & RRFAC PROPERTIES, LLC	TLE	---	---	---	3402
2	J & T RENTALS, LLC	FEE/TLE	2019	---	2019	4322
3	GOOD SHEPHERD LUTHERAN CHURCH, WATERTOWN, WISCONSIN	TLE	---	---	---	6253

EXISTING MONUMENTS			
POINT	Y (NORTHING)	X (EASTING)	DESCRIPTION
IP732	626574.568	885039.333	1.25" O.D. PIPE TIPPED
IP734	626707.730	885054.540	1.25" O.D. PIPE

emcs.inc

I, KEVIN C. BOYER PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

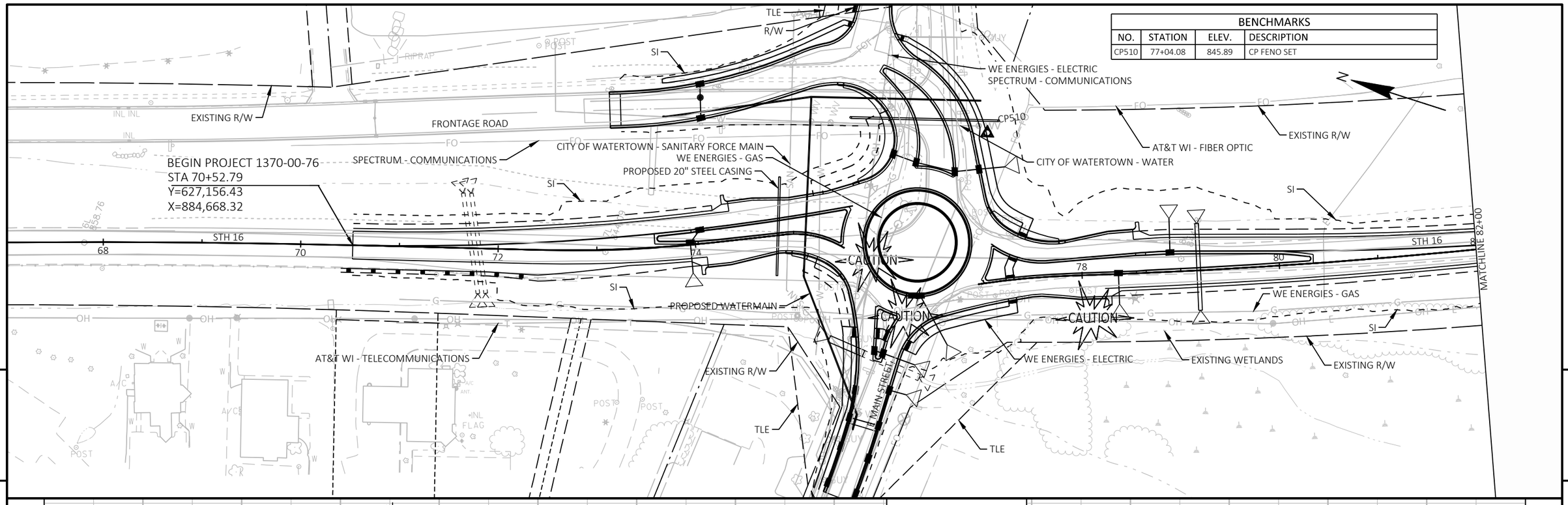
WISCONSIN KEVIN C. BOYER S-2675 HEWITT WI LAND SURVEYOR

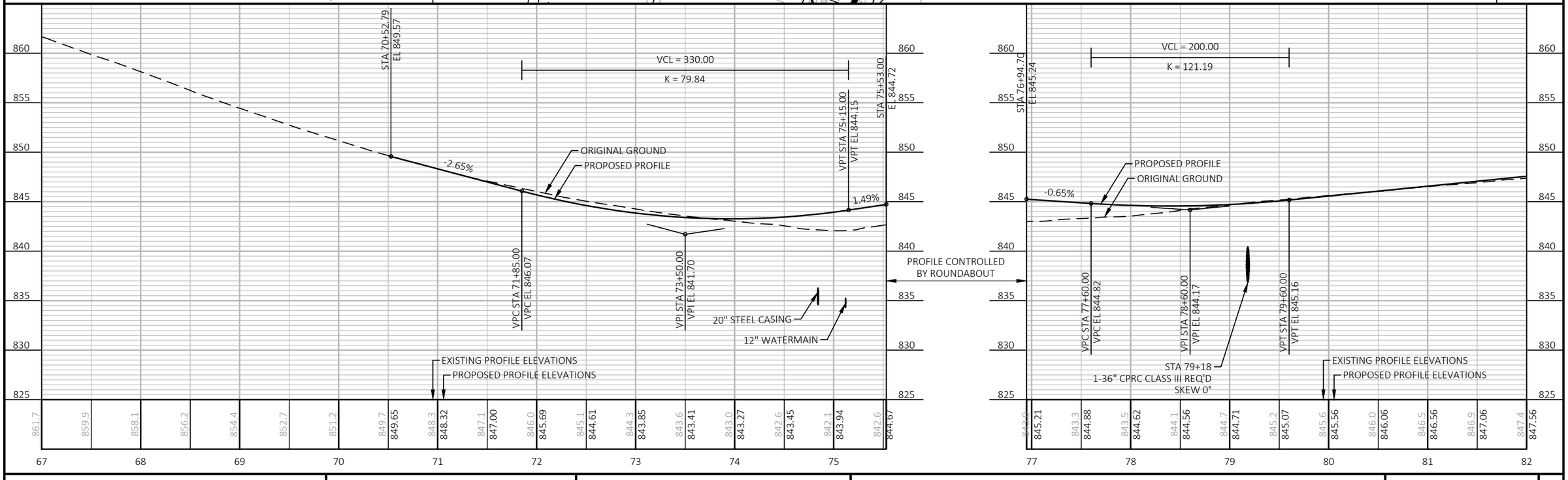
SIGNATURE: Kevin C. Boyer DATE: 4/14/2023
PRINT NAME: KEVIN C. BOYER
REGISTRATION NUMBER: S-2675

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE THE DEPARTMENT OF TRANSPORTATION
SIGNATURE: Cory Schlagel DATE: 4/14/2023
PRINT NAME: CORY SCHLAGEL

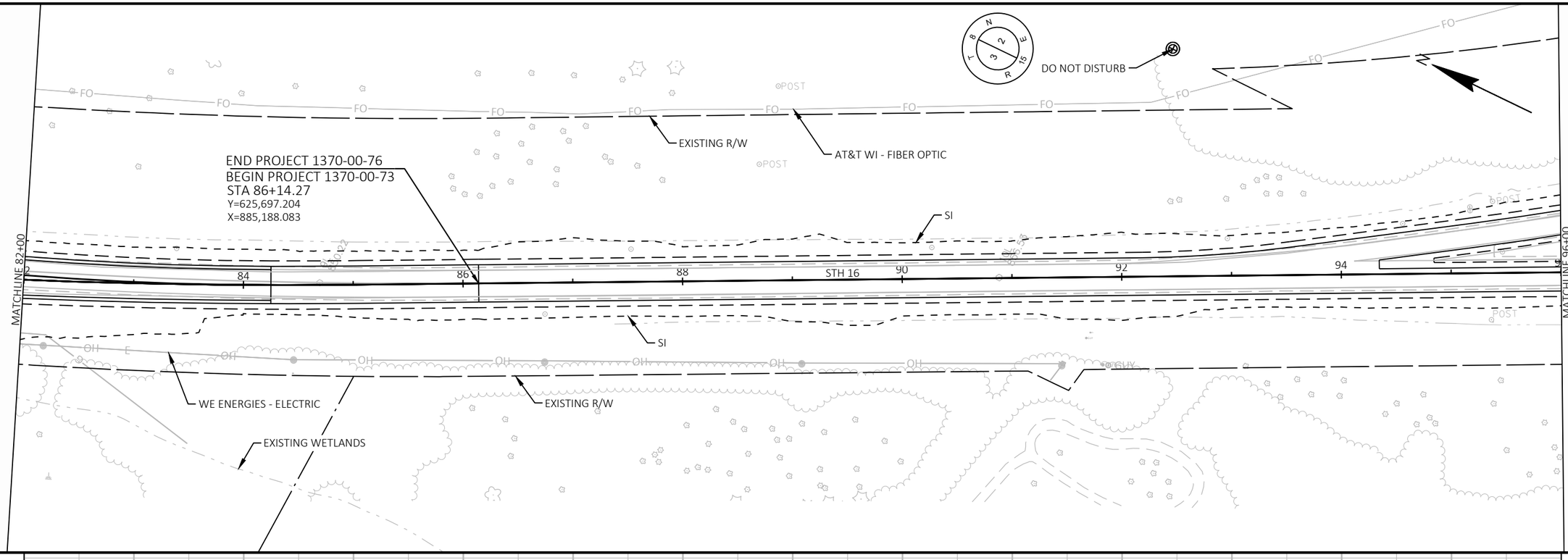
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\TPP\040101-RP.DWG
APPRAISAL PLAT DATE : 12/19/2022
PLOT DATE : 4/14/2023 9:02 AM
PLOT BY : TODD COPISKEY
PLOT NAME :
PLOT SCALE: 1 IN: 50 FT
1370-00-26-4.01

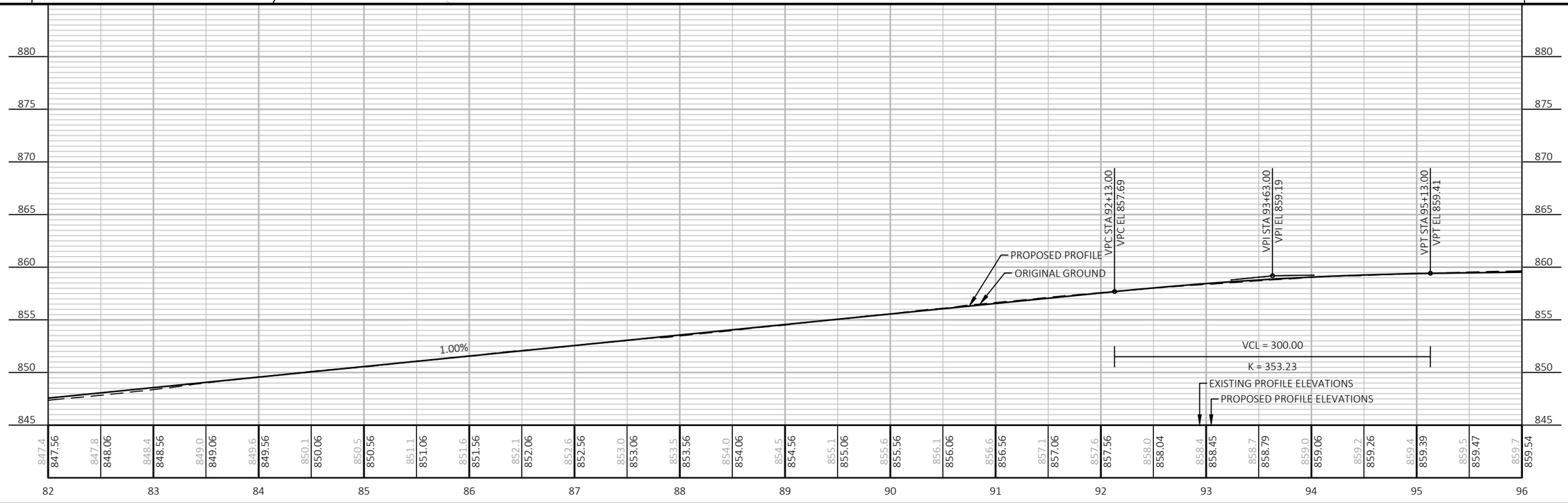
BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
CP510	77+04.08	845.89	CP FENO SET



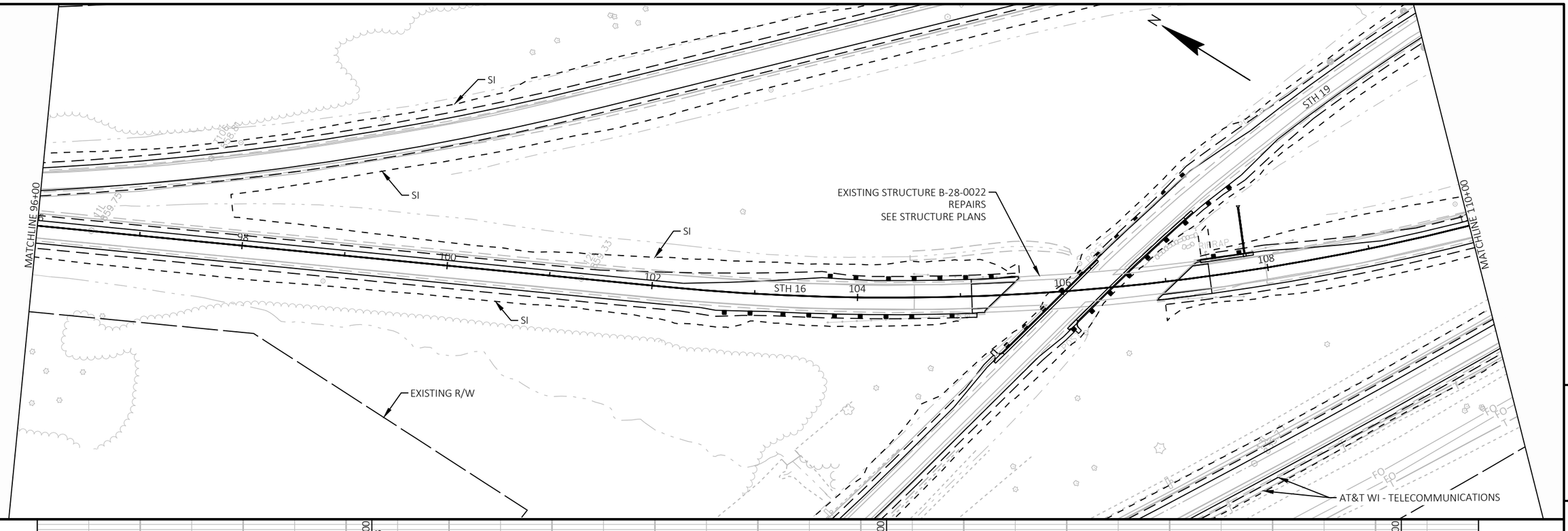


PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 210	E





PROJECT NO: 1370-00-73/76	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 211	E



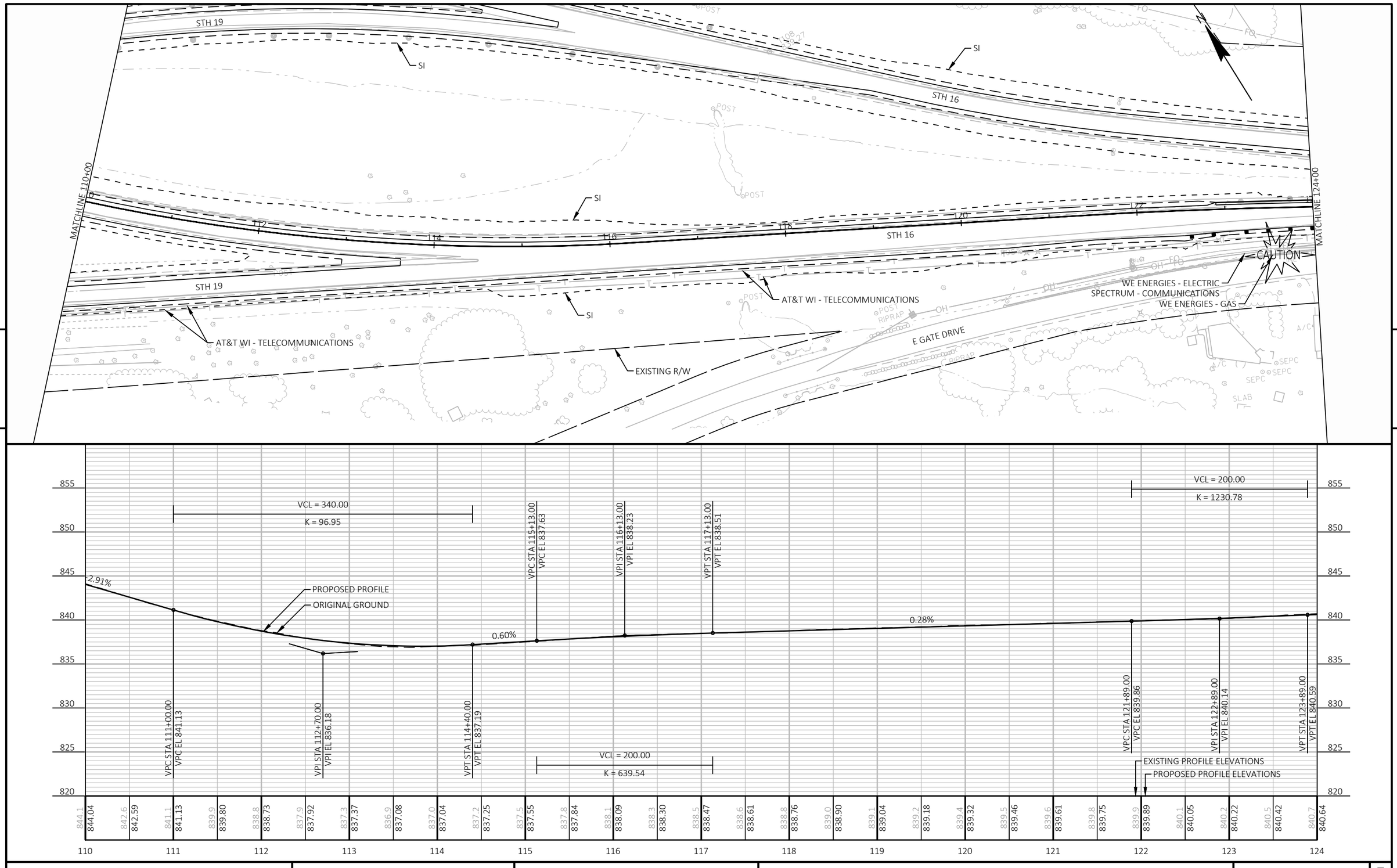
5

5

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 212	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050103

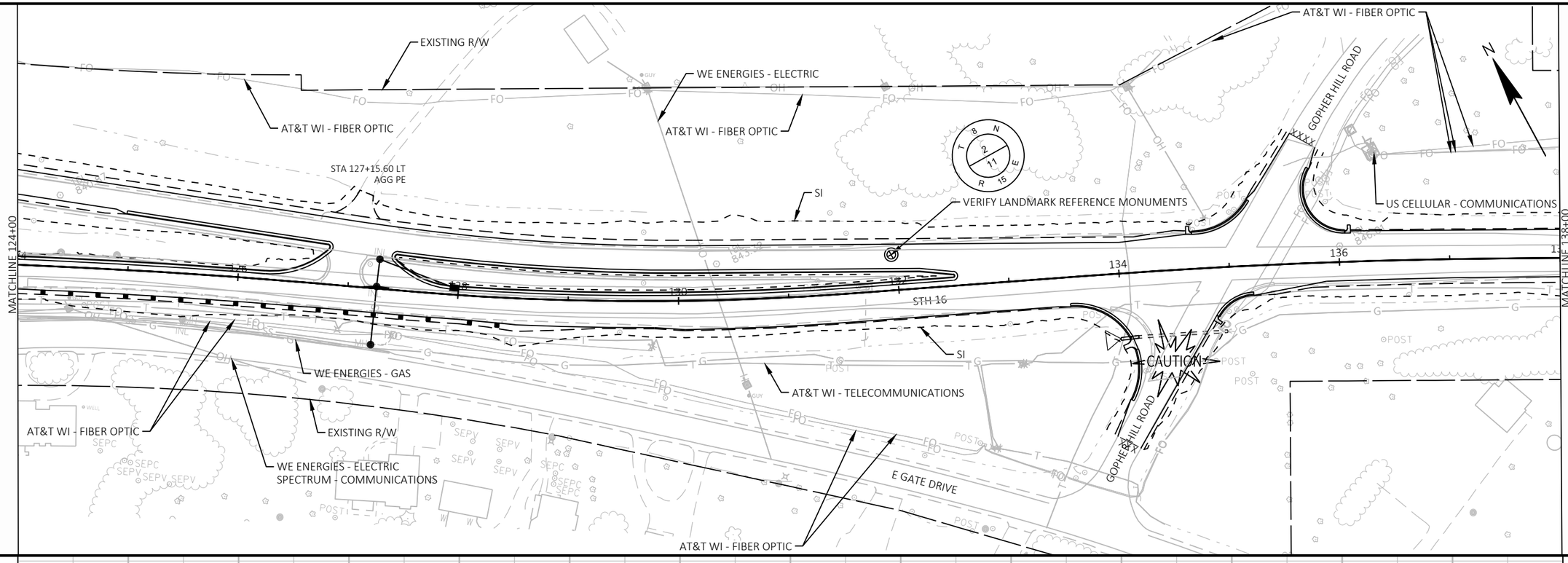
PLOT DATE : 8/28/2024 2:43 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

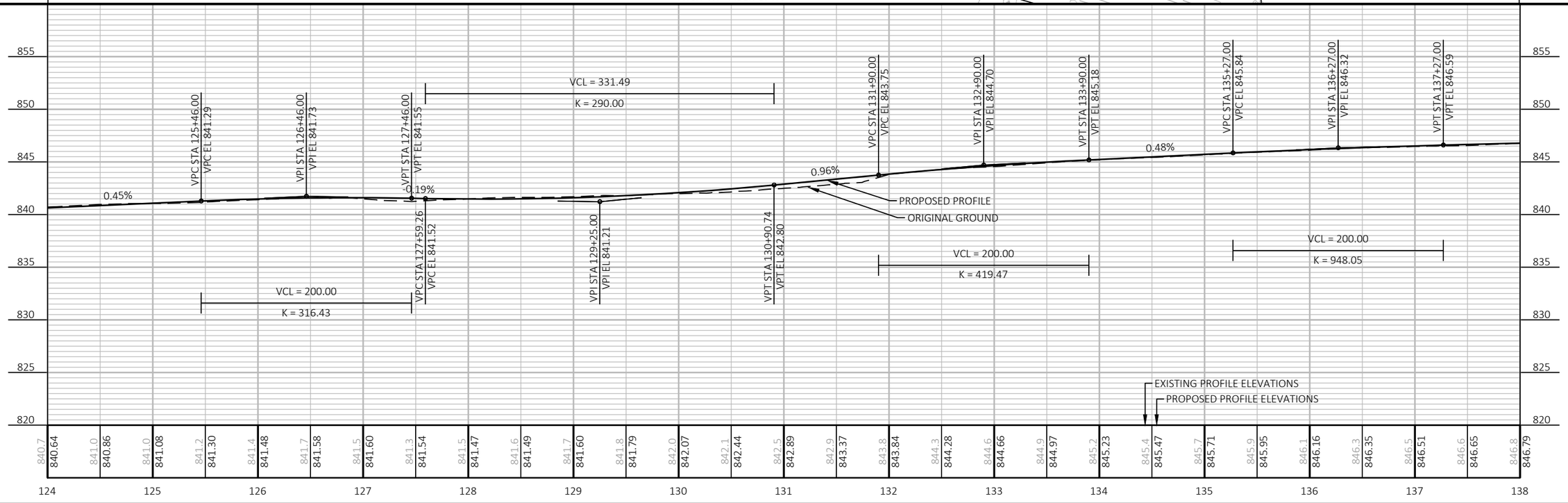


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 213	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050104

PLOT DATE : 8/28/2024 2:43 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

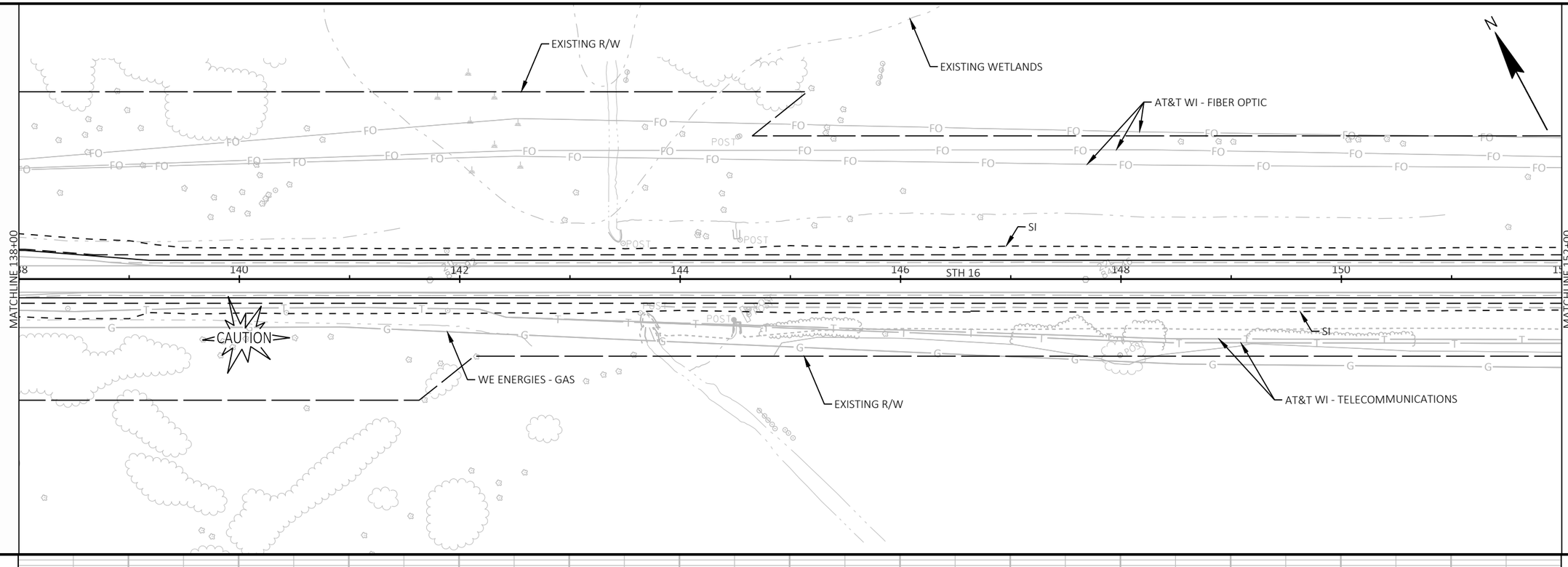




PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 214	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050105

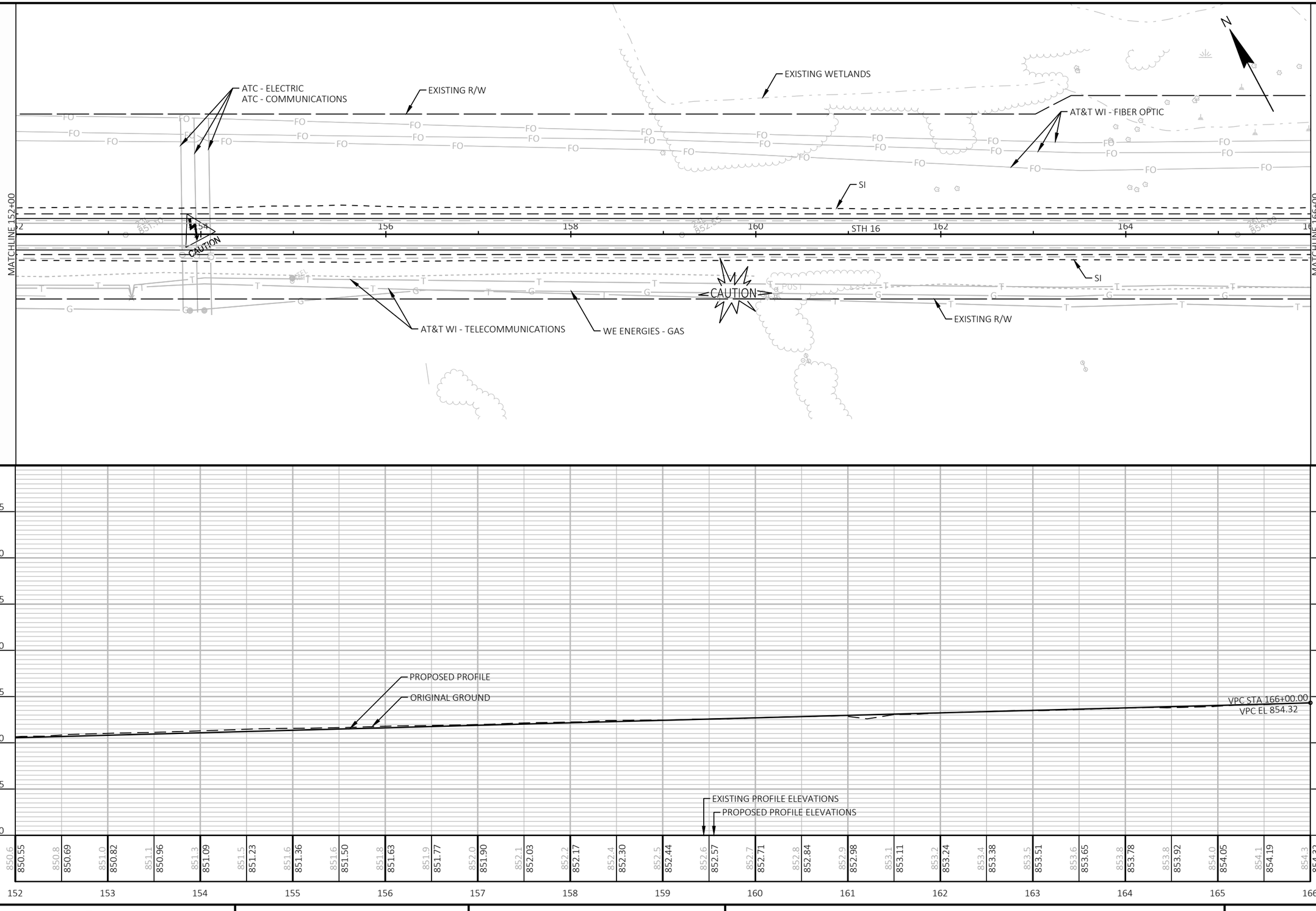
PLOT DATE : 8/28/2024 2:43 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT



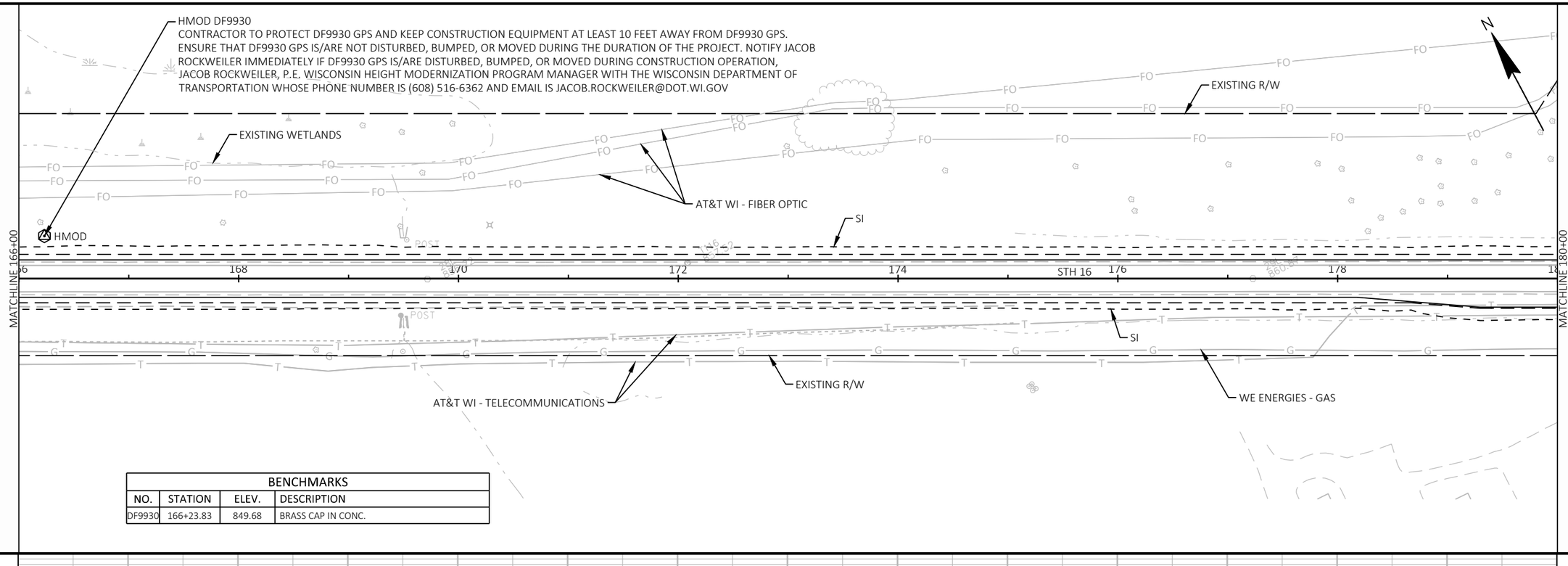
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 215	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050106

PLOT DATE : 8/28/2024 2:44 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 216	E

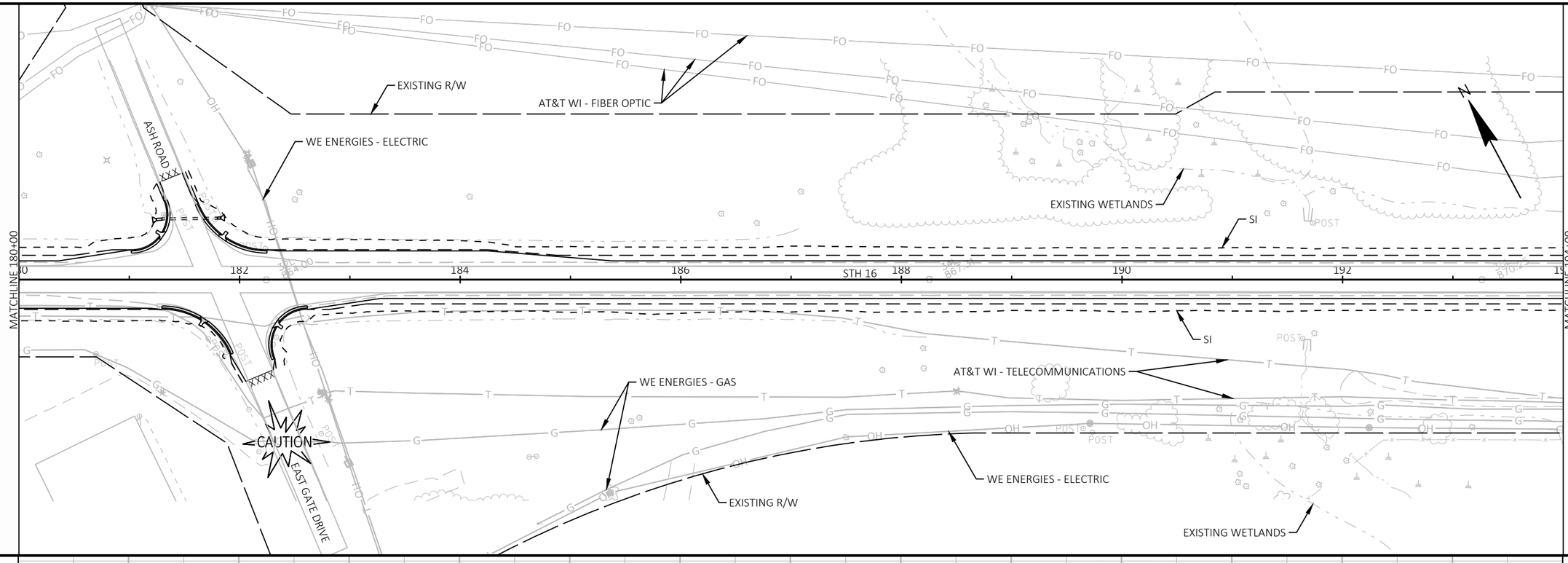


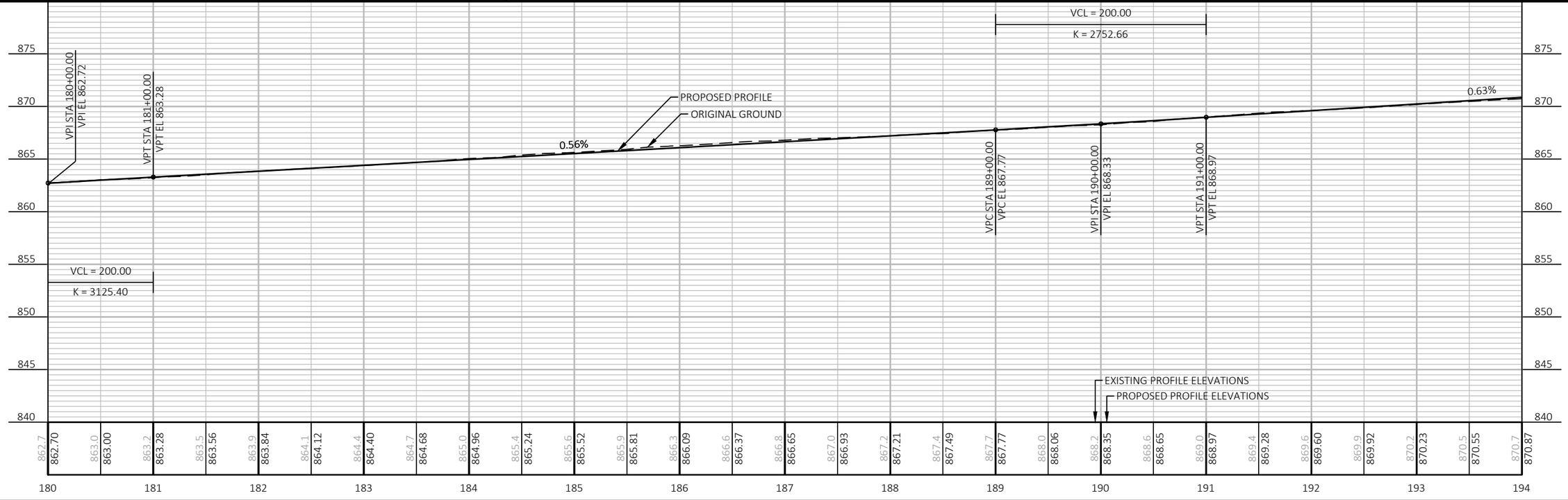
BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
DF9930	166+23.83	849.68	BRASS CAP IN CONC.

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 217 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050108

PLOT DATE : 8/28/2024 2:44 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT



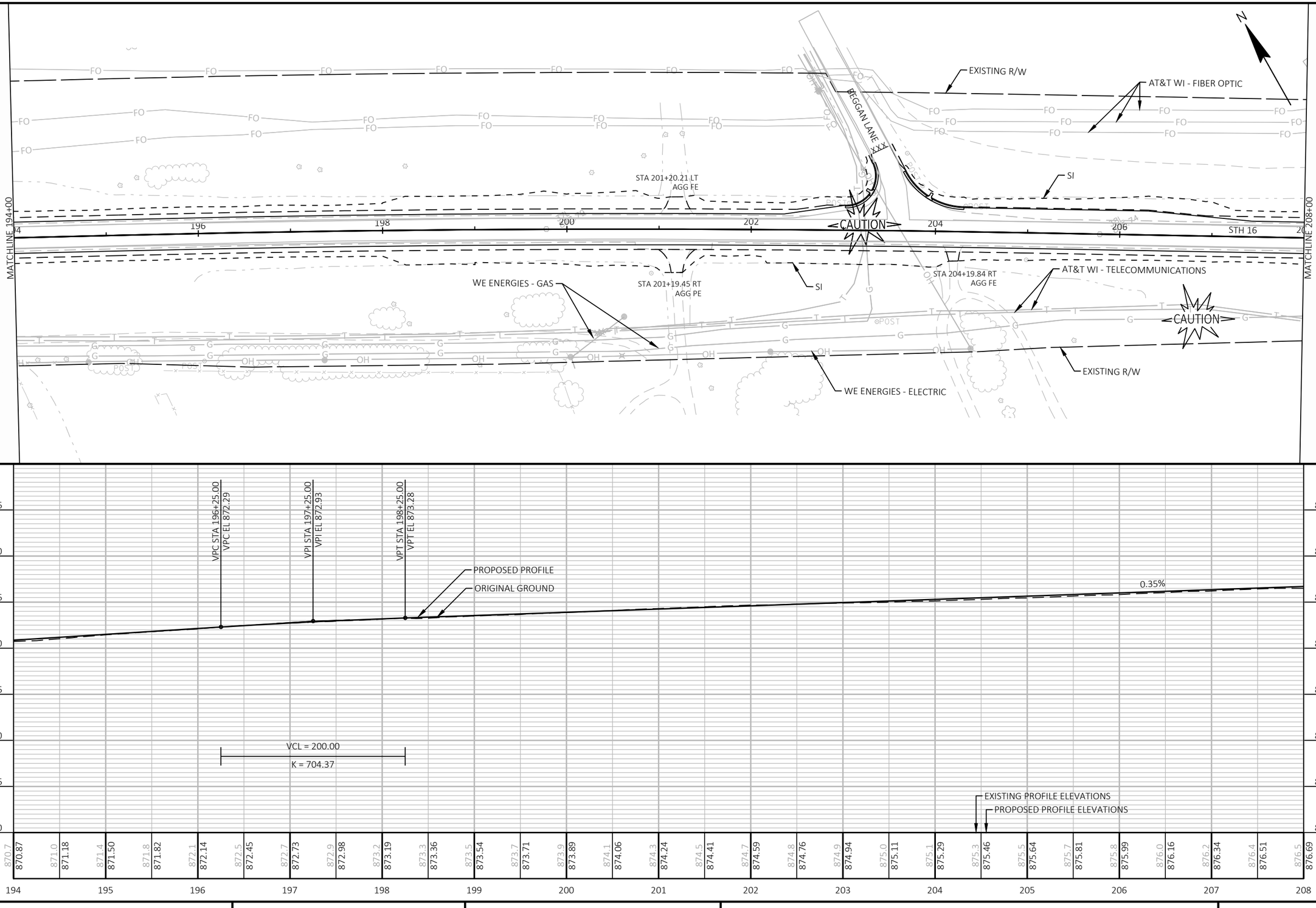


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 218	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050109

PLOT DATE : 8/28/2024 2:44 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

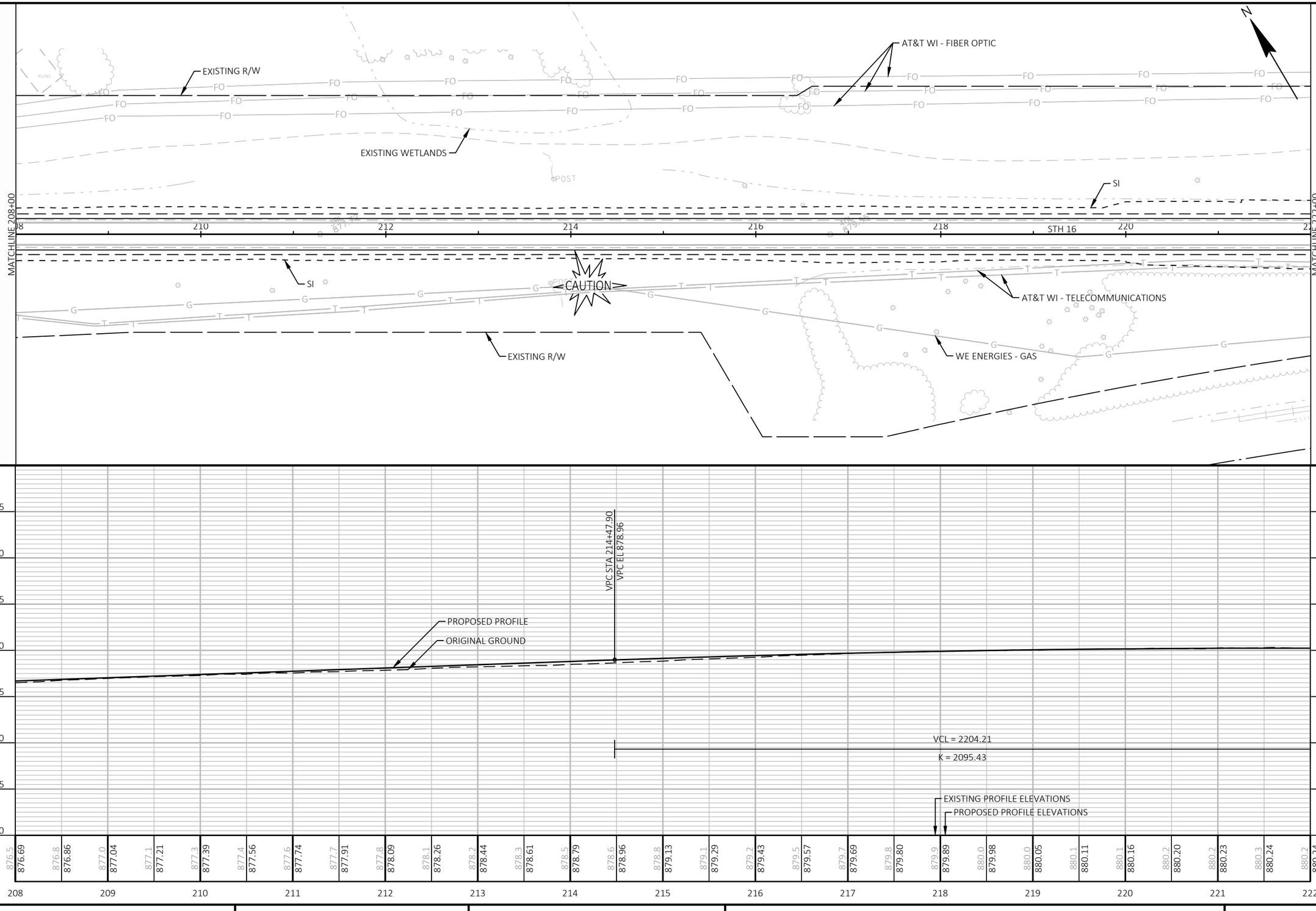
WISDOT/CADDS SHEET 44



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 219 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050110

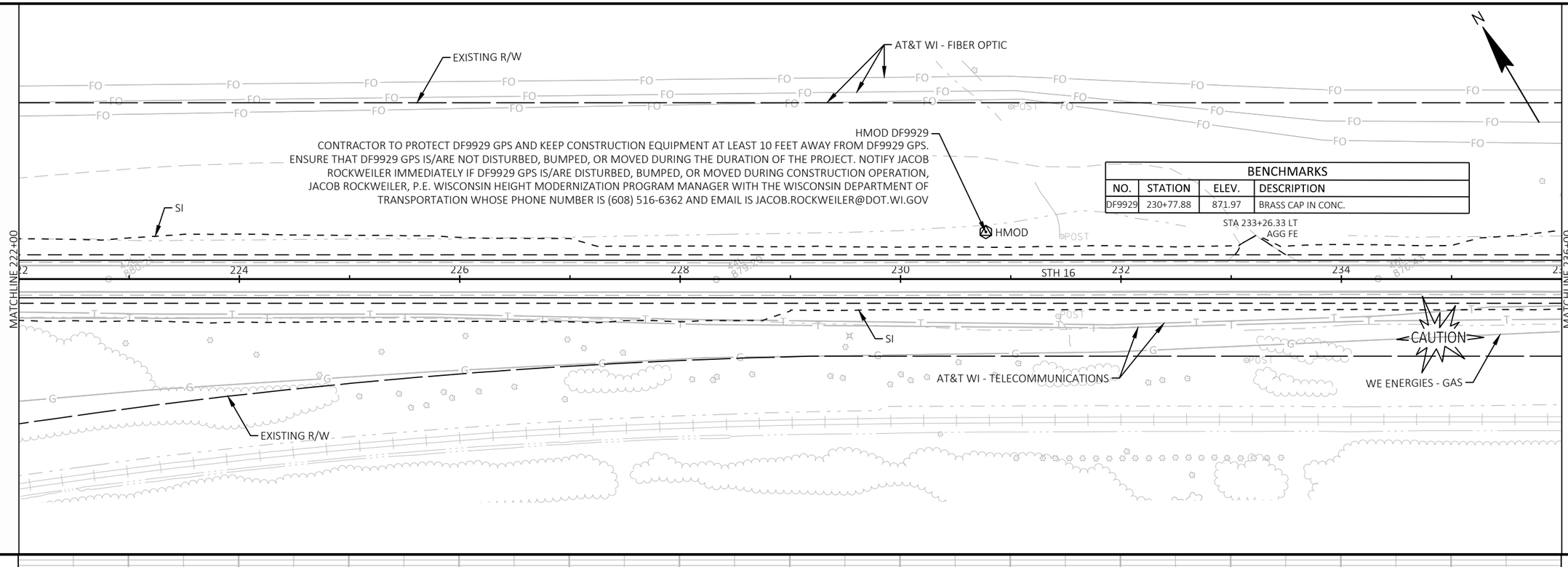
PLOT DATE : 8/28/2024 2:45 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 220	E

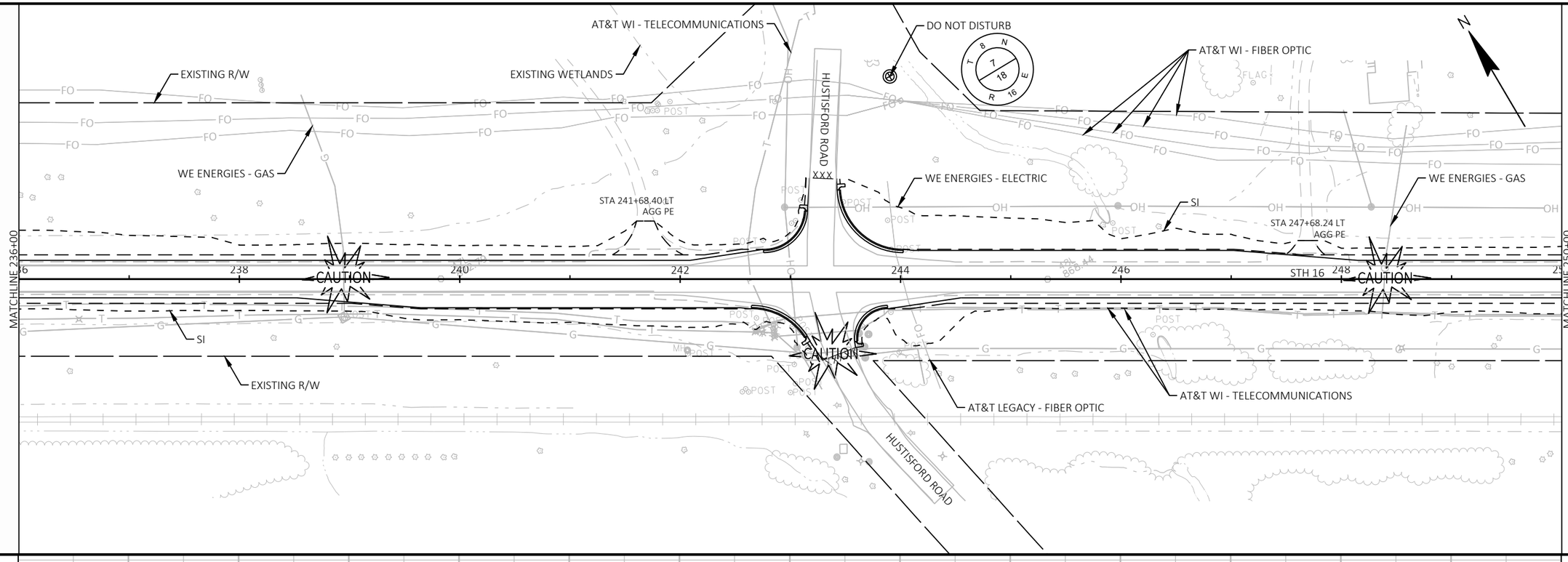
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050111

PLOT DATE : 8/28/2024 2:45 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 221	E

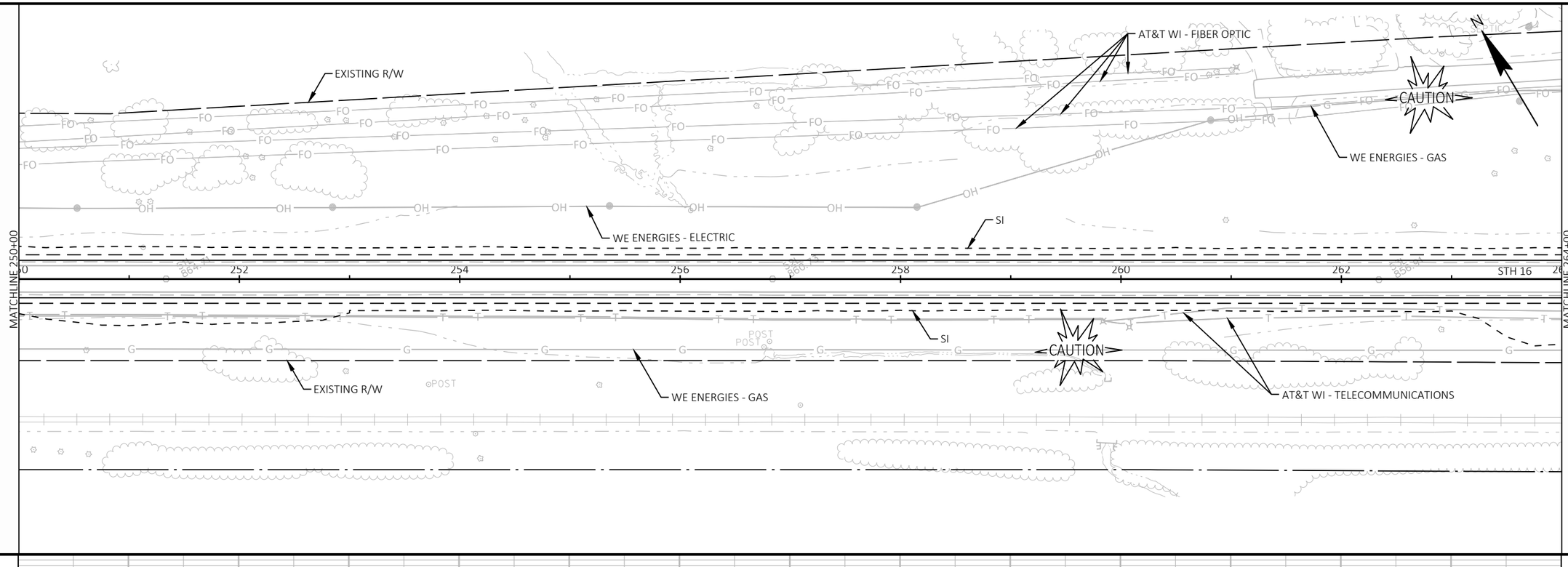
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050112
PLOT DATE : 8/28/2024 2:45 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

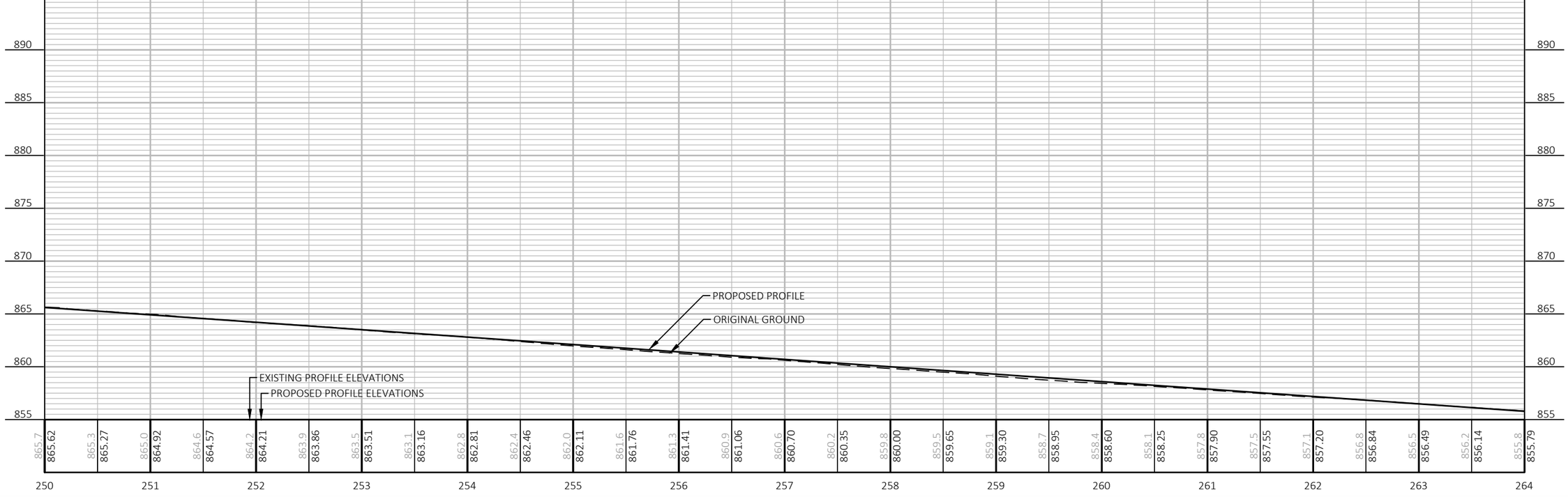


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 222	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050113

PLOT DATE : 8/28/2024 2:45 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

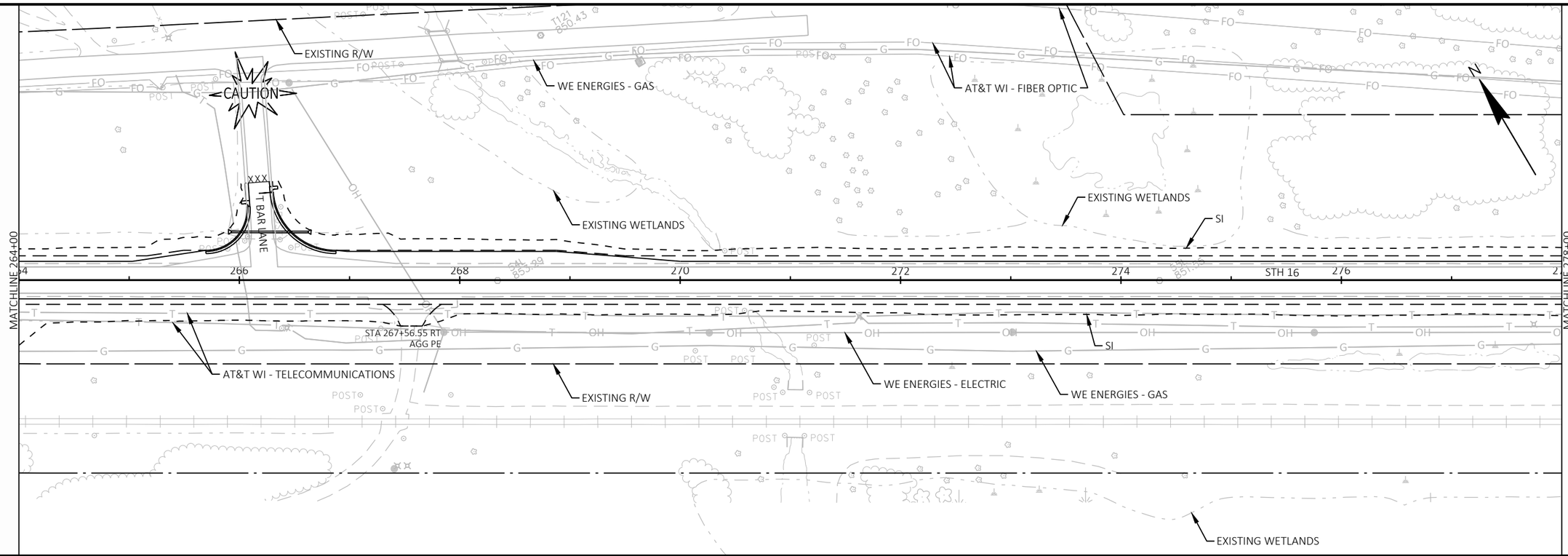


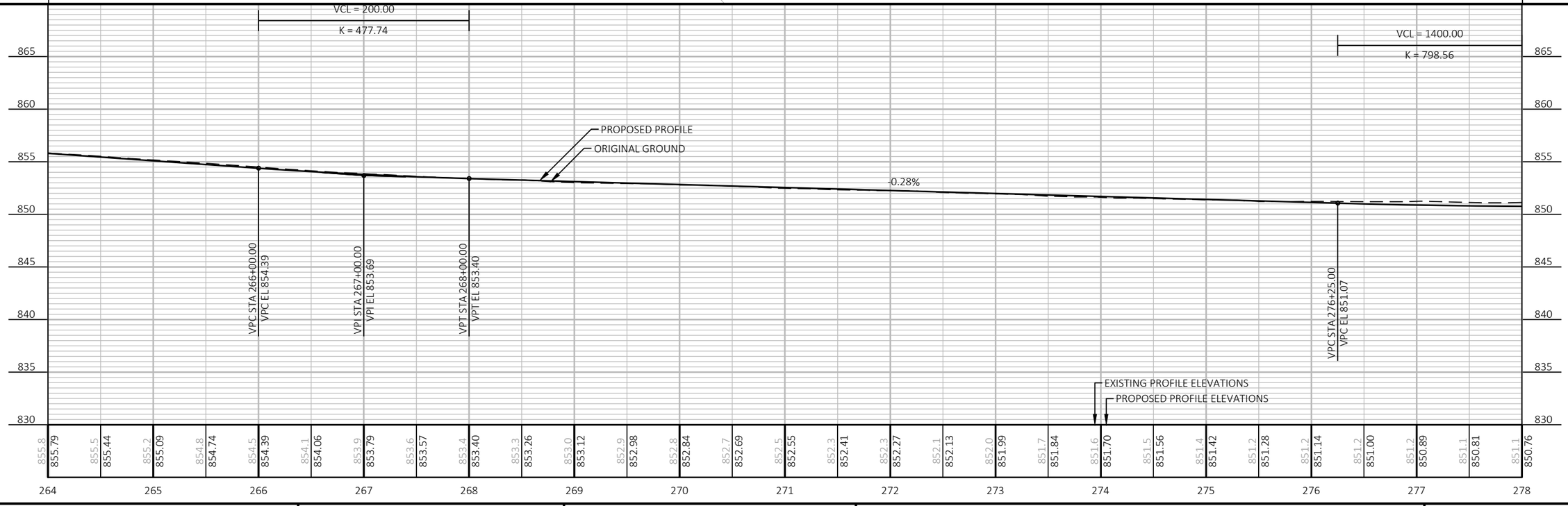


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 223	E

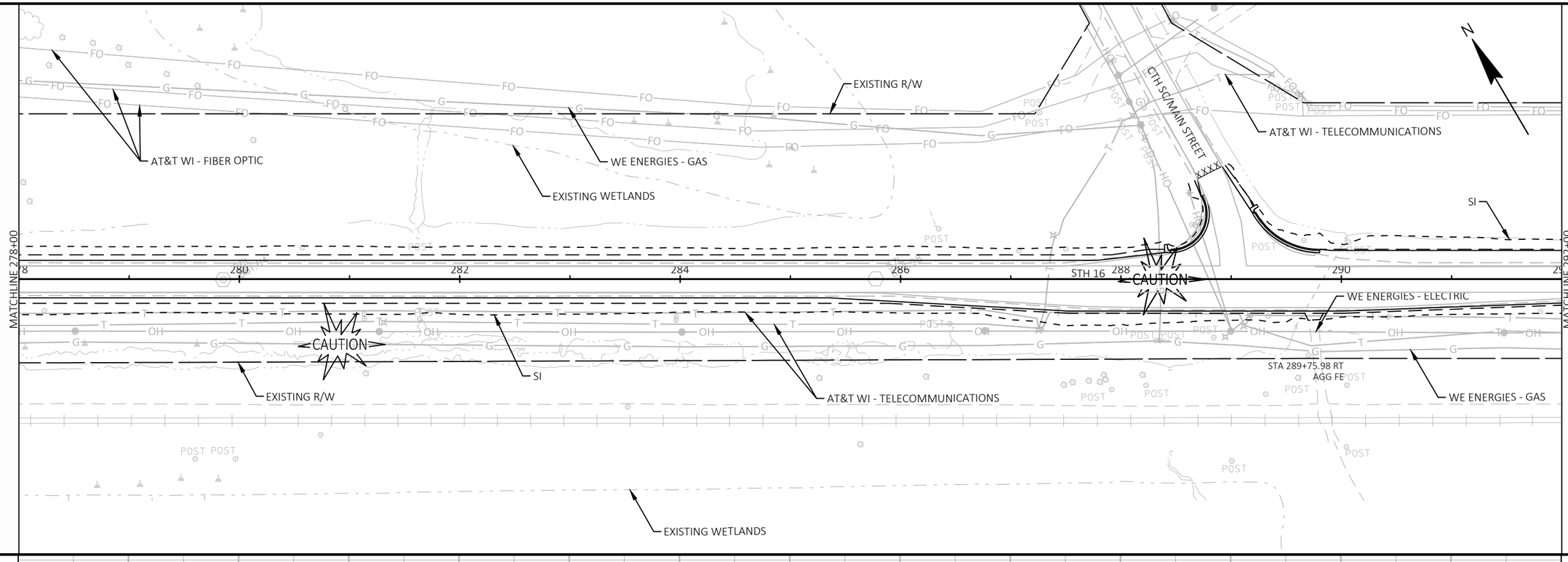
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050114

PLOT DATE : 8/28/2024 2:46 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT





PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 224	E



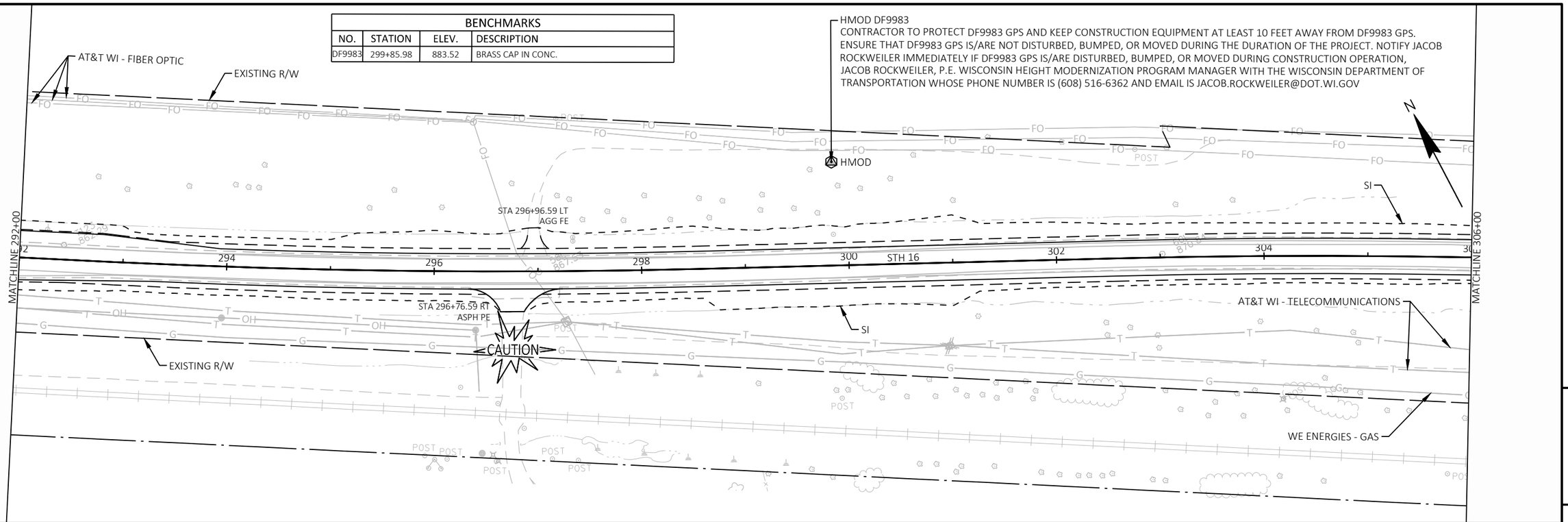
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 225	E

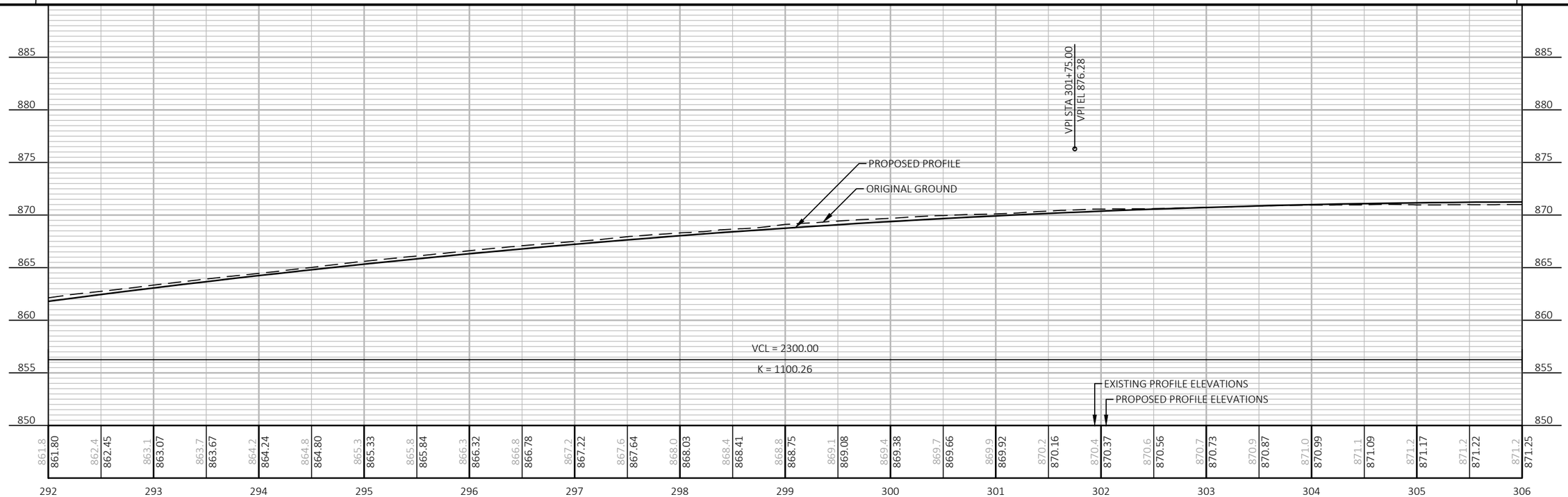
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050116

PLOT DATE : 8/28/2024 2:46 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
DF9983	299+85.98	883.52	BRASS CAP IN CONC.

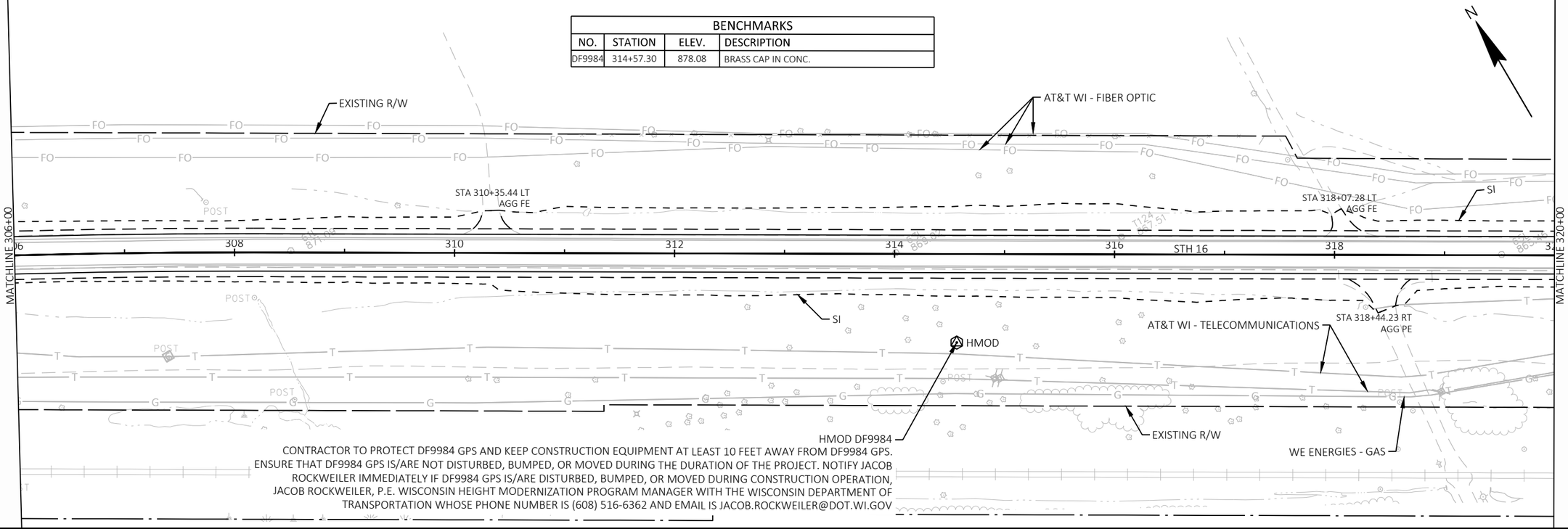
HMOD DF9983
CONTRACTOR TO PROTECT DF9983 GPS AND KEEP CONSTRUCTION EQUIPMENT AT LEAST 10 FEET AWAY FROM DF9983 GPS. ENSURE THAT DF9983 GPS IS/ARE NOT DISTURBED, BUMPED, OR MOVED DURING THE DURATION OF THE PROJECT. NOTIFY JACOB ROCKWEILER IMMEDIATELY IF DF9983 GPS IS/ARE DISTURBED, BUMPED, OR MOVED DURING CONSTRUCTION OPERATION, JACOB ROCKWEILER, P.E. WISCONSIN HEIGHT MODERNIZATION PROGRAM MANAGER WITH THE WISCONSIN DEPARTMENT OF TRANSPORTATION WHOSE PHONE NUMBER IS (608) 516-6362 AND EMAIL IS JACOB.ROCKWEILER@DOT.WI.GOV



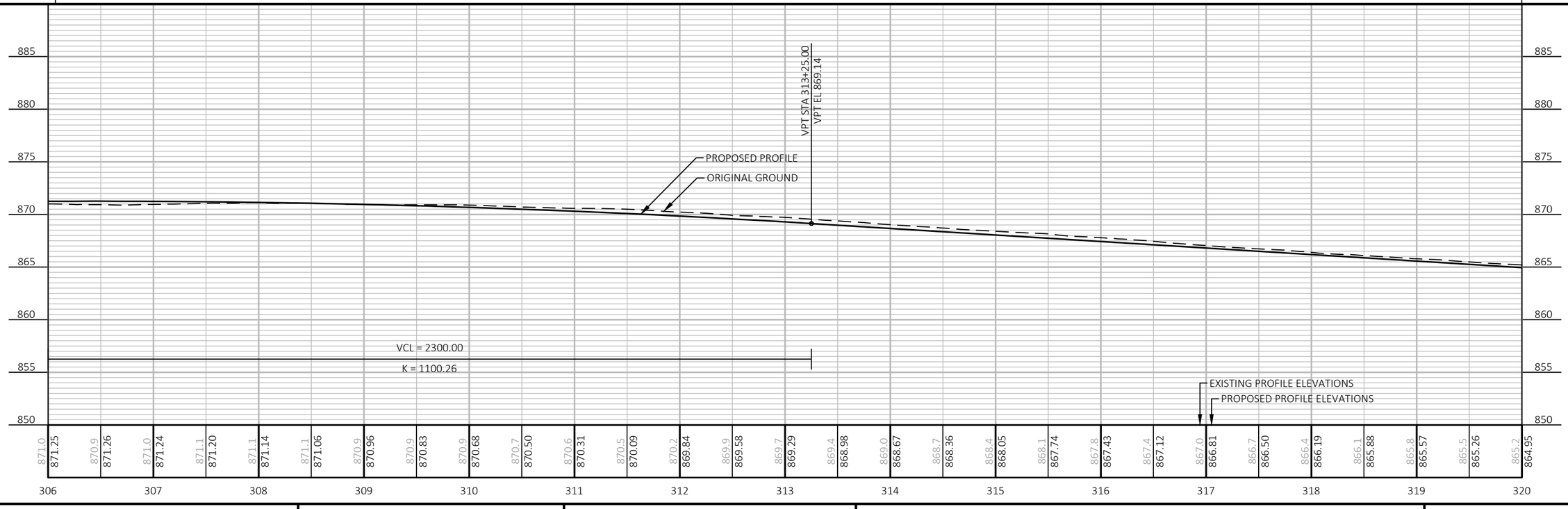


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 226	E

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
DF9984	314+57.30	878.08	BRASS CAP IN CONC.



CONTRACTOR TO PROTECT DF9984 GPS AND KEEP CONSTRUCTION EQUIPMENT AT LEAST 10 FEET AWAY FROM DF9984 GPS. ENSURE THAT DF9984 GPS IS/ARE NOT DISTURBED, BUMPED, OR MOVED DURING THE DURATION OF THE PROJECT. NOTIFY JACOB ROCKWEILER IMMEDIATELY IF DF9984 GPS IS/ARE DISTURBED, BUMPED, OR MOVED DURING CONSTRUCTION OPERATION, JACOB ROCKWEILER, P.E. WISCONSIN HEIGHT MODERNIZATION PROGRAM MANAGER WITH THE WISCONSIN DEPARTMENT OF TRANSPORTATION WHOSE PHONE NUMBER IS (608) 516-6362 AND EMAIL IS JACOB.ROCKWEILER@DOT.WI.GOV

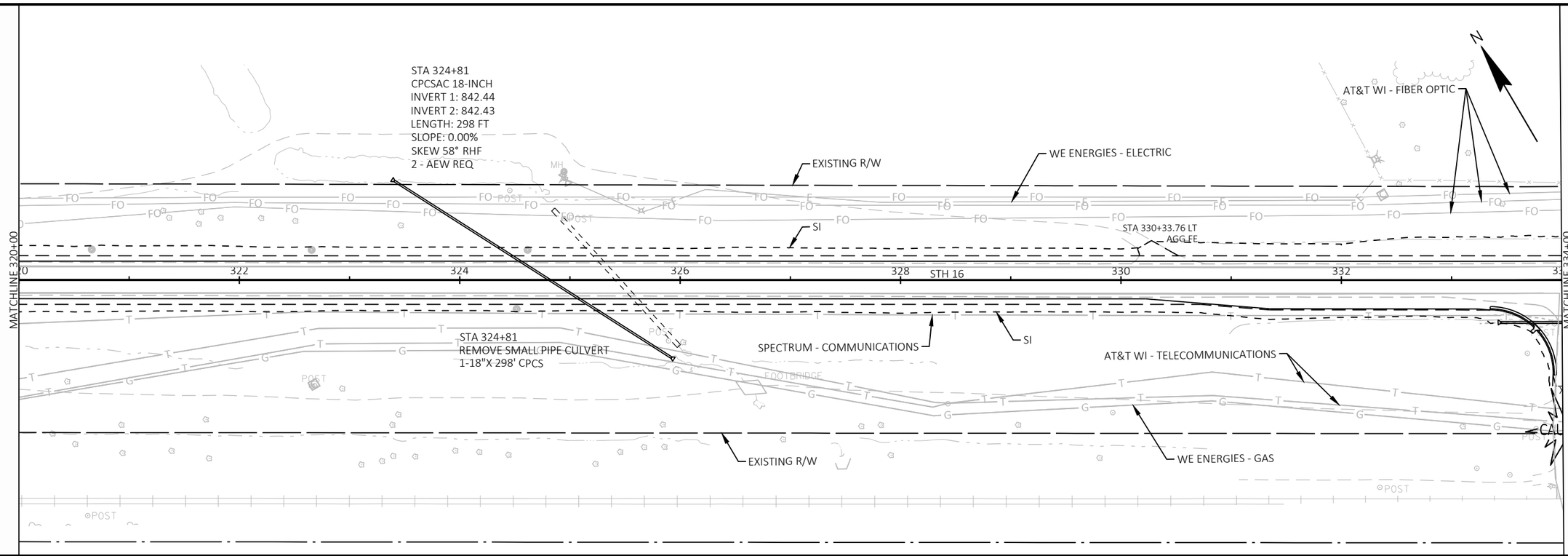


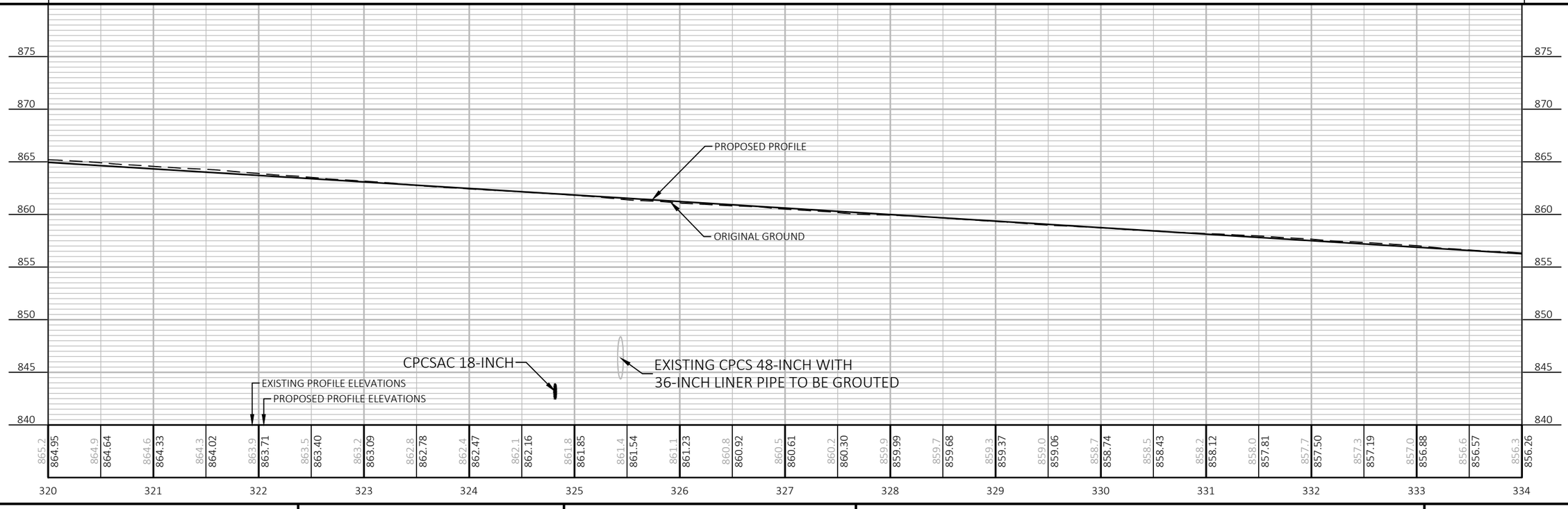
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 227	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050118

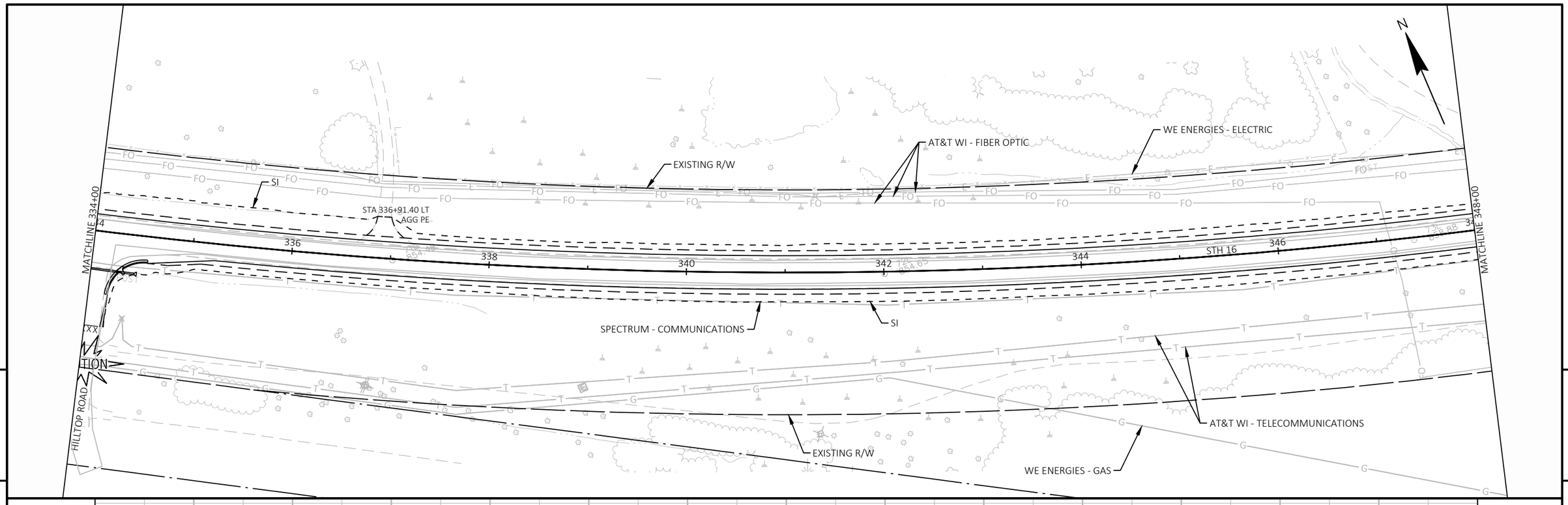
PLOT DATE : 8/28/2024 2:47 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44





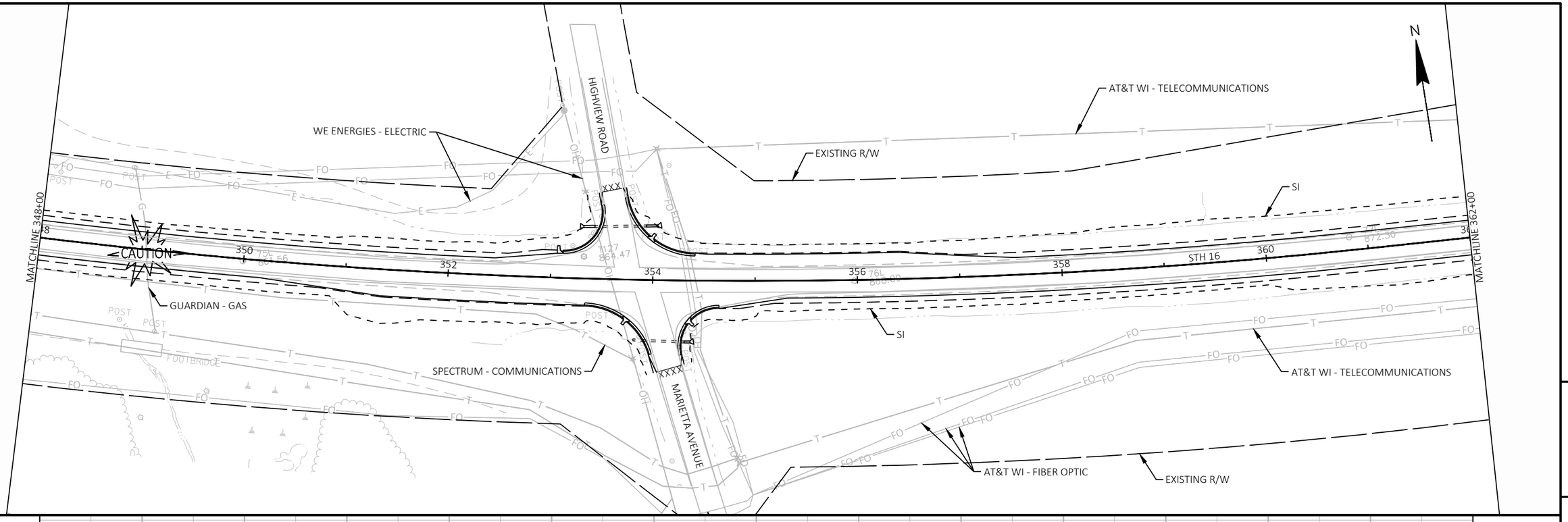
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 228	E



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 229	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050120

PLOT DATE : 8/28/2024 2:47 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

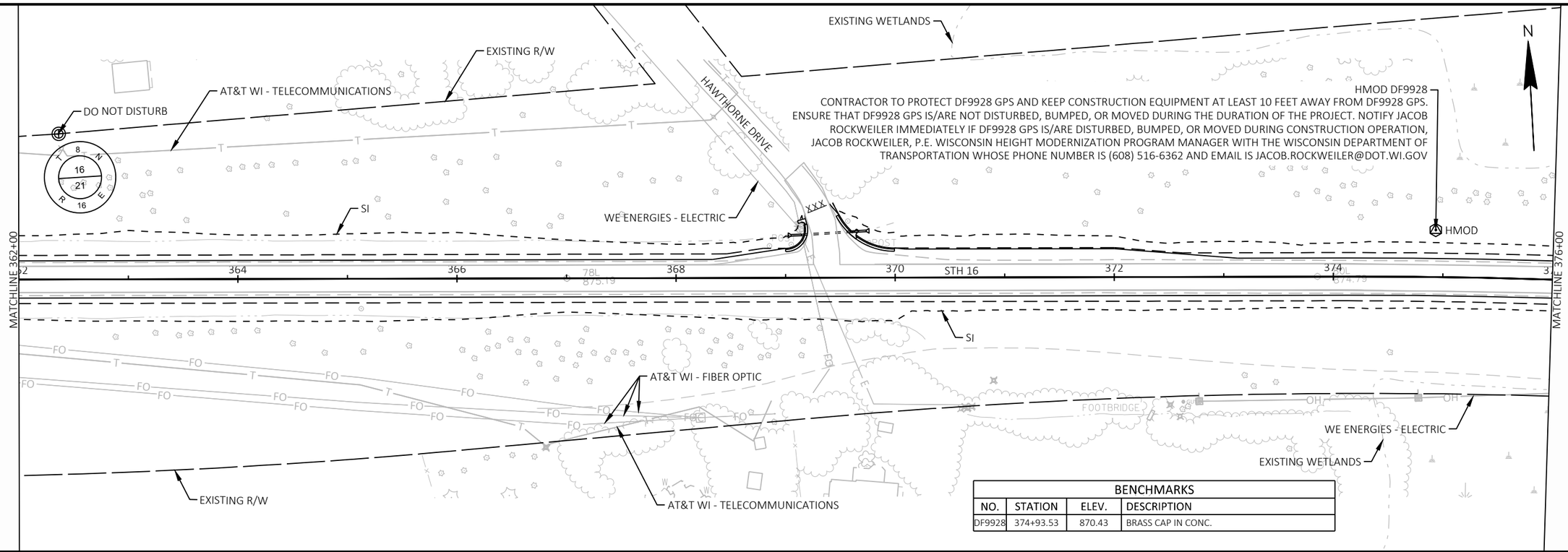


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 230	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050121

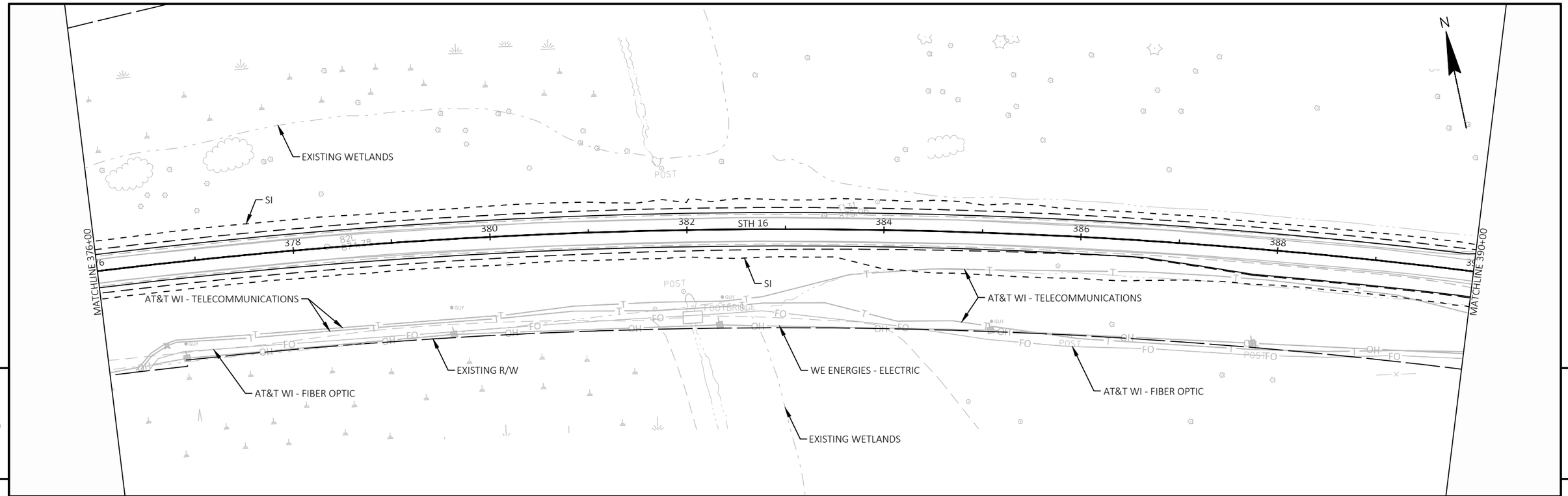
PLOT DATE : 8/28/2024 2:47 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

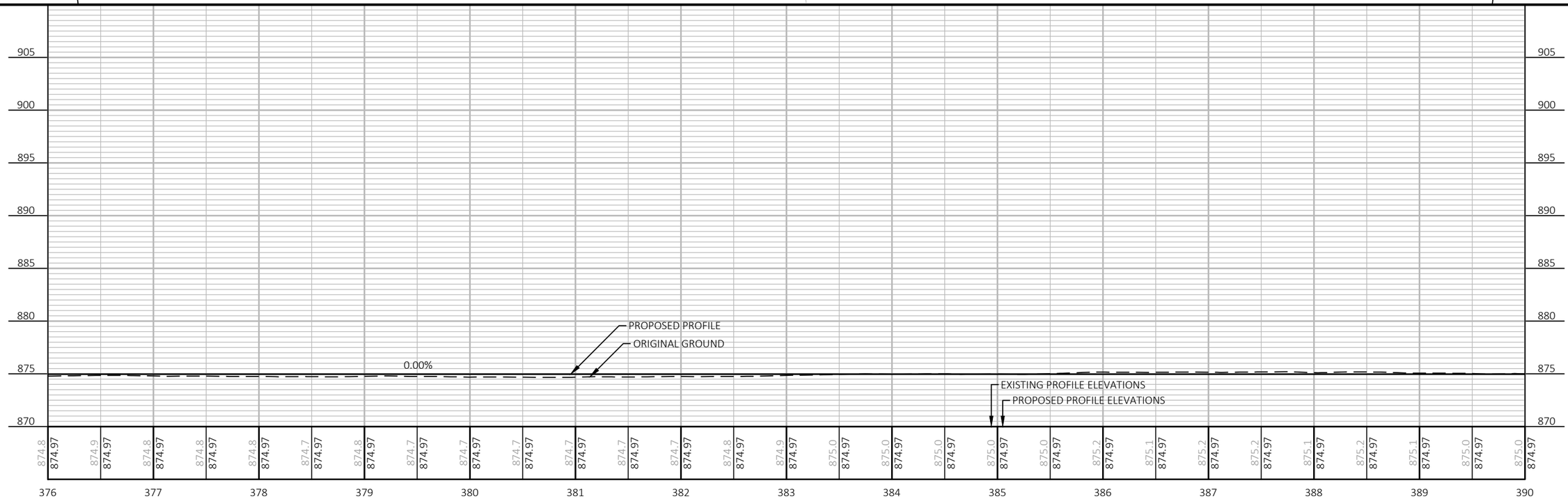
WISDOT/CADDS SHEET 44



BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
DF9928	374+93.53	870.43	BRASS CAP IN CONC.

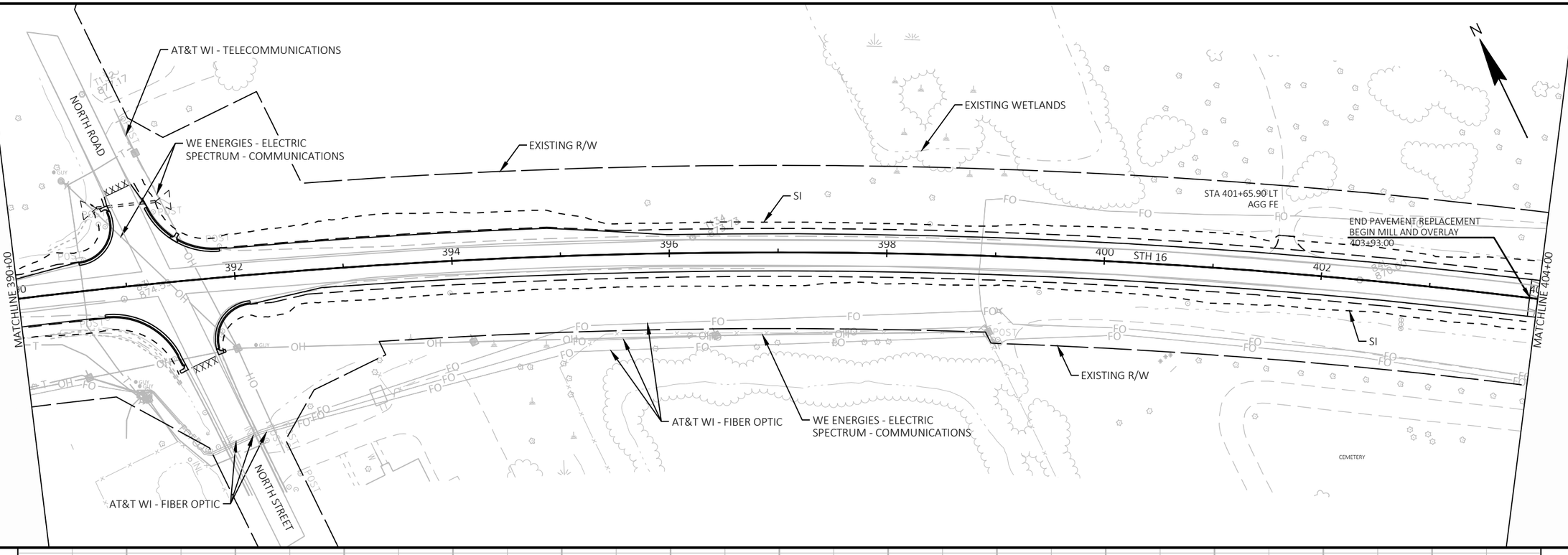
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 231 E





PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 232	E

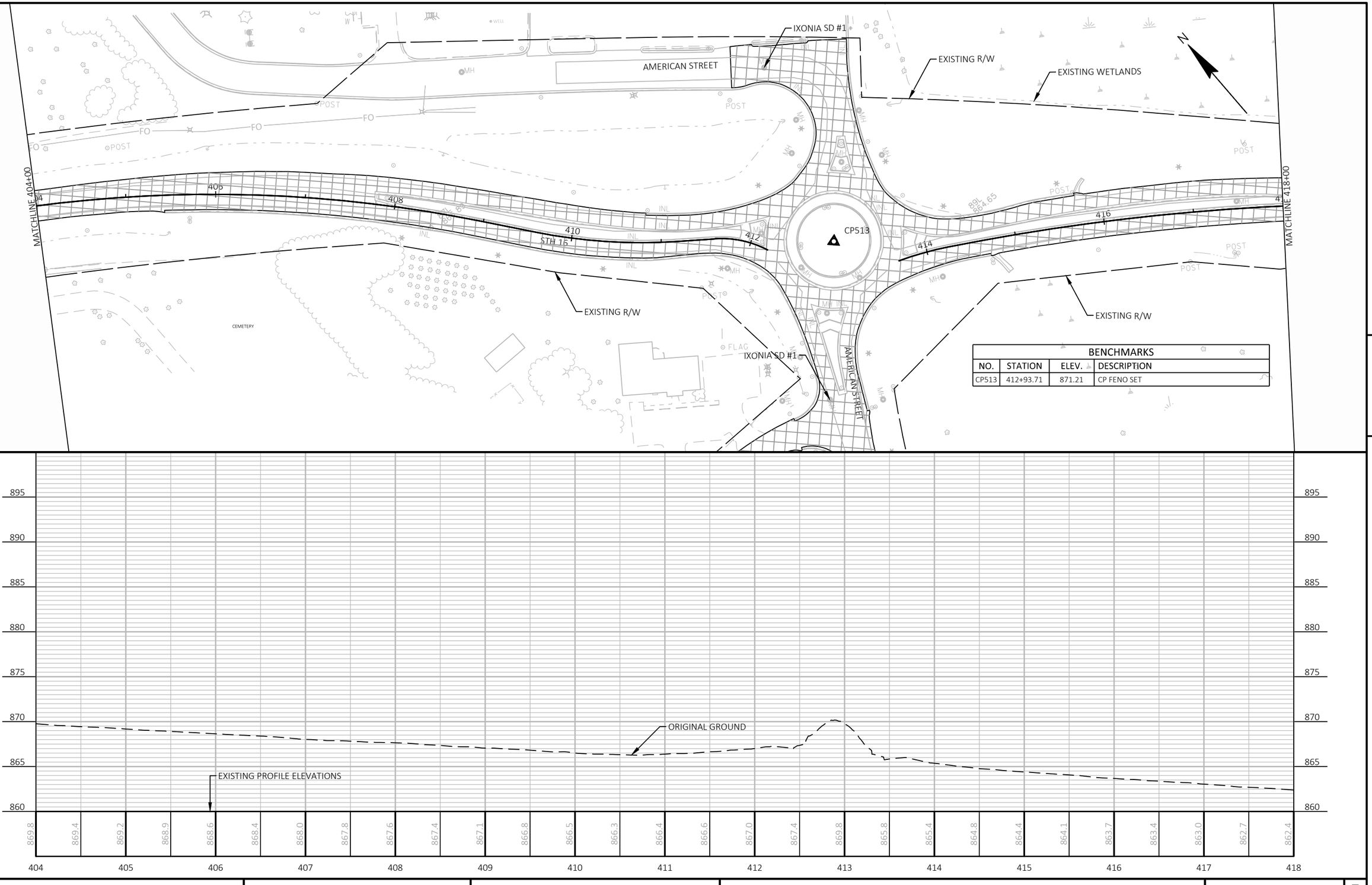
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050123
PLOT DATE : 8/28/2024 2:48 PM
PLOT BY : SAMANTHA BENSON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 233	E

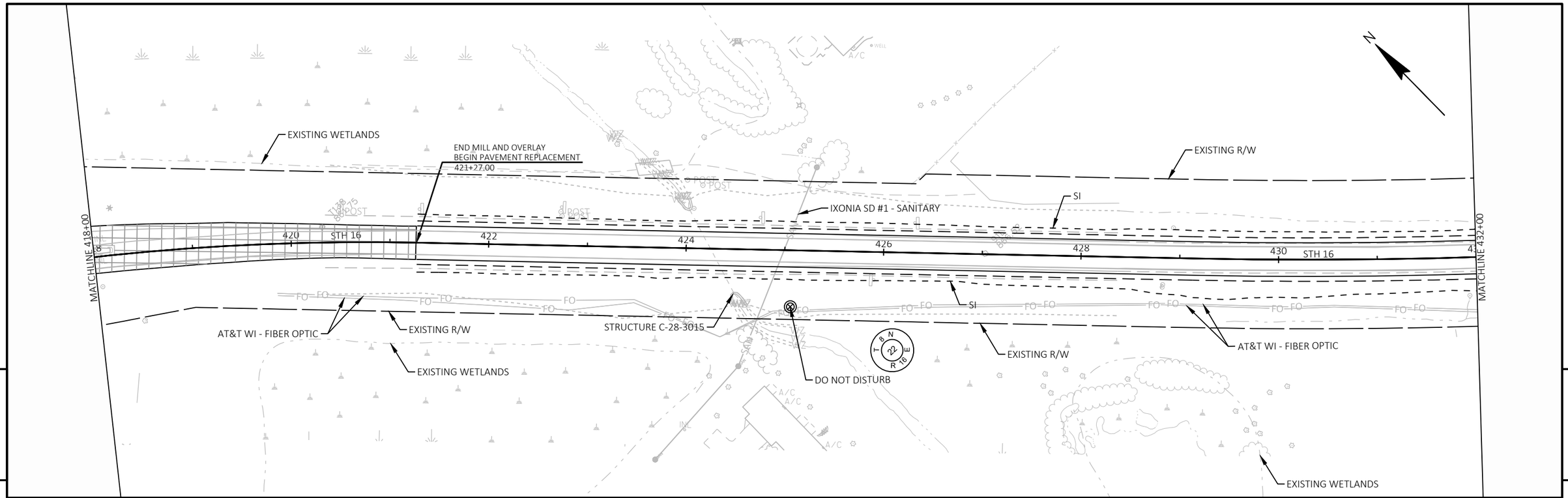
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050124

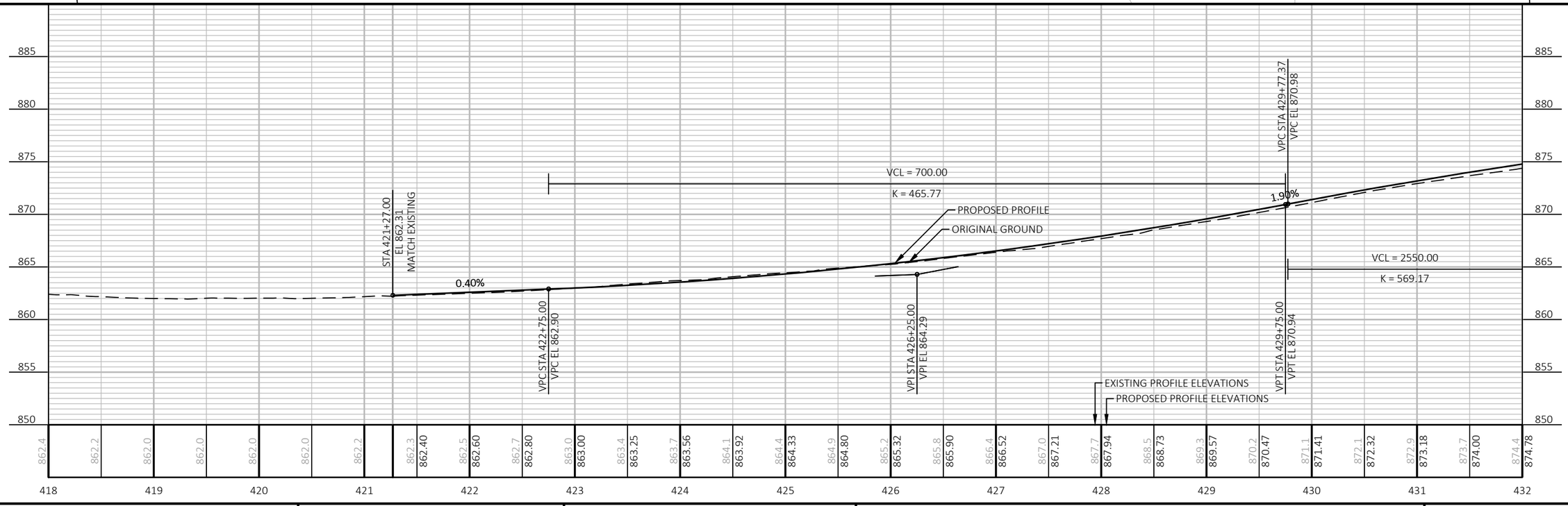
PLOT DATE : 8/28/2024 2:48 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 234	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050125
PLOT DATE : 8/28/2024 2:49 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 235	E

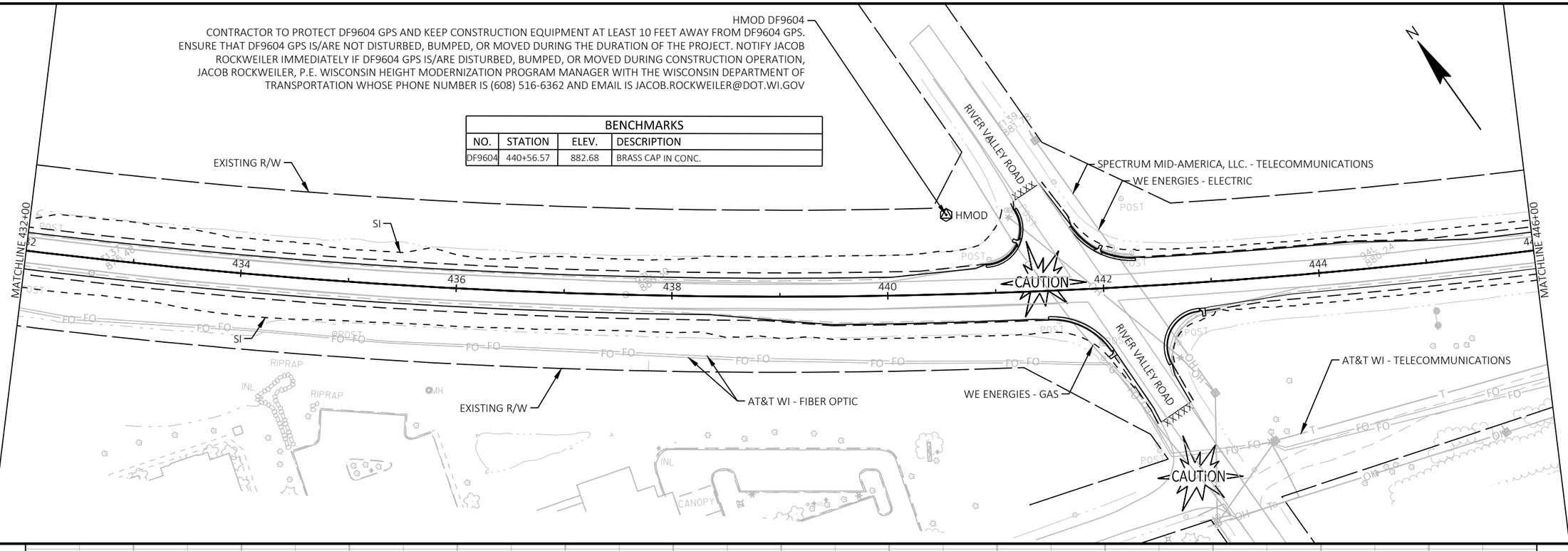
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050126

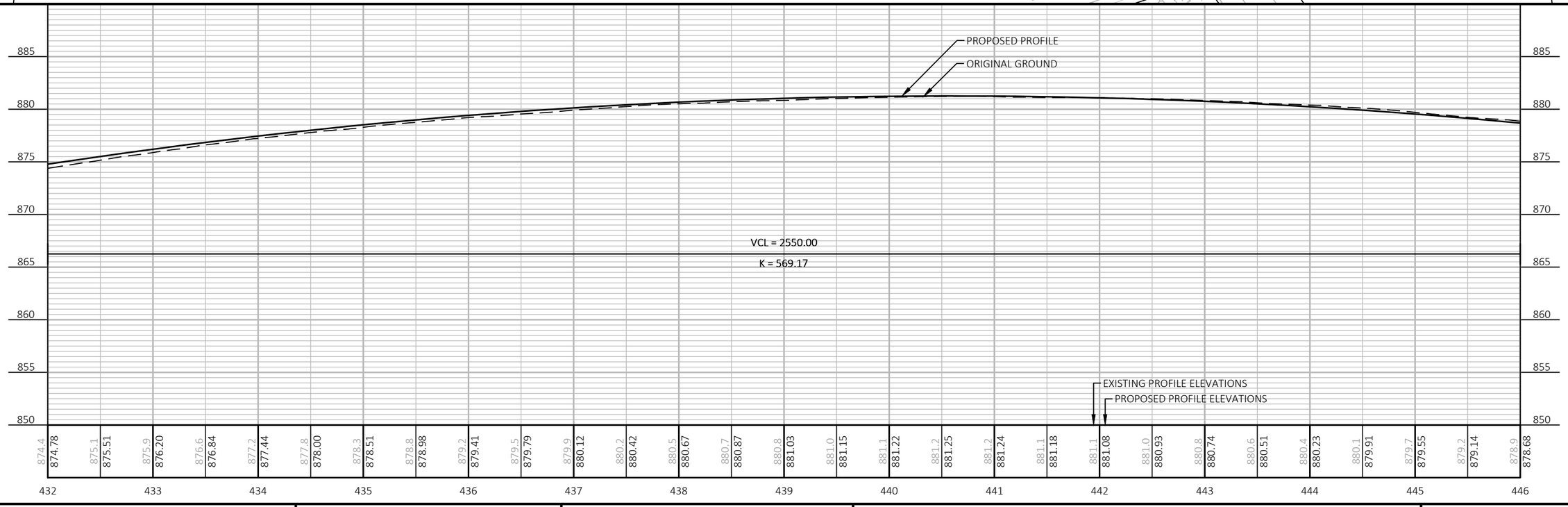
PLOT DATE : 8/28/2024 2:49 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

HMOD DF9604

CONTRACTOR TO PROTECT DF9604 GPS AND KEEP CONSTRUCTION EQUIPMENT AT LEAST 10 FEET AWAY FROM DF9604 GPS. ENSURE THAT DF9604 GPS IS/ARE NOT DISTURBED, BUMPED, OR MOVED DURING THE DURATION OF THE PROJECT. NOTIFY JACOB ROCKWEILER IMMEDIATELY IF DF9604 GPS IS/ARE DISTURBED, BUMPED, OR MOVED DURING CONSTRUCTION OPERATION, JACOB ROCKWEILER, P.E. WISCONSIN HEIGHT MODERNIZATION PROGRAM MANAGER WITH THE WISCONSIN DEPARTMENT OF TRANSPORTATION WHOSE PHONE NUMBER IS (608) 516-6362 AND EMAIL IS JACOB.ROCKWEILER@DOT.WI.GOV

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
DF9604	440+56.57	882.68	BRASS CAP IN CONC.

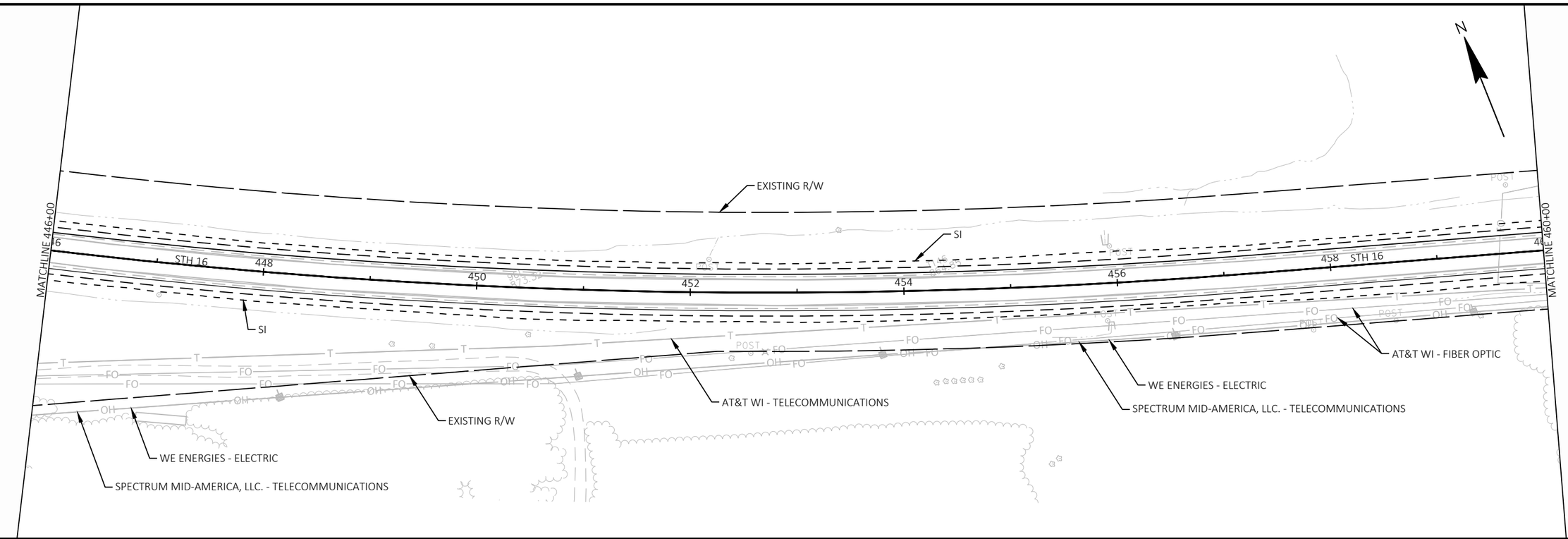


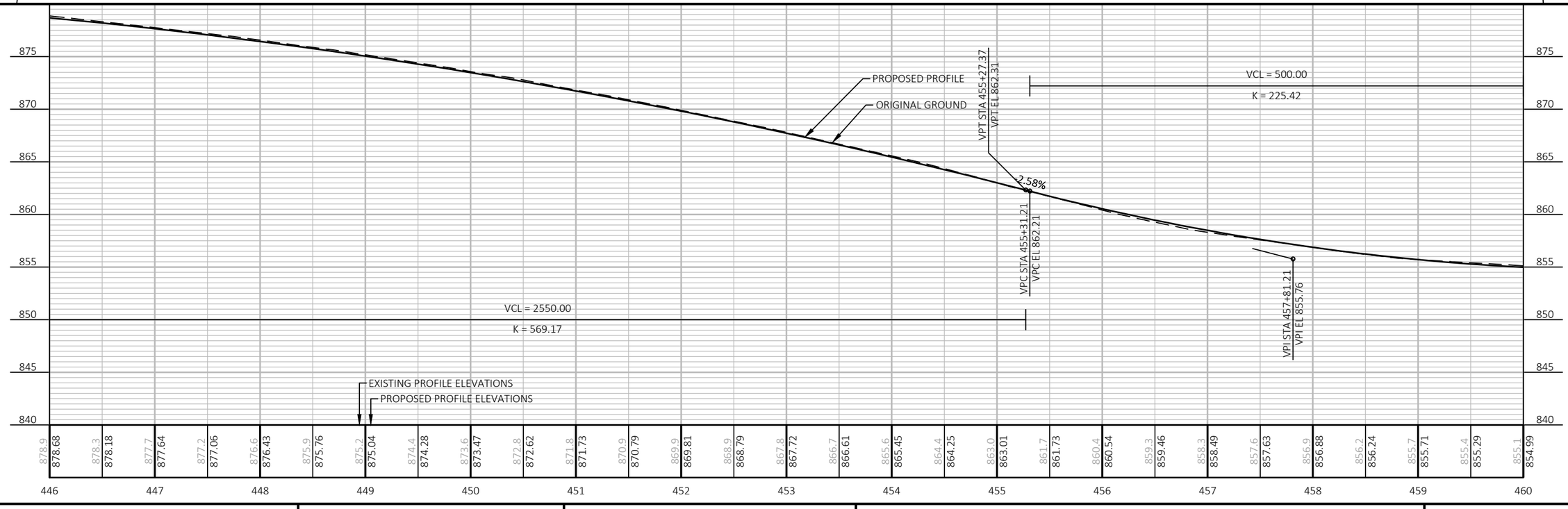


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 236	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050127

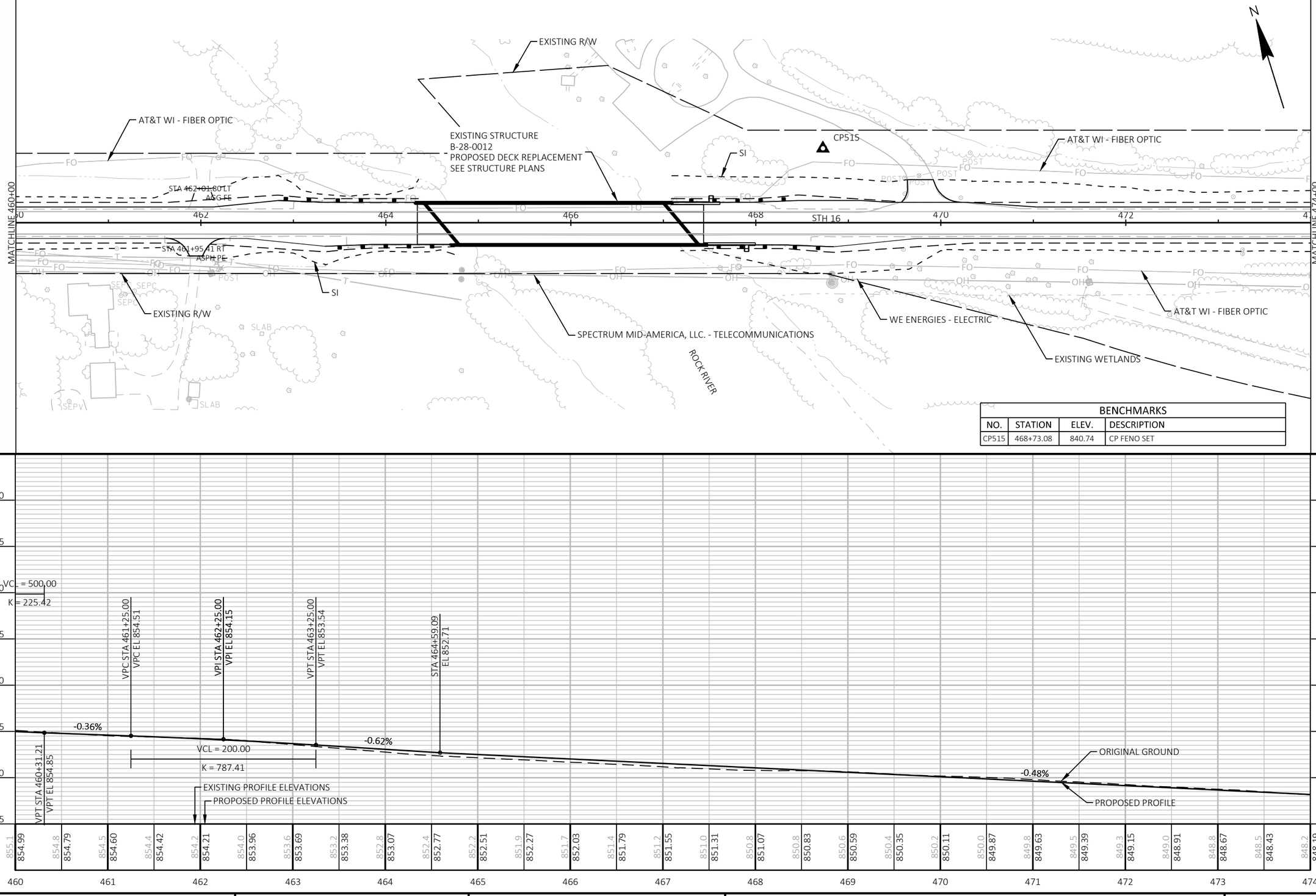
PLOT DATE : 8/28/2024 2:49 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT





PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 237	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050128
PLOT DATE : 8/28/2024 2:49 PM
PLOT BY : SAMANTHA BENSON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

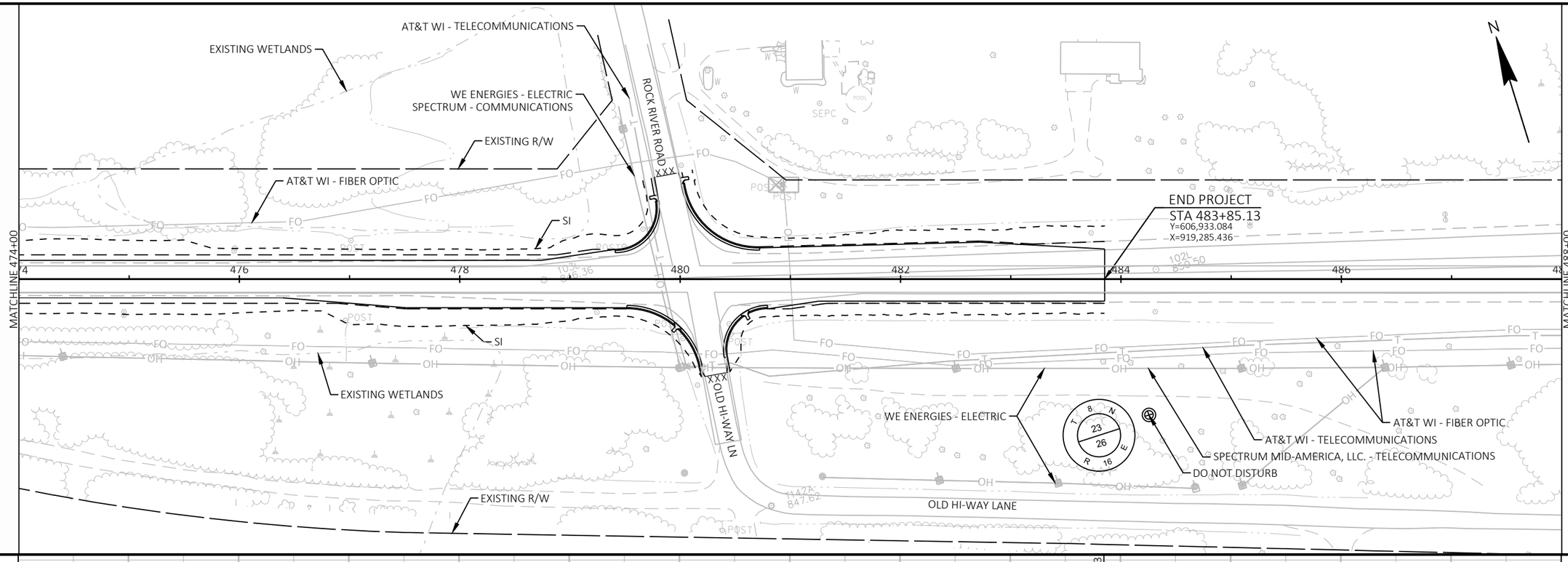


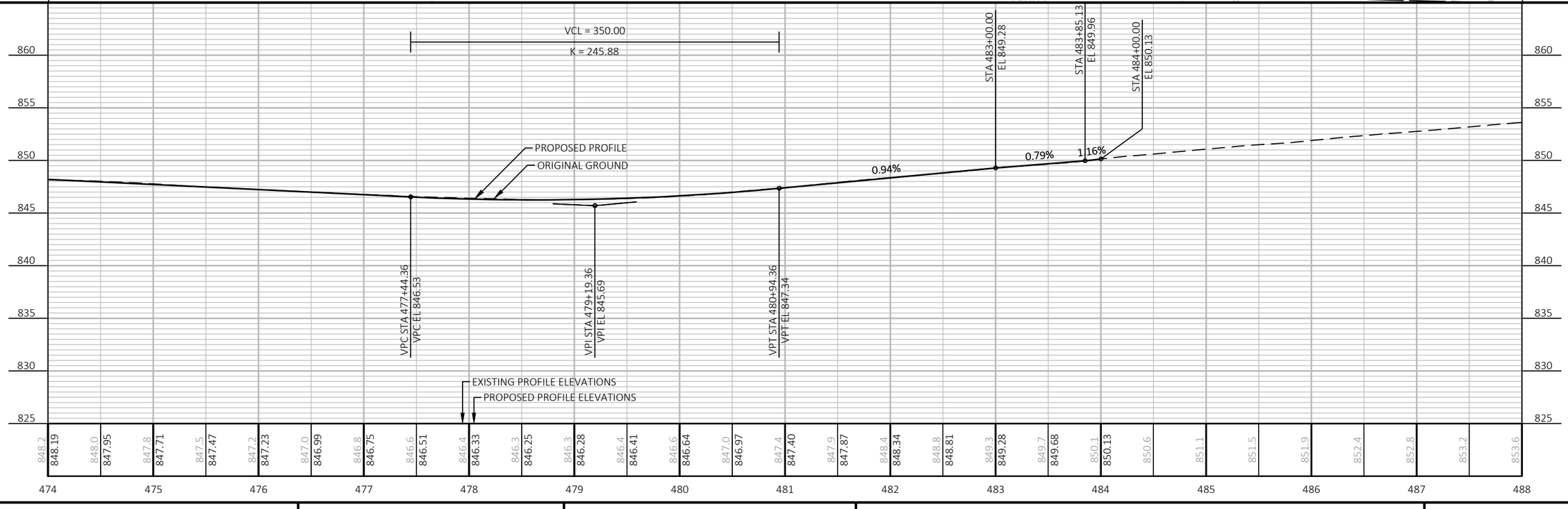
BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
CP515	468+73.08	840.74	CP FENO SET

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 238	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050201-PP.DWG
LAYOUT NAME - 050129

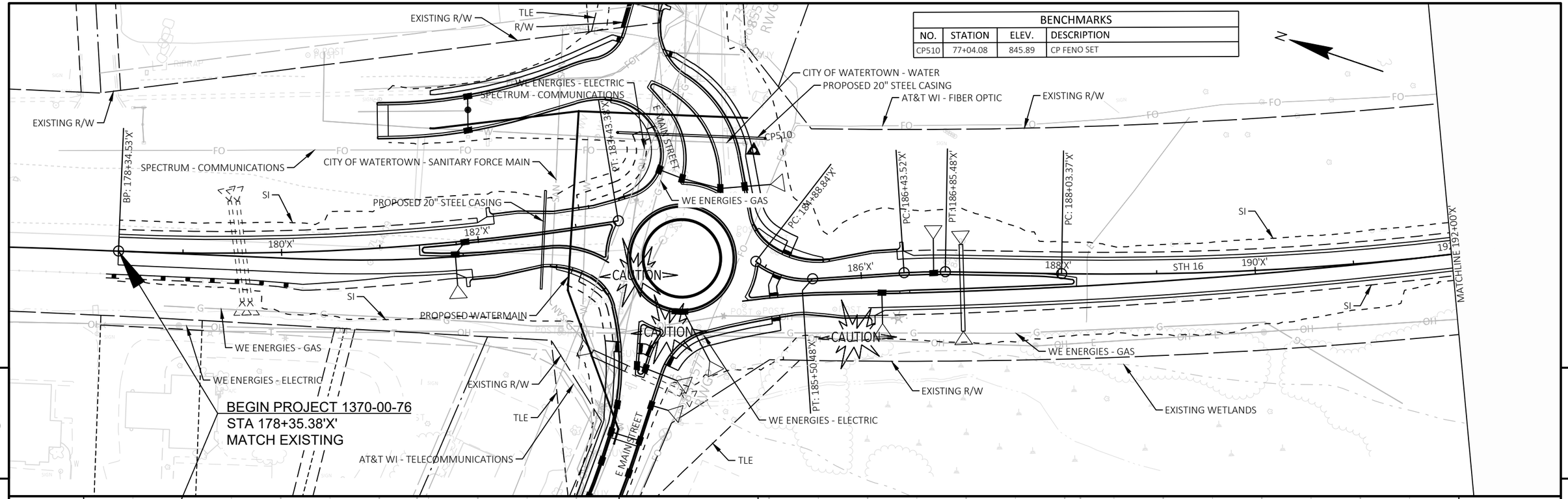
PLOT DATE : 8/28/2024 2:49 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

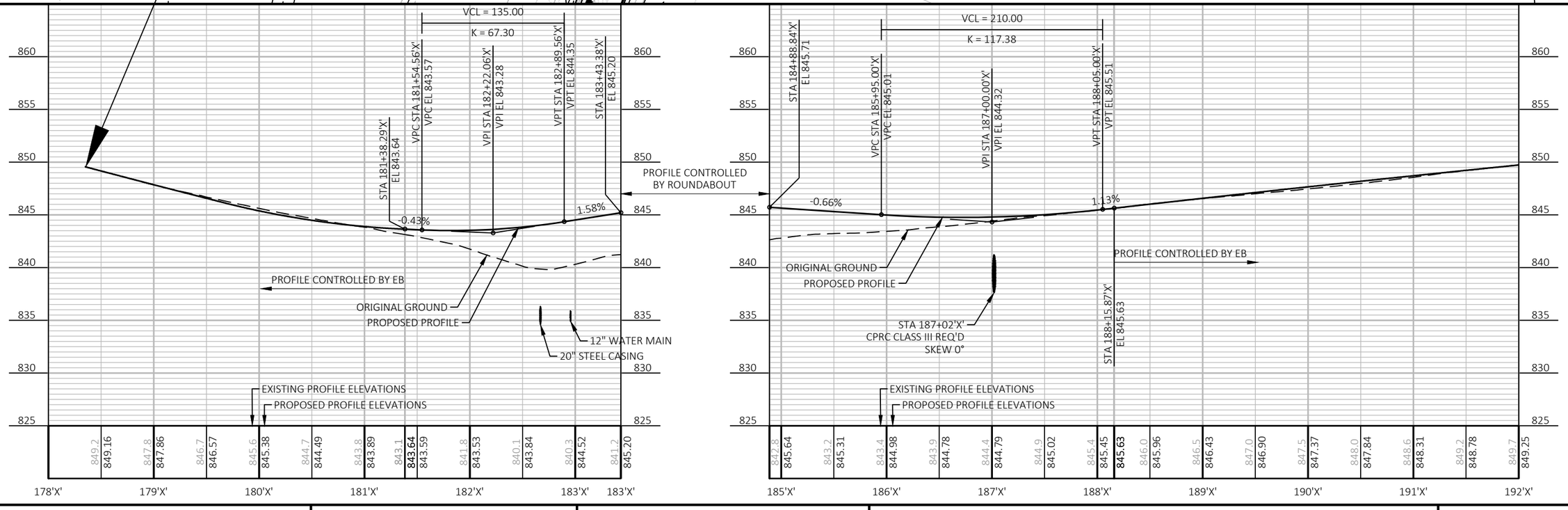




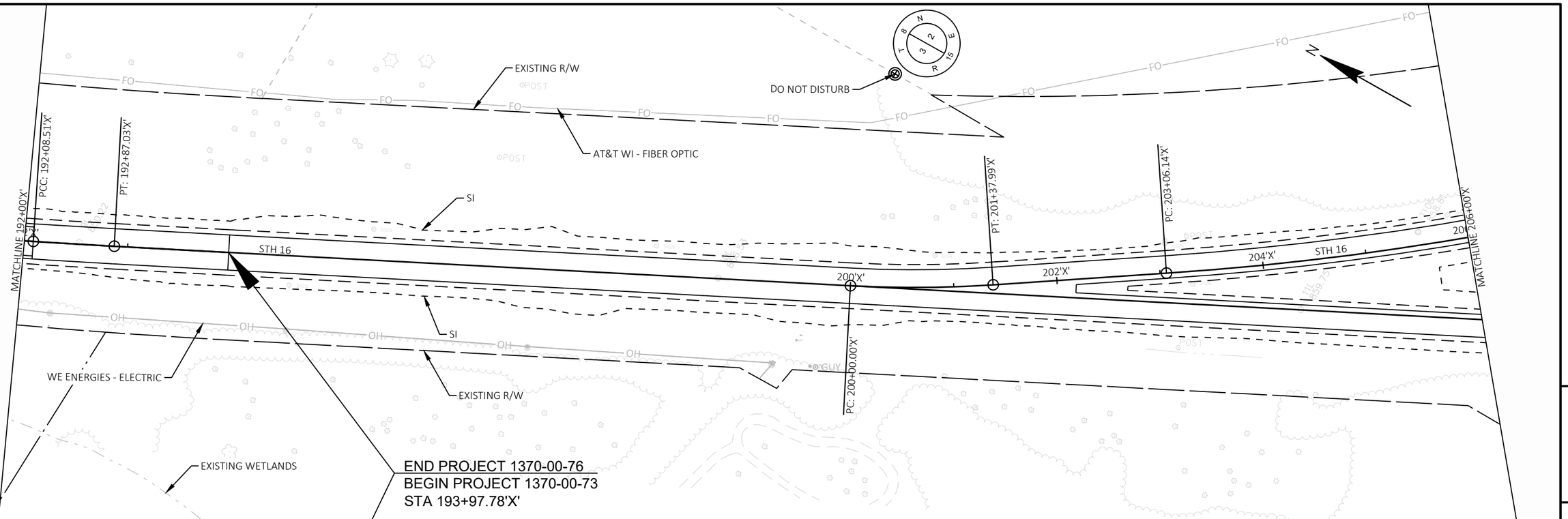
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 EB	SHEET 239	E

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
CP510	77+04.08	845.89	CP FENO SET





PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 WB ('X')	SHEET 240	E



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PROJECT NO: 1370-00-73/76	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 WB ('X')	SHEET 241	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050202-PP.DWG
LAYOUT NAME - 050202-pp

PLOT DATE : 8/19/2024 3:06 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

HMOD DF9966
CONTRACTOR TO PROTECT DF9966 GPS AND KEEP CONSTRUCTION EQUIPMENT AT LEAST 10 FEET AWAY FROM DF9966 GPS. ENSURE THAT DF9966 GPS IS/ARE NOT DISTURBED, BUMPED, OR MOVED DURING THE DURATION OF THE PROJECT. NOTIFY JACOB ROCKWEILER IMMEDIATELY IF DF9966 GPS IS/ARE DISTURBED, BUMPED, OR MOVED DURING CONSTRUCTION OPERATION, JACOB ROCKWEILER, P.E. WISCONSIN HEIGHT MODERNIZATION PROGRAM MANAGER WITH THE WISCONSIN DEPARTMENT OF TRANSPORTATION WHOSE PHONE NUMBER IS (608) 516-6362 AND EMAIL IS JACOB.ROCKWEILER@DOT.WI.GOV

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
DF9966	211+90.32 WB	864.51	BRASS CAP IN CONC.

AT&T WI - FIBER OPTIC
EXISTING R/W
EXISTING WETLANDS
HMOD
PT: 209+36.27'X'
SI
MATCHLINE 206+00'X'
MATCHLINE 220+00'X'
STH 16
220'X'

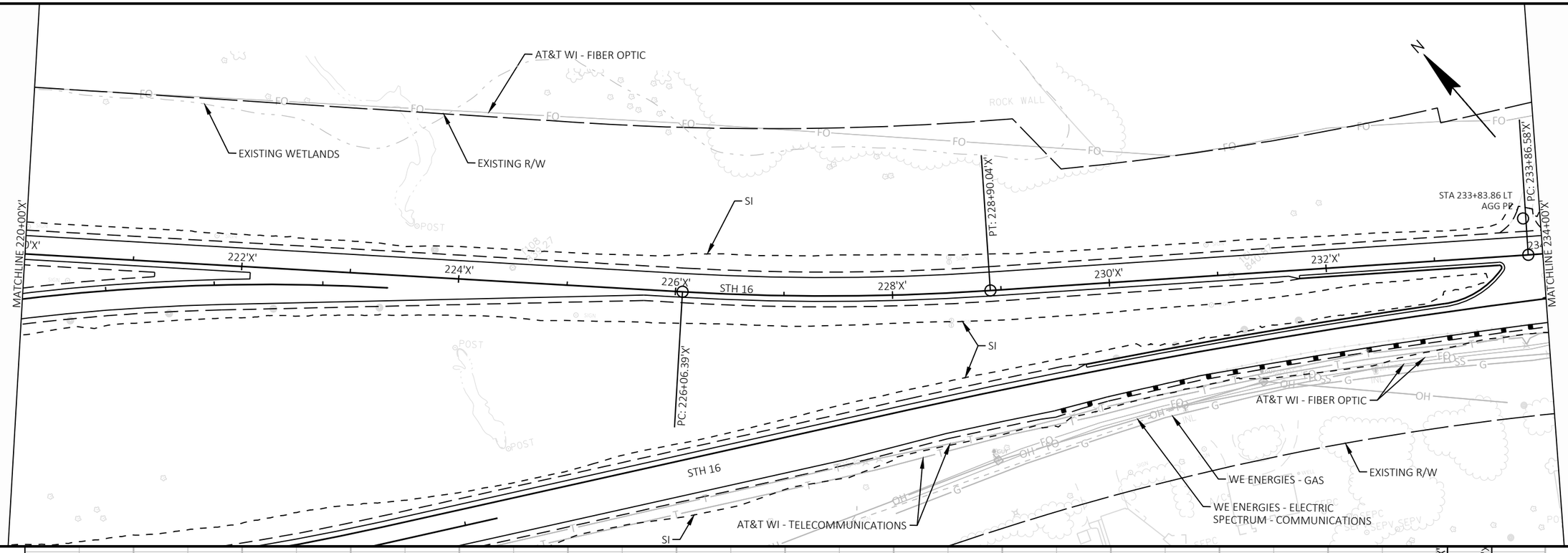
VPI STA 209+70.00'X'
VPI EL 860.37
VPT STA 215+20.00'X'
VPT EL 851.94
VPC STA 219+74.04'X'
VPC EL 844.74
PROPOSED PROFILE
ORIGINAL GROUND
VCL = 800.00
K = 373.20
-1.53%
VCL = 1100.00
K = 633.66
EXISTING PROFILE ELEVATIONS
PROPOSED PROFILE ELEVATIONS

875 870 865 860 855 850 845 840

206'X'	207'X'	208'X'	209'X'	210'X'	211'X'	212'X'	213'X'	214'X'	215'X'	216'X'	217'X'	218'X'	219'X'	220'X'
859.36	859.30	859.20	859.07	858.89	858.67	858.41	858.12	857.78	857.40	856.99	856.53	856.04	855.51	854.93
859.3	859.2	859.1	858.9	858.7	858.6	858.4	858.1	857.7	857.3	856.9	856.4	855.9	855.5	854.9
854.32	853.67	852.98	852.25	851.48	850.72	849.95	849.19	848.42	847.65	846.89	846.02	845.16	844.30	843.50
854.3	853.6	852.9	852.2	851.4	850.7	849.9	849.2	848.5	847.7	846.9	846.1	845.2	844.4	843.6

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 WB ('X')	SHEET 242	E

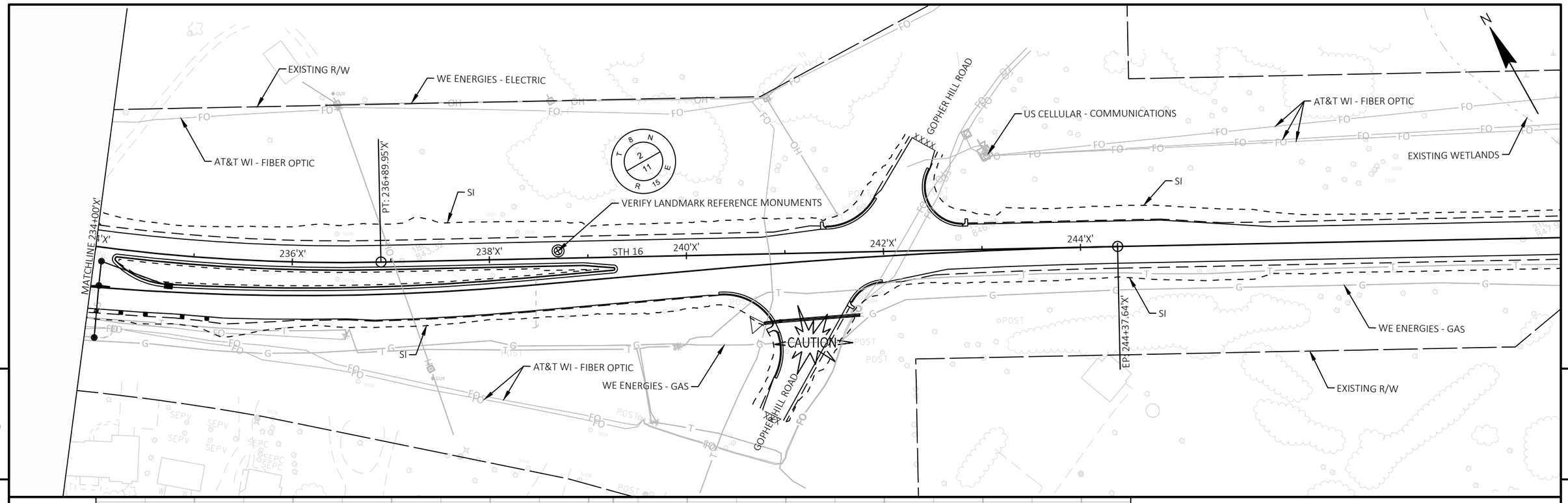
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050202-PP.DWG
LAYOUT NAME - 050203-pp
PLOT DATE : 8/19/2024 3:06 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

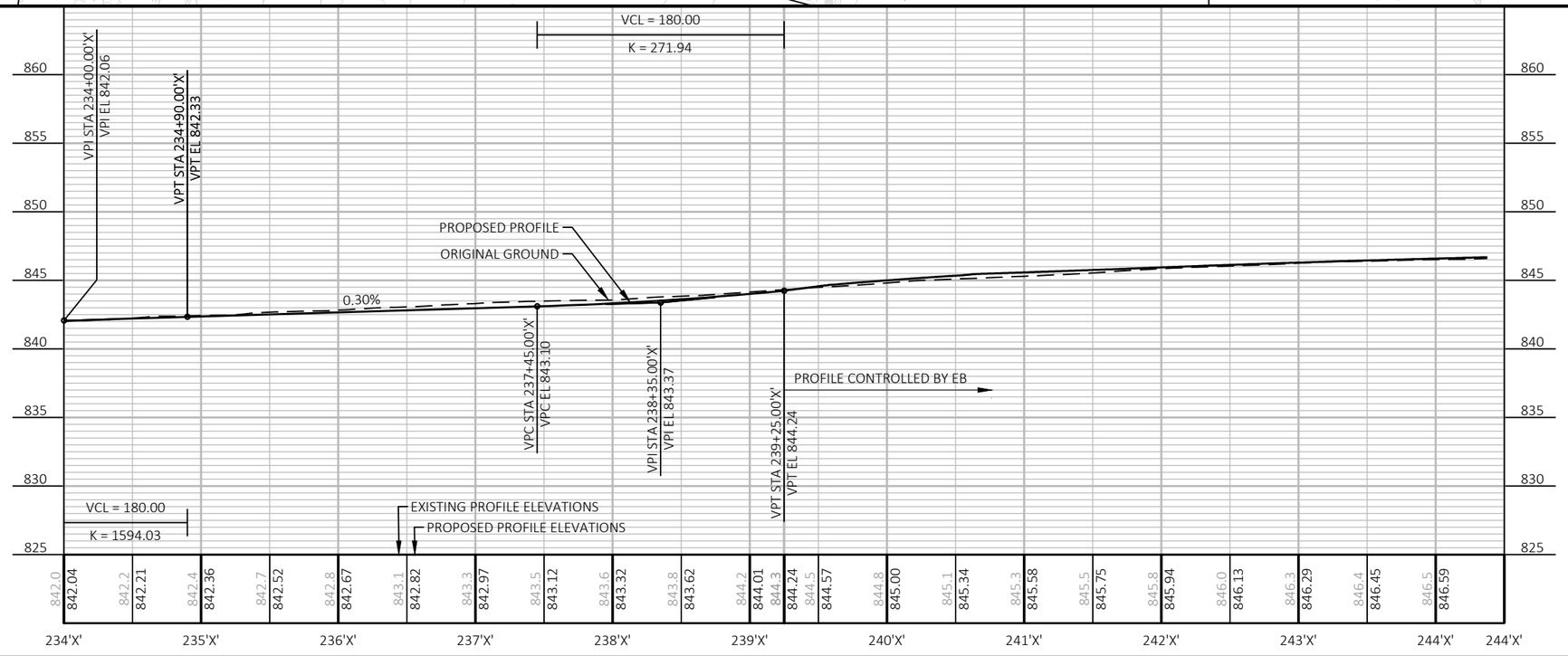


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 WB ('X')	SHEET 243	E

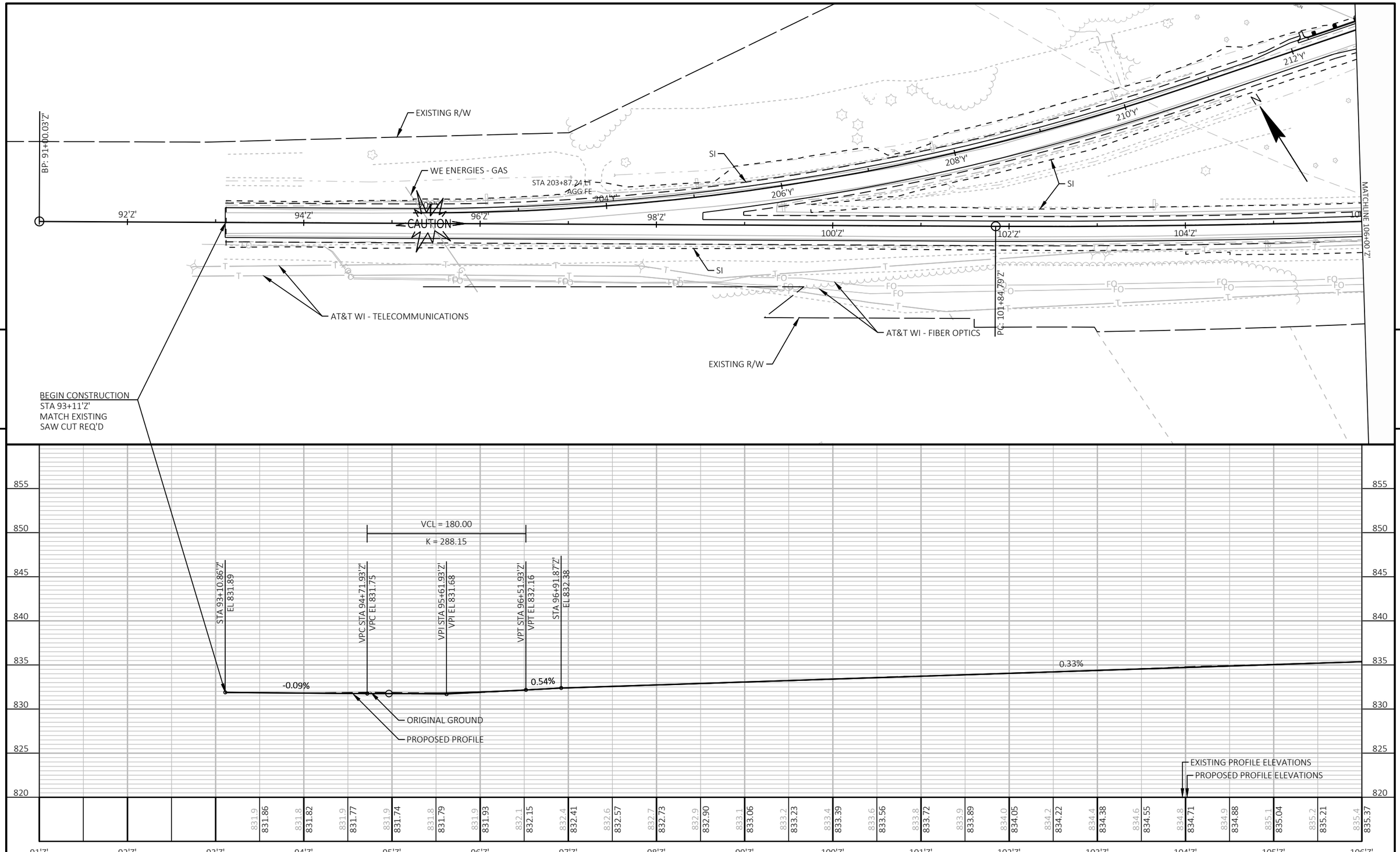
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050202-PP.DWG
LAYOUT NAME - 050204-pp

PLOT DATE : 8/19/2024 3:06 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT





PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 16 WB ('X')	SHEET 244	E



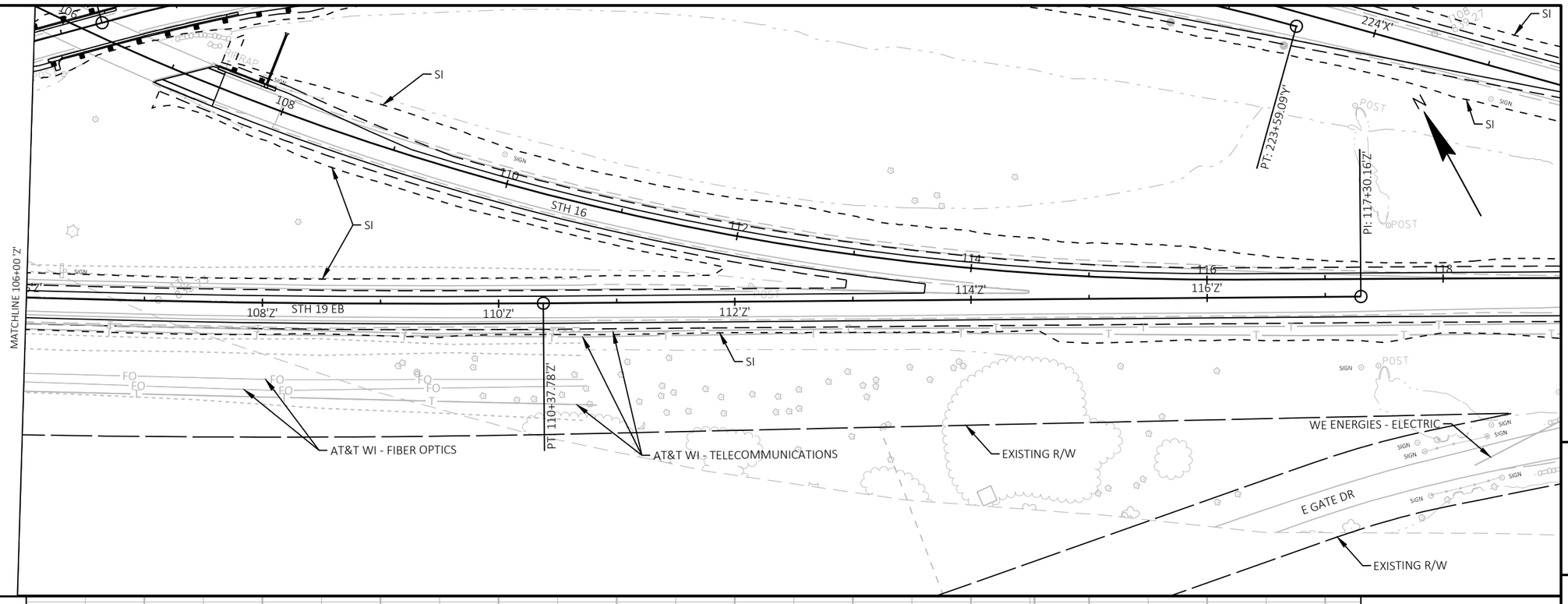
5

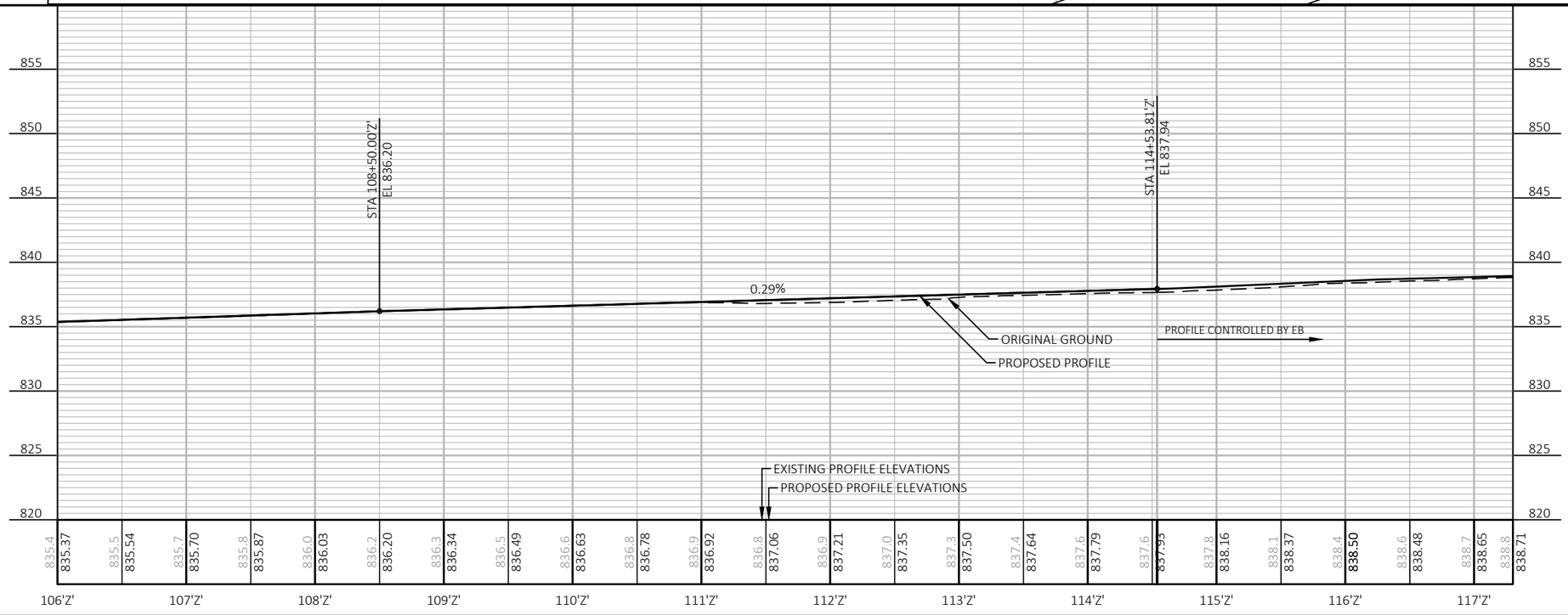
5

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 19 EB ('Z')	SHEET 245	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050203-PP.DWG
LAYOUT NAME - 050206-pp

PLOT DATE : 8/19/2024 3:10 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT



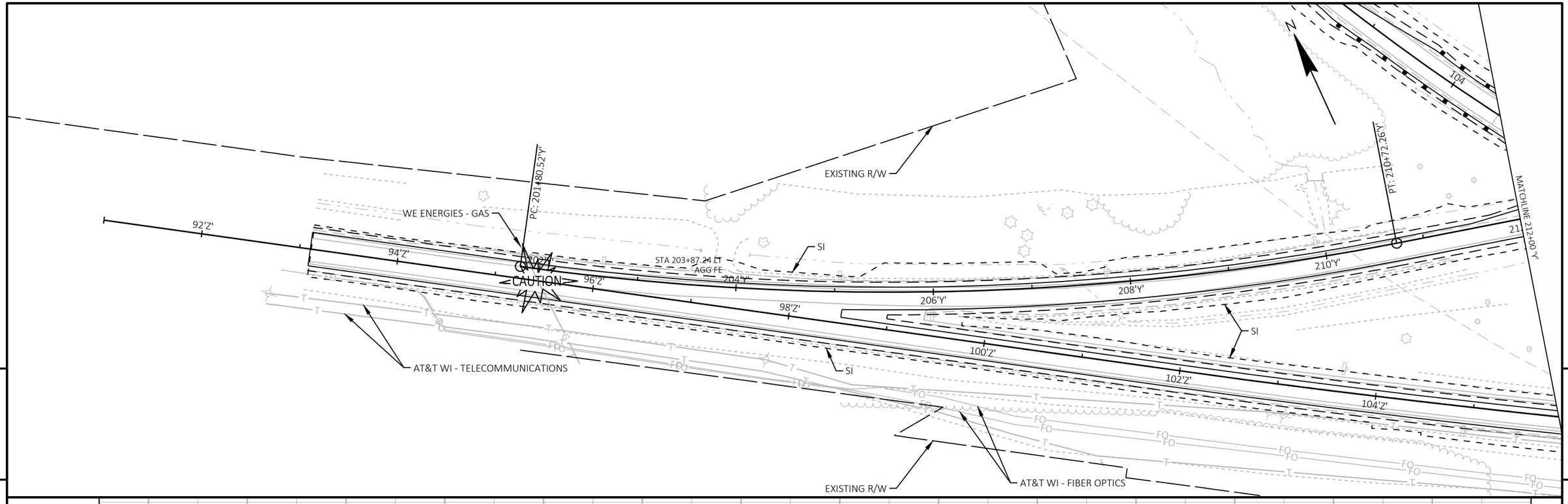


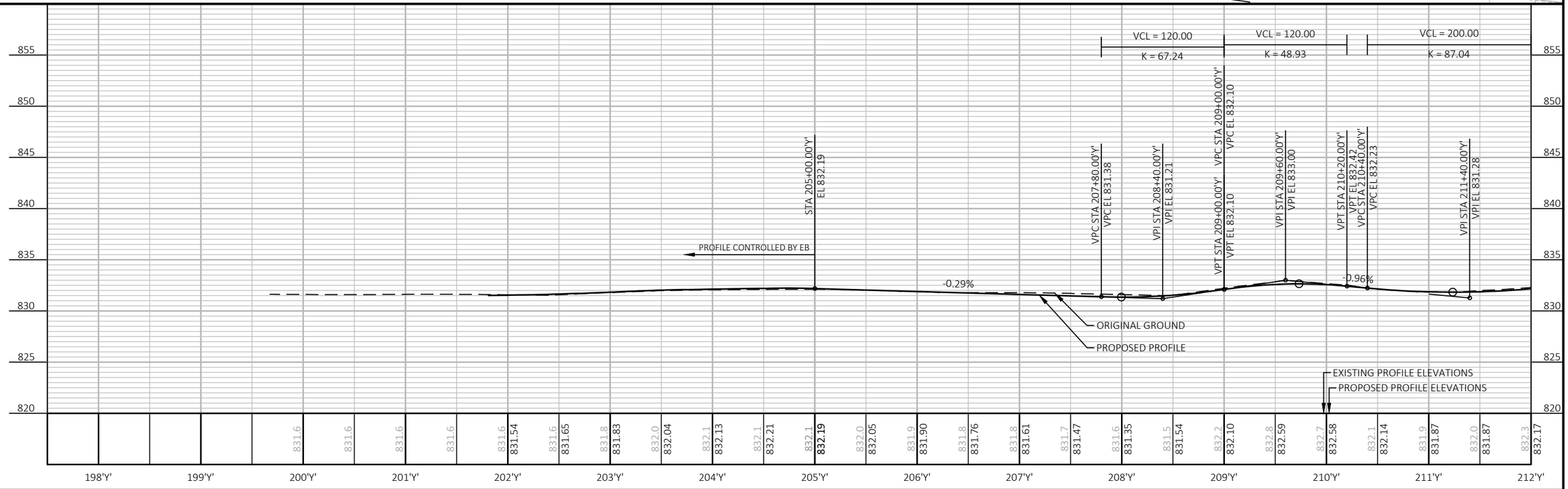
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 19 EB ('Z')	SHEET 246 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050203-PP.DWG
LAYOUT NAME - 050207-pp

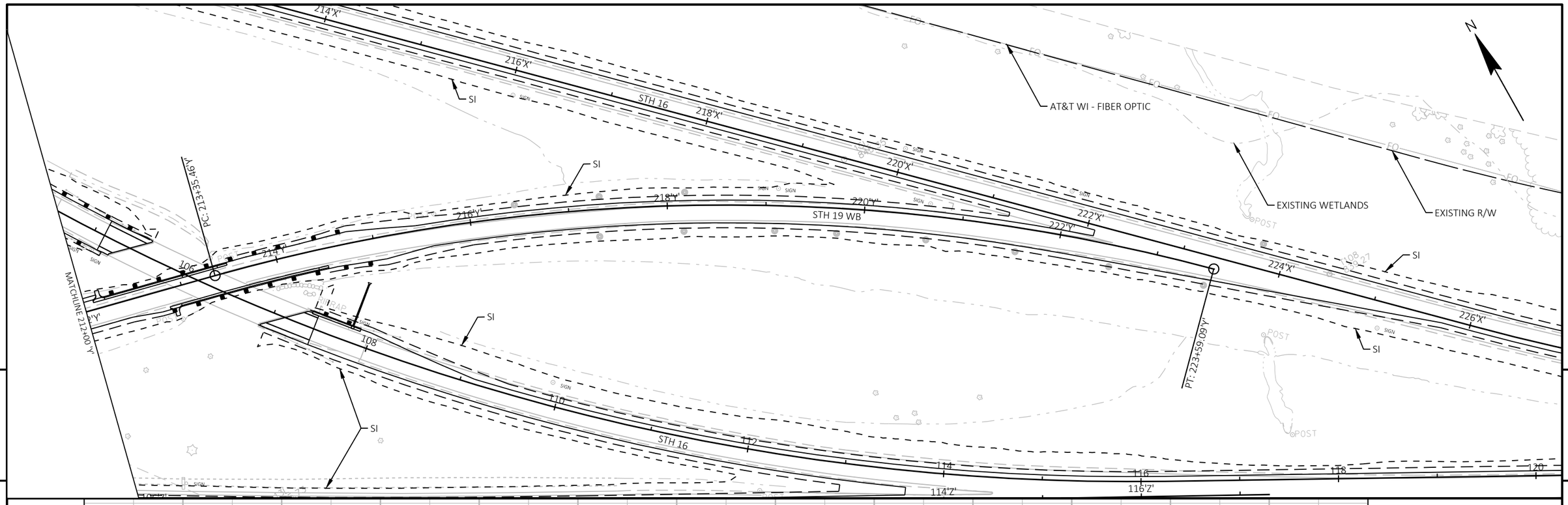
PLOT DATE : 8/19/2024 3:11 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

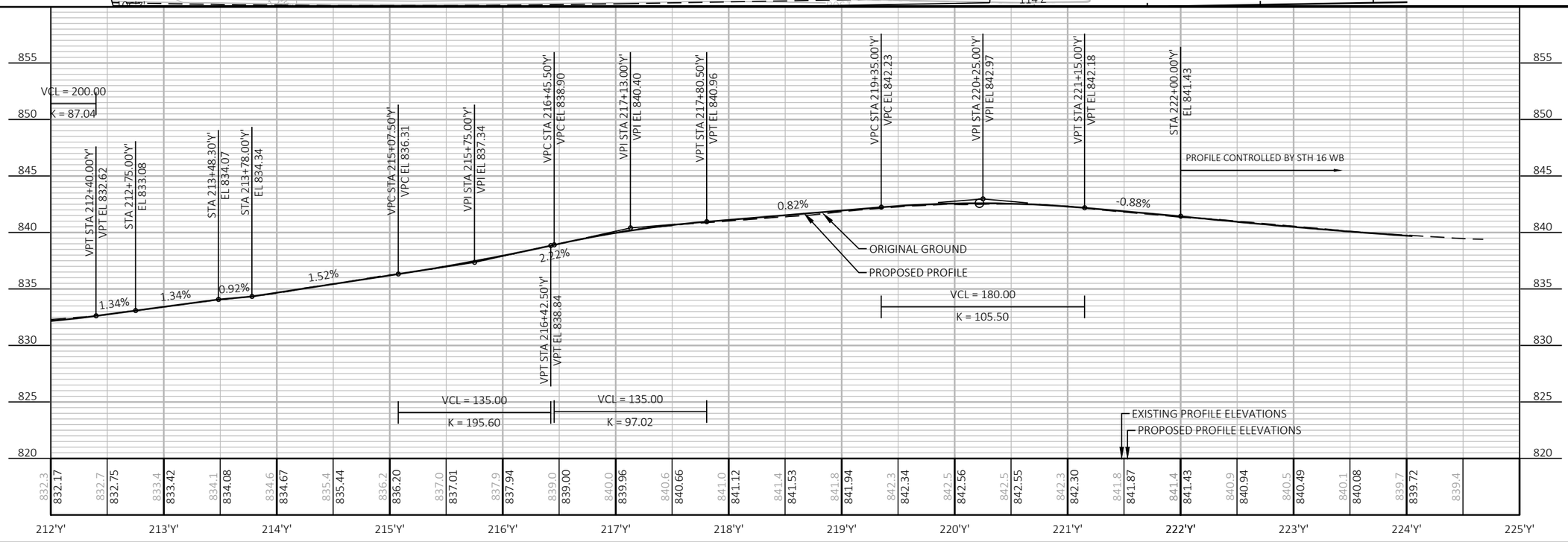
WISDOT/CADDS SHEET 44





PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 19 WB ('Y')	SHEET 247	E





PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: STH 19 WB ('Y')	SHEET 248	E

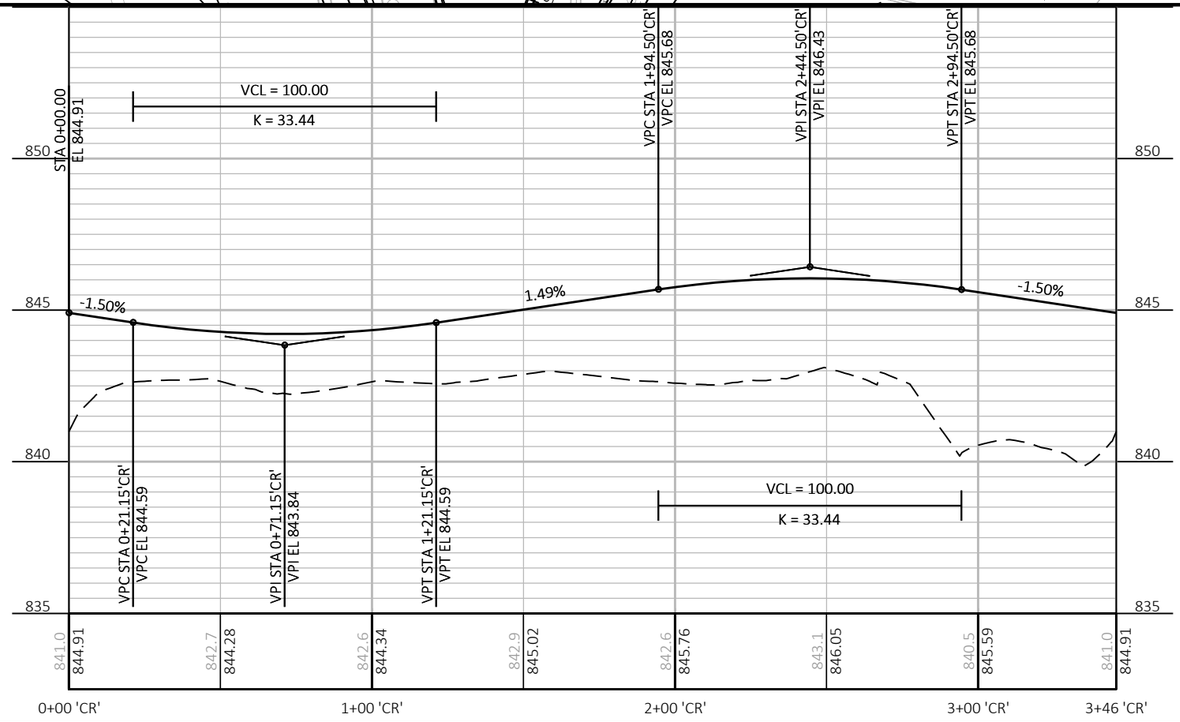
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050203-PP.DWG
LAYOUT NAME - 050209-pp
PLOT DATE : 8/19/2024 3:12 PM
PLOT BY : SAMANTHA BENSON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

STA 101+80'RW' LT
1-43x68-INCH CPRCHE 38-FT EXTENSION REQD
1-43X68-INCH AE CPRCHE REQD

CITY OF WATERTOWN - SANITARY FORCE MAIN
EXISTING R/W
WE ENERGIES - GAS
SI
SPECTRUM - COMMUNICATIONS
TLE
AT&T WI - TELECOMMUNICATIONS
CITY OF WATERTOWN - WATER
WE ENERGIES - ELECTRIC
SPECTRUM - COMMUNICATIONS
WE ENERGIES - GAS
10+00'RE'
100+00'RW'
E MAIN STREET
11+00'RE'
101+00'RW'
3+00'CR'
1+00'CR'
104+00'RW'
15+00'RE'
103+00'RW'
14+00'RE'
E MAIN STREET
CP510
2+00'CR'
EXISTING R/W
WE ENERGIES - ELECTRIC
TLE
SI
EXISTING WETLANDS
CITY OF WATERTOWN - WATER
AT&T WI - FIBER OPTIC
TLE
R/W
AT&T WI - TELECOMMUNICATIONS
SI
11+00'OH'
12+00'OH'
OAK HILL ROAD
SI
EXISTING R/W
N

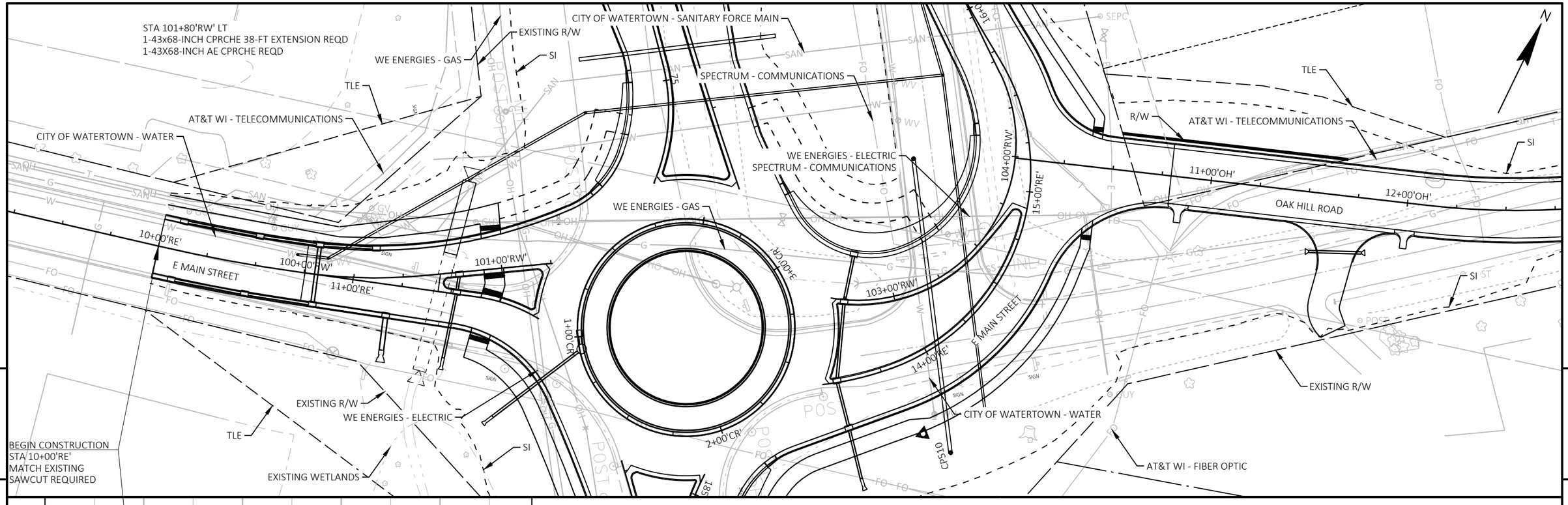
5

5



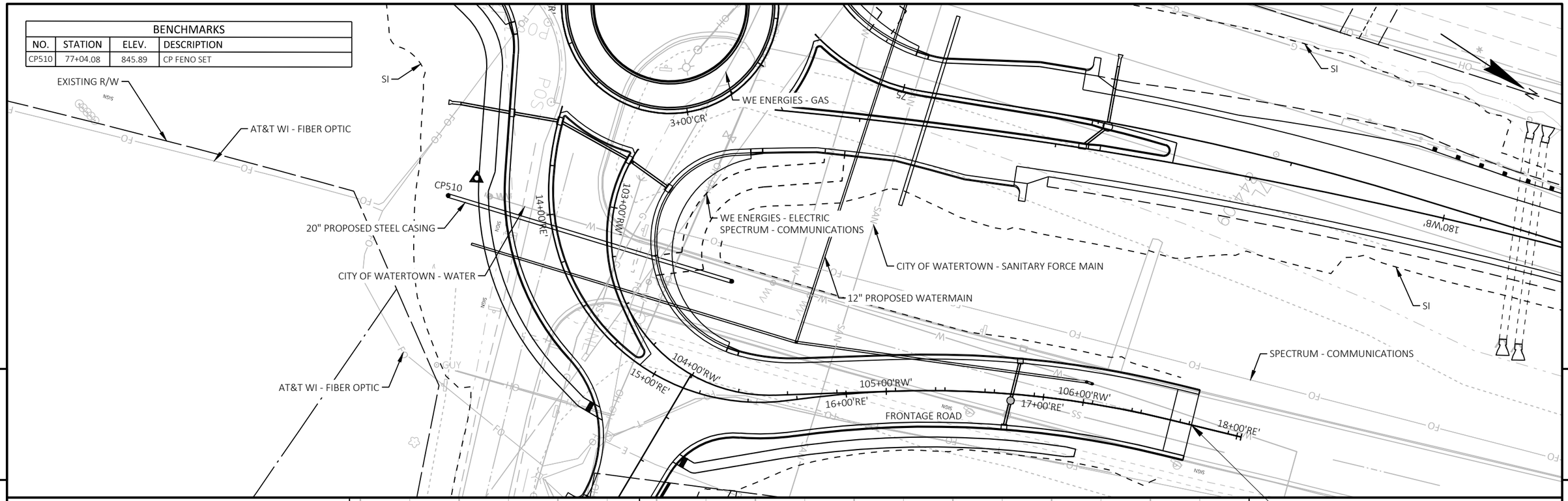
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: ROUNDABOUT CIRCLE ('CR')	SHEET 249	E

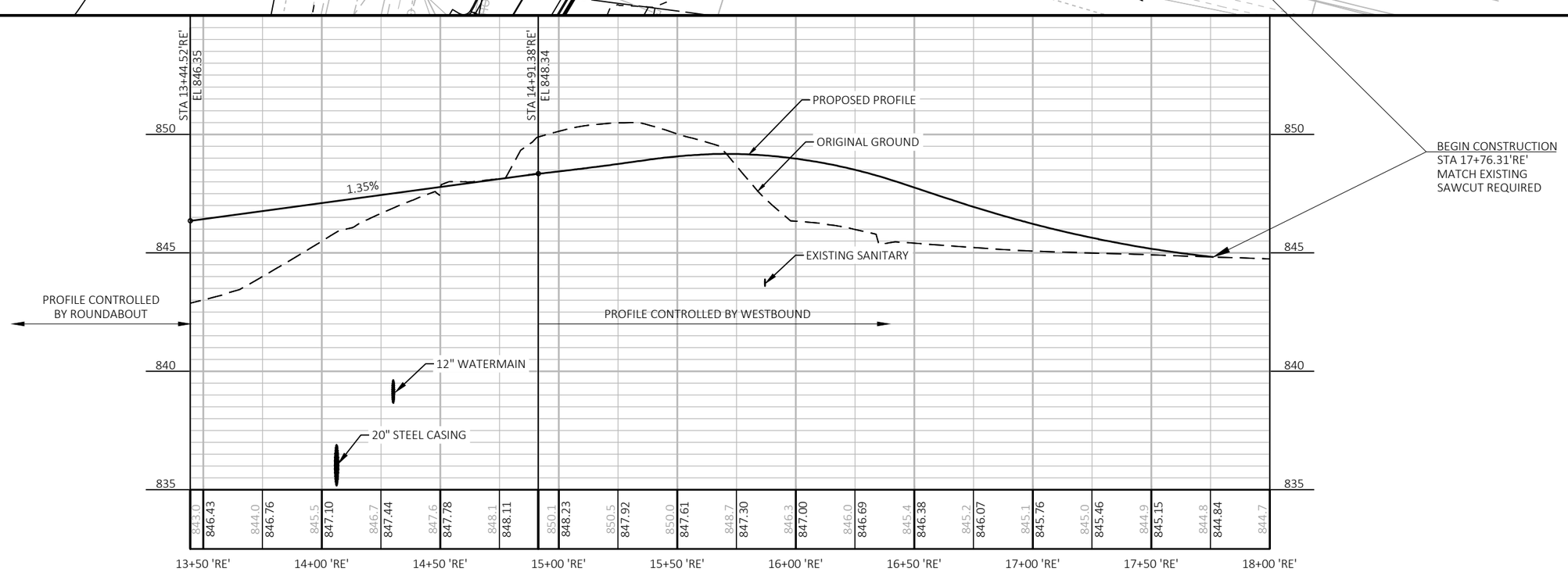
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050204-PP.DWG
LAYOUT NAME - 0502035 (2)
PLOT DATE : 11/19/2024 2:20 PM
PLOT BY : JORDYN BENN
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: EAST MAIN ST EASTBOUND ('RE')	SHEET 250	E

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
CP510	77+04.08	845.89	CP FENO SET





PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: FRONTAGE ROAD EASTBOUND ('RE')	SHEET 251	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050204-PP.DWG
LAYOUT NAME - 0502034
PLOT DATE : 11/19/2024 2:20 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

STA 101+80'RW' LT
1-43x68-INCH CPRCHE 38-FT EXTENSION REQD
1-43X68-INCH AE CPRCHE REQD

CITY OF WATERTOWN - SANITARY FORCE MAIN
EXISTING R/W
WE ENERGIES - GAS
SI
TLE
SPECTRUM - COMMUNICATIONS
AT&T WI - TELECOMMUNICATIONS
CITY OF WATERTOWN - WATER
WE ENERGIES - ELECTRIC
SPECTRUM - COMMUNICATIONS
WE ENERGIES - GAS
104+00'RW'
15+00'RE'
TLE
R/W
AT&T WI - TELECOMMUNICATIONS
SI
11+00'OH'
12+00'OH'
OAK HILL ROAD
10+00'RE'
100+00'RW'
E MAIN STREET
11+00'RE'
101+00'RW'
3+00'CR'
103+00'RW'
1+00'CR'
14+00'RE'
E MAIN STREET
SI
EXISTING R/W
EXISTING R/W
WE ENERGIES - ELECTRIC
TLE
CITY OF WATERTOWN - WATER
CP510
2+00'CR'
SI
EXISTING WETLANDS
AT&T WI - FIBER OPTIC

PROFILE CONTROLLED BY EB
STA 100+34.72'RW'
EL 843.22
STA 101+25.88'RW'
EL 844.34
1.22%
PROFILE CONTROLLED BY ROUNDABOUT
PROPOSED PROFILE
ORIGINAL GROUND
EXISTING CULVERT TO REMAIN

850
845
840
835

844.2	844.17	843.5	843.59	842.9	843.21	842.4	843.04	842.0	843.12	841.8	843.22	841.5	843.41	841.2	843.71	841.1	844.02	842.2	844.33

99+00 'RW' 99+50 'RW' 100+00 'RW' 100+50 'RW' 101+00 'RW'

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: EAST MAIN STREET WESTBOUND ('RW')	SHEET 252	E

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
CP510	77+04.08	845.89	CP FENO SET

EXISTING R/W
AT&T WI - FIBER OPTIC
SI
WE ENERGIES - GAS
3+00'CR'
CP510
14+00'RE'
103+00'RW'
20" PROPOSED STEEL CASING
CITY OF WATERTOWN - WATER
WE ENERGIES - ELECTRIC
SPECTRUM - COMMUNICATIONS
CITY OF WATERTOWN - SANITARY FORCE MAIN
12" PROPOSED WATERMAIN
180'WB'
SI
SPECTRUM - COMMUNICATIONS
AT&T WI - FIBER OPTIC
15+00'RE'
104+00'RW'
105+00'RW'
16+00'RE'
106+00'RW'
17+00'RE'
FRONTAGE ROAD
18+00'RE'

5

5

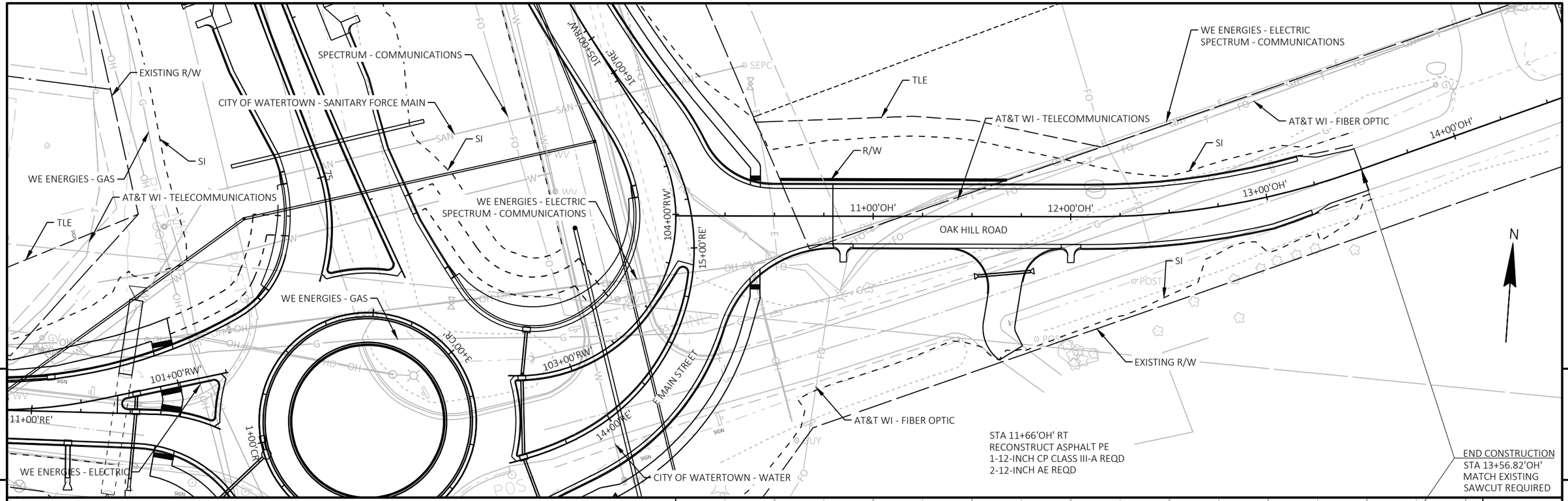
STA 102+68.02'RW'
EL 846.17
VPC STA 104+17.50'RW'
VPC EL 848.80
VPI STA 104+70.00'RW'
VPI EL 849.72
VPT STA 105+22.50'RW'
VPT EL 847.99
VCL = 110.00
K = 49.21
END CONSTRUCTION
STA 106+56'RW'
MATCH EXISTING
SAWCUT REQUIRED
1.76%
-3.30%
PROPOSED PROFILE
ORIGINAL GROUND
EXISTING SANITARY
PROFILE CONTROLLED
BY ROUNDABOUT
VCL = 105.00
K = 20.77
12" WATERMAIN
20" STEEL CASING
VPC STA 105+46.00'RW'
VPC EL 847.22
VPI STA 106+01.00'RW'
VPI EL 845.41
VPT STA 106+56.00'RW'
VPT EL 844.82

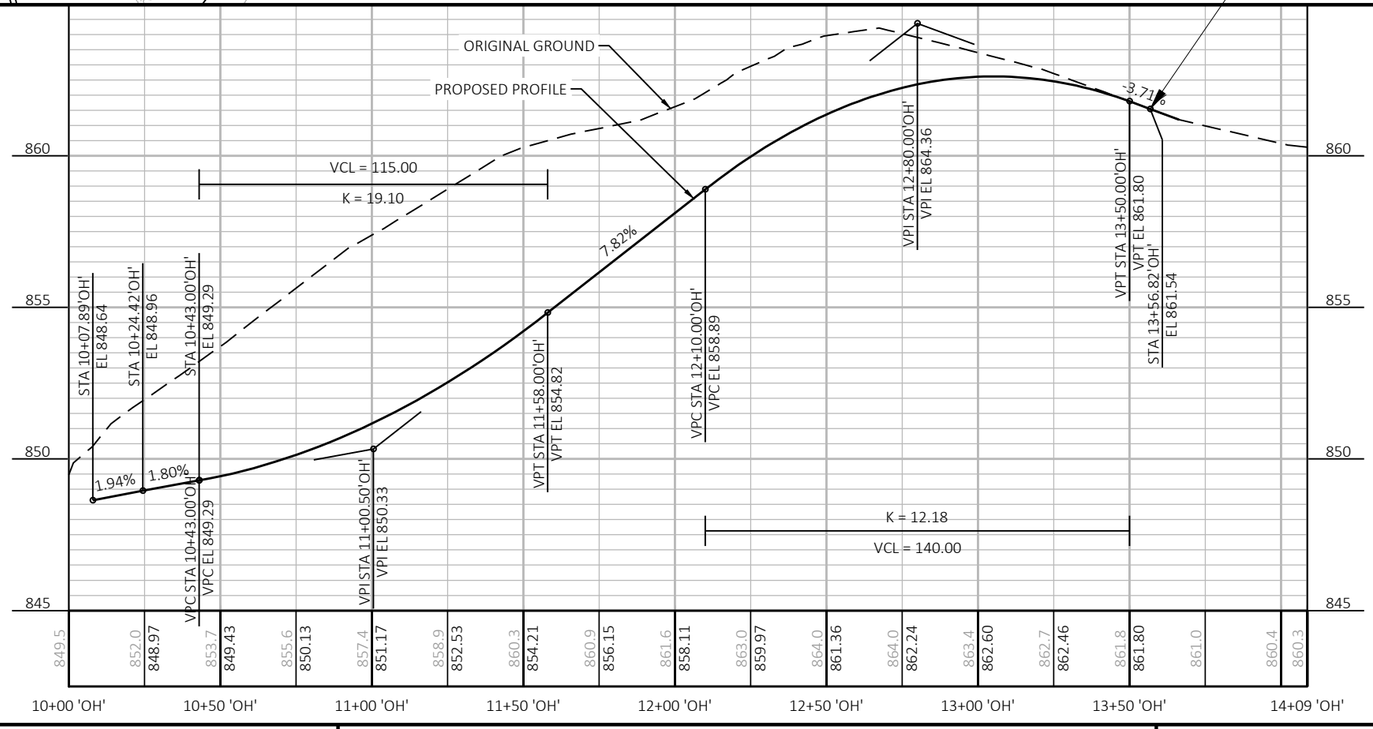
850
845
840
835

842.4 846.29 844.6 846.73 845.7 847.17 846.3 847.61 847.6 848.05 849.5 848.49 849.9 848.92 848.4 849.12 846.4 849.02 846.1 848.61 845.4 847.91 845.3 847.09 845.1 846.35 845.0 845.74 844.9 845.25 844.8 844.89 844.8

102+68 'RW' 103+00 'RW' 103+50 'RW' 104+00 'RW' 104+50 'RW' 105+00 'RW' 105+50 'RW' 106+00 'RW' 106+50 'RW' 107+00 'RW'

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: FRONTAGE ROAD WESTBOUND ('RW')	SHEET 253	E





PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: OAK HILL RD ('OH')	SHEET 254	E

STA 9+03'A' LT
1-24-INCH CPRC 16-FT EXTENSION REQD
1-24-INCH AE CPRC REQD
1-CONCRETE COLLAR FOR PIPES REQD

AT&T WI - TELECOMMUNICATIONS

SI

CPRC CLASS III 24-INCH

STA 134+95.20 =
STA 10+00.00 'A'
Y=622,370.691
X=888,503.257

STH 16

WE ENERGIES - ELECTRIC

SI

EXISTING R/W

N

22+00'A'

21+00'A'

23+00'A'

GOPHER HILL ROAD

9+00'A'

CAUTION

8+00'A'

GOPHER HILL ROAD

STA 241+80.18 =
STA 20+00.00 'A'
Y=622,371.686
X=888,513.958

SI

AT&T WI - FIBER OPTIC

US CELLULAR - COMMUNICATIONS

END CONSTRUCTION
STA 21+26.64'A'
MATCH EXISTING
SAW CUT REQ'D

SI

BEGIN CONSTRUCTION
STA 8+19+78'A'
MATCH EXISTING
SAW CUT REQ'D

WE ENERGIES - GAS

EXISTING R/W

5

5

855
850
845
840

STA 8+15.02'A'
EL 844.52

STA 8+20.00'A'
EL 844.57

VPC STA 8+25.00
VPC EL 844.61

VPI STA 8+65.00
VPI EL 844.94

VPT STA 9+05.00
VPT EL 844.82

VCL = 60.00
K = 23.10

VPC STA 9+25.60'A'
VPC EL 844.76

STA 9+85.98'A'
EL 845.37

STA 10+00.00'A'
EL 845.69

STA 20+00.00
EL 845.64

STA 20+13.99
EL 845.49

VCL = 110.00
K = 30.37

VPT STA 21+02.04
VPT EL 846.94

-0.96%
0.82%
-0.30%
2.30%
-1.11%
0.49%

ORIGINAL GROUND
PROPOSED PROFILE

VCL = 80.00
K = 71.43

EXISTING CULVERT TO REMAIN

VPI STA 9+55.60'A'
VPI EL 844.67

VPT STA 9+85.60'A'
VPT EL 845.36

VPC STA 20+15.04'A'
VPC EL 845.48

VPI STA 20+70.04'A'
VPI EL 845.22

EXISTING PROFILE ELEVATIONS
PROPOSED PROFILE ELEVATIONS

844.6 844.61 | 844.8 844.77 | 844.8 844.84 | 844.8 844.83 | 844.8 844.76 | 844.8 844.81 | 845.2 845.14 | 845.6 845.69 | VPC STA 20+15.04'A' VPC EL 845.48 | 845.5 845.45 | 845.5 845.52 | VPI STA 20+70.04'A' VPI EL 845.22 | 845.78 | 846.3 846.26 | 846.9 846.94 | 847.7 | 848.4

7+77 'A' 8+00 'A' 8+50 'A' 9+00 'A' 9+50 'A' 10+00 'A' 20+00 'A' 20+50 'A' 21+00 'A' 21+50 'A' 22+00 'A' 22+50 'A' 23+00 'A' 23+50 'A' 23+66 'A'

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: GOPHER HILL ROAD ('A')	SHEET 255	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050204-PP.DWG
LAYOUT NAME - 0502038

PLOT DATE : 11/19/2024 2:21 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WE ENERGIES - GAS

AT&T WI - TELECOMMUNICATIONS

SI

STA 181+75.81 =
STA 10+00.00 'B'
Y=620,176.410
X=892,637.547

STA 10+69'B' LT
1-24-INCH CPCS 5-FT EXTENSION REQD
1-24-INCH AE CPCS REQD

N

ASH ROAD

10+50'B'

11+00'B'

11+50'B'

CPCS 24-INCH

8+50'C'

9+00'C'

9+50'C'

EAST GATE DRIVE

STA 181+82.29 =
STA 10+00.00 'C'
Y=620,173.365
X=892,643.266

SI

STA 10+50'B' RT
1-24-INCH CPCS 3-FT EXTENSION REQD
1-24-INCH AE CPCS REQD

BEGIN CONSTRUCTION
STA 9+05.99'C'
MATCH EXISTING
SAW CUT REQ'D

AT&T WI - TELECOMMUNICATIONS

WE ENERGIES - ELECTRIC

SI

END CONSTRUCTION
STA 11+00'B'
MATCH EXISTING
SAW CUT REQ'D

5

5

VCL = 80.00
K = 20.01

VCL = 85.00
K = 22.09

865

860

859

STA 9+05.99'C'
EL 863.49

VPC STA 9+05.99'C'
VPC EL 863.49

VPI STA 9+45.99'C'
VPI EL 862.70

STA 9+86.98'C'
EL 863.53

VPT STA 9+85.99'C'
VPT EL 863.51

STA 10+00.00'C'
EL 863.74

2.03%

1.62%

STA 10+00.00'B'
EL 863.71

-2.06%

STA 10+12.98'B'
EL 863.44

1.67%

VPC STA 10+15.00
VPC EL 863.40

VPI STA 10+57.50
VPI EL 862.69

VPT STA 11+00.00
VPT EL 863.62

STA 11+00.00'B'
EL 863.62

ORIGINAL GROUND

PROPOSED PROFILE

EXISTING CULVERT TO REMAIN

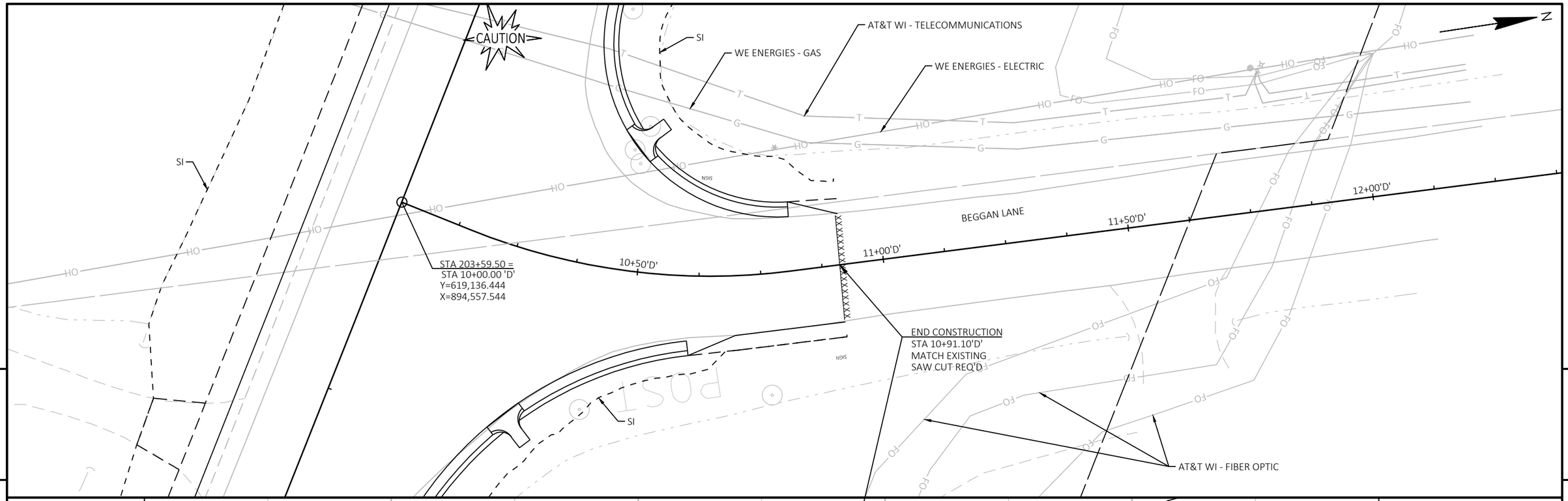
EXISTING PROFILE ELEVATIONS

PROPOSED PROFILE ELEVATIONS

865.1	864.1	863.6	863.2	863.20	863.2	863.10	863.3	863.32	863.8	863.74	863.7	863.71	863.3	863.26	863.1	863.10	863.2	863.21	863.6	863.62	864.2

8+50 'C' 9+00 'C' 9+50 'C' 10+00 'C' 10+00 'B' 10+50 'B' 11+00 'B' 11+25 'B'

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: EAST GATE DRIVE-ASH ROAD ('B' & 'C')	SHEET 256	E



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: BEGGAN LANE ('D')	SHEET 257	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050204-PP.DWG
LAYOUT NAME - 0502040
PLOT DATE : 11/19/2024 2:21 PM
PLOT BY : JORDYN BENN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 44

EXISTING R/W

SI

CAUTION

HUSTISFORD ROAD

9+00'E'

9+50'E'

10+00'E'

10+50'E'

11+00'E'

11+50'E'

AT&T WI - TELECOMMUNICATIONS

STA 243+28.15 =
STA 10+00.00 'E'
Y=617,123.624
X=897,977.884

BEGIN CONSTRUCTION
STA 9+30'E'
MATCH EXISTING
SAW CUT REQ'D

WE ENERGIES - GAS

WE ENERGIES - ELECTRIC

END CONSTRUCTION
STA 10+91.37'E'
MATCH EXISTING
SAW CUT REQ'D

AT&T WI - FIBER OPTIC

N

5

5

VCL = 50.00

K = 22.32

VCL = 38.00

K = 17.30

ORIGINAL GROUND

PROPOSED PROFILE

1.95%

2.07%

-1.95%

-2.95%

-0.69%

1.60%

STA 9+30.00'E' EL 869.51

VPC STA 9+30.00'E' VPC EL 869.51

VPI STA 9+55.00'E' VPI EL 869.44

STA 9+87.92'E' EL 870.08

VPT STA 9+80.00'E' VPT EL 869.93

STA 10+00.00'E' EL 870.33

STA 10+12.03'E' EL 870.10

STA 10+43.00'E' EL 869.19

VPC STA 10+43.00'E' VPC EL 869.19

VPI STA 10+62.00'E' VPI EL 868.64

VPT STA 10+81.00'E' VPT EL 868.51

STA 10+85.00'E' EL 868.48

STA 10+92.00'E' EL 868.37

EXISTING PROFILE ELEVATIONS

PROPOSED PROFILE ELEVATIONS

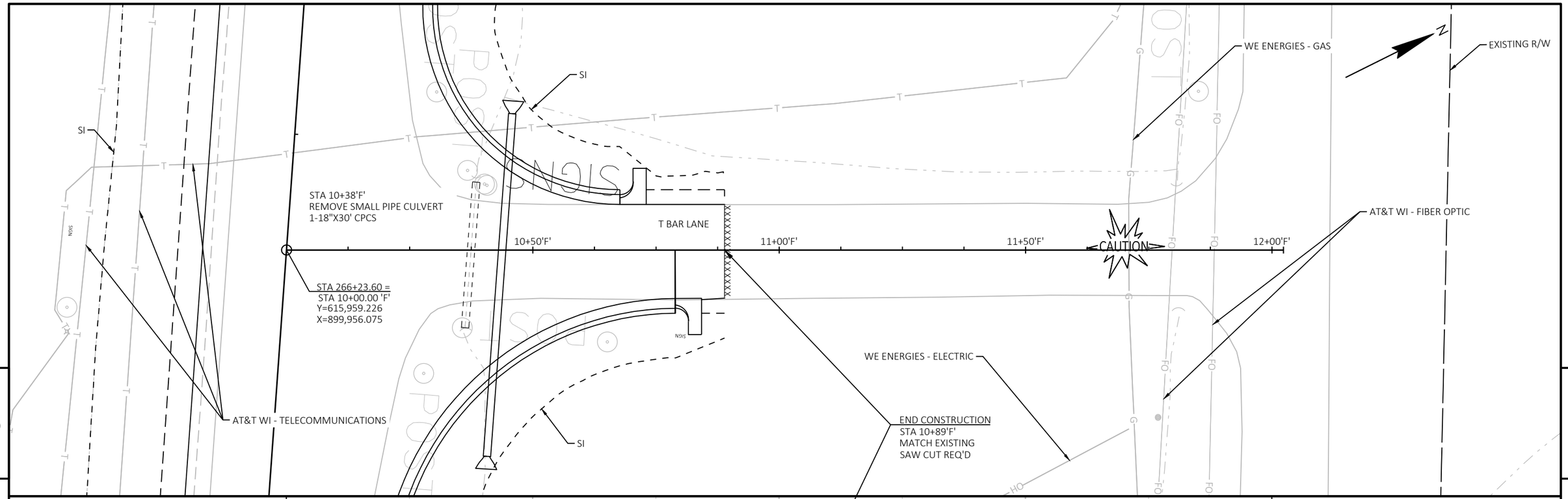
870

865

870.1	869.5	869.5	869.55	869.7	869.84	870.2	870.33	869.6	869.72	869.0	869.00	868.5	868.56	868.2

9+00 'E' 9+50 'E' 10+00 'E' 10+50 'E' 11+00 'E'

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: HUSTISFORD ROAD ('E')	SHEET 258	E



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: T BAR LANE ('F')	SHEET 259	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050204-PP.DWG
LAYOUT NAME - 0502042

PLOT DATE : 11/19/2024 2:21 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 44

WE ENERGIES - ELECTRIC

SI

WE ENERGIES - GAS

SI

AT&T WI - FIBER OPTIC

STA 289+02.00 =
STA 10+00.00 'G'
Y=614,803.470
X=901,919.583

10+50'G'

11+00'G'

CTH SC/MAIN STREET

11+50'G'

12+00'G'

12+50'G'

SI

END CONSTRUCTION
STA 11+00'G'
MATCH EXISTING
SAW CUT REQ'D

AT&T WI - TELECOMMUNICATIONS

EXISTING R/W

5

5

VCL = 50.00

K = 31.69

STA 10+00.00'G'
EL 857.66

STA 10+12.00'G'
EL 857.42

STA 11+00.00'G'
EL 857.62

ORIGINAL GROUND

PROPOSED PROFILE

-2.01%

-0.83%

0.75%

VPC STA 10+16.25'G'
VPC EL 857.38

VPI STA 10+41.25'G'
VPI EL 857.18

VPT STA 10+66.25'G'
VPT EL 857.36

PROPOSED PROFILE ELEVATIONS

EXISTING PROFILE ELEVATIONS

860

855

857.9	857.4	857.3	857.4	857.6	857.8	858.1
857.66	857.32	857.28	857.43	857.62		

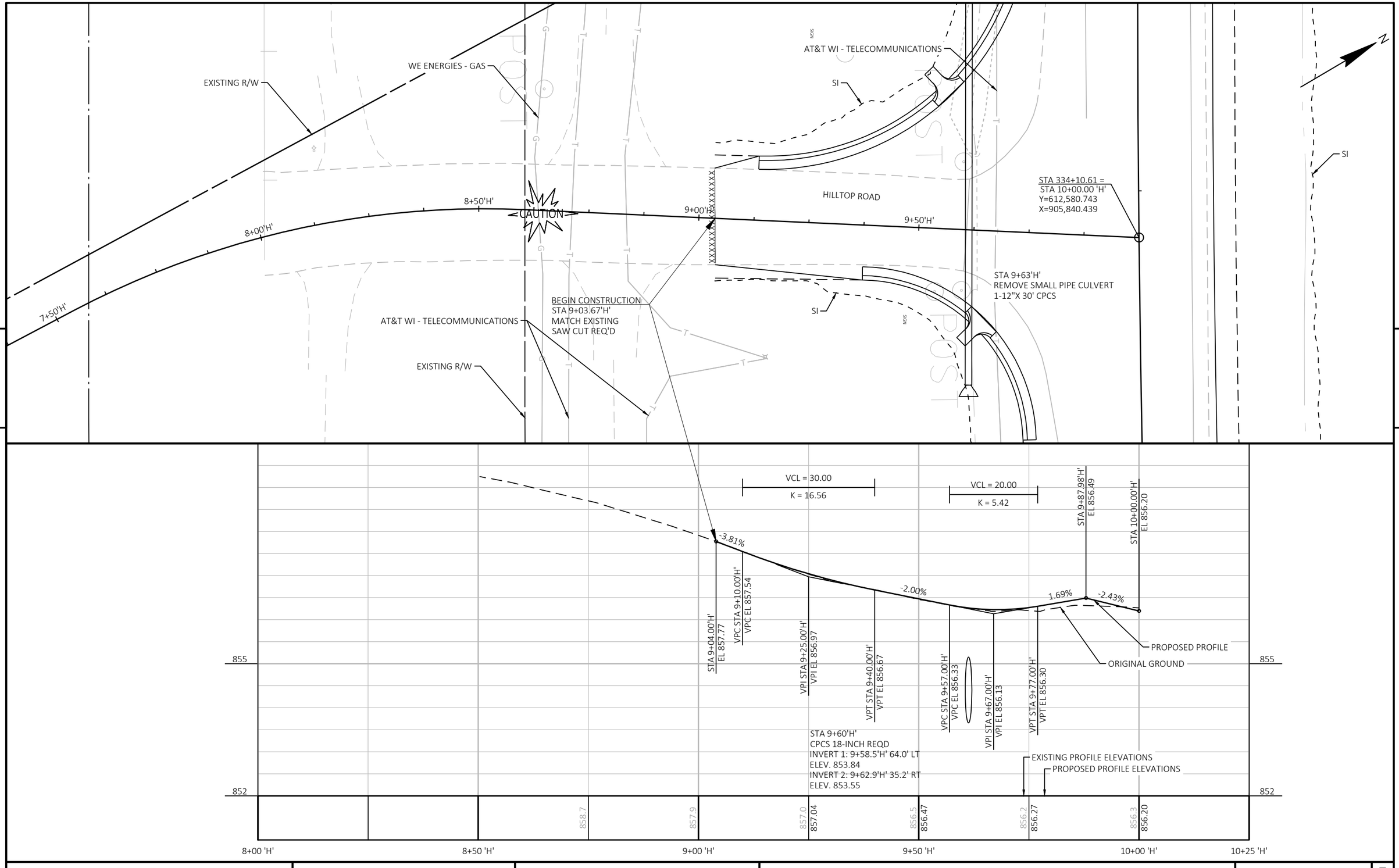
9+75 'G' 10+00 'G' 10+50 'G' 11+00 'G' 11+50 'G' 12+00 'G'

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: CTH SC/MAIN ST ('G')	SHEET 260	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050204-PP.DWG
LAYOUT NAME - 0502043

PLOT DATE : 11/19/2024 2:21 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: HILLTOP ROAD ('H')	SHEET 261	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050204-PP.DWG
LAYOUT NAME - 0502044
PLOT DATE : 11/19/2024 2:21 PM
PLOT BY : JORDYN BENN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 44

5

SPECTRUM - COMMUNICATIONS

SI

STA 9+30'I' RT
1-24-INCH CPCS 6-FT EXTENSION REQD
1-24-INCH AE CPCS REQD

MARIETTA AVENUE

9+00'I'

9+50'I'

10+00'I'

CPCS 24-INCH

AT&T WI - FIBER OPTIC

AT&T WI - TELECOMMUNICATIONS

BEGIN CONSTRUCTION
STA 9+10'I'
MATCH EXISTING
SAW CUT REQ'D

STA 353+91.62 =
STA 10+00.00 'I'
Y=611,906.741
X=907,692.788

STA 353+77.07 =
STA 20+00.00 'I'
Y=611,909.307
X=907,678.468

20+00'I'

20+50'I'

21+00'I'

21+50'I'

HIGHVIEW ROAD

STA 20+59'I' LT
1-24-INCH CPCS 11-FT EXTENSION REQD
1-24-INCH AE CPCS REQD

WE ENERGIES - ELECTRIC

WE ENERGIES - ELECTRIC

STA 20+47'I' RT
1-24-INCH CPCS 12-FT EXTENSION REQD
1-24-INCH AE CPCS REQD

END CONSTRUCTION
STA 20+89'I'
MATCH EXISTING
SAW CUT REQ'D

AT&T WI - FIBER OPTIC

N

PROPOSED PROFILE
ORIGINAL GROUND

VCL = 20.00
K = 10.41

VCL = 70.00
K = 14.59

0.84%
0.65%
-1.37%
-2.60%
-2.57%
0.47%
4.33%

STA 9+08.93
EL 866.20
VPC STA 9+13.00'I'
VPC EL 866.23

VPI STA 9+23.00'I'
VPI EL 866.32

VPT STA 9+33.00'I'
VPT EL 866.19

VPI STA 9+43.00'I'
VPI EL 866.06

VPC STA 9+53.00'I'
VPC EL 866.13

VPC STA 9+55.00'I'
VPC EL 866.14

VPI STA 9+70.00'I'
VPI EL 866.24

VPT STA 9+85.00'I'
VPT EL 866.03

STA 9+87.42
EL 866.00
STA 10+00.00
EL 865.67

STA 9+09.00
EL 866.20

STA 20+00.00'I'
EL 865.52

STA 20+12.25'I'
EL 865.21

VPC STA 20+18.00'I'
VPC EL 865.18

VPI STA 20+53.00'I'
VPI EL 865.02

VPT STA 20+88.00'I'
VPT EL 866.53

STA 20+88.98'I'
EL 866.57

EXISTING CULVERT TO REMAIN

EXISTING CULVERT TO REMAIN

VCL = 20.00
K = 9.49

VCL = 30.00
K = 14.87

EXISTING PROFILE ELEVATIONS
PROPOSED PROFILE ELEVATIONS

865

860

866.2	866.3	866.26	866.1	866.11	866.1	866.14	865.9	865.67	20+00.00	865.52	865.2	865.16	865.4	865.38	866.0	866.03	867.0						

9+00 'I' 9+50 'I' 10+00 'I' 20+00 'I' 20+50 'I' 21+00 'I'

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: HIGHVIEW ROAD-MARIETTA AVENUE ('I')	SHEET 262	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050204-PP.DWG
LAYOUT NAME - 0502045

PLOT DATE : 11/19/2024 2:21 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 44

STA 369+37.47 =
STA 10+00.00 'J'
Y=611,782.653
X=909,232.442

STA 10+45'J' LT
1-18-INCH CPCS 10-FT EXTENSION REQD
1-18-INCH AE CPCS REQD

STA 10+38'J' RT
1-18-INCH CPCS 13-FT EXTENSION REQD
1-18-INCH AE CPCS REQD

END CONSTRUCTION
STA 10+64'J'
MATCH EXISTING
SAW CUT REQ'D

WE ENERGIES - ELECTRIC

HAWTHORNE DRIVE

AT&T WI - TELECOMMUNICATIONS

EXISTING R/W

18-INCH CPCS

10+50'J'

11+00'J'

11+50'J'

12+00'J'

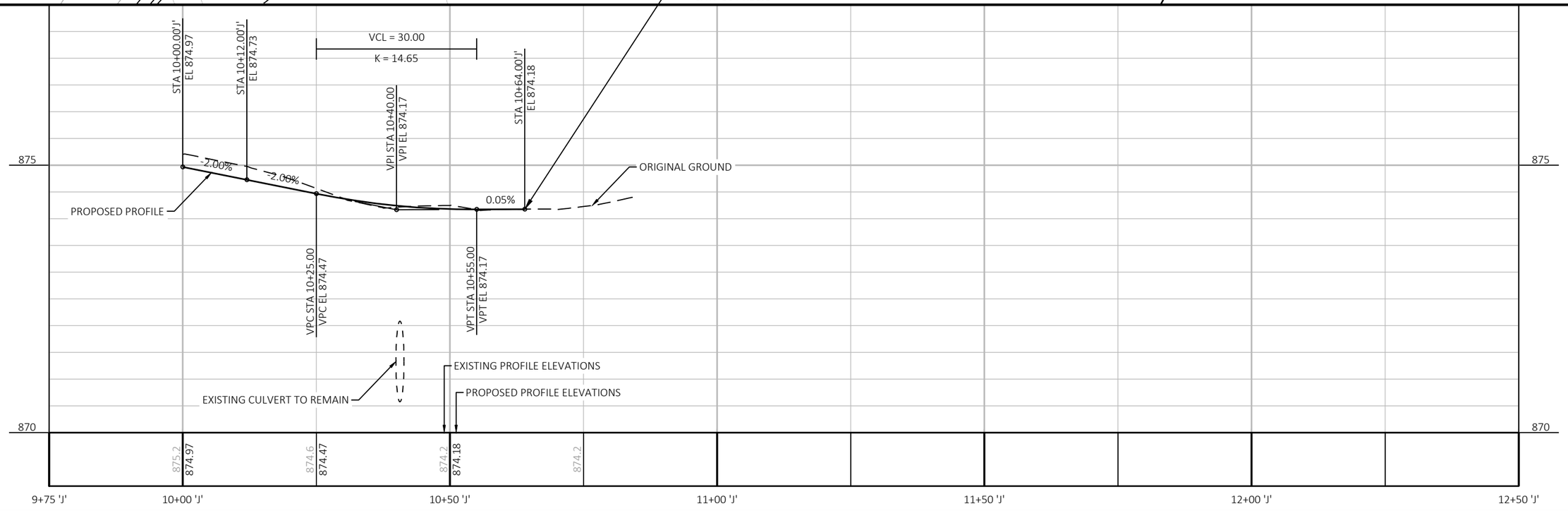
12+50'J'

SI

N

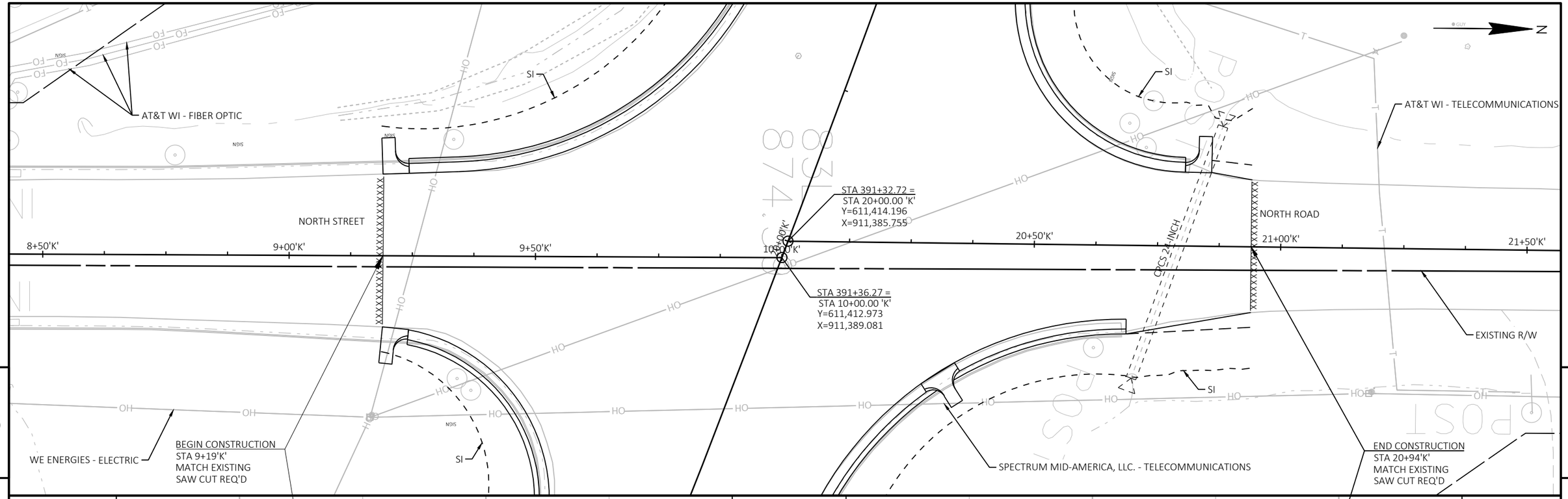
5

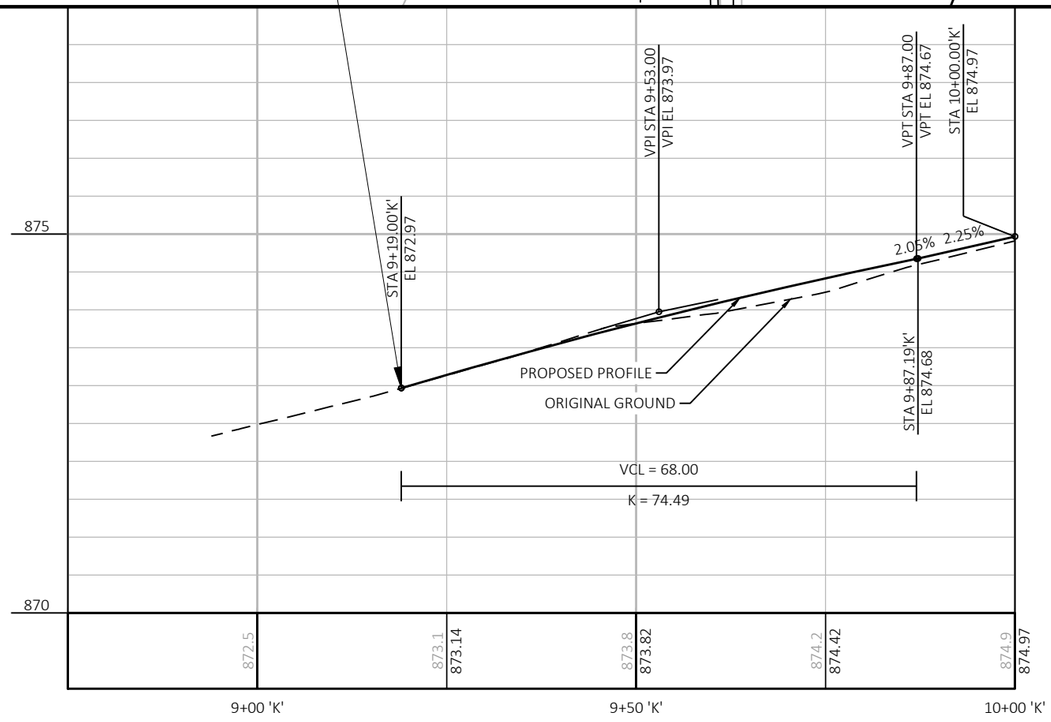
5

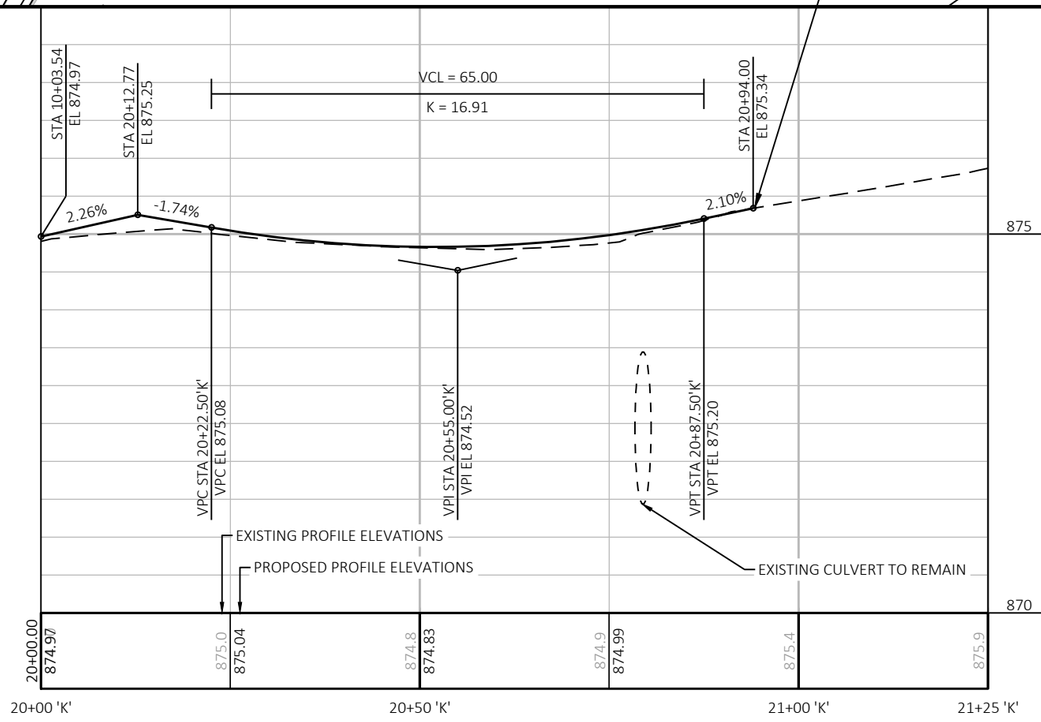


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: HAWTHORNE DRIVE ('J')	SHEET 263	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050204-PP.DWG
LAYOUT NAME - 0502046
PLOT DATE : 11/19/2024 2:21 PM
PLOT BY : JORDYN BENN
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 44







PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: NORTH ROAD-NORTH STREET ('K')	SHEET 264	E

AT&T WI - FIBER OPTIC

WE ENERGIES - GAS

SI

CAUTION

N

SI

RIVER VALLEY ROAD

RIVER VALLEY ROAD

8+50'L' 9+00'L' 9+50'L' 10+00'L' 10+50'L' 11+00'L' 11+50'L'

STA 441+91.68 =
STA 10+00.00 'L'
Y=608,367.148
X=915,358.945

SI

SI

BEGIN CONSTRUCTION
STA 8+62.48'L'
MATCH EXISTING
SAW CUT REQ'D

WE ENERGIES - ELECTRIC

SPECTRUM MID-AMERICA, LLC. - TELECOMMUNICATIONS

EXISTING R/W

END CONSTRUCTION
STA 11+08.48'L'
MATCH EXISTING
SAW CUT REQ'D

5

5

STA 8+63.24'L'
EL 884.27

VCL = 50.00
K = 10.32

VCL = 60.00
K = 16.75

885

VCL = 50.00
K = 13.42

VPC STA 9+30.24
VPC EL 881.45

STA 9+85.95'L'
EL 881.37

STA 10+00.00'L'
EL 881.10

STA 10+14.06'L'
EL 880.83

VPC STA 10+16.24
VPC EL 880.79

VPT STA 10+76.24
VPT EL 880.68

STA 11+09.24'L'
EL 881.21

VPC STA 8+63.24
VPC EL 884.27

VPI STA 8+88.24
VPI EL 882.63

VPT STA 9+13.24
VPT EL 881.93

VPI STA 9+55.24
VPI EL 880.75

VPT STA 9+80.24
VPT EL 881.25

VPI STA 10+46.24
VPI EL 880.19

-2.82%

2.03%

-1.92%

-1.93%

-1.97%

1.61%

EXISTING PROFILE ELEVATIONS
PROPOSED PROFILE ELEVATIONS

PROPOSED PROFILE

ORIGINAL GROUND

880

885.2	883.5	882.3	881.6	881.1	881.1	881.1	880.4	880.3	880.7	881.1	881.4	881.6
	883.55	882.37	881.60	881.08	881.16	881.10	880.64	880.46	880.66	881.06		

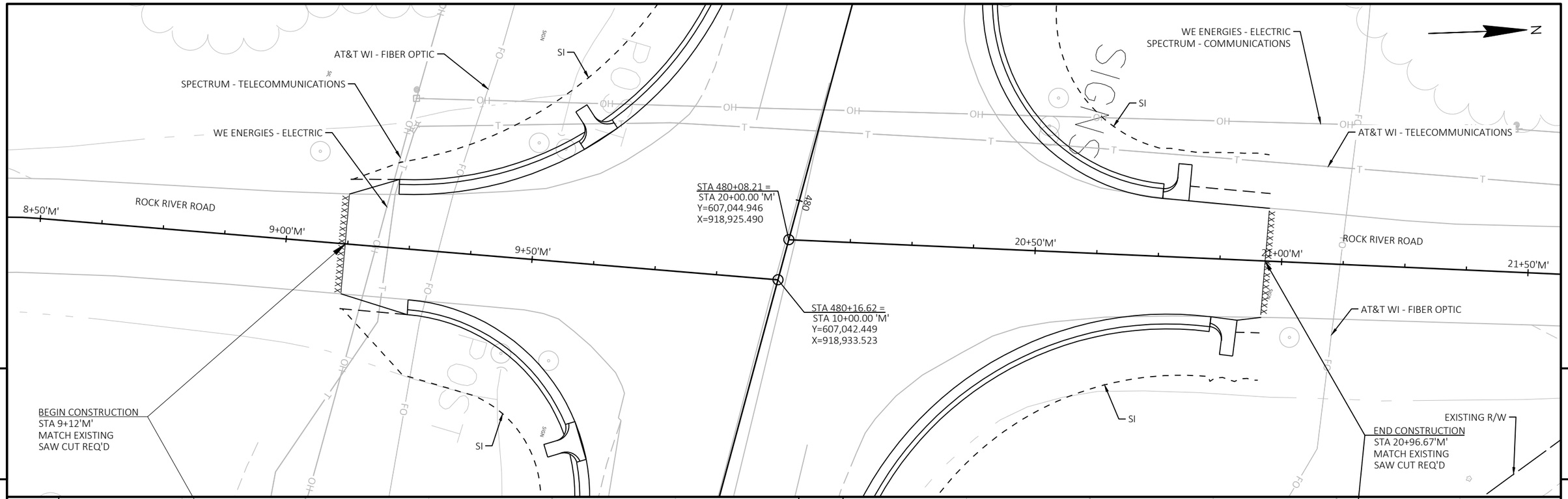
8+50 'L' 9+00 'L' 9+50 'L' 10+00 'L' 10+50 'L' 11+00 'L' 11+50 'L'

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: RIVER VALLEY ROAD ('L')	SHEET 265	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050204-PP.DWG
LAYOUT NAME - 0502048

PLOT DATE : 11/19/2024 2:22 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	PLAN AND PROFILE: ROCK RIVER ROAD ('M')	SHEET 266	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\050204-PP.DWG
LAYOUT NAME - 0502049

PLOT DATE : 11/19/2024 2:22 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:20 FT

Standard Detail Drawing List

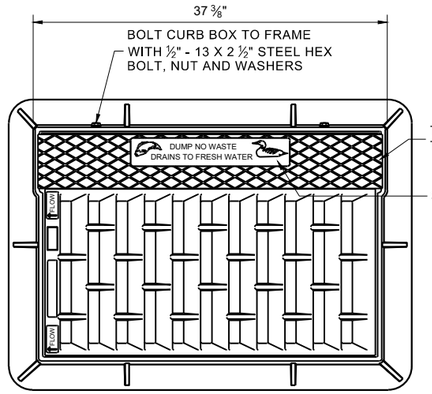
08A05-21A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-21C	INLET COVERS TYPE F, HM, HM-S, S, T, HM-GJ & HM-GJ-S
08A05-21D	INLET COVERS TYPE V, V-B, & VV-B
08A05-21E	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L & M
08B09-04	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT, 10-FT DIAMETER
08C06-03	INLETS 3-FT AND 4-FT DIAMETER
08C07-03	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT, 2.5X3-FT & 2X3.5-FT
08D01-23A	CONCRETE CURB & GUTTER
08D01-23B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D02-08A	CONCRETE SURFACE DRAINS FLUME TYPE AT STRUCTURES
08D02-08B	CONCRETE SURFACE DRAINS FLUME TYPE AT STRUCTURES
08D02-08C	CONCRETE SURFACE DRAINS FLUME TYPE AT STRUCTURES
08D04-07	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D05-21A	CURB RAMPS TYPES 1 AND 1-A
08D05-21B	CURB RAMPS TYPES 2 AND 3
08D05-21C	CURB RAMPS TYPES 4A AND 4A1
08D05-21D	CURB RAMPS TYPE 4B AND 4B1
08D05-21E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-21F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-21G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08D15-05A	EDGEDRAIN OUTLET AND OUTFALL MARKERS
08D15-05C	EDGEDRAIN AND BASE AGGREGATE OPEN GRADED
08D20-01	DRIVEWAYS WITH CURB & GUTTER RETURNS
08D21-01	DRIVEWAYS WITHOUT CURB & GUTTER
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F02-01	APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09A01-14A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
09A01-14B	AT-GRADE SIDE ROAD INTERSECTION, TYPE "A1" & "A2"
09B02-10	CONDUIT
09B04-12	PULL BOX
09C02-09	CONCRETE BASES, TYPES 1, 2, 5, & 6
09C03-04	TRANSFORMER/PEDESTAL BASES
09C14-03	CONCRETE CONTROL CABINET BASE, TYPE L
09D04-03	LIGHTING CONTROL CABINET 120/240 VOLT
09E01-15D	POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 5 (30 FEET)
09E02-05	FREEWAY LIGHTING UNIT POLE WIRING
10A01-04	ELECTRICAL HANDHOLE WIRING
10A02-03	IDENTIFICATION PLAQUES LIGHT POLES
10A05-03	ELECTRICAL DETAILS GROUND MOUNT LIGHT POLES ISOLATED NEUTRAL SYSTEMS
11B02-02	CONCRETE MEDIAN NOSE
12A03-10	NAME PLATE (STRUCTURES)
13A03-07	CONCRETE PAVEMENT SHOULDERS
13A05-06A	SHOULDER RUMBLE STRIPS, DIVIDED ROADWAY
13A05-06B	SHOULDER RUMBLE STRIPS, DIVIDED ROADWAY
13A10-03A	SHOULDER RUMBLE STRIPS - ASPHALT
13A10-03G	SHOULDER AND EDGE LINE RUMBLE STRIPS - CROSSINGS, INTERSECTIONS, BRIDGES, DRIVEWAYS
13A10-03H	SHOULDER AND EDGE LINE RUMBLE STRIPS - RAILROAD, PASSING, CLIMBING AND BYPASS LANES
13A11-04A	CENTERLINE RUMBLE STRIPS - ASPHALT
13A11-04D	CENTERLINE RUMBLE STRIPS - INTERSECTIONS, DRIVEWAYS, BRIDGES, RAILROADS
13B02-09A	CONCRETE PAVEMENT APPROACH SLAB
13C01-19	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
13C11-14A	RURAL DOWELED CONCRETE PAVEMENT
13C11-14B	RURAL DOWELED CONCRETE PAVEMENT
13C18-08A	CONCRETE PAVEMENT JOINTING
13C18-08B	CONCRETE PAVEMENT STEEL REINFORCEMENT
13C18-08C	CONCRETE PAVEMENT JOINT TYPES
13C18-08D	CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES
13C18-08E	CONCRETE PAVEMENT JOINTING AND STEEL REINFORCEMENT IN ROUNDABOUTS
13C18-08F	CONCRETE PAVEMENT INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER
13C19-03	HMA LONGITUDINAL JOINTS
14B15-11A	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS
14B15-11B	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS

6

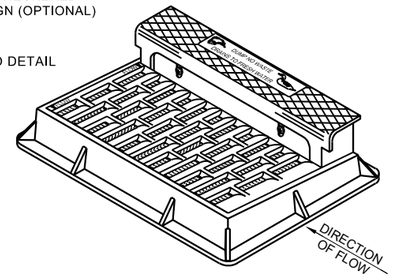
Standard Detail Drawing List

14B15-11C	STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS
14B24-09A	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
14B24-09B	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
14B24-09C	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
14B42-07A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-04A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-05A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05D	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05E	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05F	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05G	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05H	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05I	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05J	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05K	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05L	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B47-05A	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-05B	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-05C	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-05D	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-05E	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-05F	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-05G	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C02-09A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-09B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-09C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C02-09H	MODIFIED ROUTE ASSEMBLY FOR DETOUR SIGNING
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23D	PAVEMENT MARKING (TURN LANES)
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C18-08A	MEDIAN ISLAND MARKING PAVEMENT MARKINGS
15C18-08B	MEDIAN ISLAND MARKING MEDIAN ISLAND NOSE
15C31-06C	PAVEMENT MARKING ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15D37-03	TRAFFIC CONTROL, 2-LANE ROUNDABOUT
15D44-02	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

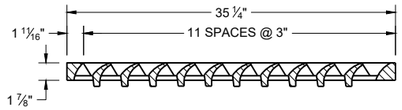
6

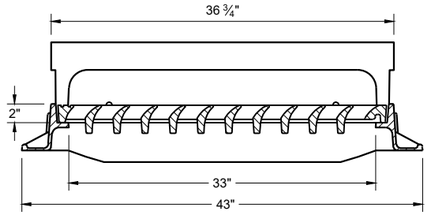


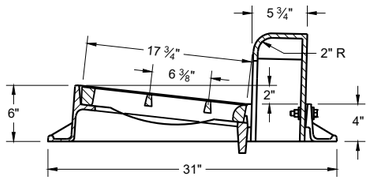
NOTE: EITHER CASTING IS ACCEPTABLE

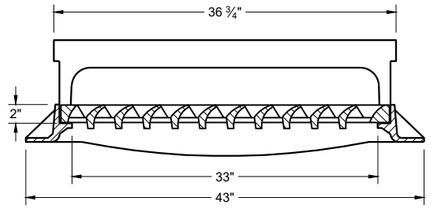


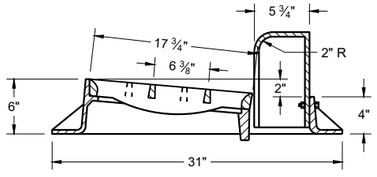
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"







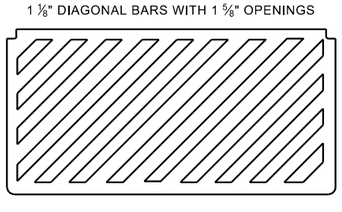




TYPE "H"

NOTE: EITHER CASTING IS ACCEPTABLE

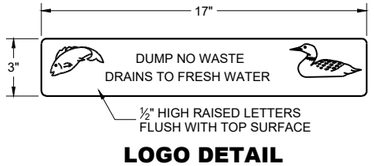
1 1/8" DIAGONAL BARS WITH 1 5/8" OPENINGS



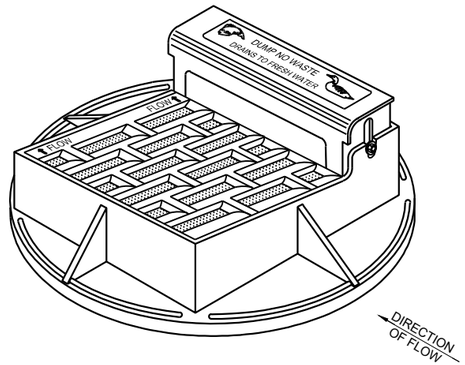
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

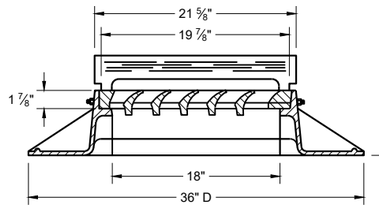


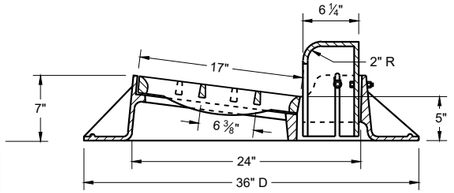
LOGO DETAIL



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

NOTE: EITHER CASTING IS ACCEPTABLE





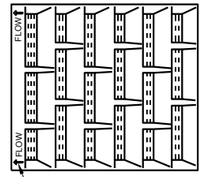
TYPE "A"

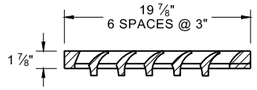
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

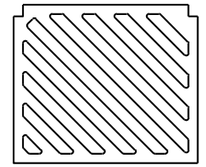
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.





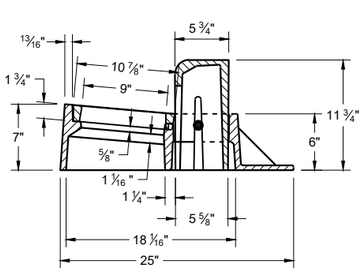
1" DIAGONAL BARS WITH 1 1/2" OPENINGS



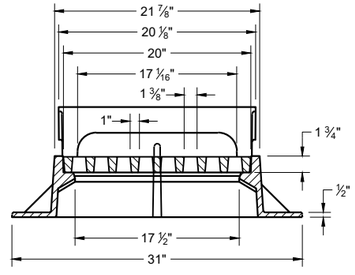
SPECIAL GRATE FOR TYPE "A" COVER

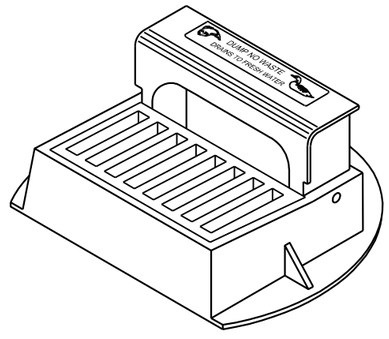
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)



TYPE "Z"





INLET COVERS
TYPES A, H, A-S, H-S AND Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023
DATE

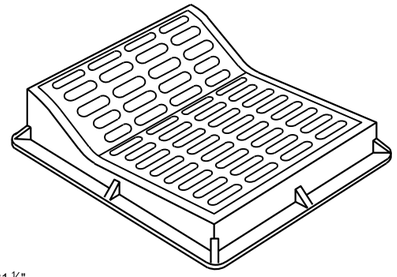
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

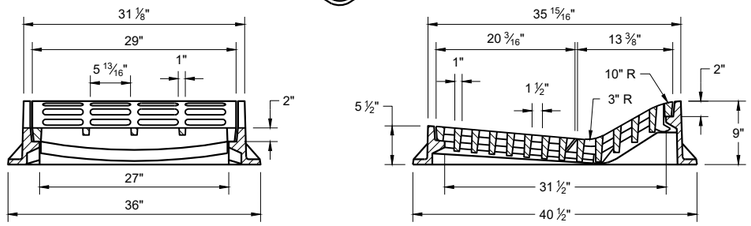
FHWA

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

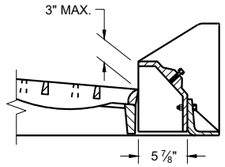
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.





TYPE "F"

USE WITH TYPES "A" AND "D" CONCRETE CURB AND GUTTER, 36"

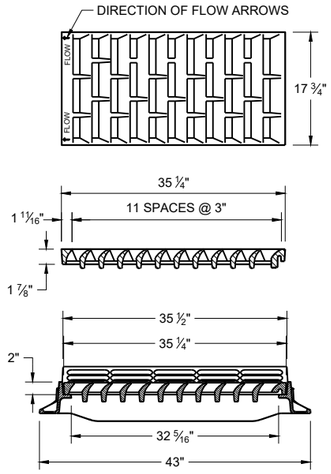


ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

USE WITH TYPES "G" AND "J" CONCRETE CURB AND GUTTER, 30 INCH
NOTED AS TYP "HM-GJ" ON DRAINAGE TABLE

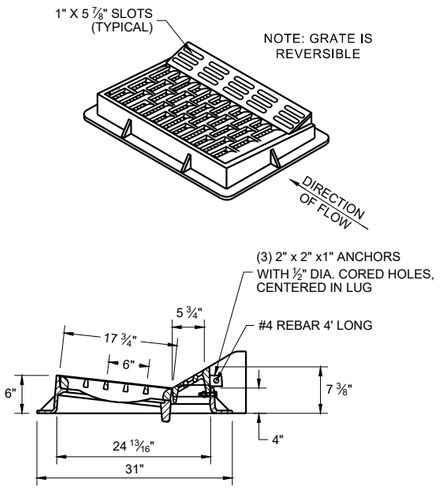
NOTE:
SPECIAL GRATE FOR THE TYPE "H" COVER MAY ALSO BE USED FOR THE TYPE "HM-GJ" COVER.

NOTED AS TYPE HM-GJ-S ON THE DRAINAGE TABLE.



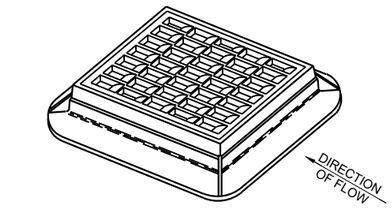
TYPE "HM"

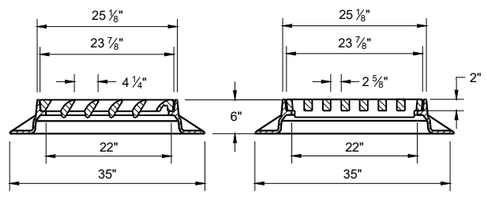
USE WITH TYPES "A" AND "D" CONCRETE CURB AND GUTTER, 36"



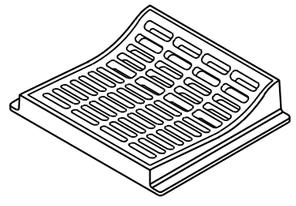
NOTE:
SPECIAL GRATE FOR THE TYPE "H" COVER MAY ALSO BE USED FOR THE TYPE "HM-GJ" COVER.

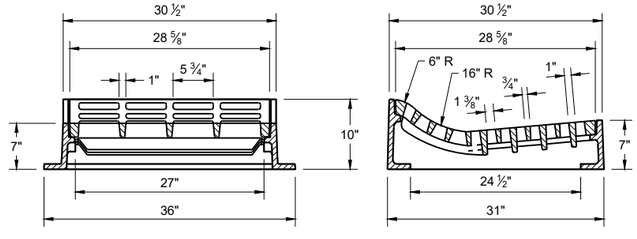
NOTED AS TYPE HM-GJ-S ON THE DRAINAGE TABLE.





TYPE "S"





TYPE "T"

USE WITH TYPES "R" AND "T" CONCRETE CURB AND GUTTER, 36"

INLET COVERS
TYPES F, HM, HM-S, S, T, HM-GJ AND HM-GJ-S

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

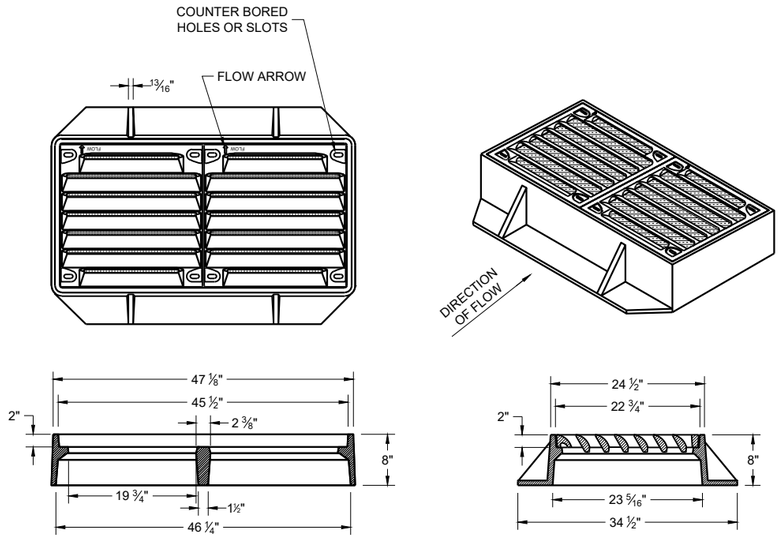
FHWA

6
SDD 08A05-21c

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

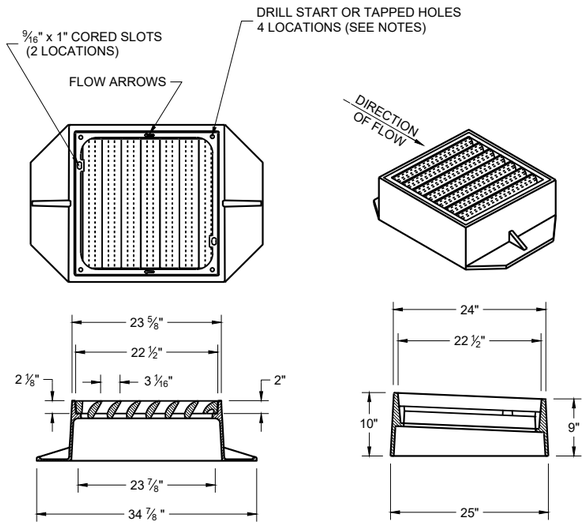
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.



TYPE "VV-B"

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER
ALL DRILLING AND TAPPING GRATES AND FRAMES BY CASTING MANUFACTURER

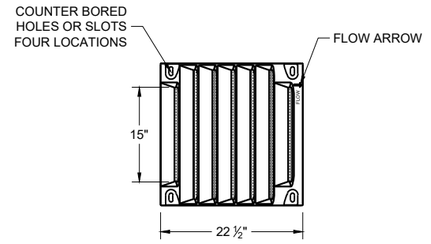
TYPE V
FRAME - CAST GRAY IRON ASTM A48 CLASS 35B
⅜" DIA. X 1/16" DRILL START IN 8 LOCATIONS
GRATE - CAST GRAY IRON ASTM A-48, CLASS 35B



TYPE "V"

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER ALL DRILLING AND TAPPING GRATES AND FRAMES BY CASTING MANUFACTURER

TYPE V
FRAME - CAST GRAY IRON ASTM A48 CLASS 40A
⅜" DIA. X 1/16" DRILL START IN 4 LOCATIONS
GRATE - CAST GRAY IRON ASTM A-48, CLASS 35B



BOLT DOWN GRATE FOR TYPE "V" AND "VV-B" COVER

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER NOTED AS TYPE "V-B" OR "VV-B" (FOR DOUBLE GRATE) ON DRAINAGE TABLE

TAP ½" -13 HOLES IN FOUR LOCATIONS PER GRATE IN FRAME TO BOLT GRATE(S).
FRAME - CAST GRAY IRON ASTM A48 CLASS 40A

GRATE - CAST DUCTILE IRON ASTM A536, 55+KSI YIELD
BOLTS - ½" -13 STAINLESS STEEL BOLTS WITH WASHERS
TORQUE BOLTS TO MANUFACTURER SPECIFICATION DO NOT OVERTIGHTEN.

INLET COVERS
TYPES V, V-B, AND VV-B

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6

SDD 08A05-21d

GENERAL NOTES

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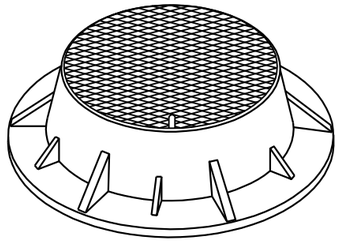
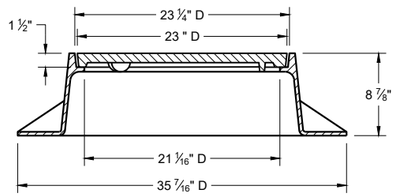
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

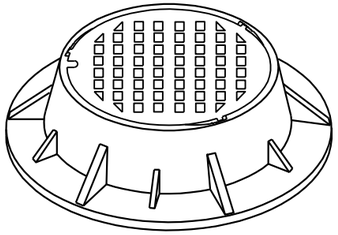
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

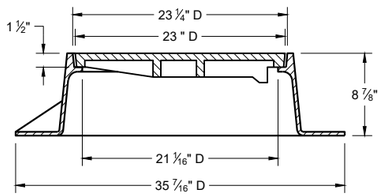




TYPE "J"

NOTE: EITHER CASTING IS ACCEPTABLE

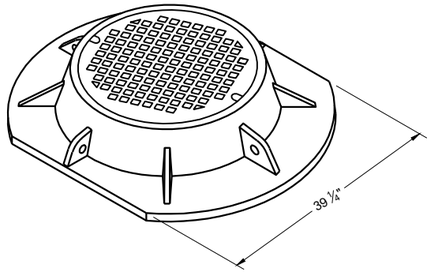


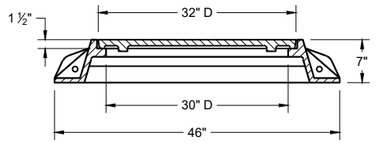


TYPE "J" SPECIAL

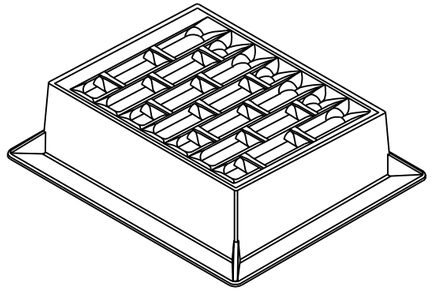
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)

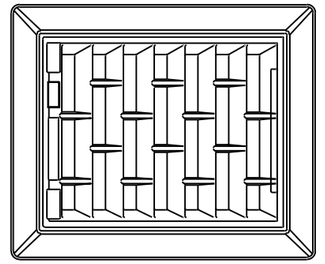
NOTE: EITHER CASTING IS ACCEPTABLE

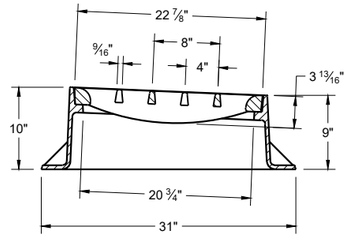


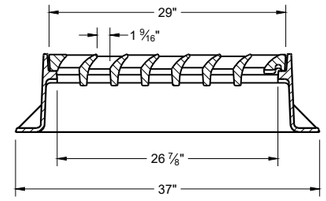


TYPE "K"

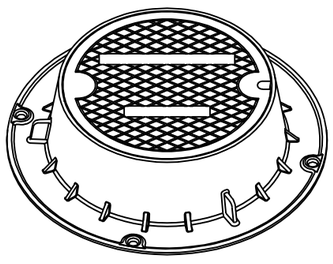


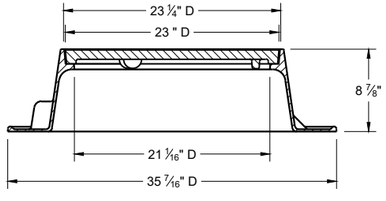






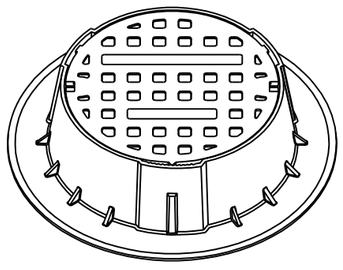
INLET COVER TYPE "BW"

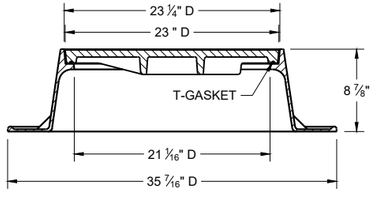




TYPE "J"

NOTE: EITHER CASTING IS ACCEPTABLE

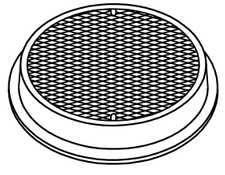


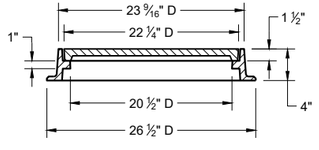


TYPE "J" SPECIAL

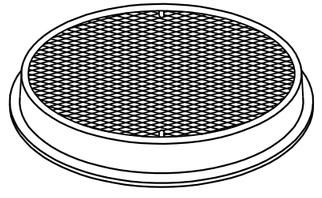
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)

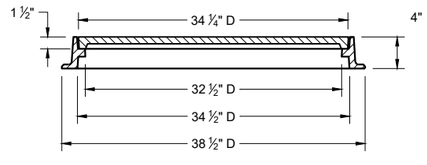
NOTE: EITHER CASTING IS ACCEPTABLE





TYPE "L"





TYPE "M"

INLET COVERS TYPES BW
MANHOLE COVERS TYPES K, J, J-S, L, AND M

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

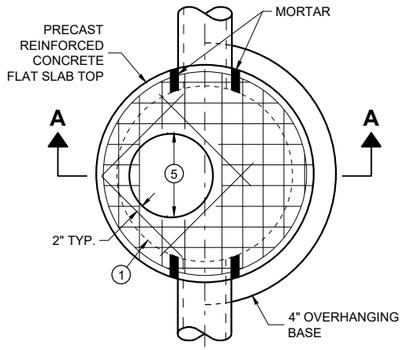
December 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

FHWA

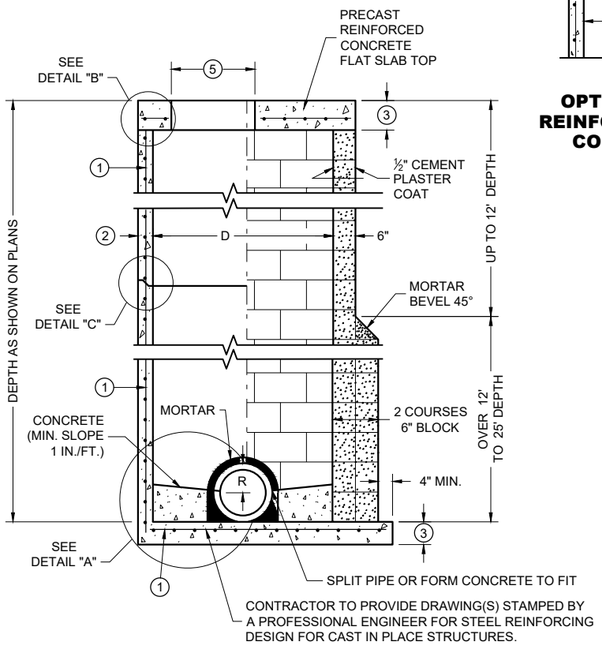
6

SDD 08A05-21e



PLAN VIEW

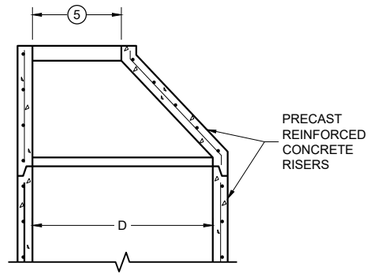
CIRCULAR OPENING



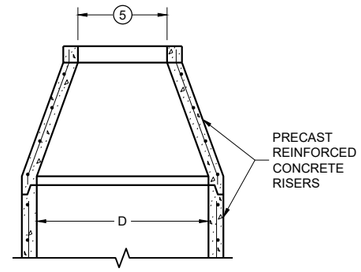
SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

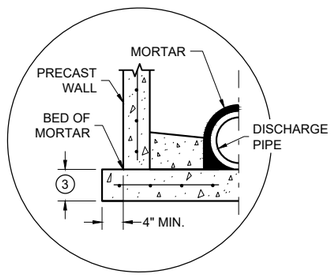
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)



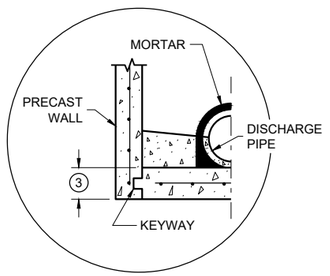
OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP



OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

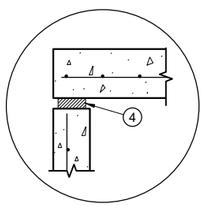


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

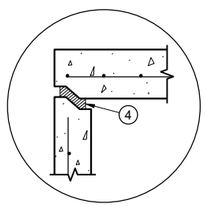


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

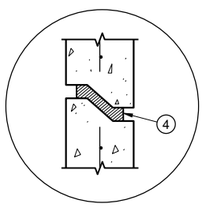
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B" **DETAIL "C"**

MANHOLE COVER OPENING MATRIX

OPENING SIZE (FT.) (5) \ MANHOLE COVER TYPE	C	ALL J'S	K	L	M
2 DIA.	X	X		X	
3 DIA.			X		X

PIPE MATRIX

MANHOLE SIZE (DIA.)	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES		MINIMUM WALL THICKNESS (IN)	MINIMUM PRECAST FLAT SLAB TOP AND BASE THICKNESS
	180° SEPARATION (IN)	90° SEPARATION (IN)		
3-FT	15	12	4	6
4-FT	24	18	4	6
5-FT	36	24	5	8
6-FT	42	36	6	8
7-FT	48	36/42 *	7	8
8-FT	60	42	8	8
9-FT	66	54	9	10
10-FT	72	60	10	10

*A 36" PIPE AND A 42" PIPE CAN BE PLACED WITHIN 90 DEGREES. SEE MINIMUM HORIZONTAL PIPE SEPARATION DETAIL.

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST MANHOLE UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES. CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL IMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

CONCRETE BLOCK WILL NOT BE PERMITTED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

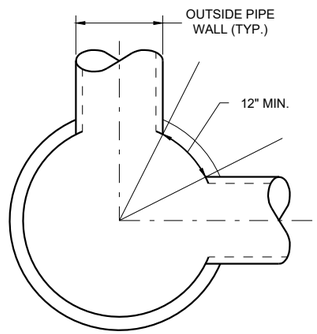
(1) FOR PRECAST MANHOLES AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(2) SEE PIPE MATRIX TABLE FOR MINIMUM WALL THICKNESS FOR PRECAST MANHOLES

(3) SEE PIPE MATRIX TABLE FOR MINIMUM THICKNESS OF PRECAST FLAT SLAB TOPS AND BASES.

(4) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 OR RUBBER GASKETS CONFORMING TO ASTM C443.

(5) SEE MANHOLE COVER OPENING MATRIX.



MINIMUM HORIZONTAL PIPE SEPARATION

DETAIL "D"

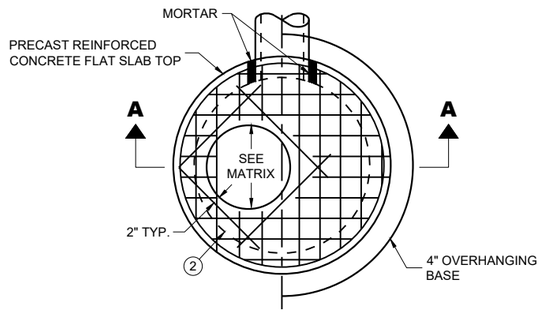
MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

MANHOLES, 3-FT, 4-FT 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

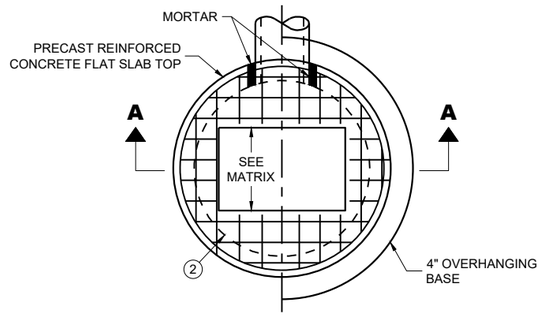
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

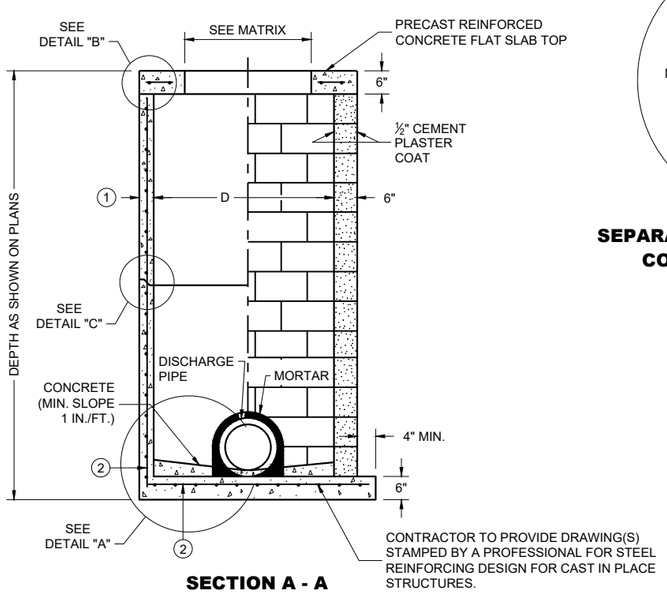
FHWA



PLAN VIEW CIRCULAR OPENING



PLAN VIEW RECTANGULAR OPENING



SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (2)

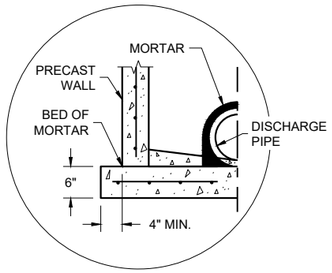
CIRCULAR INLETS WITH FLAT TOP

CATCH BASIN COVER OPENING MATRIX

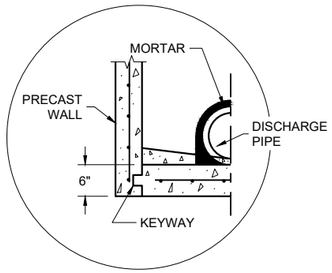
INLET SIZE	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V	WM	Z
	OPENING SIZE (FT.)											
3-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
4-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
	2 X 2.5			X				X	X	X	X	
	2 X 3						X					
	2.5 X 3					X						

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18

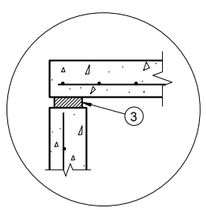


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

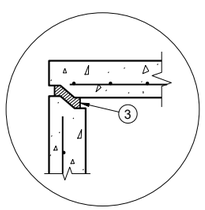


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

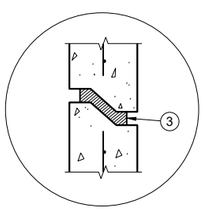
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B" **DETAIL "C"**

INLETS 3-FT AND 4-FT DIAMETER

GENERAL NOTES

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ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

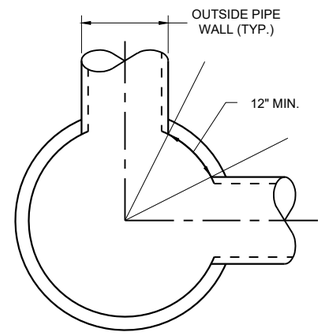
4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

(1) MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT DIAMETER AND 5 INCHES FOR 4-FT DIAMTER PRECAST INLETS.

(2) FOR PRECAST INLETS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(3) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 OR RUBBER GASKETS CONFORMING TO ASTM C443.



MINIMUM HORIZONTAL PIPE SEPARATION

DETAIL "D"

INLETS 3-FT AND 4-FT DIAMETER

STATE OF WISCONSIN
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/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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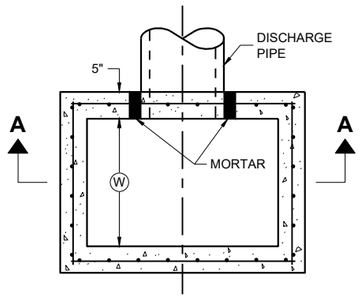
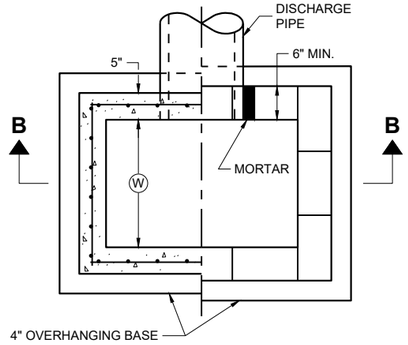
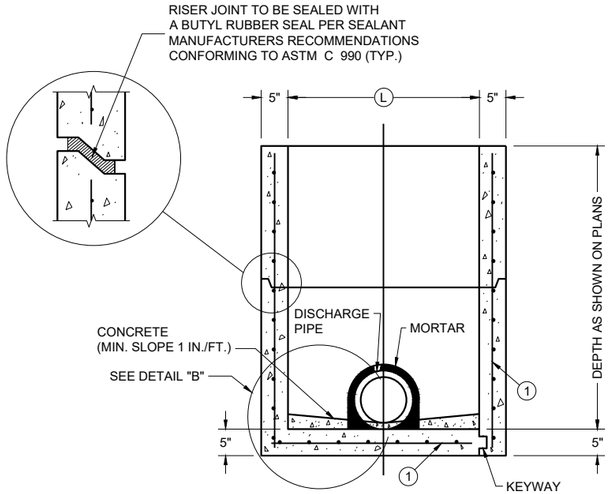


PLAN VIEW



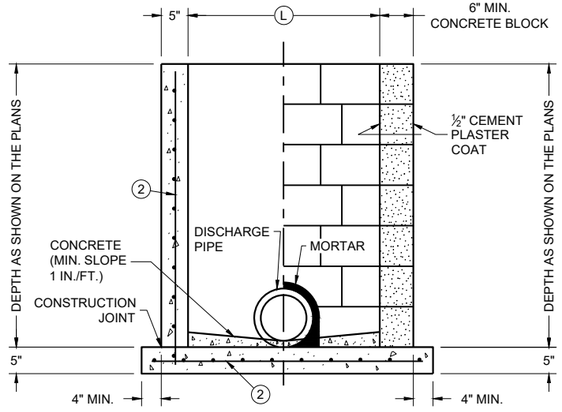
PLAN VIEW



PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE

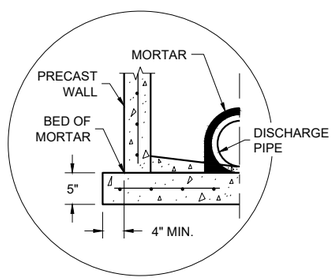
SECTION A - A



CAST IN PLACE REINFORCED CONCRETE

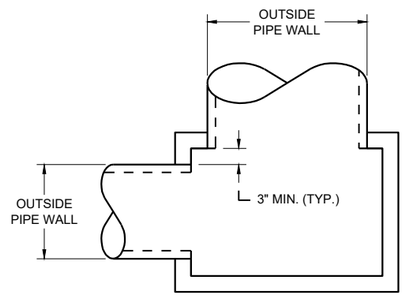
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)

SECTION B - B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "B"



DETAIL "A"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP N0T SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

(1) FOR PRECAST INLETS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913
(2) CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

CATCH BASIN COVER MATRIX

INLET SIZE	WIDTH (W) (FT.)	LENGTH (L) (FT.)	INLET COVER TYPE									
			ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM	V V-B
2 X 2-FT	2	2	X	X				X				
2 X 2.5-FT	2	2.5			X			X	X	X	X	
2 X 3-FT	2	3					X					
2.5 X 3-FT	2.5	3				X						
2 X 3.5-FT	2	3.5										X

PIPE MATRIX

CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	WIDTH (IN)	LENGTH (IN)
2 X 2-FT	12	12
2 X 2.5-FT	12	18
2 X 3-FT	12	24
2.5 X 3-FT	18	24
2 X 3.5-FT	12	30

INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2X3.5-FT

INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2 X 3.5-FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
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DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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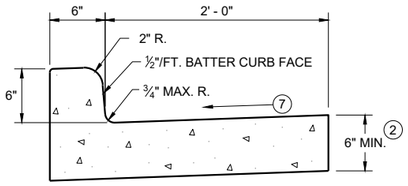
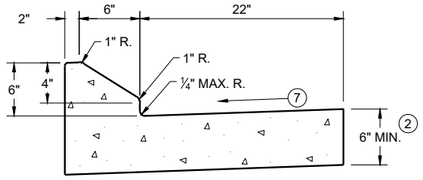
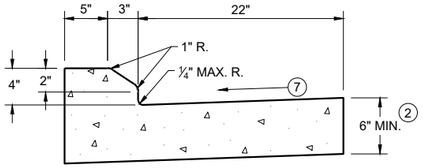
SDD 08C07-03



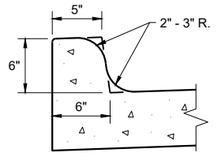
TYPES A (1) & D



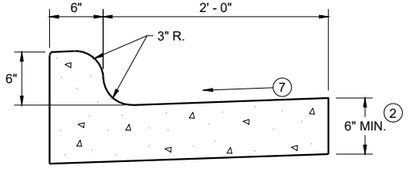
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

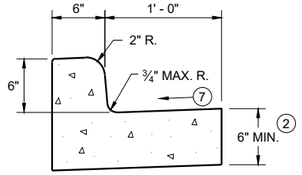


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



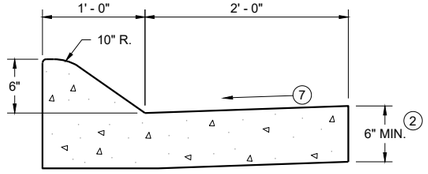
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

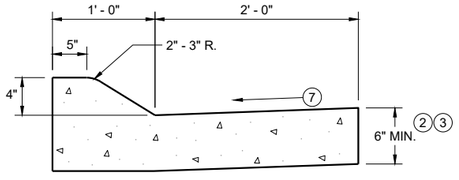


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

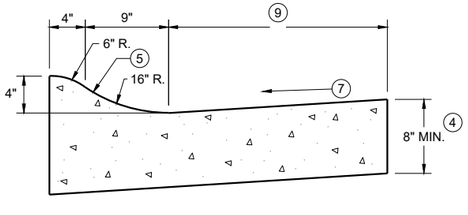


6" SLOPED CURB TYPES A (1) & D



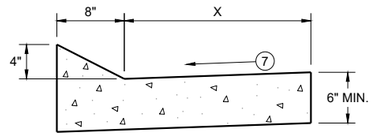
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T

TBT & TBTT	X
30"	22"
36"	28"

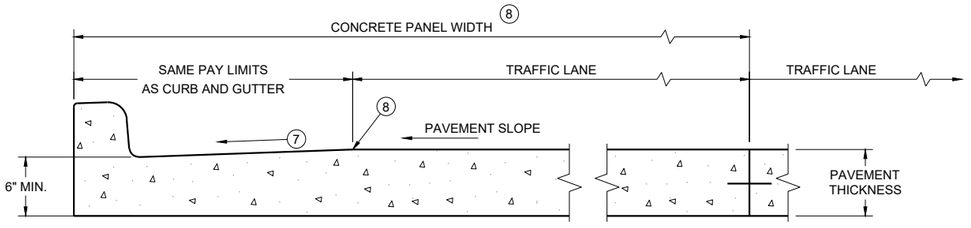


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

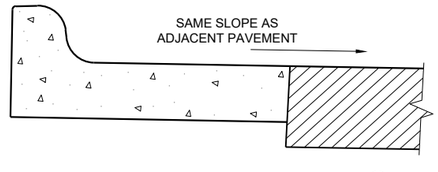
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB AND GUTTER *

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

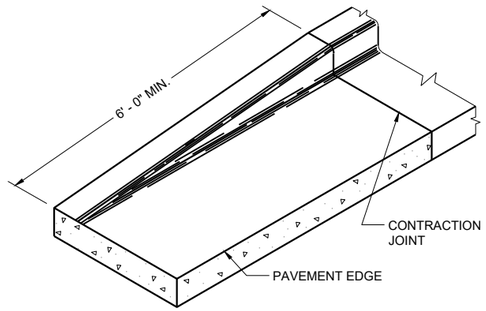
(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

(9) CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE "R" AND "T" = 17 INCHES
CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE "R" AND "T" = 23 INCHES

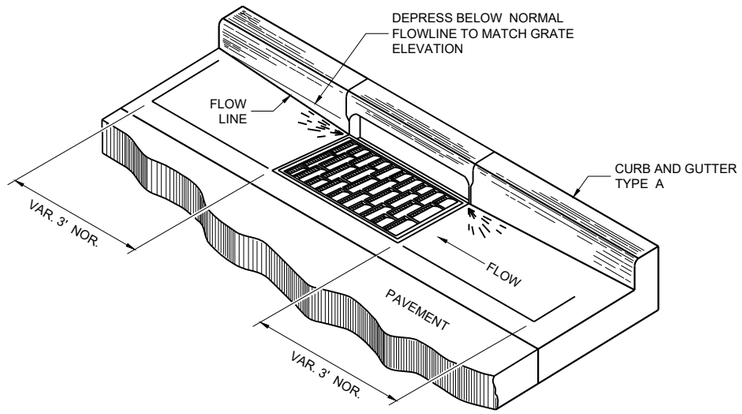
CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D01-23a



END SECTION CURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

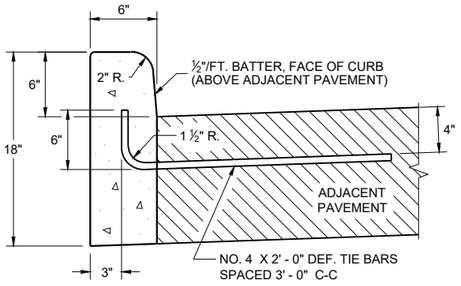
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

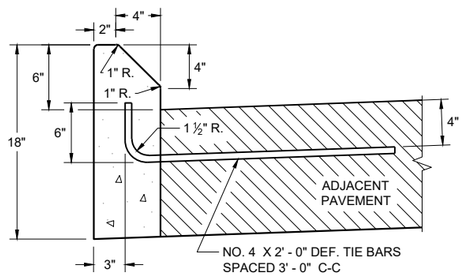
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(10) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

(11) PLACE 1" THICK EXPANSION JOINT MATERIAL BETWEEN VERTICAL FACE CURB TYPES EXTENDING FROM THE TOP OF CURB TO 1 INCH BELOW THE ADJOINING CONCRETE SURFACE. RIGID CONCRETE STRUCTURES INCLUDE RAISED CONCRETE MEDIANS, CONCRETE SAFETY ISLANDS, SPLITTER ISLANDS, OR LOCATIONS IDENTIFIED ON THE PLANS.

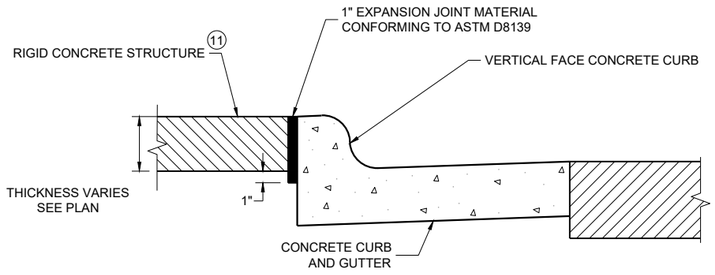


TYPES A (1) & D

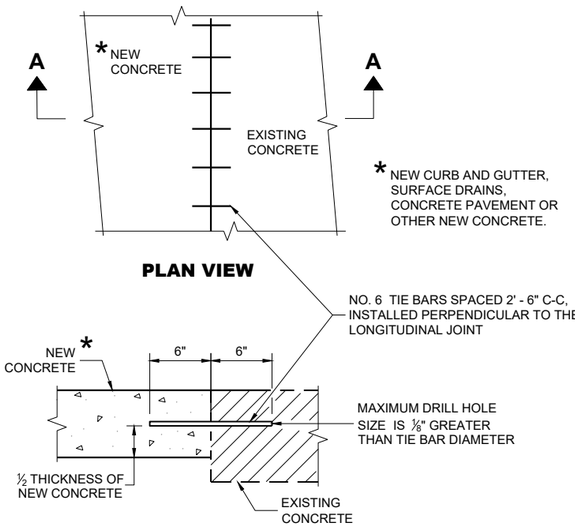


TYPES G (1) & J

CONCRETE CURB



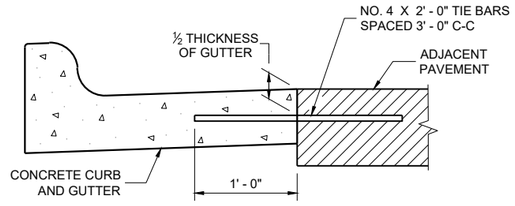
EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)



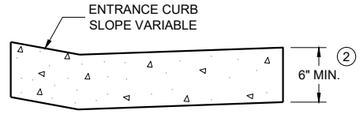
PLAN VIEW

SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (10)

(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6
SDD 08D01-23b

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ALL STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

(1) USE A JOINT SEALANT CONFORMING TO STANDARD SPECIFICATION 415.2.6.

(2) NO. 4 X 2' - 0" TIE BARS SPACED AT 12" C-C TO BE PLACED BY BRIDGE CONTRACTOR OR DRILLED TIE BARS PLACED AS DIRECTED BY THE ENGINEER.

(3) PAVED CONCRETE SHOULDER (SDD 13A03) OR CONCRETE DRAINAGE SLAB.

(4) CONCRETE PAVEMENT APPROACH SLAB (SHOWN) OR STRUCTURE APPROACH SLAB AND CONCRETE PAVEMENT APPROACH SLAB. SEE SDD 13B02.

(5) PAVED CONCRETE SHOULDER (SDD 13A03) OR ASPHALT SHOULDER.

(6) CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE TBT OR TBTT. USE TYPE TBTT CURB WITH NO. 4 X 2' -0" TIE BARS SPACED AT 3' - 0" C-C ONLY WHEN ADJACENT TO CONCRETE PAVEMENTS.

(7) PLACE FLUME BEFORE MSG THRIE BEAM TRANSITION POST 1 (SEE SDD 14B45)

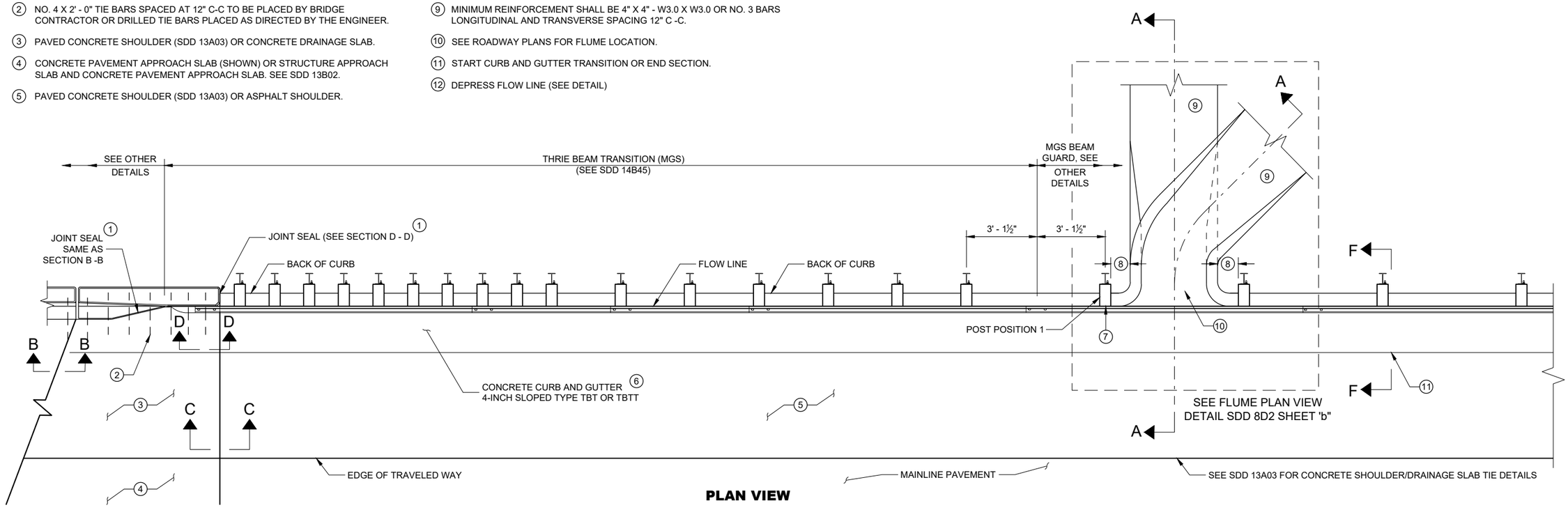
(8) CENTER FLUME BETWEEN POSTS. 6-INCH MINIMUM SEPARATION FROM OUTSIDE EDGE OF FLUME TO POSTS.

(9) MINIMUM REINFORCEMENT SHALL BE 4" X 4" - W3.0 X W3.0 OR NO. 3 BARS LONGITUDINAL AND TRANSVERSE SPACING 12" C -C.

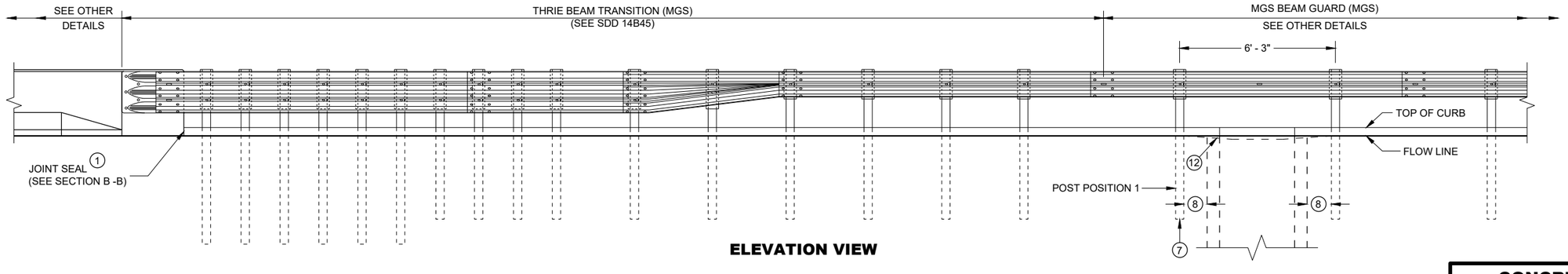
(10) SEE ROADWAY PLANS FOR FLUME LOCATION.

(11) START CURB AND GUTTER TRANSITION OR END SECTION.

(12) DEPRESS FLOW LINE (SEE DETAIL)



PLAN VIEW



ELEVATION VIEW

CONCRETE SURFACE DRAINS FLUME TYPE AT STRUCTURES

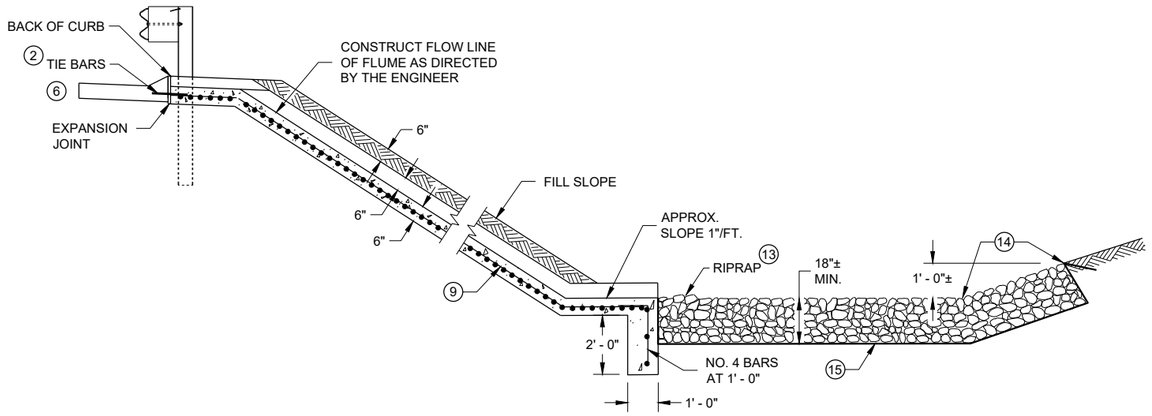
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

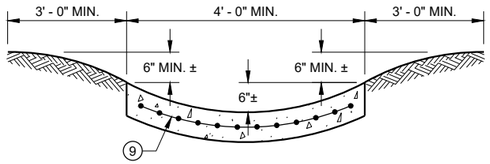
SDD 08D02 - 08a

6

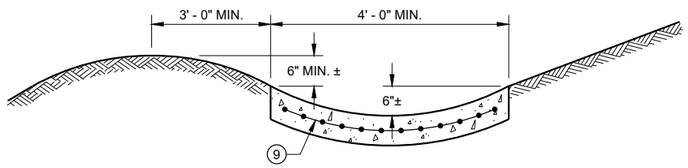
SDD 08D02 - 08a



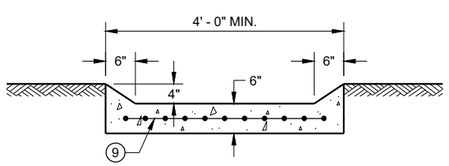
SECTION A - A



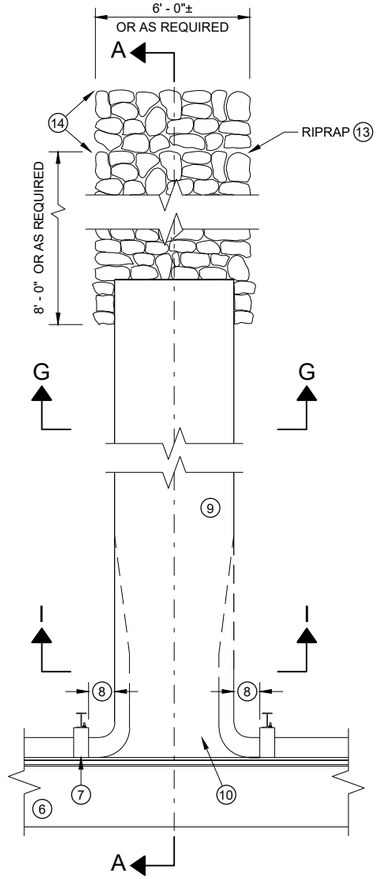
SECTION G - G



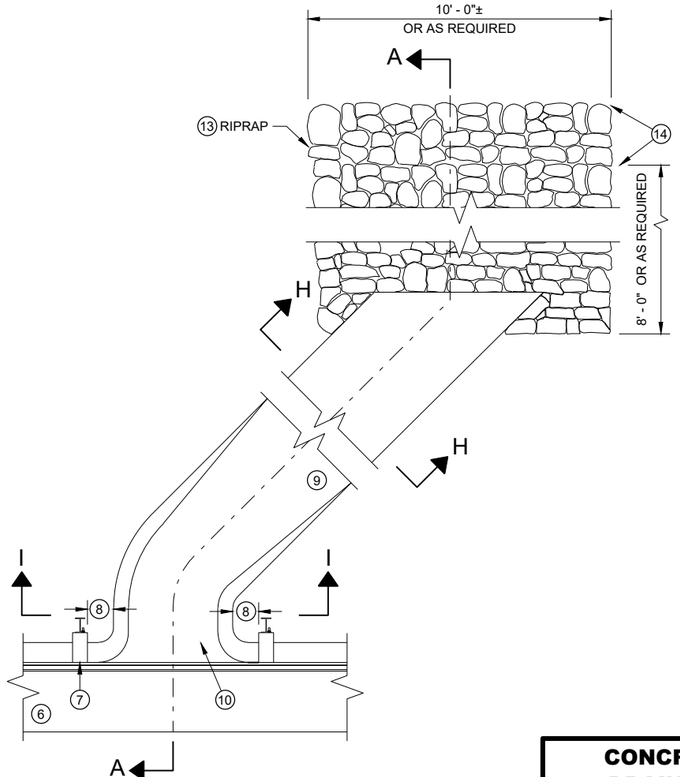
SECTION H - H



SECTION I - I



PLAN VIEW PERPENDICULAR FLUME



PLAN VIEW SKEWED FLUME

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ALL STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

(1) USE A JOINT SEALANT CONFORMING TO STANDARD SPECIFICATION 415.2.6.

(2) NO. 4 X 2' - 0" TIE BARS SPACED AT 12" C-C TO BE PLACED BY BRIDGE CONTRACTOR OR DRILLED TIE BARS PLACED AS DIRECTED BY THE ENGINEER.

(3) PAVED CONCRETE SHOULDER (SDD 13A03) OR CONCRETE DRAINAGE SLAB.

(4) CONCRETE PAVEMENT APPROACH SLAB (SHOWN) OR STRUCTURE APPROACH SLAB AND CONCRETE PAVEMENT APPROACH SLAB. SEE SDD 13B02 AND STRUCTURE PLANS.

(5) PAVED CONCRETE SHOULDER (SDD 13A03) OR ASPHALT SHOULDER.

(6) CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE TBT OR TBTT. USE TYPE TBTT CURB WITH NO. 4 X 2' -0" TIE BARS SPACED AT 3' - 0" C-C ONLY WHEN ADJACENT TO CONCRETE PAVEMENTS.

(7) PLACE FLUME BEFORE MSG THRIE BEAM TRANSITION POST 1 (SEE SDD 14B45)

(8) CENTER FLUME BETWEEN POSTS. 6-INCH MINIMUM SEPARATION FROM OUTSIDE EDGE OF FLUME TO POSTS.

(9) MINIMUM REINFORCEMENT SHALL BE 4" X 4" - W3.0 X W3.0 OR NO. 3 BARS LONGITUDINAL AND TRANSVERSE SPACING 12" C -C.

(10) SEE ROADWAY PLANS FOR FLUME LOCATION.

(11) START CURB AND GUTTER TRANSITION OR END SECTION.

(12) DEPRESS FLOW LINE (SEE DETAIL)

(13) MEDIUM RIPRAP UNLESS OTHERWISE SPECIFIED.

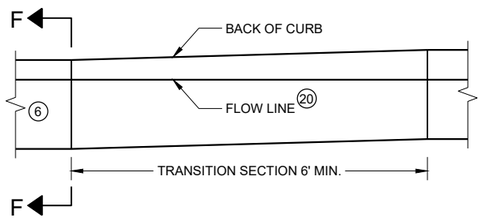
(14) LIMITS OF ADDITIONAL RIPRAP WHEN SPECIAL DITCH AS REQUIRED.

(15) GEOTEXTILE TYPE HR.

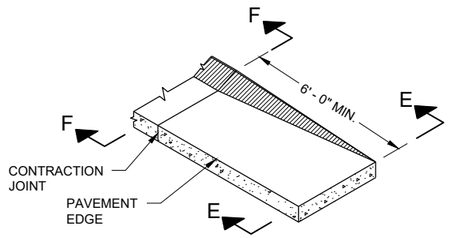
6

SDD 08D02 - 08b

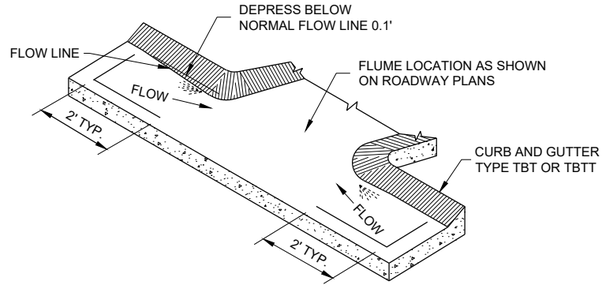
CONCRETE SURFACE DRAINS FLUME TYPE AT STRUCTURES



CURB AND GUTTER TRANSITION SECTION
CONCRETE CURB AND GUTTER 4-INCH SLOPED
36 INCH TYPE TBT OR TBTT



CURB AND GUTTER END SECTION
CONCRETE CURB AND GUTTER 4-INCH SLOPED
36 INCH TYPE TBT OR TBTT



CURB AND GUTTER FLOW LINE DEPRESSION
AT FLUMES CONCRETE CURB AND GUTTER
4-INCH SLOPED 36 INCH TYPE TBT OR TBTT

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ALL STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

(1) USE A JOINT SEALANT CONFORMING TO STANDARD SPECIFICATION 415.2.6.

(2) NO. 4 X 2' - 0" TIE BARS SPACED AT 12" C-C TO BE PLACED BY BRIDGE CONTRACTOR OR DRILLED TIE BARS PLACED AS DIRECTED BY THE ENGINEER.

(3) PAVED CONCRETE SHOULDER (SDD 13A03) OR CONCRETE DRAINAGE SLAB.

(4) CONCRETE PAVEMENT APPROACH SLAB (SHOWN) OR STRUCTURE APPROACH SLAB AND CONCRETE PAVEMENT APPROACH SLAB. SEE SDD 13B02 AND STRUCTURE PLANS.

(5) PAVED CONCRETE SHOULDER (SDD 13A03) OR ASPHALT SHOULDER.

(6) CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE TBT OR TBTT. USE TYPE TBTT CURB WITH NO. 4 X 2' -0" TIE BARS SPACED AT 3' - 0" C-C ONLY WHEN ADJACENT TO CONCRETE PAVEMENTS.

(7) PLACE FLUME BEFORE MSG THRIE BEAM TRANSITION POST 1 (SEE SDD 14B45)

(8) CENTER FLUME BETWEEN POSTS. 6-INCH MINIMUM SEPARATION FROM OUTSIDE EDGE OF FLUME TO POSTS.

(9) MINIMUM REINFORCEMENT SHALL BE 4" X 4" - W3.0 X W3.0 OR NO. 3 BARS LONGITUDINAL AND TRANSVERSE SPACING 12" C -C.

(10) SEE ROADWAY PLANS FOR FLUME LOCATION.

(11) START CURB AND GUTTER TRANSITION OR END SECTION.

(12) DEPRESS FLOW LINE (SEE DETAIL)

(13) MEDIUM RIPRAP UNLESS OTHERWISE SPECIFIED.

(14) LIMITS OF ADDITIONAL RIPRAP WHEN SPECIAL DITCH IS REQUIRED.

(15) GEOTEXTILE TYPE HR.

(16) MINIMUM REINFORCEMENT SHALL BE 6" X 6" - W4.0 X W4.0 OR NO. 3 BARS LONGITUDINAL AND TRANSVERSE SPACING 12" C - C.

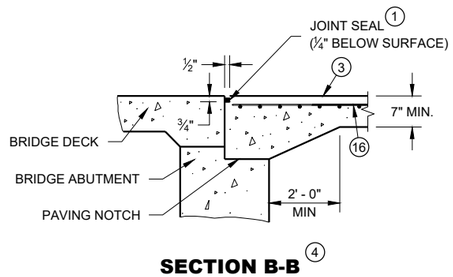
(17) MSG THRIE BEAM TRANSITION POST 1. SEE SDD 14B45 FOR ADDITIONAL CONSTRUCTION DETAILS AND ACCEPTABLE MATERIALS.

(18) MAINTAIN WIDTH, THICKNESS AND CROSS SLOPE OF ADJACENT TYPE TBT OR TBTT CURB. SEE NOTE 6 FOR TIE BAR SPACING.

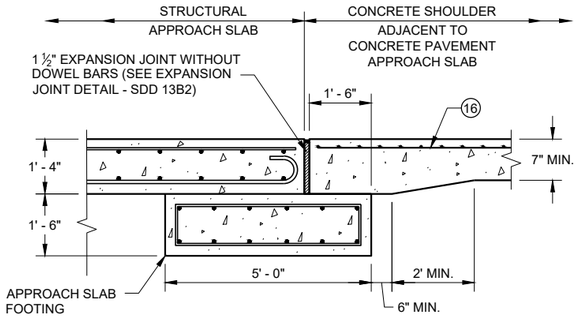
(19) ALIGN FACE OF POST BLOCK WITH FLOW LINE.

(20) MAINTAIN FLOW LINE AT EDGE OF PAVEMENT/FACE OF BEAM GUARD AS APPLICABLE.

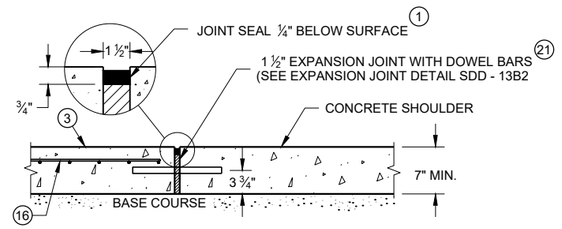
(21) DO NOT CONSTRUCT AN EXPANSION JOINT OR INSTALL DOWEL BARS WHEN ABUTTING HMA PAVEMENTS.



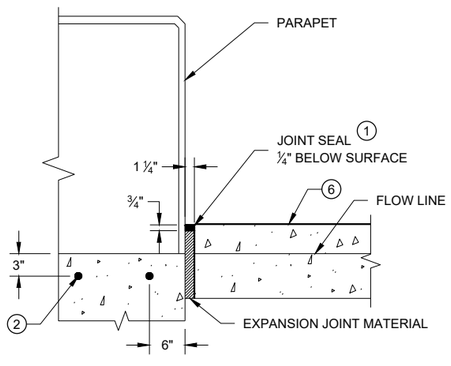
SECTION B-B



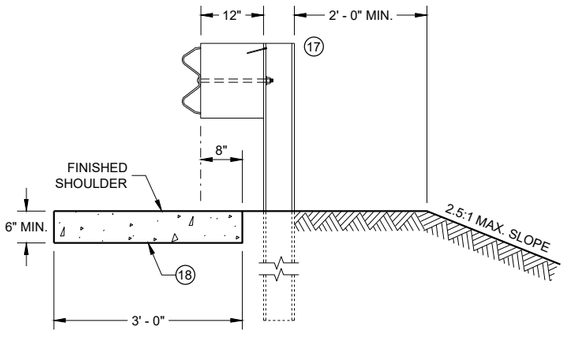
SECTION C - C
JOINT DETAIL FOR BRIDGE WITH STRUCTURAL APPROACH SLAB AND CONCRETE APPROACH SLAB



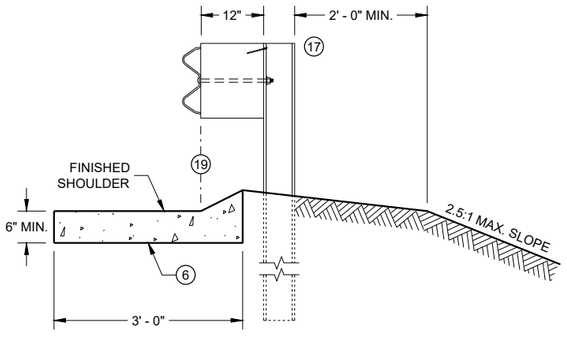
SECTION C - C
JOINT DETAIL FOR BRIDGE APPROACH WITH CONCRETE SHOULDERS



SECTION D - D



SECTION E - E



SECTION F - F

CONCRETE SURFACE DRAINS FLUME TYPE AT STRUCTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

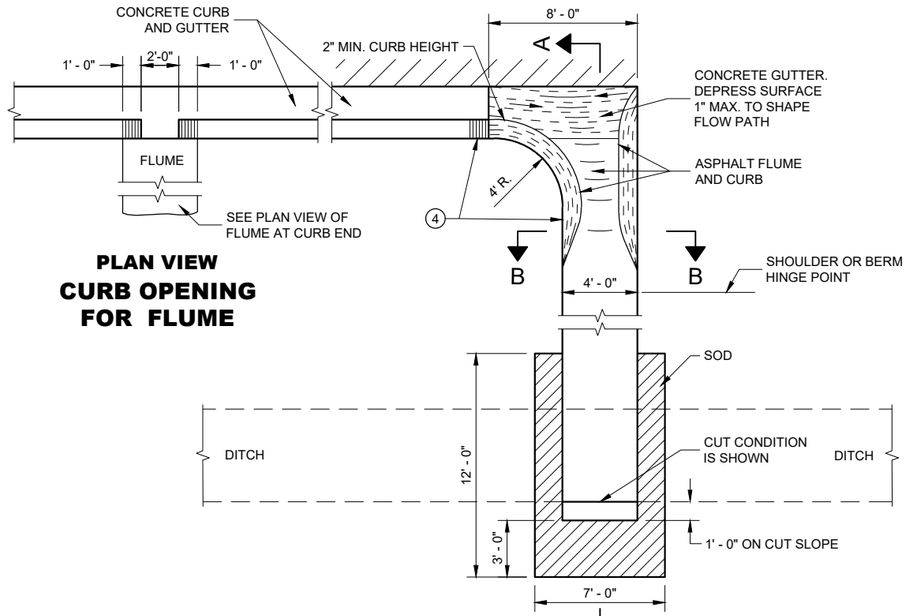
APPROVED
May 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

6
SDD 08D02 - 08c

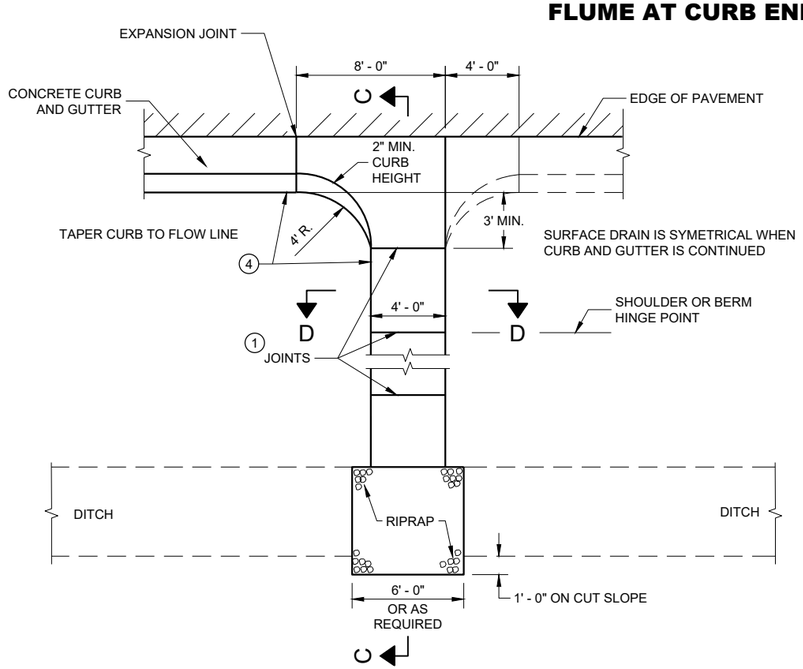
NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME



PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



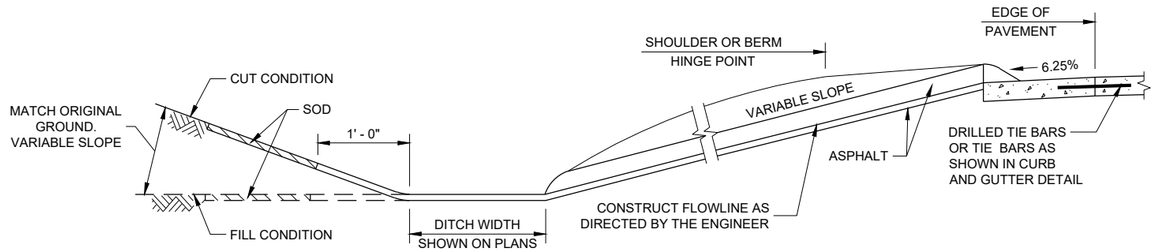
PLAN VIEW
CONCRETE SURFACE DRAIN

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

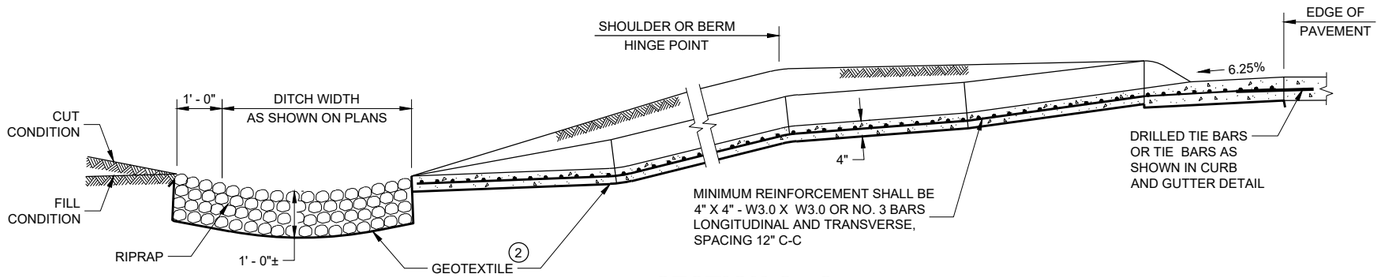
4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

1. JOINTS SHALL BE ⅛" TO ¼" WIDE BY 1½" DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
2. GEOTEXTILE TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
3. CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED.
4. ANGLE OF FLUME IN RELATION TO BACK OF CURB TO BE CONSTRUCTED PER THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER. ANGLE OF FLUME MAY BE OTHER THAN 90 DEGREES AS SHOWN.

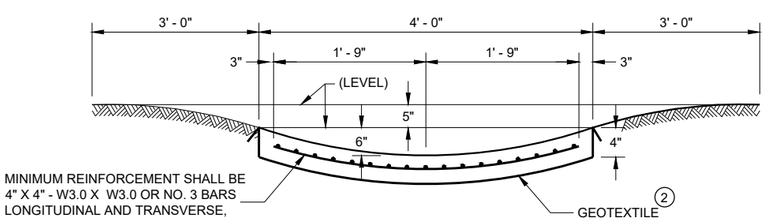


SECTION A - A

SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

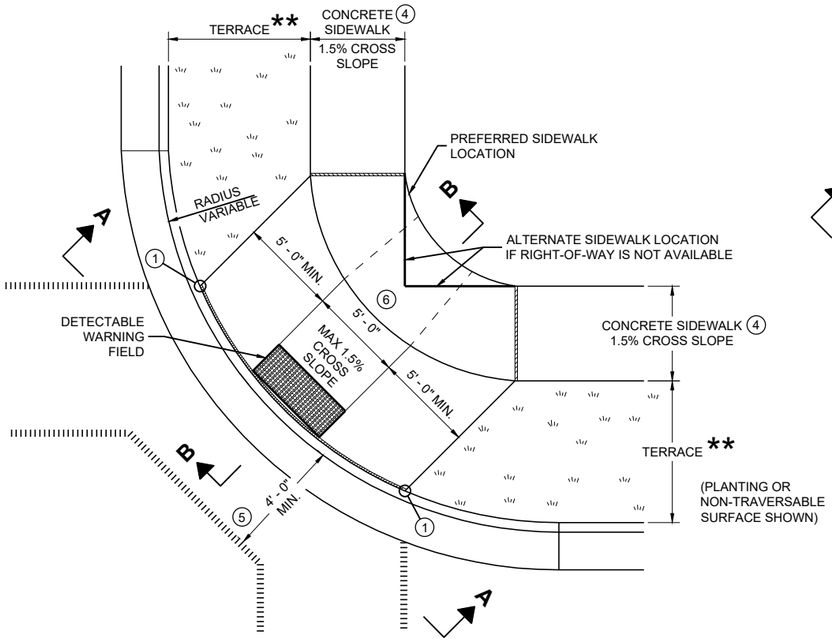
FHWA

6

SDD 08D04 - 07

6

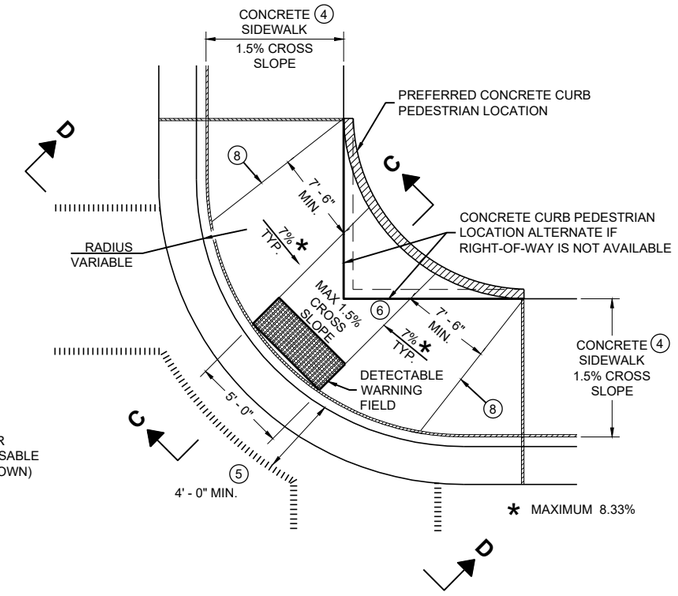
SDD 08D04 - 07



PLAN VIEW

CURB RAMP TYPE 1

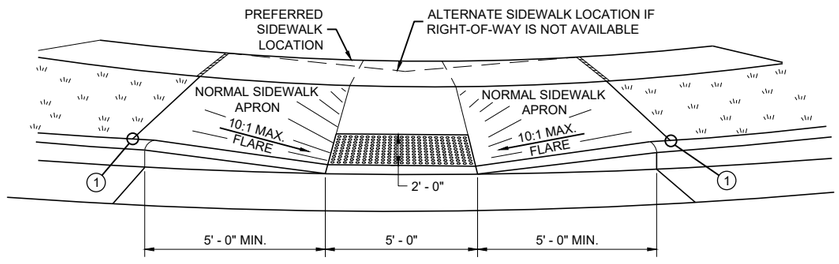
(CENTER OF CORNER RADIUS)



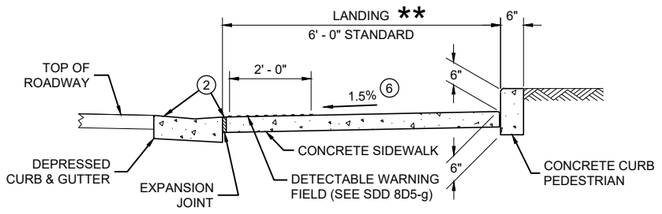
PLAN VIEW

CURB RAMP TYPE 1 - A

(NO TERRACE)

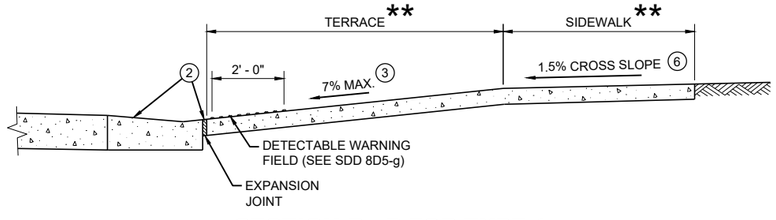


VIEW A - A FOR TYPE 1

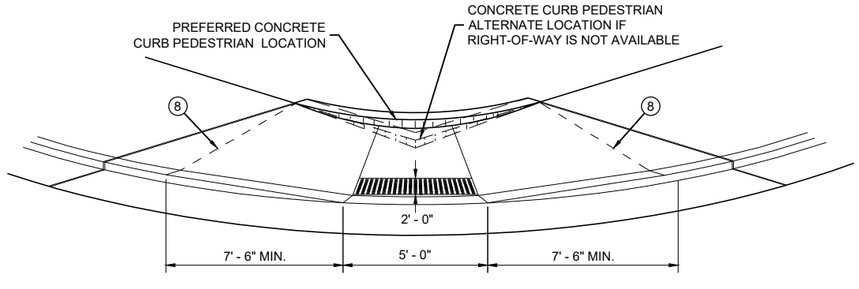


SECTION C - C FOR TYPE 1 - A

** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ½ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA. 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

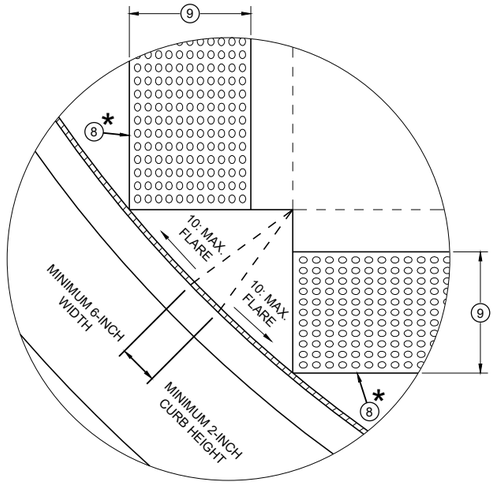
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

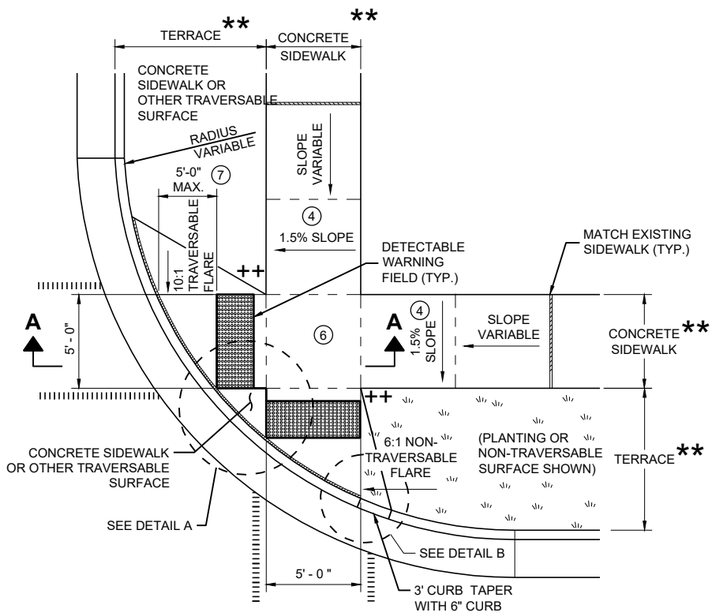
CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

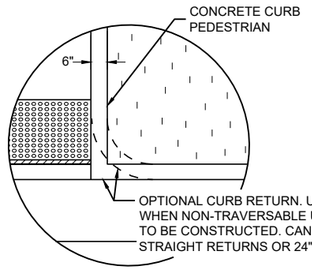
6
SDD 08D05-21a



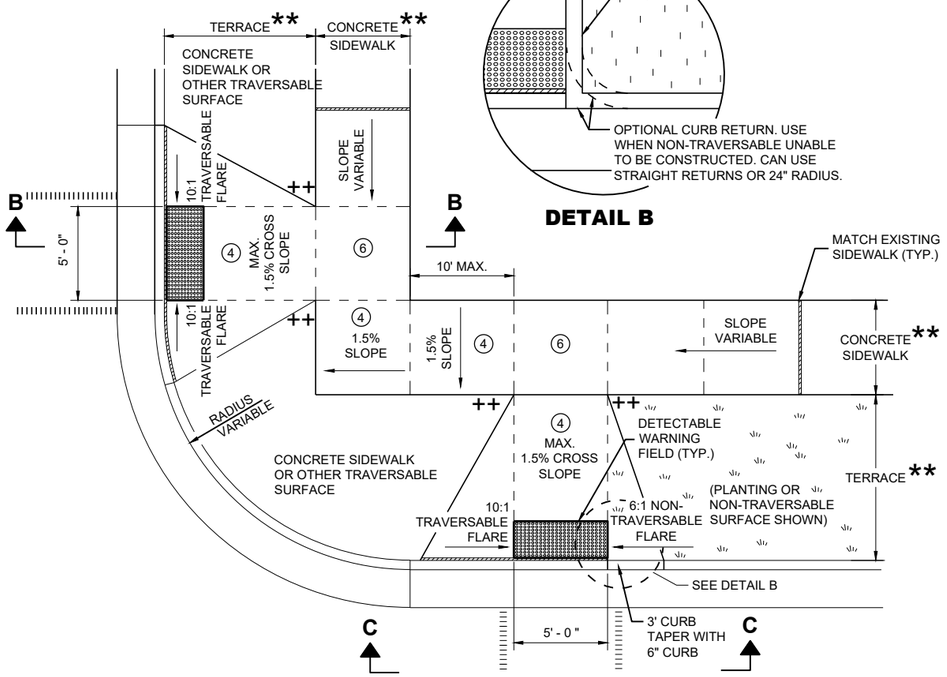
DETAIL A



PLAN VIEW
CURB RAMP TYPE 2
(CENTER OF CORNER RADIUS)



DETAIL B



PLAN VIEW
CURB RAMP TYPE 3
(OUTSIDE OF CROSSWALK AREA)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE (2.67% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE.

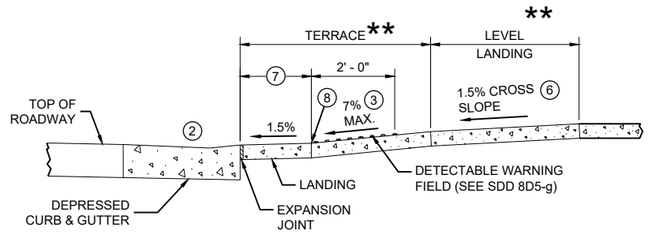
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET X 5 FEET.

(7) WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

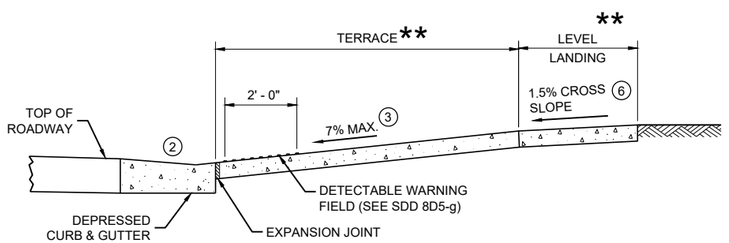


SECTION A - A FOR TYPE 2

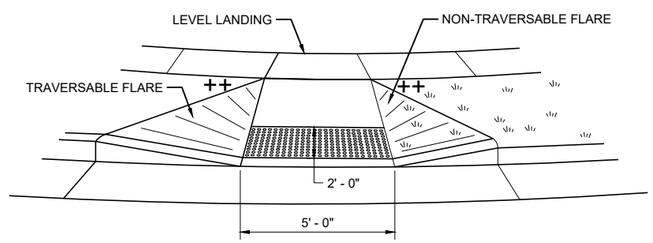
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



SECTION B - B FOR TYPE 3



VIEW C - C FOR TYPE 3

LEGEND

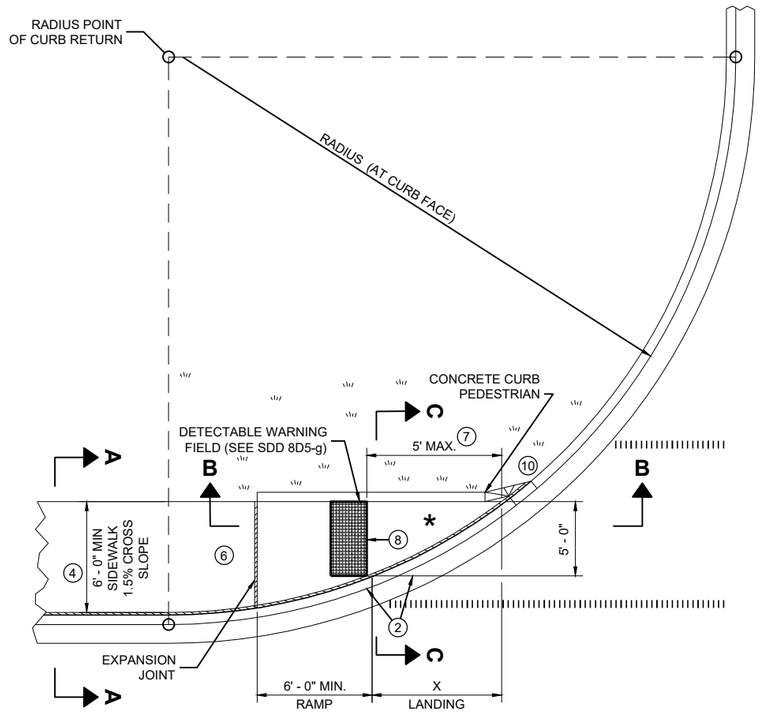
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

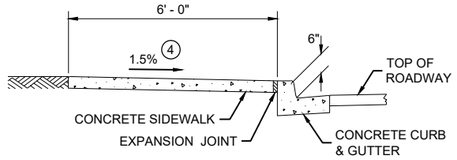


PLAN VIEW

CURB RAMP TYPE 4A

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A - A FOR TYPE 4A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

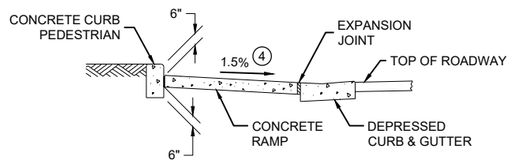
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

LEGEND

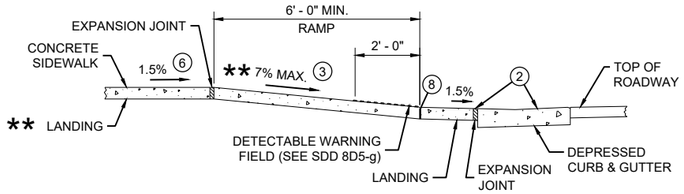
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)

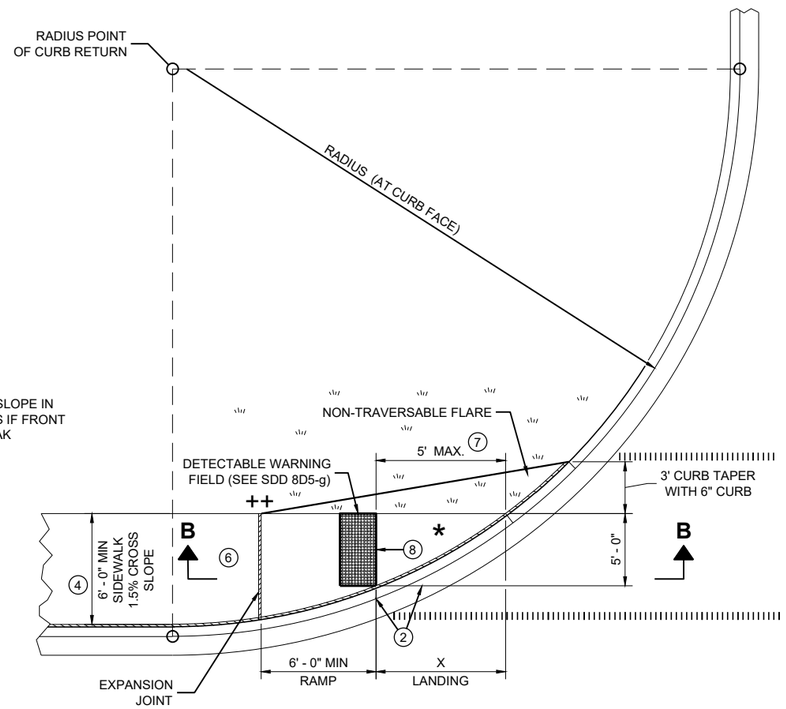


SECTION C - C FOR TYPE 4A



SECTION B - B FOR TYPE 4A AND TYPE 4A1

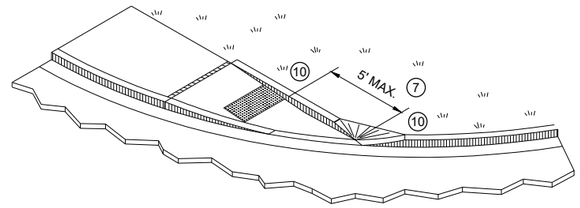
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED



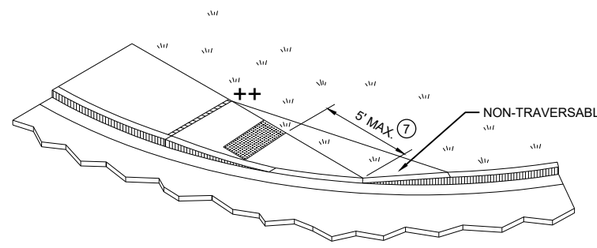
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

PLAN VIEW

CURB RAMP TYPE 4A1



ISOMETRIC VIEW FOR TYPE 4A

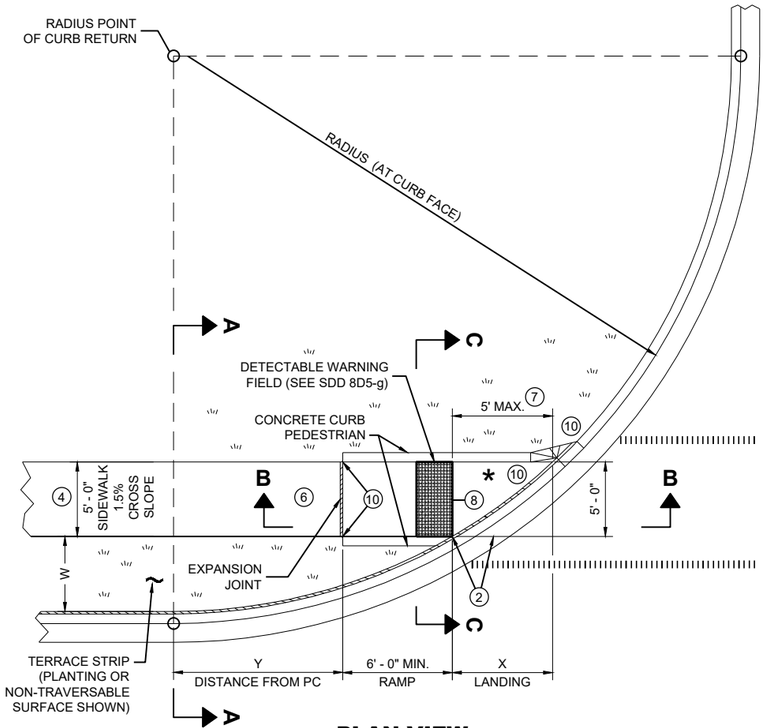


ISOMETRIC VIEW FOR TYPE 4A1

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

CURB RAMPS
TYPE 4A AND 4A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



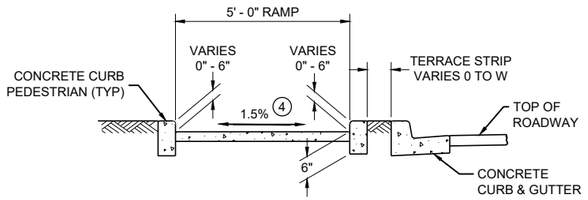
PLAN VIEW
CURB RAMP TYPE 4B

RADIUS (AT CURB FACE)	W = 3' - 0"		W = 4' - 0"		W = 5' - 0"		W = 6' - 0"		W = 7' - 0"		W = 8' - 0"		W = 9' - 0"		W = 10' - 0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2' - 10 1/4"	0' - 5"	2' - 1"	1' - 4 1/2"	1' - 5"	2' - 1"	0' - 10"	2' - 7 1/2"	0' - 3 1/4"	3' - 0 1/4"						
15 FEET	4' - 6 3/4"	2' - 1 3/4"	3' - 9"	3' - 5 3/4"	3' - 1 1/4"	4' - 6"	2' - 6 3/4"	5' - 4 1/2"	2' - 1"	6' - 1"	1' - 8"	6' - 8 1/2"	1' - 3 1/4"	7' - 2 1/2"	0' - 10 3/4"	7' - 7 1/4"
20 FEET			4' - 11 1/2"	5' - 1 3/4"	4' - 3 1/4"	6' - 5 1/2"	3' - 8 3/4"	7' - 7"	3' - 3"	8' - 6 1/2"	2' - 10"	9' - 4 1/2"	2' - 5 1/2"	10' - 1 1/4"	2' - 1 1/4"	10' - 9"
30 FEET									4' - 10 3/4"	12' - 5 3/4"	4' - 5 1/2"	13' - 7 3/4"	4' - 0 3/4"	14' - 8 1/2"	3' - 8 1/2"	15' - 8 1/4"
40 FEET															4' - 10 3/4"	19' - 8 1/4"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)



SECTION C - C FOR TYPE 4B

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

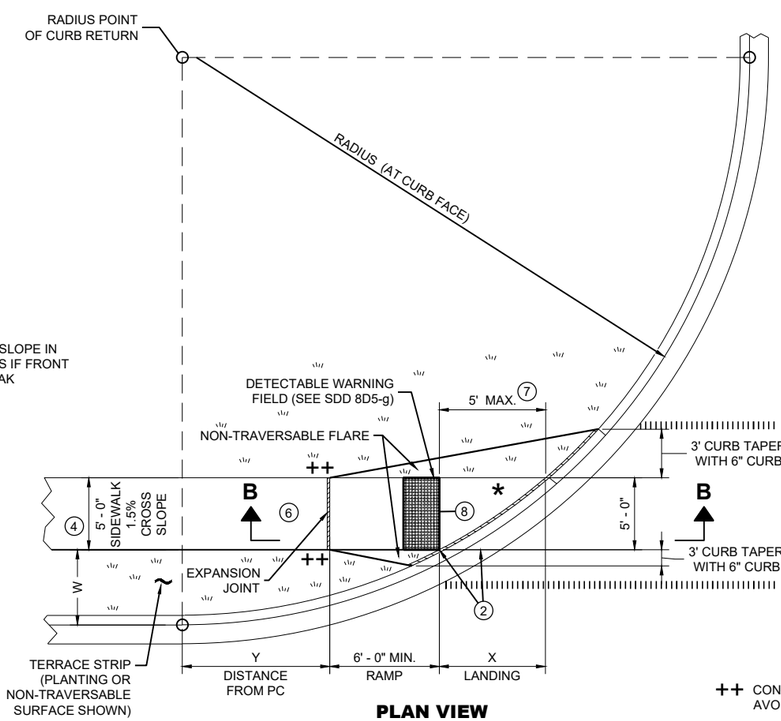
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

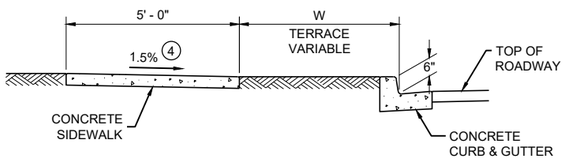
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

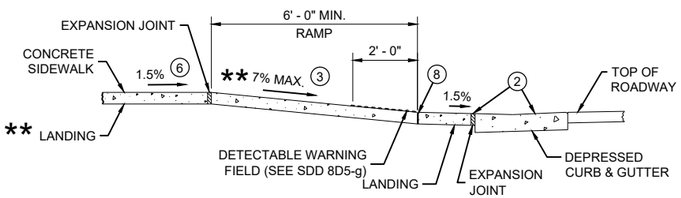
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



PLAN VIEW
CURB RAMP TYPE 4B1



SECTION A - A FOR TYPE 4B

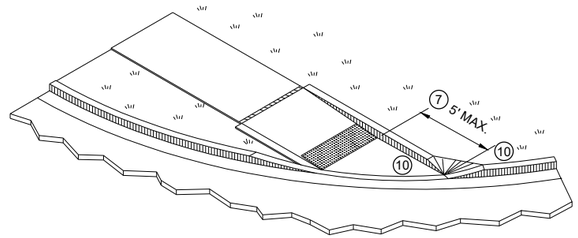


SECTION B - B FOR TYPE 4B AND TYPE 4B1

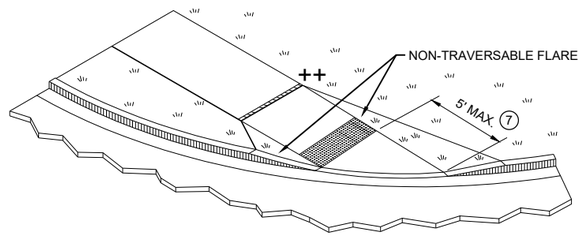
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



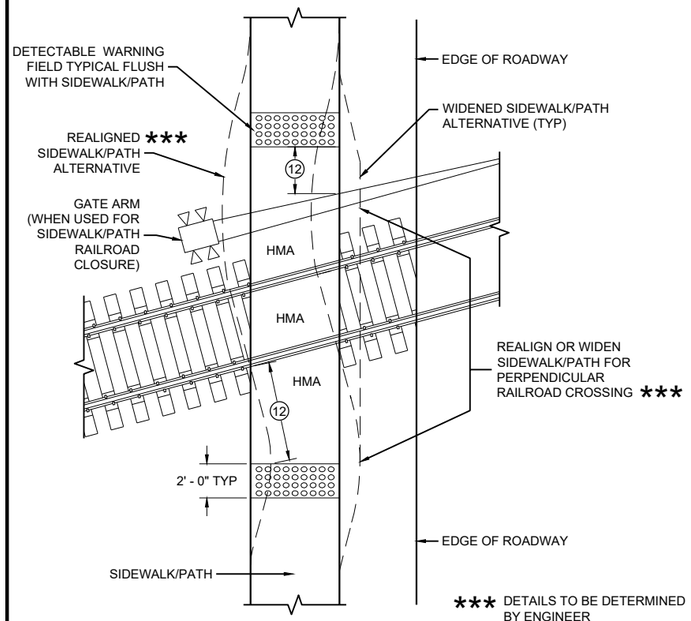
ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

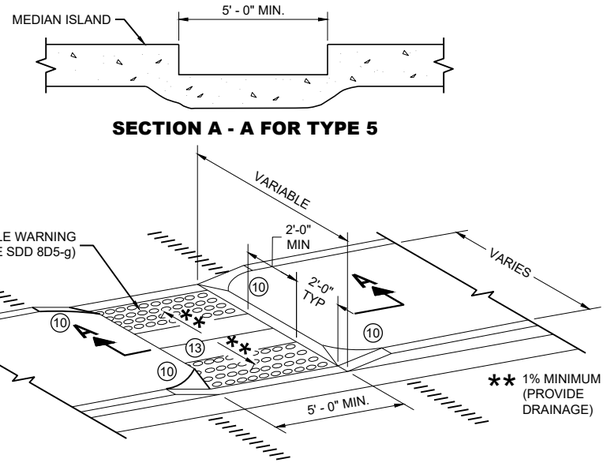
CURB RAMPS
TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



CURB RAMP TYPE 8

DETECTABLE WARNINGS FOR SIDEWALKS OR SHARED USE PATHS AT RAILROAD CROSSINGS



SECTION A - A FOR TYPE 5

CURB RAMP TYPE 5

MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

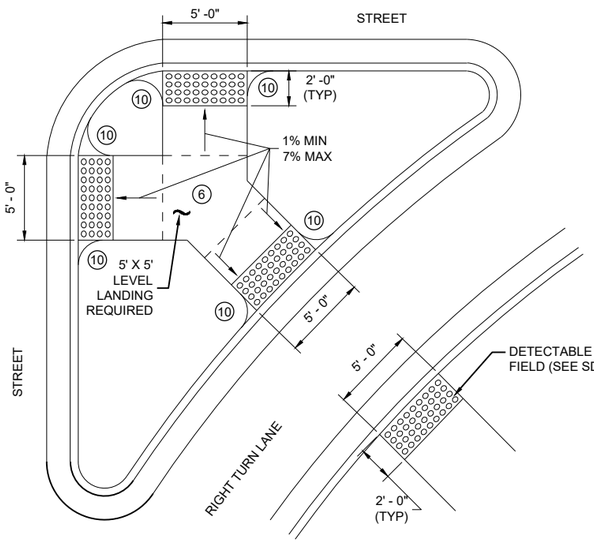
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK/PATH. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD TRACK IS 15 FEET MAXIMUM AND 12 FEET MINIMUM, 15 FEET TYPICAL FROM THE NEAREST RAIL.

(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

LEGEND

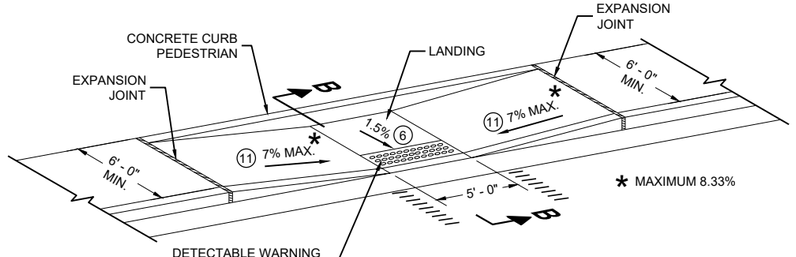
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



CURB RAMP TYPE 6

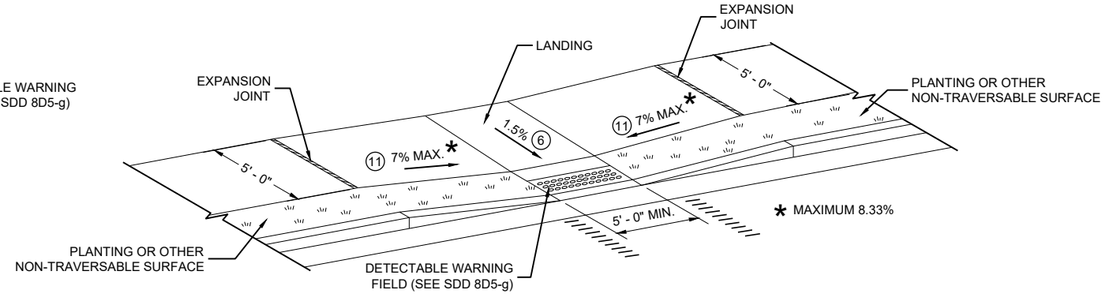
DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



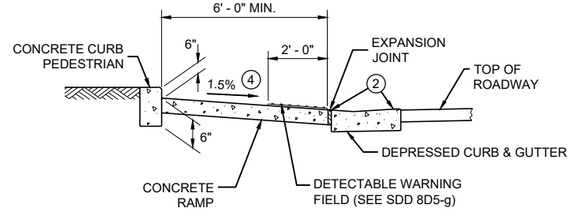
CURB RAMP TYPE 7A

FOR INTERSECTIONS AND MID BLOCK CROSSINGS



CURB RAMP TYPE 7B

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

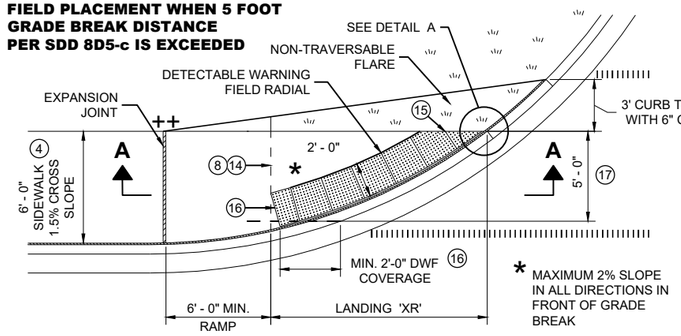


SECTION B - B FOR TYPE 7A

CURB RAMPS TYPE 5, 6, 7A, 7B & 8

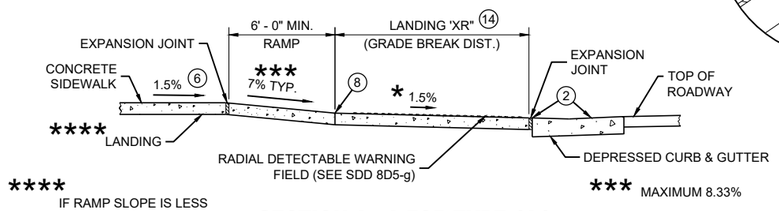
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED

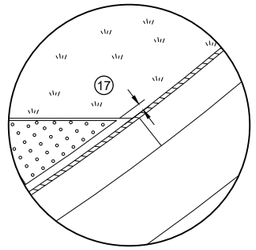


PLAN VIEW

CURB RAMP TYPE 4A1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



SECTION A - A FOR TYPE 4A1



DETAIL A

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

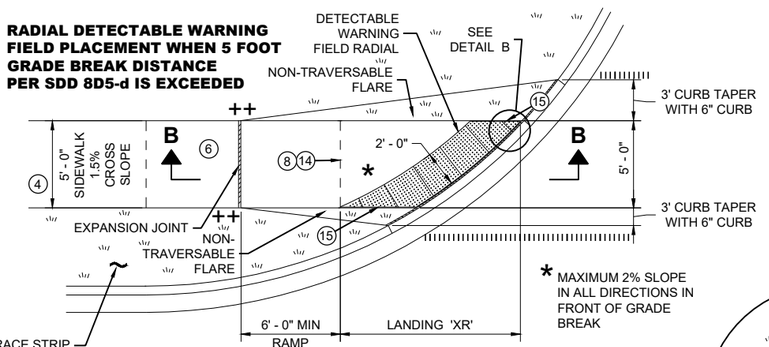
(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

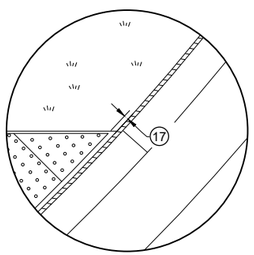
(17) A MAXIMUM 3 INCH CONCRETE BORDER WIDTH IS ALLOWABLE IN FRONT OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED

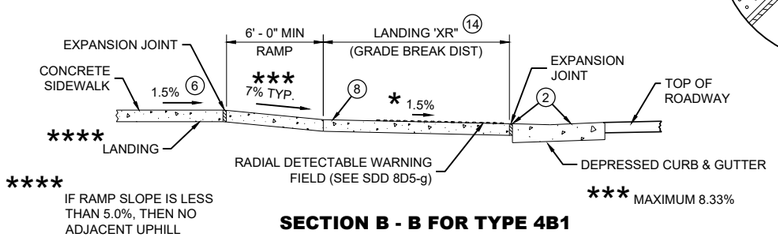


PLAN VIEW

CURB RAMP TYPE 4B1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)

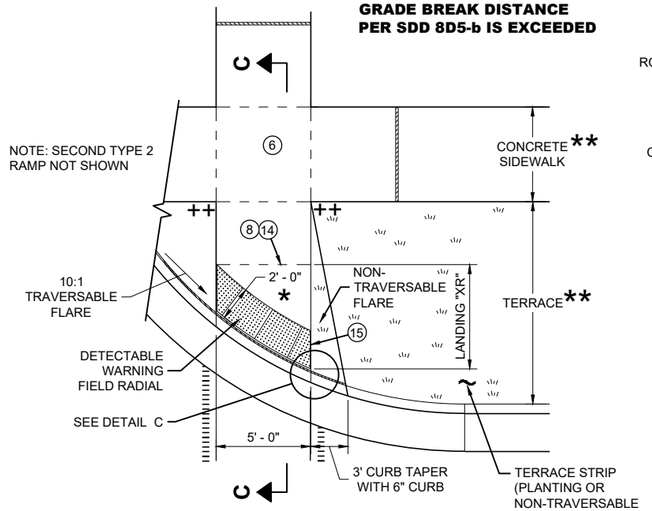


DETAIL B



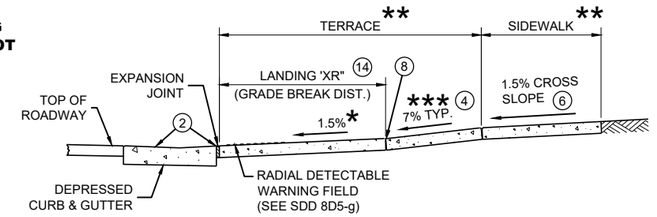
SECTION B - B FOR TYPE 4B1

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

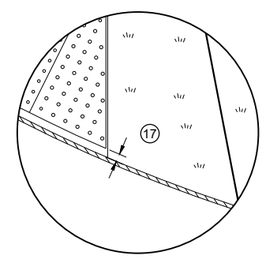


PLAN VIEW

CURB RAMP TYPE 2
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)
(ON LINE WITH SIDEWALK)



SECTION C - C FOR TYPE 2



DETAIL C

* MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** MAXIMUM 8.33%

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

CURB RAMPS
RADIAL DETECTABLE WARNING

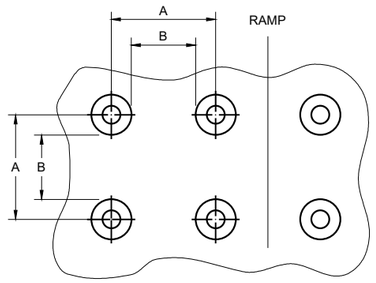
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

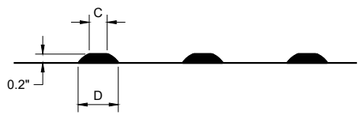
SDD 08D05-21f

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

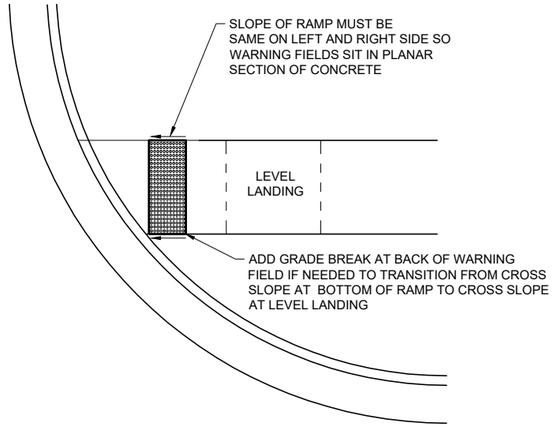
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



PLAN VIEW



ELEVATION VIEW



DETECTABLE WARNING FIELD
PLANAR INSTALLATION

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

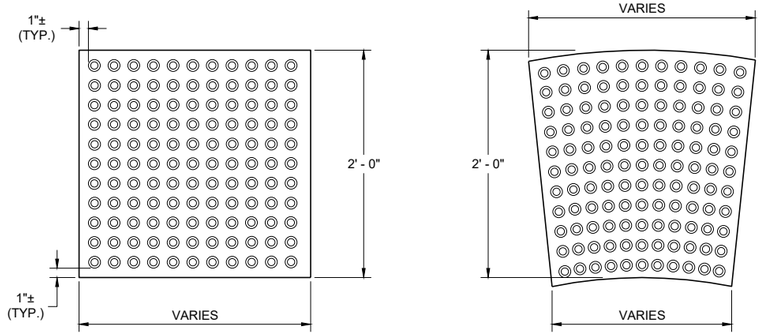
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

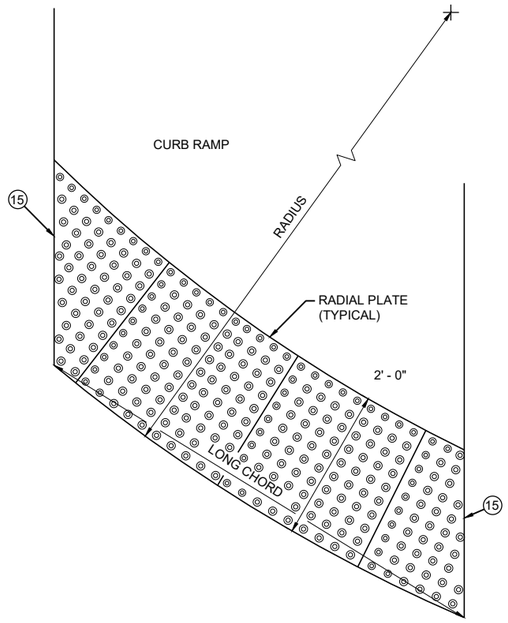
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



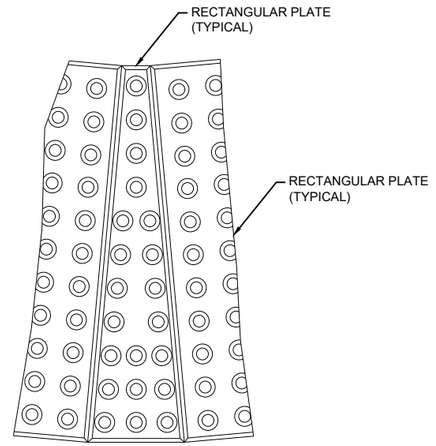
RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

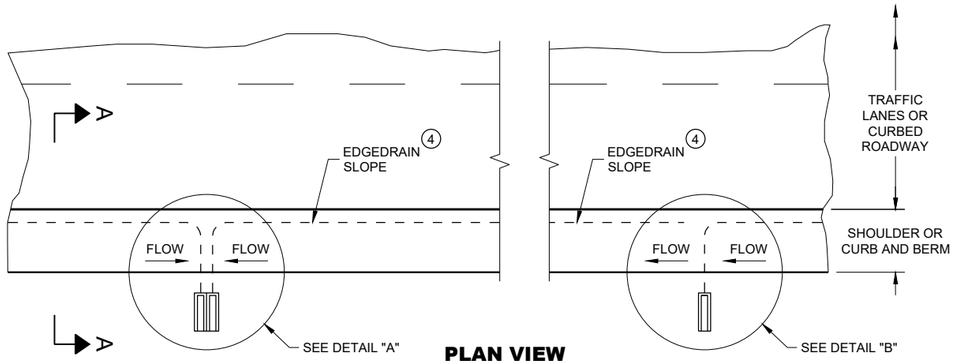
CURB RAMPS
RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

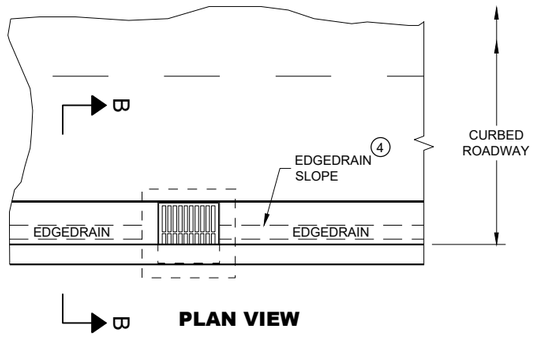
FHWA

6
SDD 08D05-21g



PLAN VIEW

ROADWAY WITH SHOULDERS OR CURBS
(EDGEDRAIN CONNECTS TO ROADSIDE) (2)



PLAN VIEW

ROADWAY WITH CURBS
(EDGEDRAIN CONNECTS INTO INLET STRUCTURE)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) UNPERFORATED PIPE UNDERDRAIN AND FITTINGS FURNISHED FOR OUTFALL PIPE SHALL MEET THE REQUIREMENTS OF ONE OF THE FOLLOWING SPECIFICATIONS:

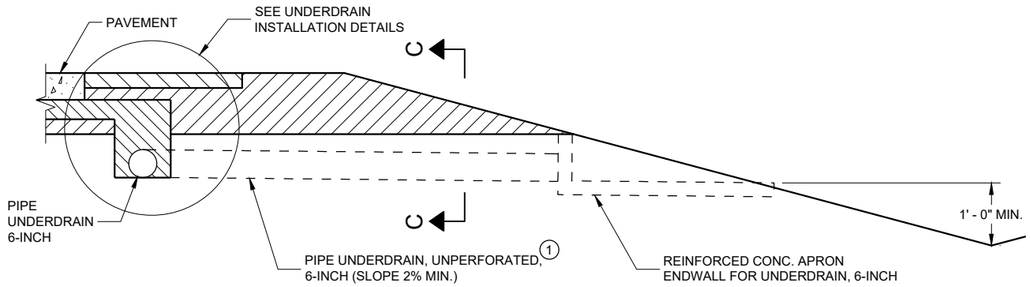
POLYVINYL CHLORIDE (PVC) PLASTIC DRAIN, WASTE, AND VENT PIPE AND FITTINGS, ASTM D 2665, SCHEDULE 40 PVC.

TYPE PSM POLYVINYL CHLORIDE (PVC) SEWER PIPE AND FITTINGS, ASTM D 3034, SDR 23.5 PVC SEWER PIPE.

(2) MAXIMUM SPACING OF EDGEDRAIN OUTLETS SHALL BE 250 FEET UNLESS OTHERWISE SPECIFIED IN THE CONTRACT OR DIRECTED BY THE ENGINEER.

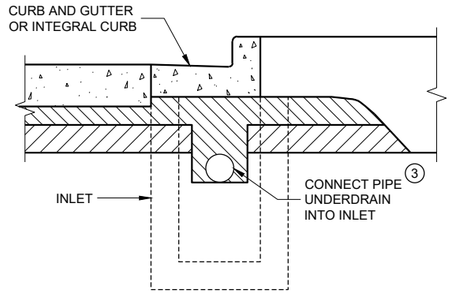
(3) EDGEDRAIN SHALL BE CONNECTED TO INLETS REGARDLESS OF FLOW DIRECTION FOR DRAINAGE AND MAINTENANCE ACCESS.

(4) EDGEDRAIN SHALL BE LAID PARALLEL TO THE GRADE OF ROADWAY.



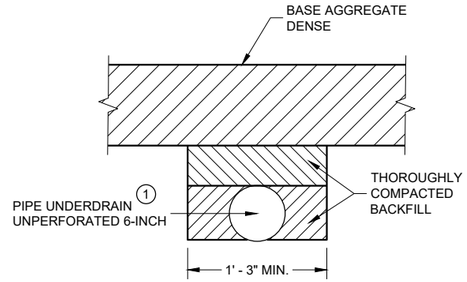
SECTION A - A

RURAL CROSS SECTION



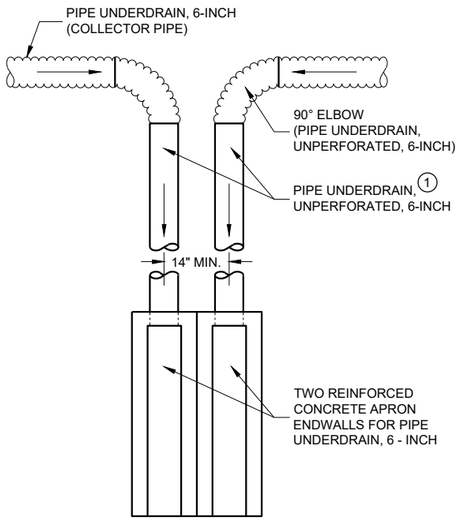
SECTION B - B

URBAN CROSS SECTION

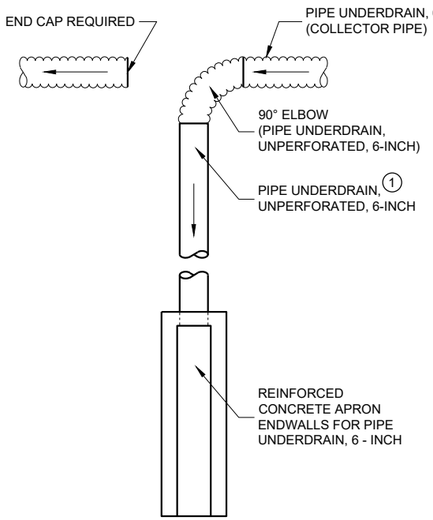


SECTION C - C

TRENCH FOR OUTFALL PIPE

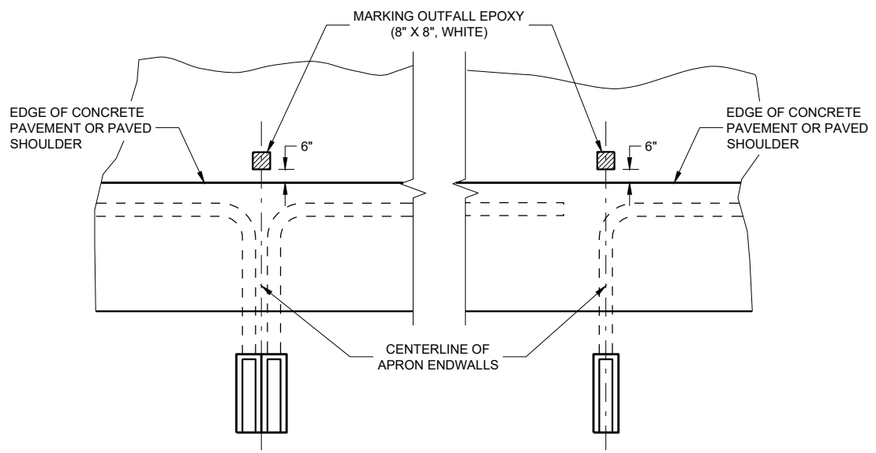


DETAIL "A"
TO BE USED AT LOW POINT LOCATIONS



DETAIL "B"
TO BE USED AT INTERMEDIATE LOCATIONS

TYPICAL DRAIN OUT DETAILS



LOW POINT LOCATIONS — INTERMEDIATE LOCATIONS

PAVEMENT MARKINGS FOR OUTFALL MARKERS

EDGEDRAIN OUTLET AND OUTFALL MARKERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

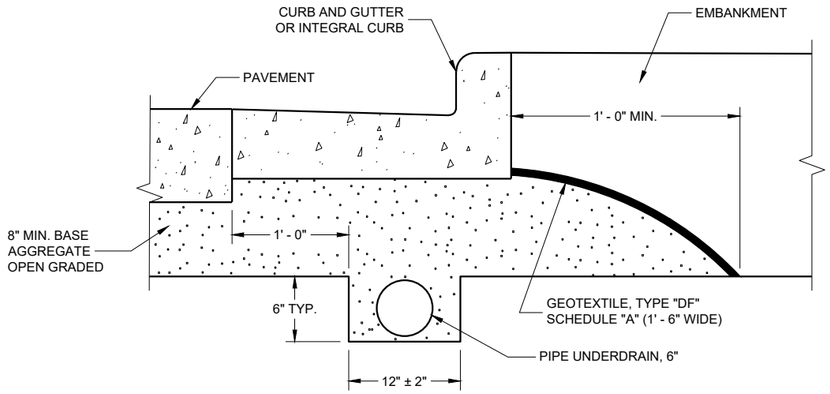
SDD08D15 - 05a

SDD08D15 - 05a

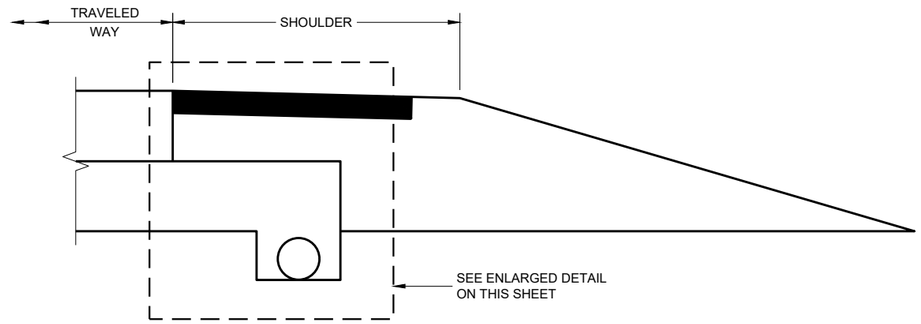
GENERAL NOTES

THE DIMENSIONS SHOWN ON THE TYPICAL CROSS SECTIONS WILL GOVERN IN THE EVENT THERE IS A CONFLICT WITH THE DETAILS SHOWN ON THIS DRAWING.

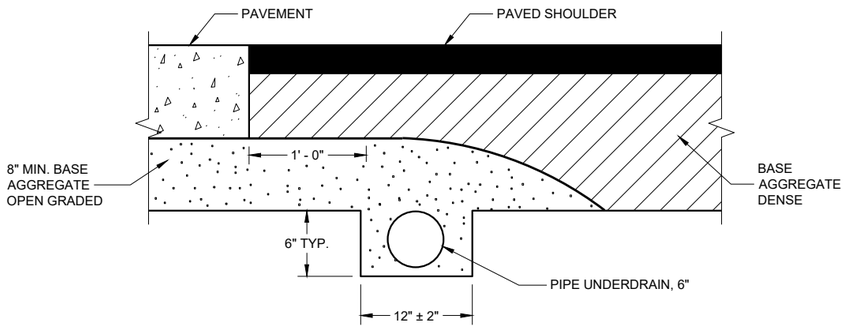
PIPE UNDERDRAIN SHALL BE LAID PARALLEL TO THE GRADE OF THE ROADWAY.



EDGEDRAIN IN URBAN ROADWAY

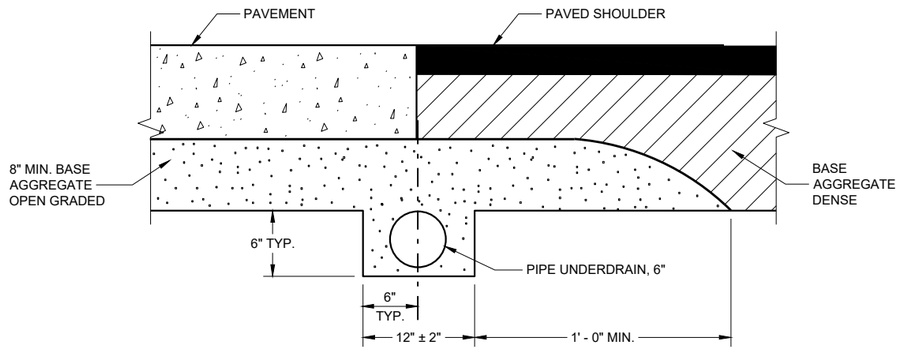


RURAL CROSS SECTION



POST PAVING INSTALLATION

(QUANTITIES ARE BASED ON THIS DETAIL)



PRE-PAVING INSTALLATION ALTERNATIVE

EDGEDRAIN IN RURAL ROADWAY

EDGEDRAIN AND BASE AGGREGATE OPEN GRADED

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2015
DATE
/S/ Peter Kemp, P.E.
PAVEMENT SUPERVISOR
FHWA

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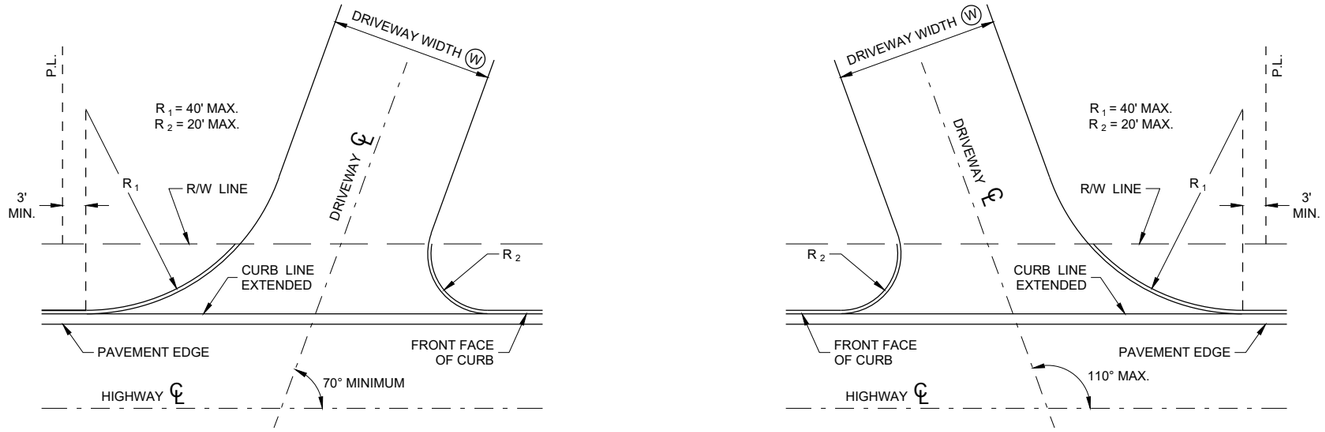
SDD 08D15 - 05c



SKEWED DRIVEWAY DETAILS (COMMERCIAL AND NON-COMMERCIAL)

SIDEWALK NOT SHOWN

GENERAL NOTES

A MAXIMUM RADIUS OF 10 FEET SHALL BE USED FOR NON-COMMERCIAL PRIVATE ENTRANCES. RADII FOR COMMERCIAL DRIVEWAYS SHALL BE DETERMINED BY THE ENGINEER BASED ON TRAFFIC AND DRIVEWAY PERMIT RESTRICTIONS.

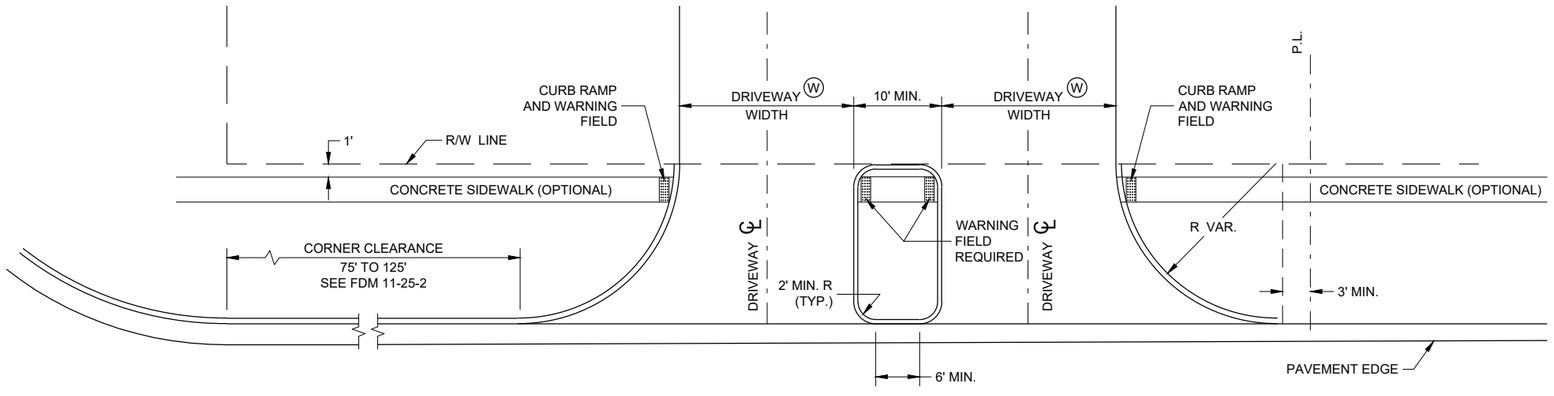
THE MINIMUM ANGLE OF INTERSECTION BETWEEN THE DRIVEWAY AND HIGHWAY CENTERLINES SHALL BE 70°.

ALL CURVILINEAR PRIVATE ENTRANCE OUTLINES SHALL BE CONTAINED WITHIN THE HIGHWAY R/W.

NO DRIVEWAY SHALL BE BUILT WITHIN 3 FEET OF THE PROPERTY LINE EXCEPT FOR EXISTING JOINT DRIVEWAY SHARED BY TWO OWNERS.

(W): 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)



DRIVEWAY LOCATION AND SPACING DETAILS

SIDEWALK SHOWN

DRIVEWAYS WITH CURB AND GUTTER RETURNS

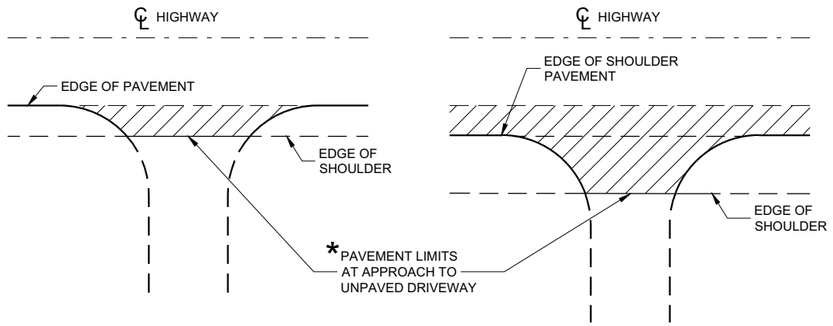
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
00-00-00 DATE
/S/ <AUTHOR> ROADWAY STANDARDS DEVE ENGINEER

FHWA

SDD 08D20 - 01

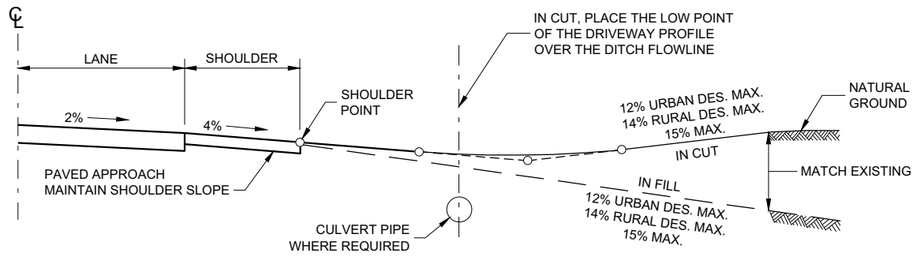
SDD 08D20 - 01



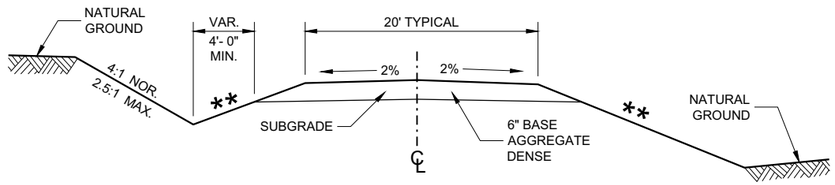
PLAN VIEW
(UNPAVED SHOULDER ON HIGHWAY)

PLAN VIEW
(PAVED SHOULDER ON HIGHWAY)

RURAL DRIVEWAY INTERSECTION DETAIL
(NO CURB AND GUTTER OR SIDEWALK)



TYPICAL DRIVEWAY PROFILES

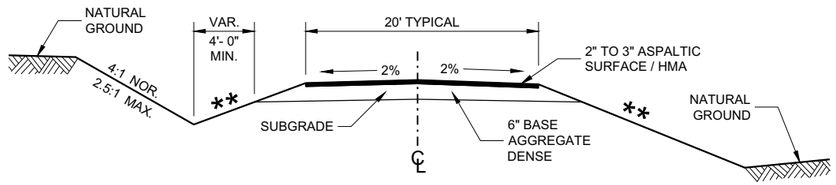


IN CUT **IN FILL**

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE AGGREGATE SURFACE

** SLOPE CAN VARY WITH SPEED. SEE 11-45-30.6.2

POSTED SPEED MPH	MAX. SLOPE
<35	4:1
≥ 35 TO < 60	6:1
≥60	10:1



IN CUT **IN FILL**

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE ASPHALTIC SURFACE

DRIVEWAYS WITHOUT CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2017 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE UNIT SUPERVISOR

FHWA

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SDD 08D21 - 01

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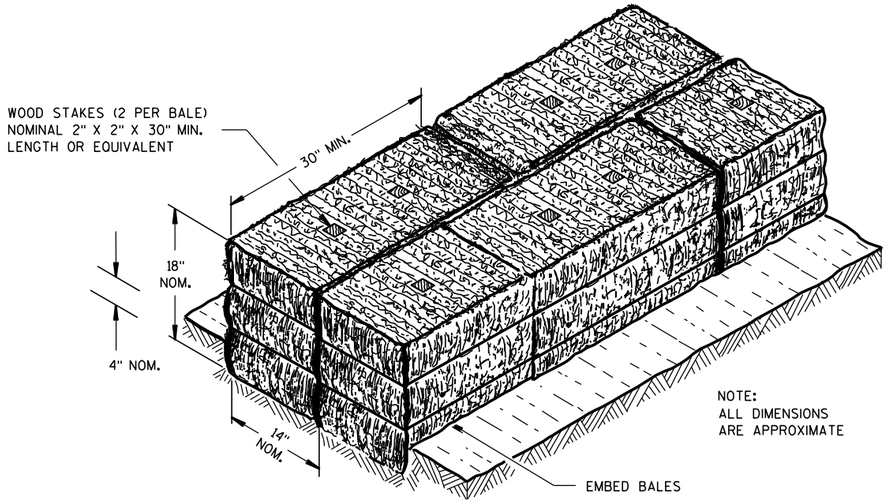
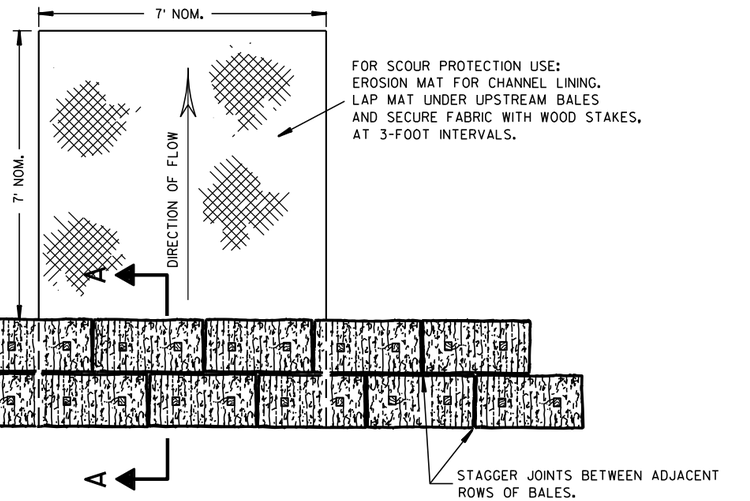
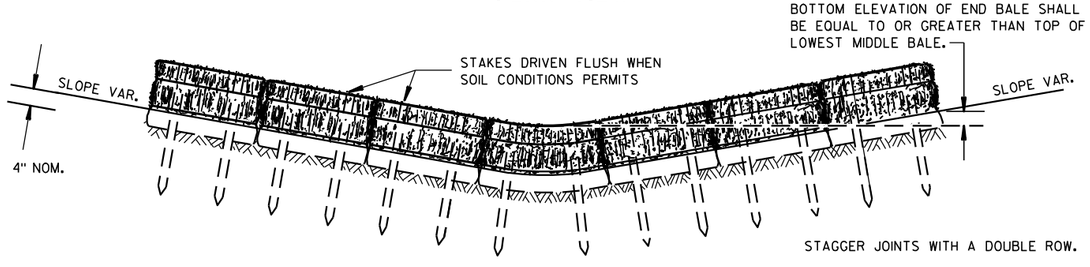
SDD 08D21 - 01



SECTION A-A



PLAN VIEW



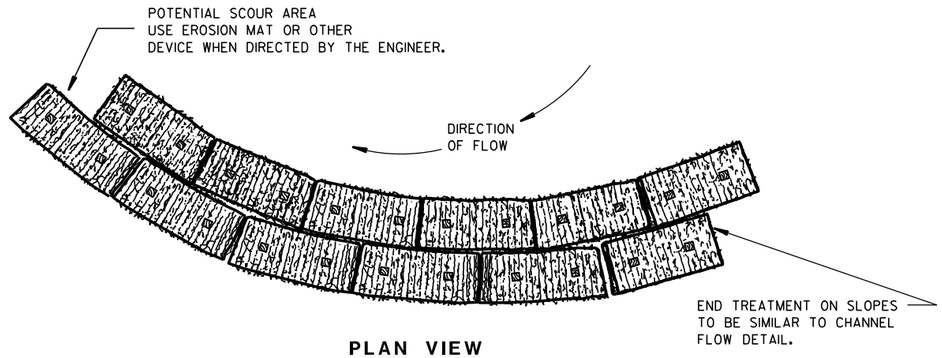
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES ①

GENERAL NOTES

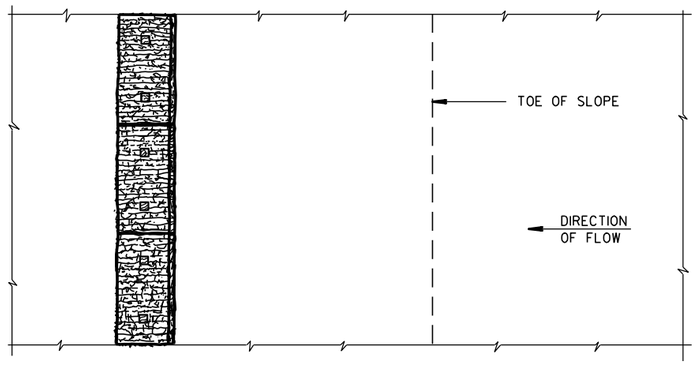
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

① TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

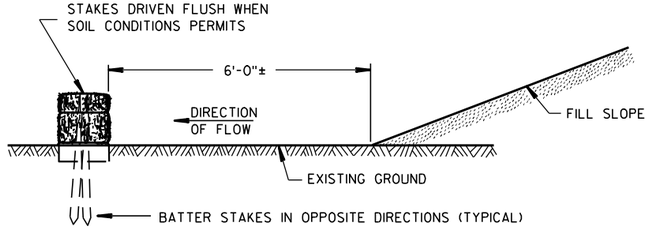


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/04/02 DATE — /S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

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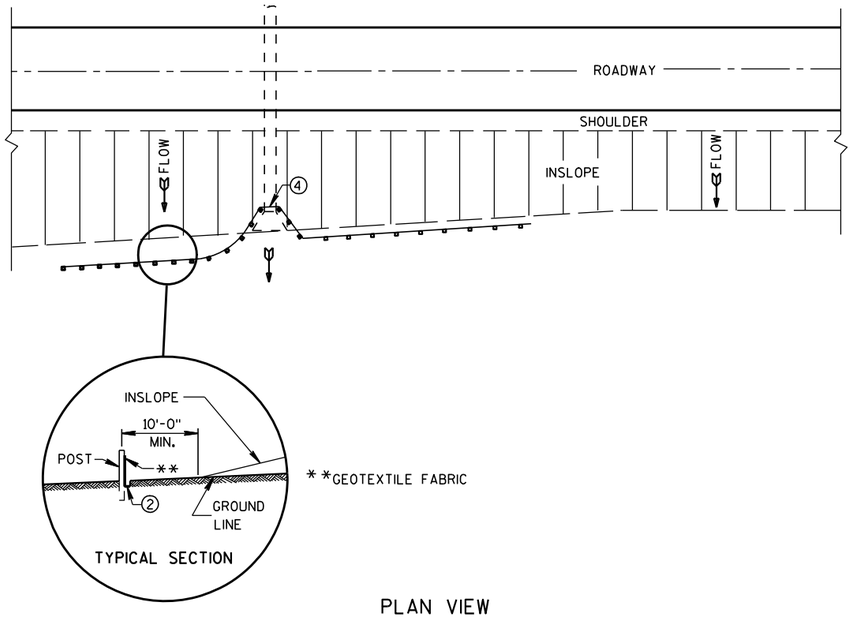
S.D.D. 8 E 8-3

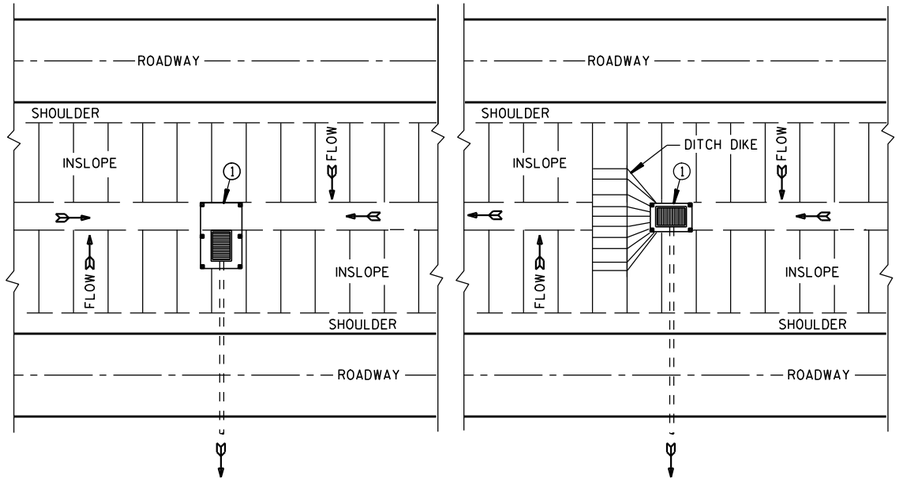
6

S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



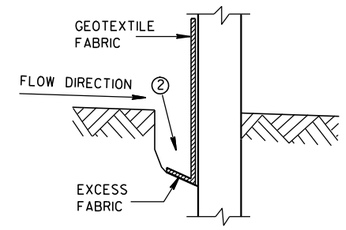
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

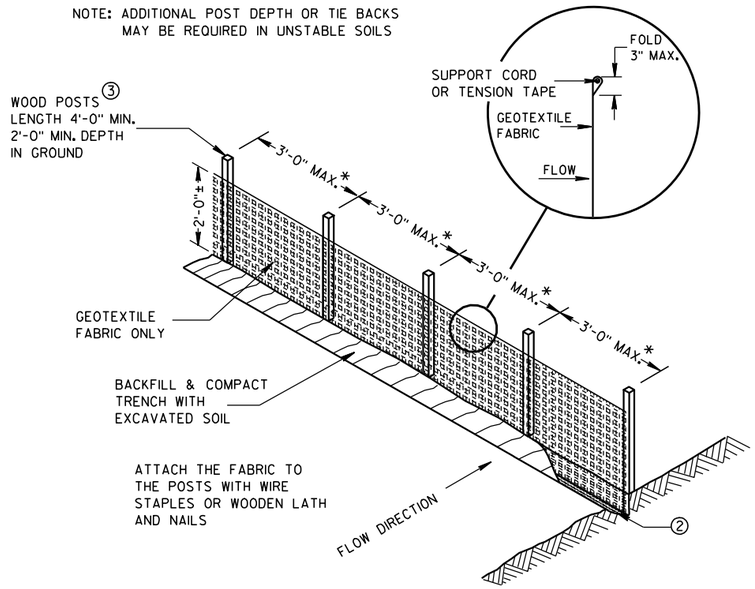
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

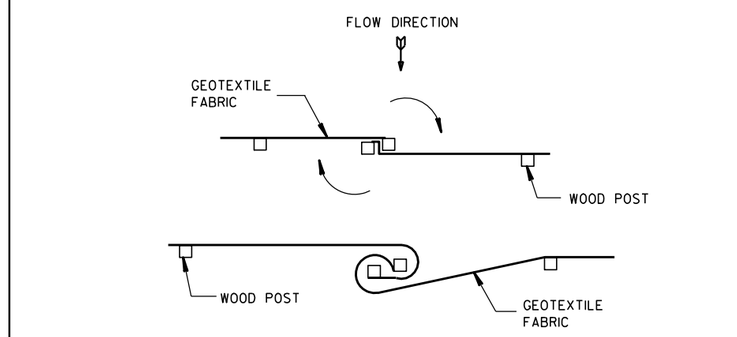


TRENCH DETAIL

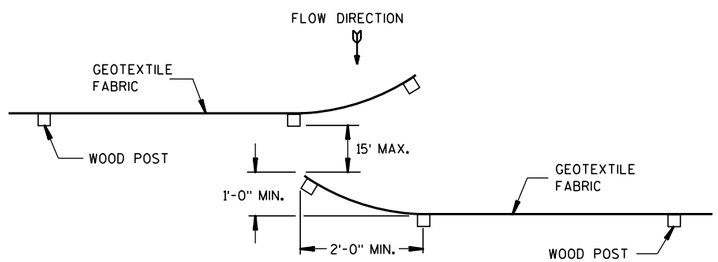


*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

SILT FENCE

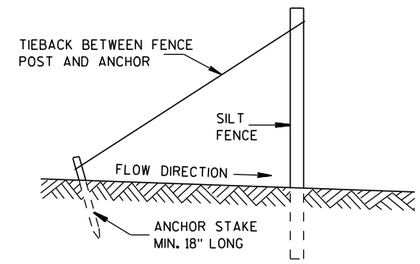


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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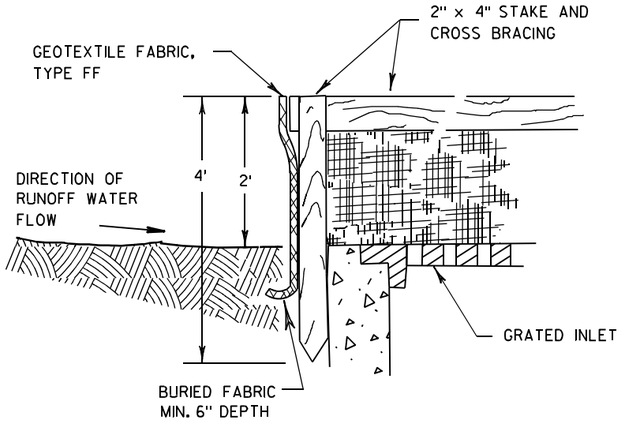
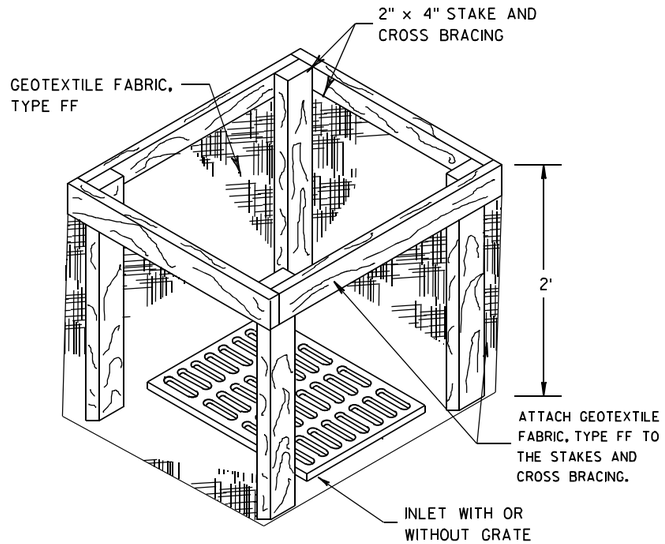
S.D.D. 8 E 9-6

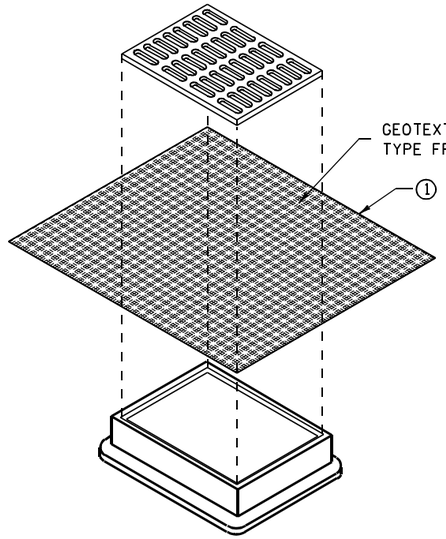
6

S.D.D. 8 E 9-6



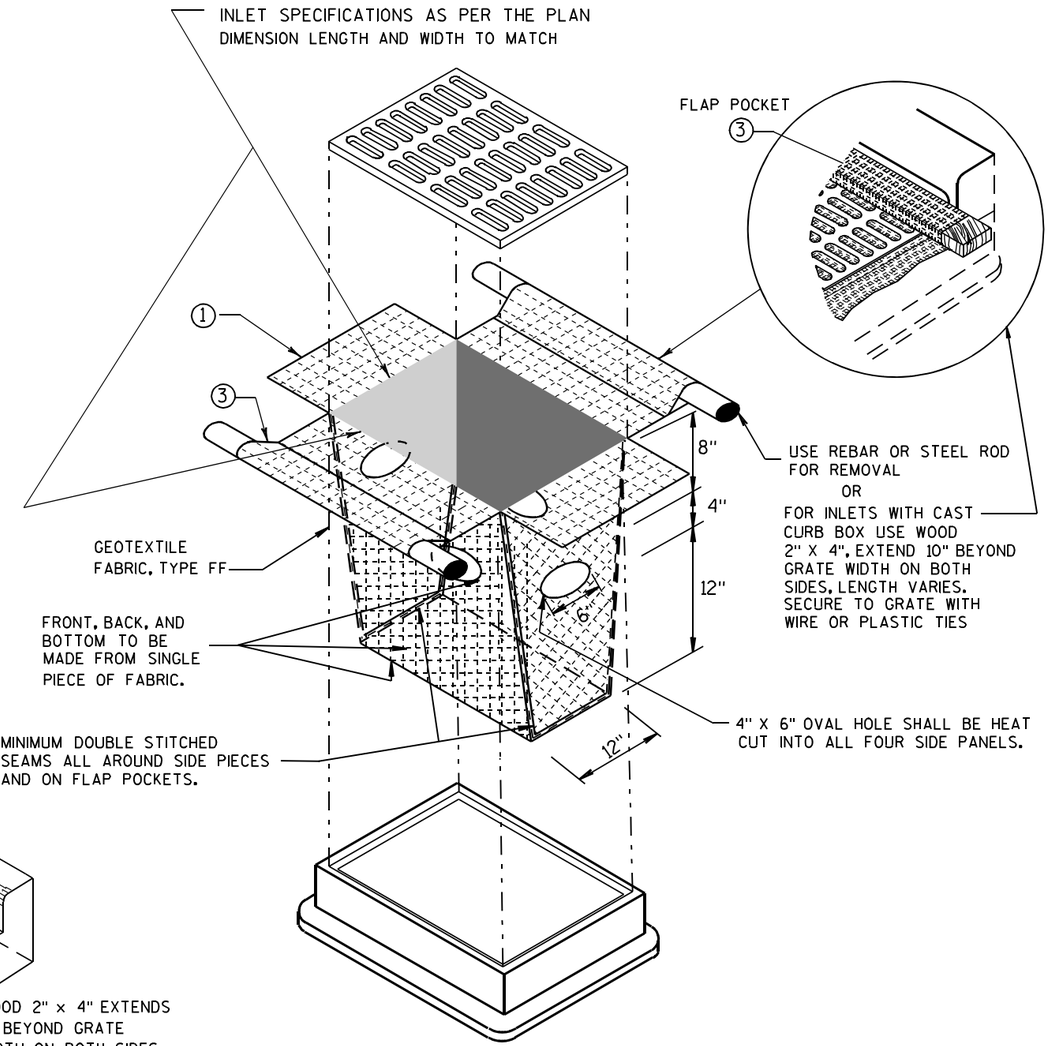


INLET PROTECTION, TYPE A



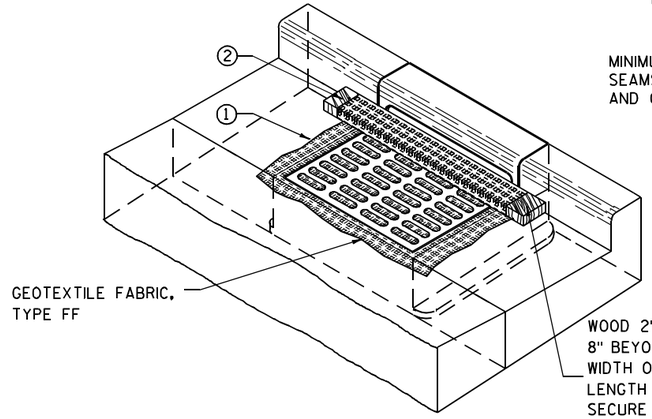
INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)



INLET PROTECTION, TYPE C (WITH CURB BOX)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

10/16/02
DATE

/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

6

S.D.D. 8 E 10-2

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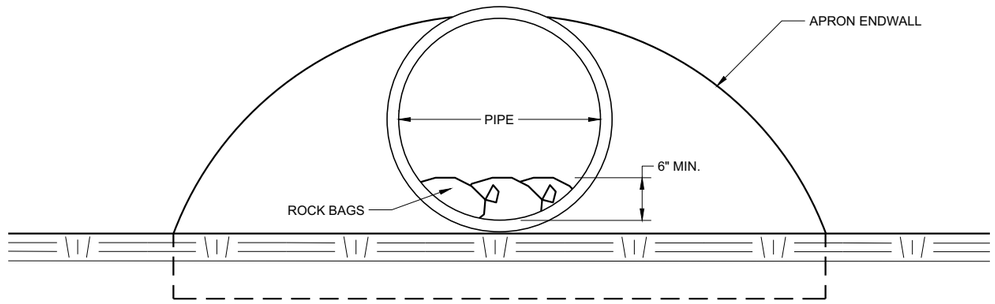
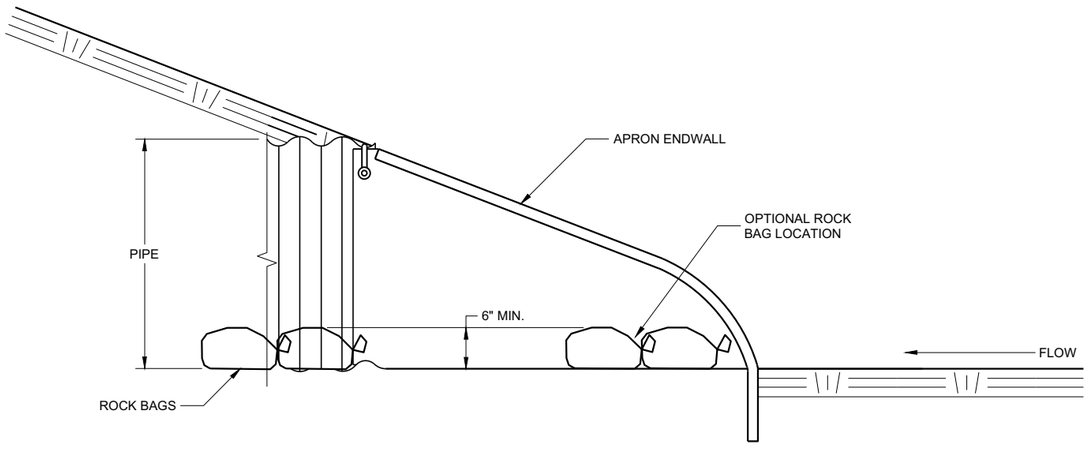
S.D.D. 8 E 10-2



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2019 DATE	/S/ Daniel Schave EROSION CONTROL ENGI
FHWA	

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SDD 08E15 - 01

METAL APRON ENDWALLS

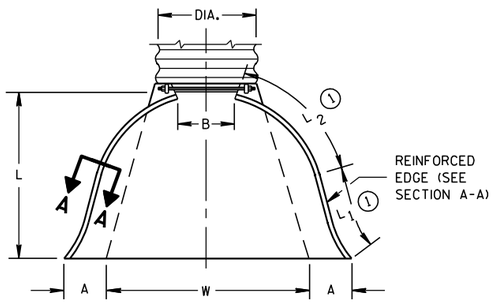
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

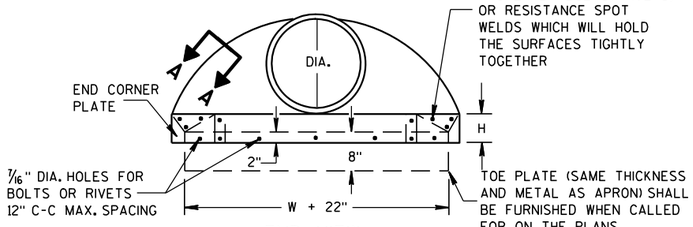
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

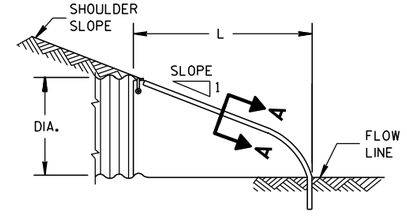
*MINIMUM
**MAXIMUM



PLAN VIEW

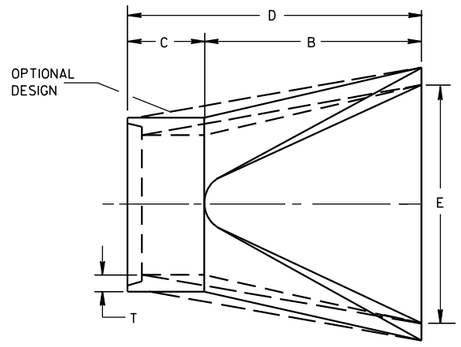


END VIEW

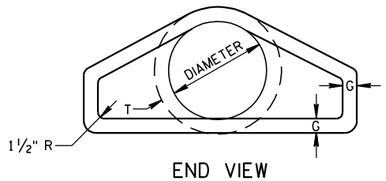


SIDE ELEVATION

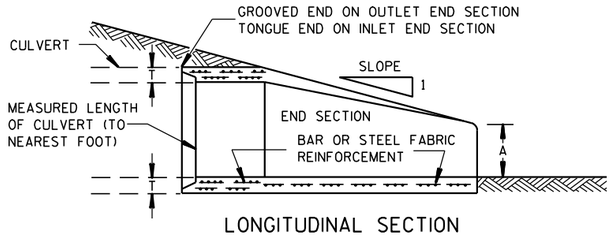
METAL ENDWALLS



PLAN

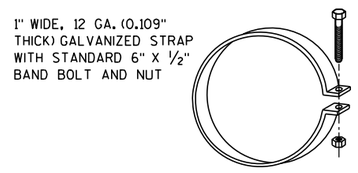


END VIEW



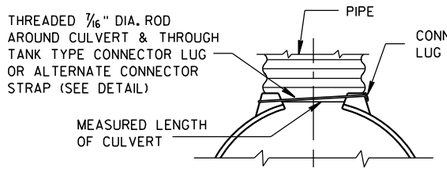
LONGITUDINAL SECTION

CONCRETE ENDWALLS

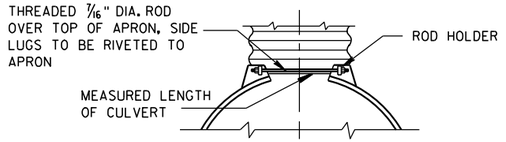


ALTERNATE FOR TYPE 1 CONNECTION

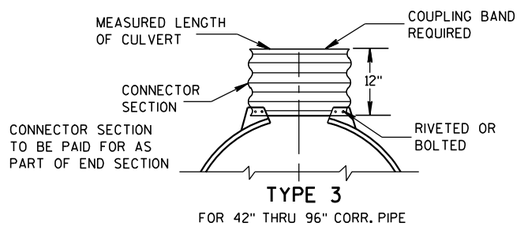
END SECTION CONNECTOR STRAP



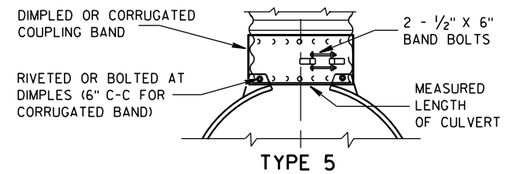
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

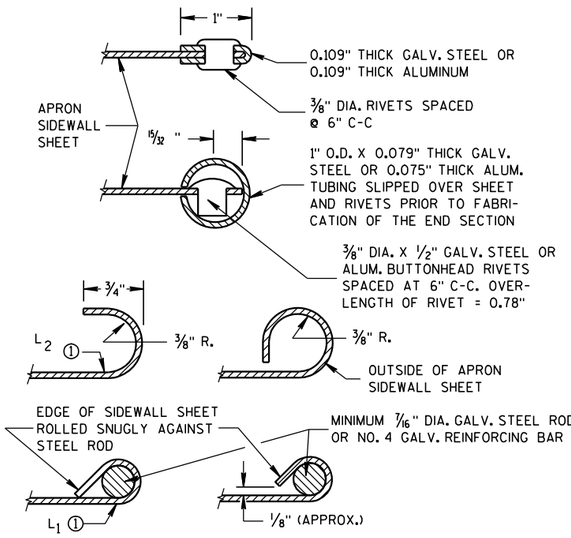
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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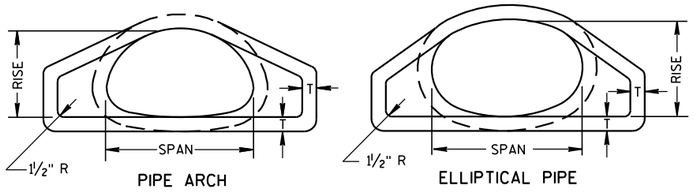
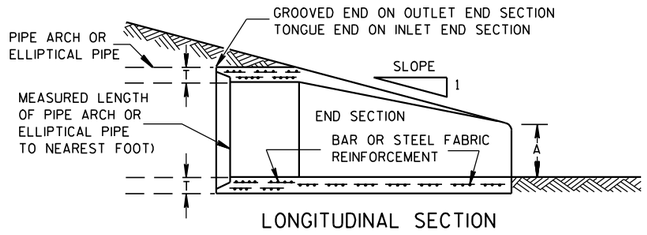
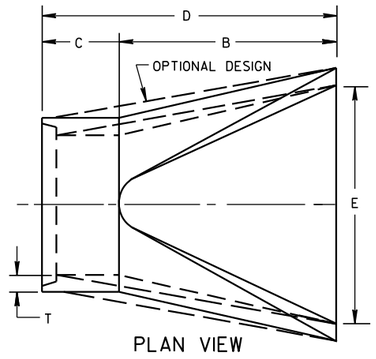
S.D.D. 8 F 1-11



END VIEW

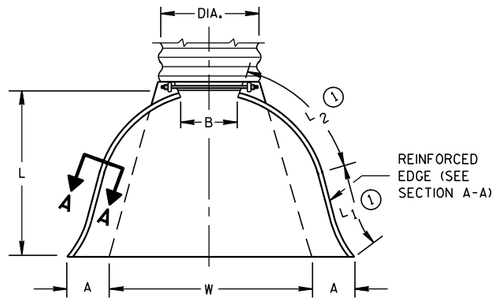


LONGITUDINAL SECTION

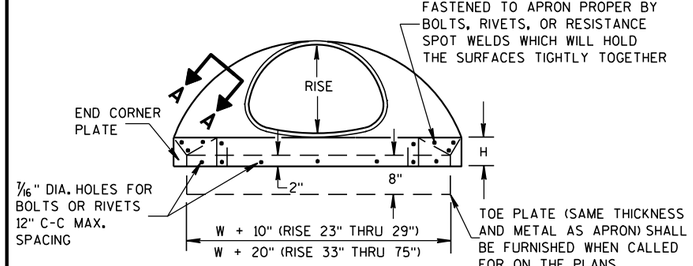


PLAN VIEW

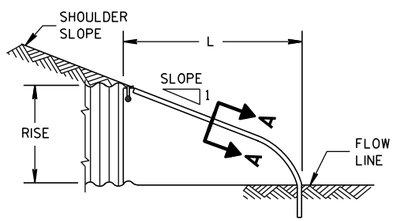
CONCRETE ENDWALLS



PLAN VIEW

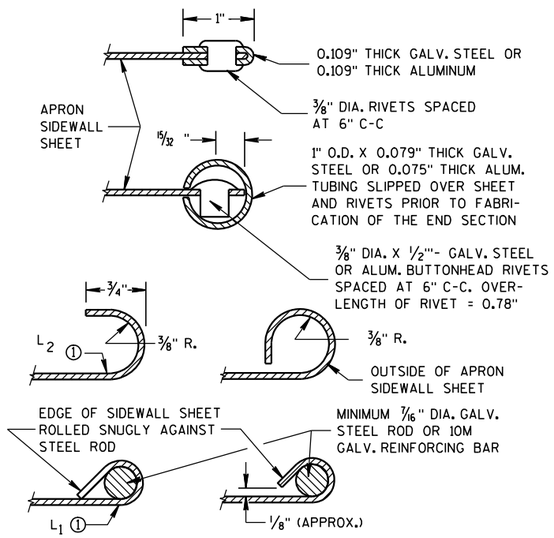


END VIEW



SIDE ELEVATION

METAL ENDWALLS



SECTION A-A

2- 2/3" X 1/2" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
15	17	13	.064	.060	7	9	6	19	14	16	30	2½ to 1	1 Pc.
18	21	15	.064	.060	7	10	6	23	14	19⅜	36	2½ to 1	1 Pc.
21	24	18	.064	.060	8	12	6	28	18	21¾	42	2½ to 1	1 Pc.
24	28	20	.064	.060	9	14	6	32	18	27½	48	2½ to 1	1 Pc.
30	35	24	.079	.075	10	16	6	39	18	37⅝	60	2½ to 1	1 Pc.
36	42	29	.079	.075	12	18	8	46	24	45⅜	75	2½ to 1	1 Pc.
42	49	33	.109	.105	13	21	9	53	24	54¾	85	2½ to 1	2 Pc.
48	57	38	.109	.105	18	26	12	63	24	68	90	2½ to 1	3 Pc.
54	64	43	.109	.105	18	30	12	70	24	72¾	102	2¼ to 1	3 Pc.
60	71	47	.109*	.105*	18	33	12	77	30	82¼	114	2¼ to 1	3 Pc.
66	77	52	.109*	.105*	18	36	12	77	—	—	126	2 to 1	3 Pc.
72	83	57	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.

3" X 1" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
48	53	41	.109	.105	18	26	12	63	24	72¾	90	2½ to 1	2 Pc.
54	60	46	.109	.105	18	30	12	70	30	82¼	102	2 to 1	2 Pc.
60	66	51	.109*	.105*	18	33	12	77	—	—	114	1½ to 1	3 Pc.
66	73	55	.109*	.105*	18	36	12	77	—	—	126	1½ to 1	3 Pc.
72	81	59	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.
78	87	63	.109*	.105*	22	38	12	77	—	—	148	1½ to 1	3 Pc.
84	95	67	.109*	.105*	22	34	12	77	—	—	162	1½ to 1	3 Pc.
90	103	71	.109*	.105*	22	38	12	77	—	—	174	1½ to 1	3 Pc.
96	112	75	.109*	.105*	24	40	12	77	—	—	174	1½ to 1	3 Pc.

NOTE: ALL SPLICES TO BE LAP RIVETED OR BOLTED.

* EXCEPT CENTER PANEL SEE GENERAL NOTES

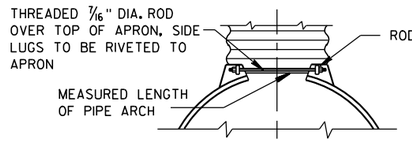
REINFORCED CONCRETE PIPE ARCH

EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	29	18	3	8½	39	33	72	48	3 to 1
30	36	22	3½	9½	50	46	96	60	3 to 1
36	44	27	4	11⅛	60	36	96	72	3 to 1
42	51	31	4½	15 13/16	60	36	96	78	3 to 1
48	58	36	5	21	60	36	96	84	3 to 1
54	65	40	5½	25½	60	36	96	90	3 to 1
60	73	45	6	31	60	36	96	96	3 to 1
72	88	54	7	31	60	39	99	120	2 to 1
84	102	62	8	28½	83	19	102	144	2 to 1

REINFORCED CONCRETE ELLIPTICAL PIPE

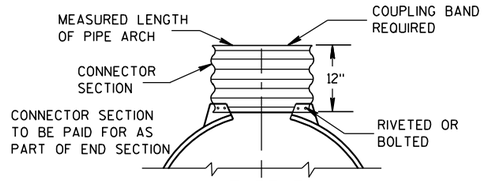
EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	30	19	3¼	8½	39	33	72	48	3 to 1
30	38	24	3¾	9½	54	18	72	60	3 to 1
36	45	29	4½	11⅛	60	24	84	72	2½ to 1
42	53	34	5	15¾	60	36	96	78	2½ to 1
48	60	38	5½	21	60	36	96	84	2½ to 1
54	68	43	6	25½	60	36	96	90	2½ to 1
60	76	48	6½	30	60	36	96	96	2½ to 1

**NOMINAL SIZE



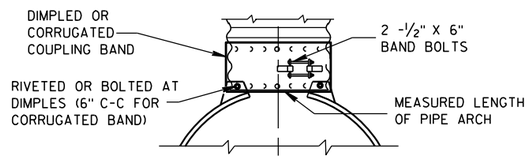
TYPE 2

FOR 17" X 13" THRU 112" X 75" PIPE ARCH



TYPE 3

FOR 64" X 43" THRU 112" X 75" PIPE ARCH



TYPE 5

ALTERNATE FOR:

ALL SIZES CORRUGATED PIPE ARCHES

NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL.

CONNECTION DETAILS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE APRON ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM APRON ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE ARCH PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 77" X 52" THROUGH 112" X 75" APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE ARCH SIZES UP TO 73" X 55" A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/94 — DATE

/S/ Rory L. Rhinesmith — CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

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S.D.D. 8 F 2-1

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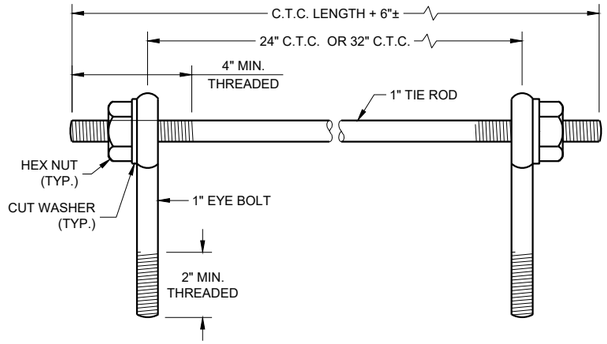
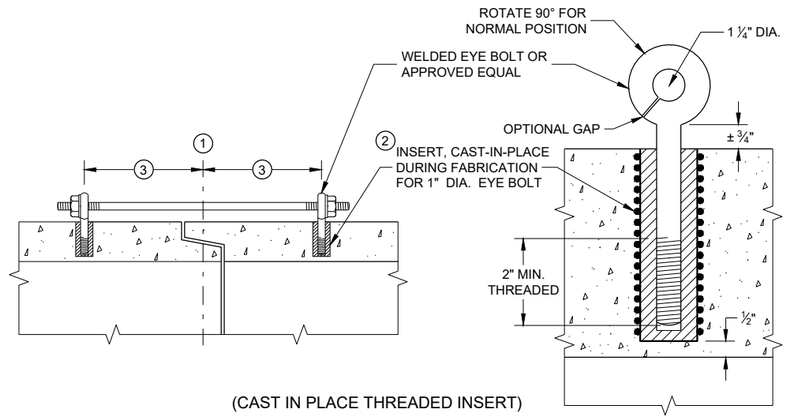
S.D.D. 8 F 2-1



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

(1) CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

(2) THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

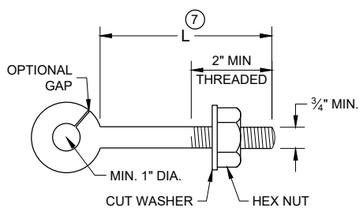
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

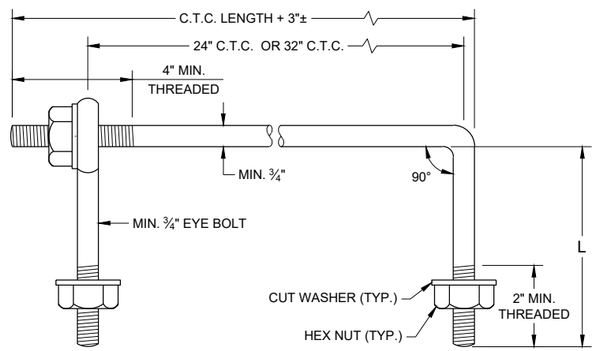
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

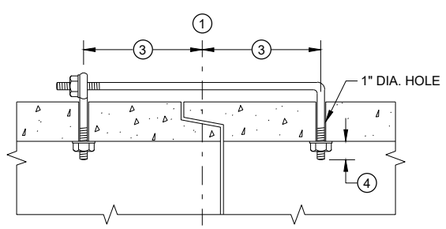


EYE BOLT (7)

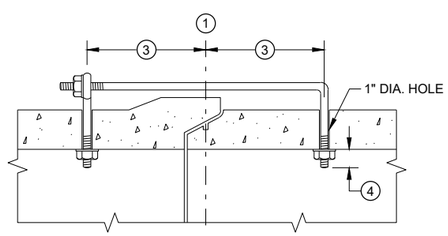
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

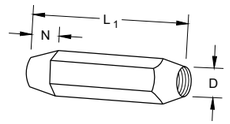
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12 - 60	⅝	⅝	5	½
66 - 84	¾	¾	5	½
90 - 144	1	1	7	1 7/16

DIMENSIONS SHOWN ARE IN INCHES



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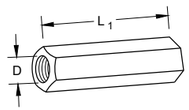
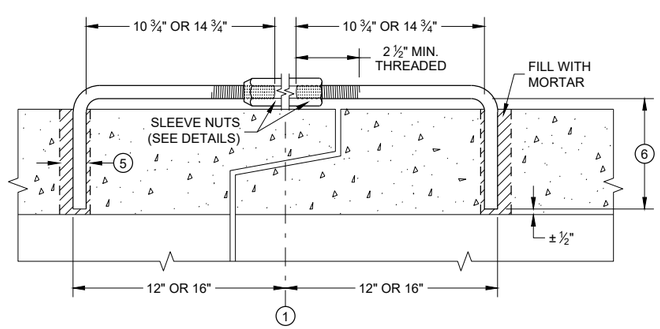


PLAIN

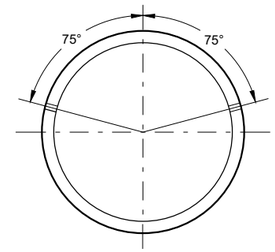
RIGHT AND LEFT THREADS

SLEEVE NUTS



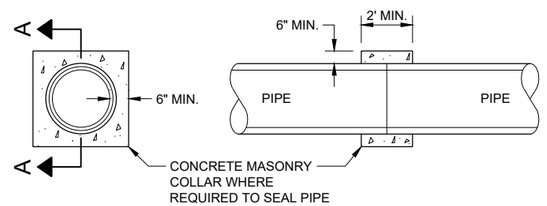
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

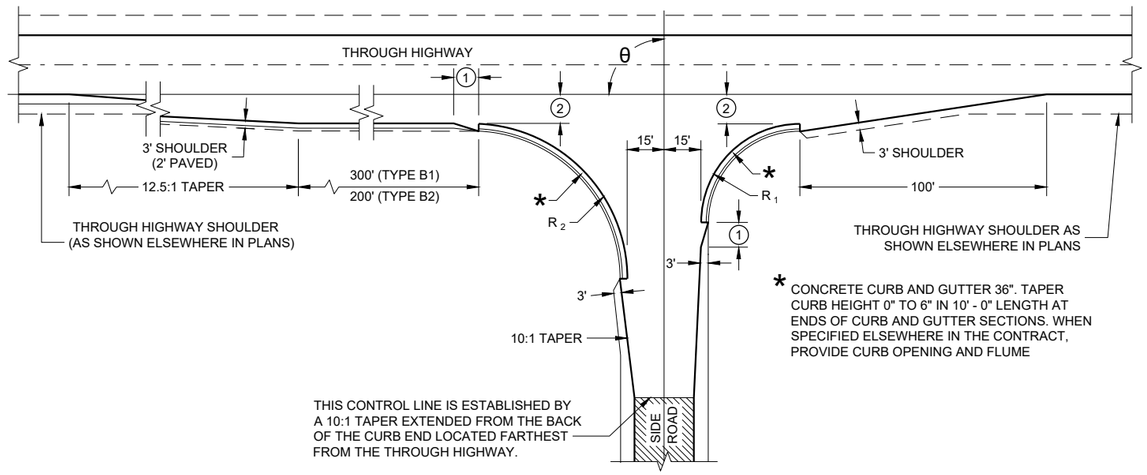
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

SDD 08F04 - 08

SDD 08F04 - 08



* CONCRETE CURB AND GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10' - 0" LENGTH AT ENDS OF CURB AND GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME

TYPE "B1" AND "B2"

RADII DIMENSIONS FOR TYPES "B1", "B2", "C" AND "D" INTERSECTIONS

θ	R_1	R_2
65 - 70	35	70
71 - 80	40	70
81 - 90	40	60
91 - 100	50	55
101 - 110	60	45

GENERAL NOTES

DESIGNS MAY BE USED INTERCHANGEABLY IN COMBINATION OR SEPARATELY FOR ANY ONE COMPLETE INTERSECTION DEPENDING UPON INTERSECTION ANGLE AND SURFACING OF EACH APPROACH ROADWAY.

SIDE ROAD SURFACING NOTE

WHEN THE SIDE ROAD IS NOT PRESENTLY PAVED, PAVEMENT SHALL BE PLACED TO THE LIMITS SHOWN UNLESS OTHERWISE PROVIDED IN THE CONTRACT. WHERE THE CONSTRUCTION LIMITS ARE BEYOND THE PAVING LIMITS, CRUSHED AGGREGATE SURFACING SHALL BE PLACED BETWEEN THE PAVING LIMITS AND CONSTRUCTION LIMITS.

WHEN THE SIDE ROAD IS PRESENTLY PAVED, NEW PAVEMENT SHALL BE PLACED TO THE LIMITS OF DESIGN AS SHOWN AND BEYOND, IF NECESSARY, TO MEET EXISTING PAVEMENT.

WHEN THE SIDE ROAD IS THE CONSTRUCTION PROJECT, THE INTERSECTION SURFACING SHALL BE THE SAME AS FOR THE PROJECT.

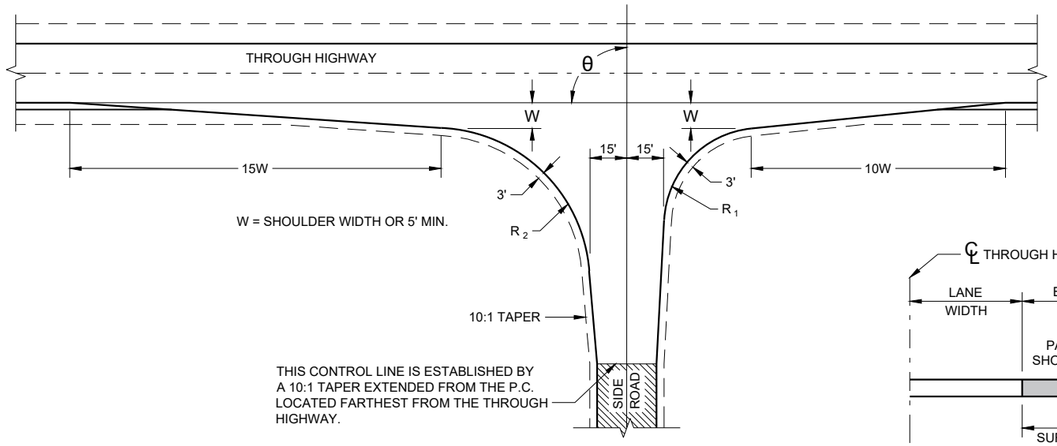
(1) 10-FT TYPICAL.

(2) 12-FT** PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLAN.

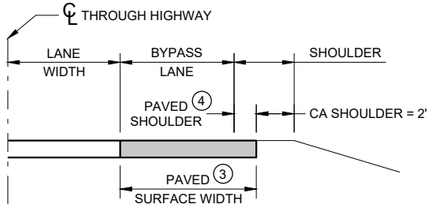
**10-FT MAY BE USED ON TYPE B2 ON RESURFACING PROJECTS IF SPECIFIED IN THE CONTRACT.

(3) BYPASS LANE PAVED SURFACE WIDTH OUTSIDE OF TRAVEL LANE
- ASPHALT = 12-FT PLUS PAVED SHOULDER WIDTH
- PC CONCRETE = 13-FT PLUS PAVED SHOULDER WIDTH

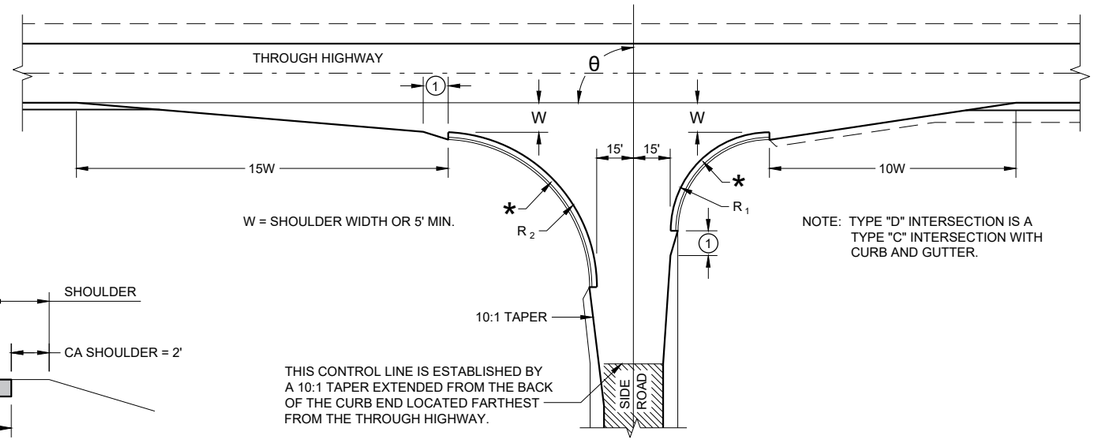
(4) BYPASS LANE PAVED SHOULDER WIDTH = THE GREATER OF 1-FT OR THE PAVED SHOULDER WIDTH OF THE THROUGH HIGHWAY.



TYPE "C"

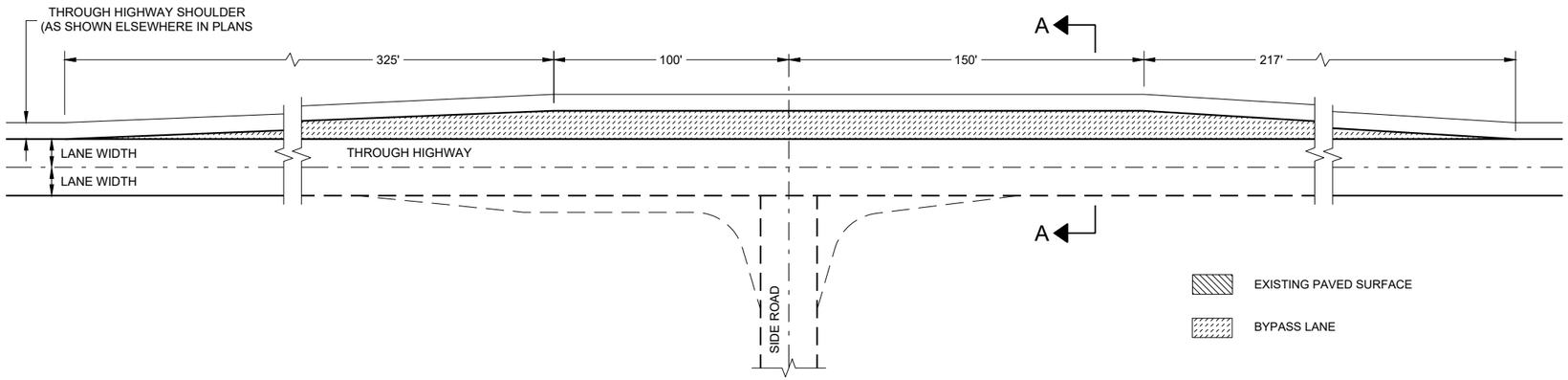


SECTION A - A
(SHOWING BYPASS LANE AND SHOULDER)



NOTE: TYPE "D" INTERSECTION IS A TYPE "C" INTERSECTION WITH CURB AND GUTTER.

TYPE "D"

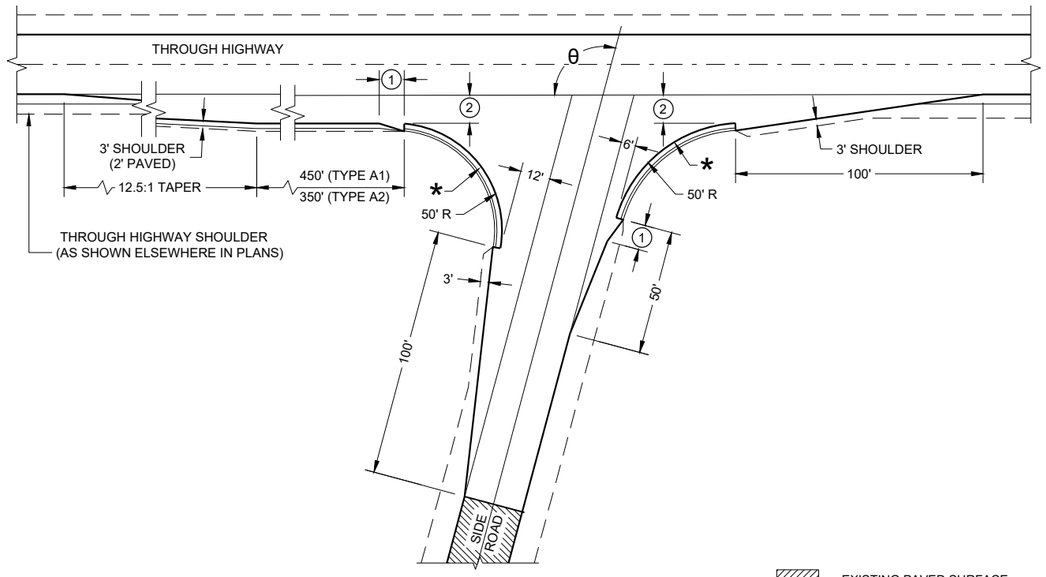


TEE INTERSECTION BYPASS LANE DETAIL

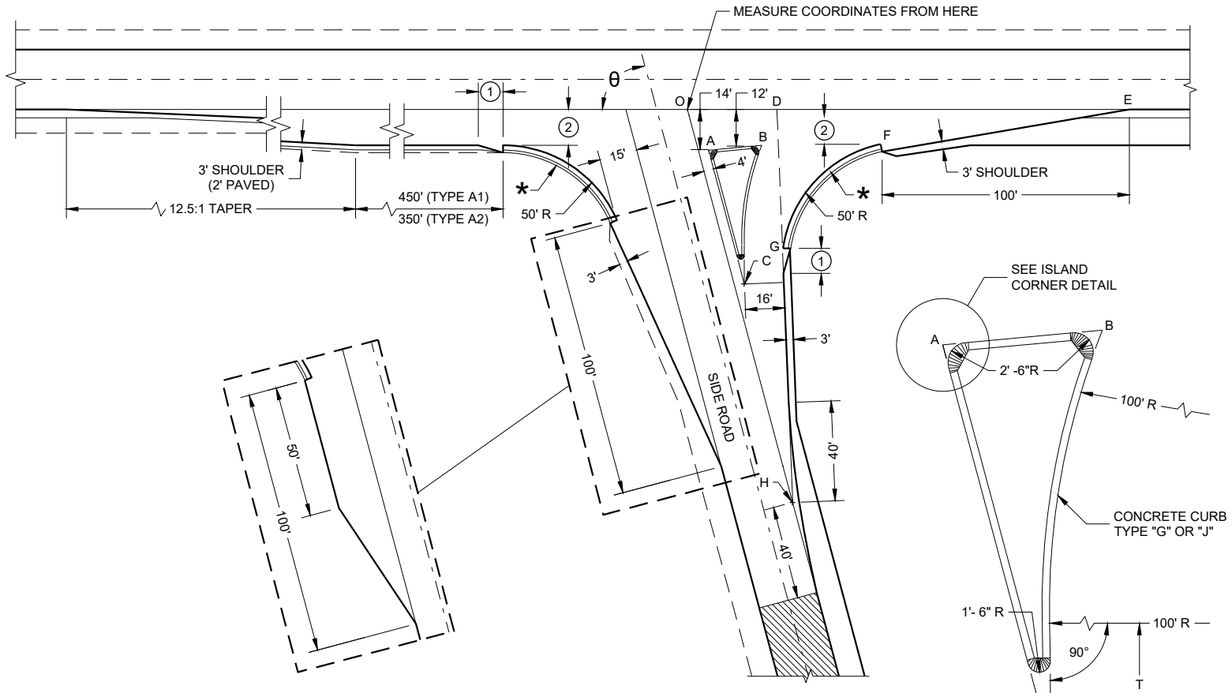
AT GRADE SIDE ROAD INTERSECTION TYPES "B1", "B2", "C", "D" AND TEE INTERSECTION BYPASS LANE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 09A01 - 14a

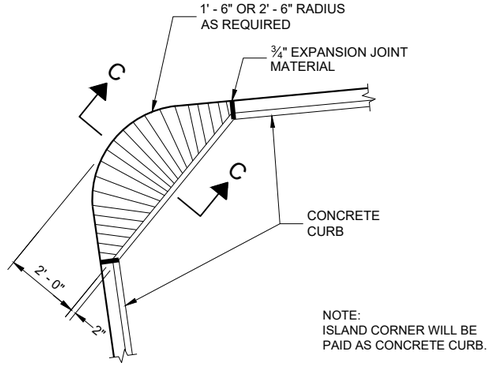


θ = MORE THAN 80°

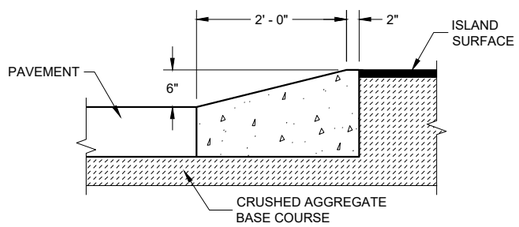


SIDE ROAD WIDENING AND TAPER REQUIRED WHERE
THE THROUGH HIGHWAY CARRIES TWO-WAY TRAFFIC
θ = ACUTE ANGLES 70° OR LESS

θ = ACUTE ANGLES 80° OR LESS



PLAN VIEW



SECTION C - C

ISLAND CORNER DETAIL

(TO BE CONSTUCTED AT ALL ISLAND CORNERS)

TABLE OF DIMENSIONS FOR VARIABLE SIDE ROAD INTERSECTION ANGLES

(INTERPOLATE VALUES FOR ANGLES NOT SHOWN)

ANGLE θ DEGREES	COORDINATES IN FEET (MEASURED FROM POINT 'O') X/Y								LENGTH IN FEET				
	A	B	C	D	E	F	G	H	AB	AC	T	OJ	OH
60	12.7 / -14.0	44.9 / -12.0	46.4 / -72.4	41.9 / 0.0	205.0 / 0.0	104.6 / -12.0	64.0 / -75.5	85.0 / -147.1	32.3	67.4	4.9	85.9	169.9
65	10.9 / -14.0	39.0 / -12.0	37.8 / -71.6	39.4 / 0.0	196.1 / 0.0	95.7 / -12.0	54.1 / -71.5	70.5 / -151.3	28.2	63.6	8.5	80.9	166.9
70	9.4 / -14.0	33.9 / -12.0	29.8 / -70.1	37.4 / 0.0	188.3 / 0.0	87.8 / -12.0	45.6 / -67.5	56.1 / -154.2	24.6	59.7	11.5	76.1	164.1
75	7.9 / -14.0	29.3 / -12.0	22.3 / -67.9	35.7 / 0.0	181.2 / 0.0	80.7 / -12.0	38.2 / -63.4	41.8 / -155.9	21.5	55.8	13.8	71.4	161.4
80	6.5 / -14.0	25.4 / -12.0	15.6 / -65.2	34.4 / 0.0	174.8 / 0.0	74.4 / -12.0	31.8 / -59.3	27.6 / -156.5	18.9	52.0	15.6	66.9	158.9

TYPE 'A1" AND "A2" SIDE ROAD INTERSECTION DETAILS

AT GRADE SIDE ROAD INTERSECTIONS
TYPES "A1" AND "A2"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022 — DATE
/S/ John Jenkins — ROADWAY STANDARDS DEVE ENGINEER
FHWA

SDD 09A01 - 14b

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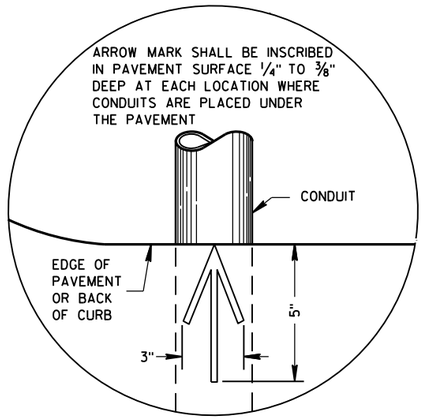
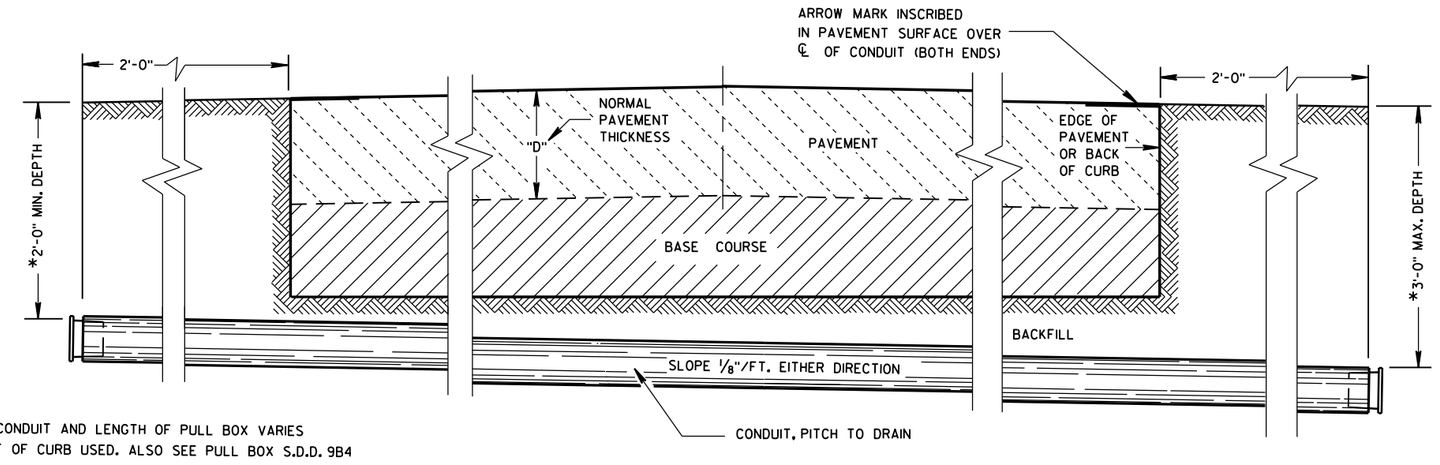
SDD 09A01 - 14b



PLAN VIEW

ARROW MARK



*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

SIDE ELEVATION

DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

TRACER WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.

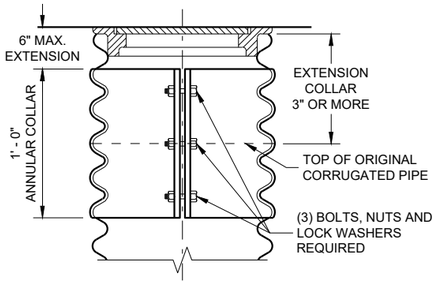
CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

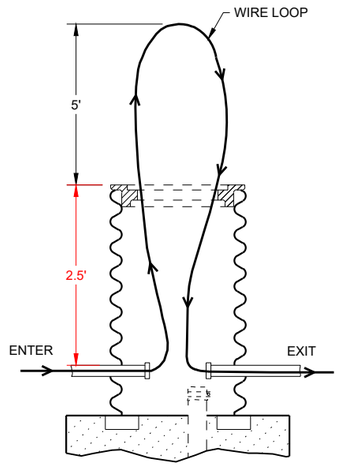
APPROVED
March, 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

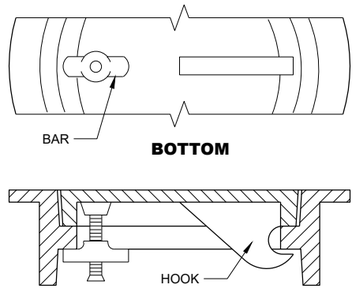
S.D.D. 9 B 2-10



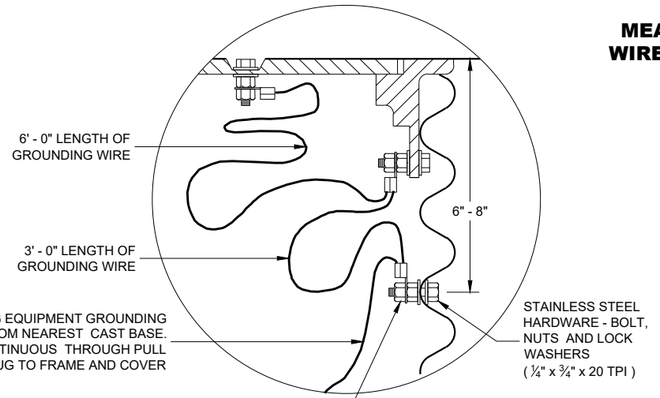
CORRUGATED PIPE EXTENDER



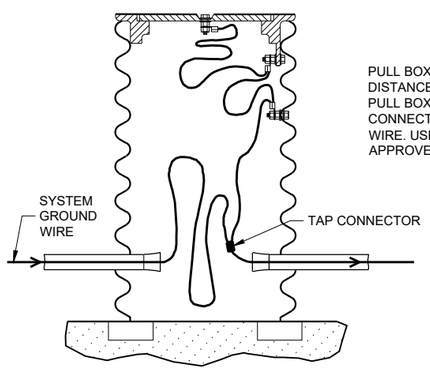
MEASUREMENT DETAIL FOR WIRE/CABLE IN THE PULL BOX



ALTERNATE COVER (LOCKING)
TIGHTENING BAR TYPE

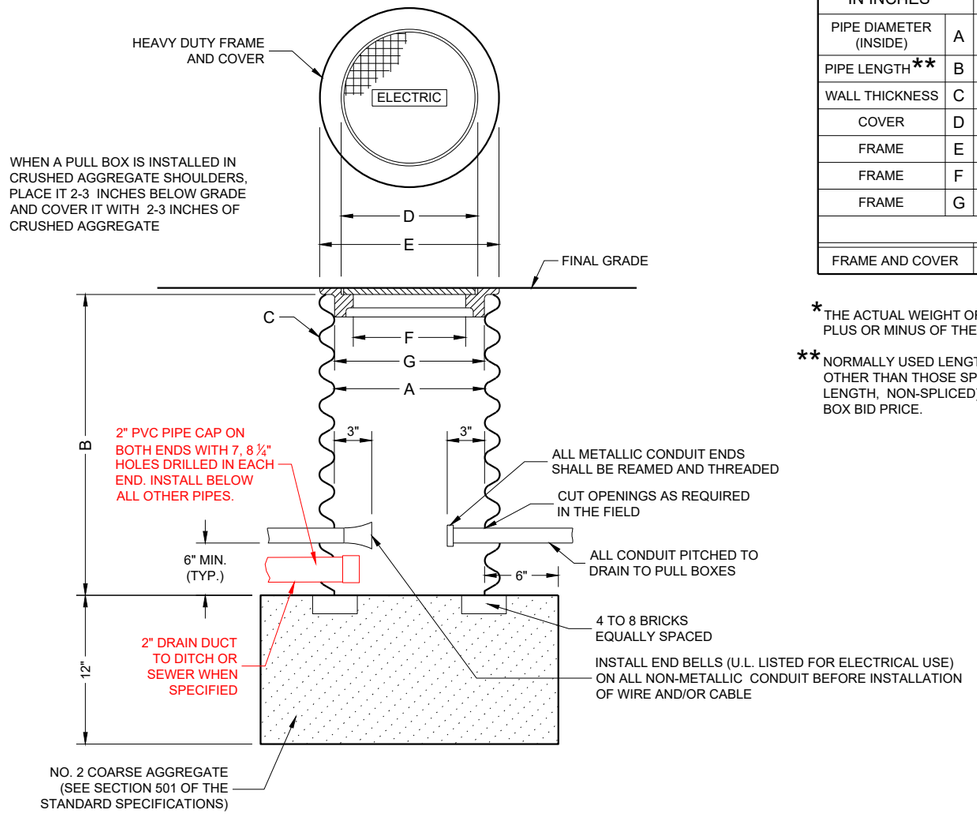


EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES



PULL BOX TO NEAREST BASE DISTANCE MORE THAN 20 FEET. PULL BOX GROUND WIRE SHALL CONNECT AT SYSTEM GROUNDING WIRE. USE DEPARTMENT APPROVED TAP CONNECTOR.

EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES



PULL BOX

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL FRAMES AND COVERS SHALL BE HEAVY DUTY TYPE, SUITABLE FOR VEHICULAR TRAFFIC LOADS.

PULL BOXES LOCATED IN THE ROADWAYS SHALL HAVE LOCKING COVERS.

ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN ¼".

THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

GROUNDING LUGS (MECHANICAL CONNECTORS) SHALL BE U.L. LISTED AND APPROVED FOR USE WITH COPPER WIRE.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

WHEN PULL BOXES ARE INSTALLED FOR FUTURE USE, DO NOT INSTALL THE EQUIPMENT GROUNDING LUG. THE EQUIPMENT GROUNDING LUG, THE EQUIPMENT GROUNDING ELECTRODE AND THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE REQUIRED AND INSTALLED UNDER A FUTURE WIRING CONTRACT.

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

DIMENSION IN INCHES		CORRUGATED STEEL PIPE								
PIPE DIAMETER (INSIDE)	A	12	12	12	18	18	18	24	24	24
PIPE LENGTH**	B	24	30	36	24	30	36	36	42	48
WALL THICKNESS	C	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064
COVER	D	10 ¼	10 ¼	10 ¼	16 ¼	16 ¼	16 ¼	22 ¼	22 ¼	22 ¼
FRAME	E	14 ½	14 ½	14 ½	20 ½	20 ½	20 ½	26 ½	26 ½	26 ½
FRAME	F	8 ½	8 ½	8 ½	14 ½	14 ½	14 ½	20 ½	20 ½	20 ½
FRAME	G	11 ½	11 ½	11 ½	17 ½	17 ½	17 ½	23 ½	23 ½	23 ½
WEIGHT IN POUNDS*										
FRAME AND COVER		60	60	60	110	110	110	155	155	155

*THE ACTUAL WEIGHT OF THE MANHOLE FRAME AND COVER MAY VARY WITHIN 5 PERCENT PLUS OR MINUS OF THE WEIGHTS SHOWN.

**NORMALLY USED LENGTHS. THE PROJECT ENGINEER SHALL DETERMINE IF PIPE LENGTHS, OTHER THAN THOSE SPECIFIED, SHALL BE USED, TO A MAXIMUM OF 48" (CONTINUOUS LENGTH, NON-SPLICED). THE ADDITIONAL LENGTH SHALL BE INCIDENTAL TO THE PULL BOX BID PRICE.

PULL BOX

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 303

FHWA

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SDD 09B04 -12

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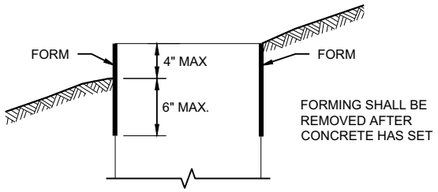
SDD 09B04 -12

FORM DEPTH SHALL BE NO MORE THAN 6" BELOW GRADE ON THE LOWER SIDE OF BASE



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5 & 6
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWINGSHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FRO FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 2, TYPE 5 AND TYPE 6 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER ALL BASE TYPES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

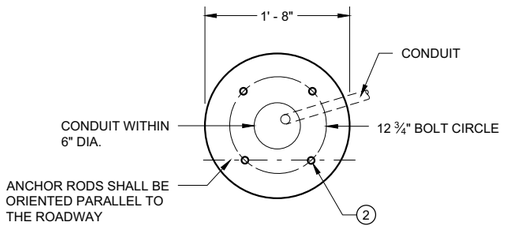
WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

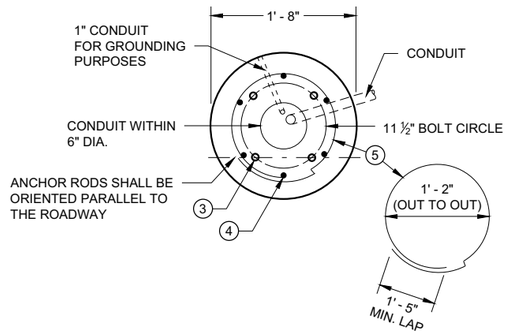
WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4 INCH"L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND SHALL NOT BE THREADED.

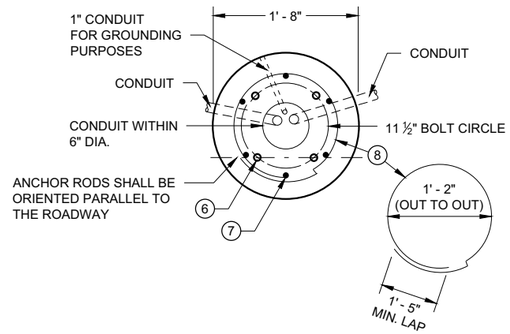
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).







1 THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

2 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

3 (4) 1" DIA. X 5' - 0" ANCHOR RODS.

4 (6) NO. 6 X 6' - 8" BAR STEEL REINFORCEMENT.

5 (7) NO. 4 X 5' - 1" BAR STEEL REINFORCEMENT @ 1' - 0" C - C.

6 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

7 (6) NO. 4 X 4' - 8" BAR STEEL REINFORCEMENT.

8 (5) NO. 4 X 5' - 1" BAR STELL REINFORCEMENT @ 1' - 0" C -C.

9 EXOTHERMIC CONNECTION TO EUIPMENT GROUNDING CONDUCTOR

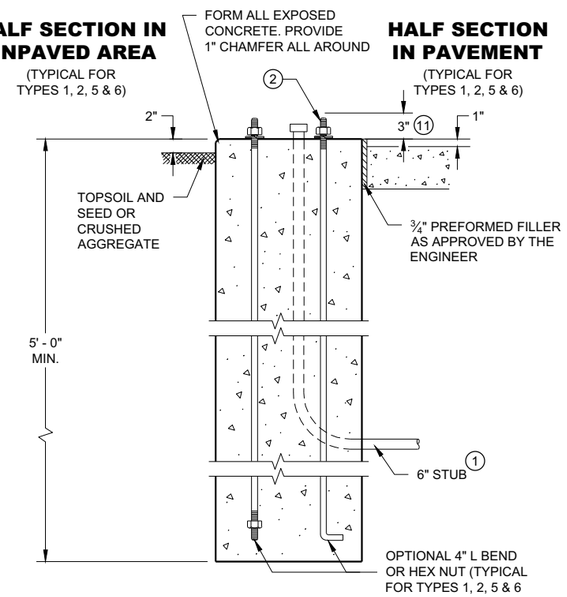
10 ⅝" DIA. X 8' -0" COPPERCLAD EQUIPMENT GROUNDING ELECTRODE REQUIRED

11 ANY ANCHOR ROD PROJECTION SHORTER THAN 2 ¾" OR LONGER THAN 3 ¼" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

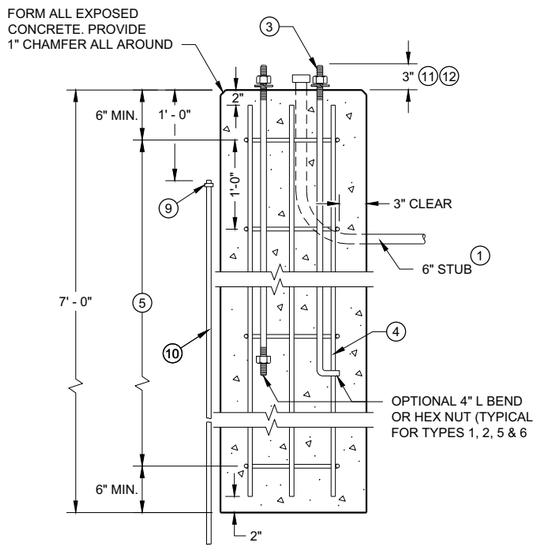
12 FOR NON - BREAKAWAY INSTALLATIONS, 4 ½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

HALF SECTION IN UNPAVED AREA
(TYPICAL FOR TYPES 1, 2, 5 & 6)

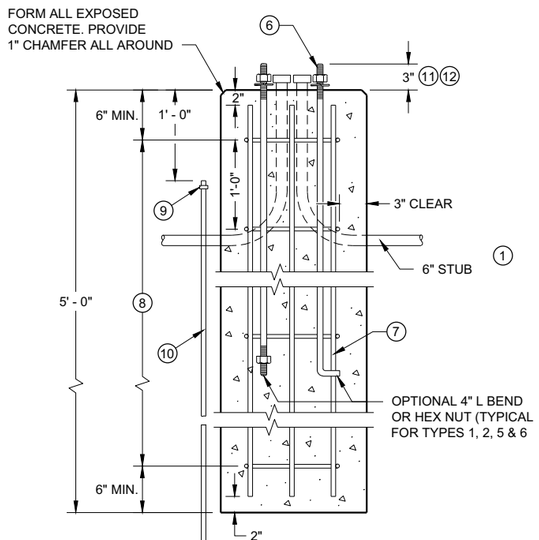
HALF SECTION IN PAVEMENT
(TYPICAL FOR TYPES 1, 2, 5 & 6)



TYPE 1



TYPE 2



TYPE 5 & 6

CONCRETE BASES

CONCRETE BASES TYPES 1, 2, 5, & 6

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGI
304

FHWA

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

FOUR (4) BOLTS SHALL BE FURNISHED WITH EACH TRANSFORMER BASE. BOLTS SHALL BE 1" DIAMETER, 4" IN LENGTH, WITH WASHERS, LOCK WASHERS AND NUTS. BOLTS, NUTS AND WASHERS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATIONS.

LEVELING SHIMS, IF NEEDED, SHALL BE DESIGNED FOR THE PURPOSE AND USED UNDER CAST BASES WHEN PLUMBING POLES OR STANDARDS DURING INSTALLATION. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE.

SHIM LENGTH SHALL BE LONG ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.

DOUBLE NUTTING IS NOT ACCEPTABLE FOR LEVELING OR MOUNTING PURPOSES.

A NEMA APPROVED, U.L. LISTED, COPPER WITH BRASS OR STAINLESS STEEL SET SCREW, DIRECT BURY RATED, MECHANICAL CONNECTOR (LUG), SIZED TO ACCEPT AWG. #10 TO #4 COPPER STRANDED WIRE SHALL BE FURNISHED AND INSTALLED IN THE PEDESTAL AND TRANSFORMER BASES.

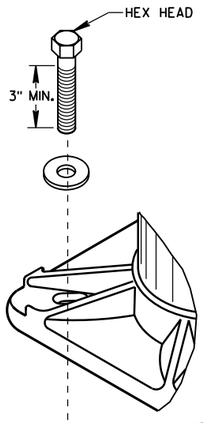
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

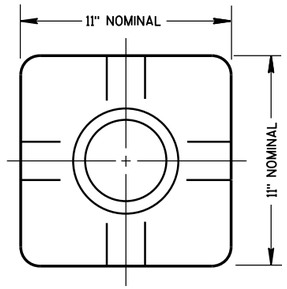
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

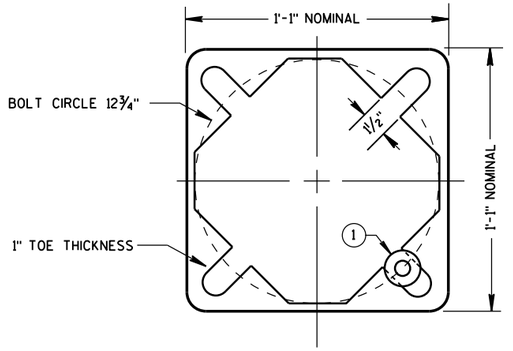
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

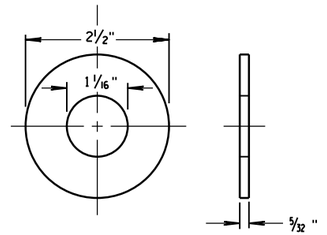




TOP VIEW
(PEDESTAL BASE)

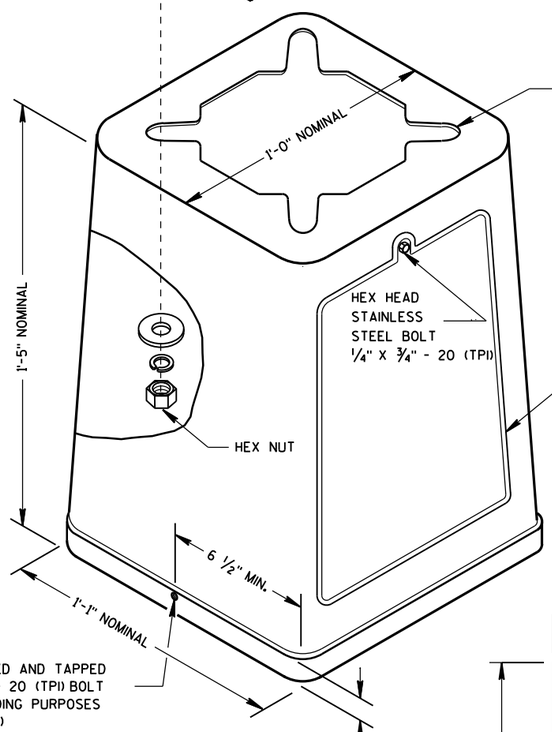


BOTTOM VIEW
(PEDESTAL BASE)

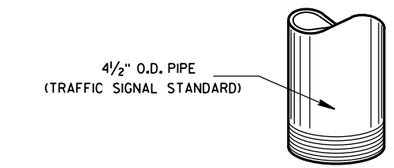


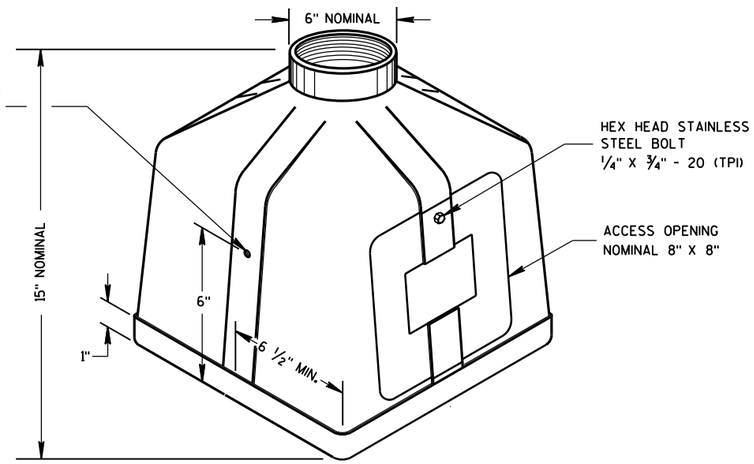
ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

PEDESTAL BASE WASHER (1)

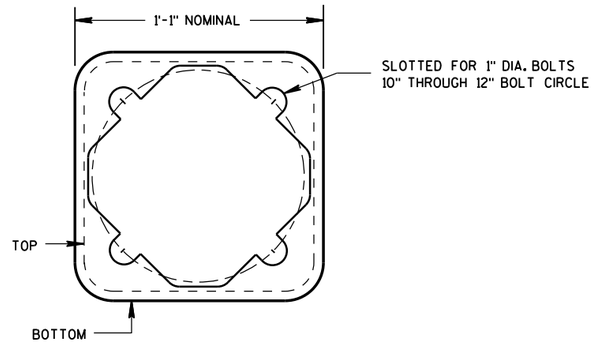


ISOMETRIC VIEW

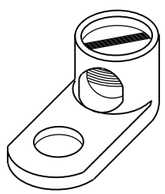




ISOMETRIC VIEW
PEDESTAL BASE



BOTTOM VIEW
(TRANSFORMER BASE)

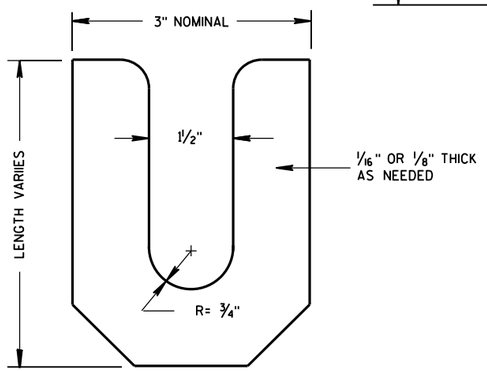


TYPICAL MECHANICAL CONNECTOR LUG

TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE

INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES



LEVELING SHIM

TRANSFORMER/PEDESTAL BASES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

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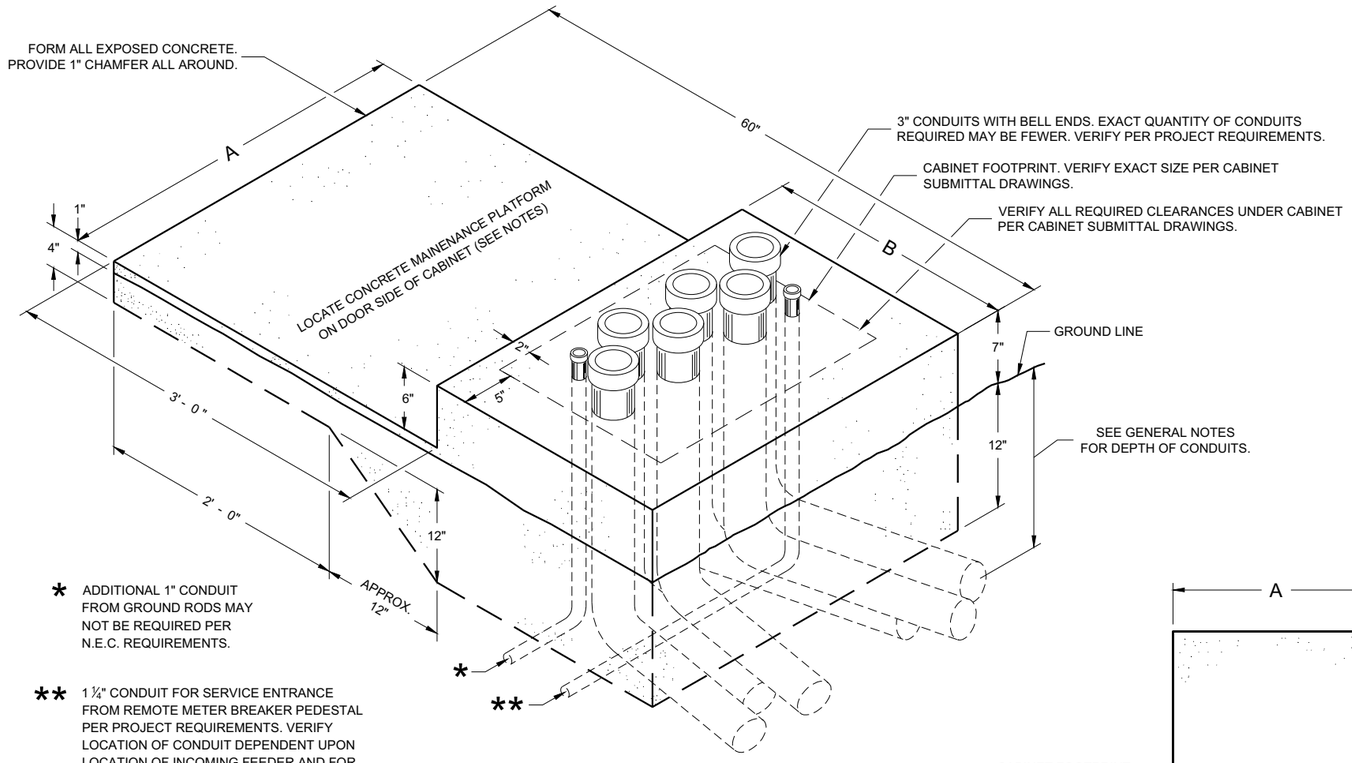
S.D.D. 9 C 3-4



* ADDITIONAL 1" CONDUIT FROM GROUND RODS MAY NOT BE REQUIRED PER N.E.C. REQUIREMENTS.

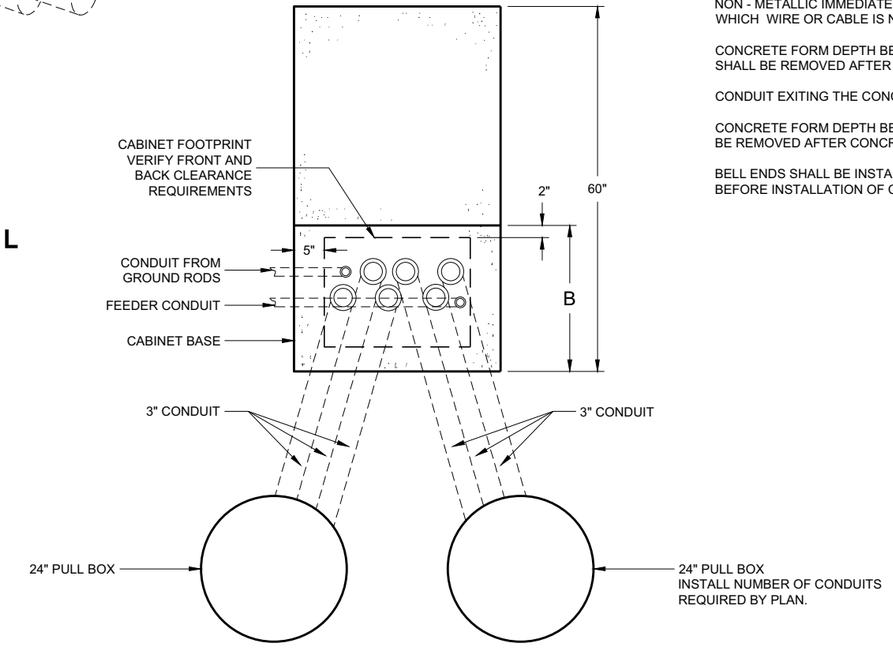
** 1 ¼" CONDUIT FOR SERVICE ENTRANCE FROM REMOTE METER BREAKER PEDESTAL PER PROJECT REQUIREMENTS. VERIFY LOCATION OF CONDUIT DEPENDENT UPON LOCATION OF INCOMING FEEDER AND FOR EASE OF CONNECTION TO LOAD CENTER.

ISOMETRIC VIEW

CONCRETE CONTROL CABINET BASE, TYPE L

(C.Y. CONCRETE = APPROX. 0.4)

CONCRETE BASE TYPE	CABINET WIDTH	DIMENSIONS		MAXIMUM 3" CONDUITS
		A	B	
L24	24"	34"	24"	4
L30	30"	40"	24"	6



PLAN VIEW

CONCRETE CONTROL CABINET BASE, TYPE L

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

INSTALL FOUR STAINLESS STEEL APPROVED CONCRETE MASONRY ANCHORS TO ANCHOR THE CABINET BASES. THE ANCHORS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.

WHEN REQUIRED TO CONNECT NON - METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U. L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

LOCATIONS SHALL BE AS SHOWN ON THE PLANS UNLESS DETERMINED BY THE ENGINEER IN THE FIELD.

CONTROL CABINET BASE TOP SURFACE SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

MAINTENANCE PLATFORM SHALL BE FLOAT OR BROOM FINISHED AND LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT EQUALS 6 TIMES THE DIAMETER.

ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

PLUG ALL BELOW GRADE NON - METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON - METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6 INCHES MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

CONDUIT EXITING THE CONCRETE BASE SHALL TERMINATE IN PULL BOXES AS SHOWN ON THE PLANS.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6 INCH MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

CONCRETE CONTROL CABINET BASE, TYPE L

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 306

FHWA

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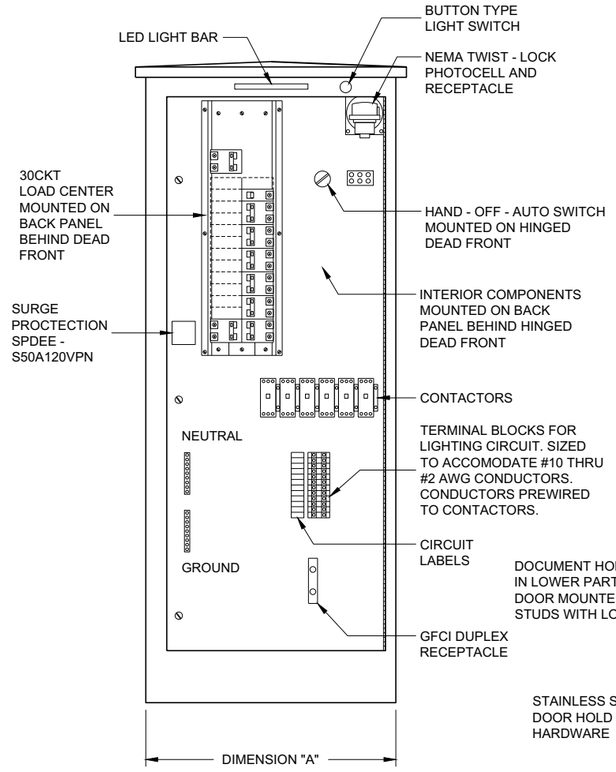
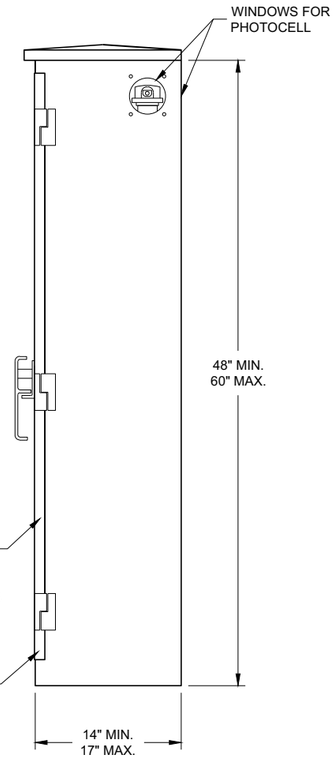
SDD 09C14 - 03

FRONT INTERIOR ELEVATION



SIDE VIEW



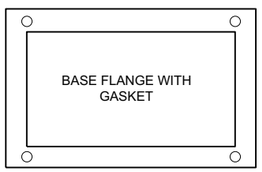
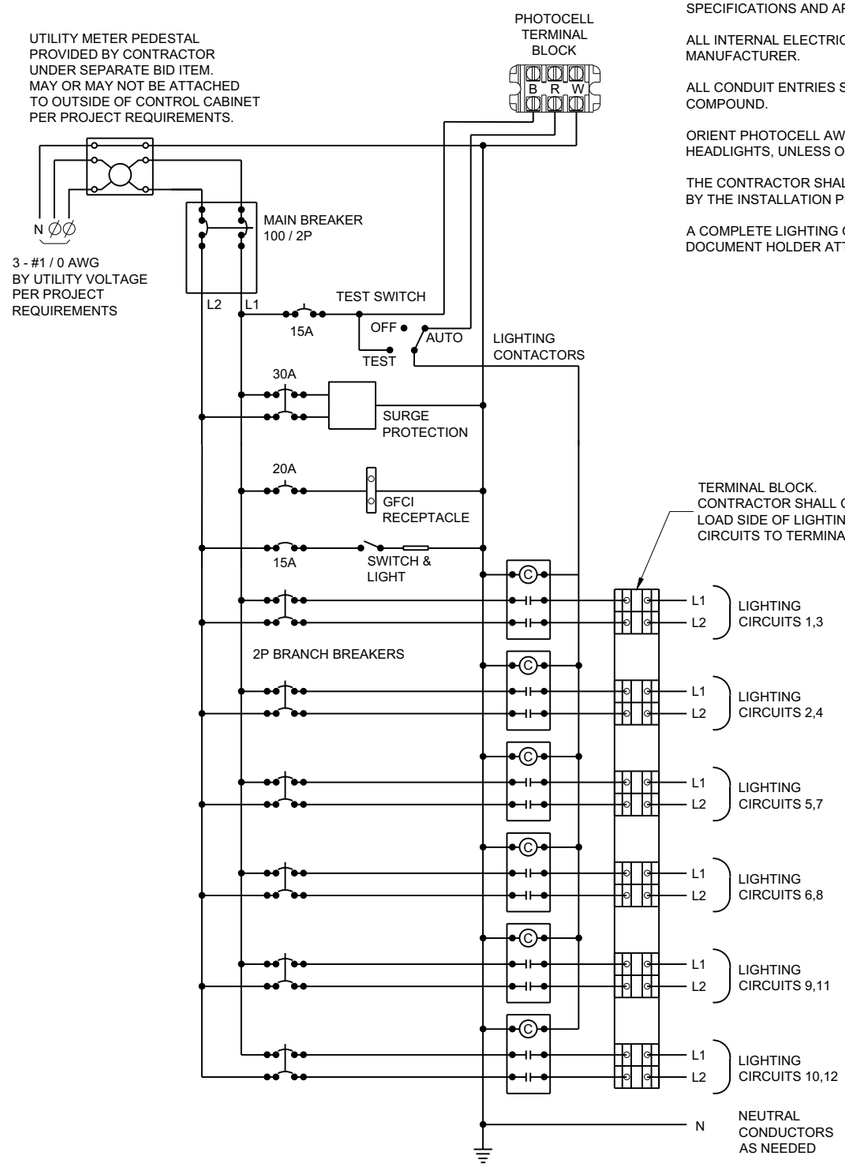


TABLE OF DIMENSIONS (INCHES)		
CONCRETE BASE TYPE	CABINET WIDTH	DIMENSION "A"
L24	24"	24"
L30	30"	30"

LIGHTING CONTROL CABINET



CONTROL CABINET SCHEMATIC

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

ALL INTERNAL ELECTRICAL COMPONENTS WILL BE PRE - WIRED BY THE CABINENT MANUFACTURER.

ALL CONDUIT ENTRIES SHALL BE SEALED WITH AN APPROPRIATE DUCT SEALING COMPOUND.

ORIENT PHOTOCELL AWAY FROM AMBIENT LIGHT SOURCES AND ONCOMING TRAFFIC HEADLIGHTS, UNLESS OTHERWISE CALLED FOR IN THE SPECIAL PROVISION.

THE CONTRACTOR SHALL TOUCH UP ANY DAMAGE TO THE ANODIZED FINISH CAUSED BY THE INSTALLATION PROCESS. COLOR MATCH PAINT SHALL BE USED.

A COMPLETE LIGHTING OR ELECTRICAL PLAN SHALL BE SECURELY PLACED IN THE DOCUMENT HOLDER ATTACHED TO THE DOOR.

LIGHTING CONTROL CABINET
120 / 240 VOLT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 307

FHWA

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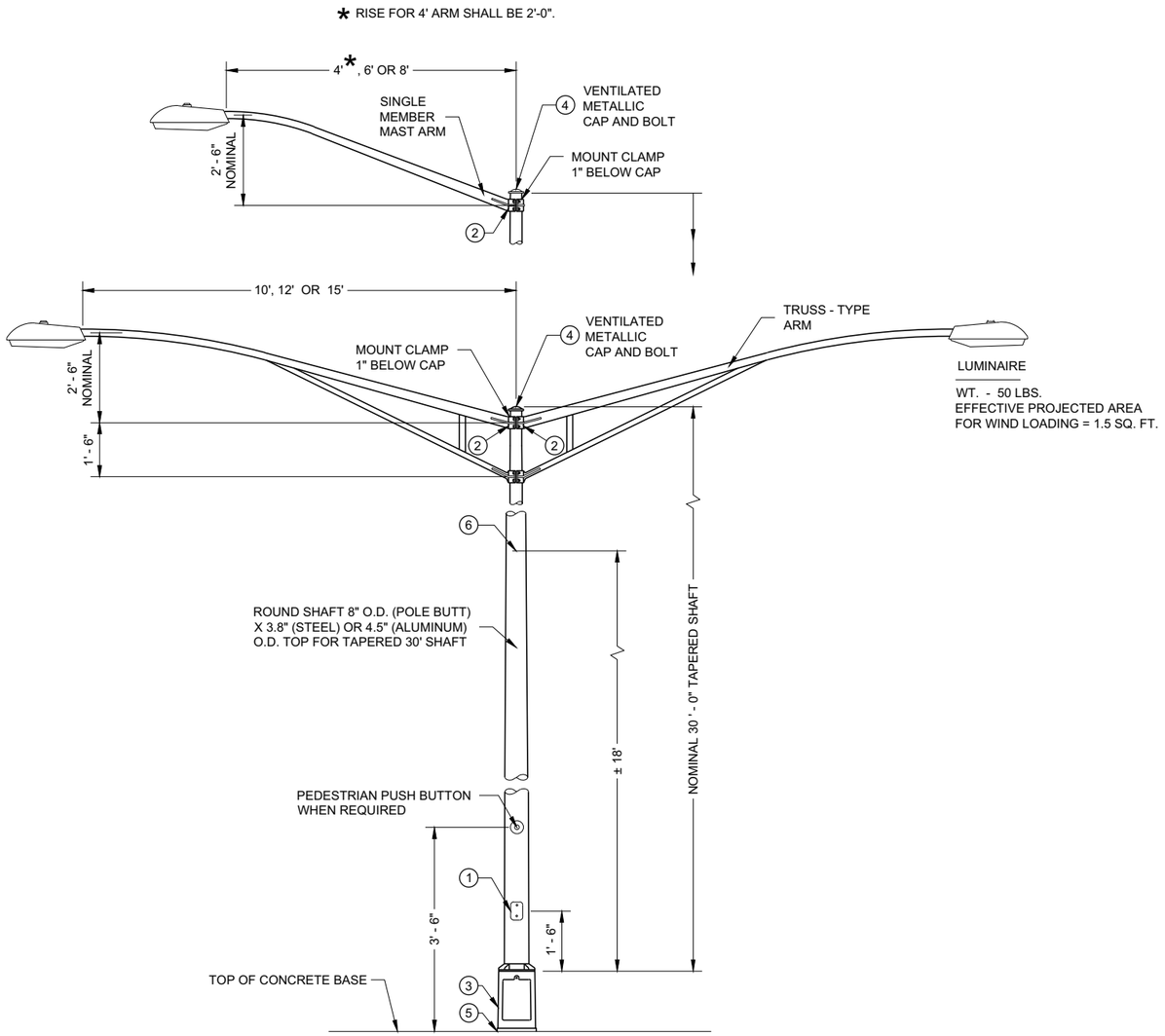
SDD 09D04 - 03



TYPE 5 POLE MOUNTING CONFIGURATION
(MAXIMUM LOAD)
LIGHTING ONLY

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

ALL TYPE 5 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL OR ALUMINUM, AS CALLED FOR IN THE CONTRACT.

TYPE 5 ALUMINUM POLES SHALL BE CONSTRUCTED OF 6063 - T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

TYPE 5 ALUMINUM POLES SHALL HAVE A MINIMUM WALL THICKNESS OF 0.1888".

TYPE 5 STEEL POLES SHALL HAVE A MINIMUM WALL THICKNESS OF U.S. STANDARD 11 GAGE (0.1196").

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 2 ⅜ INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, WIRE CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

(1) 4" X 6" REINFORCED HANDHOLE AND COVER ASSEMBLY WITH TWO (2) ¼" X ¾" - 20 TPI , STAINLESS STEEL, HEX HEAD BOLTS.

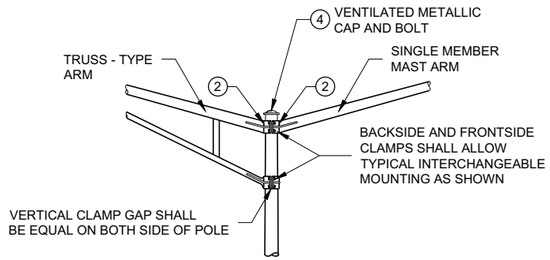
(2) GROMMETS. 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1 ⅜" HOLE IN POLE SHAFT FOR WIRING.

(3) CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED.

(4) FURNISH AND INSTALL VENTILATED, CAST METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(5) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND POLE.

(6) INTERNAL DUMBBELL - TYPE VIBRATION DAMPER.



INTERCHANGEABLE MOUNTING DETAIL

POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 5 (30 FEET)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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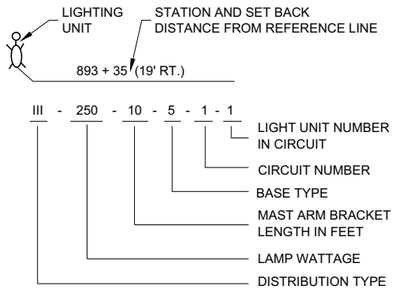
SDD 09E01 - 15d

GENERAL NOTES

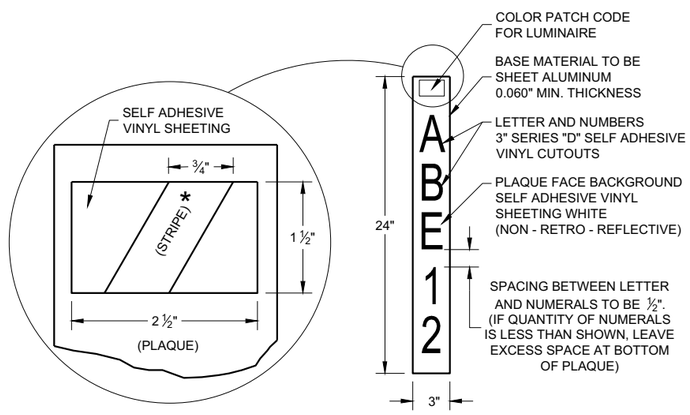
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EQUIPMENT GROUND CONNECTOR SHALL BE TAPED WITH 3 WRAPS (MINIMUM) OF APPROVED RUBBER TAPE AND 3 WRAPS (MINIMUM) OF APPROVED VINYL TAPE TO COVER SHARP WIRE ENDS AFTER THE CONNECTION IS COMPLETED.

WHEN TRANSFORMER BASES ARE USED, ALL WIRING CONNECTIONS SHALL OCCUR WITHIN THE TRANSFORMER BASES.



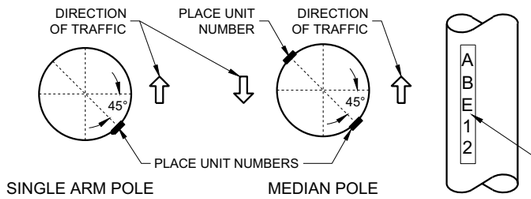
LIGHTING UNIT CODE
(TYPICAL)



COLOR PATCH CODE FOR LUMINAIRES

(HIGH PRESSURE SODIUM)	(MERCURY VAPOR)
1000 WATT - NO PATCH	400 WATT - NO PATCH
400 WATT - ORANGE	250 WATT - YELLOW
310 WATT - BLUE	
250 WATT - ORANGE W / WHITE STRIPE *	
200 WATT - RED	
150 WATT - GREEN	
100 WATT - BROWN	

IDENTIFICATION PLAQUE



NOTES

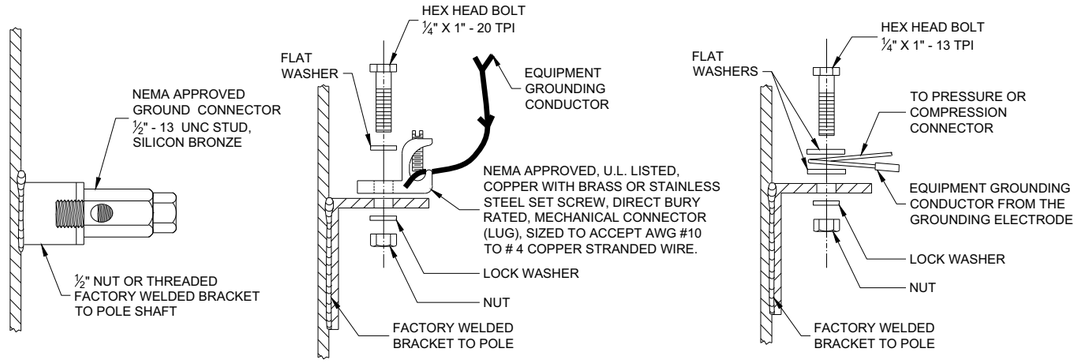
1) PLACE BOTTOM OF UNIT NUMBER PLAQUE 5'-0" ABOVE ELEVATION OF ADJACENT CURB OR SHOULDER.

2) UNIT NUMBER: ONE REQUIRED FOR SINGLE ARM POLES. TWO REQUIRED FOR MEDIAN MOUNT POLES.

FASTEN TOP, CENTER AND BOTTOM OF PLAQUE WITH 3 ALUMINUM POP RIVETS (ALUMINUM POLES) OR STAINLESS STEEL POP RIVETS (STEEL POLES).

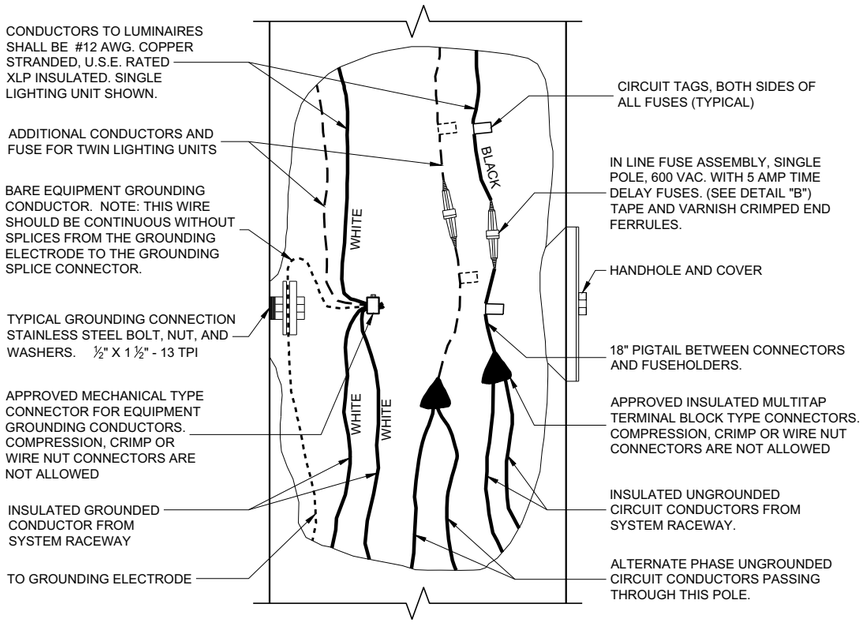
LIGHTING UNIT IDENTIFICATION PLAQUE REQUIREMENTS AND PLACEMENT
(TYPICAL, ALL LIGHTING UNITS)

FURNISH PLAQUE WHEN CALLED FOR BY SPECIAL PROVISIONS

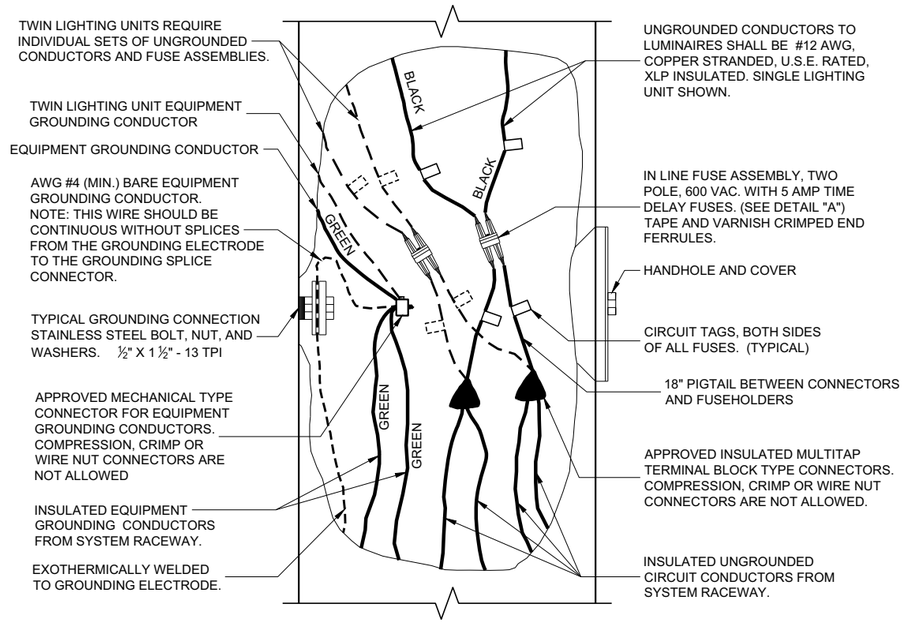


TYPICAL GROUNDING CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL

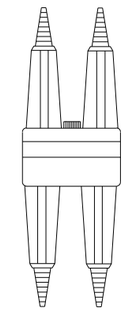
OLD EXISTING FREEWAY WIRING (SOME AREAS)



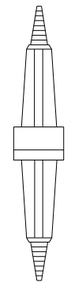
2 WIRE - 120, 240, OR 480 VAC TO GROUND



2 WIRE - 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH EQUIPMENT GROUNDING CONDUCTOR



DETAIL "A"
BREAKAWAY DOUBLE POLE WITH WATERPROOF INSULATING BOOT



DETAIL "B"
BREAKAWAY SINGLE POLE WITH WATERPROOF INSULATING BOOT

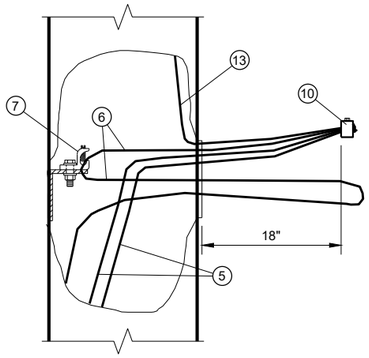
FREEWAY LIGHTING UNIT POLE WIRING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

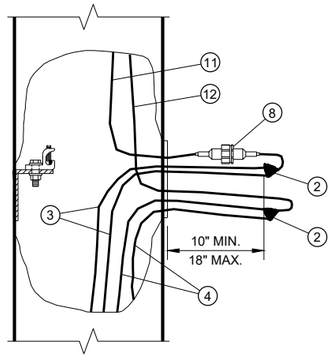
APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 309

FHWA

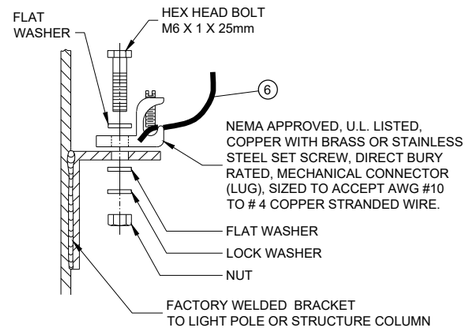


EQUIPMENT GROUNDING CONDUCTOR SLACK



UNGROUNDED CONDUCTOR SLACK (AND GROUNDED NEUTRAL SLACK IN GROUNDED NEUTRAL SYSTEM)

TYPICAL CONDUCTOR SLACK AT HANDHOLES



HANDHOLE GROUNDING LUG

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN IN THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

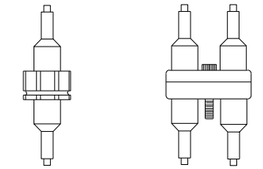
USE THIS DETAIL IN CONJUNCTION WITH THE ELECTRICAL DETAILS FOR THE APPLICATION, WHICH MAY BE A LIGHT POLE, SIGN BRIDGE, ETC.

THE GROUNDING ELECTRODE CONDUCTOR SHALL BE CONTINUOUS WITHOUT SPLICES FROM THE GROUNDING ELECTRODE THROUGH THE HANDHOLE GROUNDING LUG TO THE CONNECTOR.

THREE POLE WIRES ARE SHOWN FOR A SINGLE LUMINAIRE LIGHT POLE. THREE ADDITIONAL POLE WIRES REQUIRED FOR TWIN LUMINAIRE LIGHT POLES ARE OMITTED FROM THE DRAWING FOR CLARITY. IN THE TWIN POLE CASE, BUNDLE EACH SET OF THREE WIRES WITH A NYLON CABLE TIE.

IN 3-PHASE SYSTEMS, THERE WILL BE ONE MORE UNGROUNDED LINE WIRE, WHICH IS OMITTED FROM THE DRAWING FOR CLARITY.

CIRCUIT TAGS SHALL BE INSTALLED ONLY WHERE REQUIRED IN THE SPECIAL PROVISIONS.



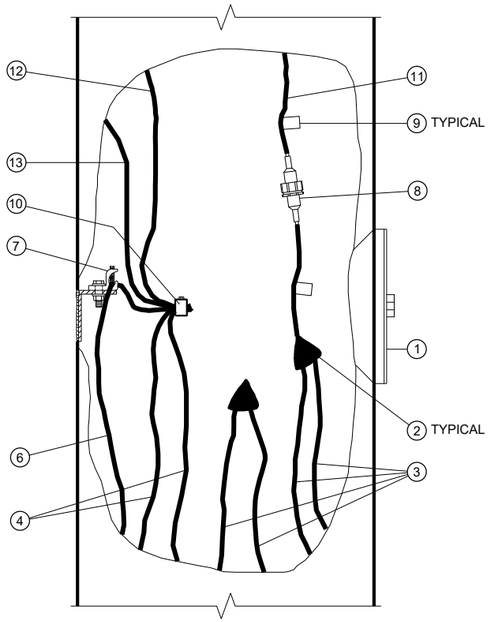
1 POLE (1P) 2 POLE (2P)

FUSE ASSEMBLIES

CONDUCTOR COLOR CODES

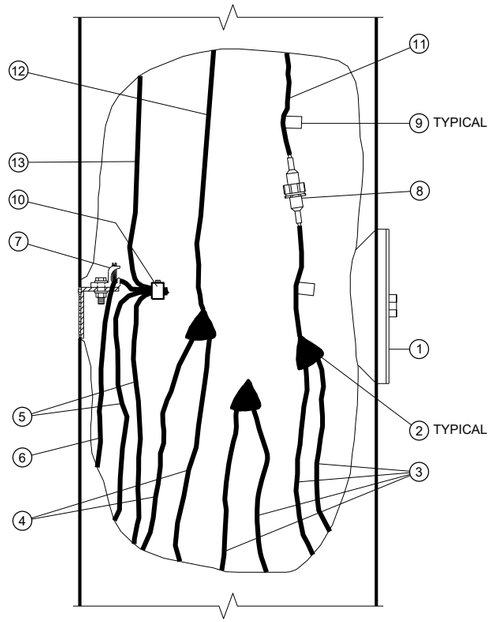
KEY	CONDUCTOR	COLOR
3	UNGROUNDED LINE WIRE	*
4	GROUNDED LINE WIRE	WHITE
5	SYSTEM GROUNDING LINE WIRE	GREEN
6	GROUNDING ELECTRODE CONDUCTOR	BARE
11	UNGROUNDED POLE WIRE	*
12	GROUNDED POLE WIRE	WHITE
13	EQUIPMENT GROUNDING POLE WIRE	GREEN

* FOLLOW COLOR CODING SHOWN IN THE PLANS. WHERE THE PLANS DO NOT SHOW COLOR CODING, USE BLACK FOR SINGLE LUMINAIRE POLES; BLACK AND RED FOR TWIN LUMINAIRE POLES.



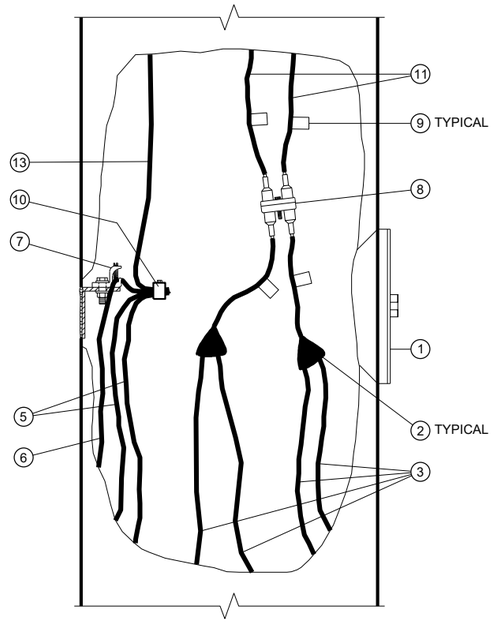
CUTAWAY HANDHOLE DETAIL

GROUNDED NEUTRAL SYSTEMS
1-ϕ



CUTAWAY HANDHOLE DETAIL

ISOLATED NEUTRAL SYSTEMS
1-ϕ SHOWN; 3-ϕ WYE SIMILAR
(SEE GENERAL NOTE)



CUTAWAY HANDHOLE DETAIL

PHASE TO PHASE SYSTEMS
1-ϕ SHOWN; 3-ϕ DELTA SIMILAR
(SEE GENERAL NOTE)

NOTE: REQUIRED CONDUCTOR SLACK NOT SHOWN ON "CUTAWAY HAND HOLE" DETAILS FOR DRAWING CLARITY, SEE "TYPICAL CONDUCTOR SLACK AT HANDHOLES" ON THIS SHEET.

1. HANDHOLE AND COVER
2. INSULATED SPLICE
3. UNGROUNDED LINE WIRE
4. GROUNDED LINE WIRE
5. SYSTEM GROUNDING LINE WIRE
6. GROUNDING ELECTRODE CONDUCTOR
7. HANDHOLE GROUNDING LUG
8. FUSE ASSEMBLY, 1P OR 2P AS REQUIRED
9. CIRCUIT TAG (SEE GENERAL NOTE)
10. REVERSIBLE PRESSURE OR COMPRESSION GROUNDING CONNECTOR (NOT INSULATED)
11. UNGROUNDED POLE WIRE
12. GROUNDED POLE WIRE
13. EQUIPMENT GROUNDING POLE WIRE

ELECTRICAL HANDHOLE WIRING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 310

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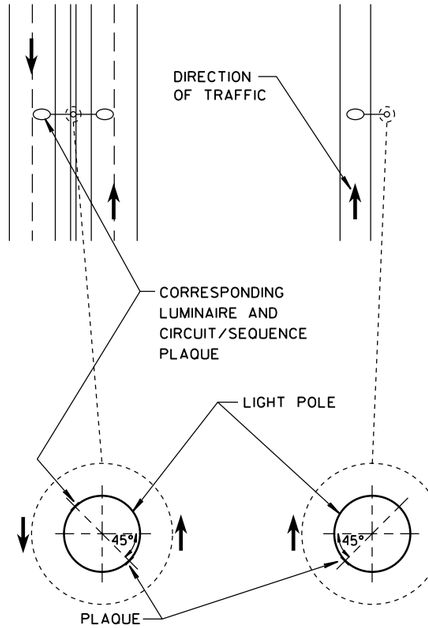
SDD 10A01 - 04



MEDIAN POLE SINGLE ARM POLE

LOCATION OF LIGHT POLE CIRCUIT/SEQUENCE PLAQUE

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN IN THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PLAQUES SHALL BE INCIDENTAL TO ALL NEW INSTALLATIONS.

WHERE SHOWN IN THE PLANS, REPLACEMENT PLAQUES WILL BE MEASURED AND PAID SEPARATELY.

FASTEN TOP, CENTER AND BOTTOM OF PLAQUE TO POLE OR OTHER LOCATION AS FOLLOWS:

GALVANIZED STEEL SHAFT - STAINLESS STEEL POP RIVETS

A588 STEEL SHAFT - SHIM FOR DRAINAGE WITH STAINLESS WASHERS; FASTEN WITH STAINLESS SELF-TAPPING SCREWS

ALUMINUM SHAFTS - ALUMINUM POP RIVETS

MOUNTING HEIGHT SHALL BE APPROXIMATELY 5.0' ABOVE CURB OR SHOULDER. ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL OBSTRUCT.

PLAQUE MATERIALS:

BASE - SHEET ALUMINUM, 0.060" THICK.

FACE - WHITE, SELF-ADHESIVE VINYL SHEETING, NON-RETRORFLECTIVE

LINES - BLACK, 1/2" WIDE, SELF-ADHESIVE

CHARACTERS - BLACK, SELF-ADHESIVE, SERIES "D", SIZE AS SHOWN

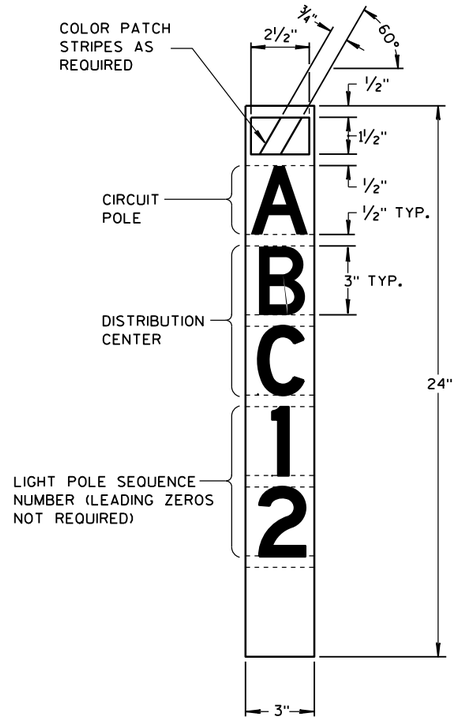
COLOR PATCHES - VARIOUS COLORS, SELF-ADHESIVE VINYL SHEETING

WITH THE APPROVAL OF THE ENGINEER, THE BASE MATERIAL MAY BE OMITTED AND THE FACE ADHERED DIRECTLY TO THE SURFACE, IN CASES SUCH AS SMOOTH, CLEAN ALUMINUM POLES.

ALTERNATIVE COMPUTER-GENERATED SIGN LETTERING MAY BE ACCEPTED IF THE ENGINEER FINDS IT TO BE EQUIVALENT.

COLOR PATCH CODE FOR HPS AND LED LUMINAIRES

HPS	LED	COLOR PATCH CODE
1000 WATT		NO PATCH
400 WATT	CATEGORY D	ORANGE
310 WATT		BLUE
250 WATT	CATEGORY C	ORANGE WITH WHITE STRIPE
200 WATT		RED
150 WATT	CATEGORY B	GREEN
100 WATT	CATEGORY A	BROWN
70 WATT	CATEGORY UDL	BROWN WITH WHITE STRIPE



LIGHT POLE CIRCUIT/SEQUENCE PLAQUE

IDENTIFICATION PLAQUES LIGHT POLES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Feb. 2015 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

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S.D.D. 10 A 2-3

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN IN THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

USE THIS DETAIL IN CONJUNCTION WITH THE DETAIL FOR ELECTRICAL HANDHOLE WIRING, SDD10A01.

USE TIME DELAY FUSE PER LUMINAIRE MANUFACTURER RECOMMENDATION.

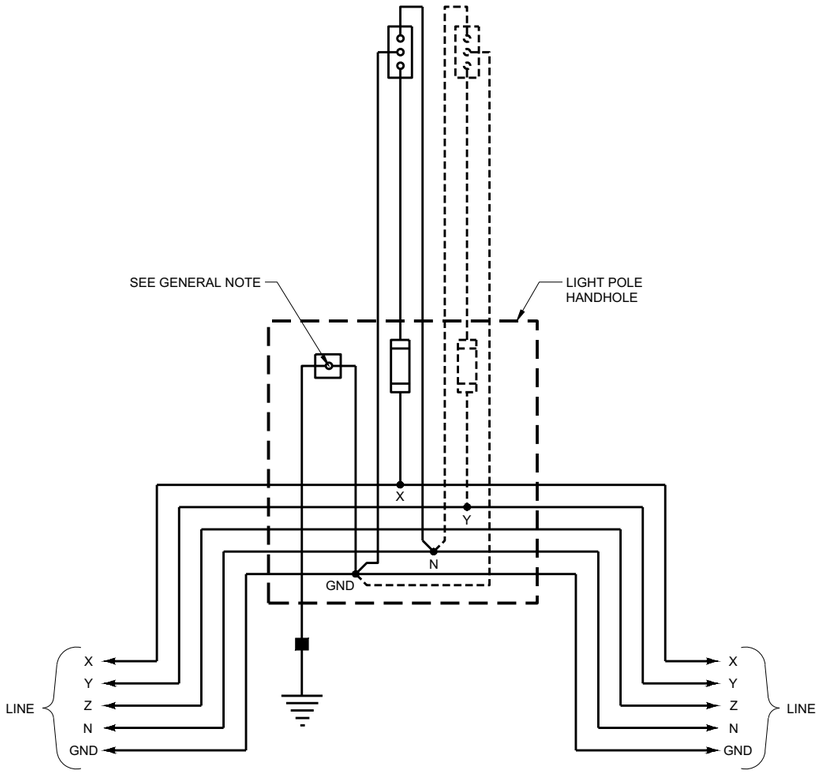
THE GROUNDING ELECTRODE CONDUCTOR SHALL BE CONTINUOUS WITHOUT SPLICES FROM THE GROUNDING ELECTRODE THROUGH THE HANDHOLD GROUNDING LUG TO THE CONNECTOR.

WIRING FOR SINGLE LUMINAIRE POLES IS SHOWN WITH SOLID LINES. WIRING FOR THE SECOND LUMINAIRE OF TWIN LUMINAIRE POLES IS SHOWN WITH DOTTED LINES.

THE PLANS WILL SHOW WHICH CIRCUIT LEG(S) ARE CONNECTED TO EACH INSTALLATION.

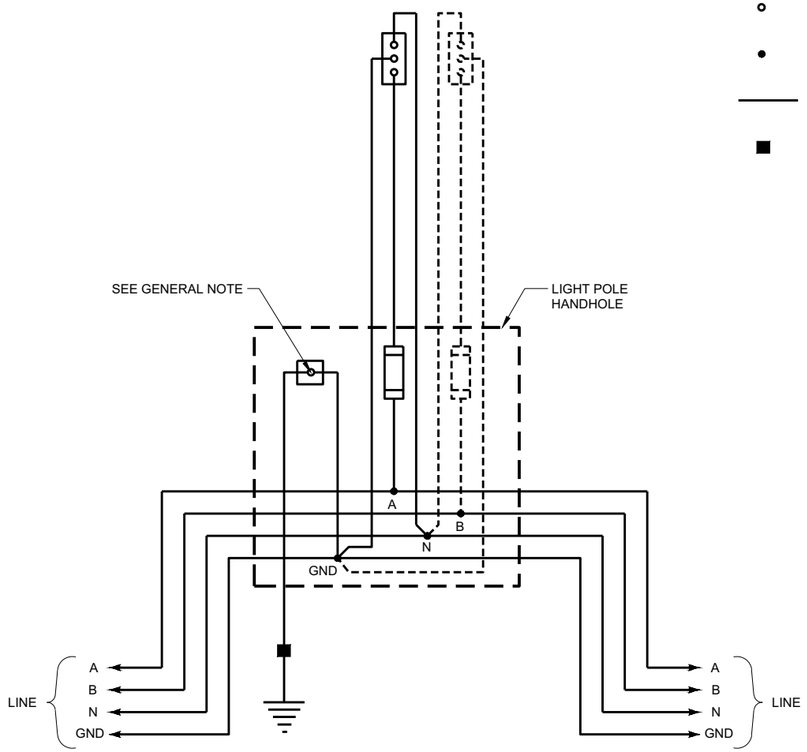
LEGEND

A,B,X,Y,Z	UNGROUNDED CIRCUIT CONDUCTORS
N	GROUNDED CIRCUIT CONDUCTORS
GND	EQUIPMENT GROUNDING CONDUCTOR
P	POLE (ELECTRICAL CIRCUIT)
ϕ	PHASE (ELECTRICAL CURRENT)
	HANDHOLE GROUND LUG
	SINGLE-POLE (1P) FUSE ASSEMBLY
	UNFUSED LUMINAIRE
	EQUIPMENT GROUNDING ELECTRODE
	TERMINAL
	SPLICE
	CONDUCTOR
	EXOTHERMIC WELD



TYPICAL WIRING DIAGRAM

ISOLATED NEUTRAL SYSTEM
3 - ϕ 208Y / 120VAC OR 480Y / 277VAC 4 WIRE



TYPICAL WIRING DIAGRAM

ISOLATED NEUTRAL SYSTEM
1 - ϕ 120 / 240VAC OR 240 / 480VAC 3 WIRE

ELECTRICAL DETAILS
GROUND MOUNT LIGHT POLES
ISOLATED NEUTRAL SYSTEM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

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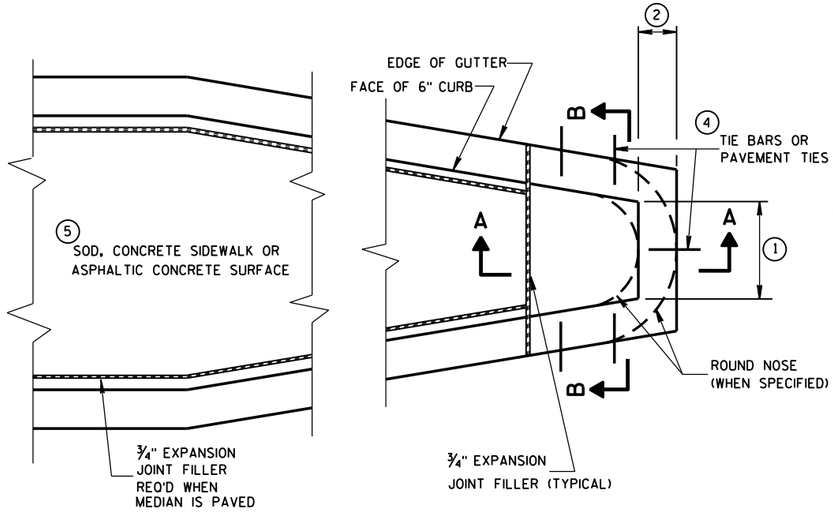
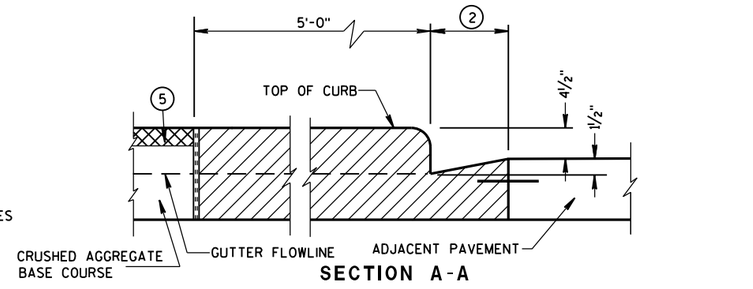
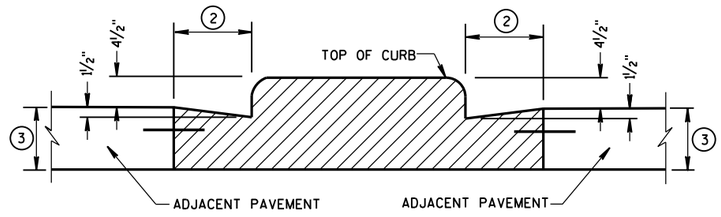






CONCRETE MEDIAN BLUNT NOSE DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

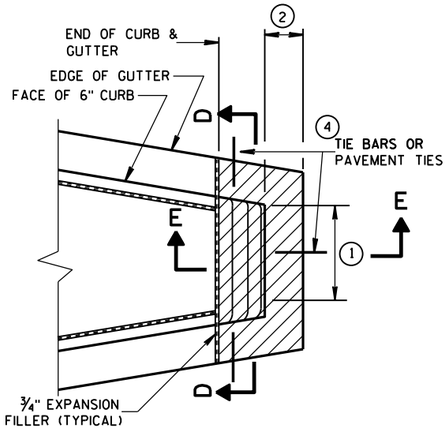
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

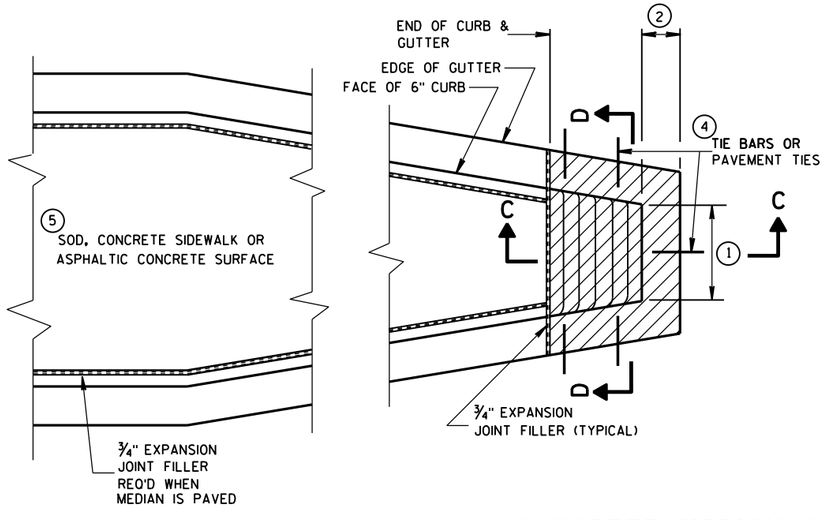
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

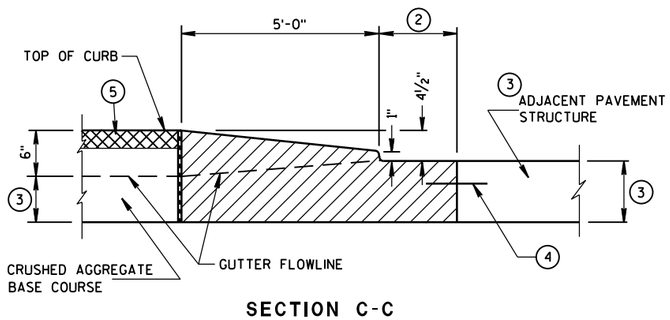
(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

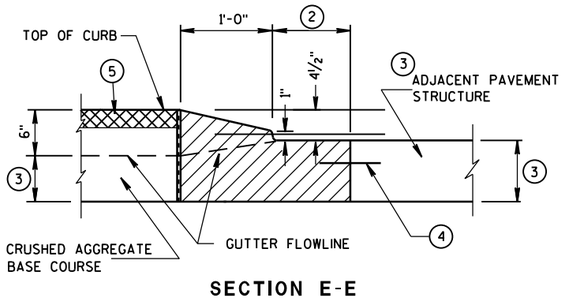
(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.







CONCRETE MEDIAN SLOPED NOSE TYPE 1



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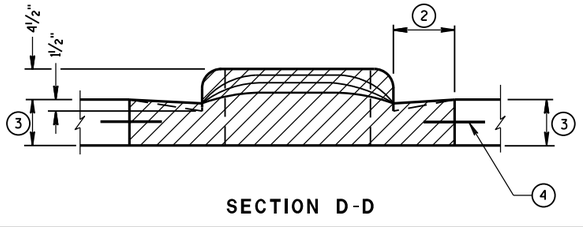

CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/8/2006 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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S.D.D. 11 B 2-2

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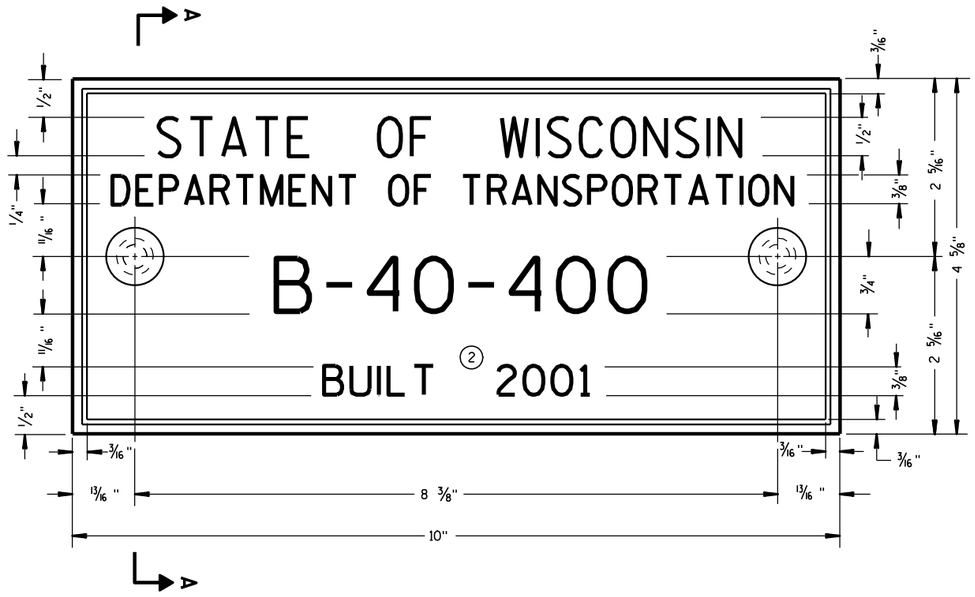
S.D.D. 11 B 2-2



TYPICAL NAME PLATE
(BRIDGES, CULVERTS, AND RETAINING WALLS)

FOR MULTI-UNIT STRUCTURES
LINE 3 ABOVE SHALL READ

B = BRIDGE
C = CULVERT
R = RETAINING WALL

COUNTY NO.

BRIDGE NO.

UNIT NO. FOR MULTIPLE UNIT BRIDGE

B-40-400-1A

NUMBERING DESIGNATION
MULTI-UNIT STRUCTURES

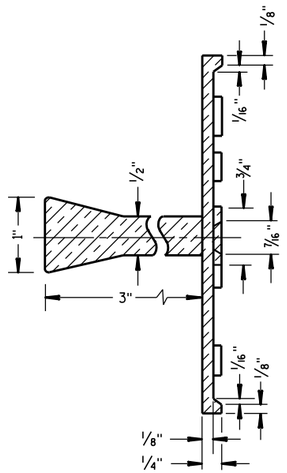
GENERAL NOTES

NAME PLATES TO BE INSTALLED ON BRIDGES, CULVERTS, AND RETAINING WALLS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS.

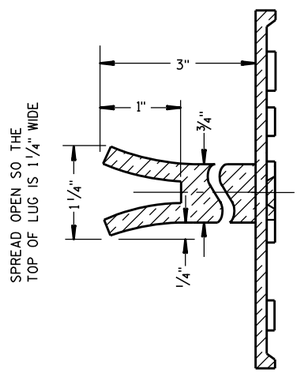
THE BRIDGE NUMBER AND YEAR BUILT SHOWN ON THIS DRAWING ARE EXAMPLES ONLY. SEE CONSTRUCTION PLANS FOR INDIVIDUAL NUMBERING AND YEAR BUILT.

(1) EPOXY RESIN SHALL BE FROM AN APPROVED MANUFACTURER AND USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

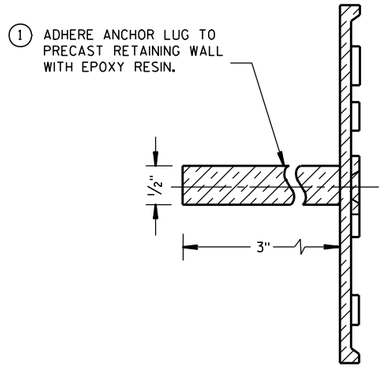
(2) REHABILITATION OF AN EXISTING STRUCTURE SHOULD USE THE DATE OF ORIGINAL STRUCTURE CONSTRUCTION.



SECTION A-A



ALTERNATE LUG



ALTERNATE LUG
(FOR ATTACHMENT TO PRECAST STRUCTURES)

NAME PLATE (STRUCTURES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

3/26/10 DATE

/S/ Scot Beck -- CHIEF STRUCTURAL DEVELOP ENGINEER

FHWA

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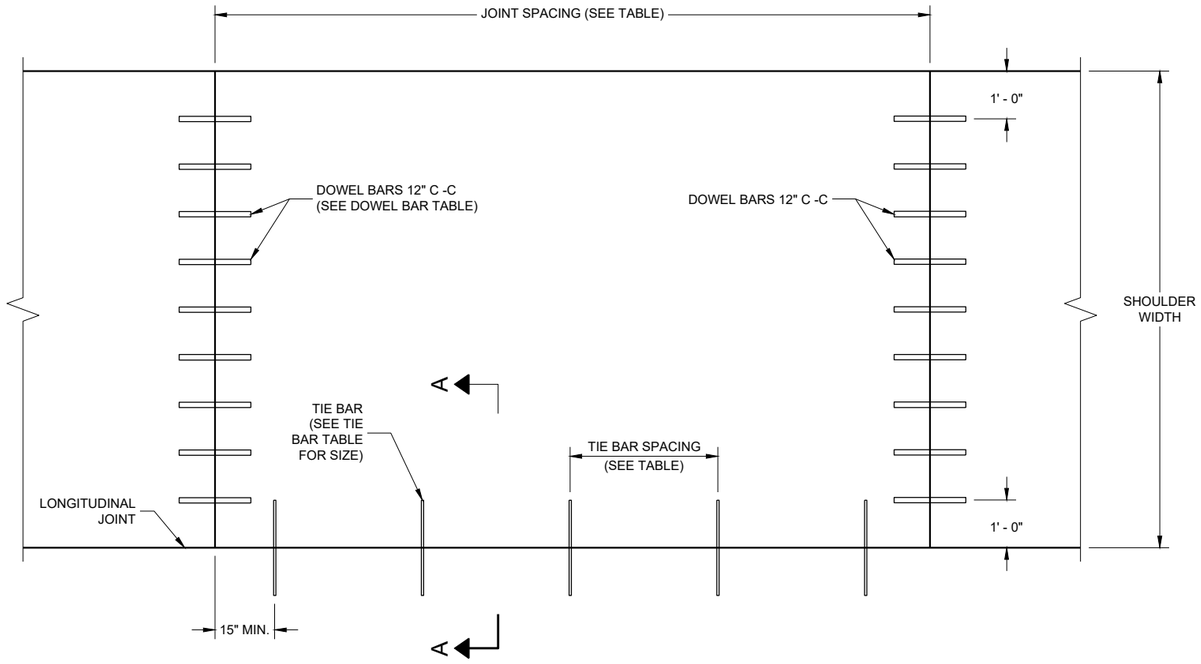
S.D.D. 12 A 3-10



PLAN VIEW

CONCRETE PAVEMENT SHOULDER

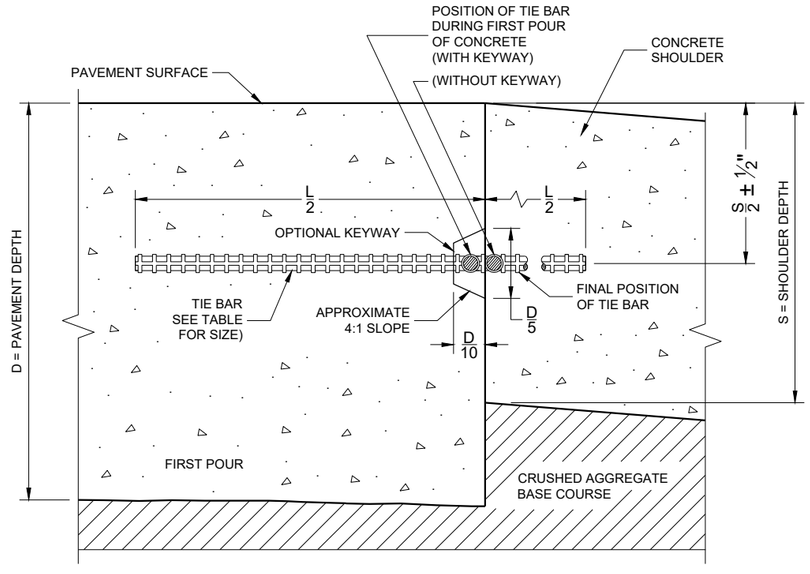
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

TRANSVERSE JOINT DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.

FINISH THE SHOULDER PAVEMENT CONFORMING TO SUBSECTION 415.3.8 OF THE STANDARD SPECIFICATIONS.

TIE BARS SHALL CONFORM TO SUBSECTION 505.2.4 OF THE STANDARD SPECIFICATIONS.



SECTION A - A

LONGITUDINAL CONSTRUCTION JOINT

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
<10 ½"	NO. 4	30"	36"
>10 ½"	NO. 5	36"	36"
	NO. 4*	30"	24"**

* SUBSTITUTE BENT BATS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES.

** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER ***	CONTRACTION JOINT SPACING
6", 6 ½"	NONE	12"
7", 7 ½"	1"	14"
8" & ABOVE	1 ¼"	15"

*** FOR DOWELED CONCRETE SHOULDERS WITH TRAPEZOIDAL CROSS SECTIONS, CHOSE THE APPROPRIATE DOWEL BAR DIAMETER BASED ON THE SMALLER PAVEMENT DEPTH (LIKELY THE OUTSIDE EDGE OF THE SHOULDER). IF USING BASKETS, USE BASKETS FRO THE AVERAGE THICKNESS OF THE CROSS SECTION.

CONCRETE PAVEMENT SHOULDERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Peter Kemp
PAVEMENT SUPERVIS

FHWA

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SDD 13A03 - 07

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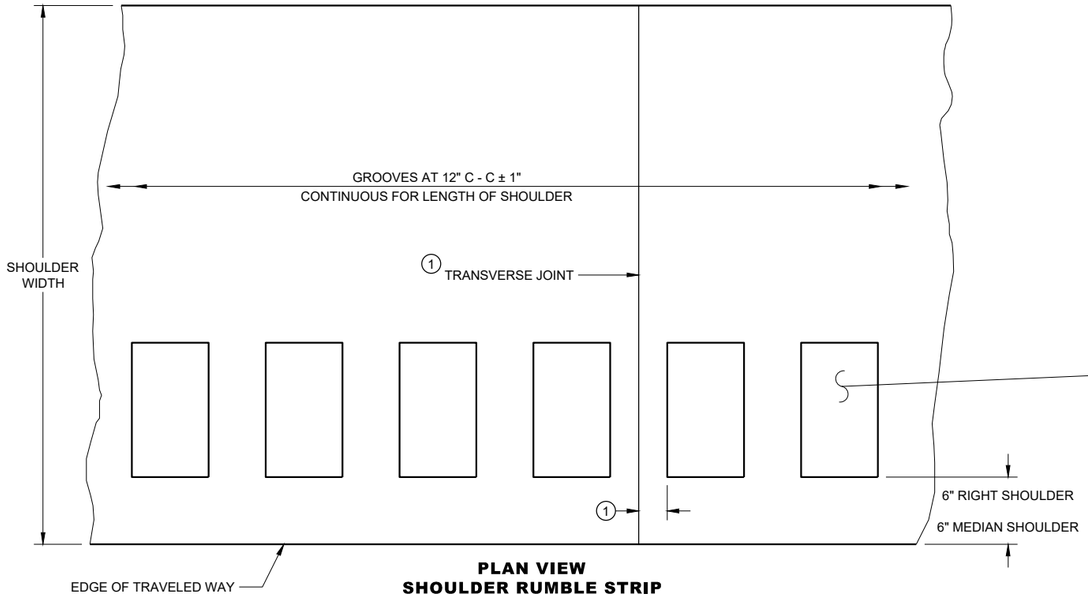
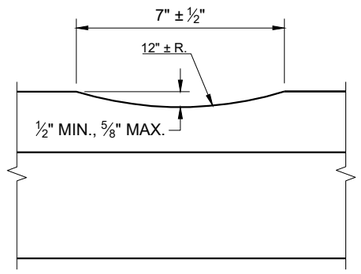
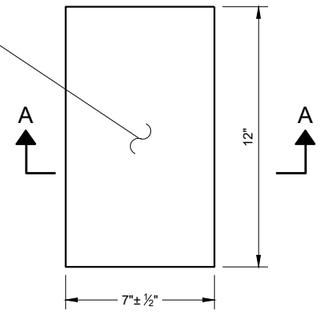
SDD 13A03 - 07



PLAN VIEW
SHOULDER RUMBLE STRIP



SECTION A - A



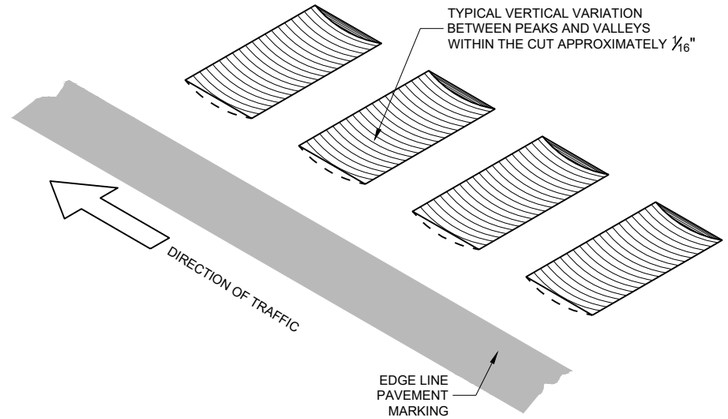
PLAN VIEW
(SINGLE GROOVE)

GENERAL NOTES

SDD 13A5, SHEET "b" SHOWS THE LOCATION OF THE RUMBLE STRIPS AT RAMP AND GORE LOCATIONS.

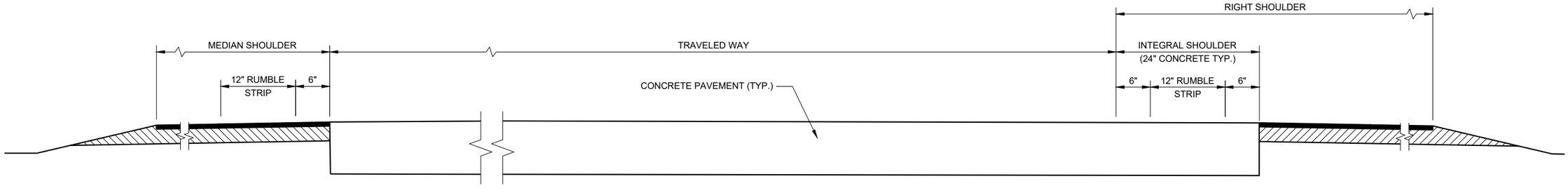
RUMBLE STRIPS ON EXPRESSWAYS:
DO NOT INSTALL SHOULDER RUMBLE STRIPS ACROSS SIDE ROAD INTERSECTIONS, COMMERCIAL AND PRIVATE DRIVEWAYS, ADJACENT TO RIGHT TURN LANES, LEFT TURN LANES, TURN LANE TAPERS, 25' IN ADVANCE OF BRIDGE DECKS, 25' IN ADVANCE OF BRIDGE APPROACHES, OR 100 FEET IN ADVANCE OF RAILROAD CROSSINGS.

(1) CONCRETE PAVEMENT - RUMBLE STRIPS SHALL BE A MINIMUM OF 6 INCHES AWAY FROM TRANSVERSE JOINTS.



ISOMETRIC

PLACEMENT DETAIL FOR RUMBLE STRIP



SECTION VIEW

TYPICAL SHOULDER RUMBLE STRIPS
(ONE ROADWAY IS SHOWN)

SHOULDER RUMBLE STRIPS, DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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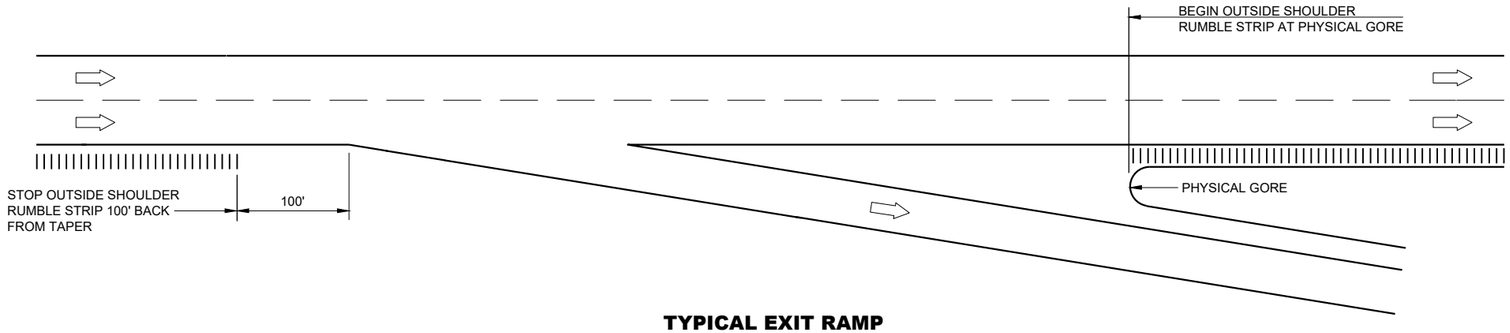
SDD 13A05-06a



TYPICAL EXIT RAMP

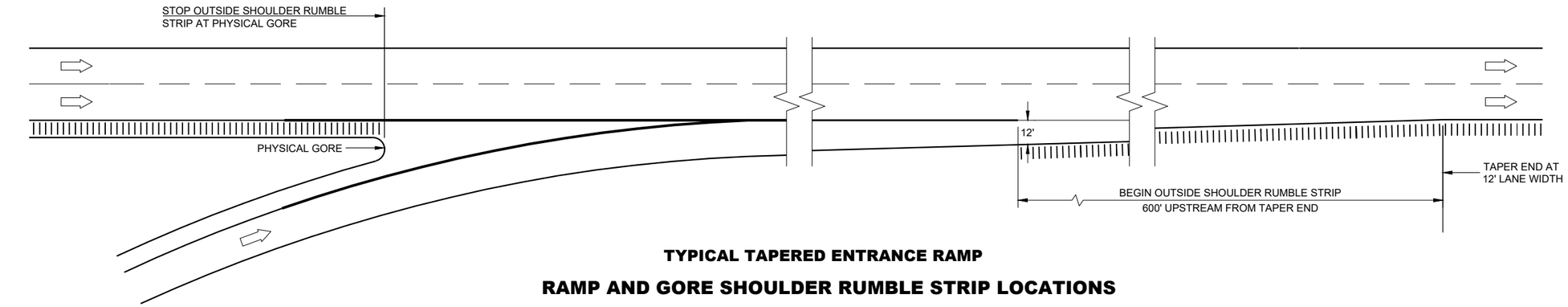
GENERAL NOTES

NO RUMBLE STRIP ON EXIT, DIRECTIONAL OR ENTRANCE RAMPS, EXCEPT NEAR THE ENTRANCE TAPER END AND ALONG THE PARALLEL RAMP AREA AS SHOWN.

RUMBLE STRIPS ON EXPRESSWAYS:
DO NOT INSTALL SHOULDER RUMBLE STRIPS ACROSS SIDE ROAD INTERSECTIONS, COMMERCIALAND PRIVATE DRIVEWAYS, ADJACENT TO RIGHT TURN LANES, LEFT TURN LANES, TURN LANE TAPERS, 25' IN ADVANCE OF BRIDGE DECKS, 25' IN ADVANCE OF BRIDGE APPROACHES, OR 100 FEET IN ADVANCE OF RAILROAD CROSSINGS.

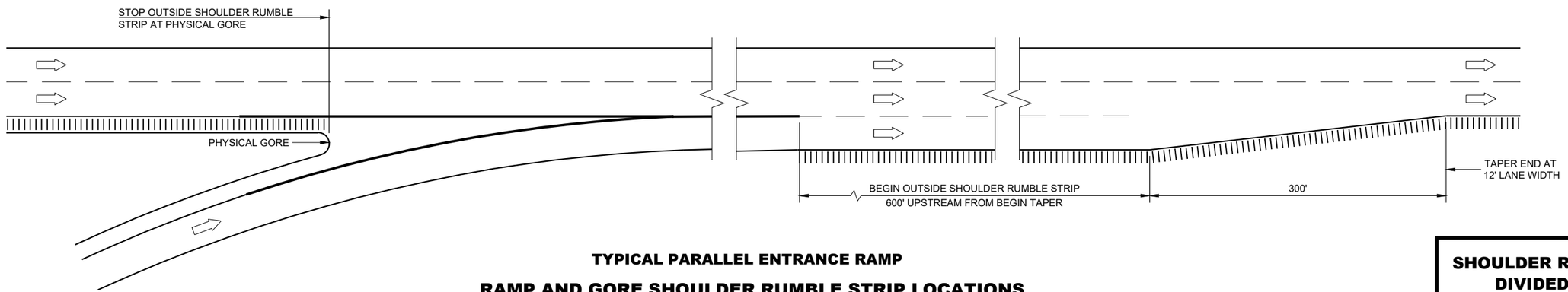
LEGEND

DIRECTION OF TRAFFIC



TYPICAL TAPERED ENTRANCE RAMP

RAMP AND GORE SHOULDER RUMBLE STRIP LOCATIONS



TYPICAL PARALLEL ENTRANCE RAMP

RAMP AND GORE SHOULDER RUMBLE STRIP LOCATIONS

SHOULDER RUMBLE STRIPS, DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Rodney Taylor
ROADWAY DESIGN STANDARDS
UNIT SUPERVISOR

FHWA

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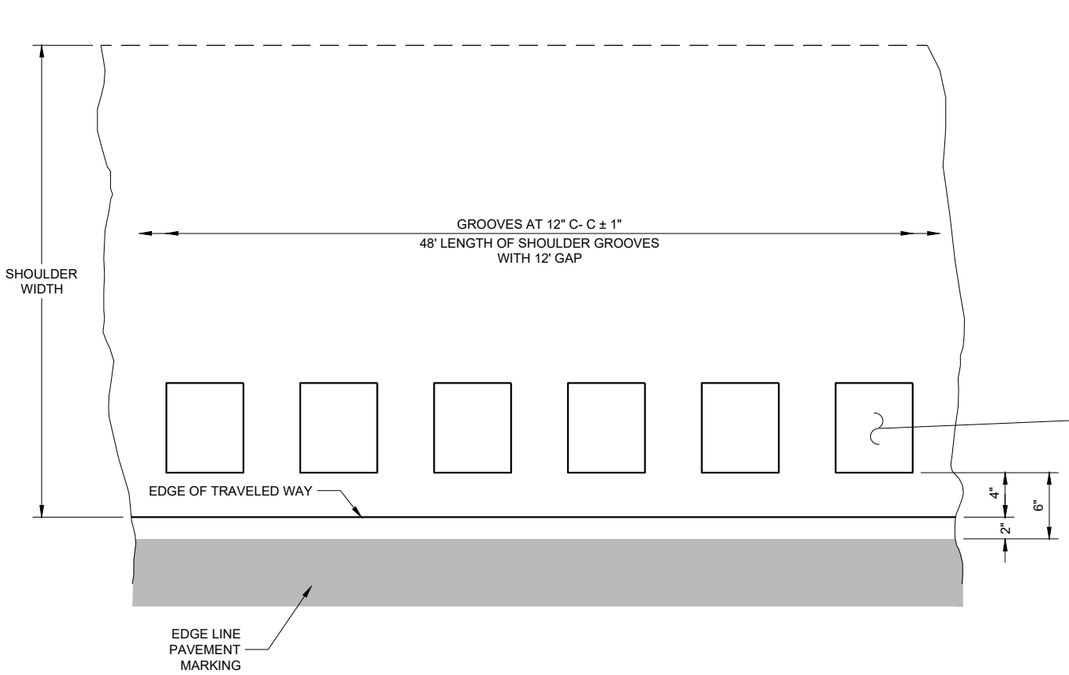
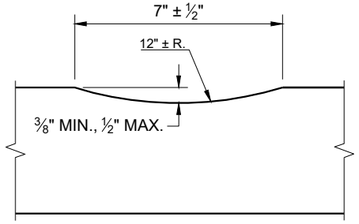
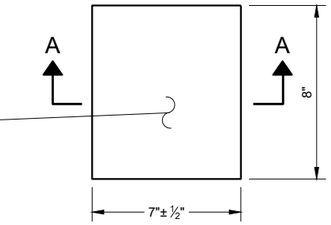
SDD 13A05-06b



PLAN DETAIL VIEW
SHOULDER WITH GROOVES



SECTION A - A

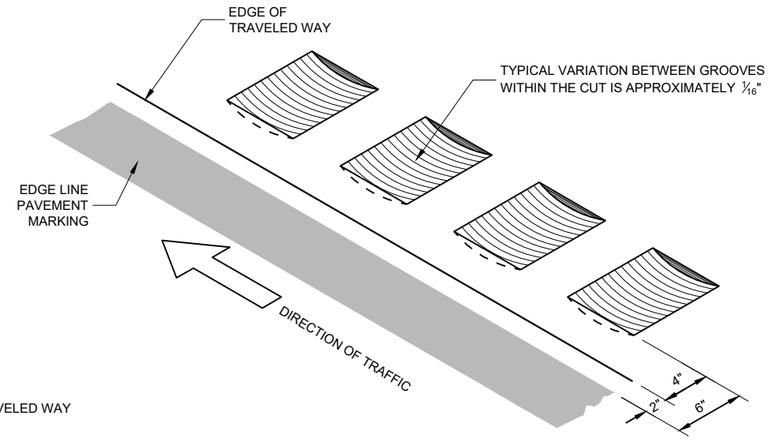


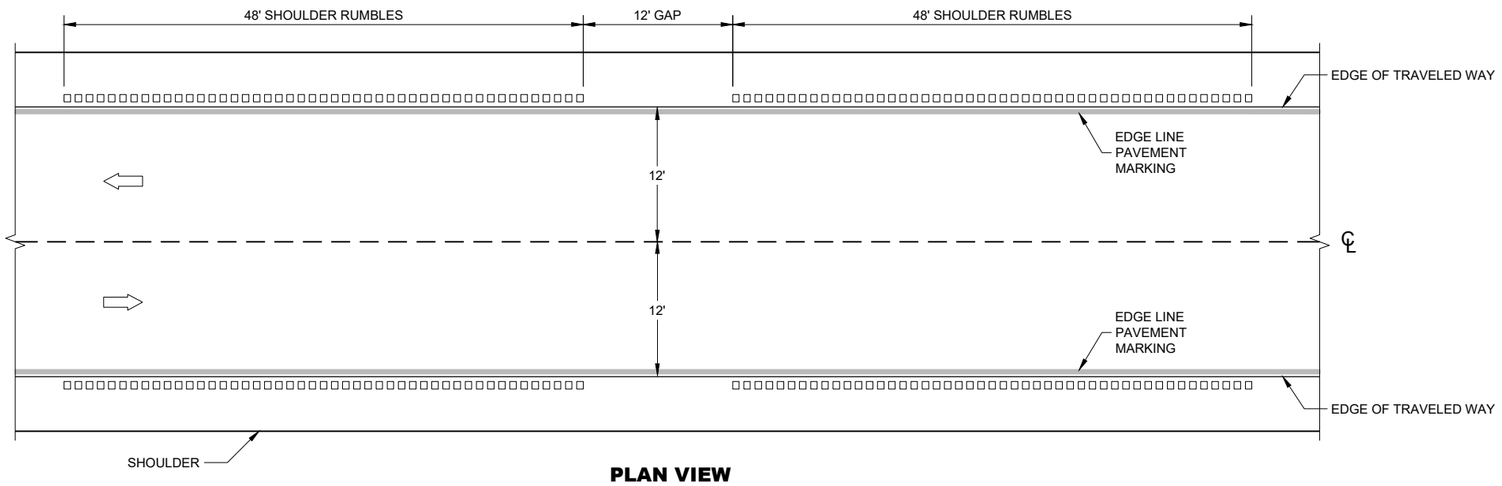
PLAN VIEW
(SINGLE GROOVE)

GENERAL NOTES

DO NOT MILL SHOULDER GROOVES THROUGH INTERSECTIONS, MARKED CROSSWALKS, NON-MOTORIZED PATH CROSSINGS, ETC. REFER TO SDD 13A10 SHEETS "g" AND "h".

SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS WHEN DIRECTED BY THE ENGINEER.





PLAN VIEW

SHOULDER RUMBLE STRIPS - ASPHALT

6

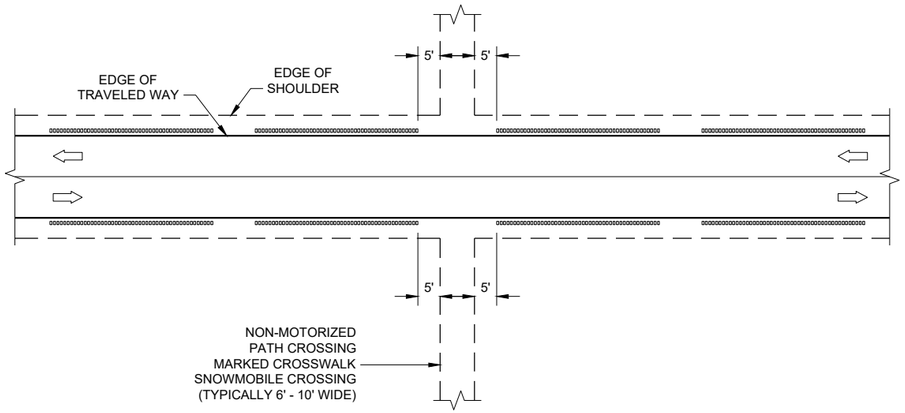
SDD 13A10 - 03a

SHOULDER RUMBLE STRIPS ASPHALT

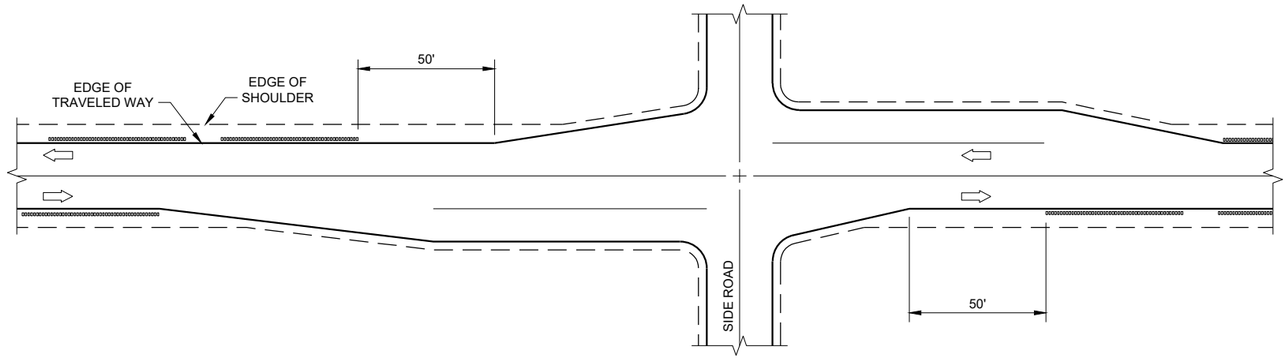
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

6

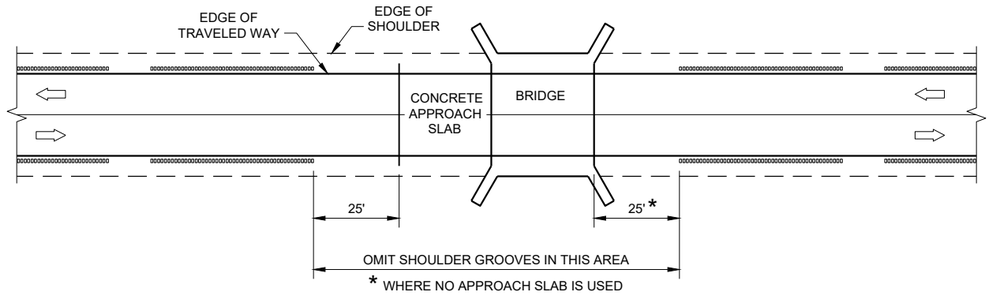
SDD 13A10 - 03a



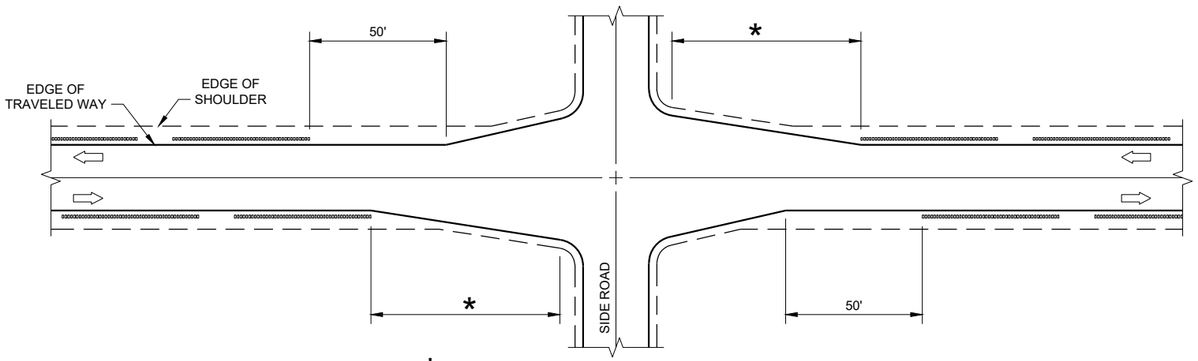
GROOVES AT MISCELLANEOUS CROSSINGS



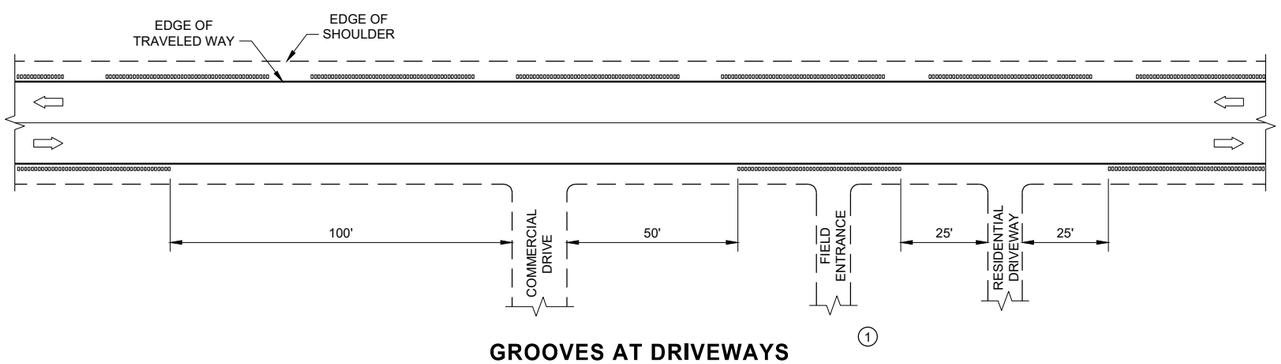
GROOVES AT RIGHT TURN LANE



GROOVES AT BRIDGES



GROOVES AT INTERSECTIONS WITH APPROACH TAPER



GROOVES AT DRIVEWAYS ①

GENERAL NOTES

① SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS. WHEN DIRECTED BY THE ENGINEER.

SHOULDER AND EDGE LINE RUMBLE STRIPS CROSSINGS, INTERSECTIONS, BRIDGES, DRIVEWAYS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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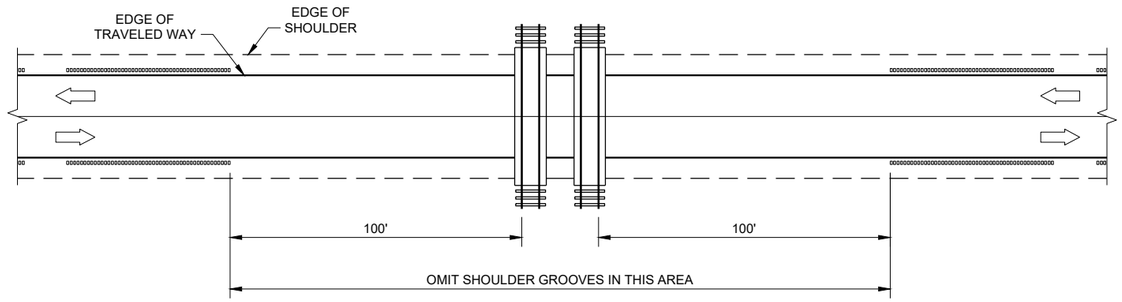
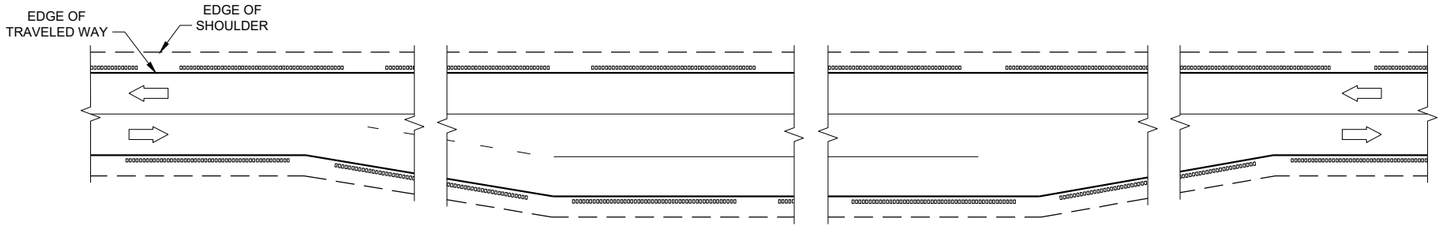
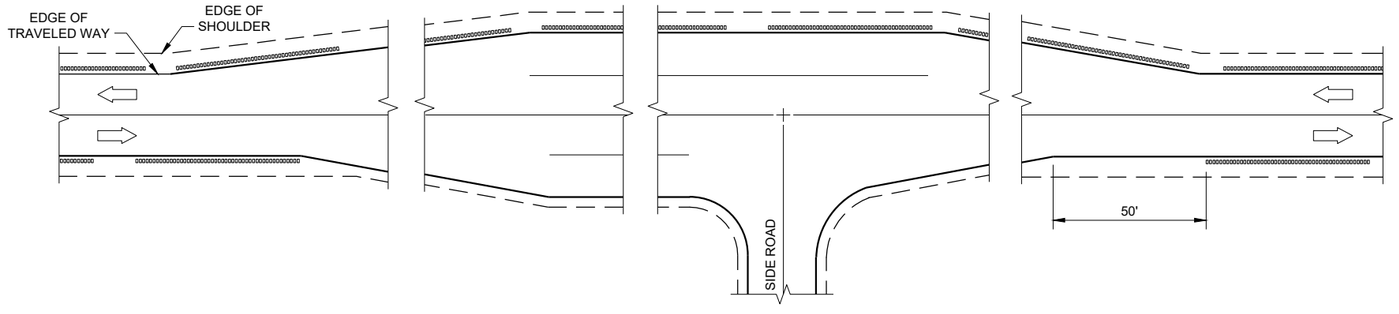
SDD 13A10 - 03g



GROOVES AT RAILROADS



GROOVES AT PASSING AND CLIMBING LANES



GROOVES AT BYPASS LANES

6

SDD 13A10 - 03h

SHOULDER AND EDGE LINE RUMBLE STRIPS - RAILROAD, PASSING, CLIMBING AND BYPASS LANES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2023
DATE

/S/ John Jenkins
ROADWAY STANDARDS DEVE ENGINEER

FHWA

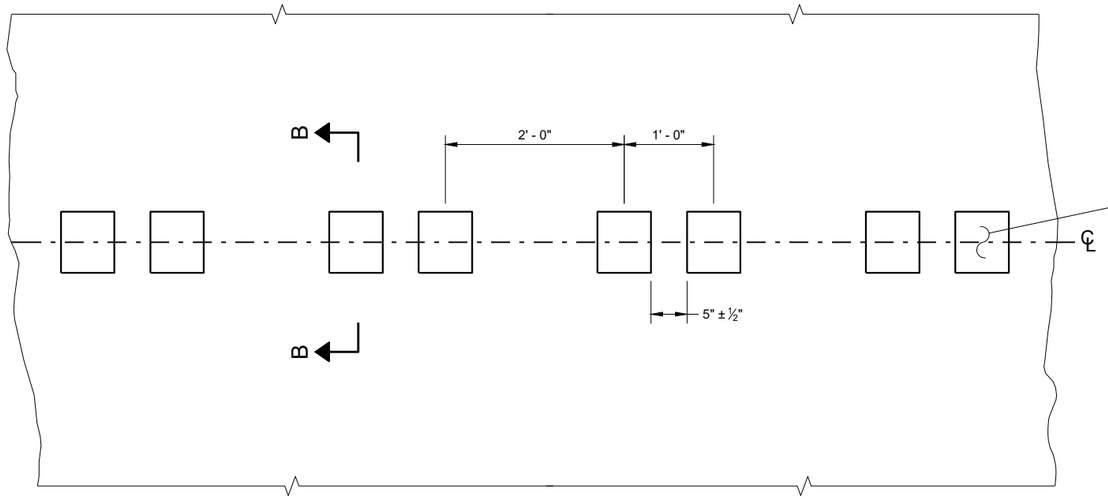
6

SDD 13A10 - 03h

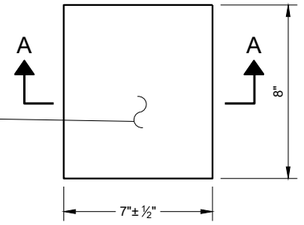
GENERAL NOTES

DO NOT MILL SHOULDER GROOVES THROUGH INTERSECTIONS, MARKED CROSSWALKS, NON-MOTORIZED PATH CROSSINGS, ETC. REFER TO SDD 13A11 SHEETS "d" AND "e".

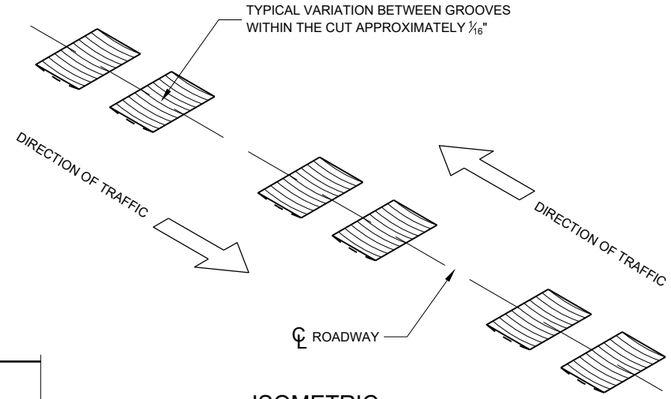
CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS WHEN DIRECTED BY THE ENGINEER.



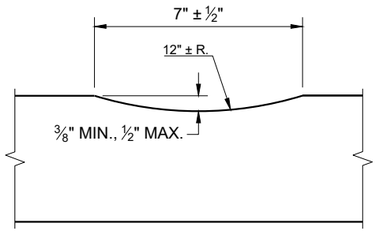
PLAN DETAIL VIEW



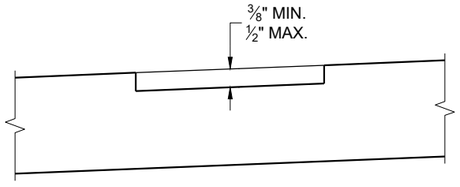
PLAN VIEW
(SINGLE GROOVE)



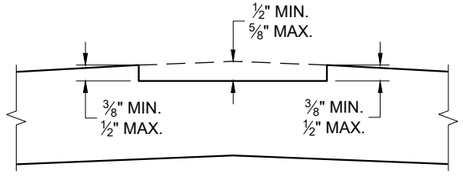
ISOMETRIC



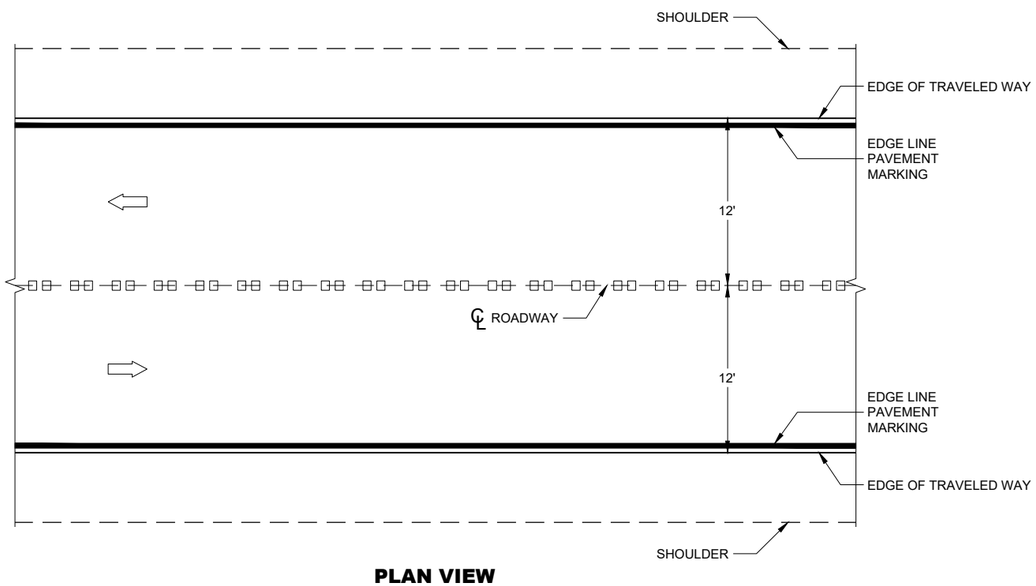
SECTION A - A



SECTION B - B
SUPERELEVATED ROADWAY



SECTION B - B
CROWNED ROADWAY



PLAN VIEW

CENTERLINE RUMBLE STRIPS - ASPHALT

6

SDD 13A11 - 04a

CENTERLINE RUMBLE STRIPS - ASPHALT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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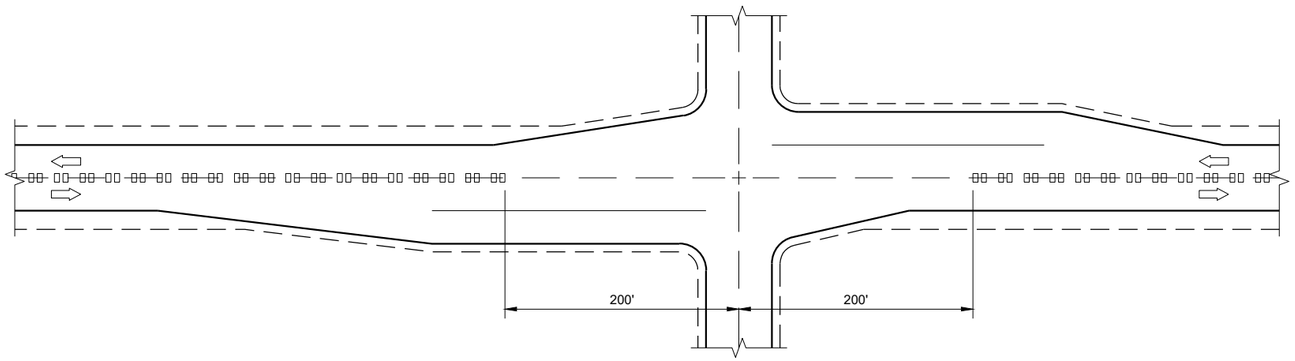
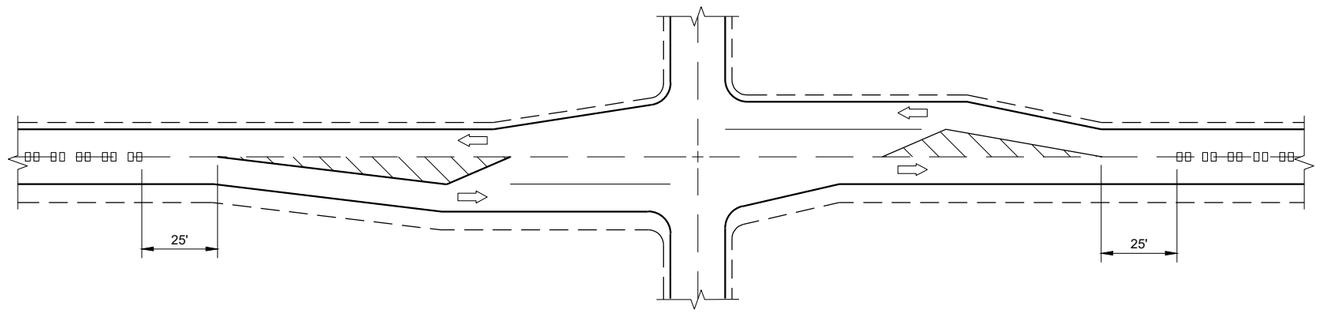
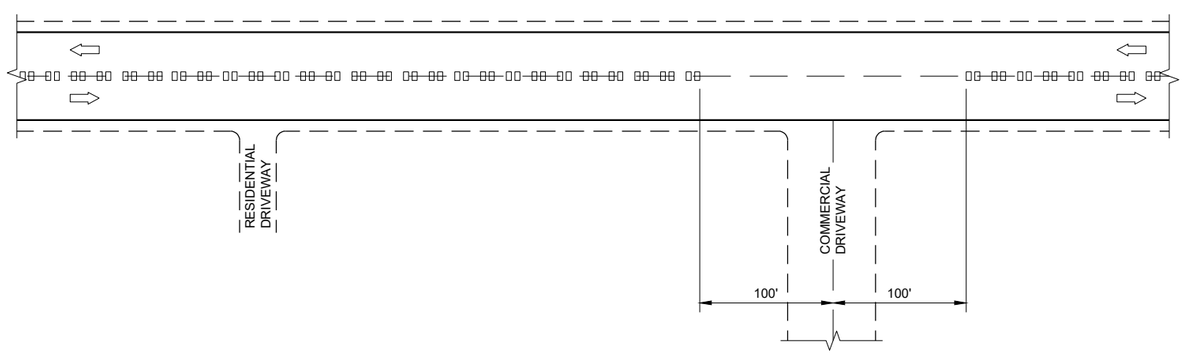
SDD 13A11 - 04a



CENTERLINE GROOVES AT INTERSECTIONS



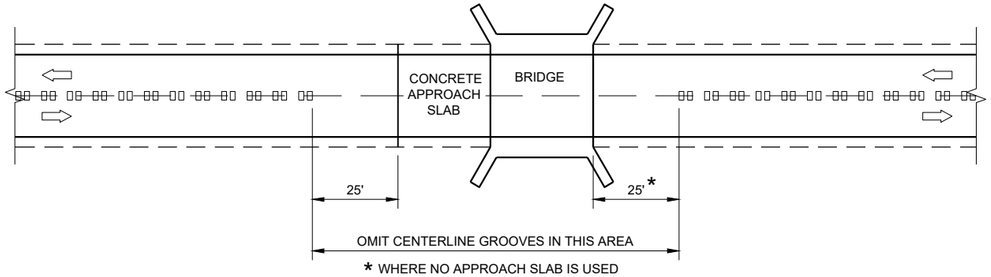
CENTERLINE GROOVES AT INTERSECTIONS (WITH LEFT TURN LANES)



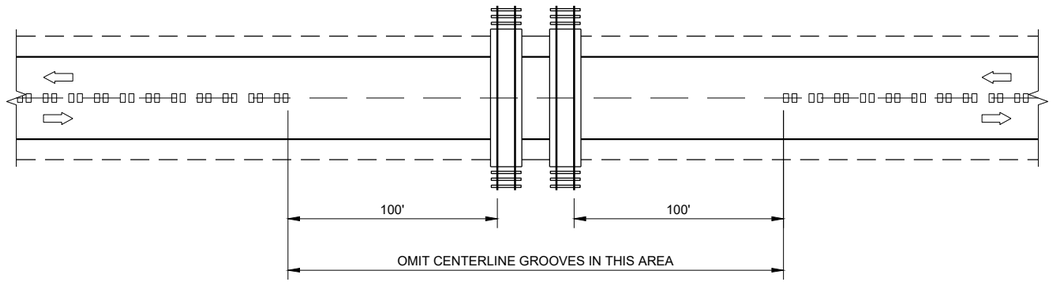
CENTERLINE GROOVES AT DRIVEWAYS (1)

GENERAL NOTES

(1) CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS WHEN DIRECTED BY THE ENGINEER.



CENTERLINE GROOVES AT BRIDGES



CENTERLINE GROOVES AT RAILROADS

CENTER LINE RUMBLE STRIPS - INTERSECTIONS, DRIVEWAYS, BRIDGES, RAIL ROADS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ John Jenkins — ROADWAY STANDARDS DEVE ENGINEER

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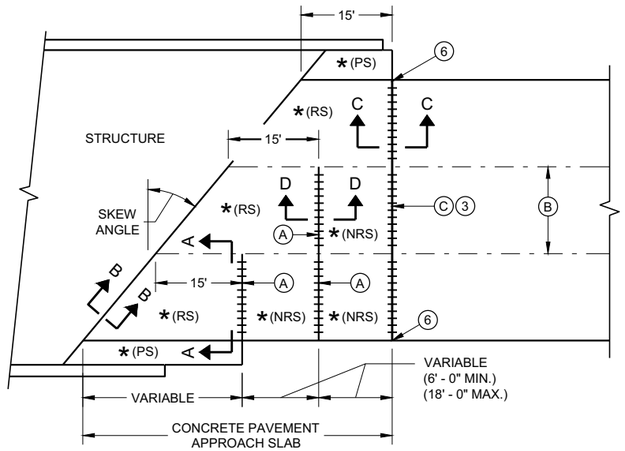
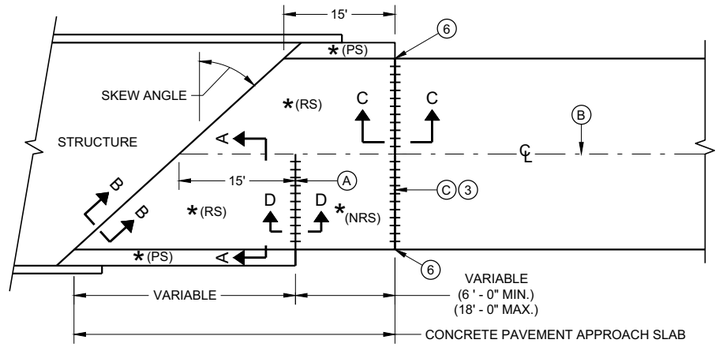
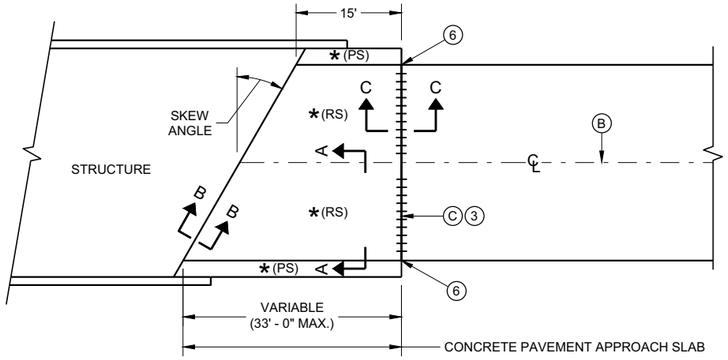


SKEWED APPROACH
(PAVEMENT MORE THAN TWO LANES)



SKEWS > 20°
(PAVEMENT WIDTH ≤ 30')



SKEWS ≤ 20°
(PAVEMENT WIDTH ≤ 30')

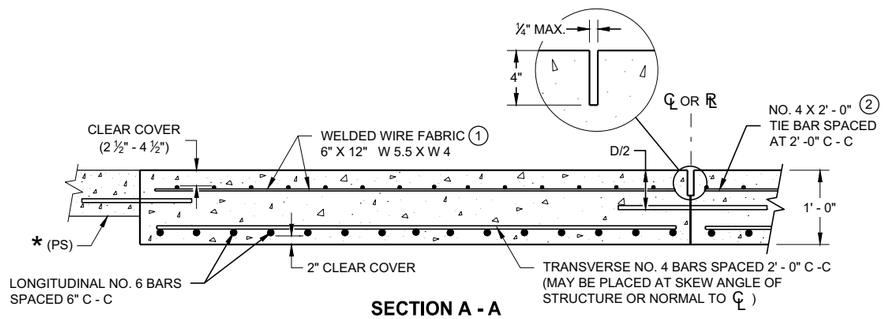
APPROACH SLAB AND ADJACENT PAVEMENT

* (RS) = REINFORCED CONCRETE SLAB

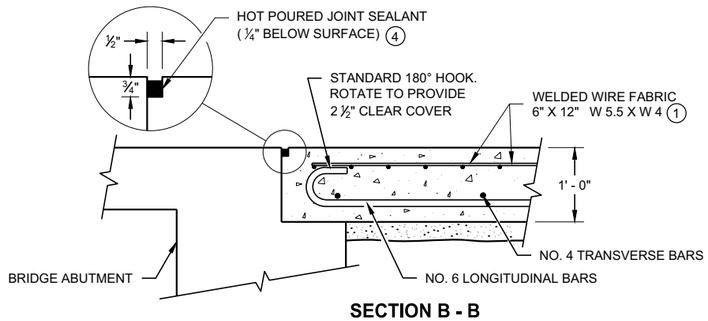
* (PS) = PAVED CONCRETE SHOULDER OR CONCRETE DRAINAGE SLAB

* (NRS) - NON - REINFORCED CONCRETE SLAB

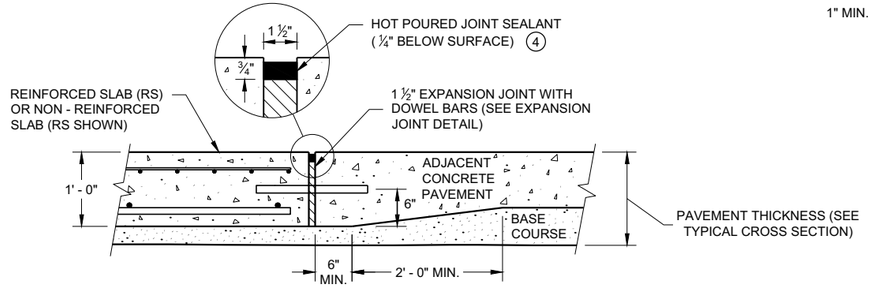
*** STANDARD DOWEL BAR DIAMETER (SEE SDD 13C11 AND SDD 13C13)



SECTION A - A
REINFORCEMENT POSITIONING DETAIL



SECTION B - B
BEND DETAIL
BOTTOM REINFORCEMENT



SECTION C - C
TRANSITION DETAIL
APPROACH SLAB TO ADJACENT PAVEMENT

GENERAL NOTES

THE CONTRACTOR MAY SPLICE NO. 6 BARS IN THE APPROACH SLAB FOR SKEWED STRUCTURES ONLY. STAGGER SPLICES WITH A MAXIMUM OF ONE SPLICE PER BAR. THE LENGTH OF LAP IS 20 INCHES.

TACK WELD DOWEL BARS TO THE BASKETS ON ALTERNATE ENDS.

(1) THE CONTRACTOR MAY USE NO. 4 BARS SPACED AT 2' - 0 " C - C IN BOTH THE LONGITUDINAL AND TRANSVERSE DIRECTIONS FOR TOP REINFORCEMENT AS AN ALTERNATIVE TO THE WELDED WIRE FABRIC.

(2) THE CONTRACTOR MAY OMIT THE BARS BETWEEN REINFORCED SLABS WHERE SLAB REINFORCEMENT BARS EXTEND ACROSS THE CENTERLINE OR REFERENCE LINE.

(3) DO NOT CONSTRUCT AN EXPANSION JOINT OR INSTALL DOWEL BARS WHEN ABUTTING AN HMA PAVEMENT.

(4) USE A JOINT SEALANT CONFORMING TO STANDARD SPECIFICATION 415.2.6.

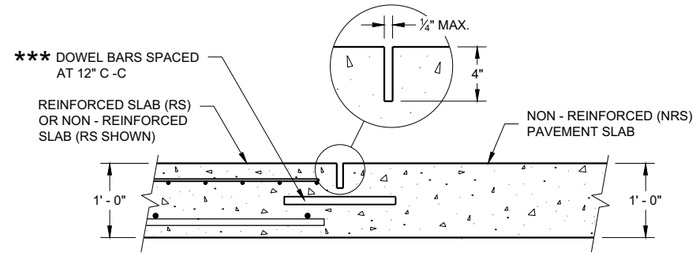
(5) PLACE EXPANSION CAP ON THE END OF THE DOWEL THAT IS NOT TACK WELDED TO THE BASKET. DO NOT FORCE DOWEL BAR PAST THE DOWEL STOP.

(6) EXTEND EXPANSION JOINT THROUGH ANY ADJACENT TIED CONCRETE.

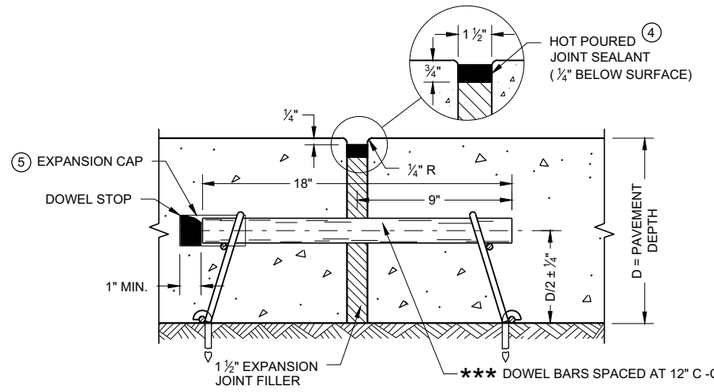
(A) STANDARD CONTRACTION JOINT NORMAL TO ℄ OR ℞.

(B) STANDARD LONGITUDINAL JOINT WITH TIE BARS.

(C) 1 ½" EXPANSION JOINT WITH DOWEL BARS NORMAL TO ℄ OR ℞ .



SECTION D - D
CONTRACTION JOINT



EXPANSION JOINT DETAIL

CONCRETE PAVEMENT APPROACH SLAB

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Peter Kemp, P.E.
PAVEMENT SUPERVIS

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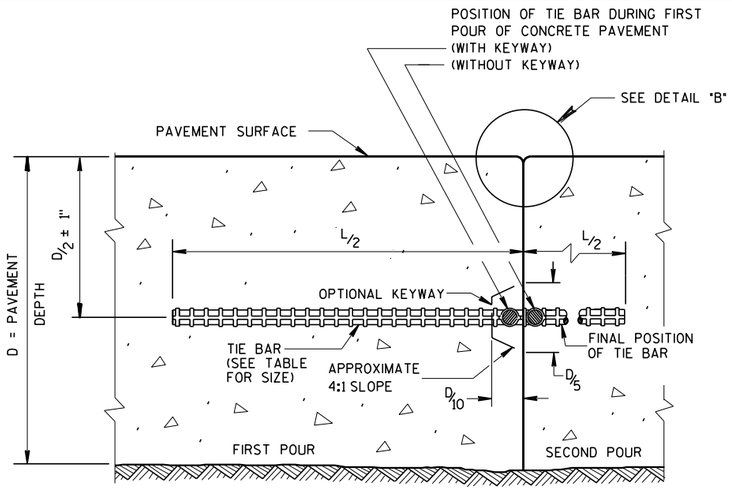
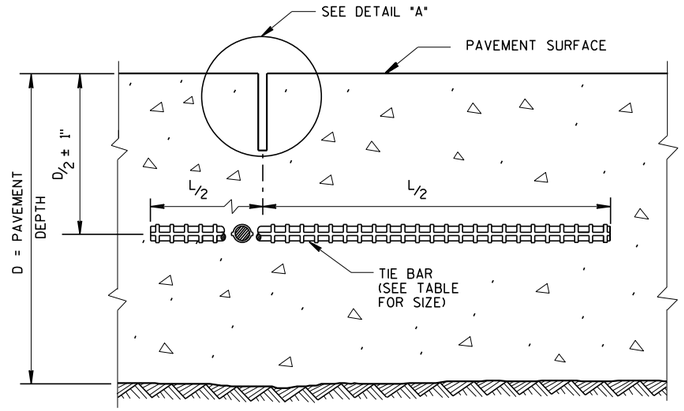
SDD 13B02 - 09a



CONSTRUCTION JOINT



SAWED JOINT

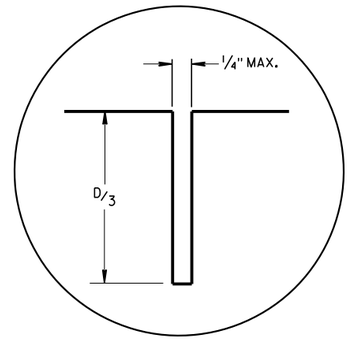
GENERAL NOTES

CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.

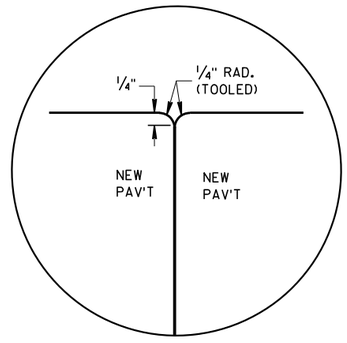
CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

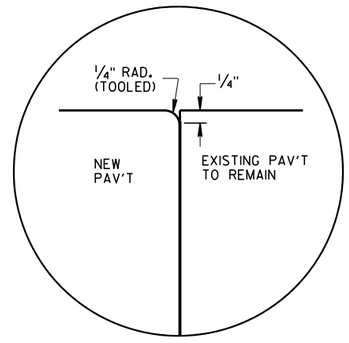
(2) PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.



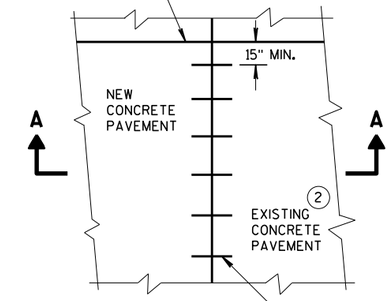
DETAIL "A"



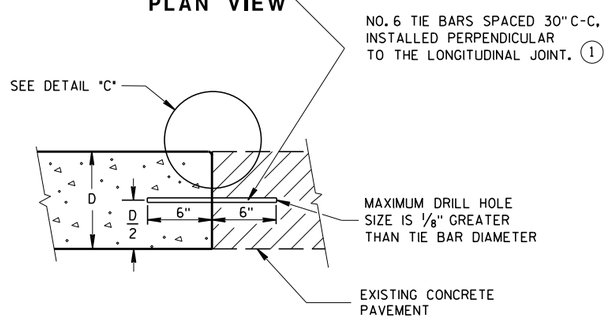
DETAIL "B"



DETAIL "C"



PLAN VIEW



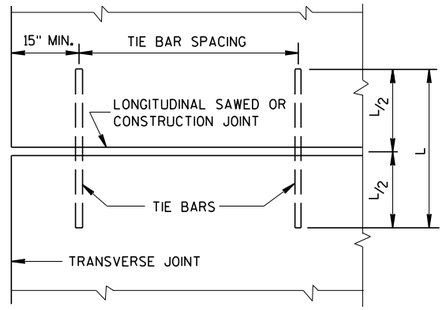
SECTION A-A
LONGITUDINAL CONSTRUCTION JOINT TIE BARS ANCHORED INTO EXISTING PAVEMENT

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



PLAN VIEW
SHOWING LOCATION OF TIE BARS

CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018 — DATE
/S/ Peter Kemp — PAVEMENT SUPE
FHWA

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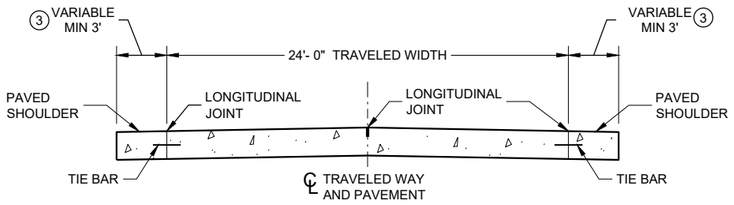
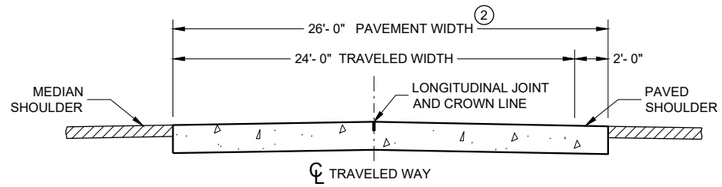
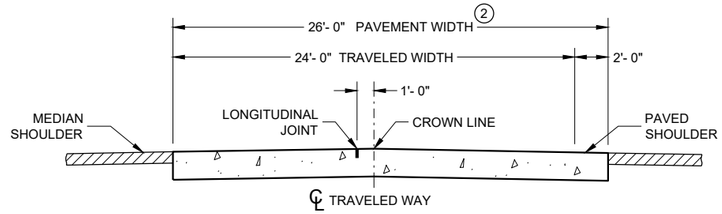


SECTION A - A

TWO-LANE TWO-WAY HIGHWAY (1)



SECTION B - B



ALTERNATIVE SECTION B - B

DIVIDED HIGHWAY (1)

GENERAL NOTES

CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE. SHOW THE LOCATION OF CONTRACTION JOINTS THROUGH INTERSECTIONS ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

FOR PAVEMENT SLABS OF VARYING WIDTHS, LOCATE THE OUTER MOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS A MINIMUM OF 6 INCHES FROM AND A MAXIMUM OF 18 INCHES FROM THE FREE EDGE OF PAVEMENT.

CONSTRUCTION JOINTS

LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO THE CONTRACTION JOINTS.

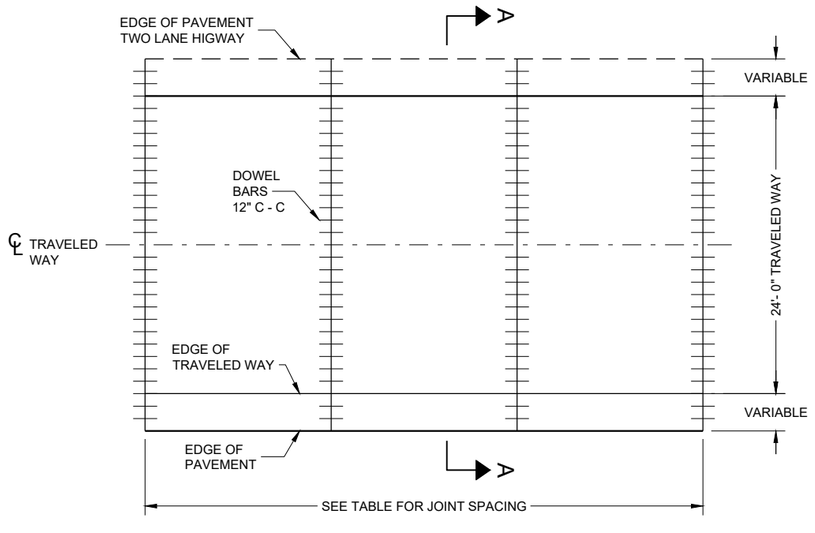
(1) REFER TO TYPICAL CROSS SECTIONS FOR ADDITIONAL DETAILS.

(2) MEASURE THE ENTIRE PAVED WIDTH INCLUDING THE PORTION(S) LABELED "PAVED SHOULDER" AS CONCRETE PAVEMENT.

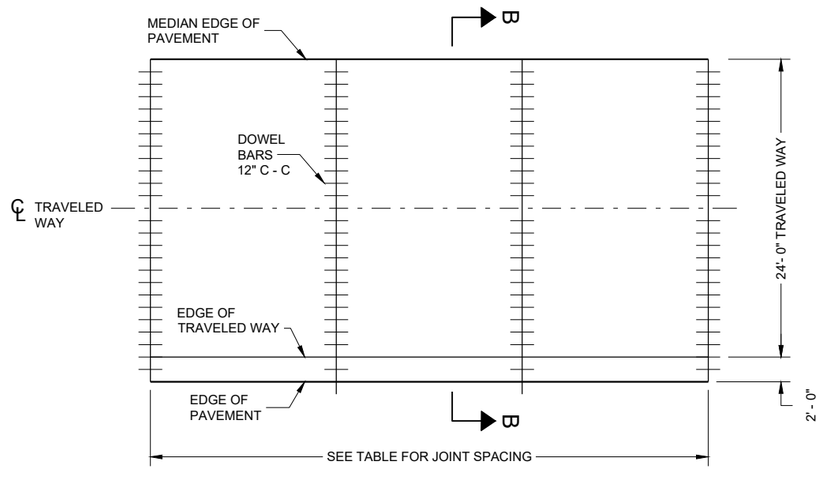
(3) SHOULDER WIDTHS LESS THAN 3 FEET SHALL BE PAVED INTEGRAL TO THE MAINLINE CONCRETE PAVEMENT, SEE SECTION B-B.

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
6", 6 ½"	NONE	12'
7", 7 ½"	1"	14'
8" & ABOVE	1 ¼"	15'



CONTRACTION JOINT LAYOUT FOR TWO-LANE TWO-WAY HIGHWAY



CONTRACTION JOINT LAYOUT FOR DIVIDED HIGHWAY

RURAL DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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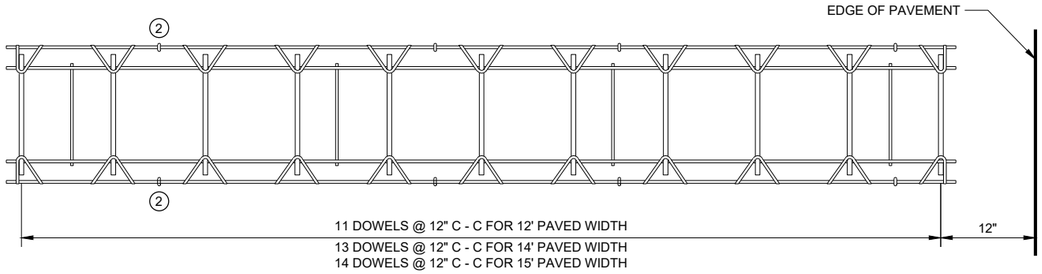
SDD13C11 - 14a



PLAN VIEW

SIDE VIEW

(NORMAL TO CENTERLINE)

CONTRACTION JOINT DOWEL ASSEMBLY (1)

GENERAL NOTES

(1) OBTAIN THE ENGINEER'S APPROVAL FOR THE USE OF ALTERNATIVE DESIGNS OF THE DOWEL ASSEMBLY. USE MECHANICAL DOWEL BAR INSERTERS OR DOWEL ASSEMBLIES WHEN CONSTRUCTION CONTRACTION JOINTS.

(2) SECURE BASKETS WITH ANCHORS TO HOLD DOWEL BARS IN THE CORRECT POSITION AND ALIGNMENT. TYPE, LOCATION, NUMBER AND LENGTH OF ANCHORS ARE DEPENDENT UPON FIELD CONDITIONS.

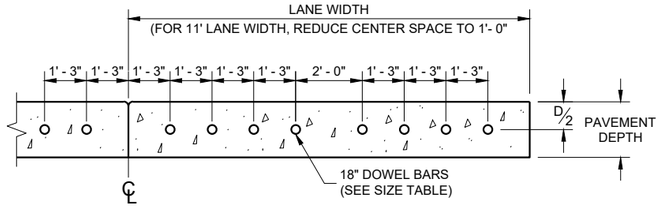
(3) FORM OR SAW CONSTRUCTION JOINTS. PROVIDE A ¼" RADIUS AT FORMED JOINTS.

(4) PROVIDE A SMOOTH VERTICAL FACE FOR THE ENTIRE DEPTH OF THE PAVEMENT WHEN FORMING CONSTRUCTION JOINTS.

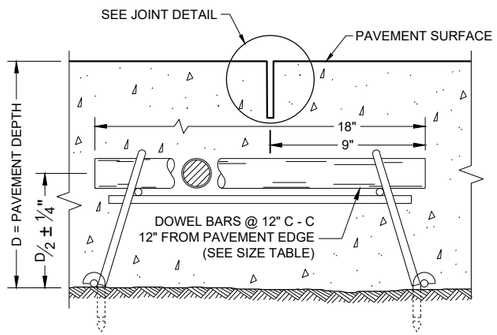
(5) INSTALL DOWEL BARS AT CONSTRUCTION JOINTS BY FORMING OR DRILLING. INSTALL FORMED DOWEL BARS 12 INCHES C - C AND 12 INCHES FROM PAVEMENT EDGE. REMOVE EXCESS CONCRETE FROM THE FREE END OF THE DOWEL BAR IF DOWEL BARS ARE FORMED THROUGH A HEADER BOARD. INSTALL DRILLED DOWEL BARS ACCORDING TO THE "DRILLED DOWEL BAR CONSTRUCTION JOINT" DETAIL.

(6) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

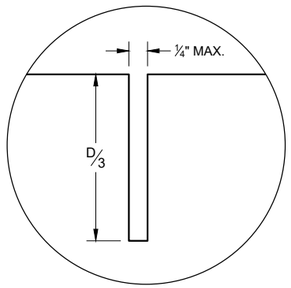
(7) ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY. MAXIMUM DRILLED HOLE SIZE IS ⅛" GREATER THAN DOWEL BAR DIAMETER, 9 INCHES IN LENGTH.



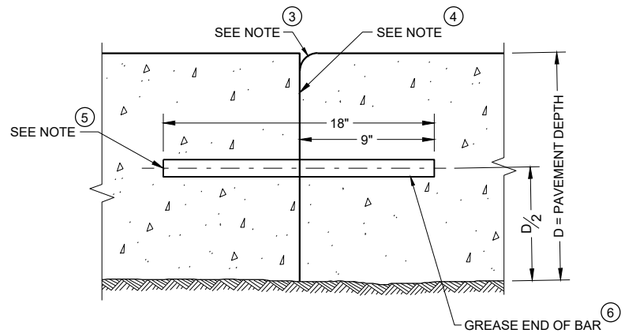
DRILLED DOWEL BAR CONSTRUCTION JOINT (7)



DOWELED CONTRACTION JOINT



JOINT DETAIL



TRANSVERSE CONSTRUCTION JOINT

RURAL DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPERVIS

FHWA

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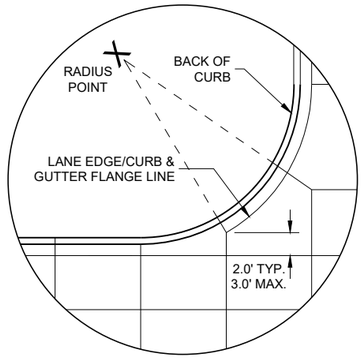
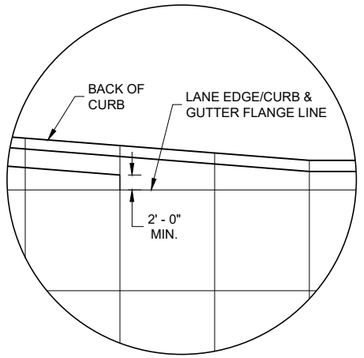


DETAIL "A"



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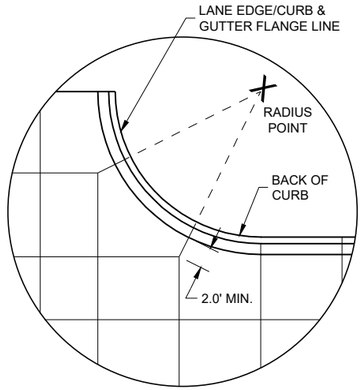
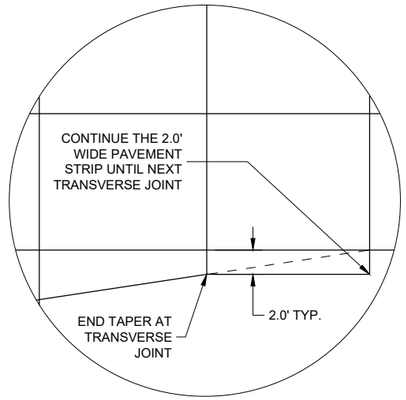


DETAIL "C"



DETAIL "D"

GENERAL NOTES

THE PRIMARY ROADWAY CONTROLS THE TRANSVERSE JOINT PATTERN.

ALIGN NEW JOINTS WITH EXISTING JOINTS OR CRACKS.

CONSTRUCT TRANSVERSE JOINTS PERPENDICULAR TO THE ROADWAY.

ADJUST TRANSVERSE JOINTS TO ALIGN WITH UTILITY FIXTURES (E.G MANHOLES AND INLETS) IN THE PAVEMENT STRUCTURE WHEN POSSIBLE. WATER VALVES DO NOT REQUIRE JOINT ADJUSTMENT.

AVOID SLABS LESS THAN 2 FEET WIDE OR GREATER THAN 15 FEET WIDE.

SEE TABLE FOR TRANSVERSE JOINT SPACING. JOINT SPACING SPECIFIED IS MAXIMUM AND ACTUAL SPACING CAN BE ADJUSTED TO ACCOMMODATE INTERSECTIONS.

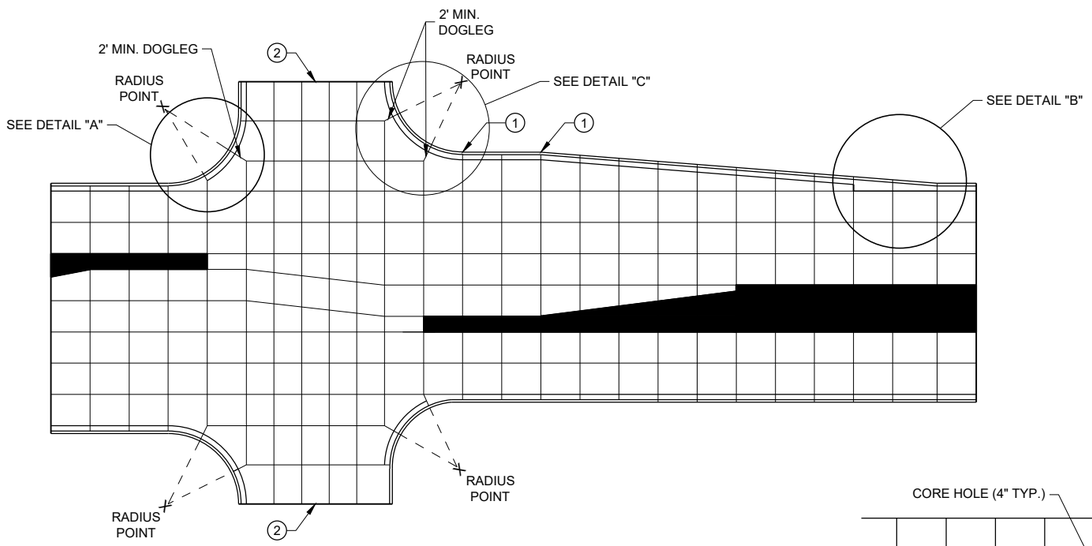
AVOID ANGLES LESS THAN 60° BY DOGLEGGING JOINTS THROUGH CURVE RADIUS POINTS. USE 90° ANGLES WHEN POSSIBLE.

CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) PROVIDE TRANSVERSE JOINTS AT ALL PAVEMENT WIDTH CHANGES.

(2) CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH EDGE OF RADIUS.

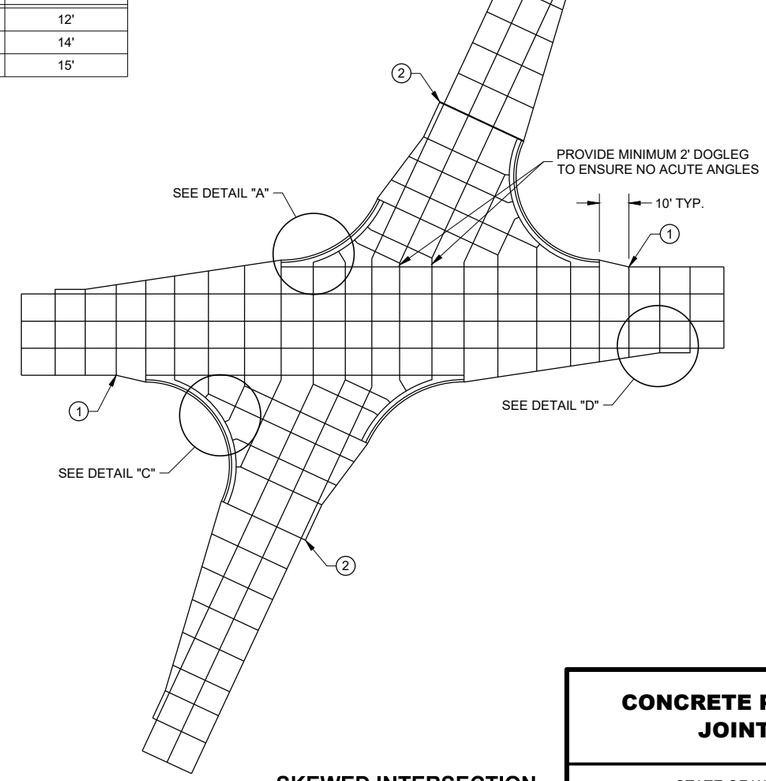
(3) THE ENGINEER MAY APPROVE SLIGHT VARIATIONS FROM THESE JOINTING DETAILS.



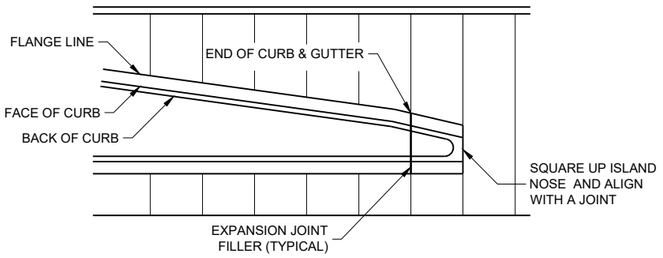
STANDARD INTERSECTION

PAVEMENT DEPTH AND JOINT SPACING TABLE

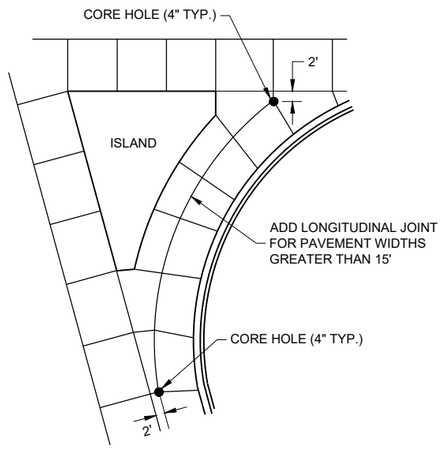
PAVEMENT DEPTH (D)	CONTRACTION JOINT SPACING
6", 6 ½"	12'
7", 7 ½"	14'
8" & ABOVE	15'



SKEWED INTERSECTION



APPROACH TO MEDIAN



LARGE RIGHT TURN

CONCRETE PAVEMENT JOINTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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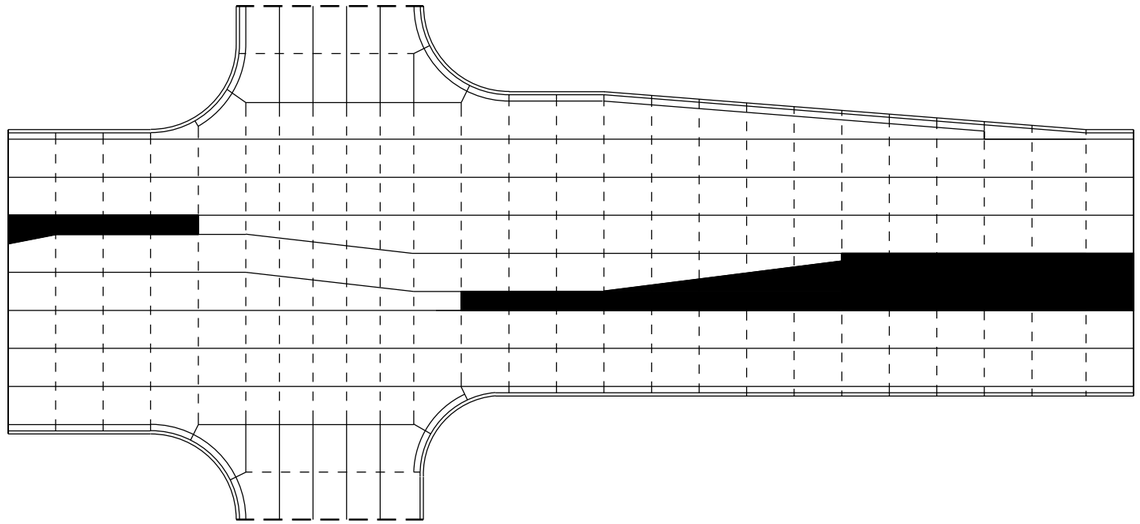
SDD 13C18 - 08a

LEGEND

POTENTIAL DOWELED EXPANSION JOINT

DOWELED JOINT

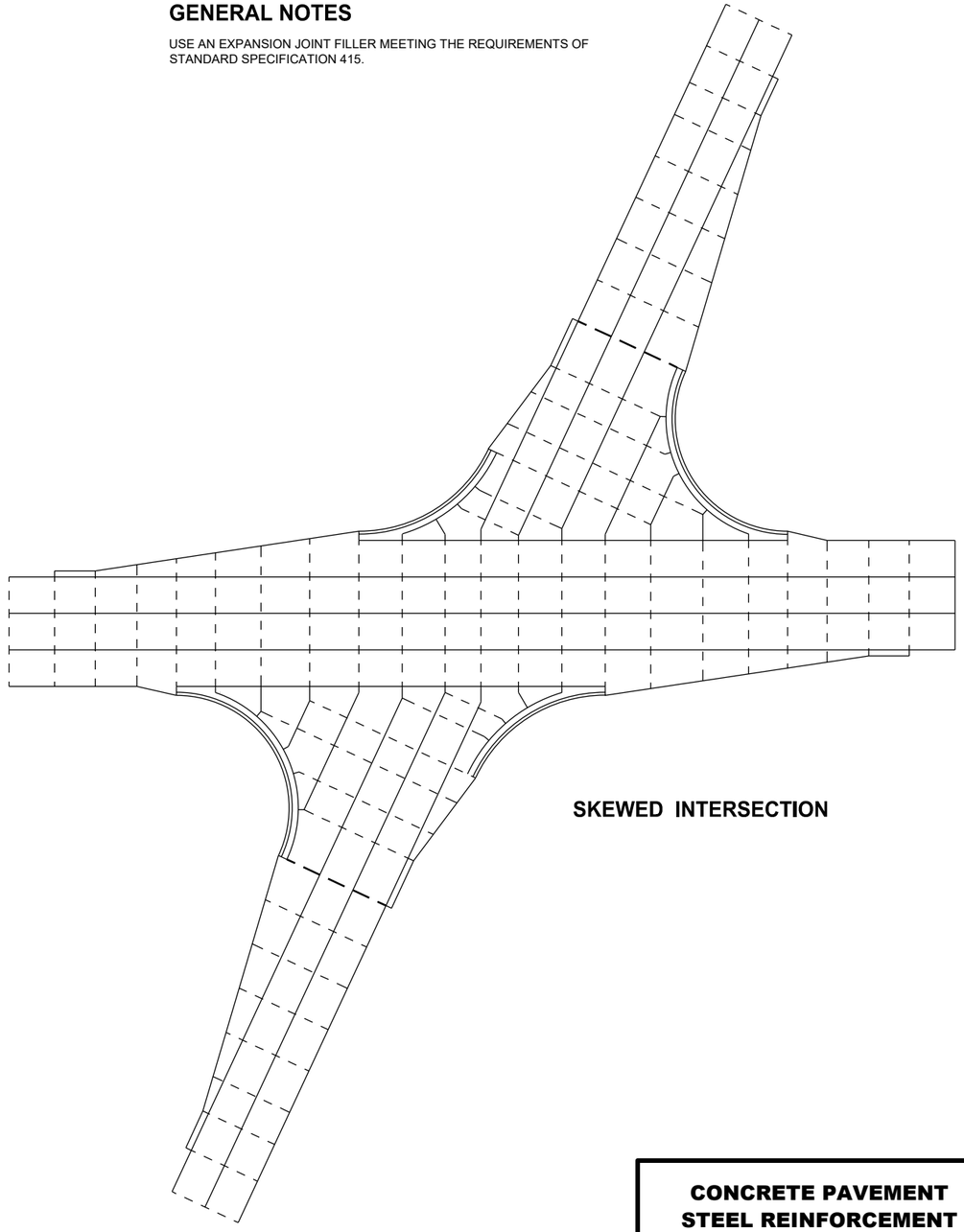
TIED JOINT



STANDARD INTERSECTION

GENERAL NOTES

USE AN EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.



SKEWED INTERSECTION

6

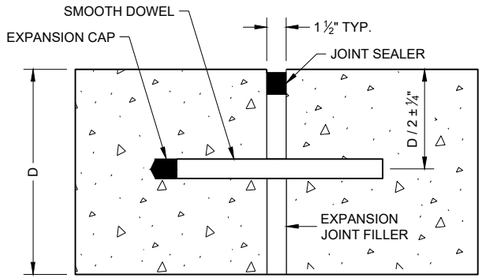
SDD 13C18 - 08b

CONCRETE PAVEMENT STEEL REINFORCEMENT

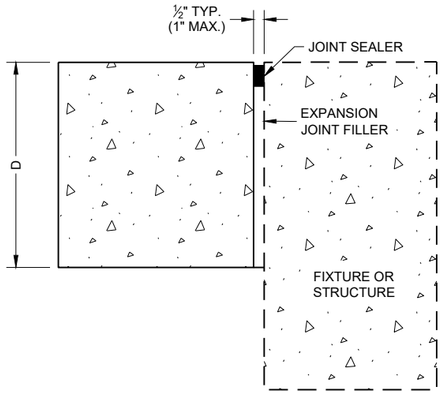
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 13C18 - 08b



DOWELED TRANSVERSE (1)



UNTIED - LONGITUDINAL

EXPANSION JOINTS

TIE BAR TABLE

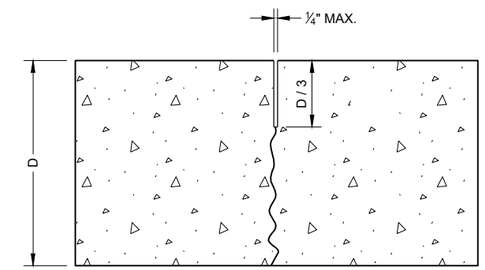
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

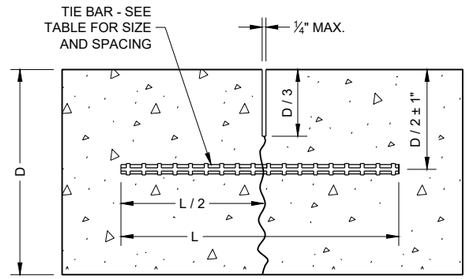
** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

GENERAL NOTES

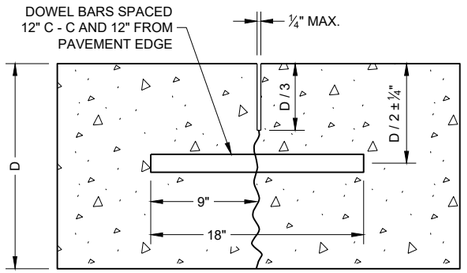
1. USE DOWELED EXPANSION JOINTS ON SIDE ROADS AT INTERSECTIONS (TO ISOLATETHE SIDE ROAD FROM THE THROUGH STREET) IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH.
2. SPACE CONTRACTION JOINTS IN ACCORDANCE WITH SDD 13C4, 13C11 OR 13C13.
3. LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.
4. CONSTRUCTION JOINTS CAN BE FORMED OR SAWED.
5. IF JOINT IS FORMED, PROVIDE A ¼" RADIUS.
6. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



UNDOWELED TRANSVERSE

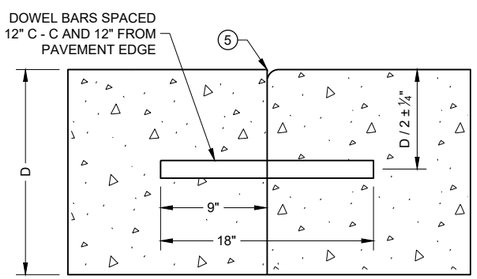


TIED LONGITUDINAL

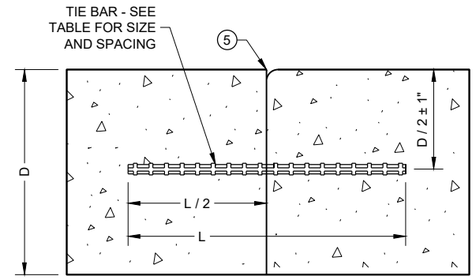


DOWELED TRANSVERSE

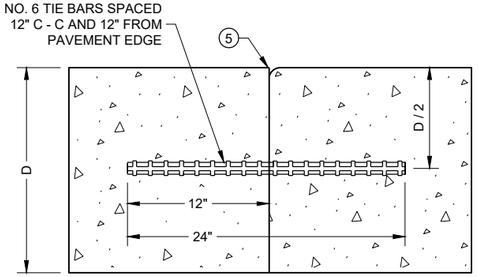
CONTRACTION JOINTS (2)



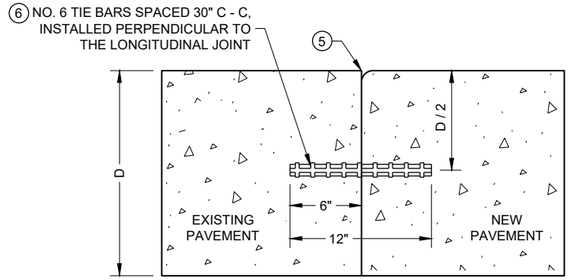
DOWELED TRANSVERSE (3)



TIED LONGITUDINAL



TIED TRANSVERSE (3)
(FOR USE ON NON-DOWELED PAVEMENTS ONLY)



TIED LONGITUDINAL TO EXISTING

CONSTRUCTION JOINTS (4)

CONCRETE PAVEMENT JOINT TYPES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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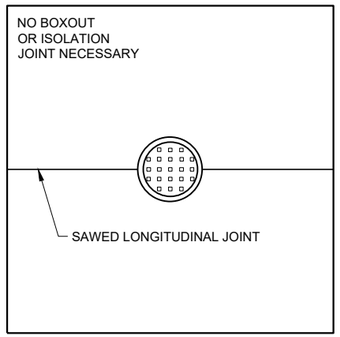
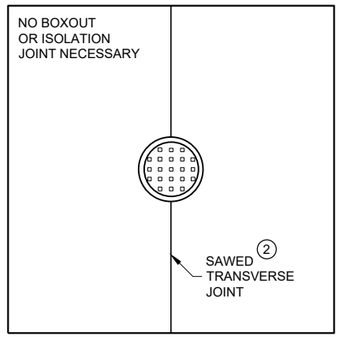
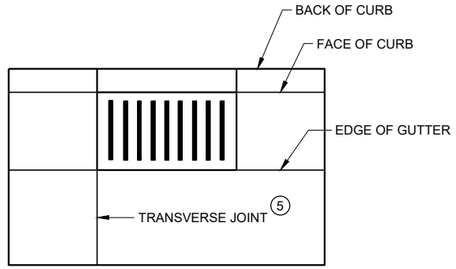
SDD 13C18 - 08c



MANHOLE WITH LONGITUDINAL JOINT



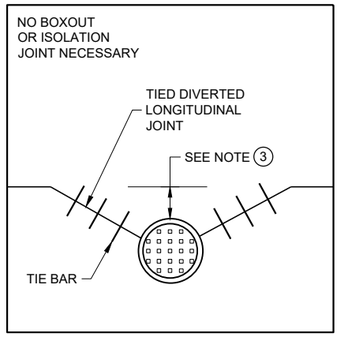
MANHOLE WITH TRANSVERSE JOINT



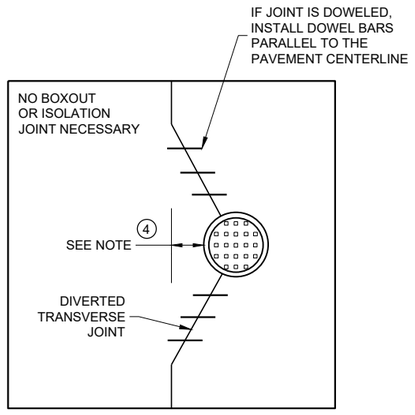
INLET WITH TRANSVERSE JOINT

GENERAL NOTES

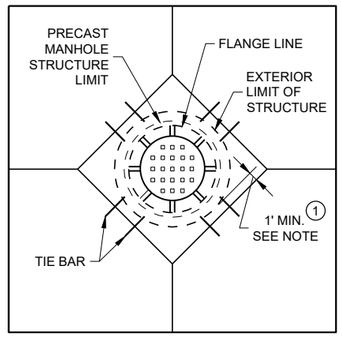
1. USE BOXOUTS WHEN UTILITY STRUCTURE IS IN THE PATH OF CONSTRUCTION JOINTS. PROVIDE A 1 FOOT MINIMUM CLEARANCE BETWEEN THE EXTERIOR LIMIT OF THE STRUCTURE TO THE DIAMOND BOXOUT.
2. ADJUST TRANSVERSE JOINT TO INTERSECT MANHOLE IF POSSIBLE.
3. IF DISTANCE BETWEEN THE LONGITUDINAL JOINT AND THE EDGE OF MANHOLE IS 2 FEET OR LESS, DIVERT THE LONGITUDINAL JOINT AT A 2:1 TAPER RATE TO THE CENTER OF THE MANHOLE. IF THE DISTANCE IS GREATER THAN 2 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REINFORCEMENT REBAR AROUND THE MANHOLE.
4. IF THE DISTANCE FROM THE EDGE OF THE MANHOLE TO THE NEAREST TRANSVERSE JOINT IS LESS 4 FEET OR LESS, REDIRECT JOINT TO INTERSECT THE CENTER OF THE MANHOLE. IF DISTANCE IS GREATER THAN 4 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REINFORCEMENT REBAR AROUND THE MANHOLE.
5. ALIGN TRANSVERSE JOINT WITH ONE EDGE OF INLET WHEN PRACTICAL.



MANHOLE WITH DIVERTED LONGITUDINAL CONTRACTION JOINT



MANHOLE WITH DIVERTED TRANSVERSE CONTRACTION JOINT



DIAGONAL MANHOLE BOXOUT FOR CONSTRUCTION JOINTS

CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Peter Kemp P.E.
PAVEMENT SUPERVIS

FHWA

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SDD13C18 - 08d
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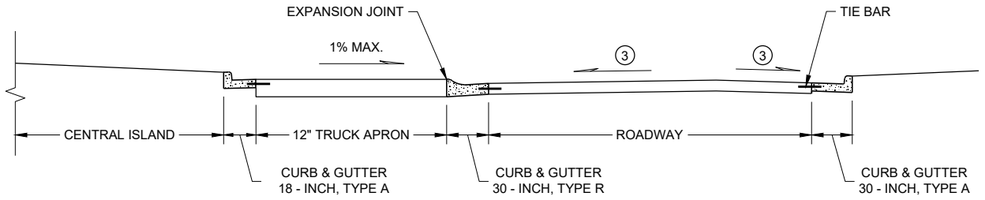
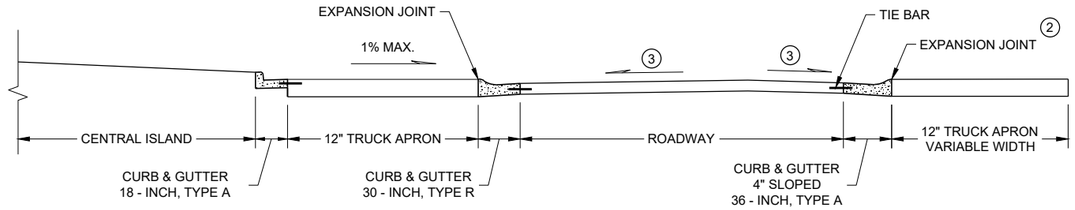
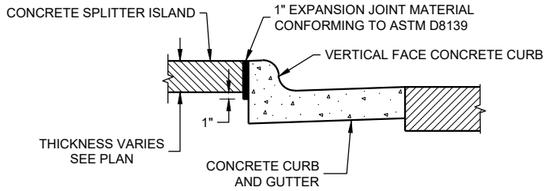


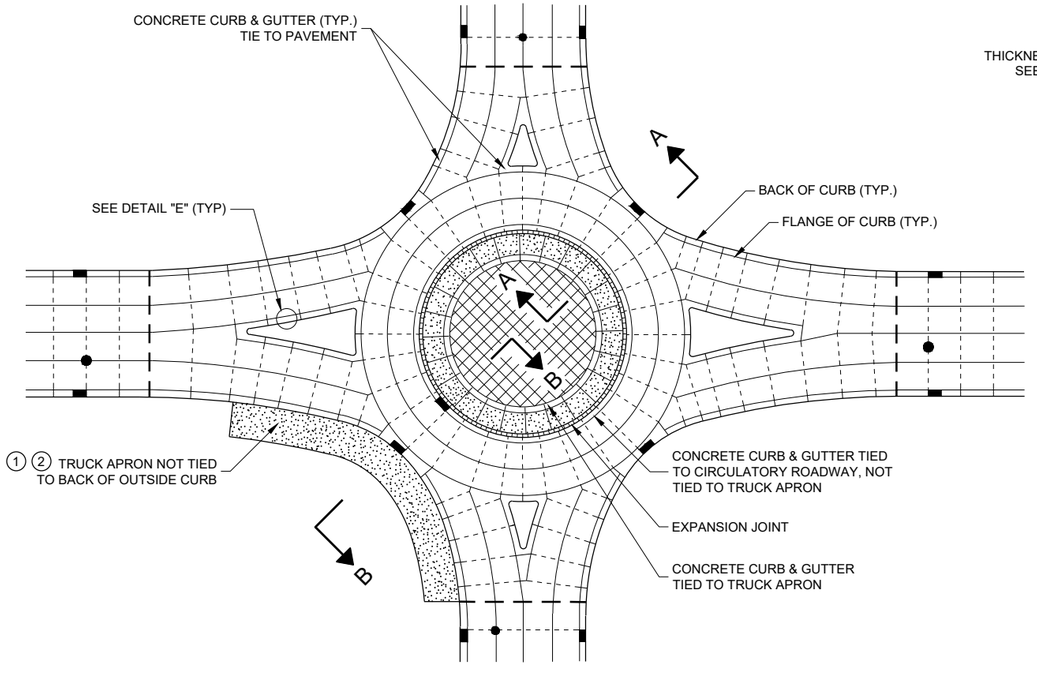
SECTION A - A



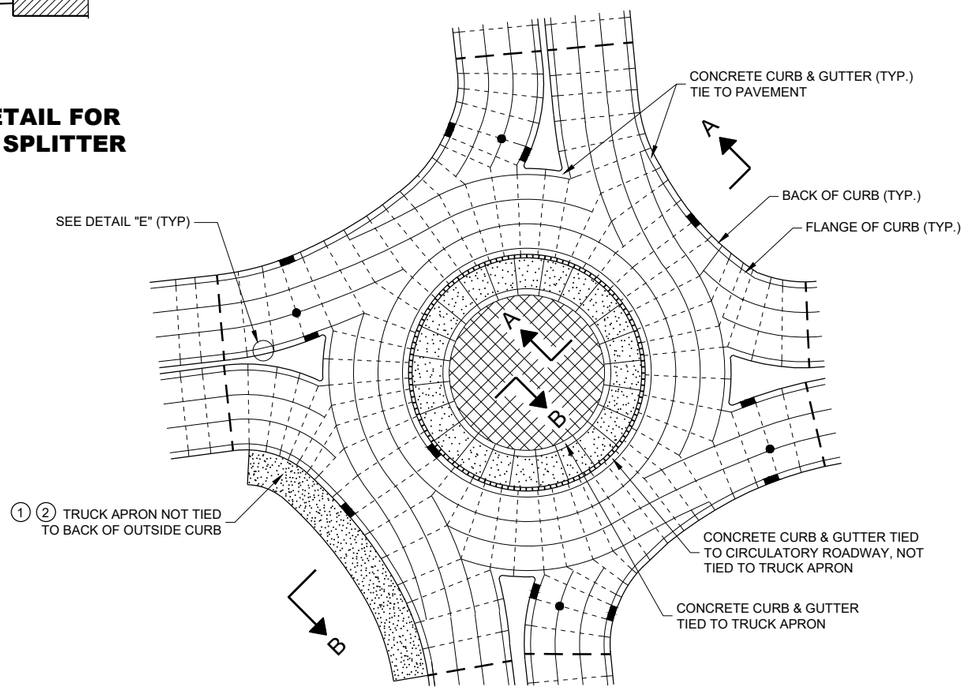
SECTION B - B



DETAIL 'E'
EXPANSION JOINT DETAIL FOR VERTICAL CURB AT A SPLITTER ISLAND



ISOLATED CIRCLE JOINT LAYOUT FOR ROUNDABOUTS



PINWHEEL JOINT LAYOUT FOR ROUNDABOUTS

GENERAL NOTES

MAXIMUM JOINT SPACING IS IN ACCORDANCE WITH THE TABLE SHOWN ON SDD 13C18 - SHEET "a"

USE EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.

DO NOT DOWEL OR TIE THE TRUCK APRON TRANSVERSE JOINTS.

(1) DESIGNER DETERMINES SIZE AND LOCATION(S) OF TRUCK APRON TO ACCOMMODATE TRACKING OF OVERSIZE / OVERWEIGHT VEHICLES.

(2) TIE THE OUTSIDE TRUCK APRON TO THE BACK SIDE OF CURB ONLY WHEN ENTIRE TRUCK APRON IS LESS THAN 3 FEET.

(3) CONFORM TO PLAN CONSTRUCTION DETAILS FOR CIRCULATORY ROADWAY CROSS SLOPE.

LEGEND

- DOWELED JOINT
- TIED JOINT
- EXPANSION JOINT
- POTENTIAL DOWELED EXPANSION JOINT
- TRUCK APRON
- CENTRAL ISLAND
- UTILITY STRUCTURES

CONCRETE PAVEMENT JOINTING AND STEEL REINFORCEMENT IN ROUNDABOUTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPERVIS

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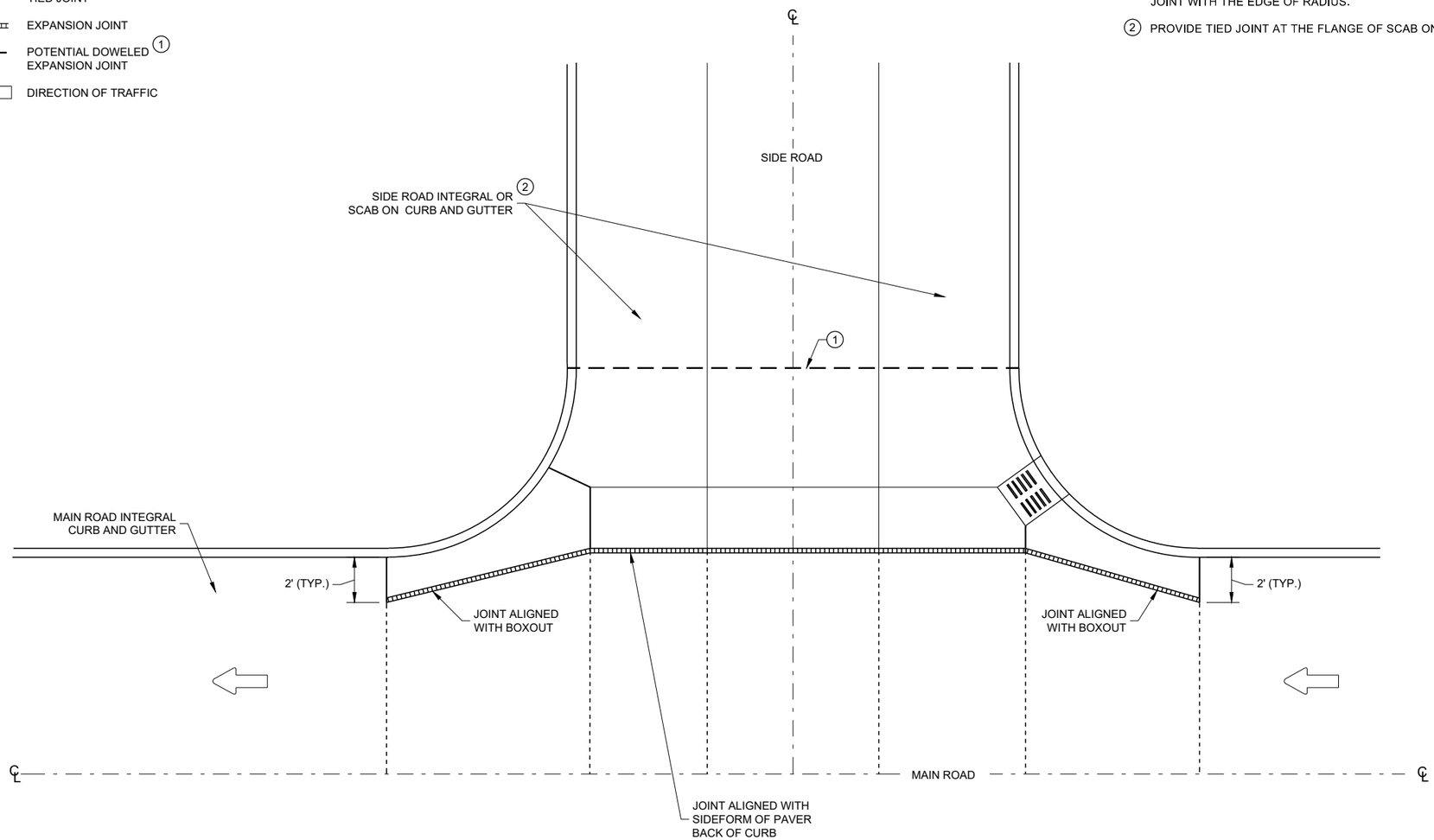
LEGEND

- DOWELED JOINT
- TIED JOINT
- EXPANSION JOINT
- POTENTIAL DOWELED EXPANSION JOINT (1)
- DIRECTION OF TRAFFIC



GENERAL NOTES

(1) CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH THE EDGE OF RADIUS.

(2) PROVIDE TIED JOINT AT THE FLANGE OF SCAB ON CURB IF SCAB ON CURB AND GUTTER IS USE.

INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER

CONCRETE PAVEMENT INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPERVIS

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SDD 13C18 - 08f

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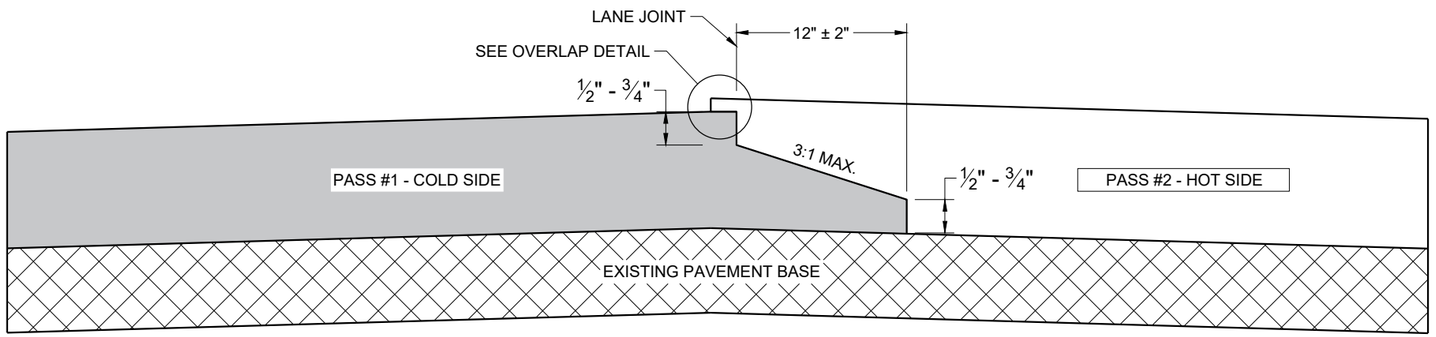
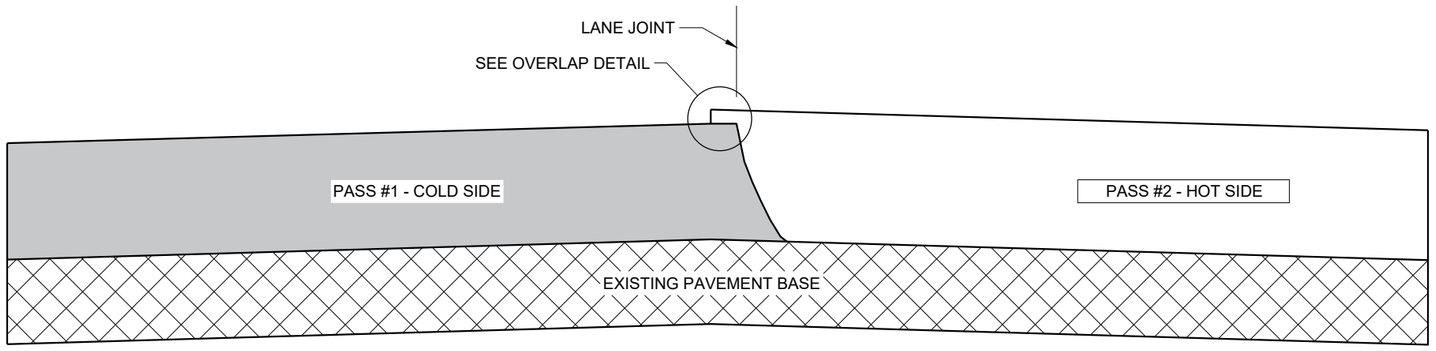
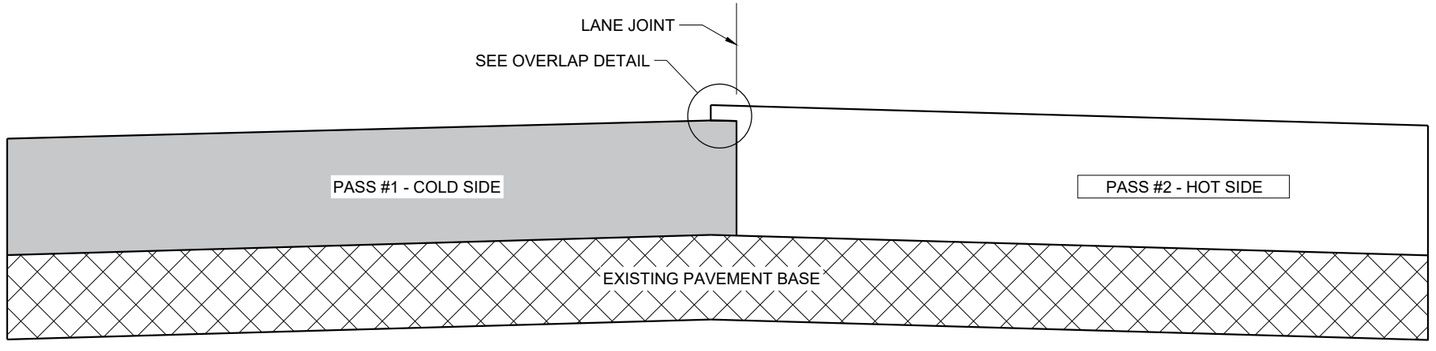
SDD 13C18 - 08f



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

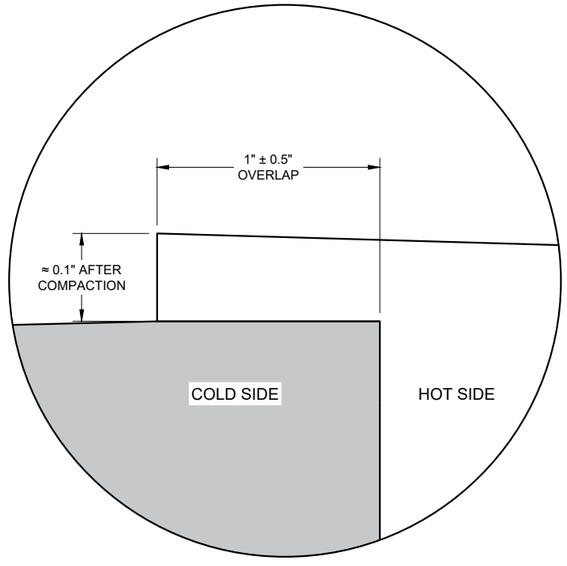
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.



OVERLAP DETAIL (TYPICAL)

6

6

SDD 13C19 - 03

SDD 13C19 - 03

HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE

/S/ Steven Hefel
HMA PAVEMENT ENGIN

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FHWA

GENERAL NOTES

(1) W6 X 9 OR W6 X 8.5 STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS ARE ACCEPTABLE ALTERNATIVES FOR 6" X 8" WOOD POSTS WITH WOOD OR PLASTIC BLOCKOUTS. USE APPROVED NOTCHED PLASTIC BLOCKOUTS WITH STEEL POSTS. APPROVED PLASTIC BLOCKOUT DESIGNS MAY VARY FROM THIS TYPICAL DETAIL WHEN USED IN CONJUNCTION WITH STEEL POSTS.

DO NOT MIX STEEL POSTS AND WOOD POSTS IN A SINGLE INSTALLATION.

(2) USE STRUCTURAL STEEL POSTS CONFORMING TO ASTM A 36. GALVANIZED POSTS ACCORDING TO AASHTO M 111. EITHER SET THE POSTS IN DRILLED HOLES OR DRIVE TO GRADE. REMOVE MUSHROOMING CAUSED BY DRIVING AND REPAIR DAMAGED SPELTER COATING ON GALVANIZED POSTS.

(3) INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

(4) USE EITHER WOOD OR APPROVED PLASTIC BLOCKOUTS ON WOOD POSTS.

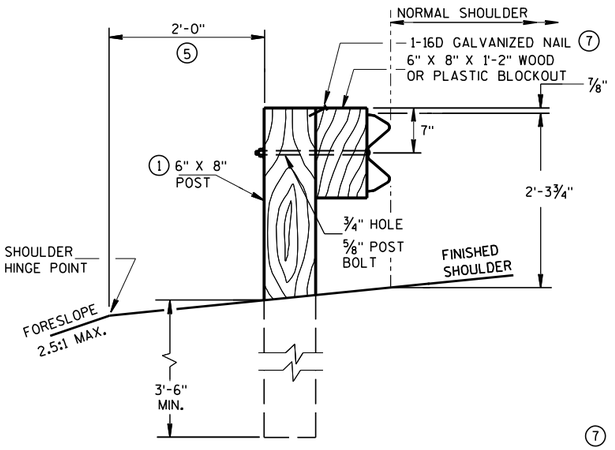
(5) IF THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING, W BEAM (LHW).

(6) IF ROCK IS ENCOUNTERED DURING EXCAVATION, THE ENGINEER MAY APPROVE USING A 12 INCH DIAMETER POST HOLE EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE APPROXIMATELY 2½ INCHES DEEP. CUT THE POSTS TO LENGTH AND PLACE IN YHE HOLE. BACKFILL WITH MATERIAL EXCAVATED FROM THE HOLE AND COMPACT ADEQUATEY.

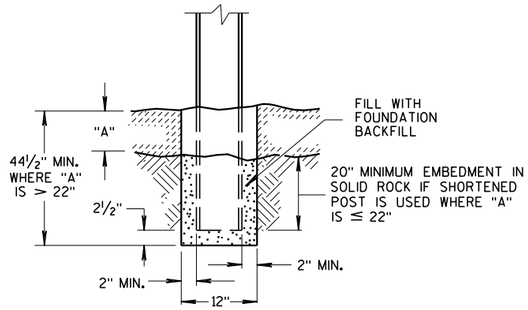
(7) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

INSTALL BEAM GUARD SECTIONS AND ALL NECESSARY HARDWARE ACCORDING TO THE APPLICABLE PLAN AND CURRENT STANDARD AND SUPPLEMENTAL SPECIFICATIONS.

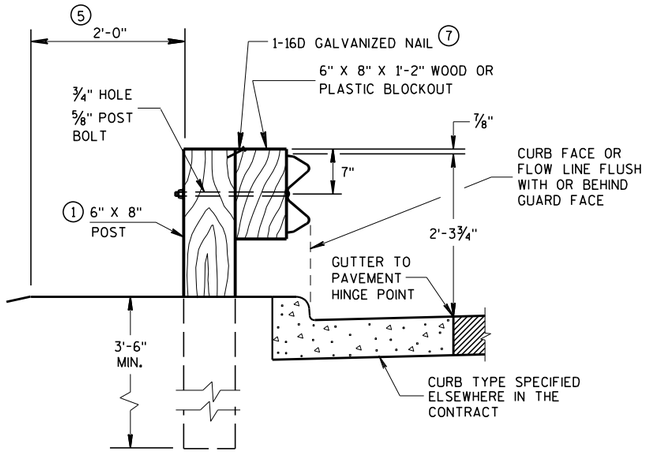
ALL DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES EXCEPT WHERE ALLOWABLE TOLERANCES ARE SHOWN.



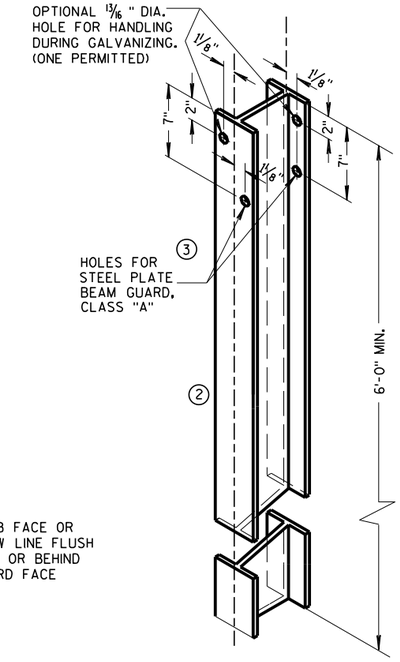
END VIEW
LOCATED ALONG A ROADWAY SHOULDER
STANDARD INSTALLATION



END VIEW
SETTING STEEL OR WOOD POST IN ROCK (6)

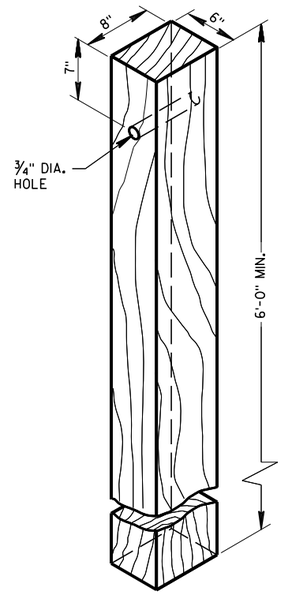


END VIEW
LOCATED ALONG A CURBED ROADWAY

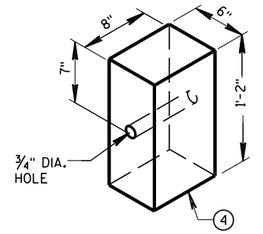


STEEL POST &
HOLE PUNCHING DETAIL
(W6 X 9) (1)

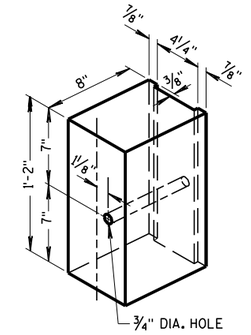
ALL HOLES 13/16" DIAMETER EXCEPT AS NOTED



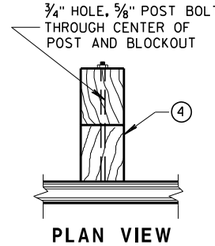
WOOD POST
(6"X8") NOMINAL



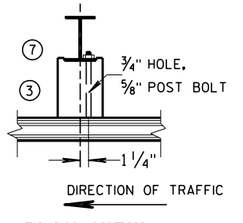
WOOD OR PLASTIC
BLOCKOUT FOR
WOOD POSTS



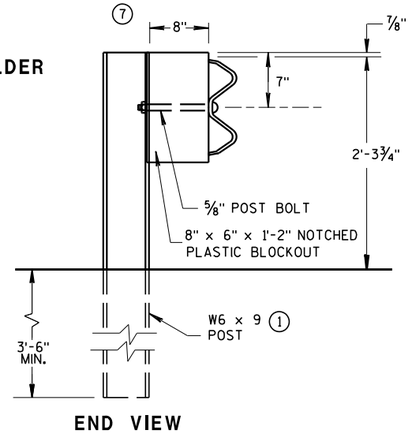
TYPICAL NOTCHED
PLASTIC BLOCKOUT
FOR STEEL POSTS (1)



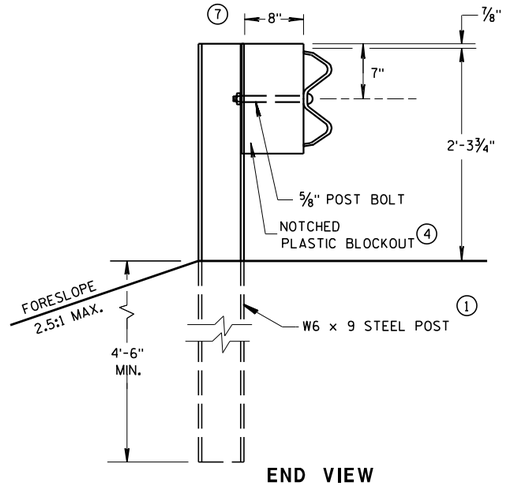
PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



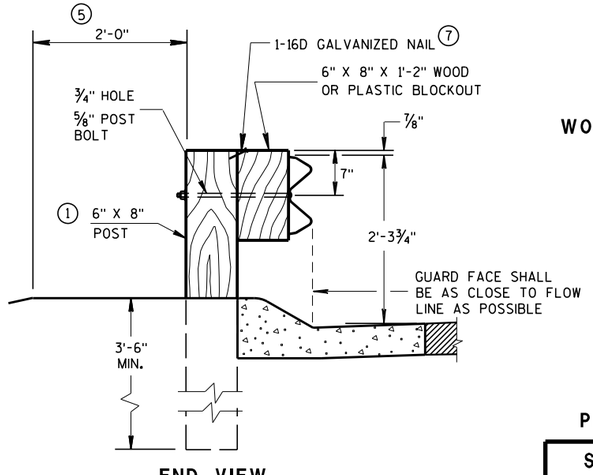
PLAN VIEW
STEEL POST, NOTCHED
PLASTIC BLOCKOUT & BEAM



END VIEW
STEEL POST & NOTCHED
PLASTIC BLOCKOUT ALTERNATIVE
STANDARD INSTALLATION



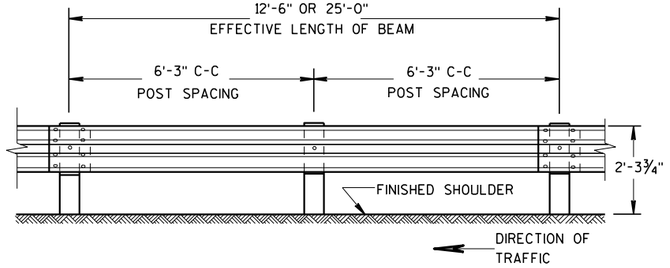
END VIEW
LONGER POST AT HALF
POST SPACING W BEAM
(LHW)



END VIEW
LOCATED ALONG A
MOUNTABLE CURBED ROADWAY

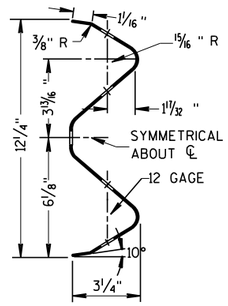
TYPICAL INSTALLATION OF STEEL PLATE BEAM GUARD

STEEL PLATE BEAM GUARD,
CLASS "A"
INSTALLATION & ELEMENTS

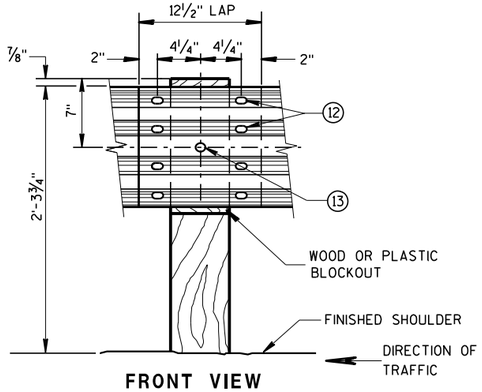


FRONT VIEW

POST SPACING STANDARD INSTALLATION



SECTION THRU W BEAM



FRONT VIEW

BEAM SPLICE AT WOOD POST AND POST MOUNTING DETAIL

GENERAL NOTES

FURNISH GUARDRAIL DEFLECTORS FROM APPROVED PRODUCTS LIST.

(9) DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINA. START REFLECTORS AT POST #9 AND SPACE EVENLY EVERY 100 FEET (MAX.) TO THE END OF GUARDRAIL RUN, USING A MINIMUM OF 3 REFLECTORS.

(12) 8 -5/8" ϕ X 2" BUTTON HEAD BOLTS WITH OVAL SHOULDERS & RECESS NUTS.

(13) 5/8" DIA. BUTTON HEAD BOLT AND RECESS NUT WITH 5/8" DIA. F844 FLAT WASHER UNDER NUT.

FRONT VIEW

POST SPACING FOR LONGER POST AT HALF POST SPACING W BEAM (LHW)

FRONT VIEW

BEAM SPLICE AT STEEL POST

TYPICAL SPLICING DETAILS OF STEEL PLATE BEAM GUARD

NESTED W BEAM (NW)

USE ALL OTHER STANDARD BEAM GUARD DETAILS FOR CONSTRUCTING NESTED W BEAM (NW)

* USE DOUBLE SIDED WHITE GUADRAIL REFLECTORS ON ROADWAYS WITH BI-DIRECTIONAL TRAFFIC (NO MEDIAN). USE SINGLE SIDED WHITE (RIGHT SIDE) AND SINGLE SIDED YELLOW (LEFT SIDE) ON ROADWAYS WITH MEDIAN SEPARATION.

4" X 12" GUARDRAIL REFLECTOR DETAIL AND TYPICAL INSTALLATION *

4"x 12" GUARDRAIL REFLECTOR

STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS

STATE OF WISCO 335
DEPARTMENT OF TRANSPORTATION

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S.D.D. 14 B 15-11b

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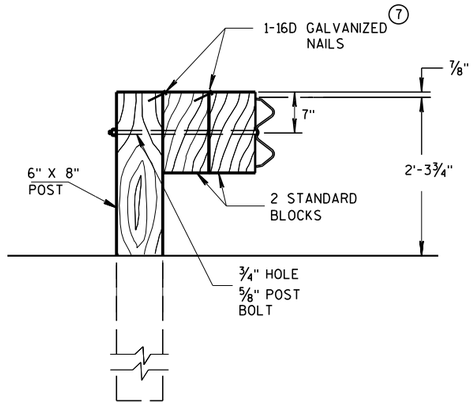
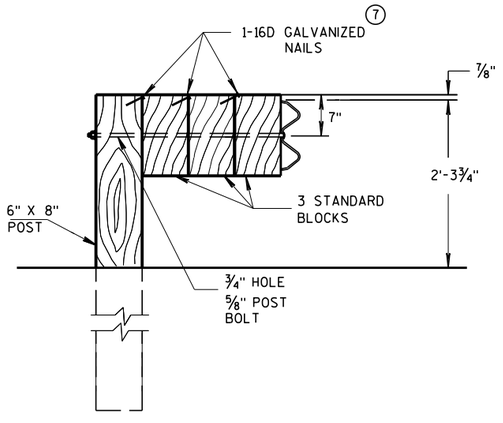
S.D.D. 14 B 15-11b



DETAIL FOR DOUBLE BLOCKS

THE NUMBER OF DOUBLE BLOCK POSTS WITHIN A BARRIER RUN IS UNLIMITED

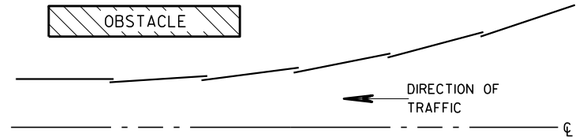


DETAIL FOR TRIPLE BLOCKS

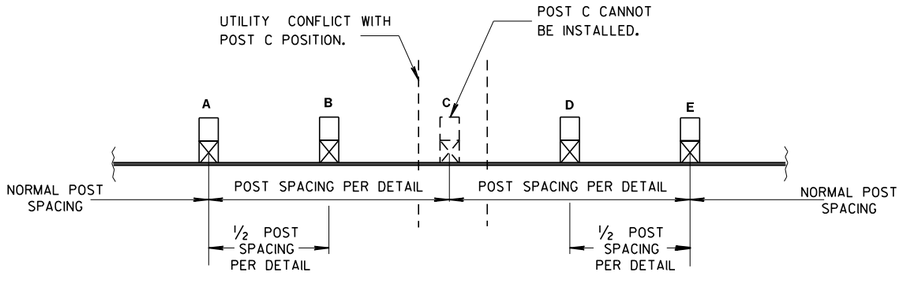
TRIPLE BLOCK DETAIL IS LIMITED TO ONE LOCATION WITHIN A BEAM GUARD RUN.

NOTES: USE DOUBLE OR TRIPLE BLOCKS WHEN UNDERGROUND OBSTACLES PREVENT THE POST FROM BEING INSTALLED.

DO NOT USE EXTRA BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.



PLAN VIEW
BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION

STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVISOR
FHWA

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S.D.D. 14 B 15-11c

BILL OF MATERIALS

NOTE NO.	DESCRIPTION
①	WOOD BREAKAWAY TERMINAL POST: 5½" X 7½" X 3'-9"
②	STEEL TUBE TS 8" X 6" X 0.188", 6'-0"
④	WOOD BREAKAWAY CRT POST: 6" X 8" X 6'-0"
⑤	WOOD OFFSET BLOCKS: 6' X 8" X 1'-2"
⑥	PIPE SLEEVE: 2" X 5 ½" STANDARD PIPE
⑦	BEARING PLATE
⑧	BCT CABLE ASSEMBLY
⑨	CABLE ANCHOR BOX
⑩	STRUT & YOKE
⑪	STEEL PLATE BEAM, END PANEL 12 GA.
⑫	STEEL PLATE BEAM: 12 GA. 13'-6½"
⑬	IMPACT HEAD
⑭	0.040" ALUMINUM SHEET WITH REFLECTIVE SHEETING TYPE F PER SECTION 637 OF THE STANDARD SPECIFICATIONS

GENERAL NOTES

FOLLOW MANUFACTURE'S BOLTING RECOMMENDATIONS.

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL), AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED.

(D) THE TOP OF THE STEEL TUBE ON POSTS 1 AND 2 SHALL NOT BE MORE THAN 3" ABOVE THE FINISH GROUND ELEVATION.

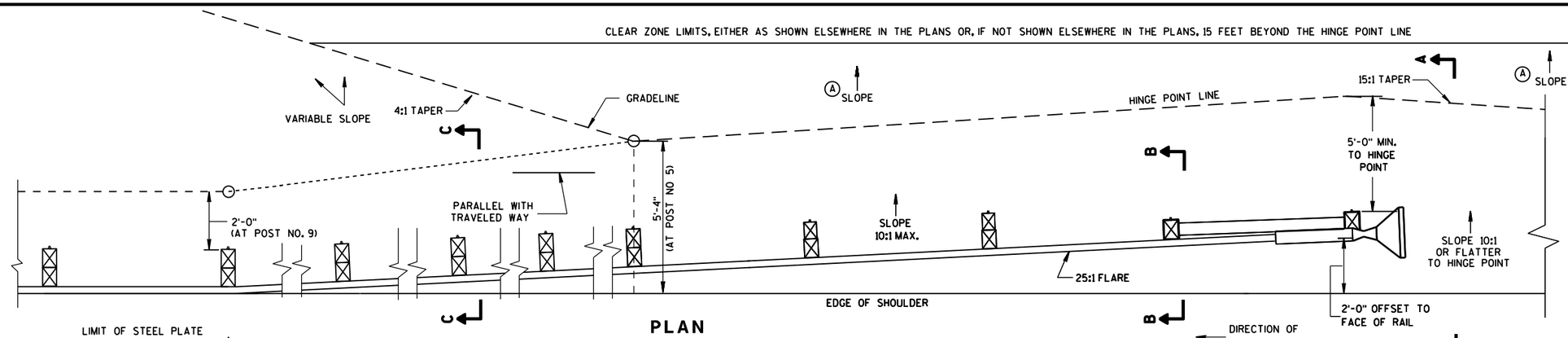
(E) THE CENTER OF THE UPPER 3½" DIAMETER HOLE ON POST 3 THROUGH 8 SHALL BE ¾" ABOVE THE FINISHED GROUND LINE.

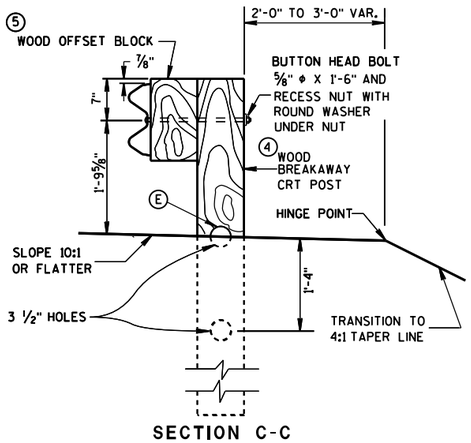
(F) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF-TAPPING SCREWS. ONE SCREW PER CORNER.

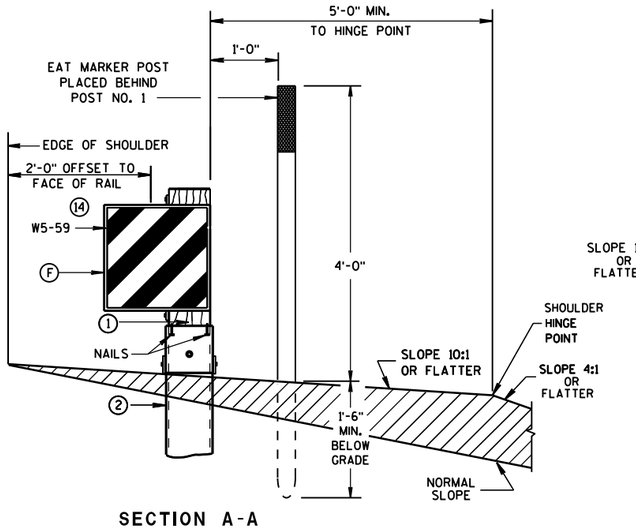
STEEL POSTS SHALL NOT BE ALLOWED FOR USE WITH ENERGY ABSORBING TERMINALS.

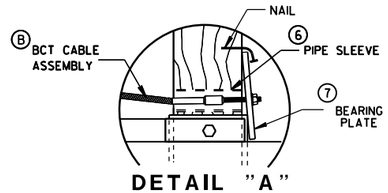
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

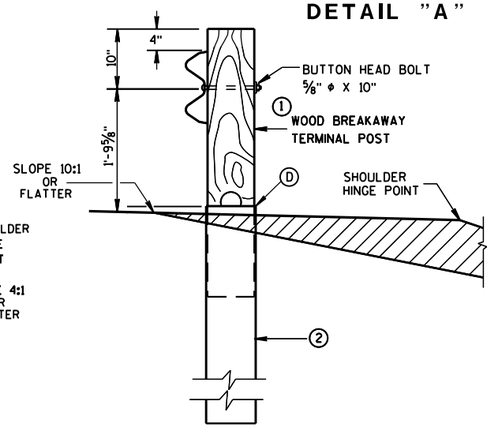
* DO NOT ATTACH BLOCKOUTS TO POSTS 1 AND 2.

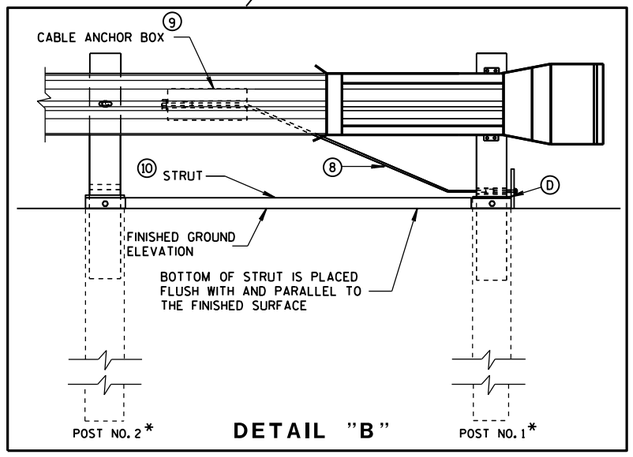










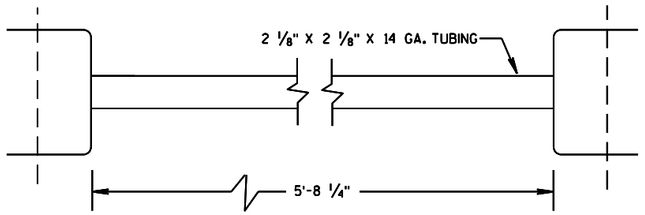


STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL

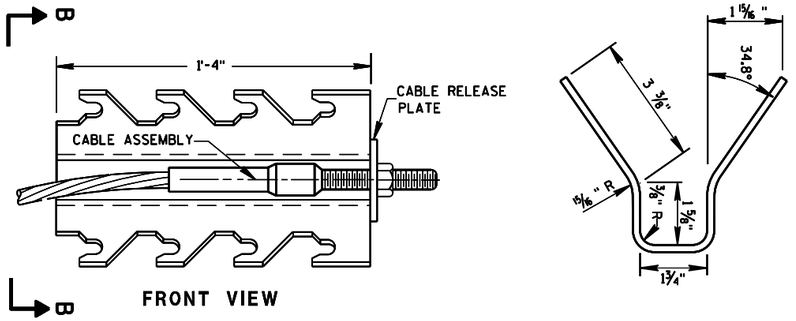
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

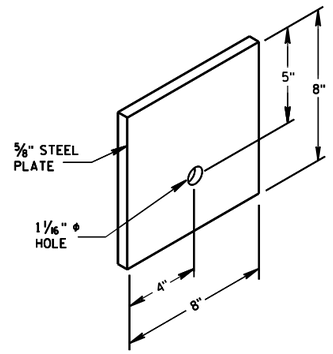
S.D.D. 14 B 24-9a



⑩ STRUT DETAIL



⑨ CABLE ANCHOR BOX



⑦ STEEL BEARING PLATE

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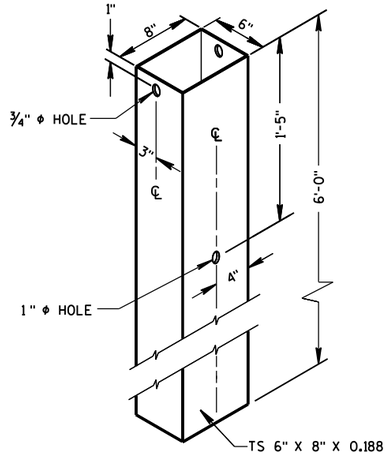
S.D.D. 14 B 24-9b

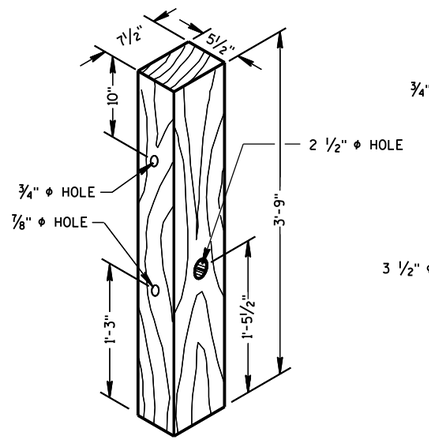
S.D.D. 14 B 24-9b

STEEL PLATE BEAM GUARD
ENERGY ABSORBING TERMINAL

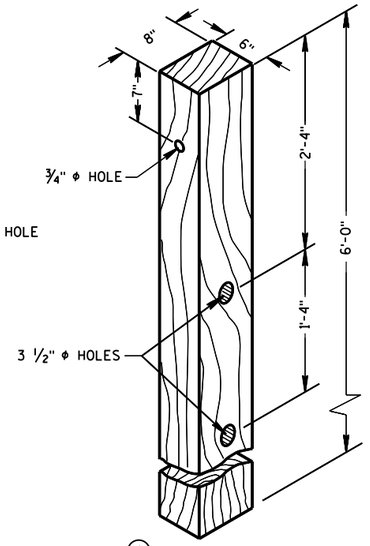
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI



② 72" STEEL TUBE
(POSTS NO. 1-2



① TERMINAL POST

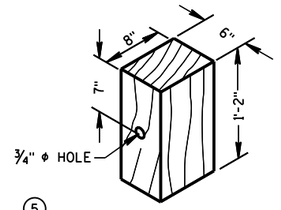


④ CRT POST
(POSTS NO'S 5-8

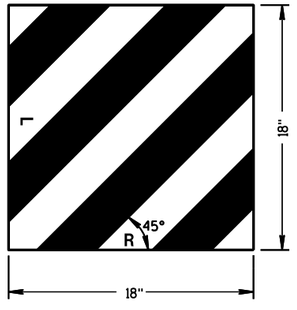
WOOD BREAKAWAY POSTS

GENERAL NOTES

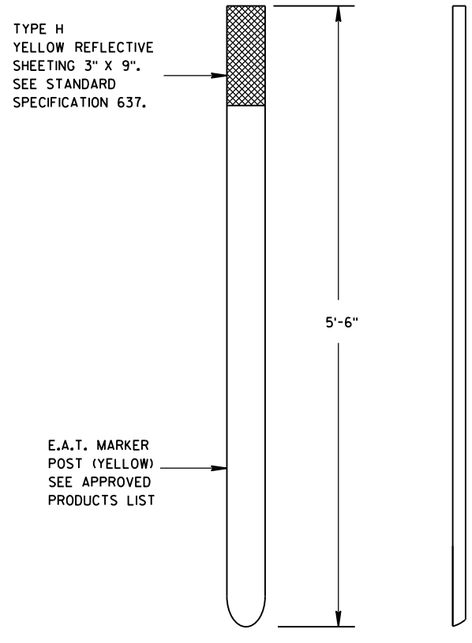
WHEN ROCK IS ENCOUNTERED DURING EXCAVATION, A 12 INCH DIA. POST HOLE EXTENDING 20 INCHES DEEP INTO THE ROCK MAY BE USED IF APPROVED BY THE ENGINEER. GRANULAR MATERIAL SHALL BE PLACED IN THE BOTTOM OF THE HOLE APPROXIMATELY 2 ½" INCHES DEEP TO PROVIDE DRAINAGE. THE SOIL TUBES SHALL BE FIELD CUT TO LENGTH, PLACED IN THE HOLE AND BACKFILLED WITH ADEQUATELY COMPACTED MATERIAL EXCAVATED FROM THE HOLE.



⑤ WOOD OFFSET BLOCK
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



⑭ REFLECTIVE SHEETING DETAILS



E.A.T. MARKER POST

STEEL PLATE BEAM GUARD
ENERGY ABSORBING TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS UNIT SUPERV...
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FHWA

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S.D.D. 14 B 24-9c

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S.D.D. 14 B 24-9c

(1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

(2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

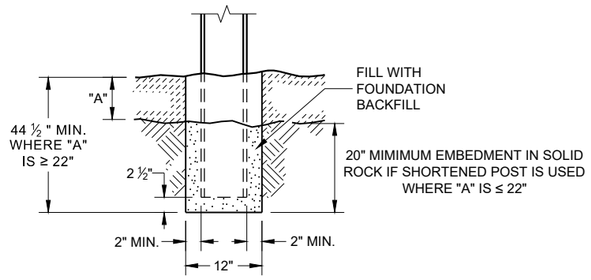
(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

(4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

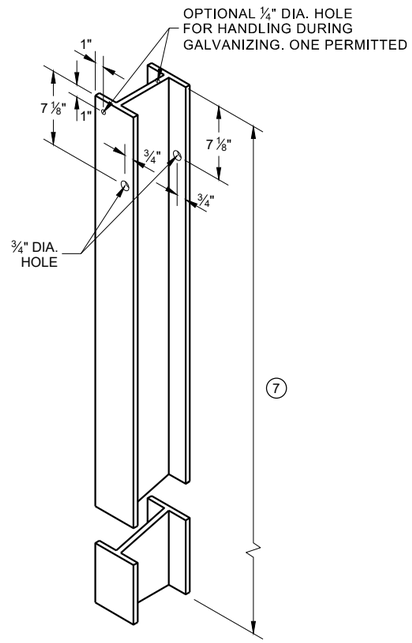
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ±1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 ¾" TO 32".

(6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

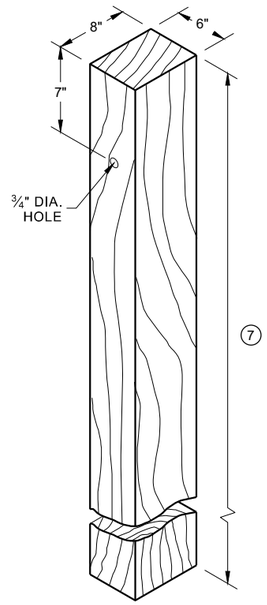
(7) TOTAL POST LENGTH FOR TYPE K IS 7' - 0".
TOTAL POST LENGTH FOR OTHER MGS TYPES IS 6' - 0".



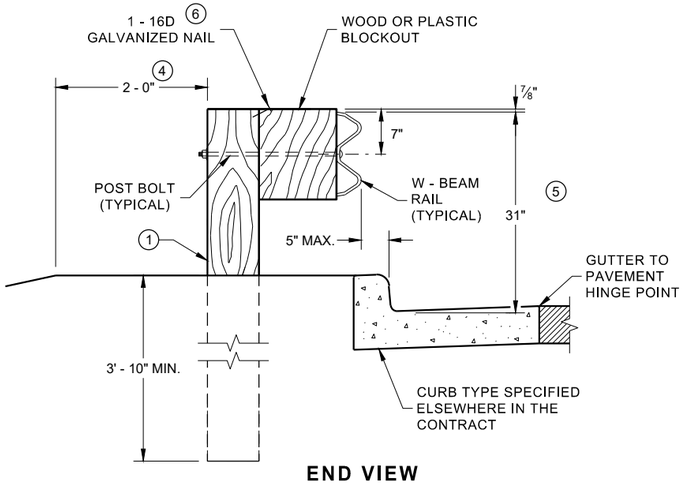
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (3)



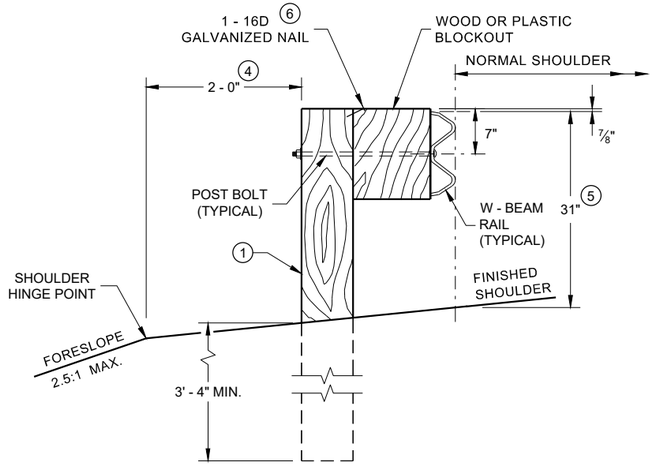
STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)



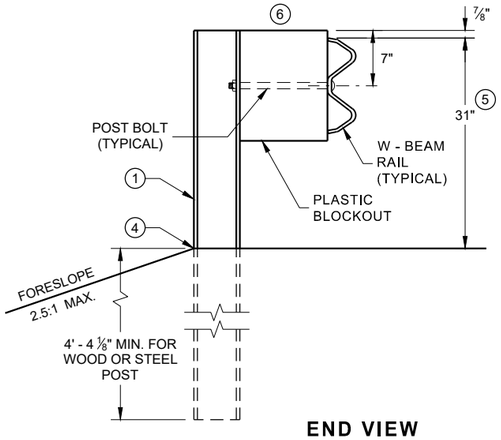
WOOD POST (6" X 8") NOMINAL (1)



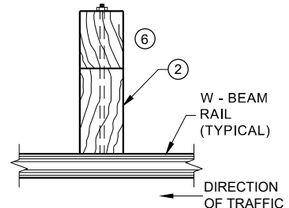
END VIEW
LOCATED ALONG A CURBED ROADWAY



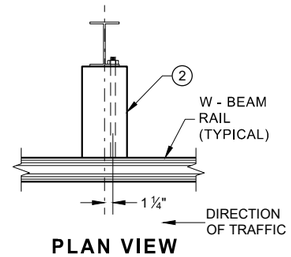
END VIEW
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



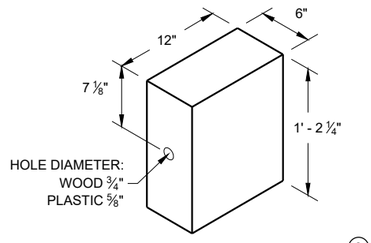
END VIEW
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



PLAN VIEW
STEEL POST, PLASTIC BLOCKOUT & BEAM



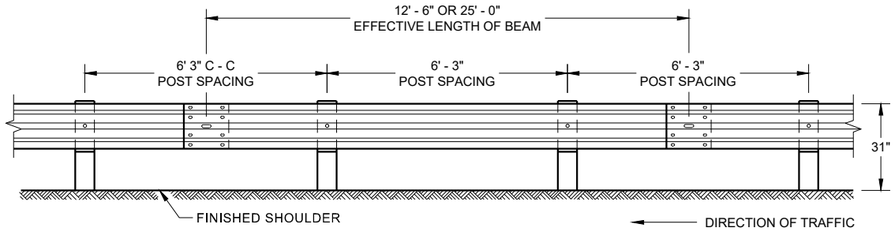
WOOD OR PLASTIC BLOCKOUT (2)

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

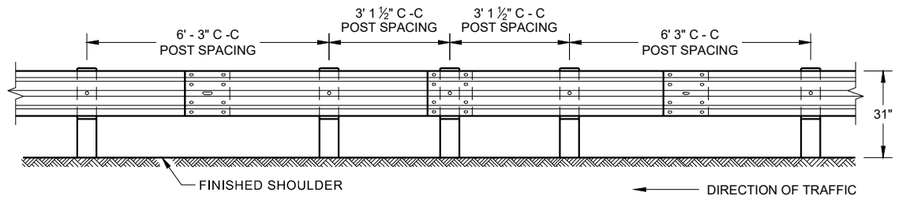
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B42 - 07a

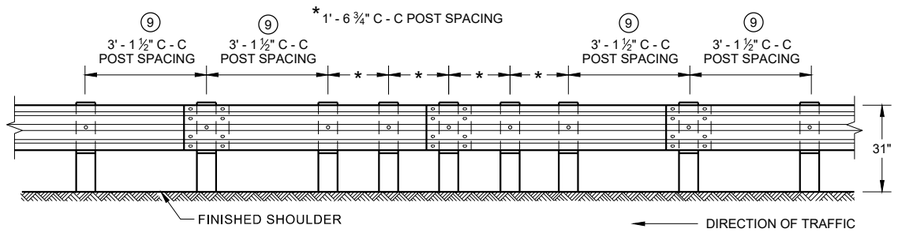
SDD 14B42 - 07a



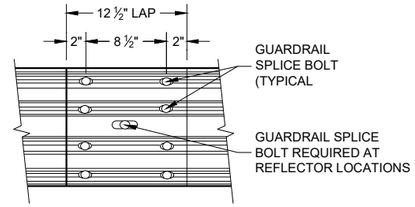
FRONT VIEW
POST SPACING STANDARD INSTALLATION



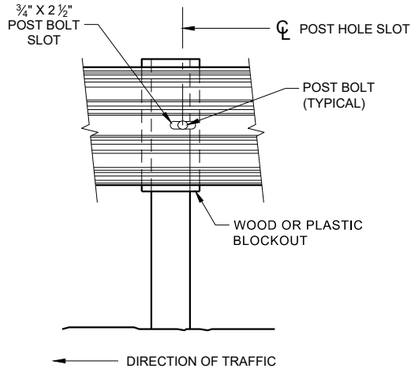
FRONT VIEW
HALF POST SPACING (HS) AND
HALF POST SPACING WITH LONGER POSTS (K)



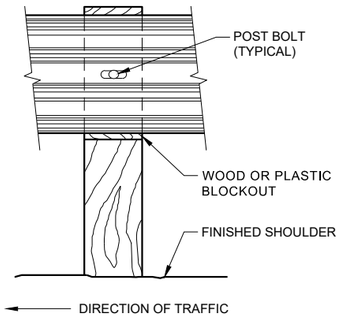
FRONT VIEW
QUARTER POST SPACING (QS)



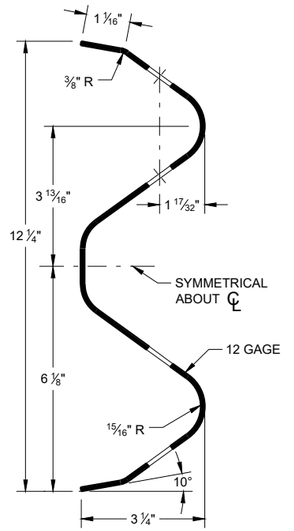
FRONT VIEW
MID-SPAN BEAM SPLICE



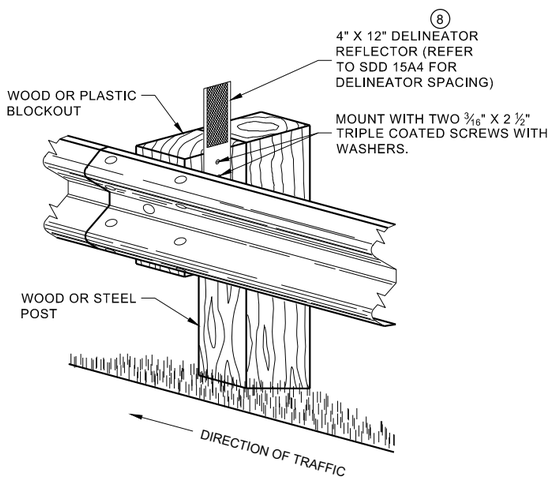
FRONT VIEW AT STEEL POST



FRONT VIEW AT WOOD POST



SECTION THRU W-BEAM RAIL



ONE SIDED REFLECTOR DETAIL
AND TYPICAL INSTALLATION

GENERAL NOTES

⑧ DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

⑨ 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

POST BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND ⅝" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

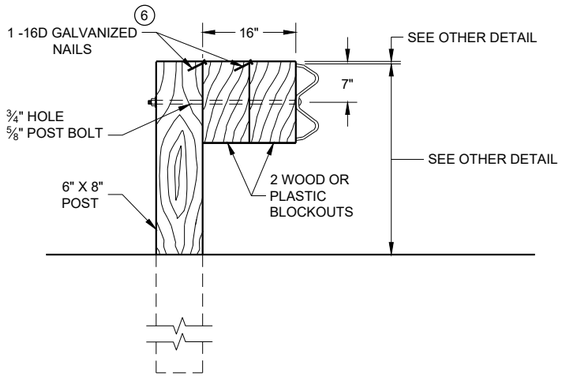
GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

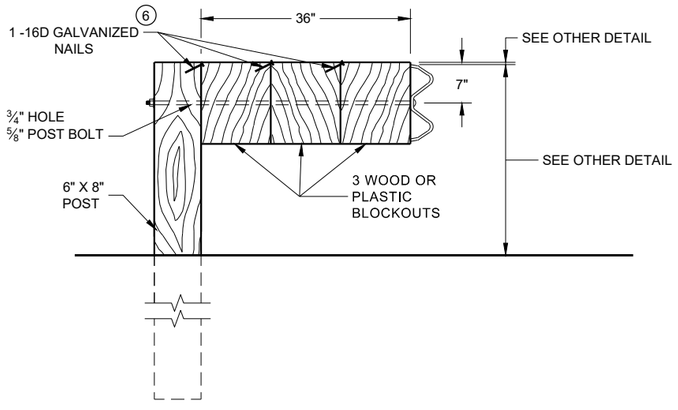
6

SDD 14B42 - 07b



DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.



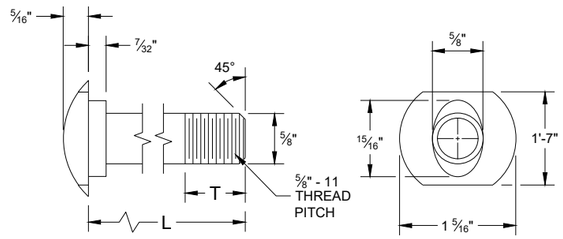
DETAIL FOR 36" BLOCKOUT DEPTH

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

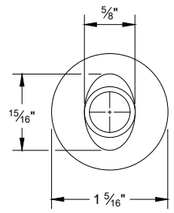
NOTE:

1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 3⁄16".
2. IF THE BOLT EXTENDS MORE THAN ¼" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

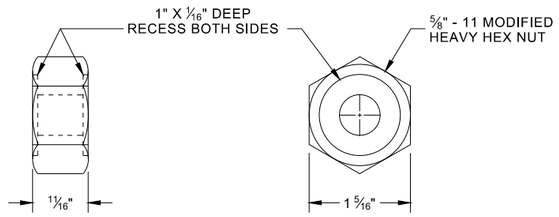


POST BOLT TABLE

L	T (MIN.)
1 ¼"	1 ⅛"
2"	1 ¾"
10"	4"
14"	4 1⁄16"
18"	4"
21"	4 1⁄16"
25"	4"

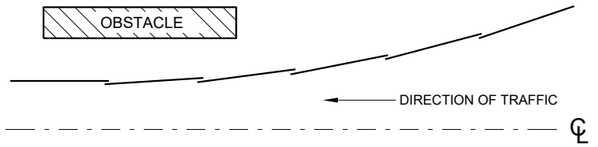


ALTERNATE BOLT HEAD

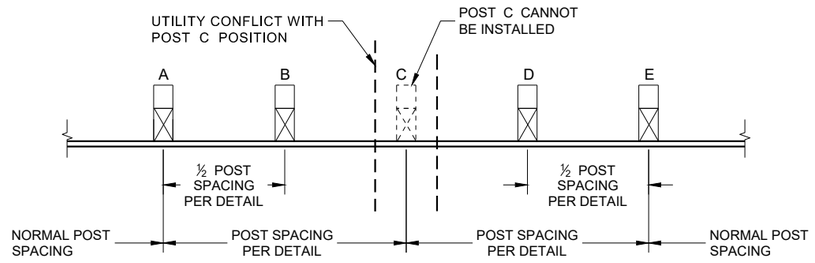


POST BOLT, SPLICE BOLT AND RECESS NUT

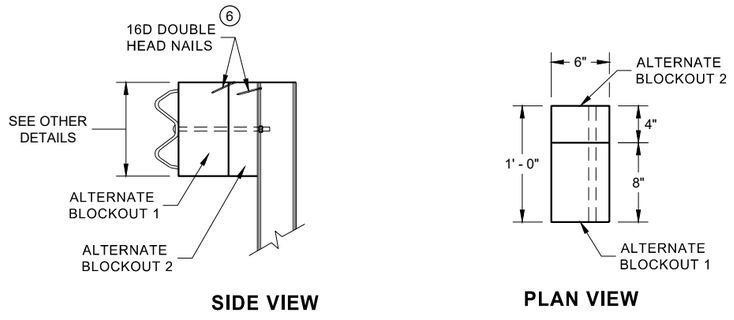
(6) WHEN USING STEEL POST AD WOOD BLOCKOUTS, INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.



PLAN VIEW
BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



SIDE VIEW

PLAN VIEW

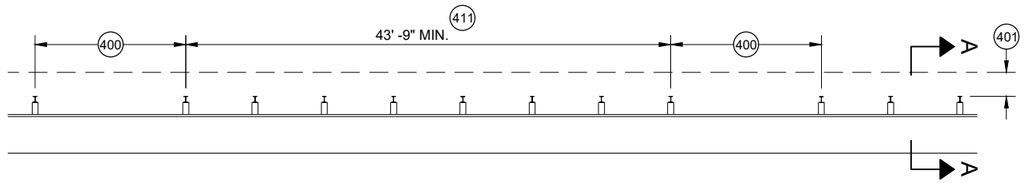
ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

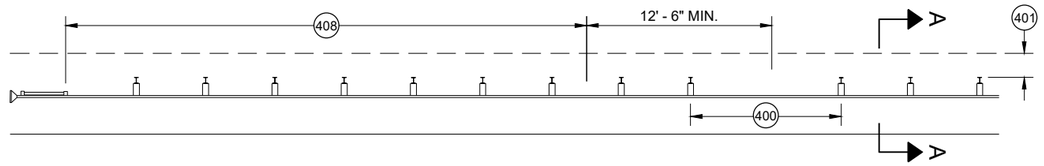
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

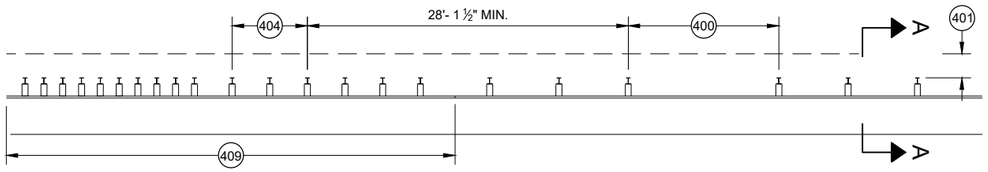
SDD 14B42 - 07c



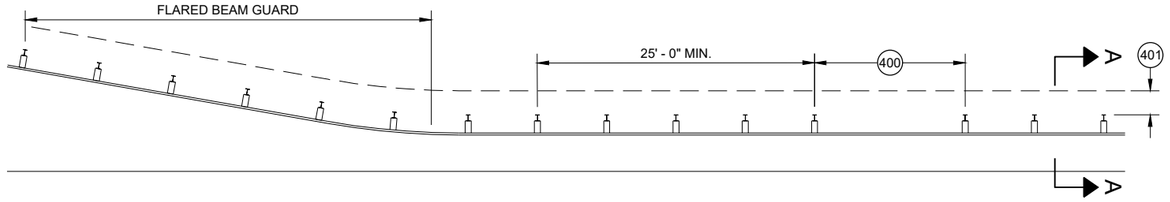
MISSING POST IN MGS GUARDRAIL



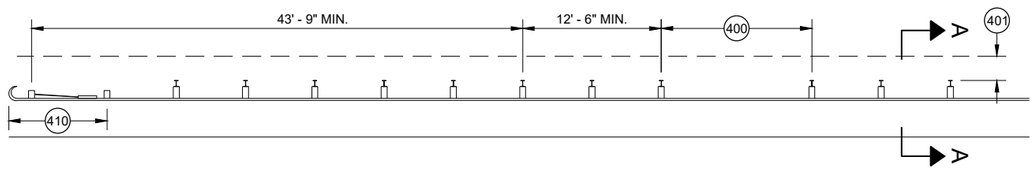
MISSING POST IN MGS GUARDRAIL NEAR EAT



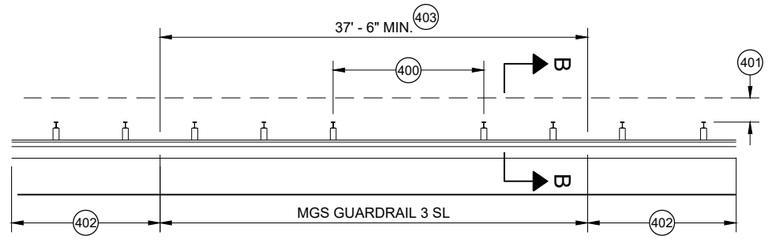
MISSING POST IN MGS GUARDRAIL NEAR AN APPROACH TRANSITION



MISSING POST IN MGS GUARDRAIL NEAR FLARED BEAM GUARD

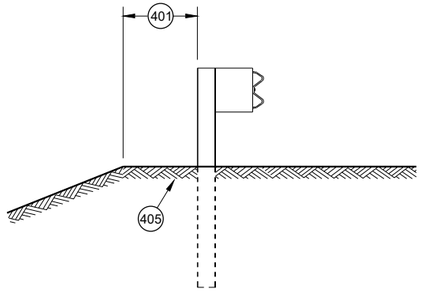


MISSING POST IN MGS GUARDRAIL NEAR A TYPE 2 END TERMINAL

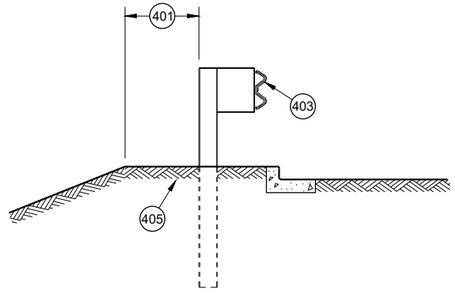


MISSING POST IN SHORT SPAN MGS GUARDRAIL NEAR CURB (SL) 407

(400) MAX SPAN 12' - 6"
(401) 2' MIN.
(402) MGS GUARDRAIL 3
(403) NESTING BEAM GUARD
(404) ASYMMETRIC TRANSITION
(405) SOIL WELL DRAINED AND COMPACTED
(406) SEE OTHER DRAWINGS IN THIS SDD
(407) SEE OTHER DRAWINGS FOR MIN. SPACING BETWEEN SPANS
(408) SEE SDD 14B44
(409) SEE SDD 14B45
(410) SEE SDD 14B47
(411) MINIMUM DISTANCE BETWEEN MISSING POST SPANS.



SECTION A - A 406



SECTION B - B 406

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

FHWA

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SDD 14B42 - 07d

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL) AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED

(C) DIFFERENT MANUFACTURERS REQUIRE DIFFERENT PERFORATED W - BEAM RAIL END PANELS. SEE MANUFACTURER'S INFORMATION.

(D) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF - TAPPING SCREWS. ONE SCREW PER CORNER.

(E) HARDWARE MAY VARY BETWEEN MANUFACTURER. SEE MANUFACTURER'S DRAWING FOR INFORMATION.

DIMENSIONS MAY VARY, MANUFACTURER'S INFORMATION.

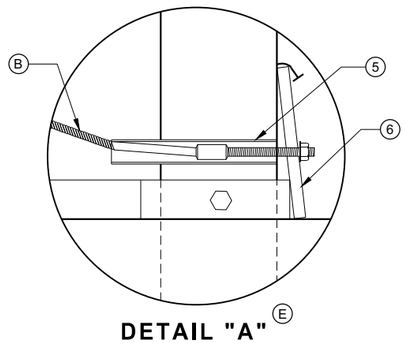
SEE SDD 14B42 FOR MORE INFORMATION.

* DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

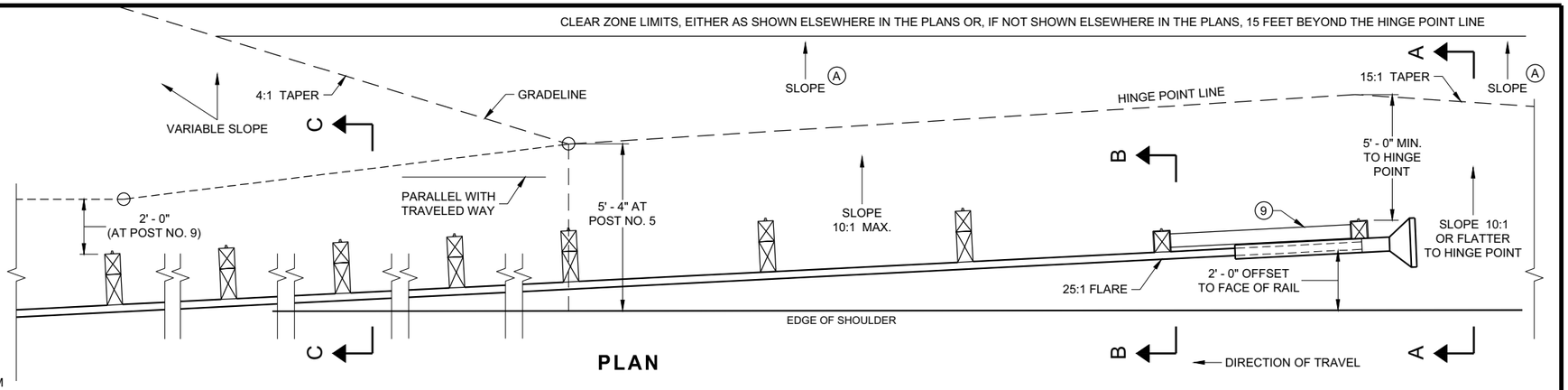
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

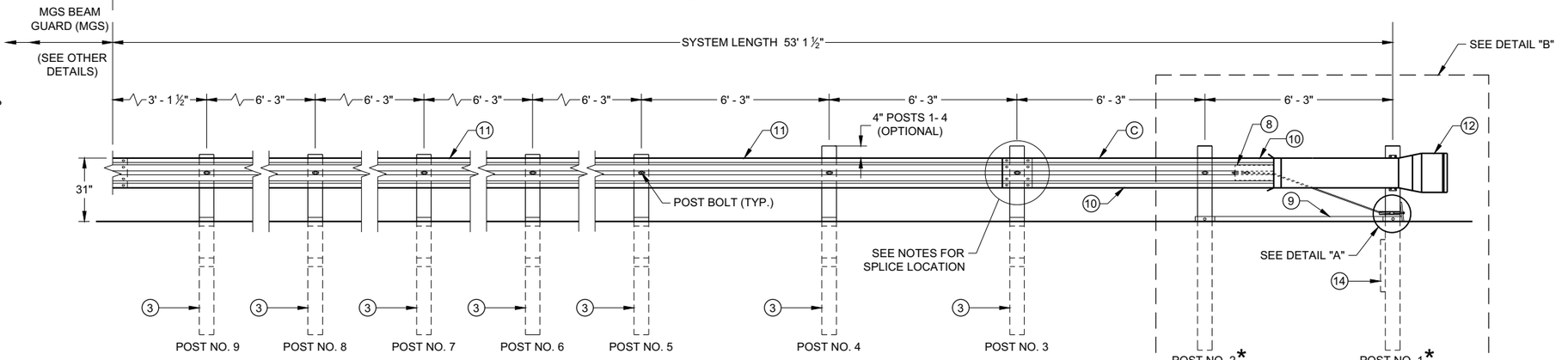
THE CENTER OF THE UPPER 3 ½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.



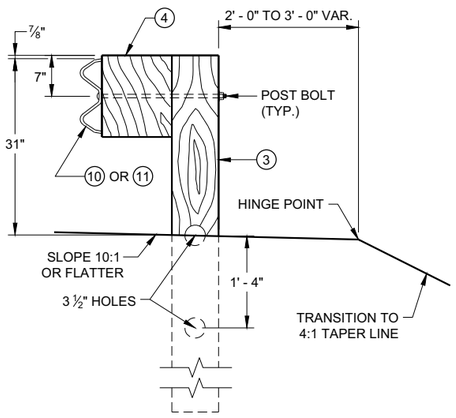
DETAIL "A" (E)



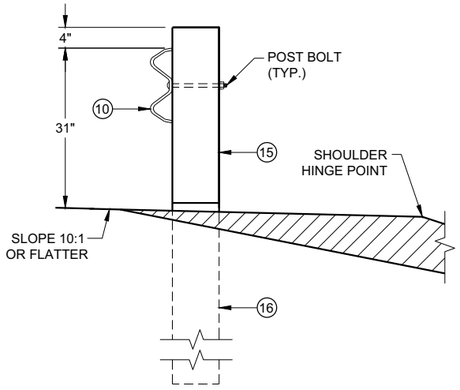
PLAN



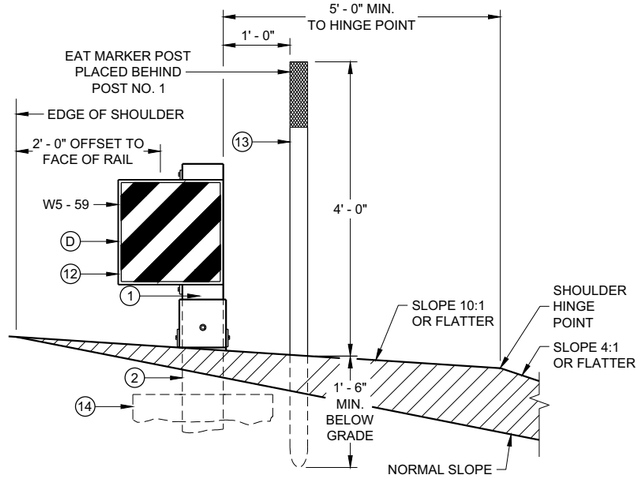
ELEVATION



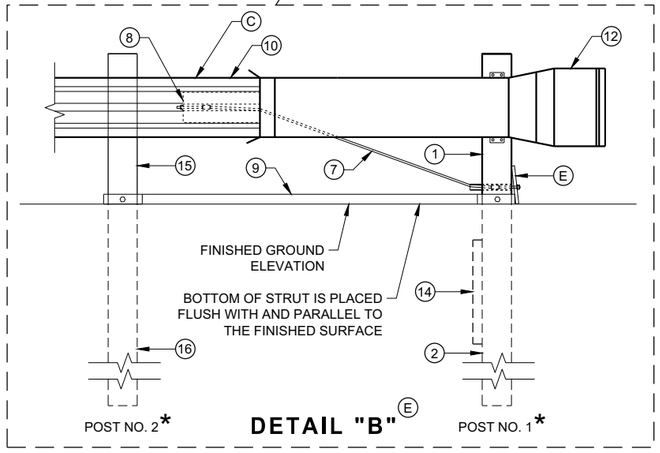
SECTION C - C
TYPICAL AT POST NOS. 3 - 9



SECTION B - B
TYPICAL AT POST NO. 2*



SECTION A - A
TYPICAL AT POST NO. 1*



DETAIL "B" (E)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B44 - 04a

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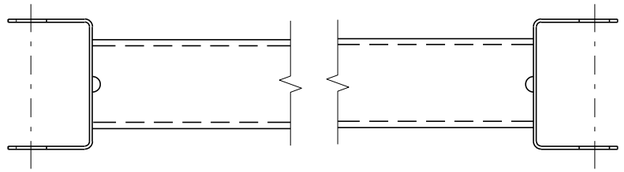
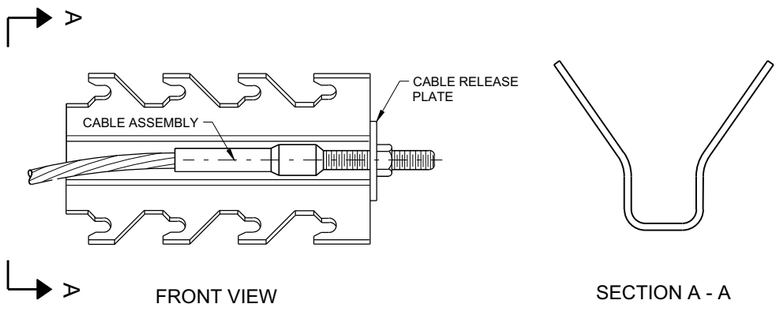


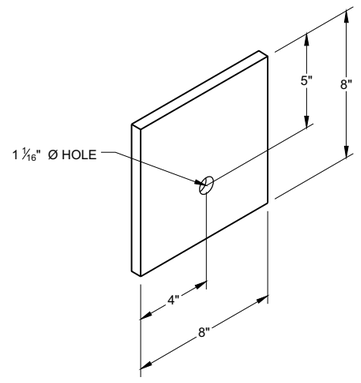
GENERIC GROUND STRUT ⑨ Ⓔ

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUGACTURER'S DETAILS FOR MORE INFORMATION.
①	UPPER POST NO. 1 6" X 6" TUBE
②	LOWER POST NO. 1
③	WOOD CRT
④	WOOD BLOCKOUT
⑤	PIPE SLEEVE
⑥	BEARING PLATE
⑦	BCT CABLE ASSEMBLY
⑧	ANCHOR CABLE BOX
⑨	GROUND STRUT
⑩	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
⑪	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
⑫	IMPACT HEAD
⑬	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
⑭	SOIL PLATE
⑮	UPPER POST NO. 2
⑯	LOWER POST NO. 2



GENERIC ANCHOR CABLE BOX ⑧ Ⓔ



BEARING PLATE ⑥ Ⓔ

6

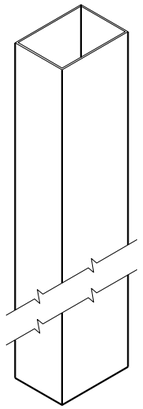
6

SDD 14B44 - 04b

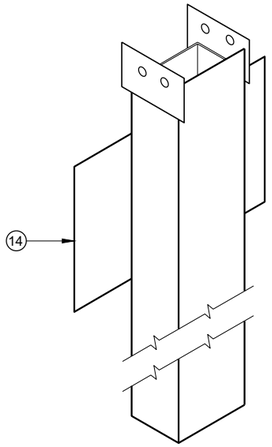
SDD 14B44 - 04b

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

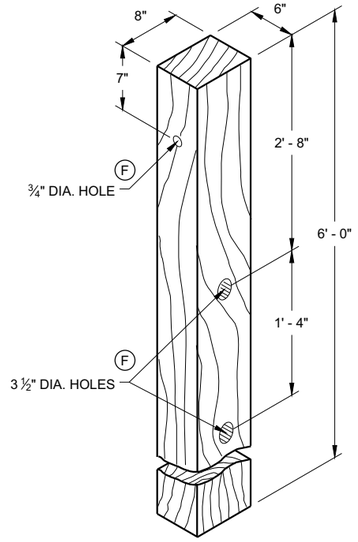
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



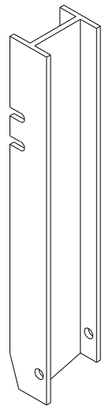
UPPER POST NO. 1 (1) (E)



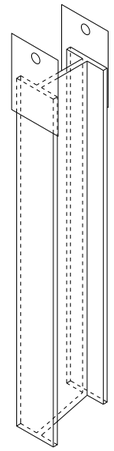
LOWER POST NO. 1 (2) (E)



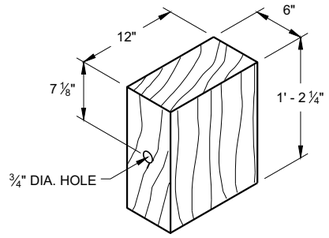
WOOD CRT POST (3) (E)
POSTS NUMBER 3-9



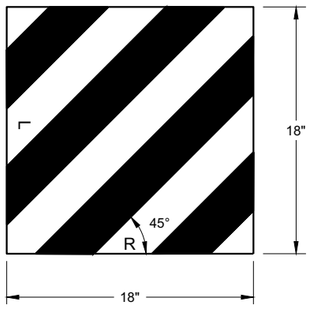
UPPER POST NO. 2 (15) (E)



LOWER POST NO. 2 (16) (E)

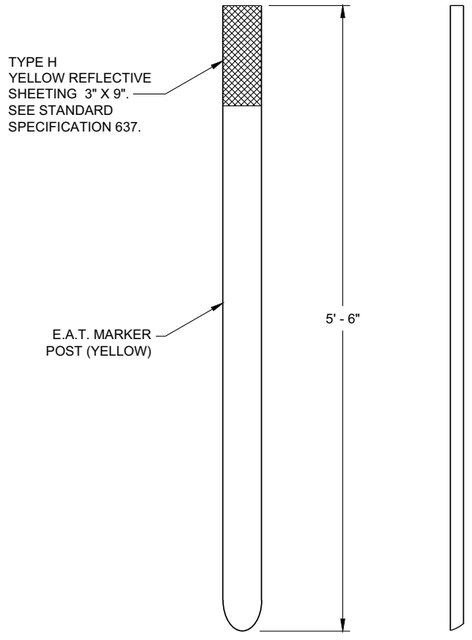


WOOD BLOCKOUT (4)
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



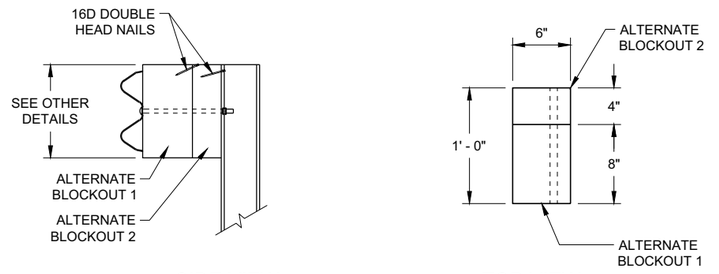
W5 - 59

REFLECTIVE SHEETING DETAIL (E)



FRONT VIEW SIDE VIEW

E.A.T. MARKER POST (13)



SIDE VIEW TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE UNIT SUPERVISOR
FHWA

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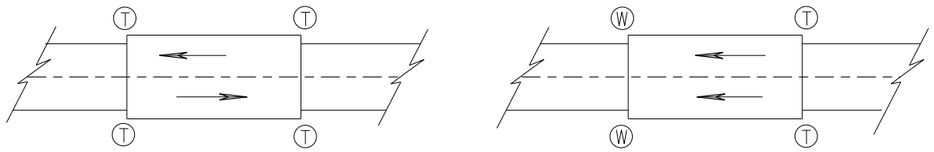
SDD 14B44 - 04c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

(T) THRIE BEAM CONNECTION

(W) W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

GENERAL NOTES

IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½", AND 12" DIAMETER AROUND POST. SEE 14B42 FOR MORE DETAILS.

TRANSITION USES STEEL POSTS ONLY.

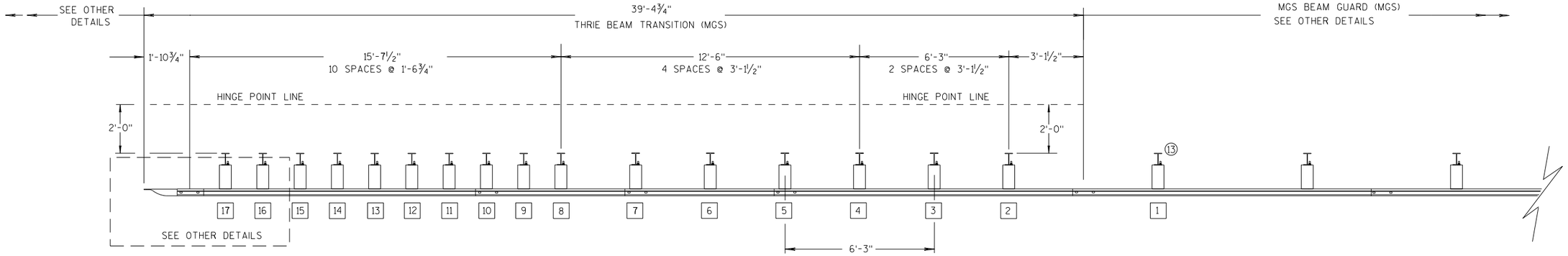
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

POST 2 THROUGH 17 USES STEEL POST ONLY

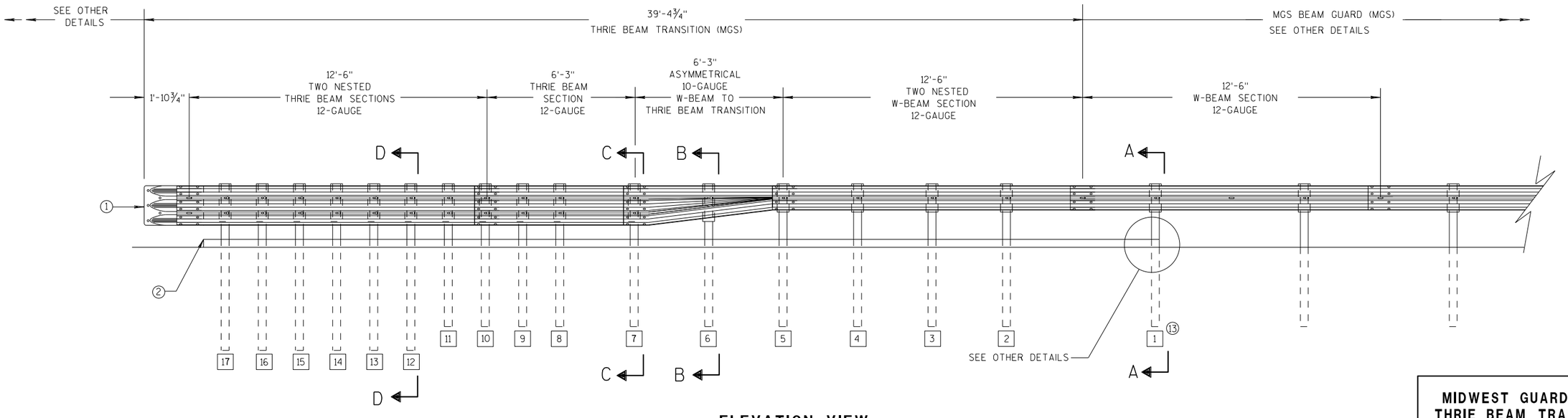
(1) BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD14B42



PLAN VIEW



ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 14 B 45-5a

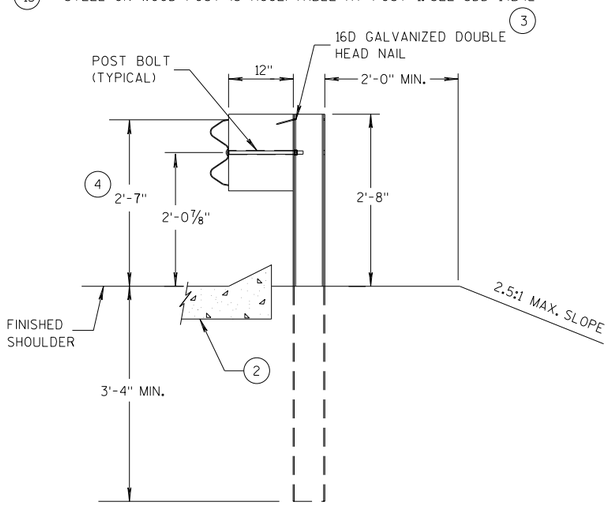
GENERAL NOTES

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 10D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

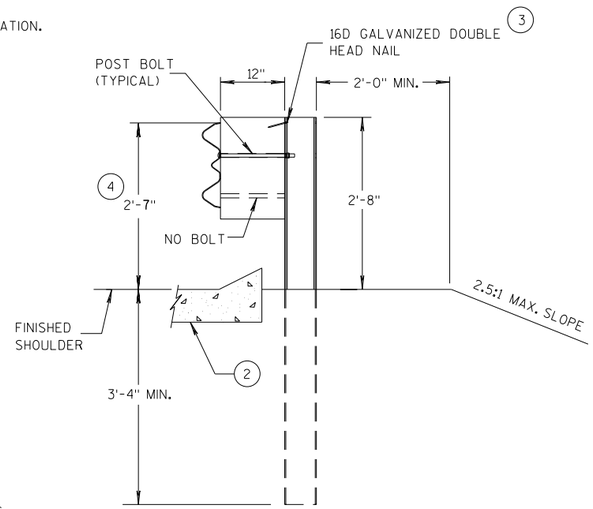
(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42



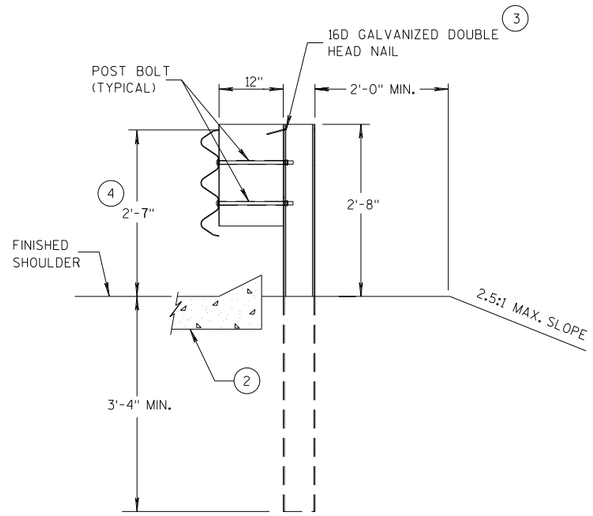
SECTION A-A (13)

POSTS 1-5



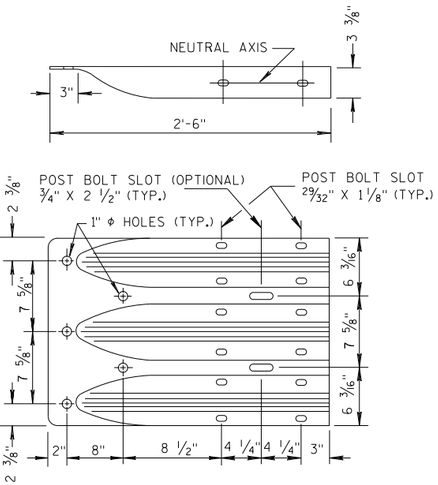
SECTION B-B

POST 6

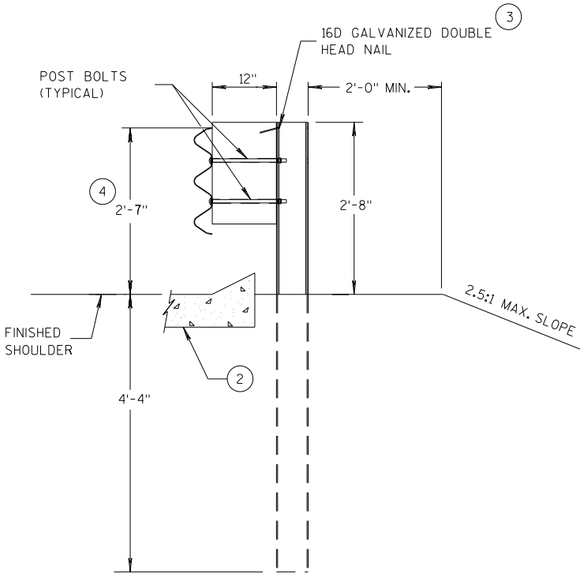


SECTION C-C

POSTS 7-11

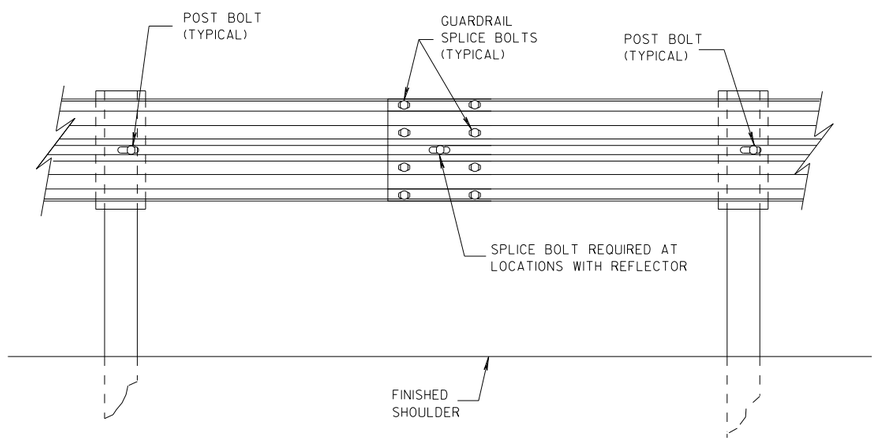


THRIE BEAM TERMINAL CONNECTOR



SECTION D-D

POSTS 12-17



SPLICE DETAIL

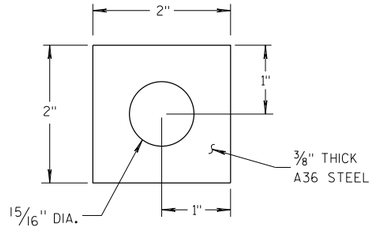
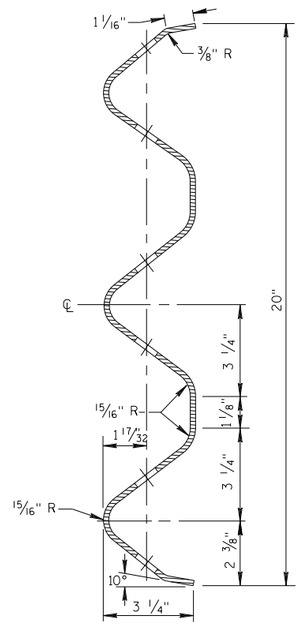


PLATE WASHER DETAIL



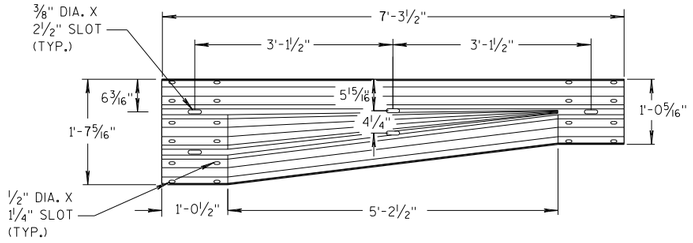
SECTION THRU THRIE BEAM RAIL ELEMENT

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

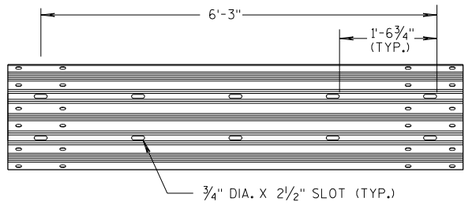
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOF

6

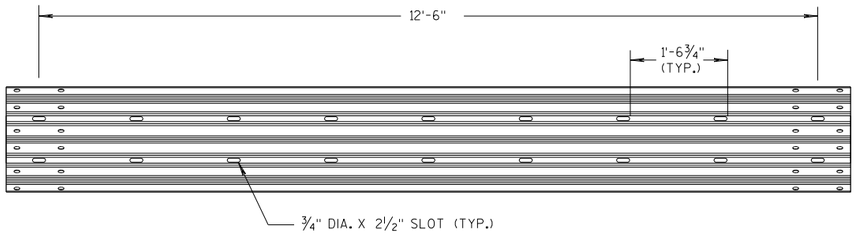
S.D.D. 14 B 45-5b



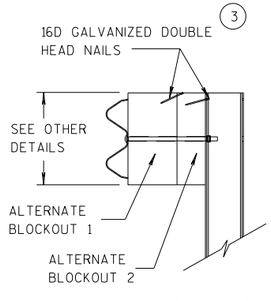
W-BEAM TO THRIE BEAM TRANSITION SECTION



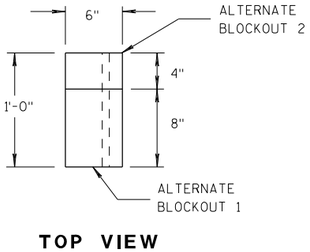
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

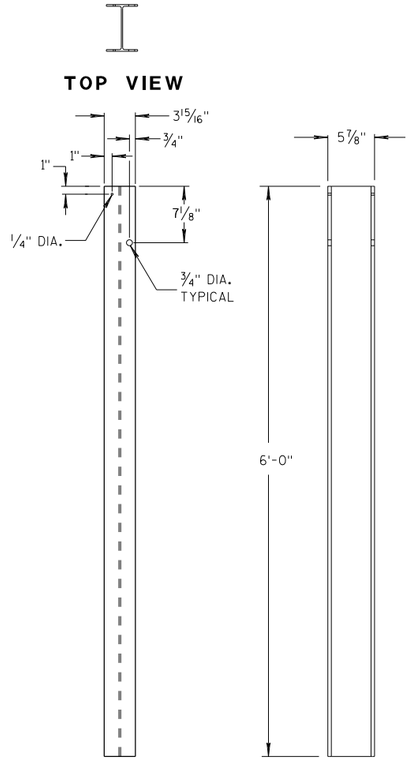


SIDE VIEW



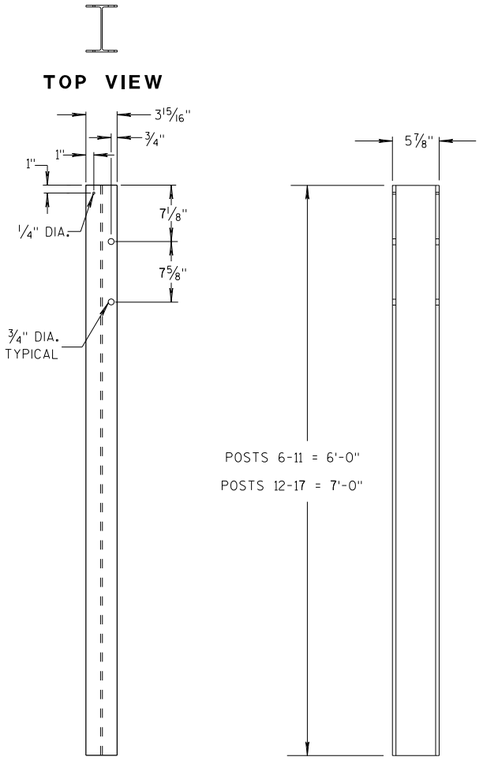
TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL



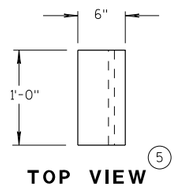
FRONT VIEW SIDE VIEW

STEEL POSTS 1-5 (13)

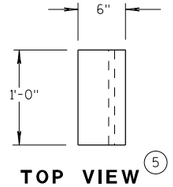


FRONT VIEW SIDE VIEW

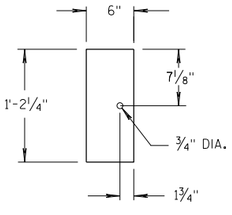
STEEL POSTS 6-17



TOP VIEW (5)

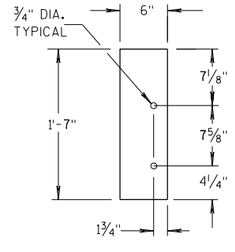


TOP VIEW (5)



FRONT VIEW

BLOCKOUT POSTS 1-5



FRONT VIEW

BLOCKOUT POSTS 6-17

GENERAL NOTES

STEEL POSTS ARE W6X9 OR W6X8.5.

BOLT HOLES FOR POST ARE ON FRONT AND OF SIDE OF POST.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

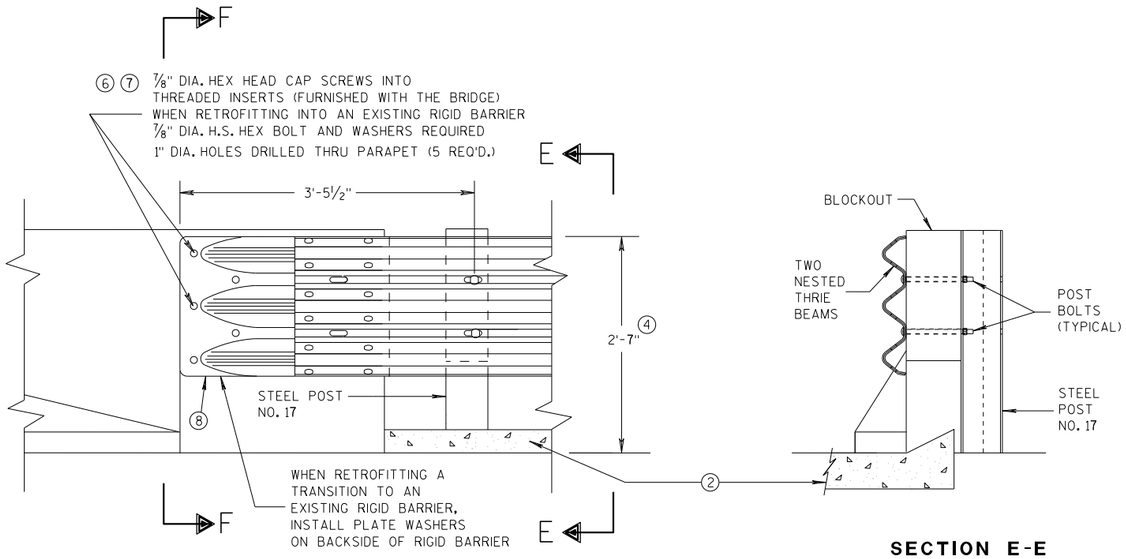
(5) WOOD BLOCKS MAY BE CONSTRUCTED OUT OF 2 WOOD BLOCKS. SEE ALTERNATE WOOD BLOCK DETAIL.

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6
S.D.D. 14 B 45-5c



FRONT VIEW

SECTION E-E

THRIE BEAM CONNECTION TO BRIDGE PARAPET WITH SQUARE ENDS

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

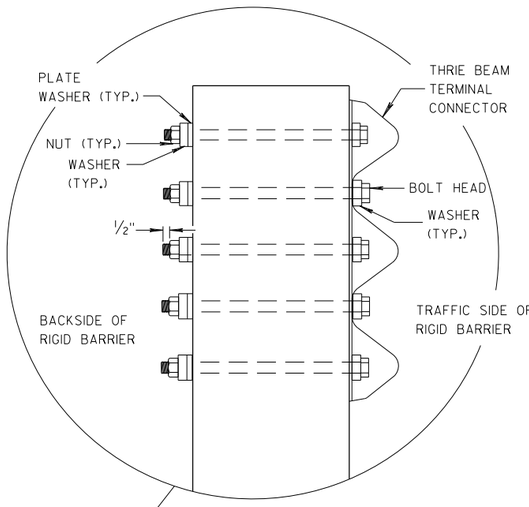
② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

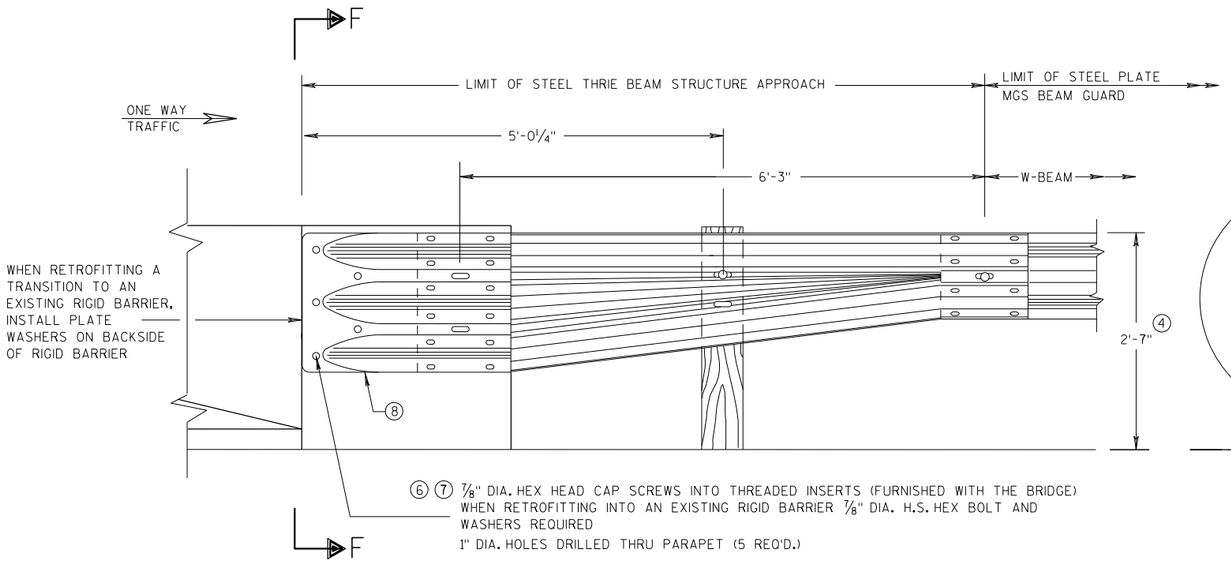
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

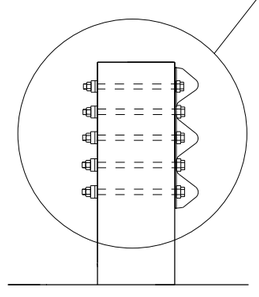
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

⑧ THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2".

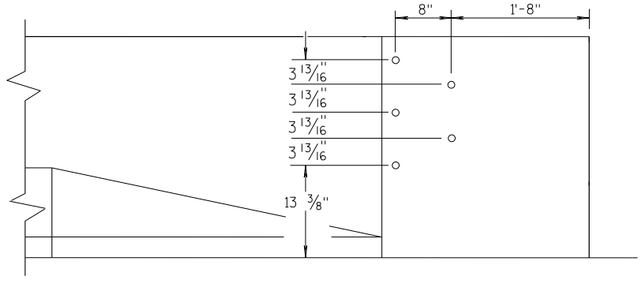




FRONT VIEW



SECTION F-F



DRILL HOLE LOCATION

W BEAM TRANSITION AND CONNECTION TO BRIDGE PARAPETS WITH SQUARE ENDS

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS D UNIT SUPERVIS
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FHWA

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S.D.D. 14 B 45-5d

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S.D.D. 14 B 45-5d

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

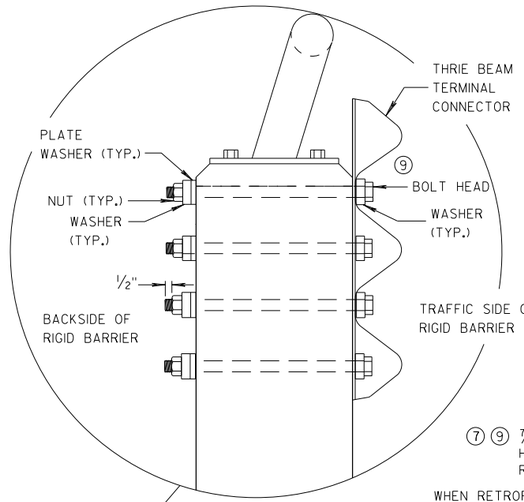
(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

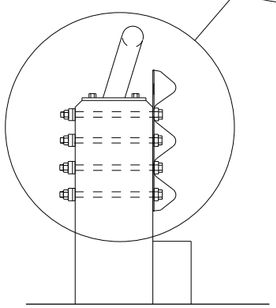
(6) DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

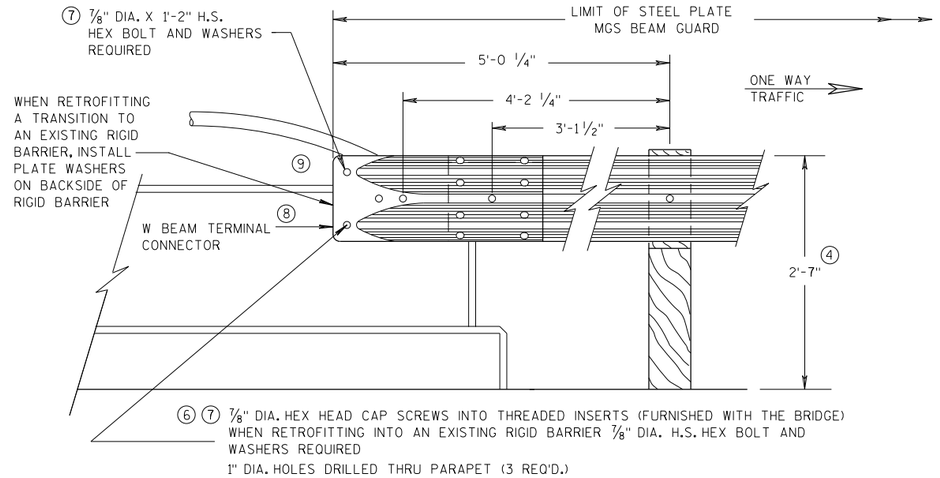
(8) THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 ½".

(9) BOLT, NUT AND WASHERS NOT REQUIRED FOR THIS LOCATION WHEN RETROFITTING AN EXISTING PAPAPET AND THE HOLE IS EITHER ABOVE PARAPET OR WITHIN 4 INCHES OF THE EDGE OF PARAPET.





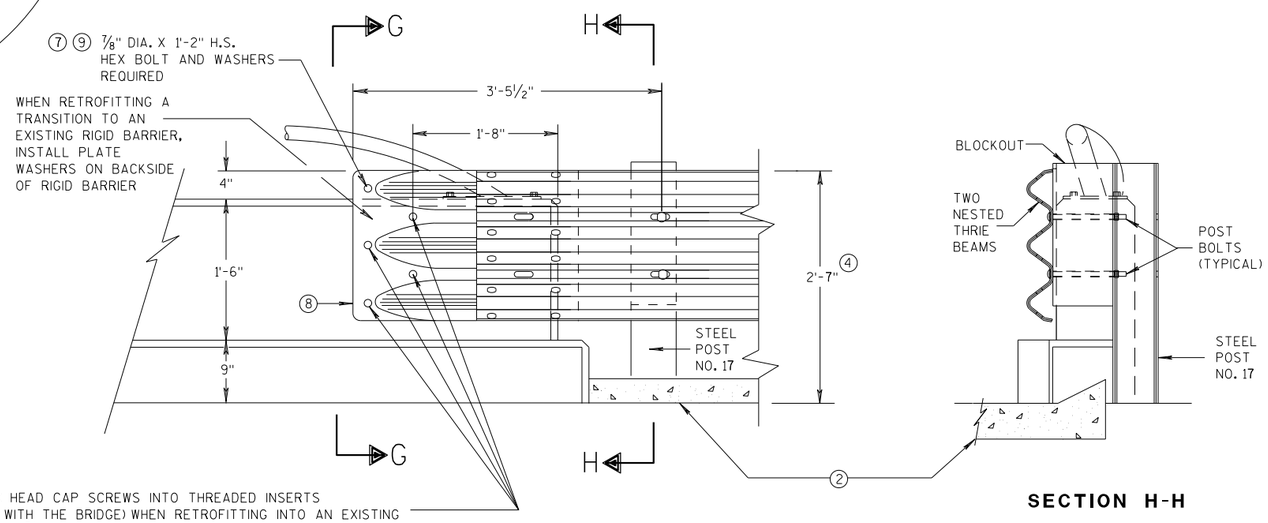
SECTION G-G



FRONT VIEW

W BEAM CONNECTION TO VERTICAL FACE PARAPET

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)



FRONT VIEW

SECTION H-H

THRIE BEAM CONNECTION TO VERTICAL FACED PARAPETS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018
DATE
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/S/ Rodney Taylor
ROADWAY STANDARDS D
UNIT SUPERVI

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S.D.D. 14 B 45-5e

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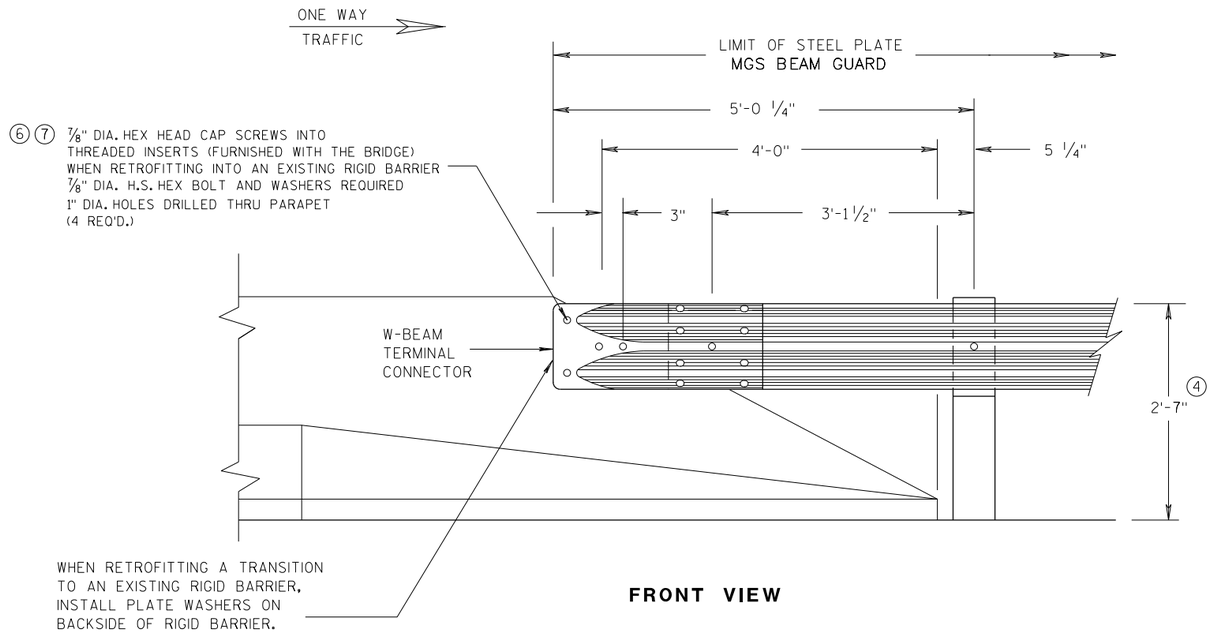
S.D.D. 14 B 45-5e



FRONT VIEW

W BEAM CONNECTION TO PARAPETS WITH SLOPED ENDS

(USE ONLY AT TRAFFIC EXIT END OF ONE WAY BRIDGE)

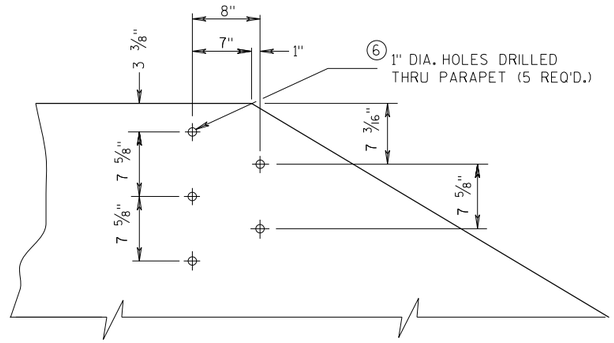
GENERAL NOTES

② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

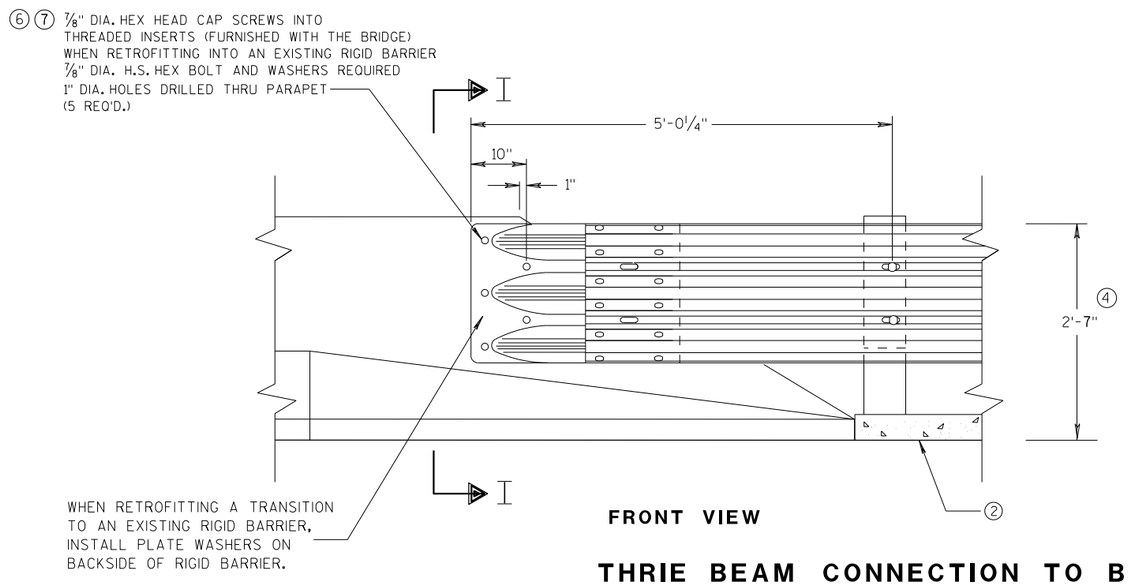
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

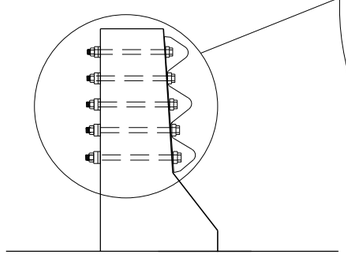
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



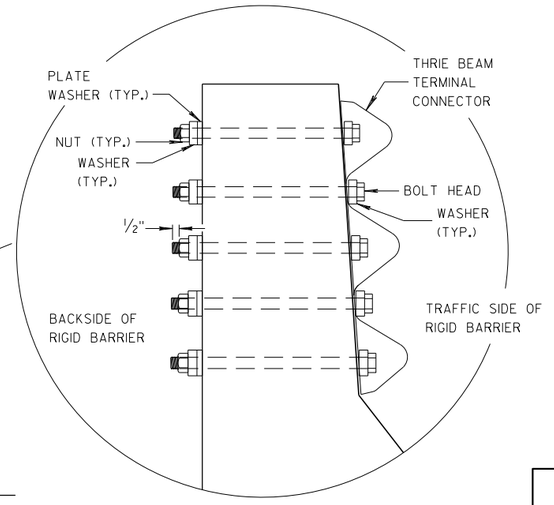
DRILL HOLE LOCATION AND PATTERN FOR THRIE BEAM CONNECTION



FRONT VIEW



SECTION I-I



THRIE BEAM CONNECTION TO BRIDGE PARAPETS WITH SLOPED ENDS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
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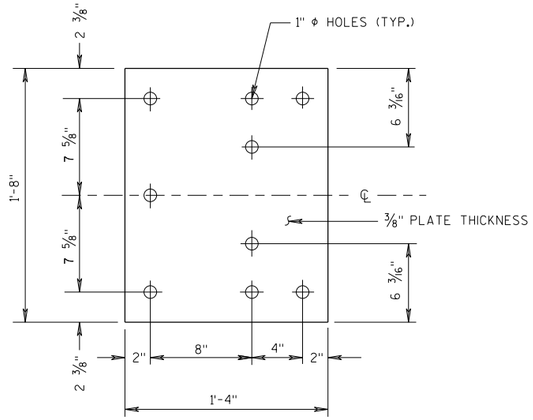
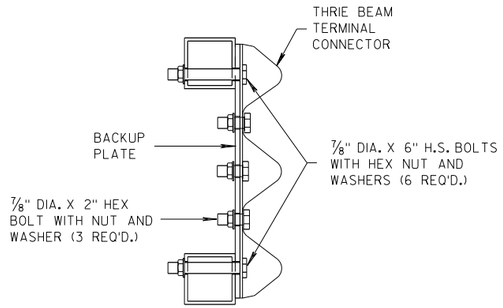
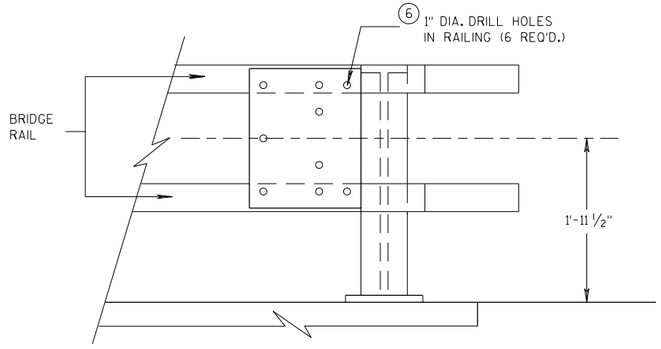


BACK-UP PLATE DETAIL



SECTION J-J

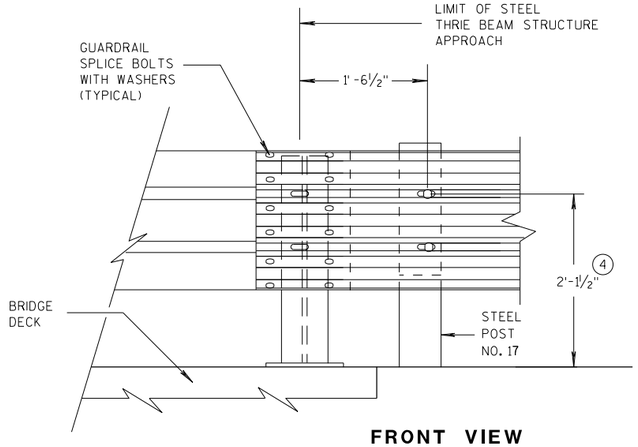


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING

GENERAL NOTES

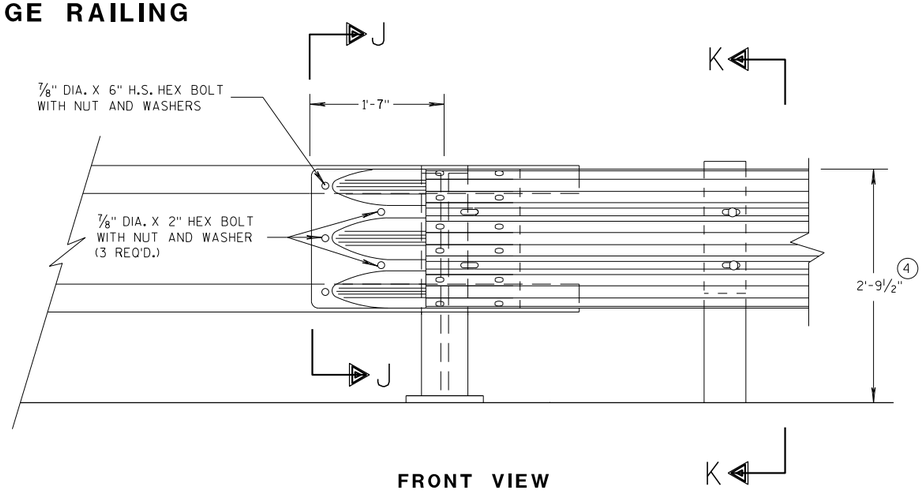
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING HOLES THROUGH THE PAPRPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

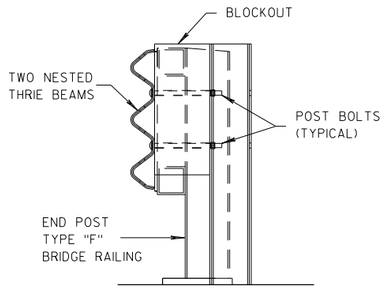


FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW



SECTION K-K

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
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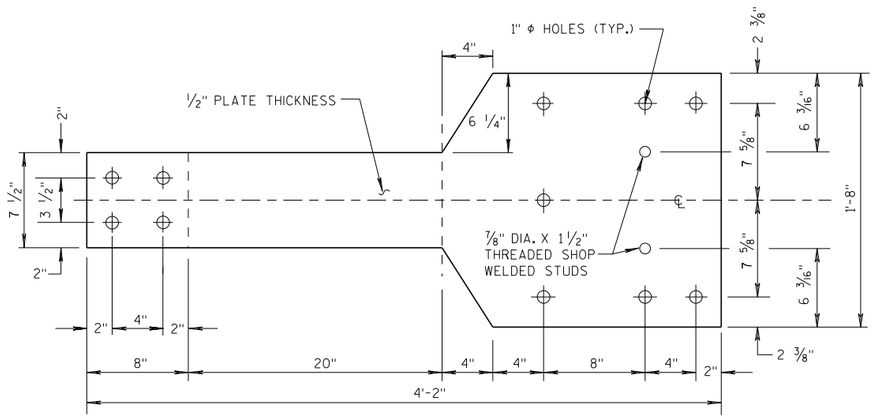
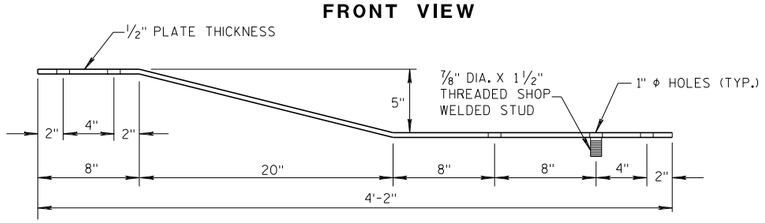
GENERAL NOTES

(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

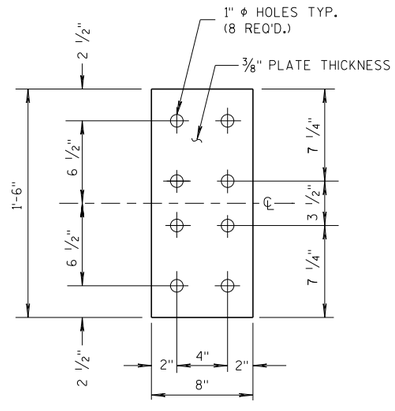


FRONT VIEW



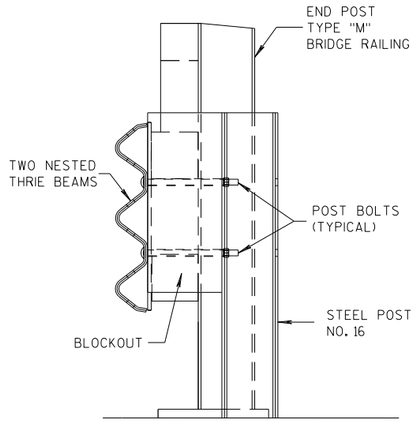
PLAN VIEW

BACK-UP PLATE DETAIL, TYPE "M"

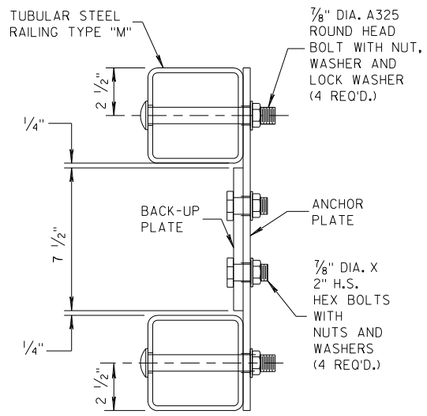


FRONT VIEW

ANCHOR PLATE DETAIL, TYPE "M"



SECTION M-M



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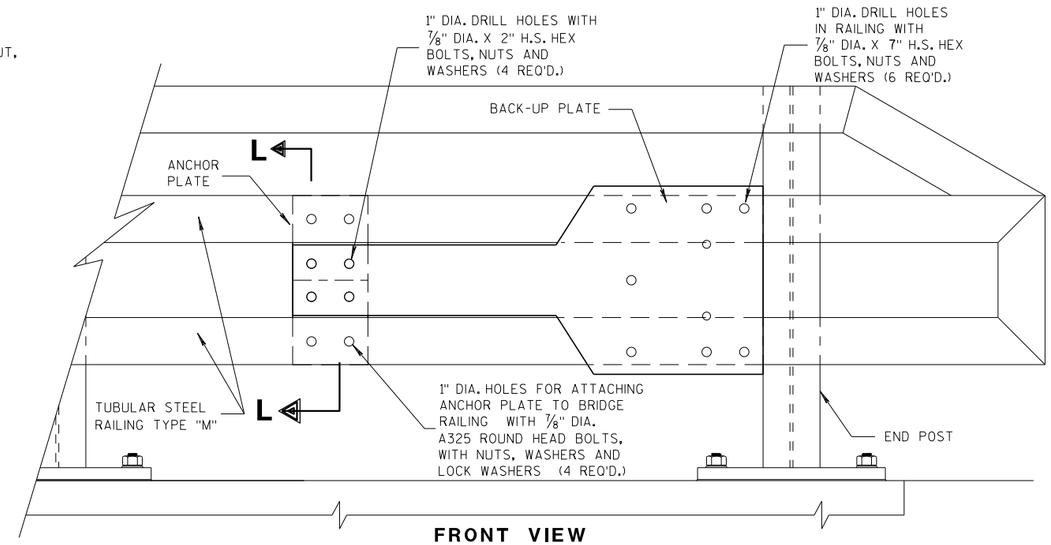
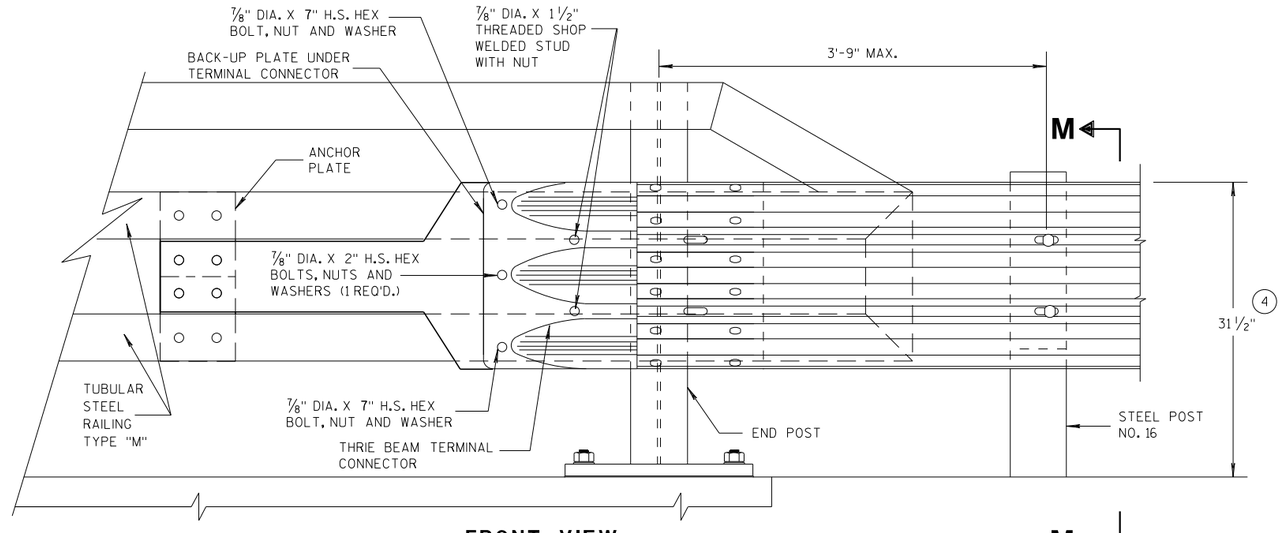
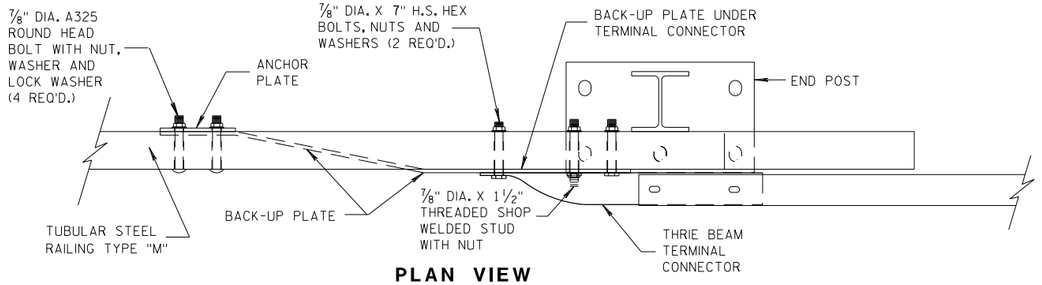


FRONT VIEW

ANCHOR AND BACK-UP PLATE MOUNTING TO BRIDGE RAILING, TYPE "M"



FRONT VIEW



PLAN VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING, TYPE "M"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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07/2018 — DATE
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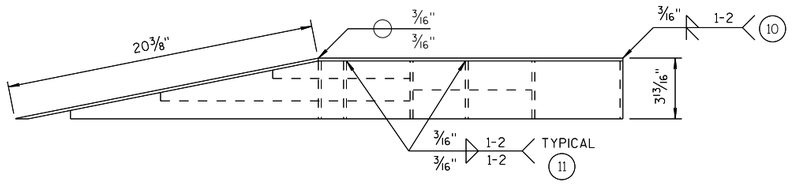

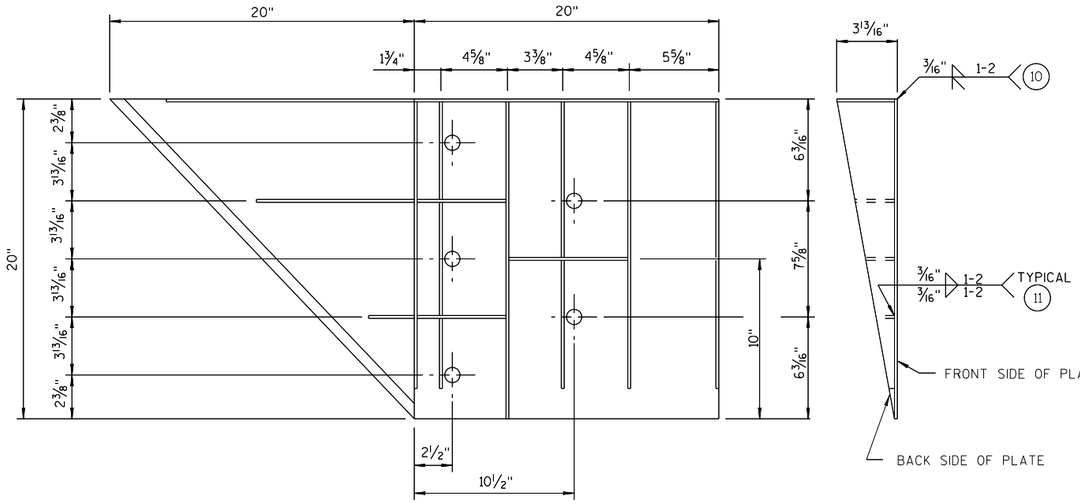

WELDING INSTRUCTION

(VIEWED FROM BACK SIDE OF PLATE)

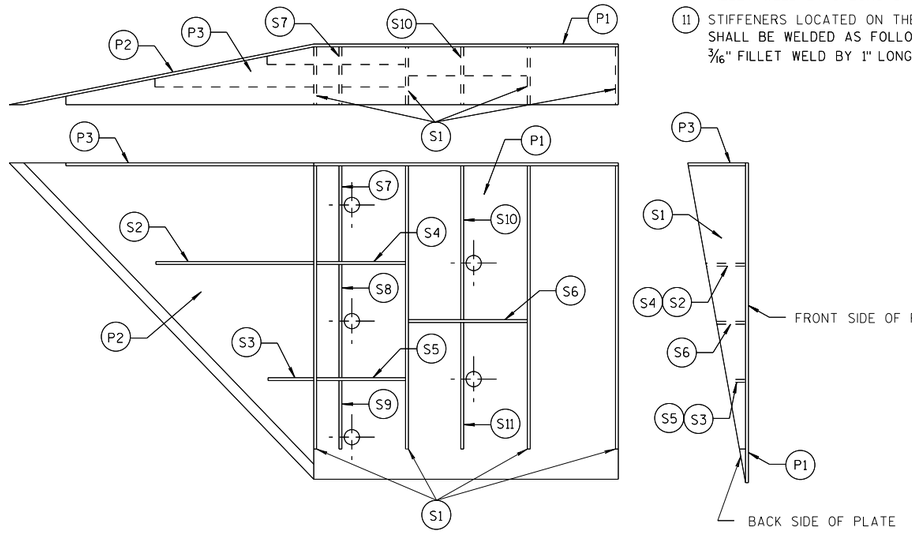

PLATE AND STIFFENER IDENTIFICATION

(VIEWED FROM BACK SIDE OF PLATE)

GENERAL NOTES

COVER PLATE PANELS ARE 3/16" THICK.

ALL STIFFENERS ARE 1/4" THICK.

CONNECTOR PLATE SHALL BE FABRICATED FROM ASTM GRADE A36 STEEL AND GALVANIZED.

FOR GALVANIZED REQUIREMENTS, SEE SECTION 614 OF THE STANDARD SPECIFICATIONS.

ALL HOLE DIAMETERS SHALL BE 1".

FOR OPPOSITE SIDE INSTALLATION MIRROR DRAWINGS.

(10) STIFFENERS LOCATED AT THE OUTSIDE EDGES OF THE COVER PLATES SHALL BE WELDED AS FOLLOWS:
SINGLE BEVEL GROOVE WELD ON EXTERNAL SIDES AND 3/16" FILLET WELD BY 1" LONG SPACED AT 2" ON INTERNAL SIDES.

(11) STIFFENERS LOCATED ON THE INSIDE OF THE COVER PLATE SHALL BE WELDED AS FOLLOWS:
3/16" FILLET WELD BY 1" LONG SPACED AT 2".

CONNECTOR PLATE DIMENSION (PER ASSEMBLY)

PLATE	QUANTITY	SHAPE	SIZE (A x B x C x D)	THICKNESS
P1	1		20" x 20"	3/16"
P2	1		20" x 20" x 28 9/16"	3/16"
P3	1		39" x 3 5/8" x 20" x 19 5/16"	3/16"
S1	4		18 7/16" x 3 5/8" x 18 3/4"	1/4"
S2	1		10 1/4" x 2 7/16" x 10 3/8" x 1/2"	1/4"
S3	1		3" x 1 1/16" x 3 1/8" x 1/2"	1/4"
S4	1		6 1/8" x 2 7/16"	1/4"
S5	1		6 1/8" x 1 1/16"	1/4"
S6	1		7 3/4" x 1 3/4"	1/4"
S7	1		2 9/16" x 6" x 3 5/8" x 5 7/8"	1/4"
S8	1		1 5/32" x 7 1/2" x 2 1/2" x 7 3/8"	1/4"
S9	1		6 1/16" x 6 3/16" x 1 3/32"	1/4"
S10	1		1 7/8" x 9 7/8" x 3 5/8" x 9 11/16"	1/4"
S11	1		8 1/2" x 8 3/4" x 1 13/16"	1/4"

SINGLE SLOPE CONNECTION PLATE

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
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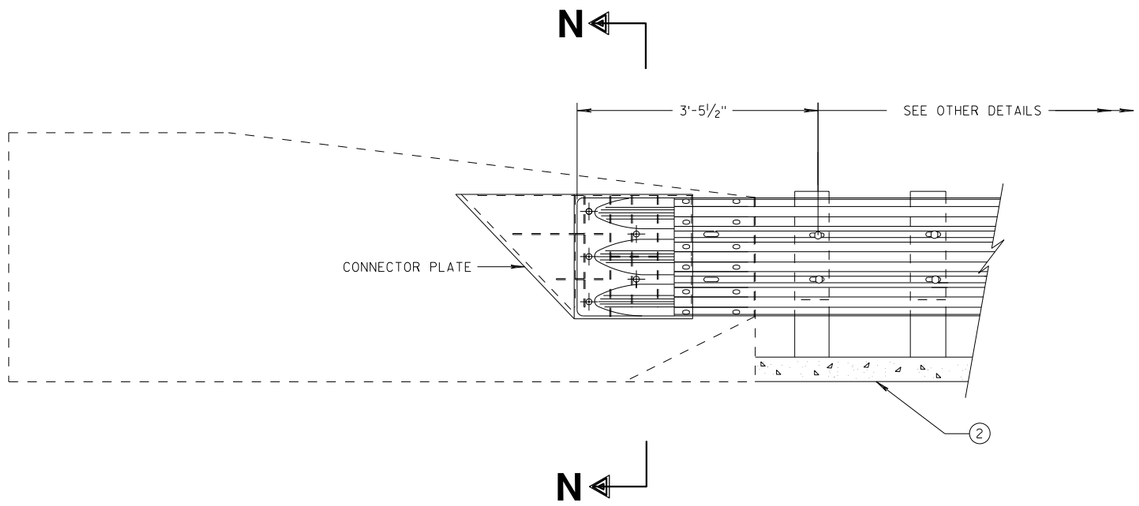
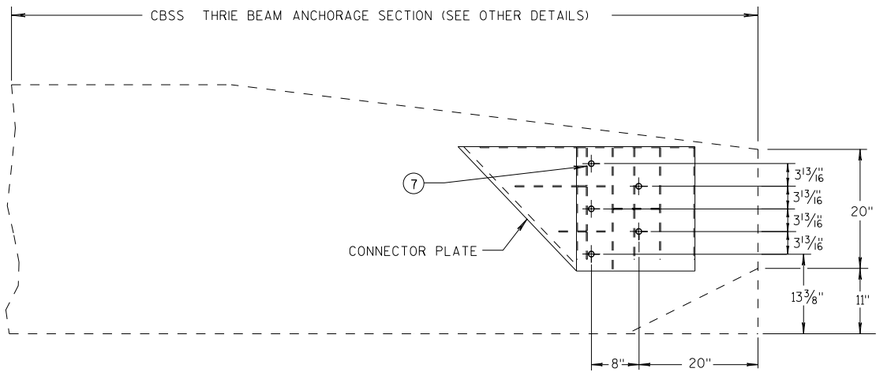


THRIE BEAM CONNECTION TO SINGLE SLOPE BARRIER



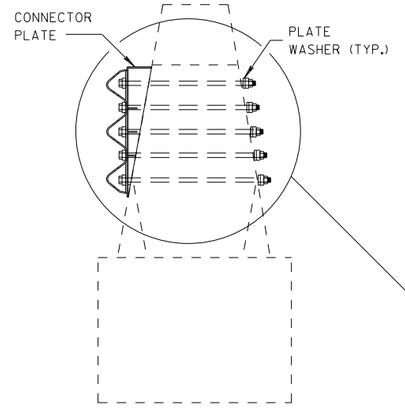
SINGLE SLOPE CONNECTION PLATE PLACEMENT

GENERAL NOTES

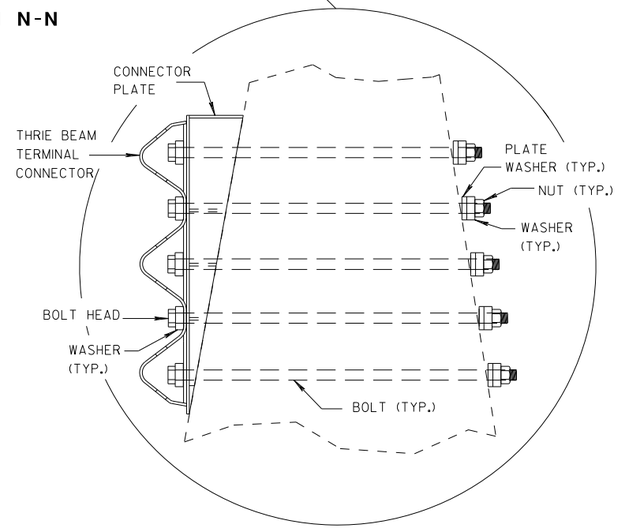
CONNECTOR PLATE, DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



SECTION N-N



MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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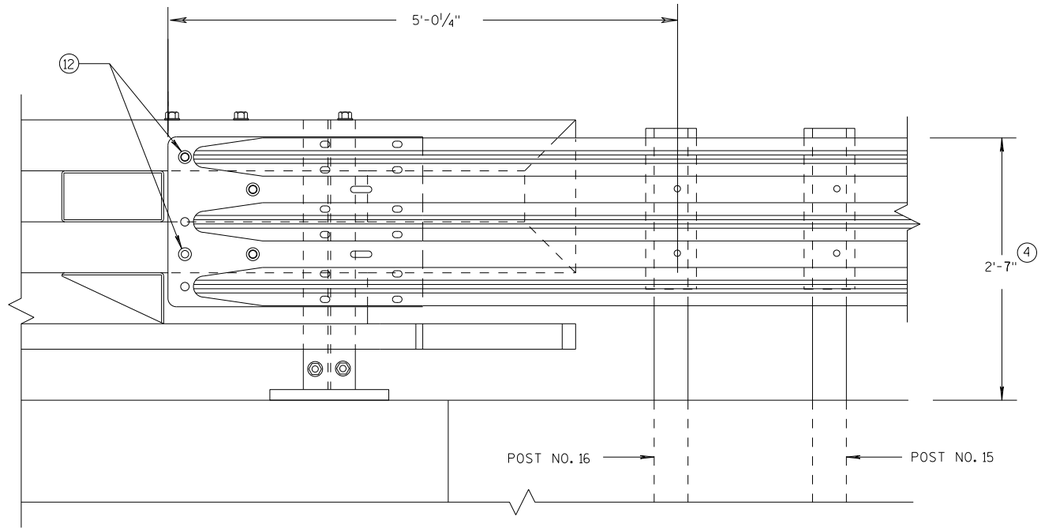
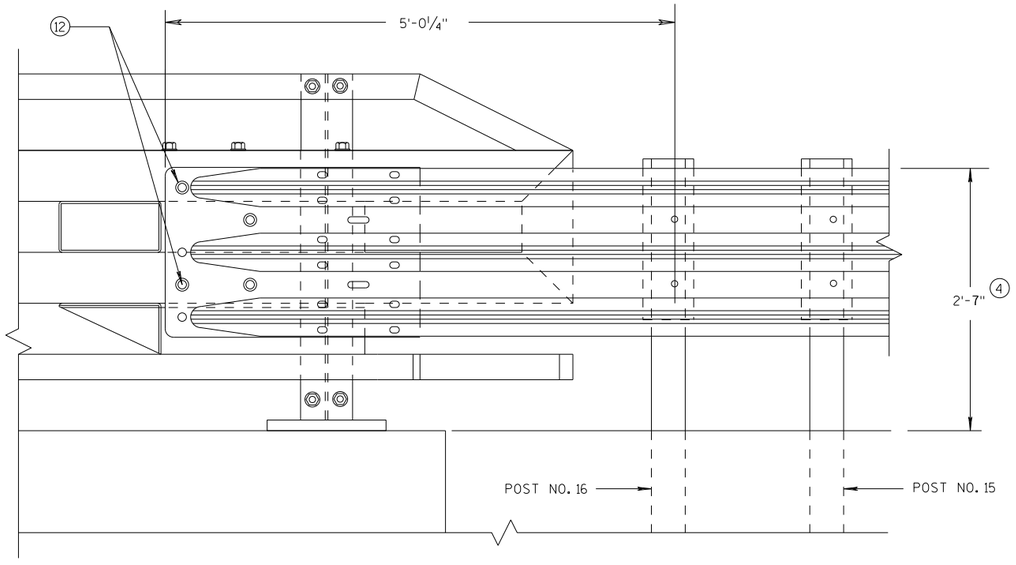


ELEVATION OF DETAIL AT NY3 END POST

THRIE BEAM RAIL ATTACHMENT



ELEVATION OF DETAIL AT NY4 END POST

THRIE BEAM RAIL ATTACHMENT

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND 1/2-INCH BEYOND NUT.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
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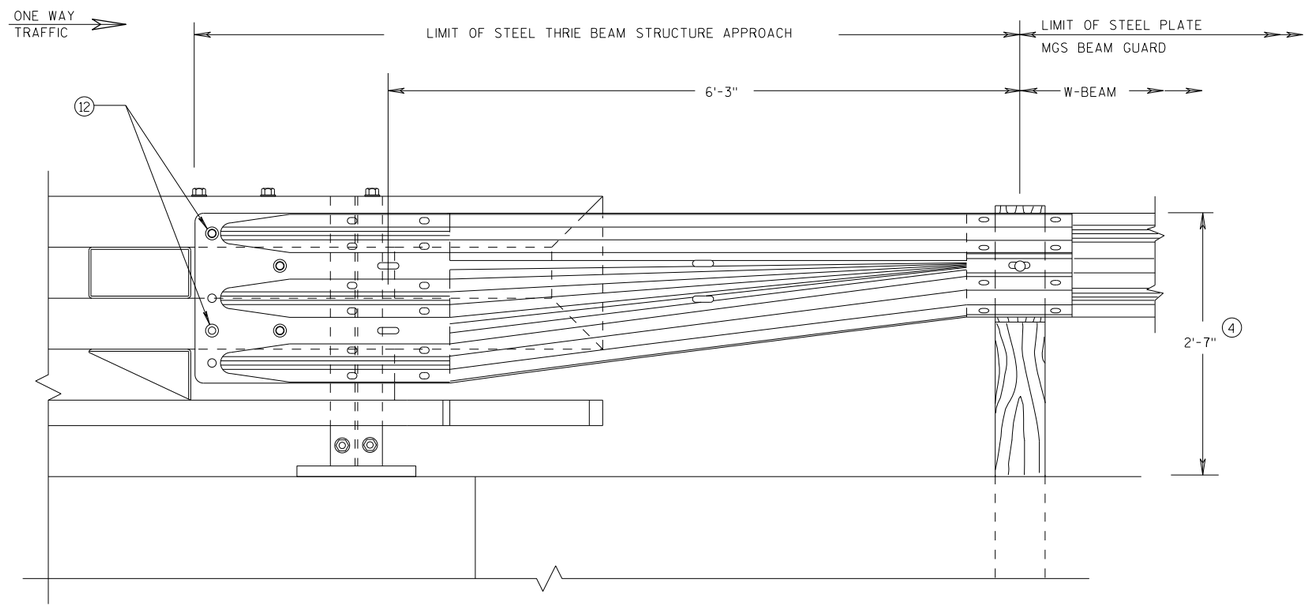


FRONT VIEW

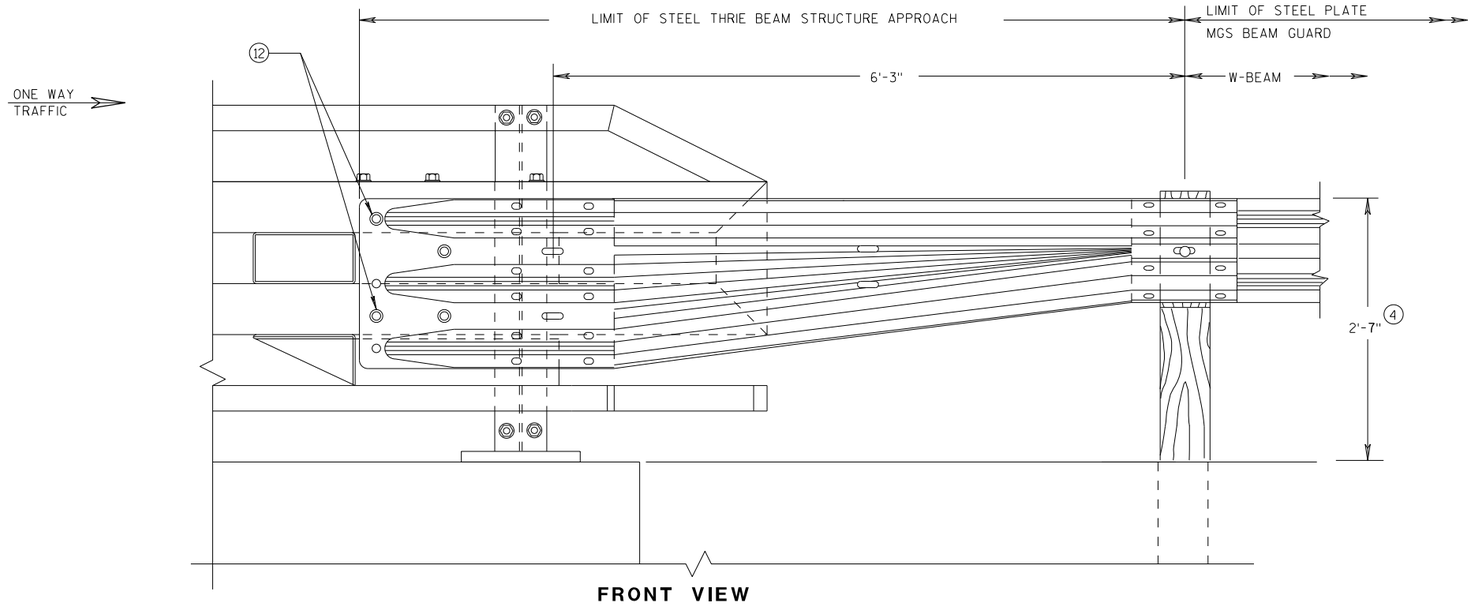
W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY3"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND 1/2-INCH BEYOND NUT.



FRONT VIEW

W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY4"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
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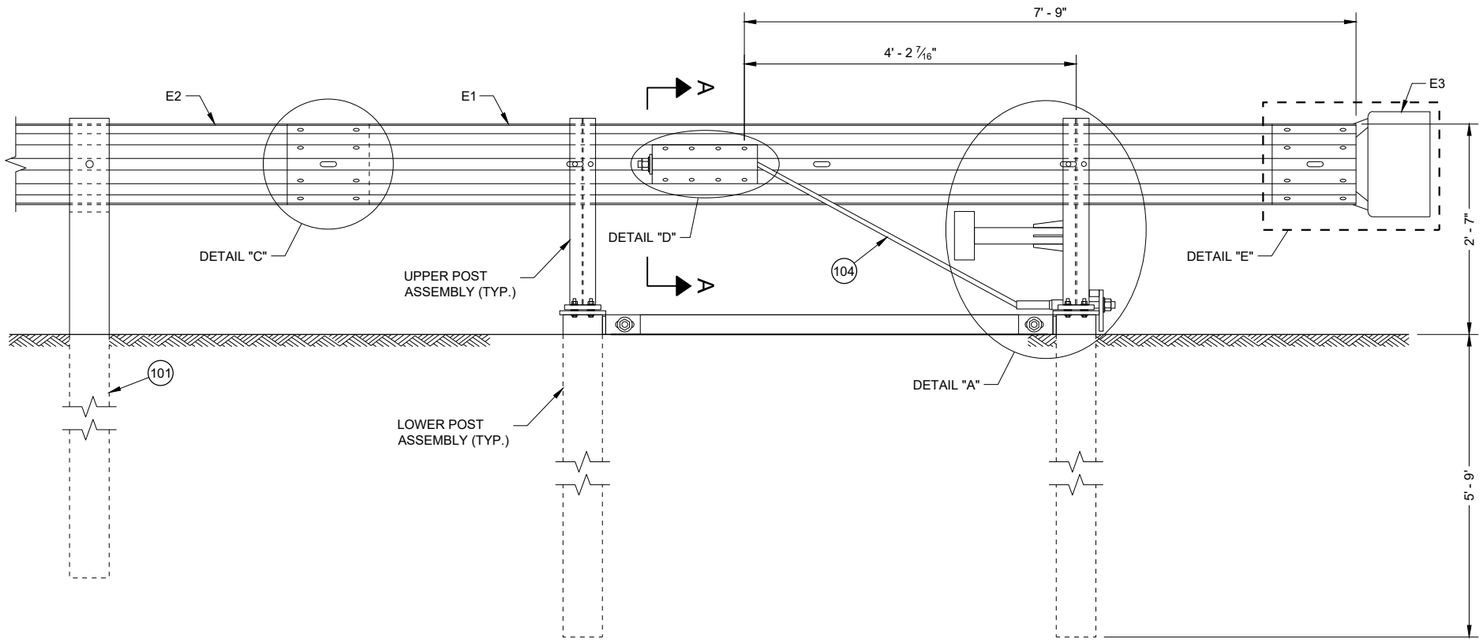
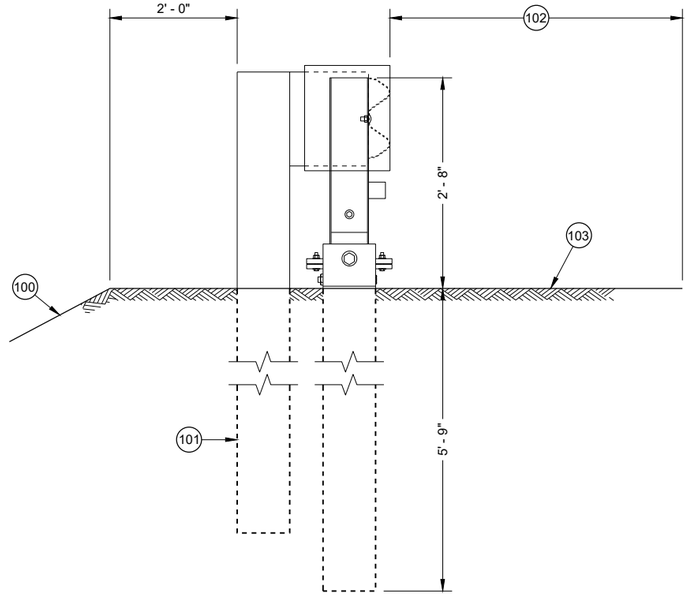
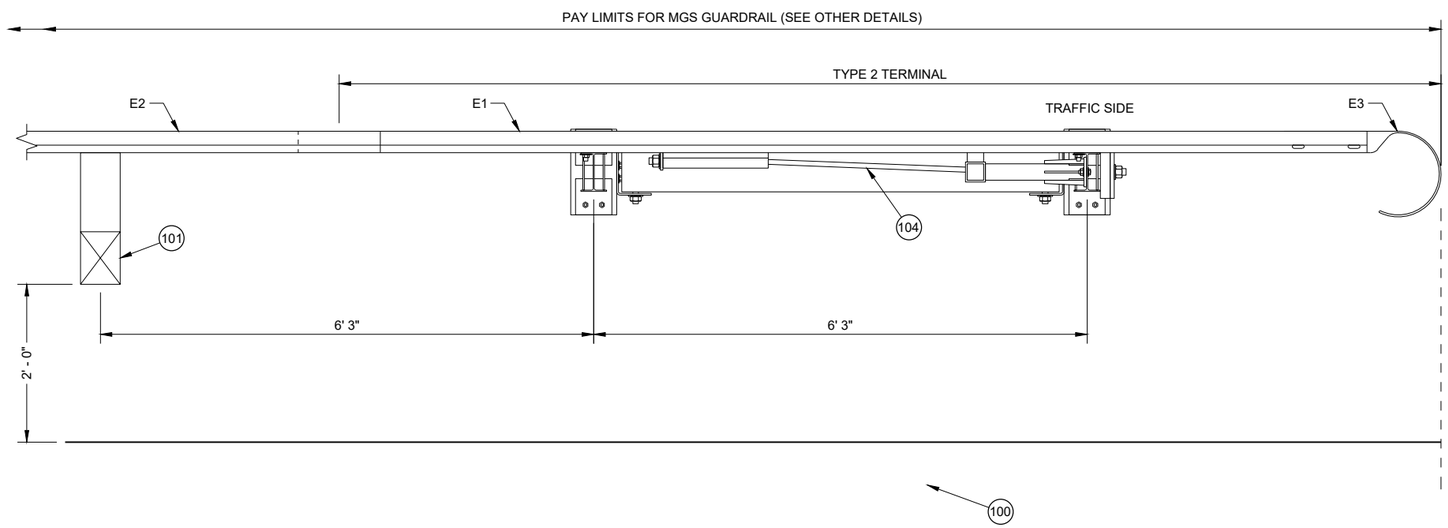


BACK VIEW
TYPE 2 TERMINAL



SIDE VIEW
TYPE 2 TERMINAL



TOP VIEW
TYPE 2 TERMINAL

GENERAL NOTES

(100) MAXIMUM SLOPE IS 2.5:1.

(101) SEE SDD 14B42 FOR MORE INFORMATION.

(102) SHOULDER

(103) MAXIMUM SLOPE IS 10:1.

(104) AFTER ASSEMBLY, CABLE IS TO BE TIGHTENED WITHOUT TWISTING THE CABLE.

MIDWEST GUARDRAIL SYSTEM (MGS)
TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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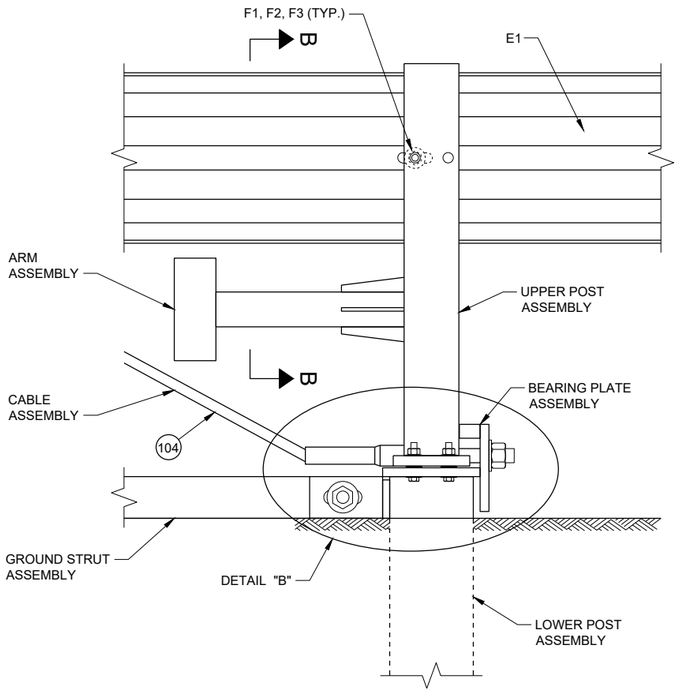
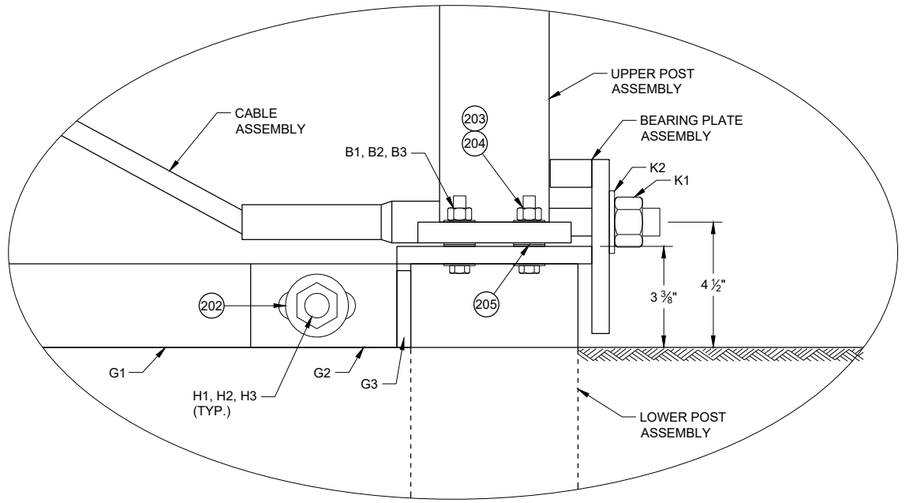
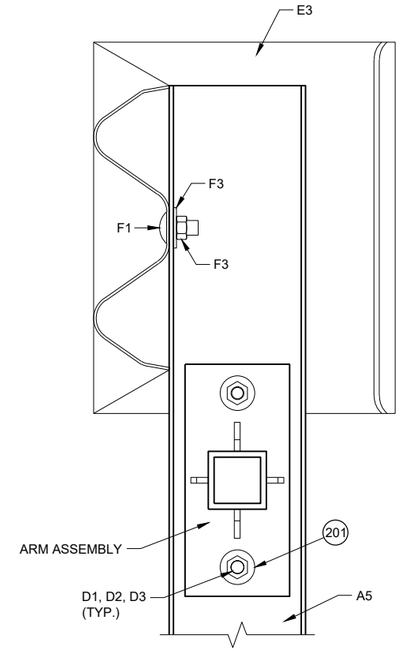
SDD 14B47 - 05a



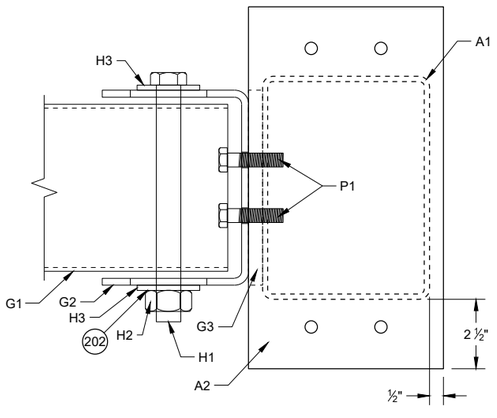
DETAIL "A"



DETAIL "B"

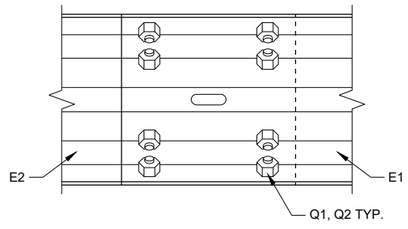


SECTION B - B



TOP VIEW

GROUND STRUT CONNECTION DETAIL



DETAIL "C"

GENERAL NOTES

200 INSTALL ONE WASHER UNDER BOLT HEAD AND RAIL AND ON WASHER BETWEEN NUT AND ANCHOR BRACKET ASSEMBLY.

201 INSTALL ONE WASHER UNDER BOLT HEAD AND UPPER POST ASSEMBLY AND ONE WASHER BETWEEN NUT AND ARM PLATE.

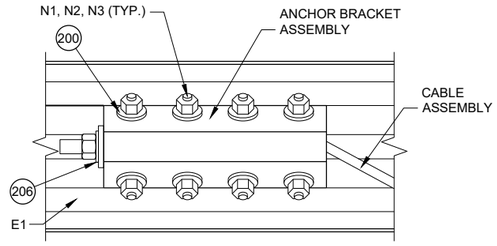
202 INSTALL ONE WASHER UNDER BOLT HEAD AND GROUND STRUT CONNECTOR AND ONE WASHER BETWEEN NUT AND GROUND STRUT CONNECTOR.

203 INSTALL ONE WASHER UNDER BOLT HEAD AND LOWER POST ASSEMBLY AND ONE WASHER BETWEEN NUT AND UPPER POST ASSEMBLY.

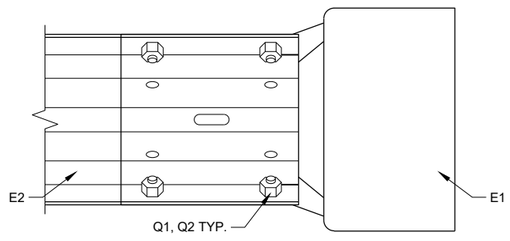
204 TORQUE VALUE IS BETWEEN 60 - 75 FT-LB.

205 TWO WASHERS BETWEEN UPPER AND LOWER POST ASSEMBLY.

206 INSTALL ONE WASHER BETWEEN NUT AND ANCHOR BRACKET ASSEMBLY.



DETAIL "D"



DETAIL "E"

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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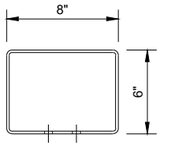
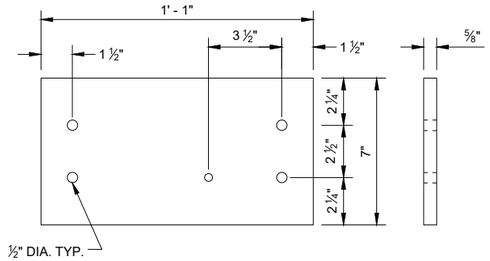
SDD 14B47 - 05b

GENERAL NOTES

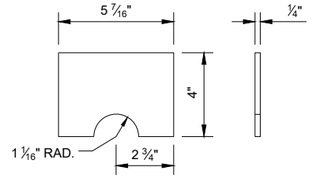
(300) TAP FOR 1/2" AFTER GALVANIZATION



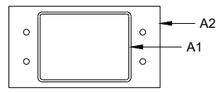
TOP VIEW



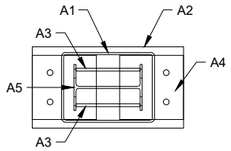
LOWER PLATE (A2)

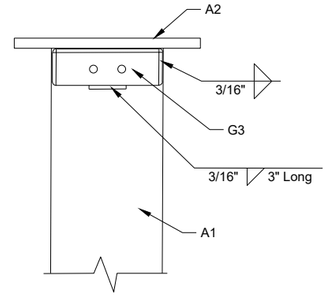


POST GUSSET (A3)

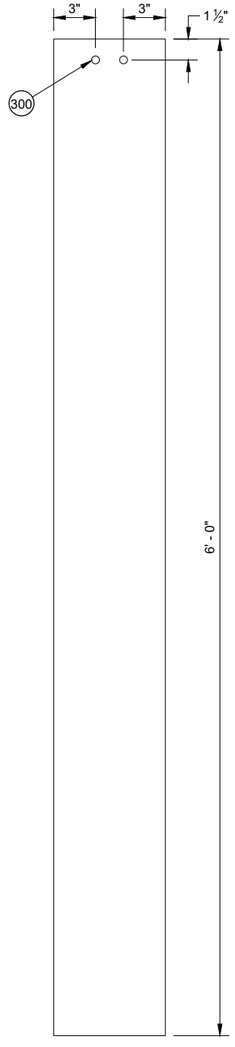


PLAN VIEW



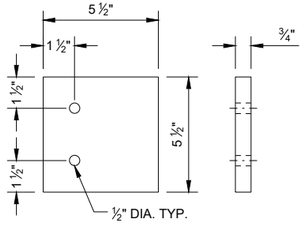


WELDING DETAIL
G3 AND A1

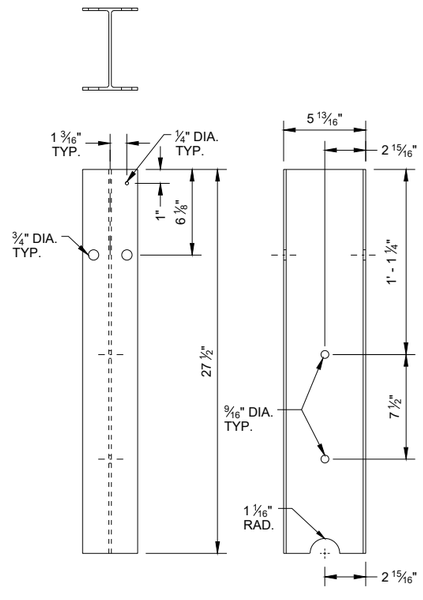


SIDE VIEW

FOUNDATION
TUBE (A1)

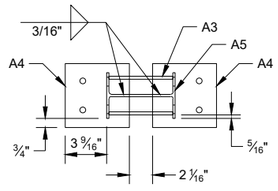


UPPER PLATE (A4)

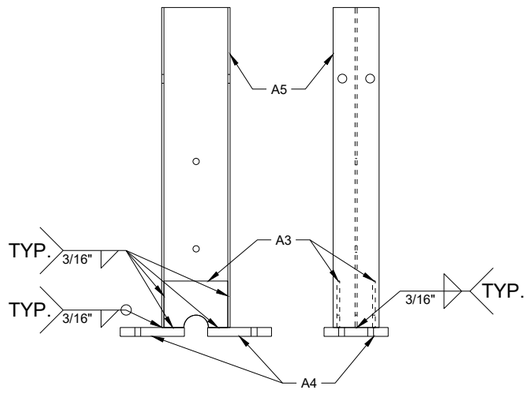


FRONT VIEW SIDE VIEW

TYPE 2 POST (A5)

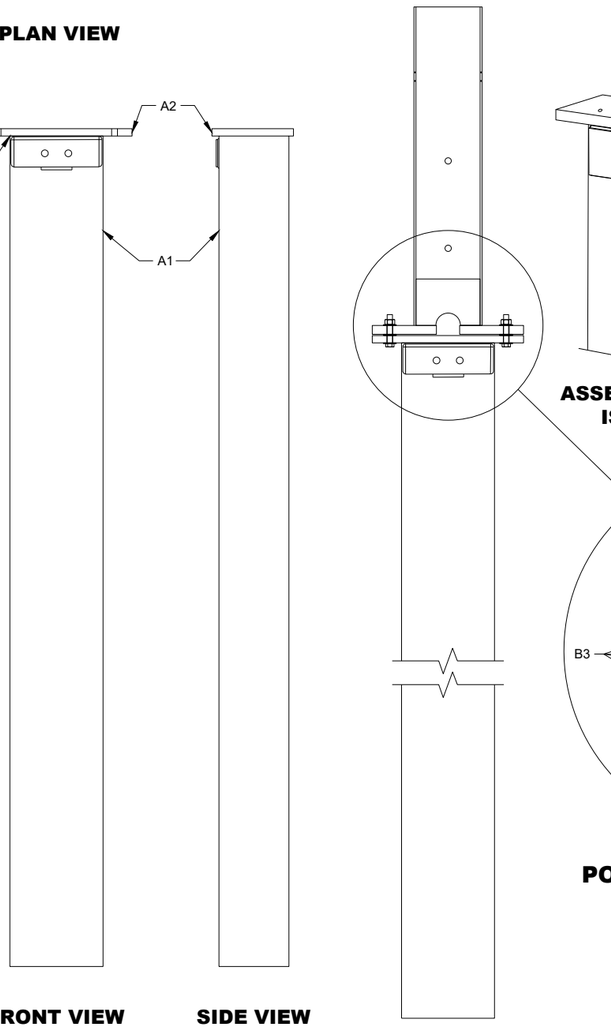


PLAN VIEW



SIDE VIEW FRONT VIEW

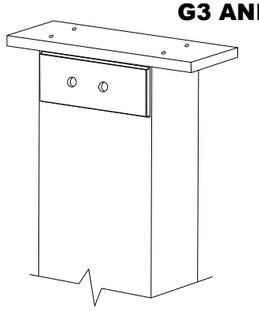
UPPER POST ASSEMBLY



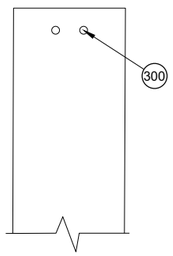
FRONT VIEW SIDE VIEW

LOWER POST ASSEMBLY

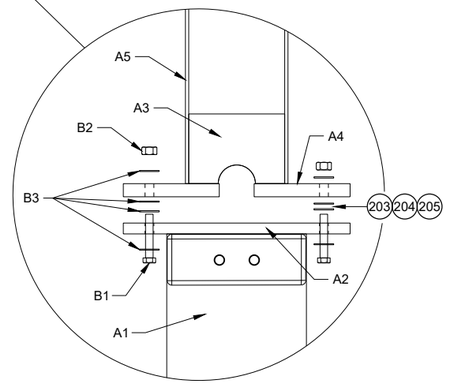
ASSEMBLED POST



ASSEMBLY DETAIL
ISOMETRIC



A1



POST CONNECTION DETAIL

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA 361

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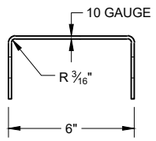
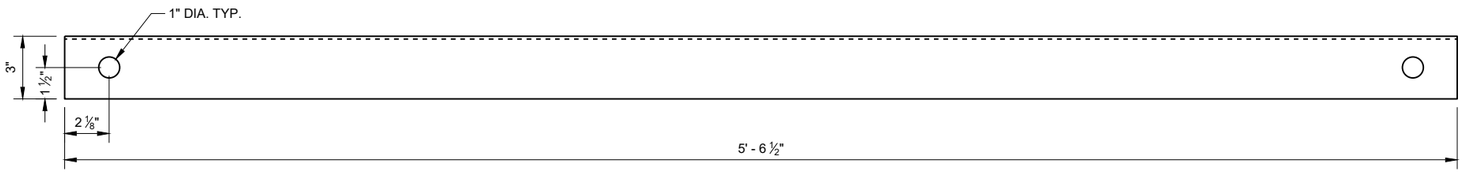
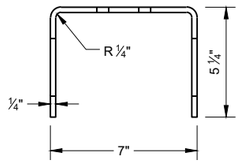


SIDE VIEW

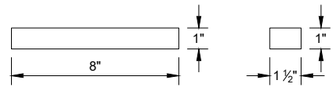


FRONT VIEW

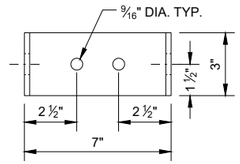
GROUND STRUT CHANNEL (G1)



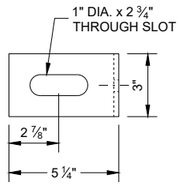
TOP VIEW



BEARING PLATE FLANGE (L2)

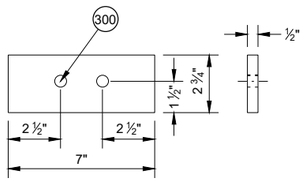


FRONT VIEW

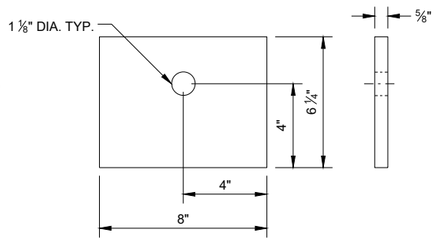


SIDE VIEW

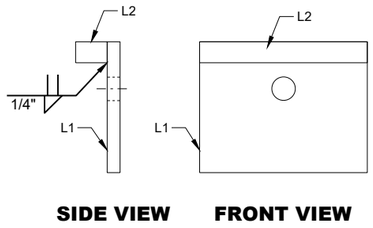
GROUND STRUT CONNECTOR (G2)



GROUND STRUT PLATE (G3)

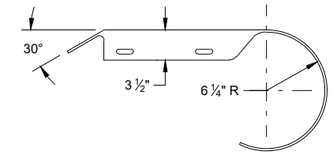


BEARING PLATE (L1)

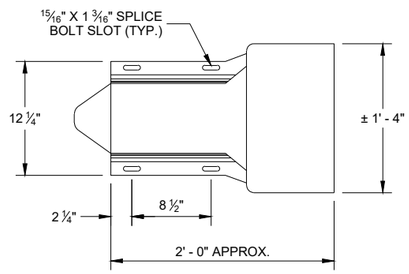


SIDE VIEW FRONT VIEW

BEARING PLATE ASSEMBLY

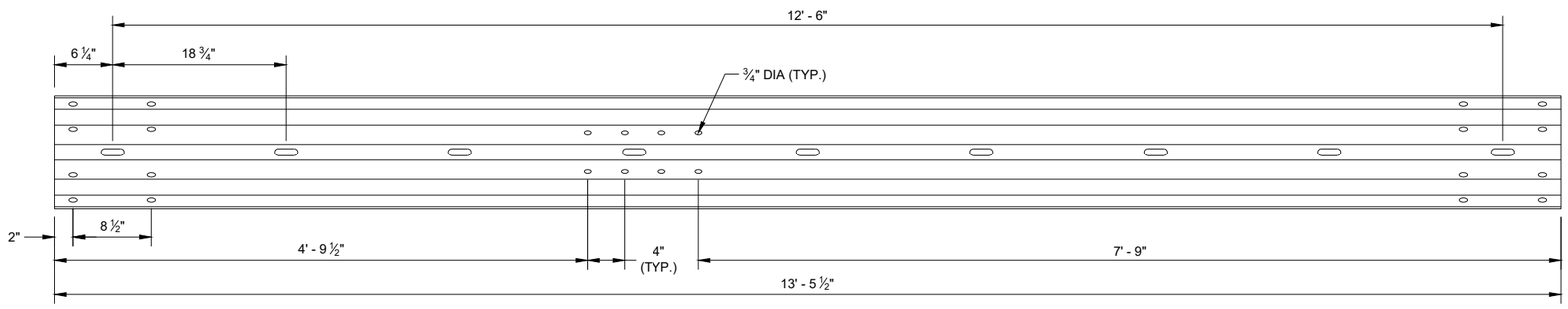


PLAN VIEW

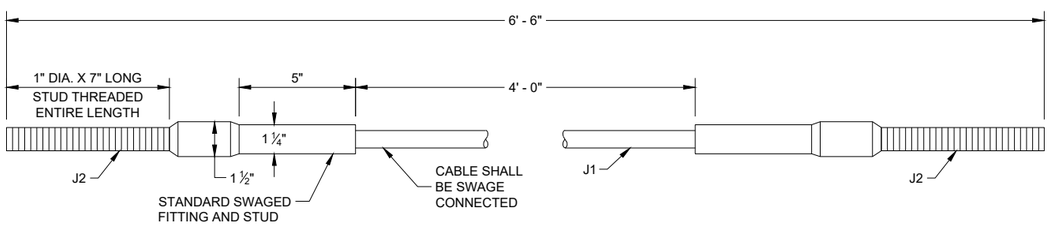


ELEVATION VIEW

ROUNDED BUFFER END (E3)



TYPE 2 GUARDRAIL (E1)



CABLE ASSEMBLY

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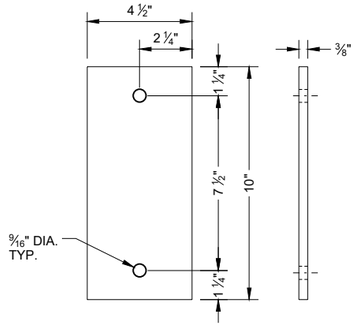
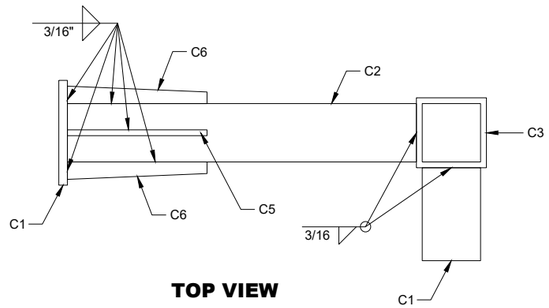
MIDWEST GUARDRAIL SYSTEM (MGS)
TYPE 2 TERMINAL

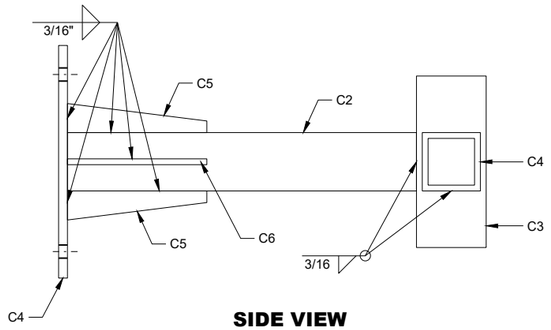
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



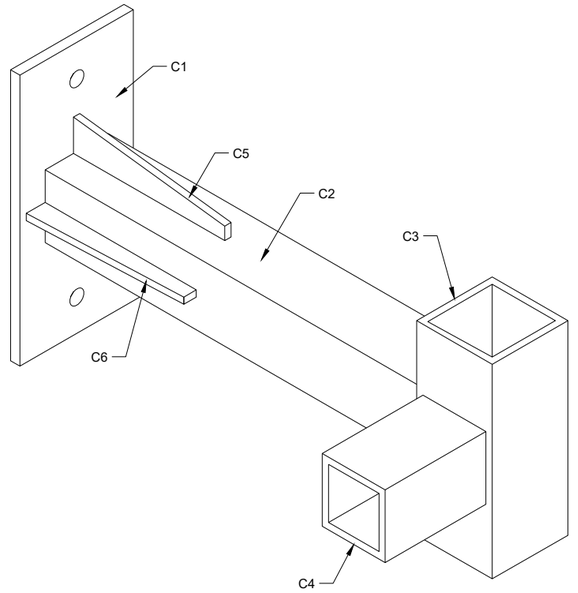
ARM PLATE (C1)



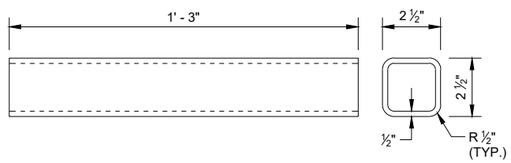
TOP VIEW
ARM ASSEMBLY



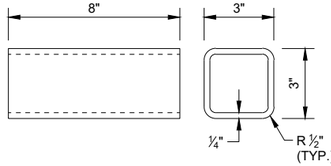
SIDE VIEW
ARM ASSEMBLY



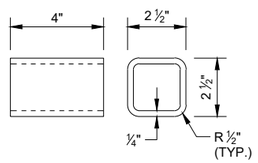
ISOMETRIC VIEW
ARM ASSEMBLY



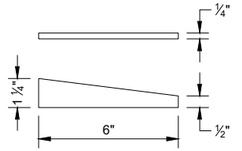
ARM TUBE 1 (C2)



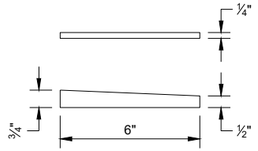
ARM TUBE 2 (C3)



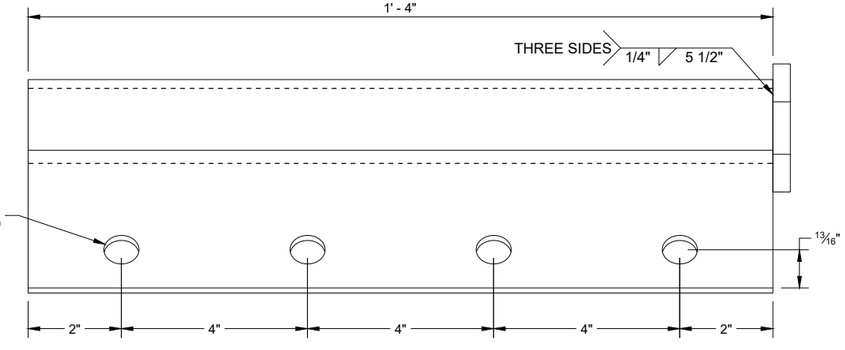
ARM TUBE 3 (C4)

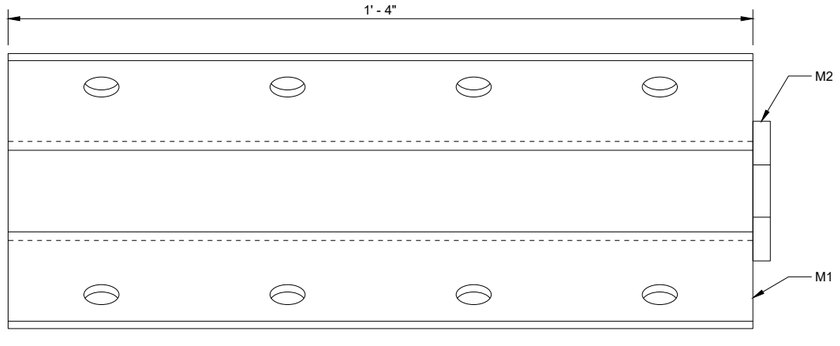


ARM GUSSET PLATE 1 (C5)

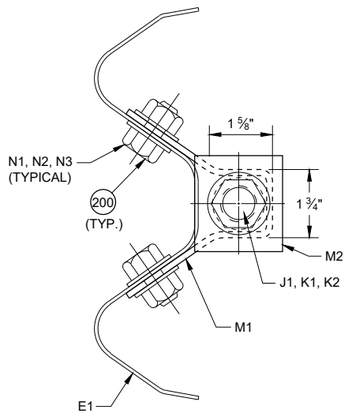


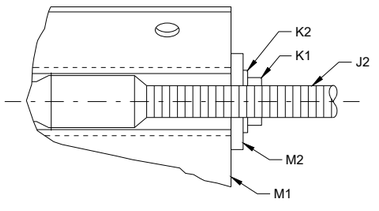
ARM GUSSET PLATE 2 (C6)



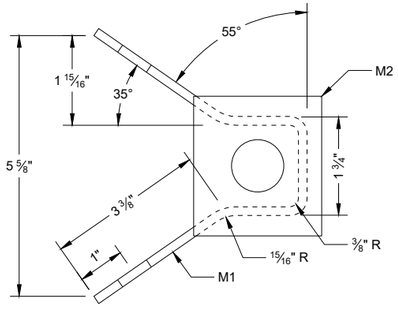


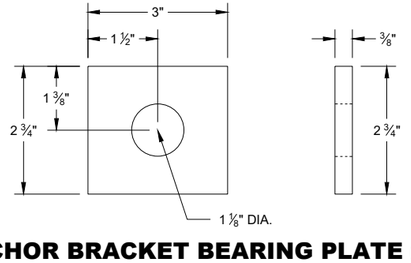
ANCHOR BRACKET (M1, M2)





SECTION A - A





ANCHOR BRACKET BEARING PLATE (M2)

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA 363

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BILL OF MATERIALS - TYPE 2 TERMINAL (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
A1	TYPE 2 FOUNDATION TUBE	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 8" x 6" x 3/16"
A2	LOWER PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	5/8" THICKNESS
A3	POST GUSSET	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/4" THICKNESS
A4	UPPER PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	3/4" THICKNESS
A5	TYPE 2 POST	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI, w6x9 or w6x8.5	
B1	BREAKAWAY BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM F3125 GRADE A325 TYPE 1 HEAVY HEX HEAD OR SAE J429 GRADE 5 HEAVY HEX HEAD / ASTM A449 TYPE 1 HEAVY HEX HEAD. BOLTS MAY BE FULLY THREADED . PROVIDE ENOUGH THREADING FOR PROPER TIGHTENING OF BOLT.	7/16" DIA.
B2	BREAKAWAY BOLT WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	7/16" DIA.
B3	BREAKAWAY BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
C1	ARM ASSEMBLY PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	3/8" THICKNESS
C2	ARM ASSEMBLY TUBE 1	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 8" x 6" x 3/16"
C3	ARM ASSEMBLY TUBE 2	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 3" x 3" x 1/4"
C4	ARM ASSEMBLY TUBE 3	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 2 1/2" x 2 1/2" X 1/4"
C5	ARM ASSEMBLY GUSSET PLATE 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/4" THICKNESS
C6	ARM ASSEMBLY GUSSET PLATE 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/4" THICKNESS
D1	ARM ASSEMBLY BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	1/2" DIA.
D2	ARM ASSEMBLY WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	1/2" DIA.
D3	ARM ASSEMBLY NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	1/2" DIA.
E1	TYPE 2 GUARD RAIL	AASHTO M180 CLASS A TYPE 2 12 GAUGE APPROVED PRODUCER	
E2	BEAM GUARD RAIL	AASHTO M180 CLASS A TYPE 2 12 GAUGE APPROVED PRODUCER	
E3	BEAM GUARD ROUNDED BUFFER END	AASHTO M180 CLASS A TYPE 2 12 GAUGE APPROVED PRODUCER	
F1	POST BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	5/8" DIA.
F2	POST BOLT WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	5/8" DIA.
F3	POST BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
G1	GROUND STRUT CHANNEL	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/2" x 11 3/4" x 10 GAUGE
G2	GROUND STRUT CONNECTOR	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/4" THICKNESS
G3	GROUND STRUT PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/2" THICKNESS

BILL OF MATERIALS - TYPE 2 TERMINAL (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
H1	GROUND STRUT BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	7/8" DIA.
H2	GROUND STRUT BOLT WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	7/8" DIA.
H3	GROUND STRUT BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD 5/8" ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	
J1	BCT CABLE	AASHTO M30 / ASTM A741 6 x 19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS), 6 x 19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS) TYPE II OR IIC, CLASS C ZINC COATED MIN. BREAKING STRENGTH OF 42.7 KIPS	**3/4" DIA.**
J2	BCT CABLE	UNC 1" ASTM A576 GRADE 1035 SWAGE FITTINGS ARE TO BE FACTORY SWEDGED. MIN BREAKING STRENGTH OF 42.7 KIPS ASME B30.26 "FORGED, CAST, OR DIE STAMPED WITH THE FOLLOWING IN TO CONNECTION: NAME OF MANUFACTURE OR TRADEMARK OF CONNECTION'S MANUFACTURER, SIZE OR RATED LOAD, GRADE FOR ALLOY EYEBOLTS."	
K1	CABLE ASSEMBLY NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	1" DIA.
K2	CABLE ASSEMBLY WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1	1" DIA.
L1	BEARING PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	5/8" THICKNESS
L2	BEARING PLATE FLANGE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1" THICKNESS
M1	BEAM GUARD ANCHOR BRACKET	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	
M2	BEAM GUARD ANCHOR END PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	3/8" THICKNESS
N1	ANCHOR BRACKET BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	5/8" DIA.
N2	ANCHOR BRACKET BOLT WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	5/8" DIA.
N3	ANCHOR BRACKET BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 /ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
P1	FOUNDATION TUBE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	1/2" DIA.
Q1	SPLICE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	
Q2	SPLICE NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	5/8" DIA.

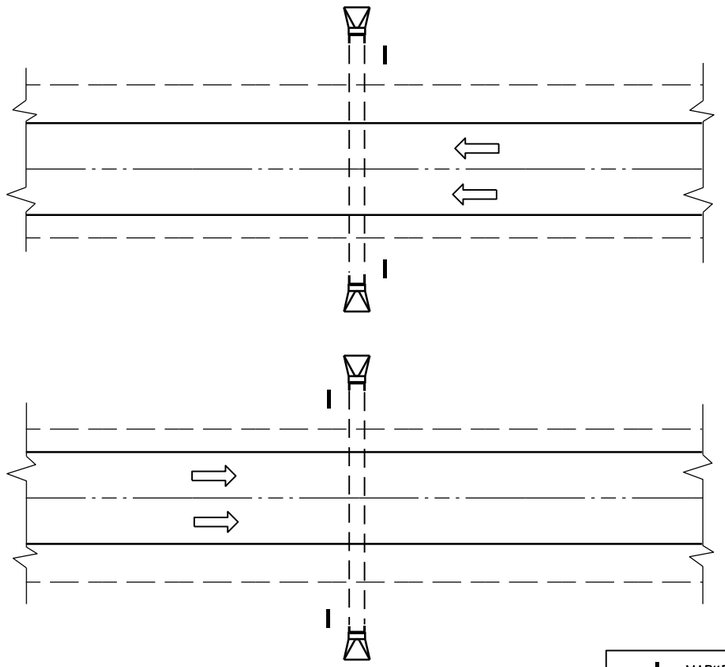
6

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

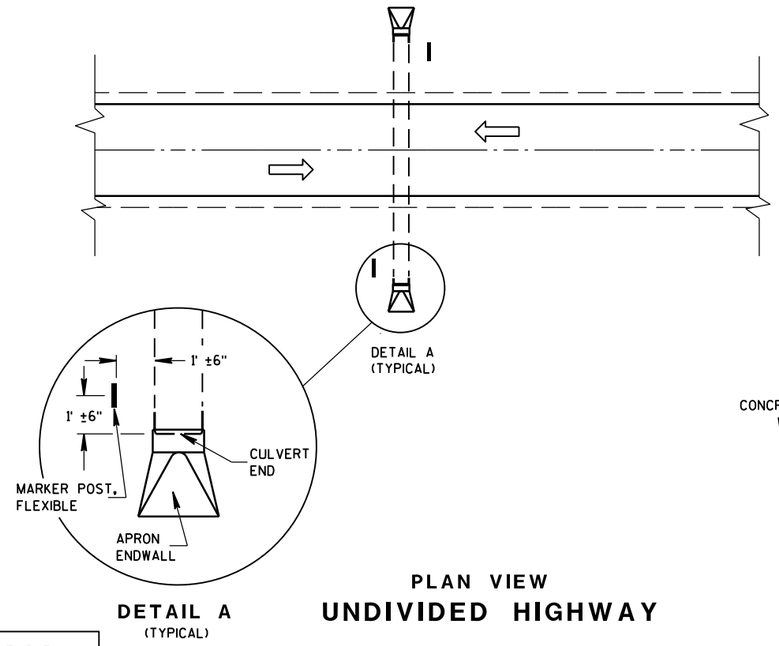
APPROVED
May 2023
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER
FHWA

SDD 14B47 - 05g



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

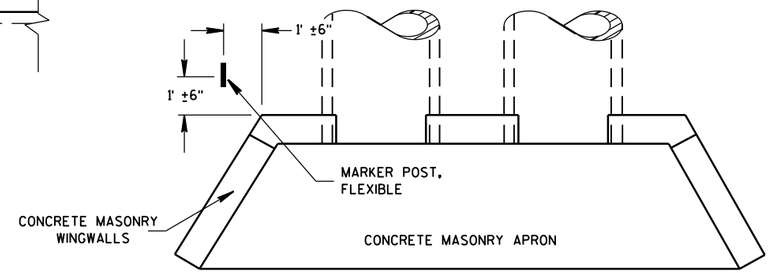
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

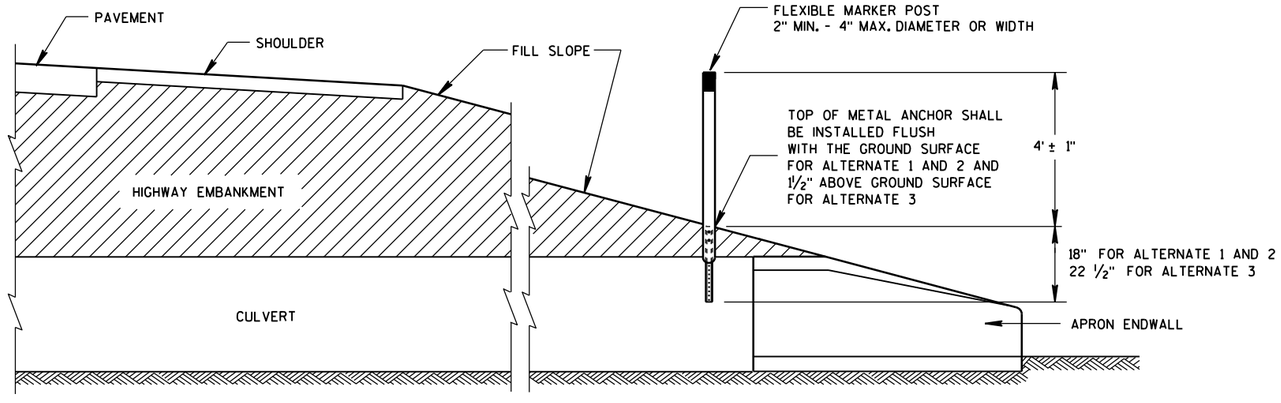
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 15 A 3-2a

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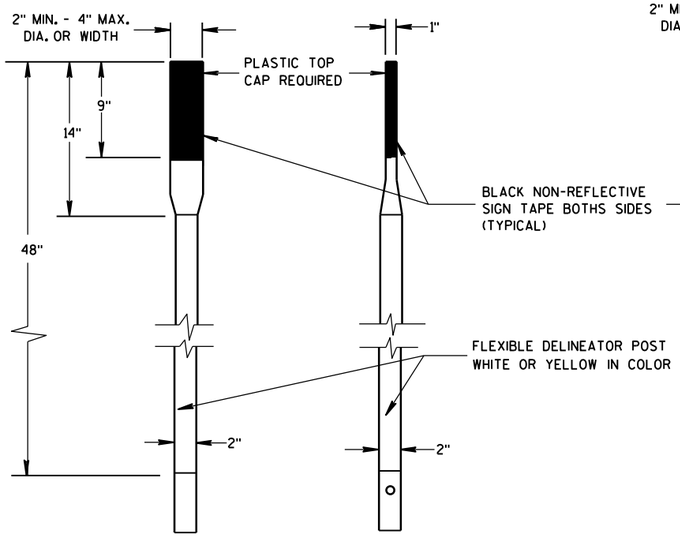
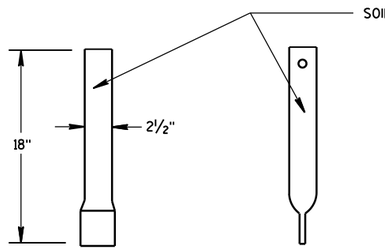
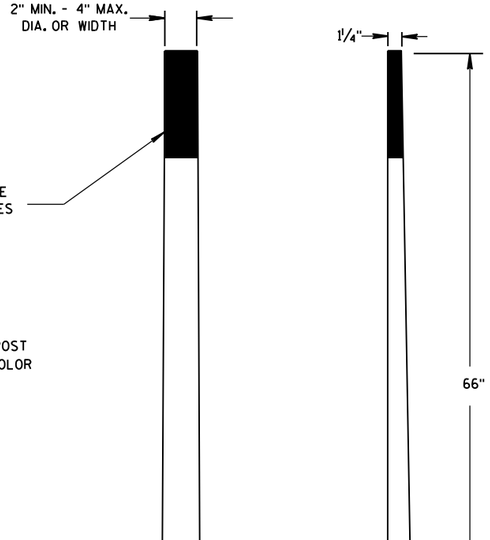
S.D.D. 15 A 3-2a





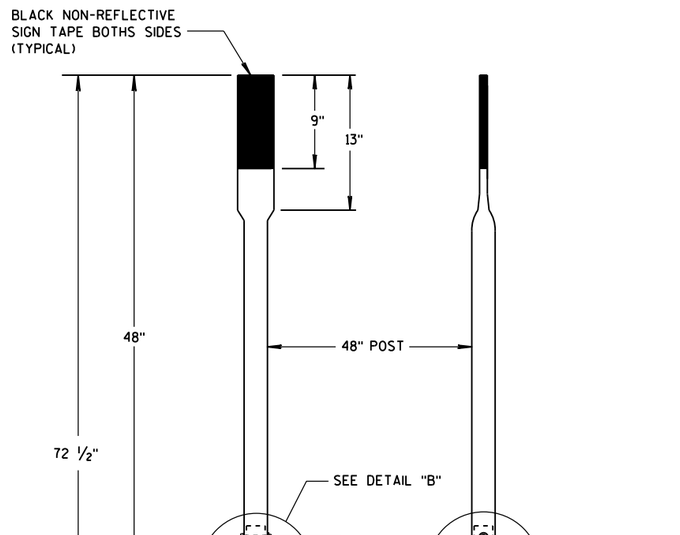
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

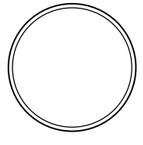
ALTERNATE 2



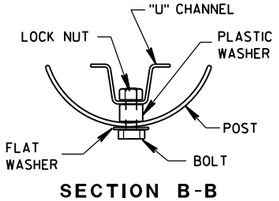
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POSTS



SECTION A-A



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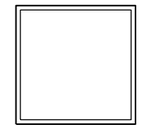
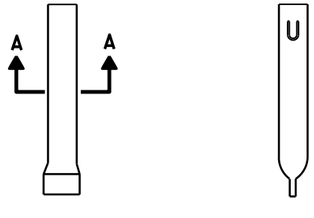
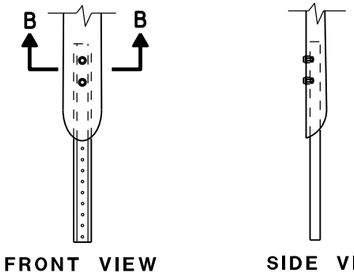


SECTION C-C



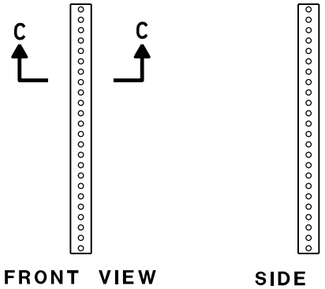
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

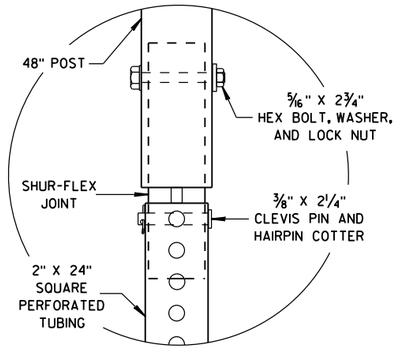
ALTERNATE 2



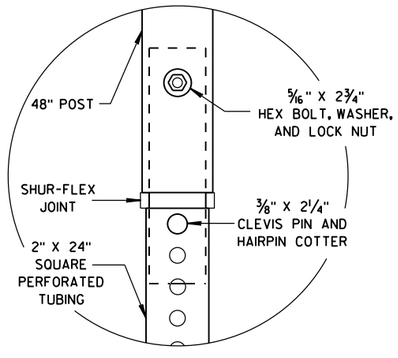
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/1/2012 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

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S.D.D. 15 A 3-2b

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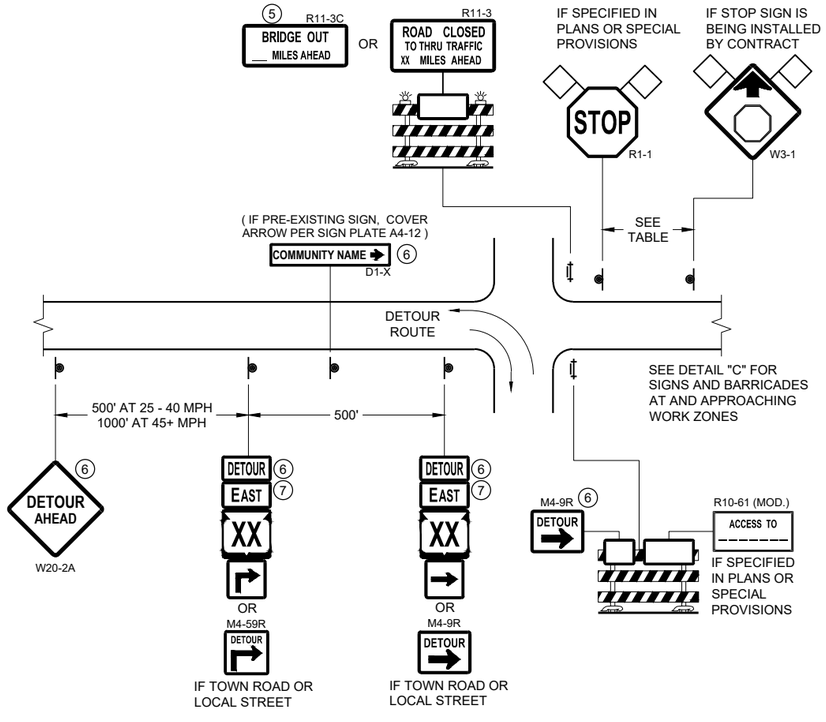
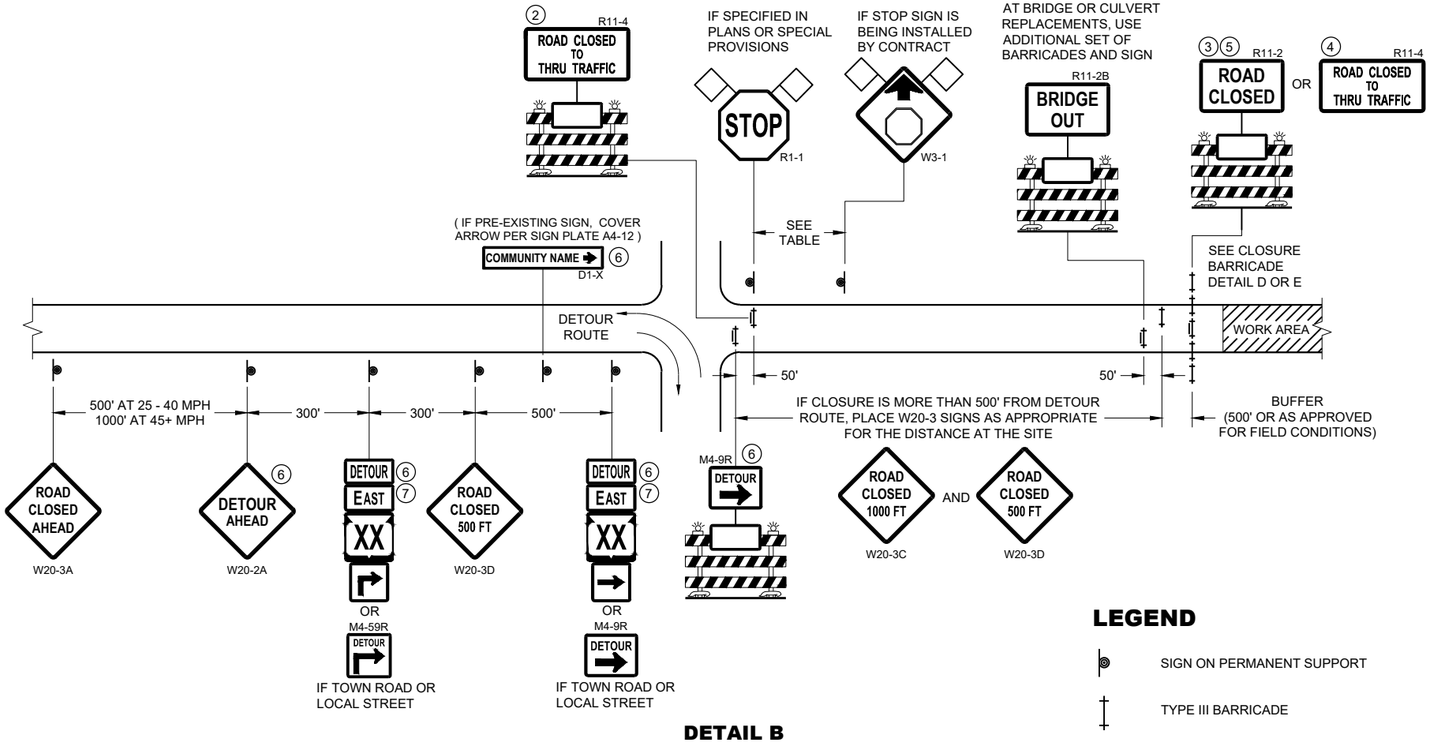
S.D.D. 15 A 3-2b



DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



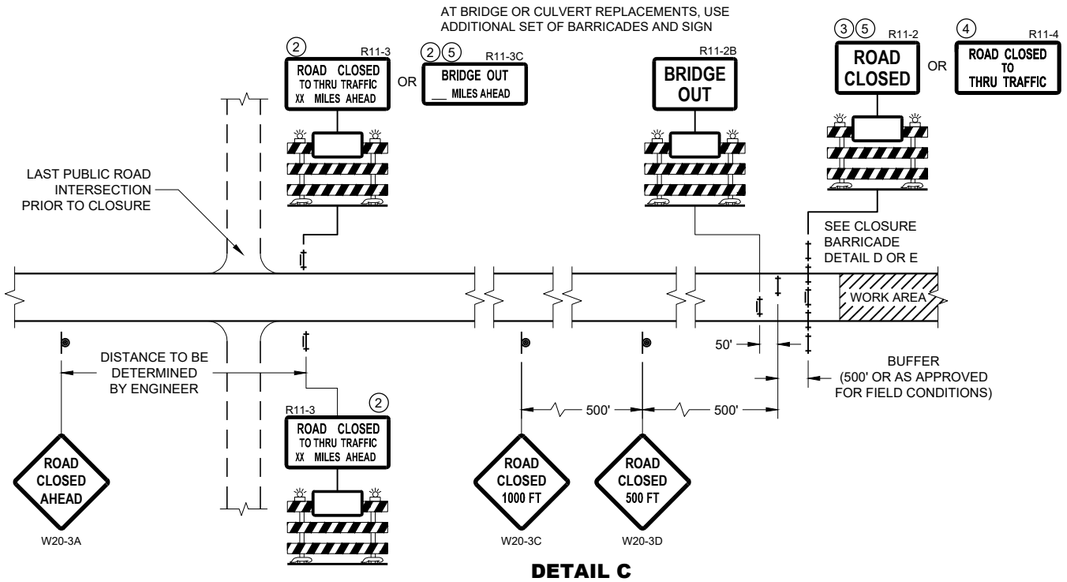
DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)

DETOUR M4 - 8
EAST M3 - X
XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A
M05 - 1 OR M06 - 1



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b" FOR GENERAL NOTES AND FOOTNOTES ① THROUGH ⑦

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15C02 - 09a

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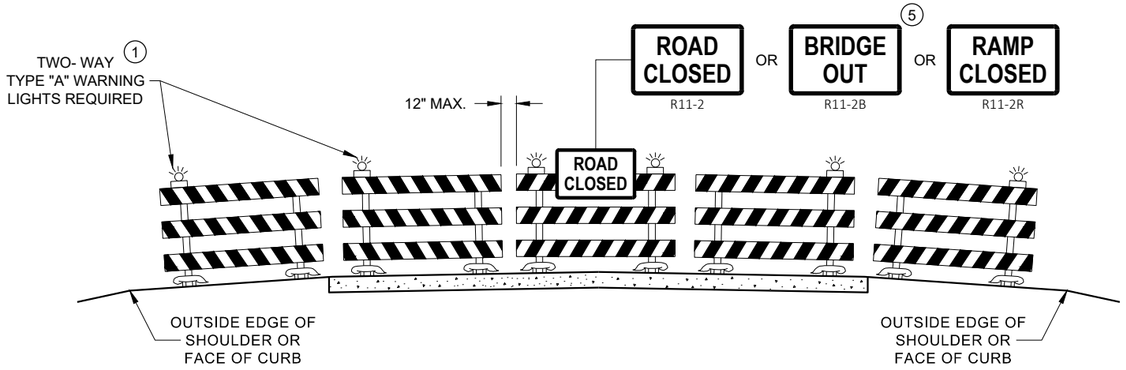
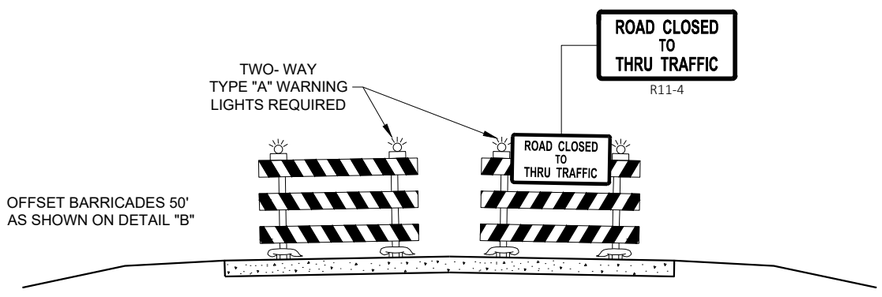
SDD 15C02 - 09a



DETAIL D
ROAD CLOSURE BARRICADE DETAIL
APPROACH VIEW



DETAIL E
LANE CLOSURE BARRICADE DETAIL
APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE", SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

"WO" AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

6

SDD 15C02 - 09b

6

SDD 15C02 - 09b

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

LEGEND

- SIGN ON PERMANENT SUPPORT
- WORK AREA
- DETOUR — M4 - 8
- EAST — M3 - X
- XX — M1 - 4 OR XX — M1 - 6 OR COUNTY X — M1 - 5A
- M05 - 1 OR M06 - 1 OR M06 - 1

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND DETOUR SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

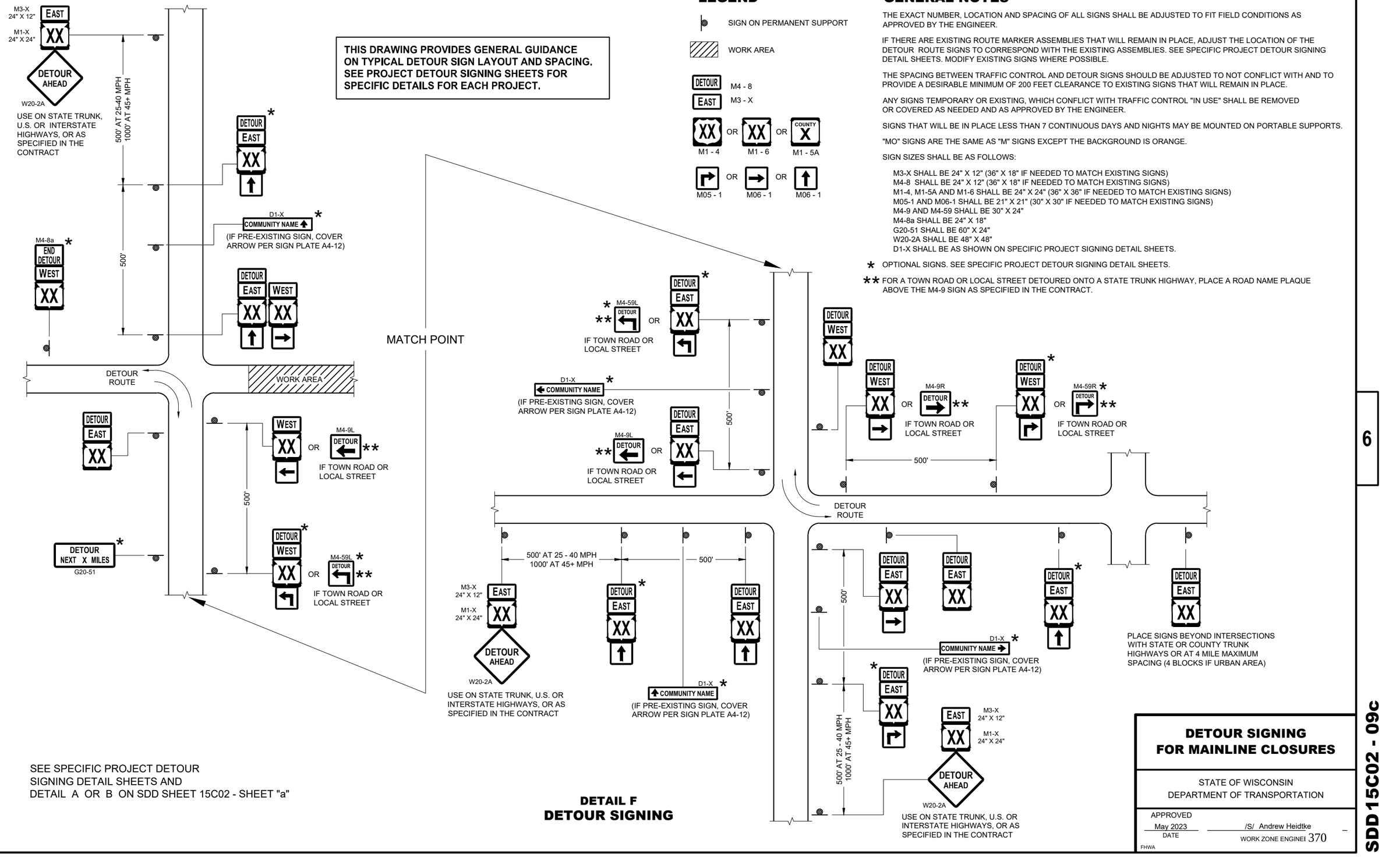
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOWS:

- M3-X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1-4, M1-5A AND M1-6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- M05-1 AND M06-1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-9 AND M4-59 SHALL BE 30" X 24"
- M4-8a SHALL BE 24" X 18"
- G20-51 SHALL BE 60" X 24"
- W20-2A SHALL BE 48" X 48"
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT.



SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS AND DETAIL A OR B ON SDD SHEET 15C02 - SHEET "a"

DETAIL F
DETOUR SIGNING

DETOUR SIGNING FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

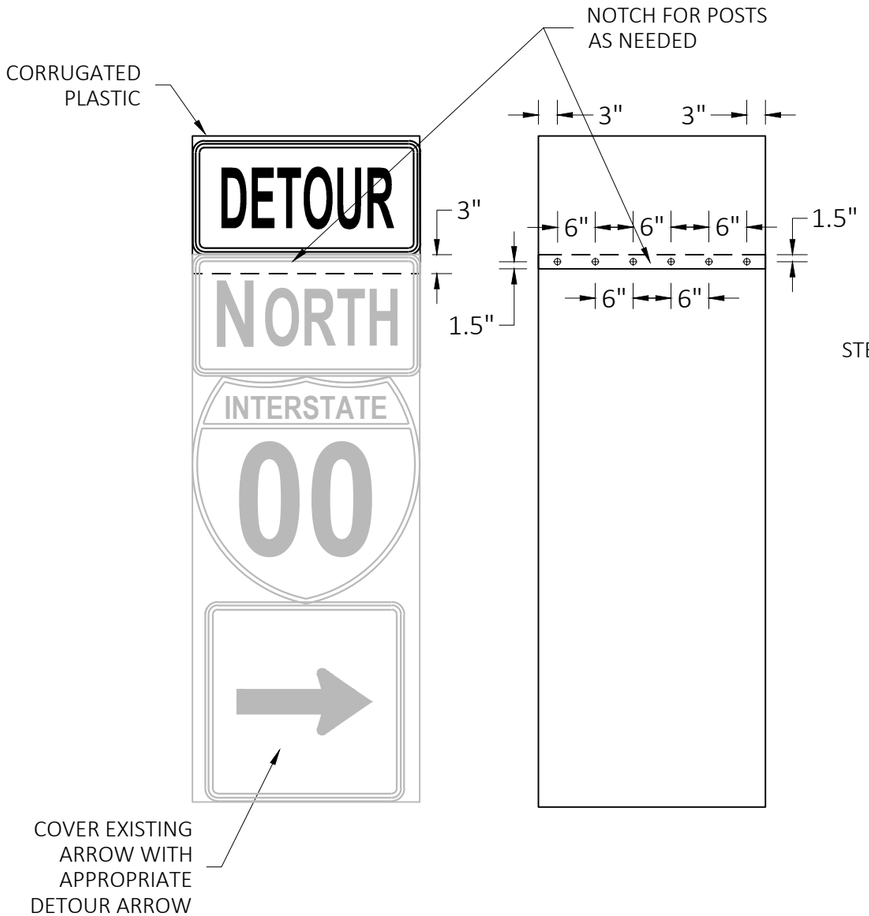
6

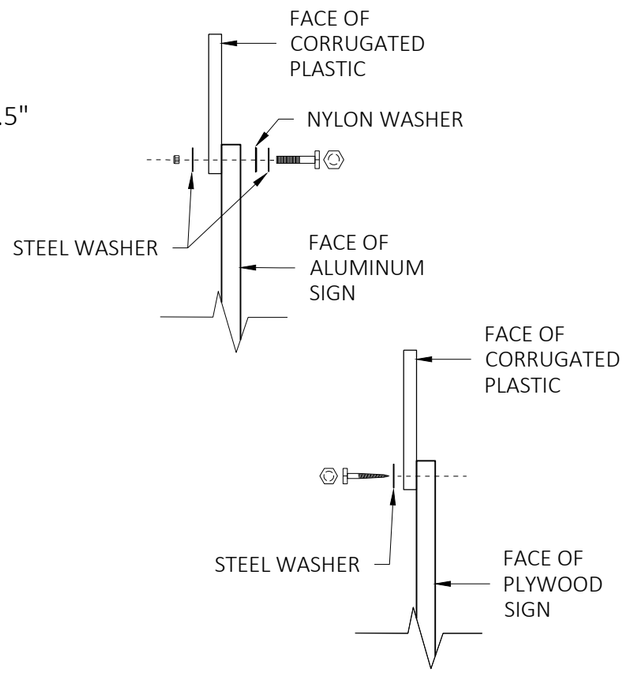
SDD 15C02 - 09c

FRONT SIDE

BACK SIDE

SIDE VIEW





GENERAL NOTES

CELLS OF CORRUGATED PLASTIC SHALL BE VERTICALLY ORIENTED.

PROVIDE A 0.4-INCH THICK BASE CORRUGATED PLASTIC WITH A 0.035-INCH WALL THICKNESS AND 0.4-INCH CELL SIZE.

FOR 36" WIDE SIGNS: USE 6 FASTENERS AS SHOWN.

FOR 24" WIDE SIGNS: USE 4 FASTENERS WITH EDGE SPACING AS SHOWN AND 6" SPACING BETWEEN FASTENERS.

METAL WASHERS, NUTS, BOLTS AND LAGS SHALL HAVE HEXAGONAL HEADS AND SHALL BE EITHER:

A. HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: A 153, CLASS D, OR SC 3.

B. ELECTRO-GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: B 633, TYPE III, SC3

THREADS ON BOLTS AND NUTS SHALL BE MANUFACTURED WITH SUFFICIENT ALLOWANCE FOR THE CADMIUM PLATE OR GALVANIZED COATING TO PERMIT THE NUTS TO RUN FREELY ON THE BOLTS.

PLYWOOD SIGNS:
LAG SCREWS - 5/16" x 1"
ALUMINUM SIGNS:
MACHINE BOLTS - 5/16" x 1-1/4" LENGTH W/NUTS
WASHERS:
1-1/4" O.D. x 3/8" I.D. x 1/16" STEEL
1-1/4" O.D. x 3/8" I.D. x .080 NYLON

MODIFIED ROUTE ASSEMBLY FOR DETOUR SIGNING

MODIFIED ROUTE ASSEMBLY FOR DETOUR SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
ROADWAY STANDARDS DEVEL ENGINEER

FHWA

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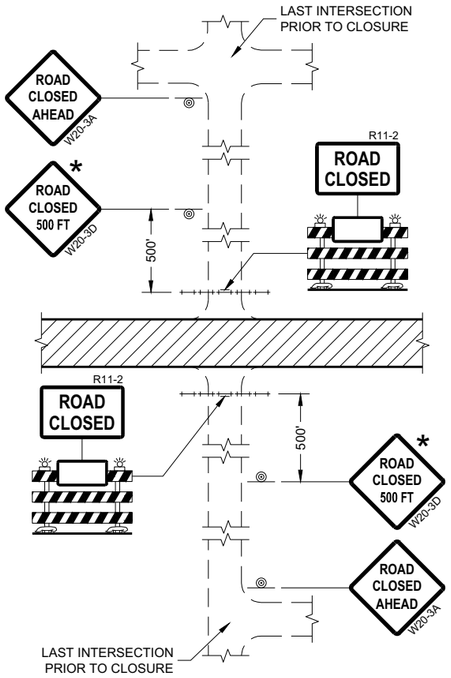
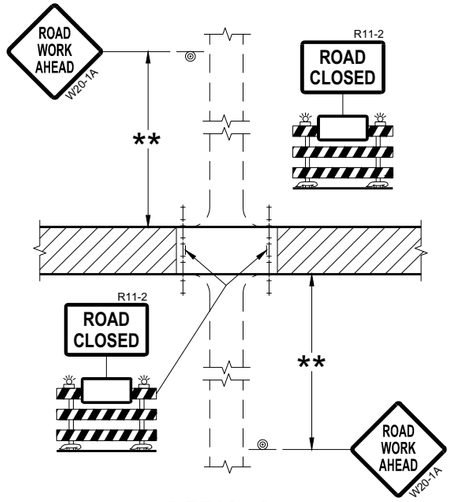
SDD 15C02-09h



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

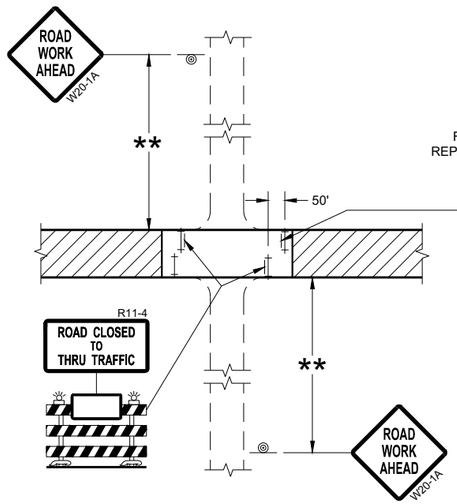
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

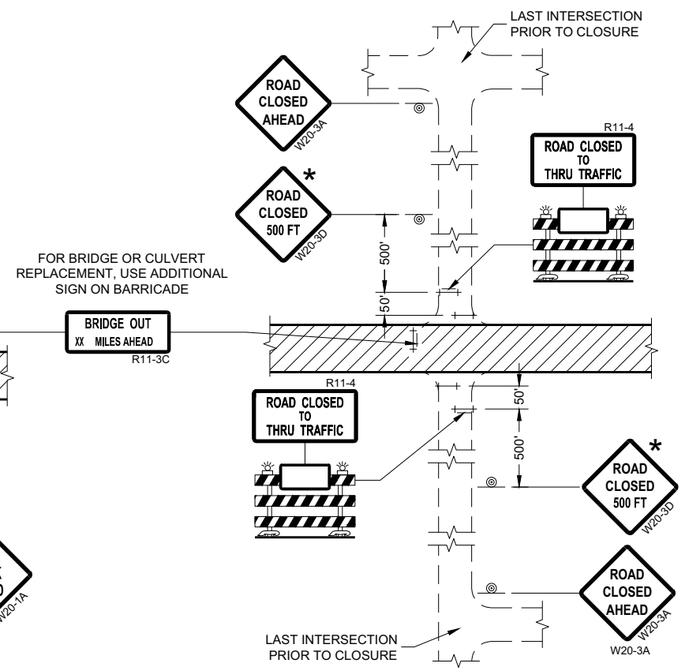
ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)



DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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SDD 15C03 - 05

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

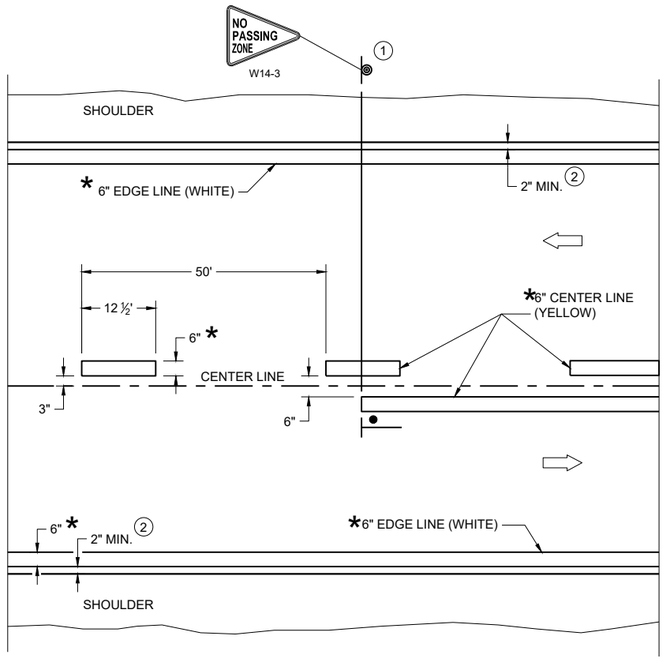
LEGEND

"T" MARKING

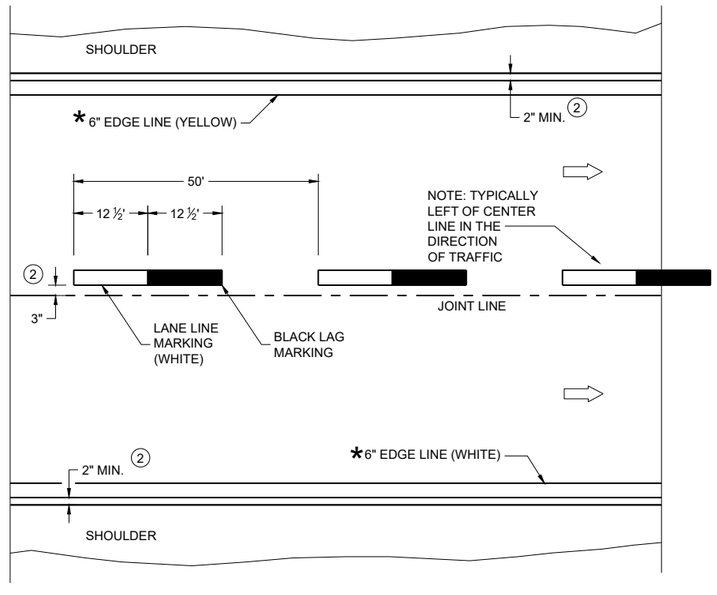
SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

6

SDD 15C08-23a

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2023
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

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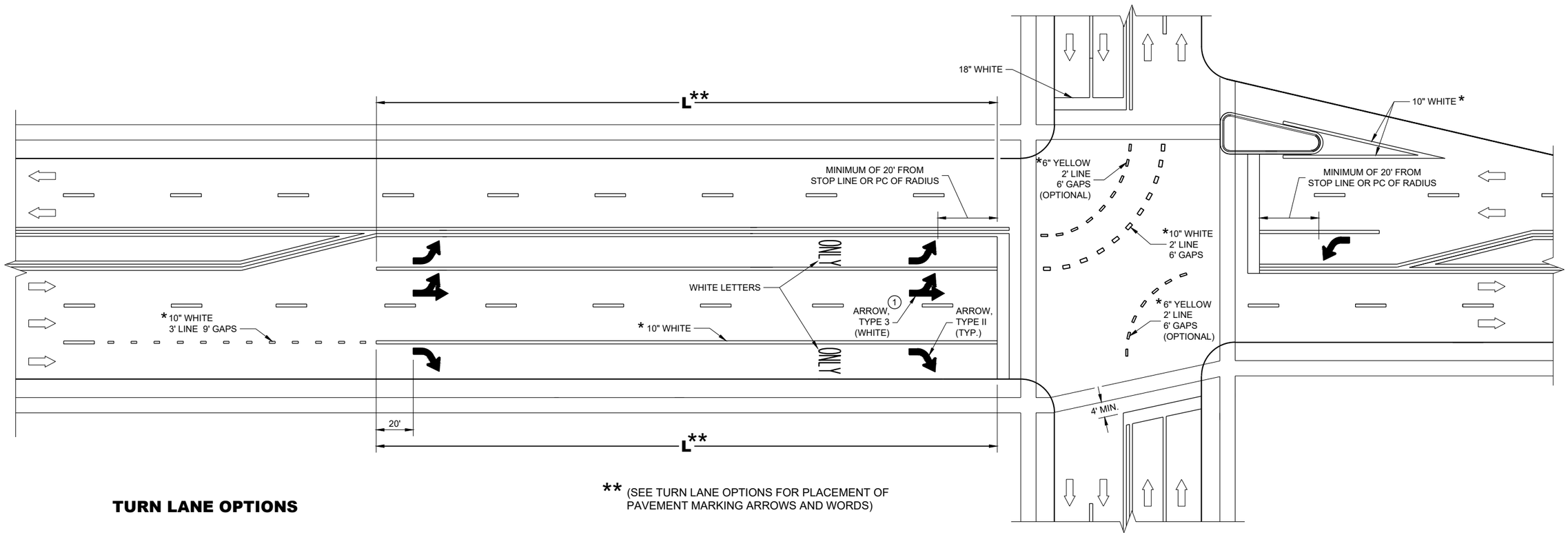
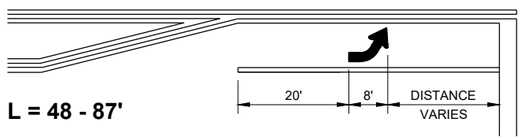
SDD 15C08-23a



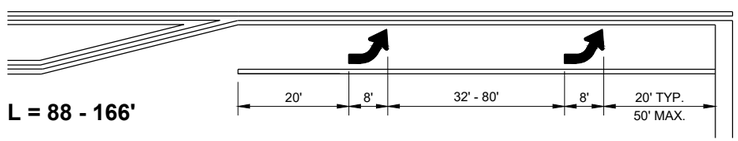
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

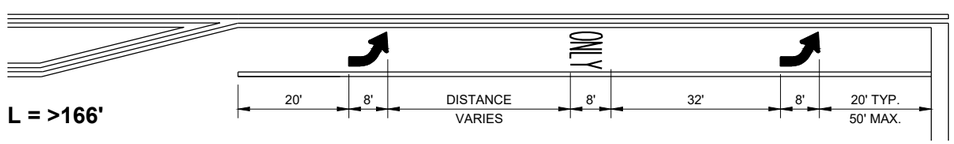
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

(1) QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

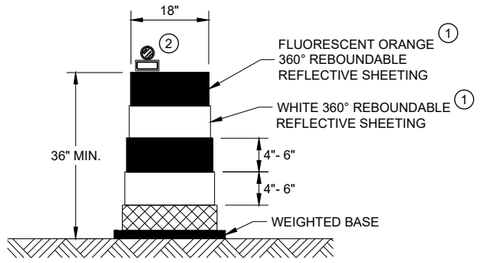
6

SDD 15C08-23d

SDD 15C08-23d

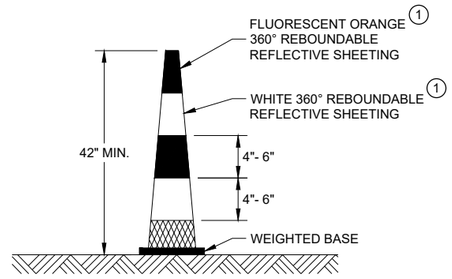
GENERAL NOTES

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

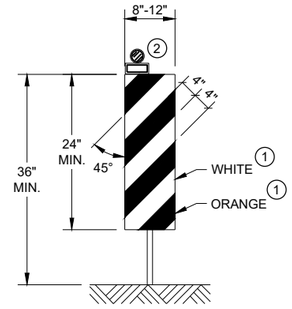
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

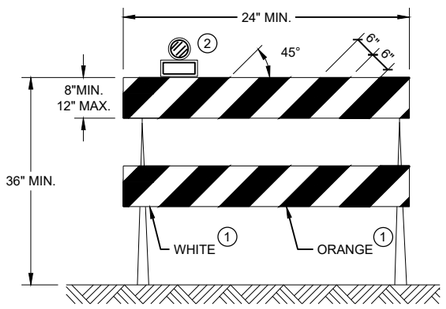
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



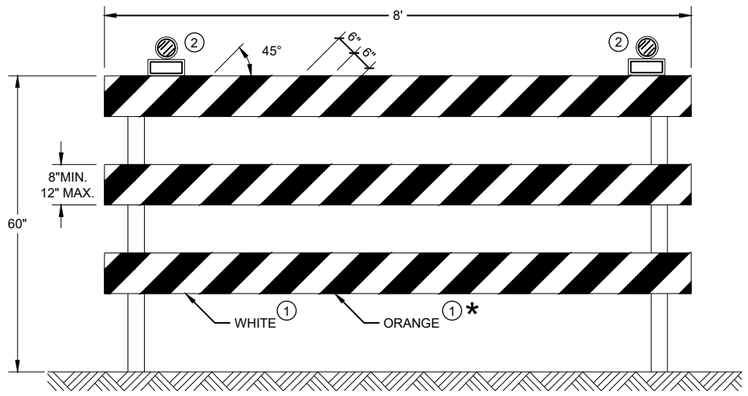
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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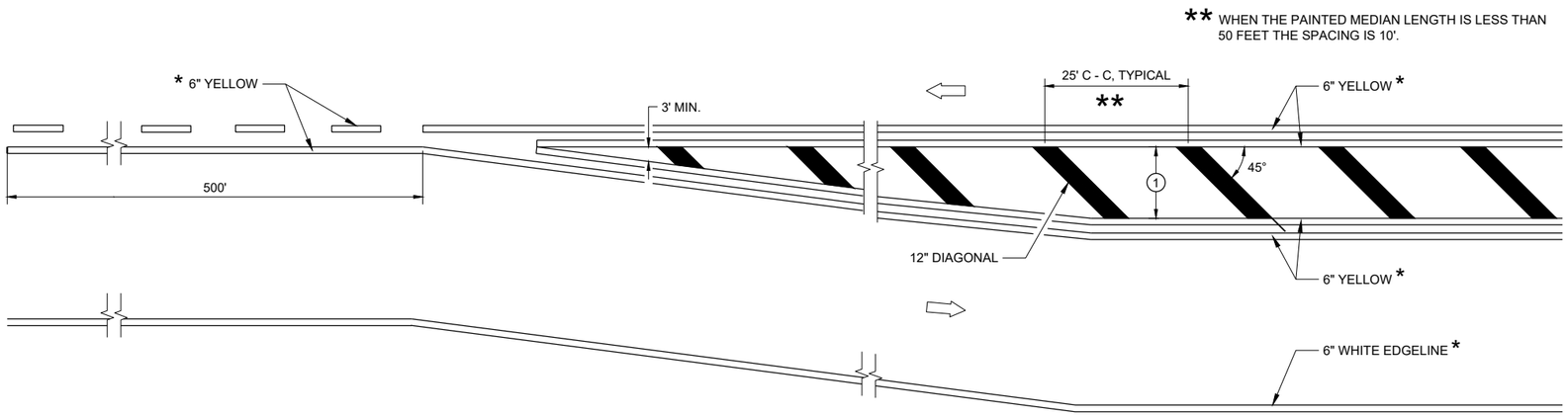
SDD 15C11 - 10b
SDD 15C11 - 10b



MEDIAN ISLAND DETAIL

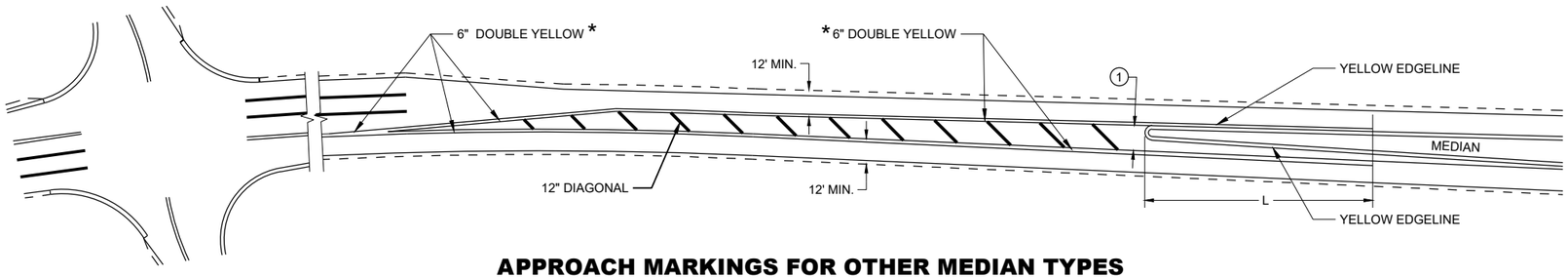
GENERAL NOTES

1. DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

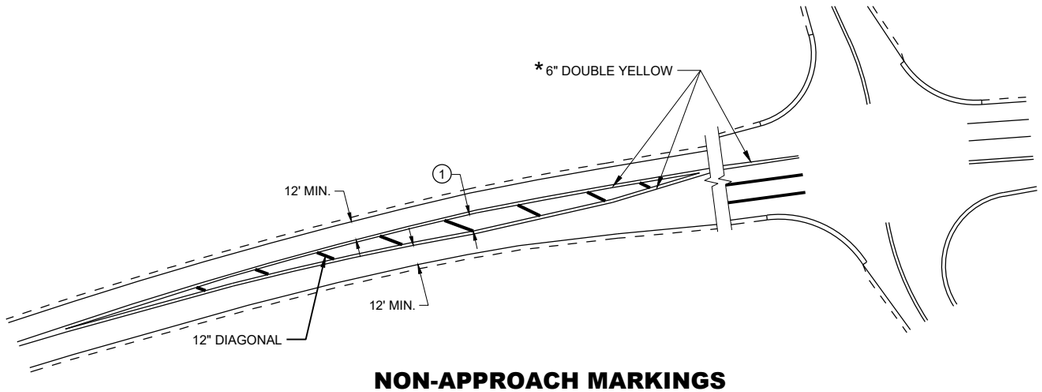
DIRECTION OF TRAVEL

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

SPEED LIMIT	L
<35 MPH	5'
35> MPH	50'



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON-APPROACH MARKINGS

MEDIAN ISLAND PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Jeannie Silver — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

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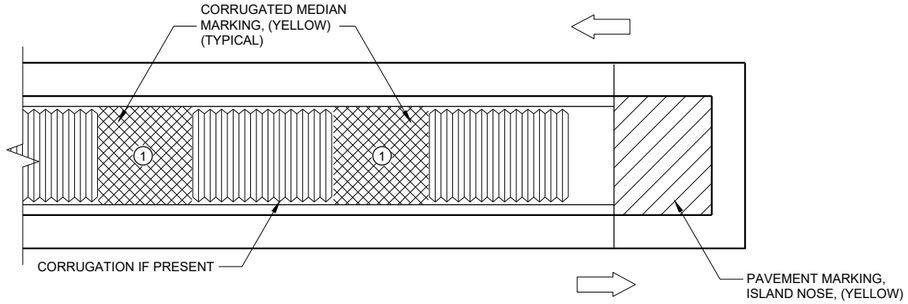
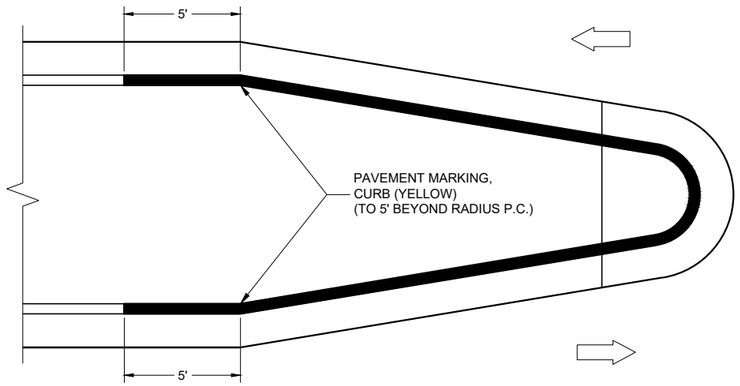
SDD 15C18-08a

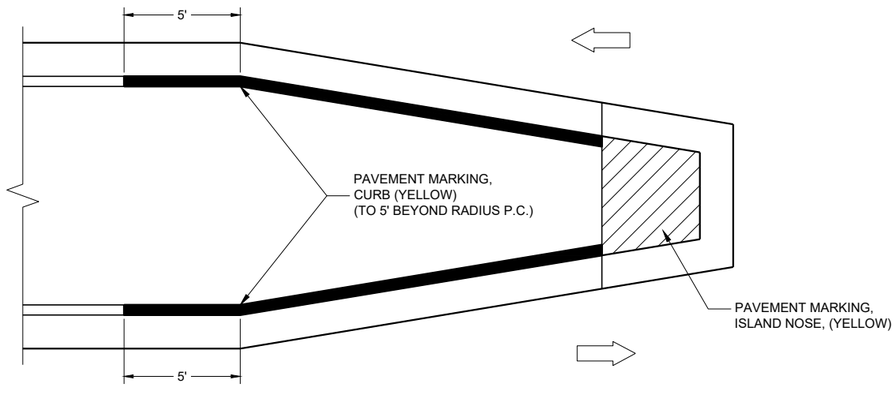
SDD 15C18-08a



MEDIAN ISLAND WITH SQUARE BLUNT NOSE



MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

GENERAL NOTES

WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION, YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.

(1) APPLY PAVEMENT MARKING TO THE FLAT PORTION OF CORRUGATED MEDIAN.

ISLAND NOSE MARKING

CURB MARKING

CORRUGATED MEDIAN MARKING

DIRECTION OF TRAVEL

PAVEMENT MARKINGS, MEDIAN ISLAND NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Jeannie Silver — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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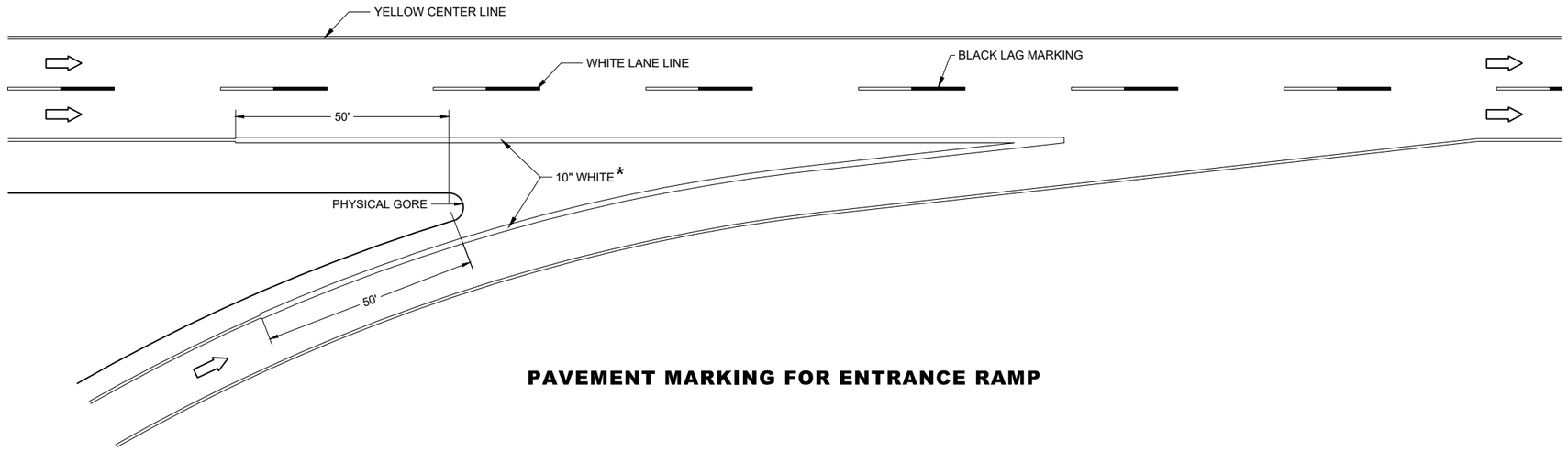
SDD 15C18-08b

6

SDD 15C18-08b



PAVEMENT MARKING FOR ENTRANCE RAMP

GENERAL NOTES

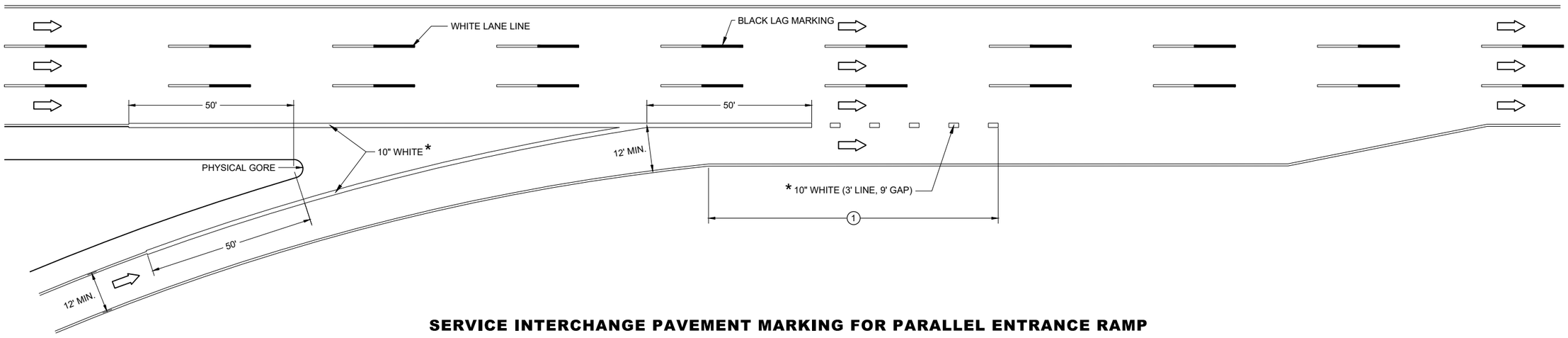
PLACE GROOVE 3 INCHES LEFT OF JOINT.

(1) ½ LENGTH OF FULL WIDTH ACCELERATION LANE.

LEGEND

DIRECTION OF TRAVEL

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL ENTRANCE RAMP

PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP

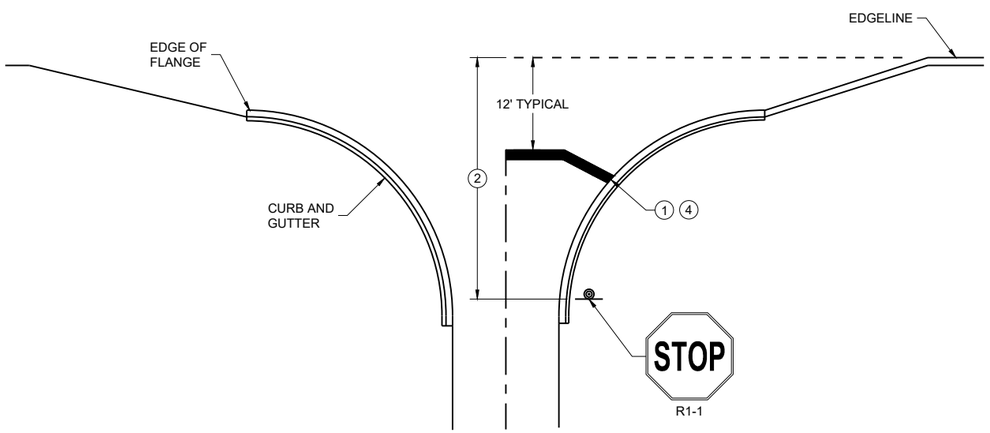
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15C31-06c

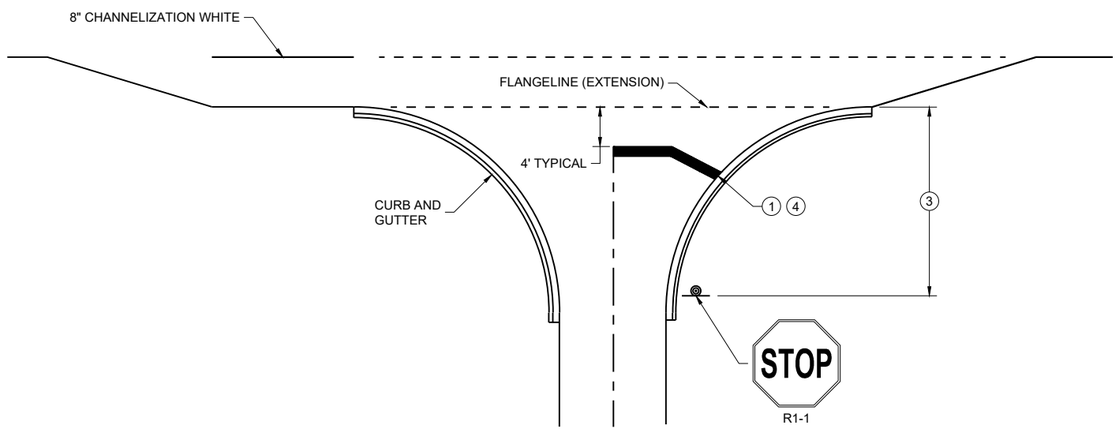
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

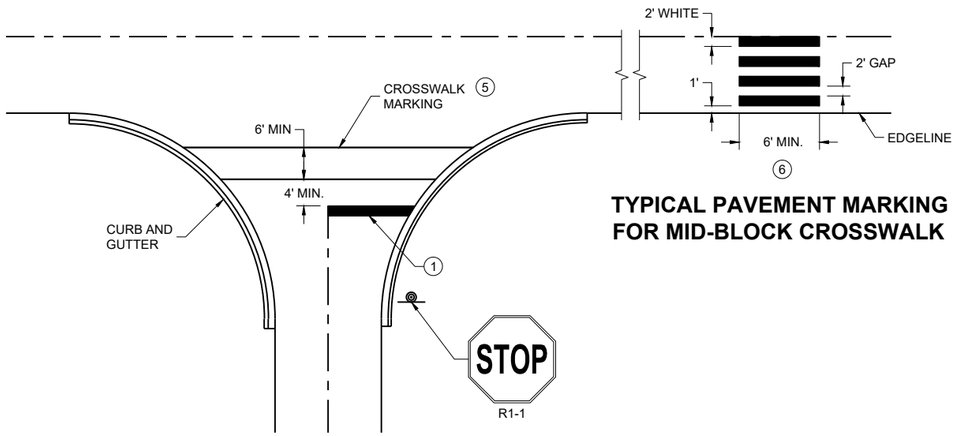
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES.
6. POSTED SPEED LIMITS OF 40 MPH OR GREATER USE A MINIMUM WIDTH OF 8' FOR MIDBLOCK CROSSWALKS



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

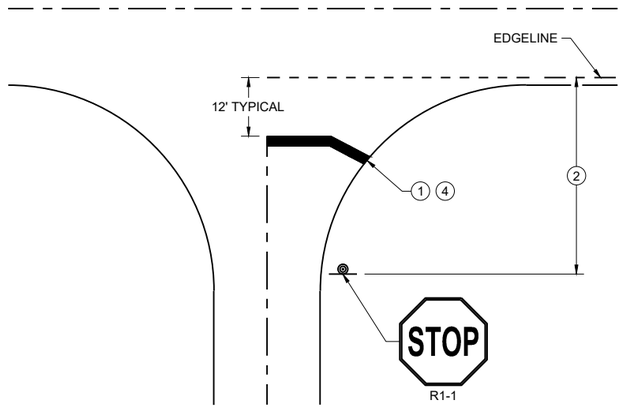


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK (5)

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

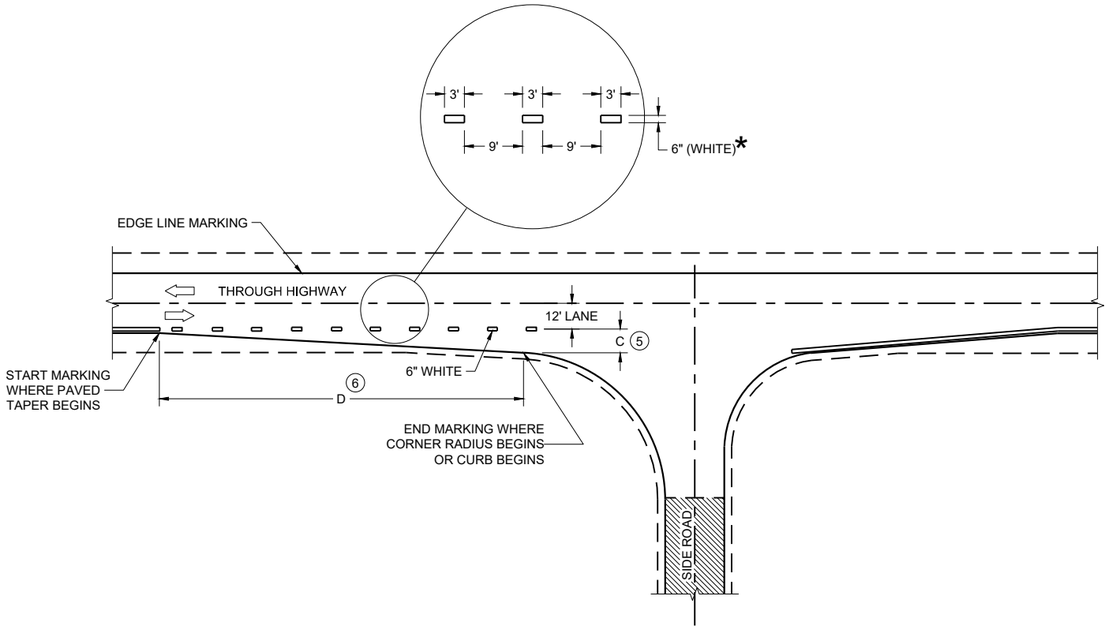
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

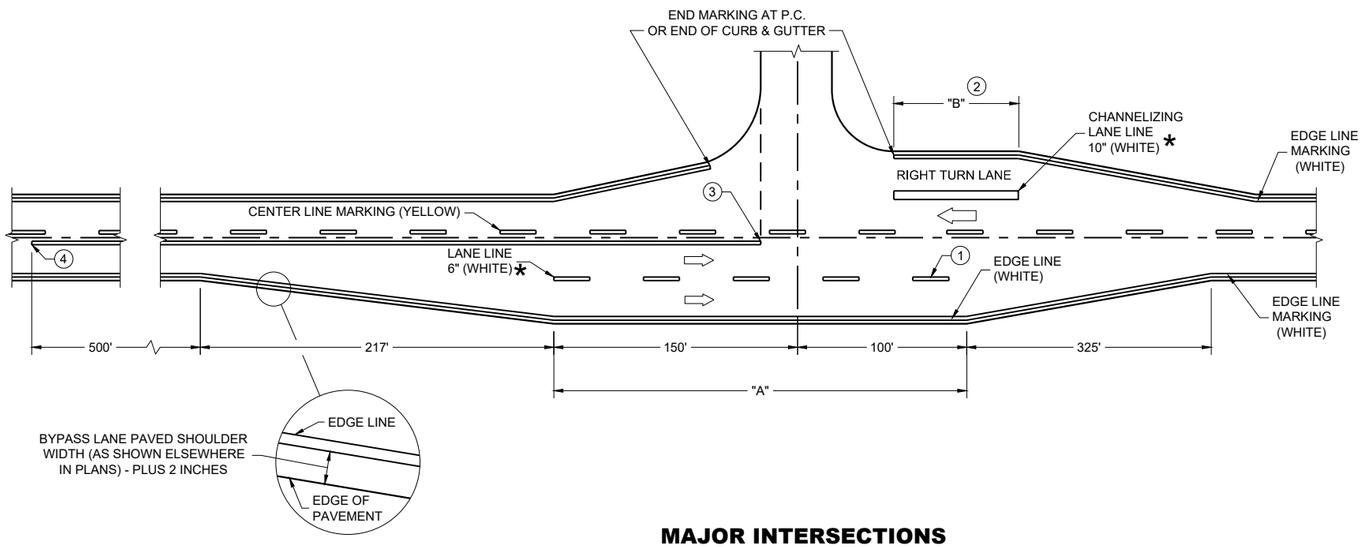
March 2024 — DATE

/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA



MINOR INTERSECTION



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

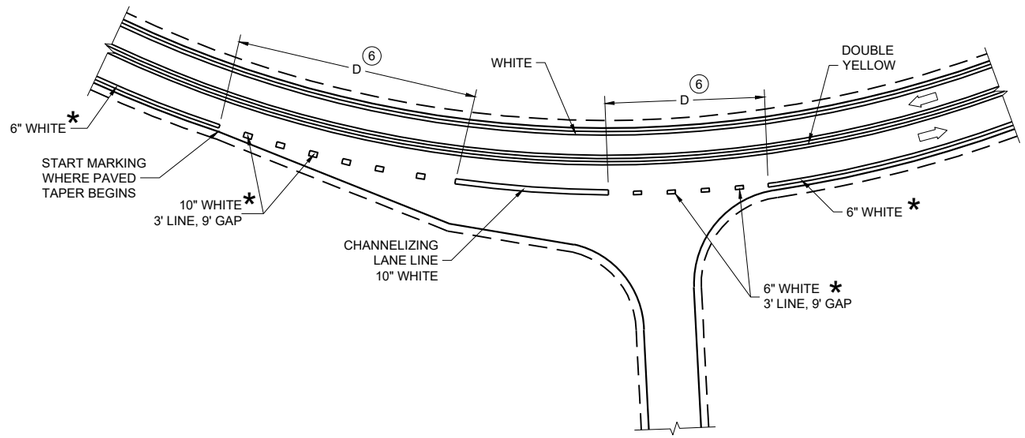
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

DIRECTION OF TRAVEL



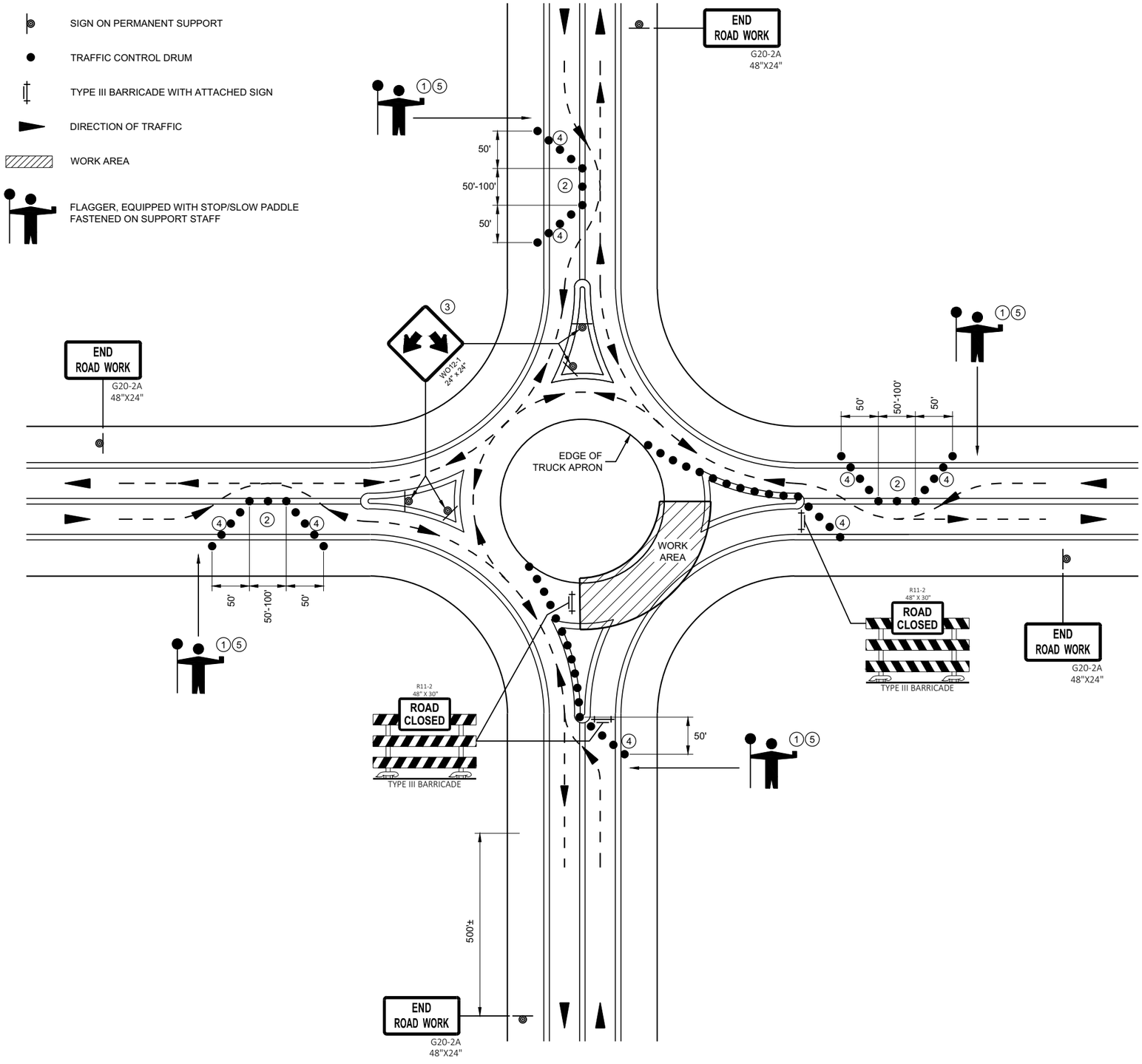
INTERSECTION ON OUTSIDE OF CURVE

PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF



GENERAL NOTES

ALL SIGNS ARE 48"X48" BLACK ON ORANGE UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ONLY ONE QUADRANT OF TRAFFIC SHALL BE RELEASED AT A TIME.

FLAGGERS SHALL CONTROL TRAFFIC ON ALL APPROACHES OF THE ONE-LANE ROUNDABOUT. ONE FLAGGER SHALL BE DESIGNATED LEAD FLAGGER.

NIGHT TIME WORK REQUIRES ADDITIONAL LIGHTING AT FLAGGER STATION(S).

1. FLAGGERS SHALL BE IN DIRECT RADIO CONTACT AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING IS NOT IN EFFECT, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.
2. ADJUST CHANNELIZING DEVICES TO ACCOMMODATE FOR TURNING RADIUS OF LARGE VEHICLES AS DIRECTED BY THE ENGINEER.
3. GUIDE SIGN WITH ROAD NAMES MAY BE USED IN LIEU OF THE DOUBLE ARROW (WO12-1) SIGN.
4. THE TWO- WAY TAPER SHOULD BE 50 FEET USING 5 EQUALLY SPACED DRUMS.
5. FOLLOW SDD 15C12 FOR FLAGGING AND ADVANCE WARNING.

RECOMMENDED REDUCED DRUM SPACING WITHIN ROUNDABOUT

MPH	DRUM SPACING (FT)
0-40	25
45-55	50

TRAFFIC CONTROL, FLAGGING OPERATION, ROUNDABOUT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020 — DATE
/S/ Andrew Heidtke — STATEWIDE WORK ZONE T SAFETY ENGINEER
FHWA

SDD 15D37 - 03

SDD 15D37 - 03

GENERAL NOTES

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

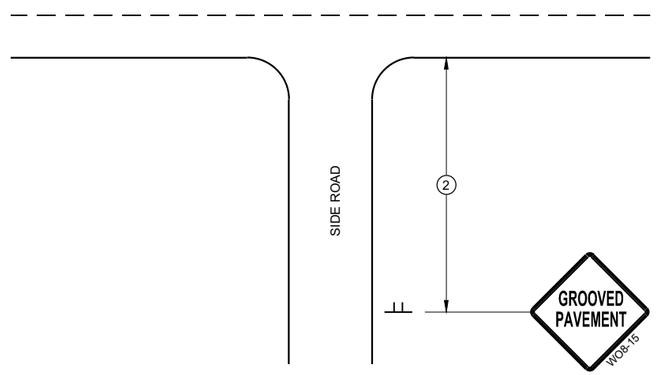
(1) PLACE SIGNS 350' IN ADVANCE OF MILLED SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

(2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

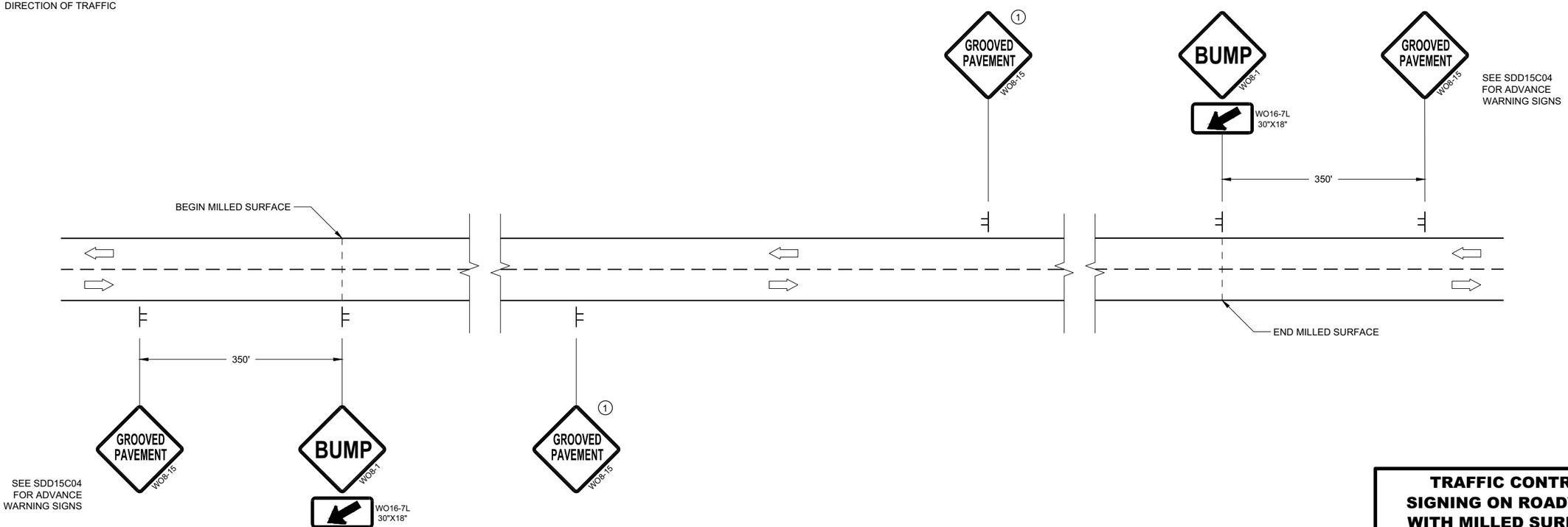
LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON MILLED SURFACES

TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

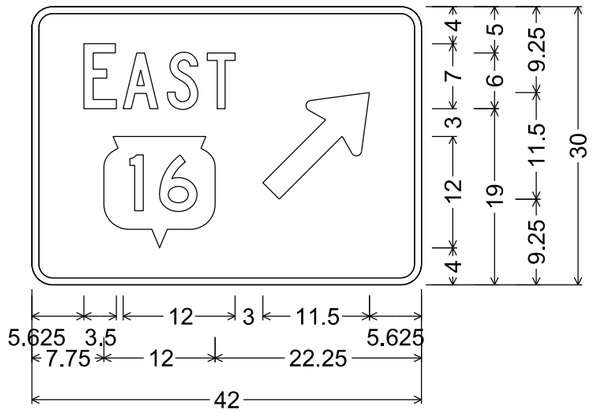
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE

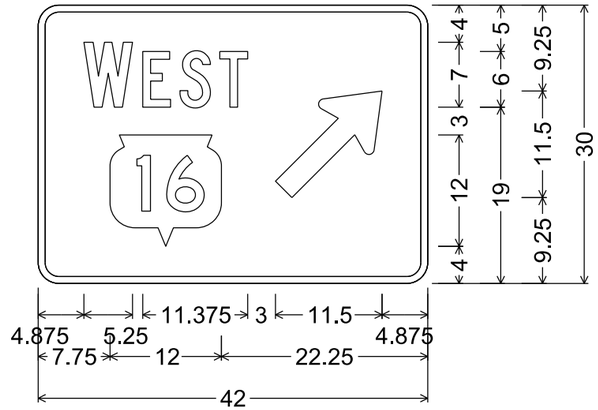
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6
SDD 15D44 - 02



D1-67; 2.250" Radius, 0.750" Border

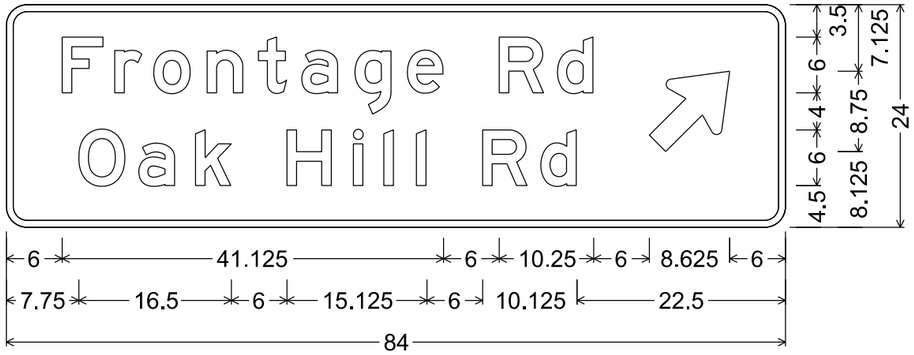


D1-67; 2.250" Radius, 0.750" Border

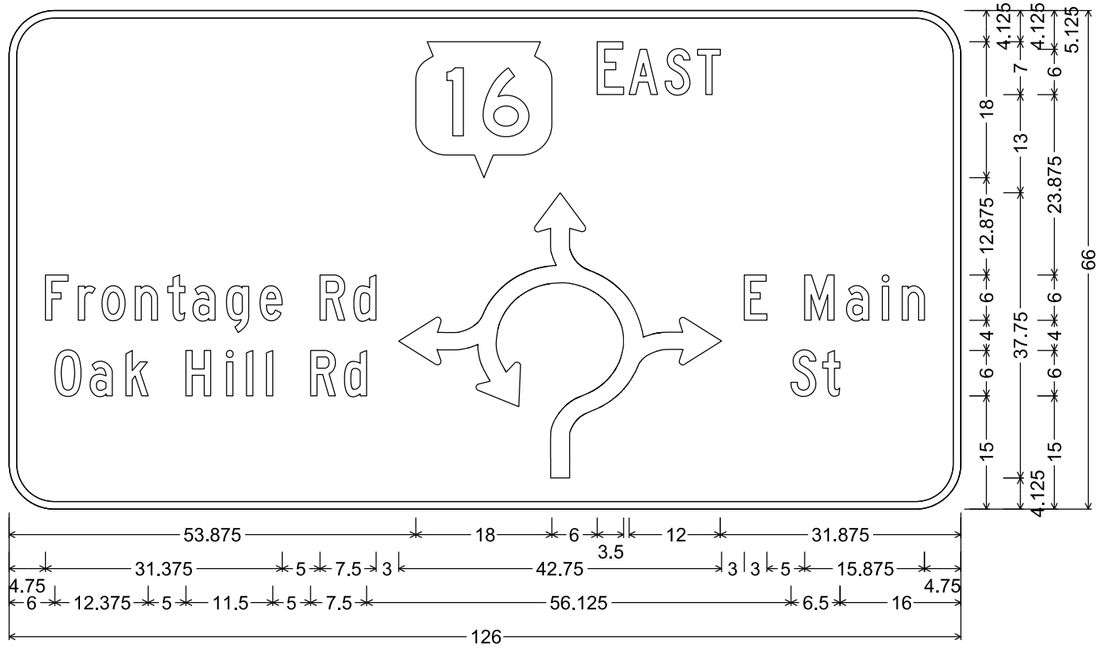
NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - C except as noted

D1-1; 2.250" Radius, 0.750" Border
"E", E; "Main", E; "St", E



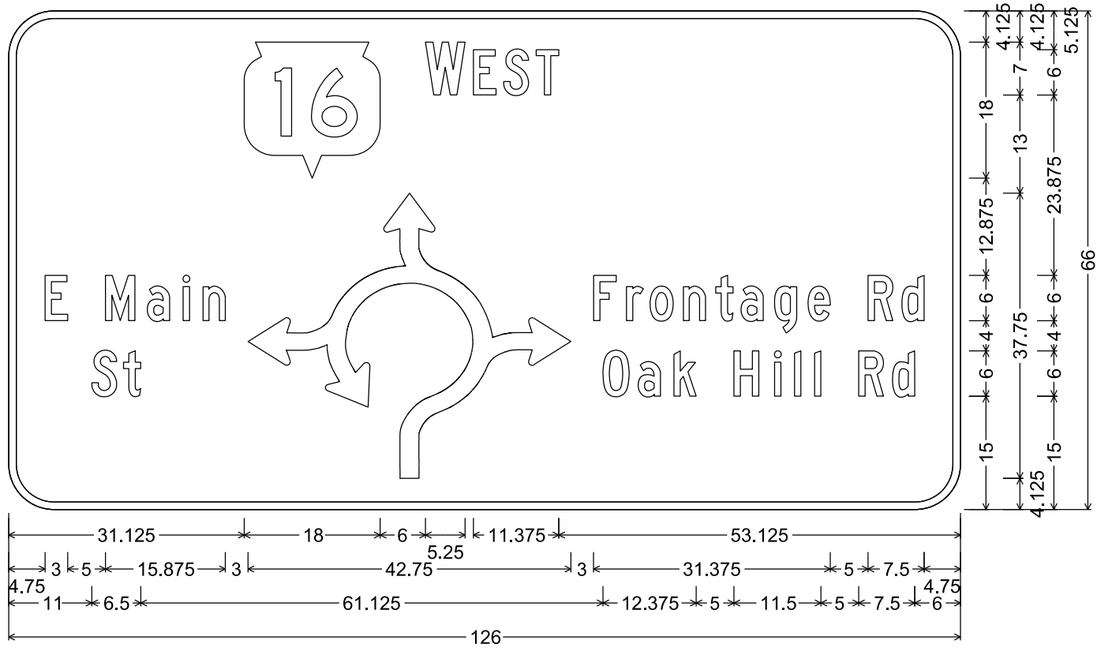
D1-2; 2.250" Radius, 0.750" Border
"Frontage", E; "Rd", E; "Oak", E; "Hill", E; "Rd", E



D1-62 ; 6.000" Radius, 1.000" Border

NOTES

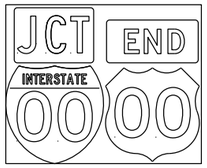
1. Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - C



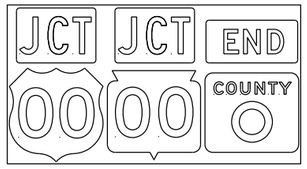
D1-62 ; 6.000" Radius, 1.000" Border

TYPICAL ASSEMBLIES

J1-1



J1-2

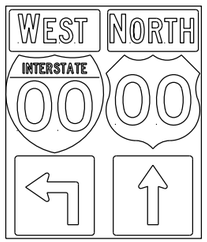


J1-3

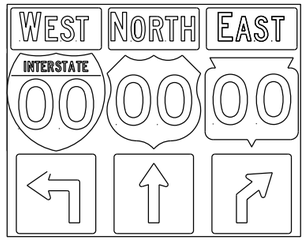
JR1-1

JV
(Typical Vertical J-Assembly
See Note 10 and 11)

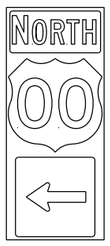
J2-1



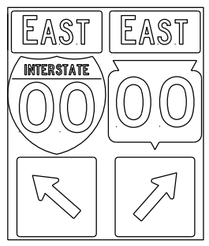
J2-2



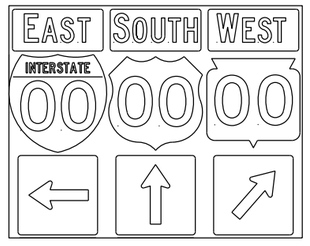
J2-3



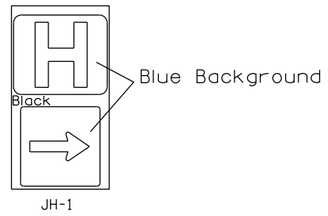
J3-1



J3-2

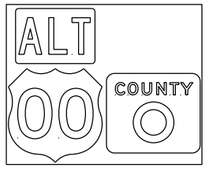


J3-3

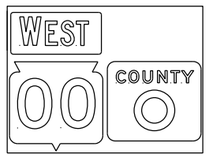


JH-1

J4-1

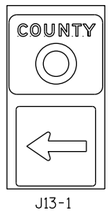


J4-2



J4-2

J12-1



J13-1

J32-1

J33-1

J22-1

J23-1

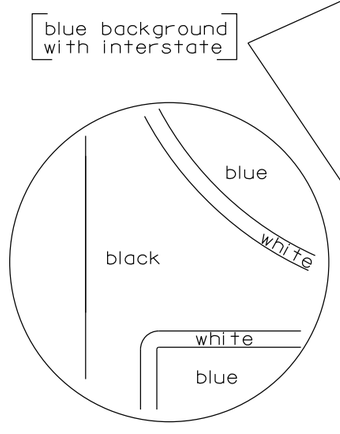
JR13-1

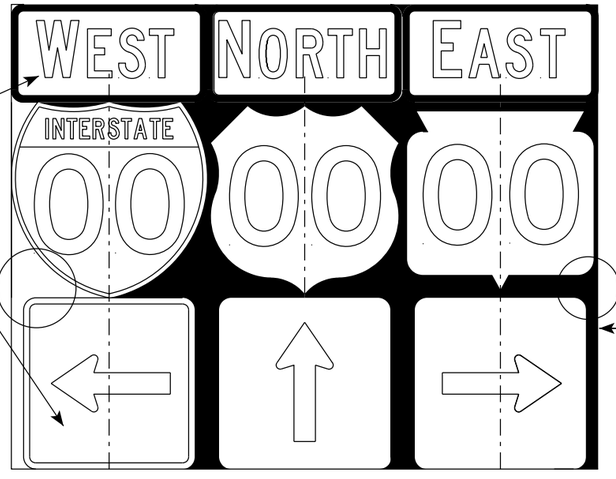
JR23-1

JR99-1

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Black Non-reflective
   Message - see Note 4
3. Message Series - See Note 4
4. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
5. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
6. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
7. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
8. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. All Vertical J Assemblies are given a Sign Code of JV
10. For JV Assemblies that have a mixture of Interstate and Non-Interstate shields, arrows and cardinals shall be white on blue.
11. For JV Assemblies that have a mixture of Non-Interstate and Auto-Tour shields, arrows and cardinals shall be black on white.





ROUTE MARKERS & COMPONENTS IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

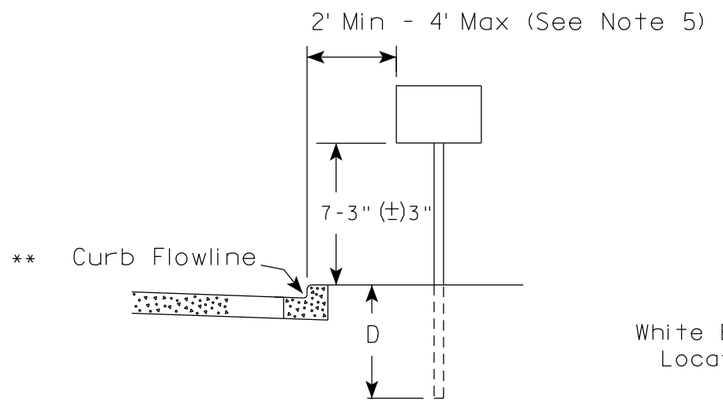
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/23 PLATE NO. A2-1S.10

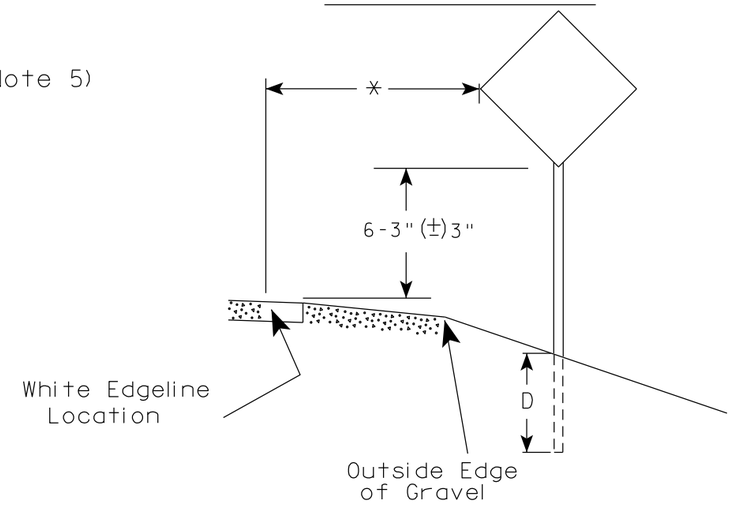
PROJECT NO:

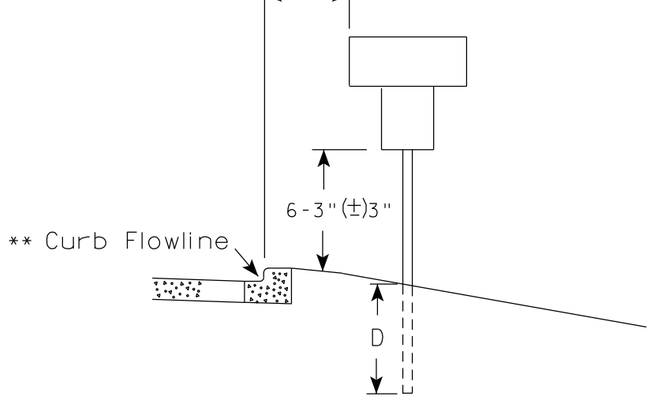
SHEET NO: 385 E

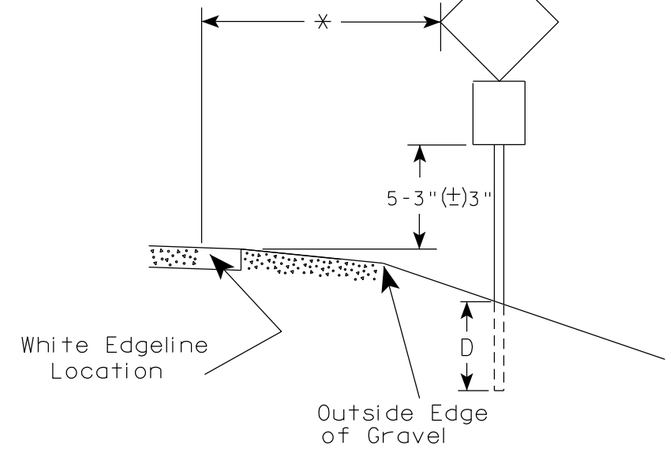
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±) 3".
3. For expressways and freeways, mounting height is 7'- 3" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directd by the Engineer.

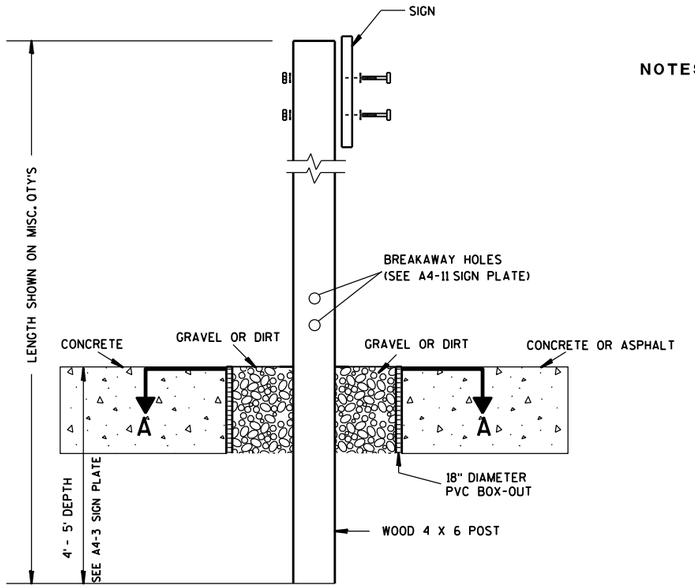
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

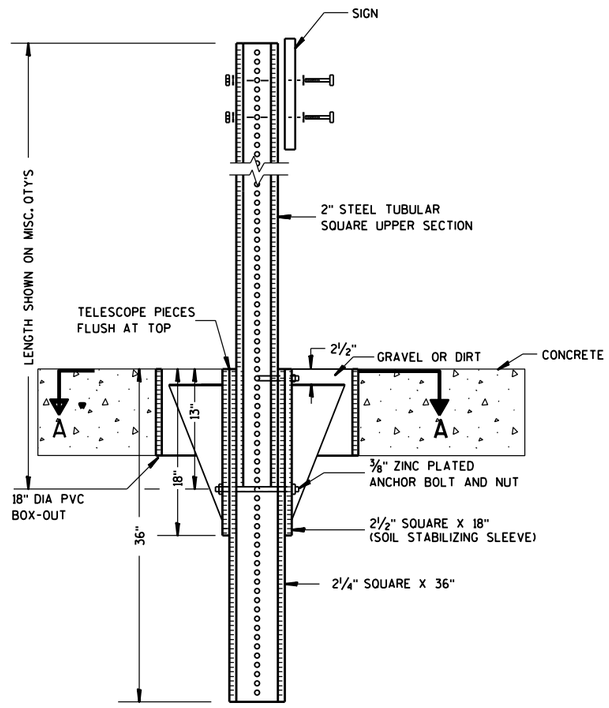
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 386	E



ELEVATION VIEW

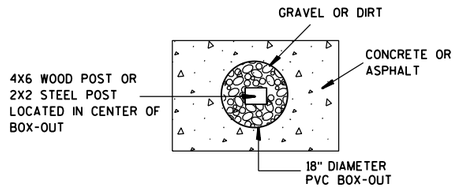
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

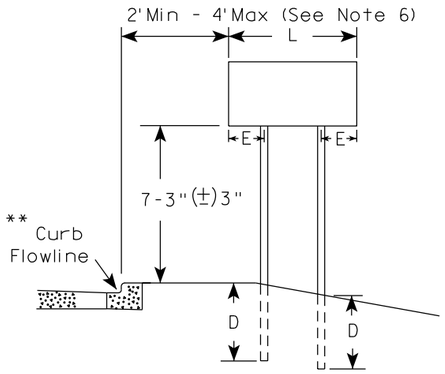
WISCONSIN DEPT OF TRANSPORTATION

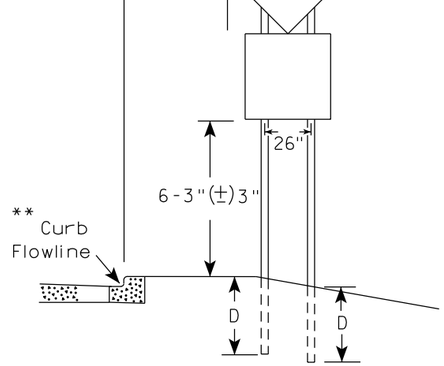
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

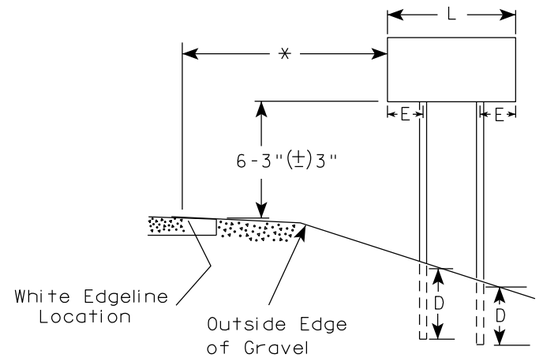
URBAN AREA

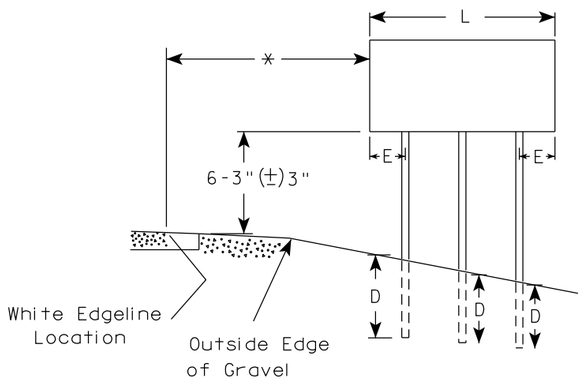


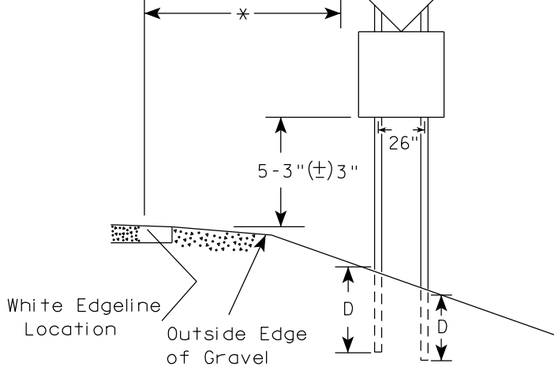


48" DIAMOND WARNING SIGN

RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) 3" or 6'-3" (±) 3" depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±) 3".

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

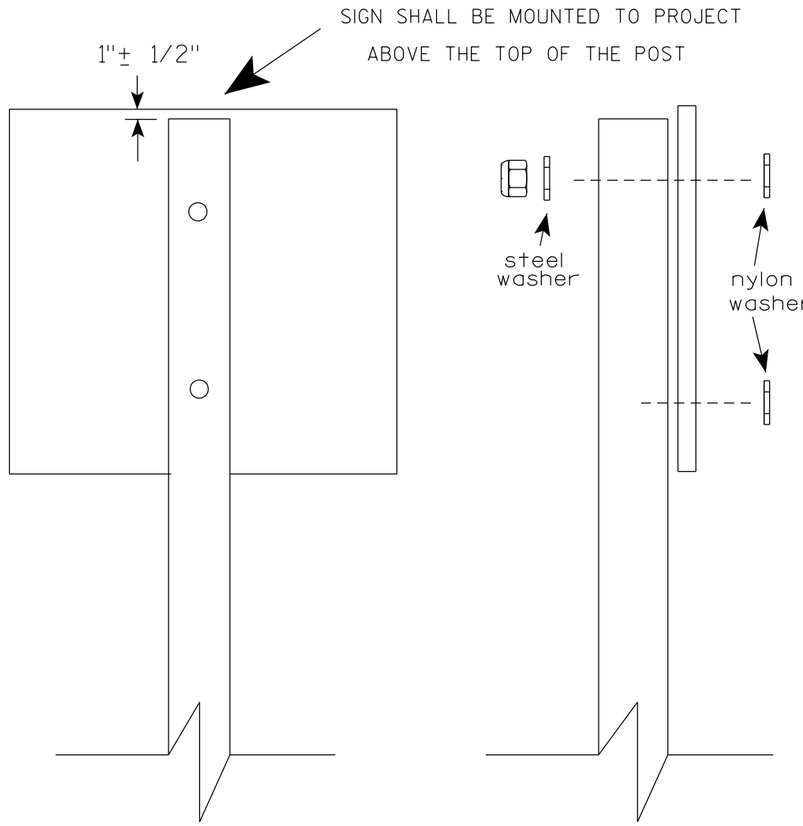
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

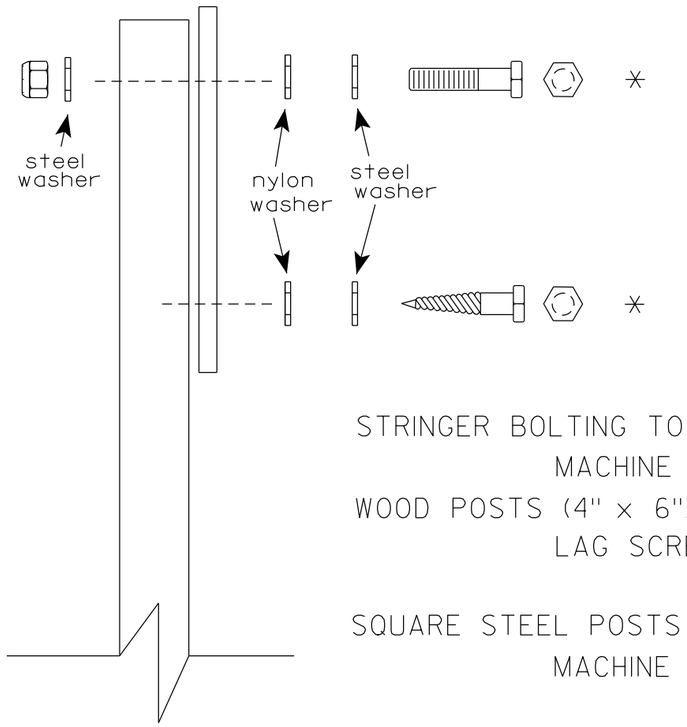
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-4.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 388	E





Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

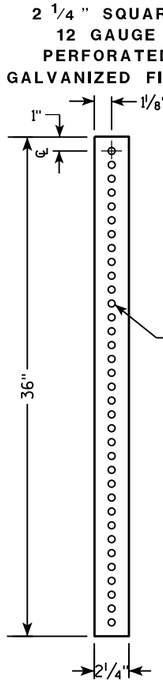
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

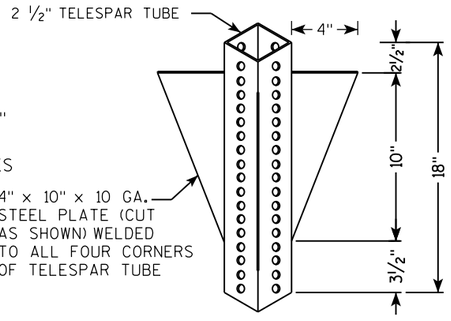
DATE 4/1/2020 PLATE NO. A4-8.9

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

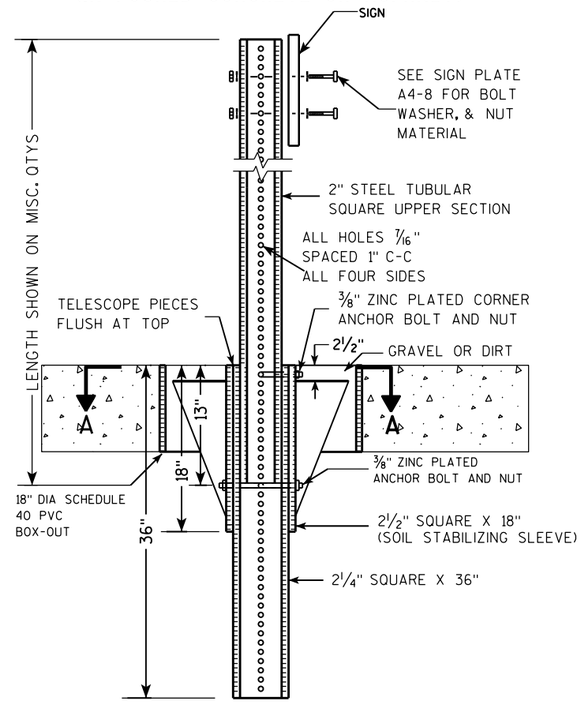
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



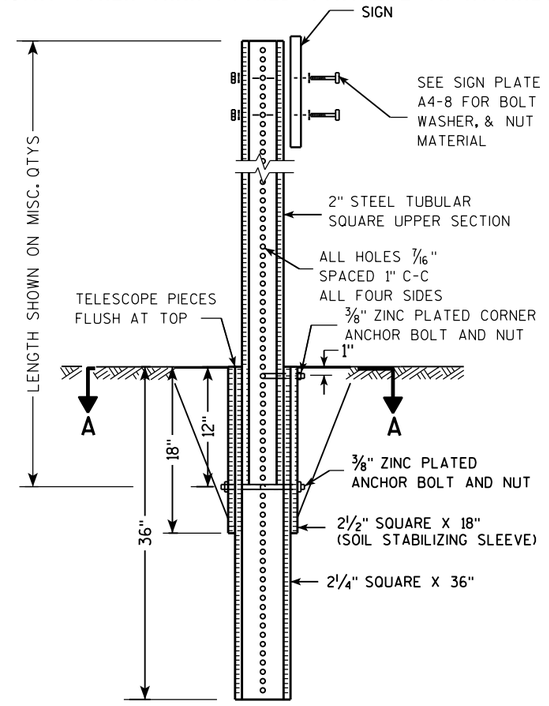
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

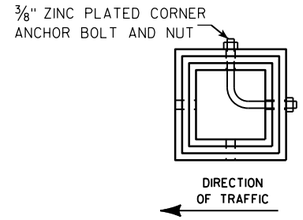


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

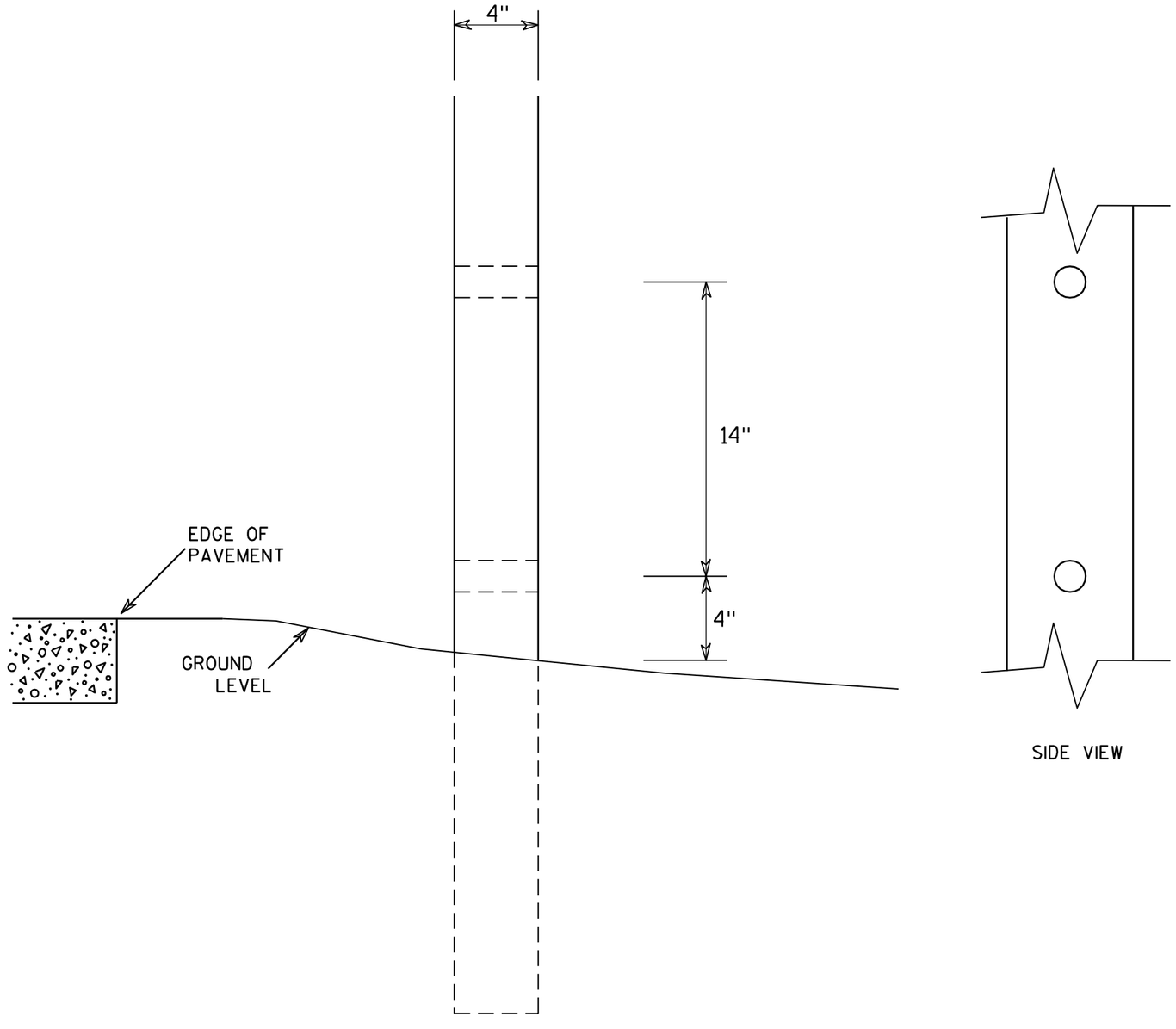
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 390 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

4 X 6 WOOD POST MODIFICATIONS

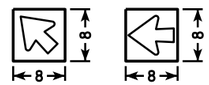
WISCONSIN DEPT OF TRANSPORTATION

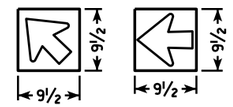
APPROVED Chester J Spang for State Traffic Engineer

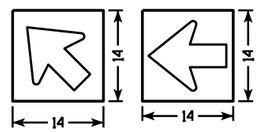
DATE 3/27/97 PLATE NO. A4-11.2

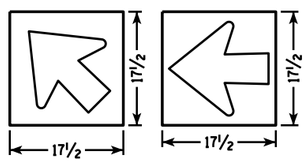
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 391	E

SIGN LAYOUT WITH VARIOUS SIZED MESSAGES







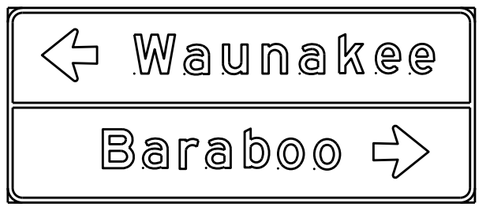


GENERAL NOTES

1. Materials shall conform to Standard Specification Section 637.
   Base - Sheet Aluminum 0.040" Thickness
   Sheeting - Orange Type F Reflective
   Arrow - Black Non-Reflective
2. Arrow signs shall be fastened to permanent sign by either aluminum rivets or aluminum self-tapping sheet metal screws. There shall be a minmum of 2 fasteners used per arrow sign.
3. There shall be a spacer consisting of a 0.08" nylon washer between the back of the arrow sign and the face of the permanent sign.
4. Arrows are per standard plate A1-2
5. Use separate arrow sign for each destination
6. Tilt arrow is always at 45 degrees
7. Arrow is centered on arrow sign

Lower Case Copy Size	Standard Width (Single Arrow)	2 Line Tilt Arrow Cover Width	3 Line Tilt Arrow Cover Width	Height
3¾" Series C	8	9 ½	14 ½	8
4½" Series D & E	9 ½	10	15	9 ½
6" Series D & E	14	16	20 ½	14
8" Series E	17 ½	20 ½	25	17 ½

BEFORE



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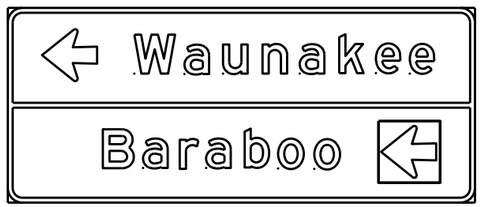
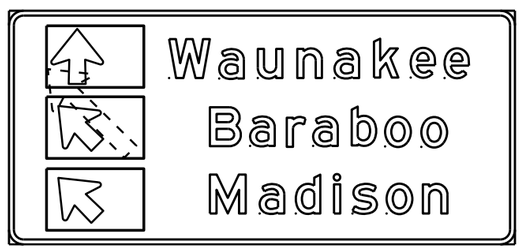




DESTINATION DIRECTIONAL ARROW FOR DETOUR SIGNS

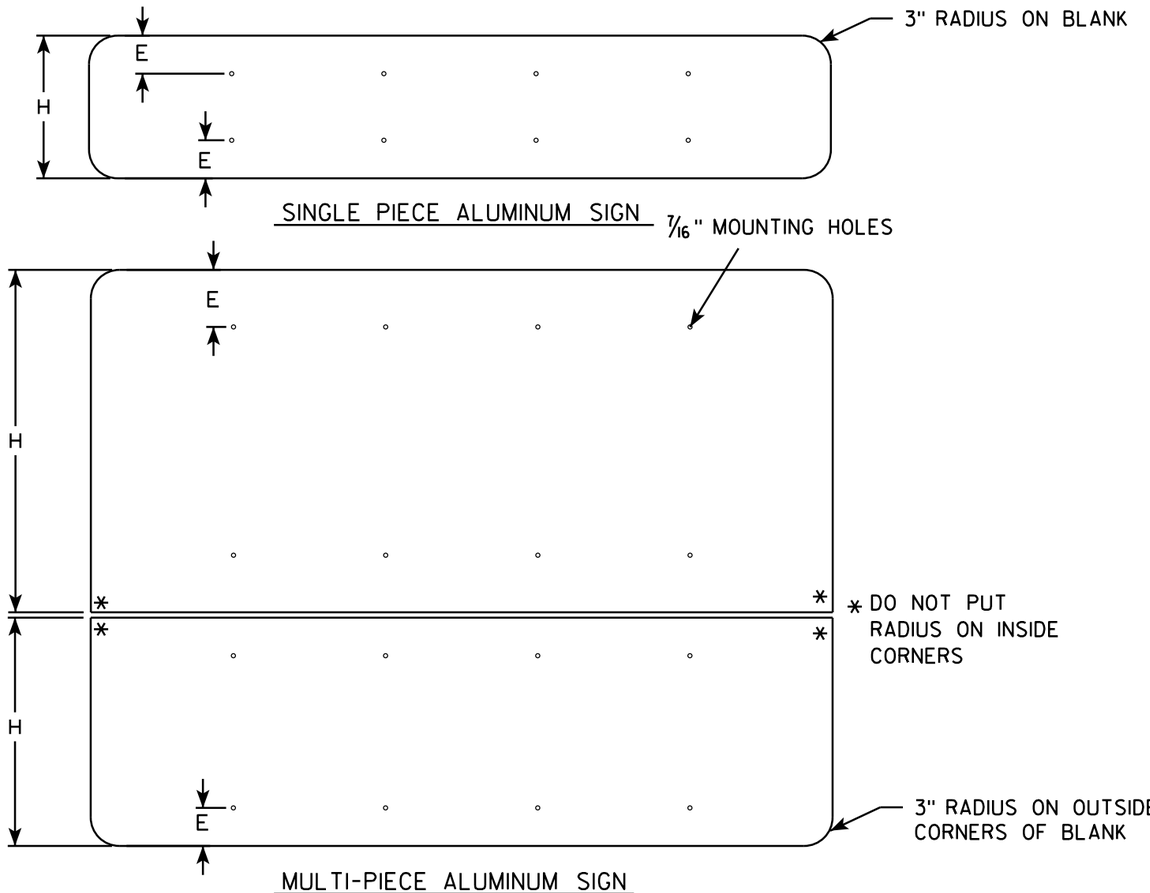
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/08/14

PROJECT NO:

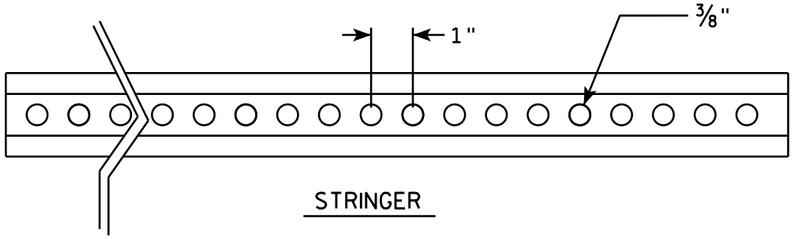
SHEET NO: E



GENERAL NOTES

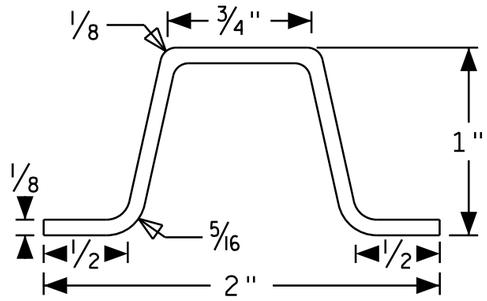
- ALL SIGNS OVER 60" IN WIDTH SHALL HAVE A 3" RADIUS ON THE OUTSIDE CORNERS OF THE ALUMINUM BLANK.
- MOUNTING HOLES SHALL BE 7/16" DIAMETER.
- SEE CHART FOR HOLE SPACING REQUIREMENTS
- FOR SIGN PANELS WITH DIMENSION (H) 36" AND OVER, DIMENSION E SHALL BE 6"
- FOR SIGN PANELS WITH DIMENSION (H) UNDER 36", DIMENSION E SHALL BE 4"
- SIGN STRINGER MATERIAL SHALL CONSIST OF STEEL CHANNEL POST SECTIONS, WEIGHING 1.12 LBS/FT IN ACCORDANCE WITH SECTION 633.2.1 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- SEE SIGN PLATE A4-8 FOR SIGN STRINGER BOLTING REQUIREMENTS.

SIGN WIDTH	STRINGER WIDTH	POSTS	HOLE SPACING	MOUNTING HOLES
78"	72"	2	16"	15" 31" 47" 63"
84"	72"	2	17"	16½" 33½" 50½" 67½"
90"	72"	2	18"	18" 36" 54" 72"
96"	90"	2	19"	19½" 38½" 57½" 76½"
102"	90"	2	20"	21" 41" 61" 81"
108"	90"	2	21"	22½" 43½" 64½" 85½"
114"	108"	3	15"	12" 27" 42" 57" 72" 87" 102"
120"	108"	3	16"	12" 28" 44" 60" 76" 92" 108"
126"	108"	3	17"	12" 29" 46" 63" 80" 97" 114"
132"	126"	3	18"	12" 30" 48" 66" 84" 102" 120"
138"	126"	3	19"	12" 31" 50" 69" 88" 107" 126"
144"	126"	3	20"	12" 32" 52" 72" 92" 112" 132"

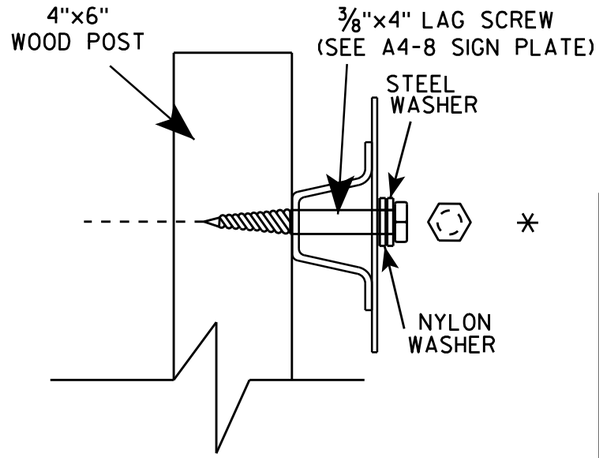


STRINGER

CROSS SECTION VIEW OF CHANNEL



POST MOUNTING



SIGN STRINGER MOUNTING REQUIREMENTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

for State Traffic Engineer

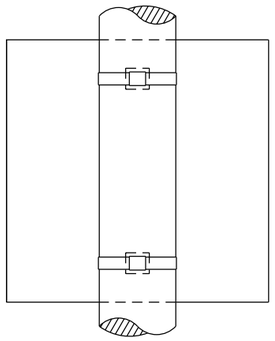
DATE 4/26/16 PLATE NO A4-18.1

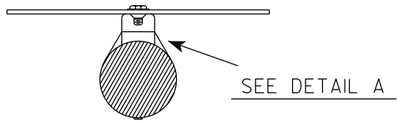
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

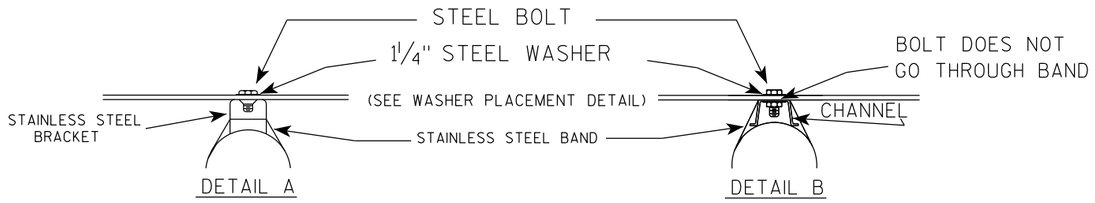
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A418.dgn PLOT DATE : 27-APR-2016 13:56 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 41.805205:1.000000 WISDOT/CADDS SHEET 42

BANDING

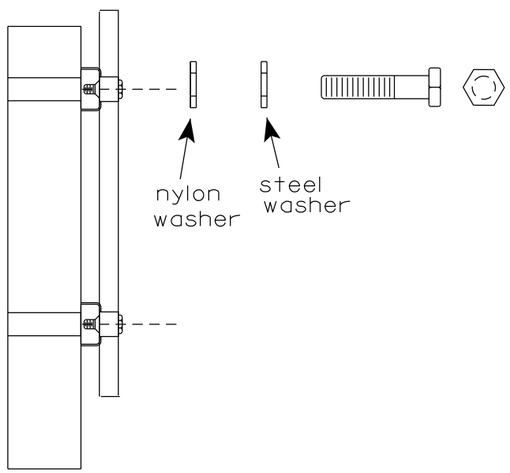
SINGLE SIGN







WASHER PLACEMENT

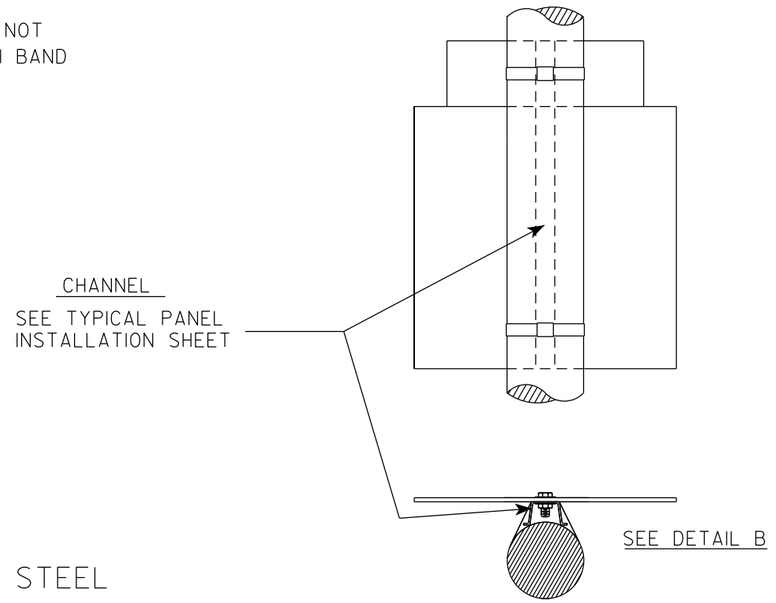


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

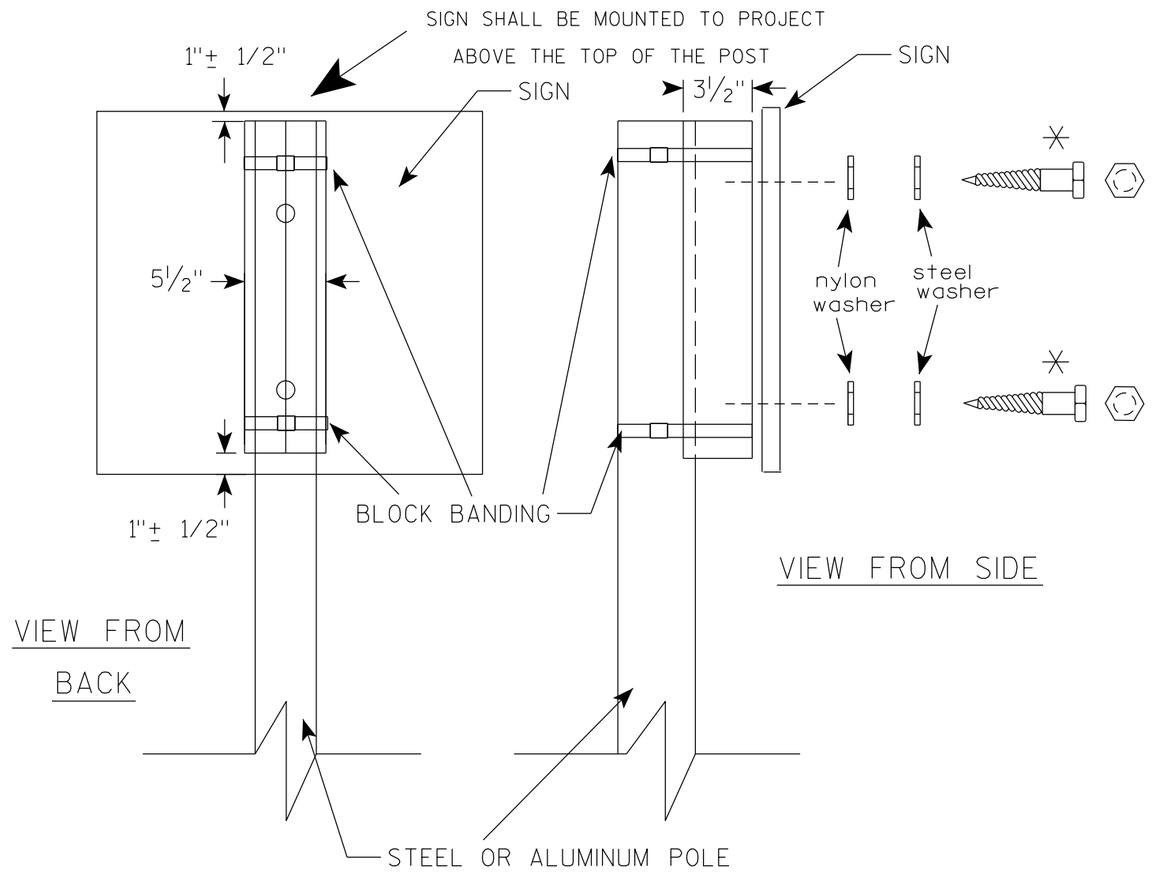
DATE 6/10/19 PLATE NO. A5-9.4

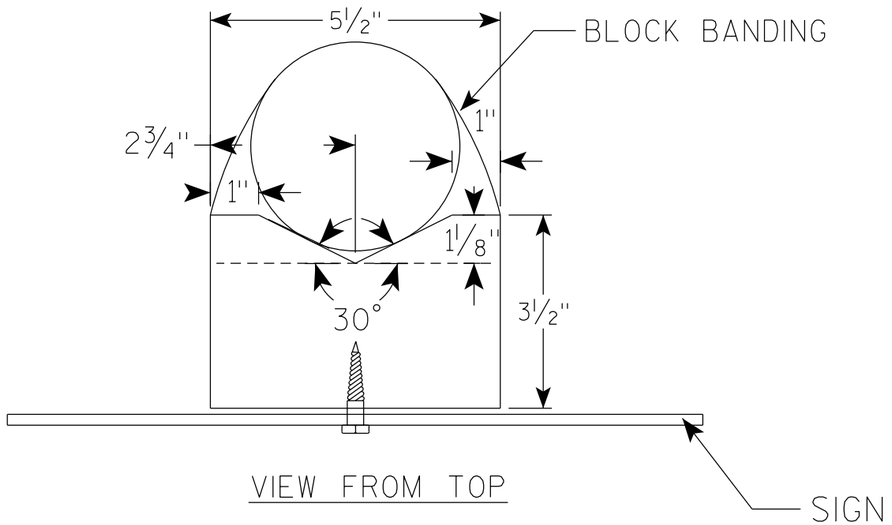
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 394	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

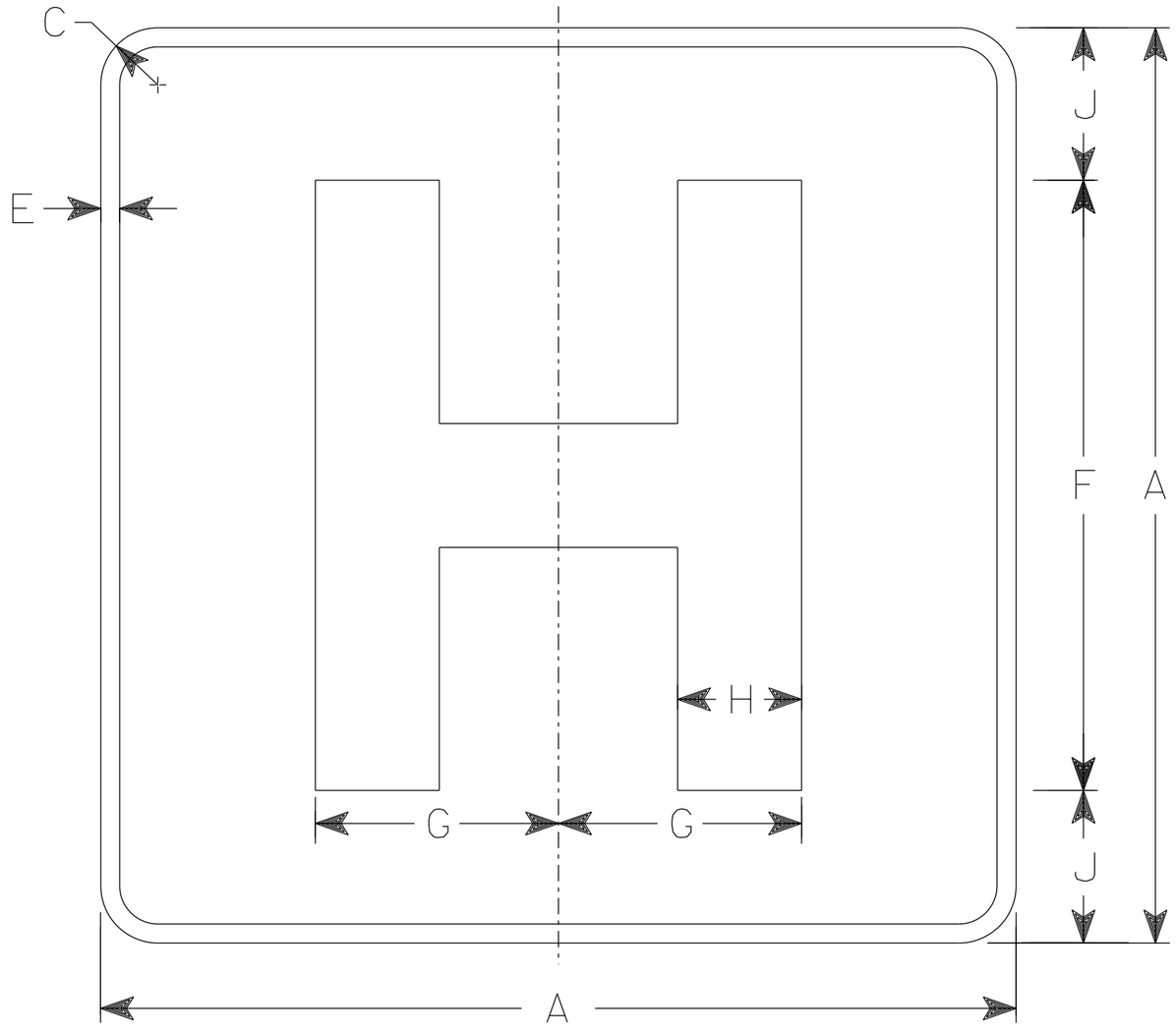
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 395 E



D9-2

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Blue
   Message - White
3. Message Series - E Modified
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18		1 1/2		1/2	12	4 3/4	2 3/8		3																	2.25
2S	24		1 1/2		1/2	16	6 3/8	3 1/4		4																	4.0
2M	24		1 1/2		1/2	16	6 3/8	3 1/4		4																	4.0
3	36		2 1/4		3/4	24	9 1/2	4 7/8		6																	9.0
4																											
5																											

STANDARD SIGN
D9-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/25/2023 PLATE NO. D9-2.6

PROJECT NO:

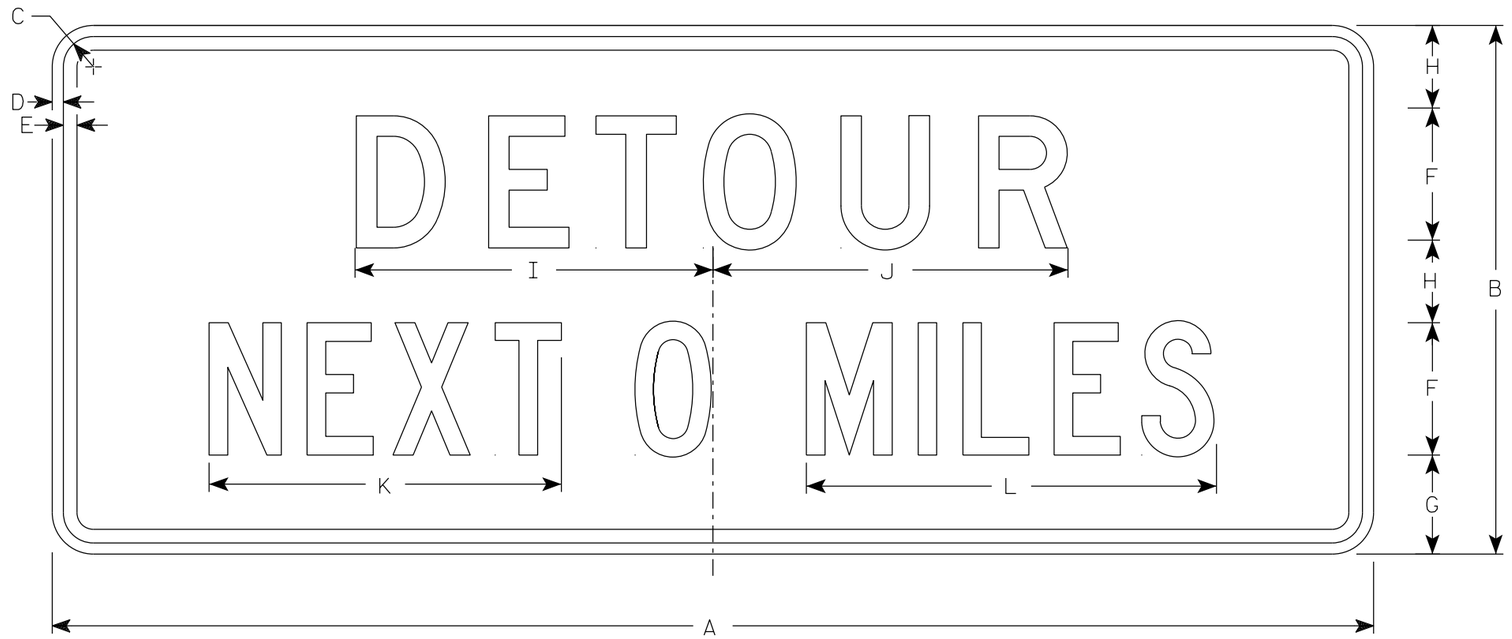
SHEET NO: 396 E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\D92.dgn PLOT DATE : 25-JAN 2023 1:20 PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

7

7



G20-51

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - Line 1 is D and Line 2 is C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Round distance to nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0
2M	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0
3	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0
4	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0
5	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0

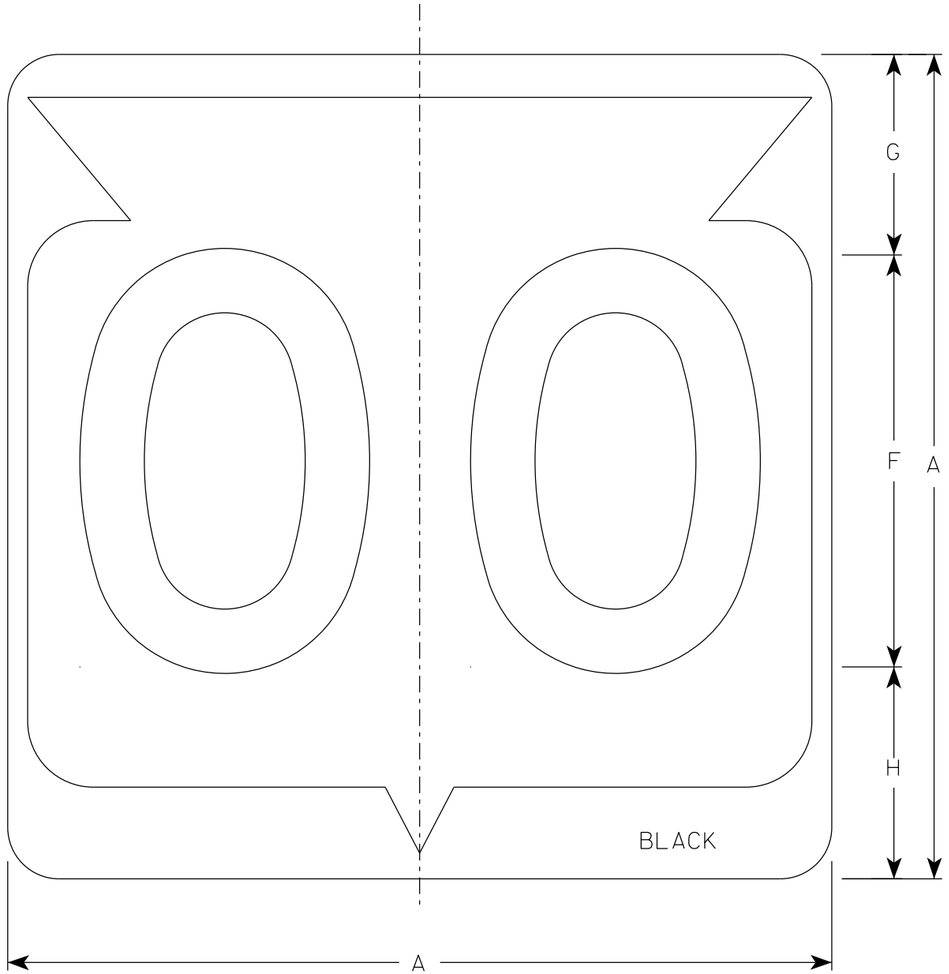
STANDARD SIGN
G20-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-51.3

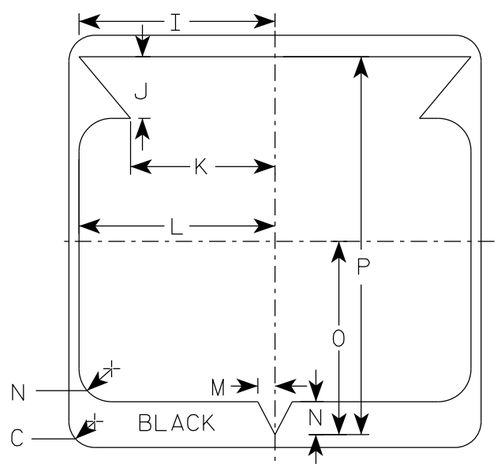
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 397	E



M1-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
2M	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

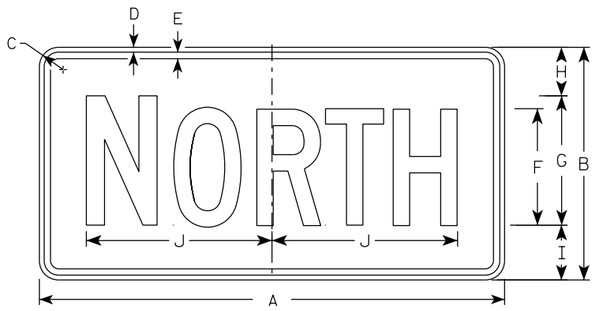
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

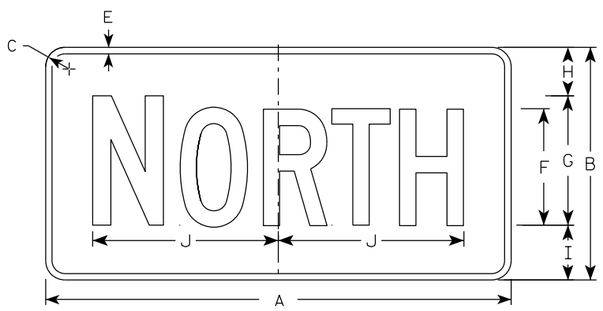
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-6.11

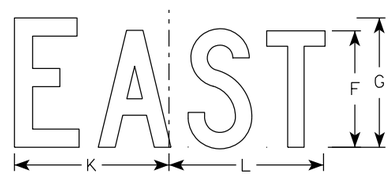
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 398	E



M3-1
MM3-1
MP3-1

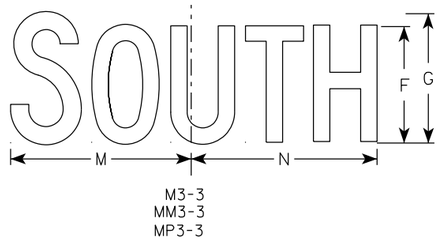


MB3-1
MK3-1
MN3-1

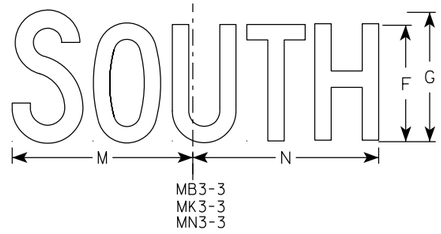


M3-2
MM3-2
MP3-2

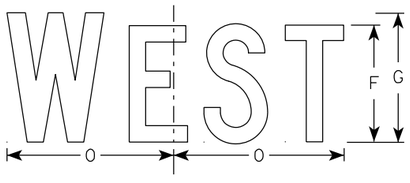
MB3-2
MK3-2
MN3-2



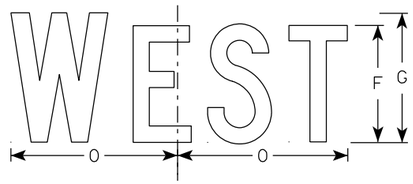
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
2M	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
3	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
4	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
5	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5

STANDARD SIGNS
M3-1 THRU M3-4
SERIES

WISCONSIN DEPT OF TRANSPORTATION

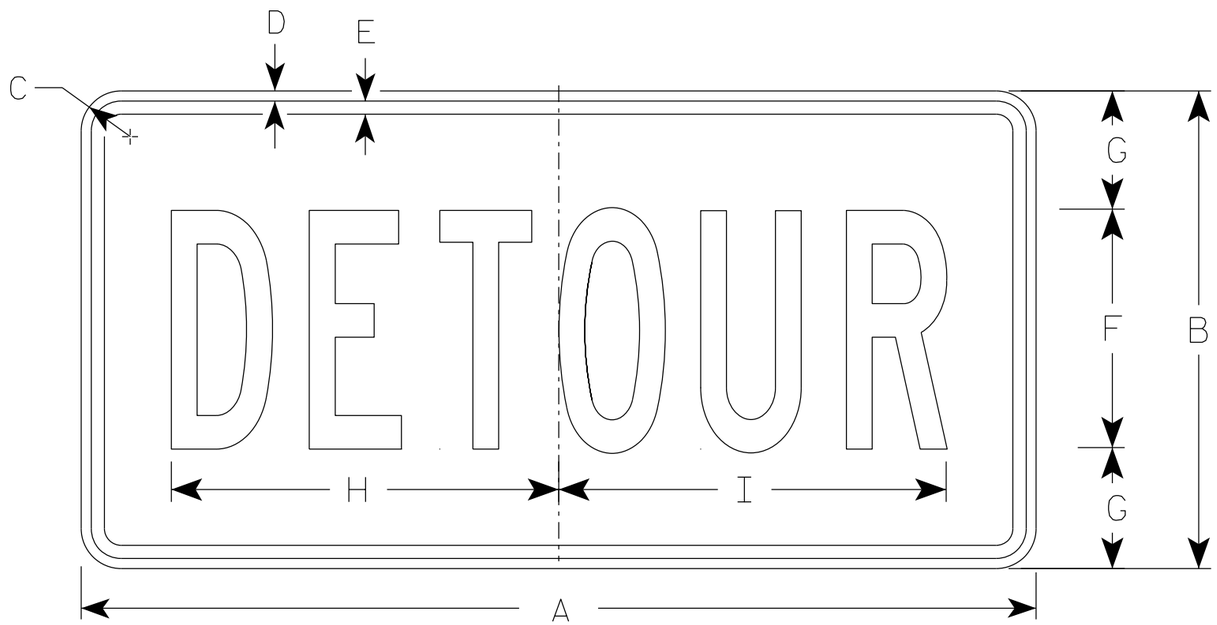
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/8/2023 PLATE NO. M3-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 399 | E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



M4-8

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
2M	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
5	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5

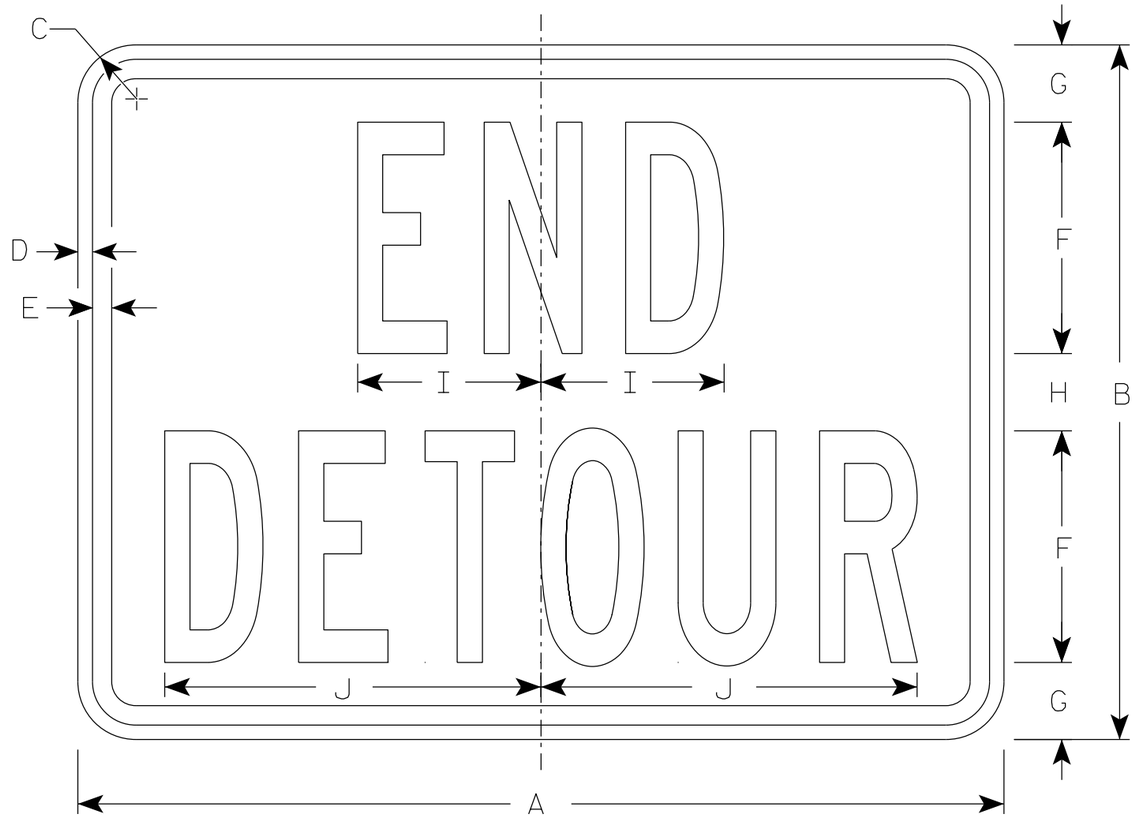
STANDARD SIGN
M4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 400	E



M4-8A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
2M	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
3	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
4	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
5	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0

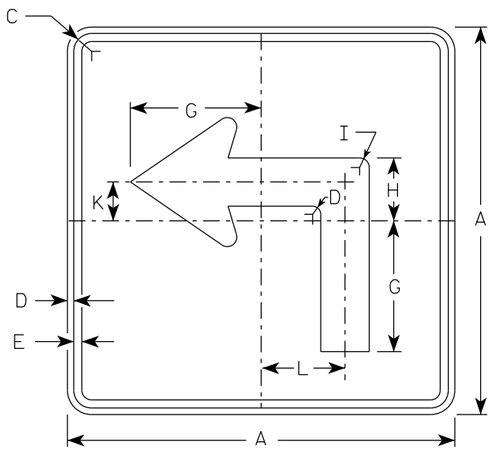
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

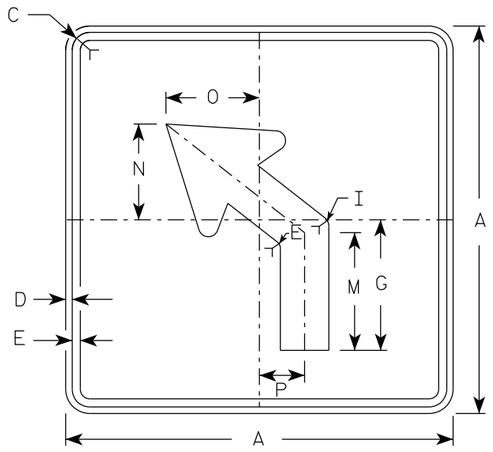
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8A.4

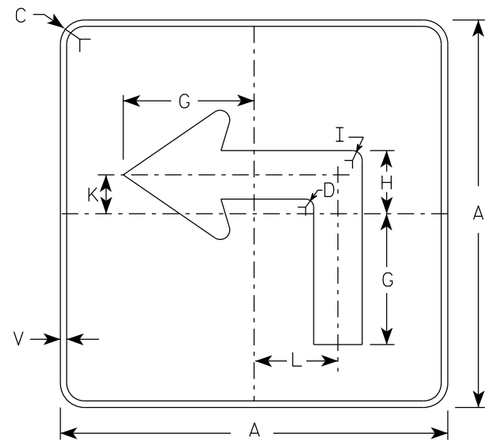
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 401 | E



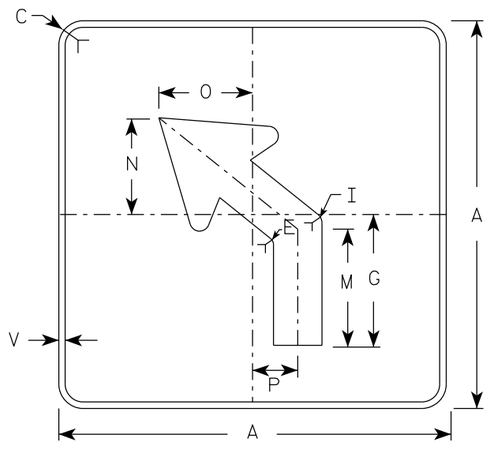
M5-1L
MM5-1L
MO5-1L
MP5-1L



M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L

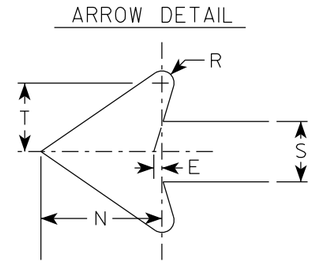


MB5-2L
MK5-2L
MN5-2L
MR5-2L

NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
2M	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
3	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
4	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
5	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25

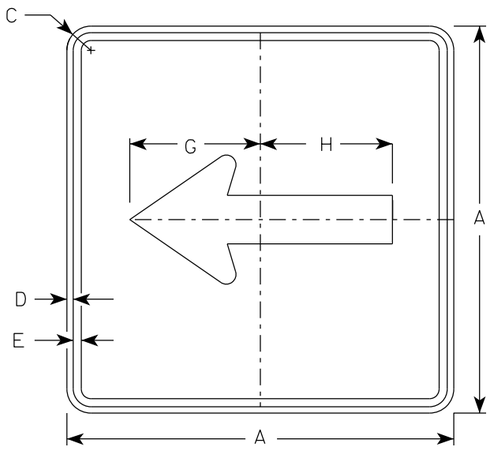
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

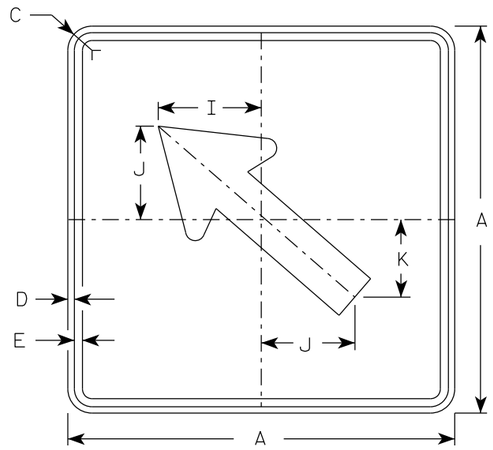
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M5-1.15

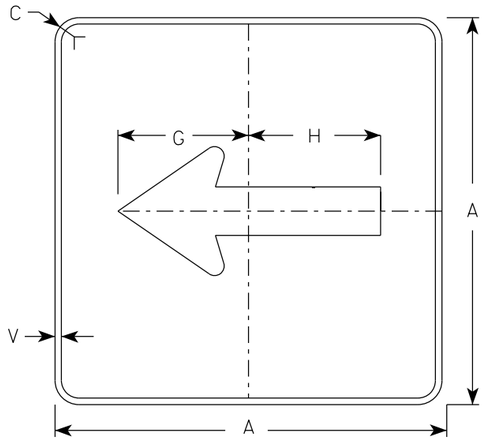
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 402 | E



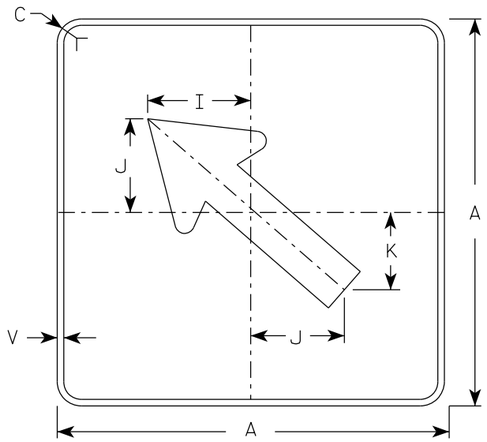
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

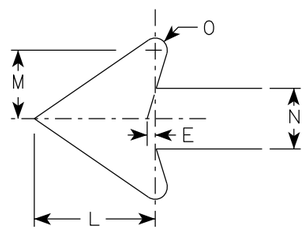


MB6-2
MK6-2
MN6-2
MR6-2

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
2M	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
3	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
4	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
5	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25

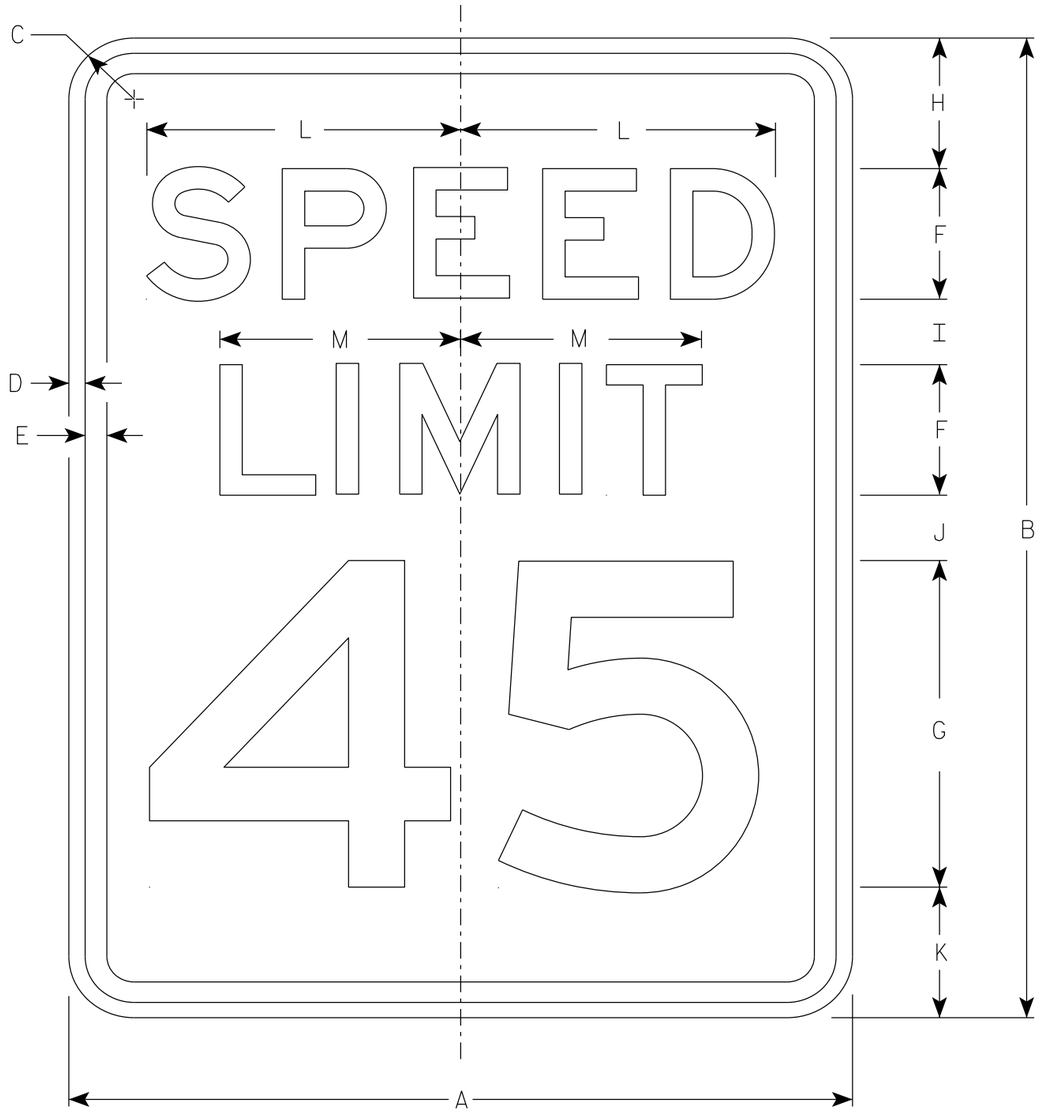
STANDARD SIGN
M6-1 & M6-2
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 403 | E



R2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/2	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/2	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 7/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	3	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

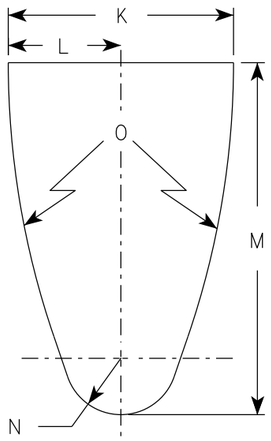
DATE 2/1/23 PLATE NO. R2-1.14

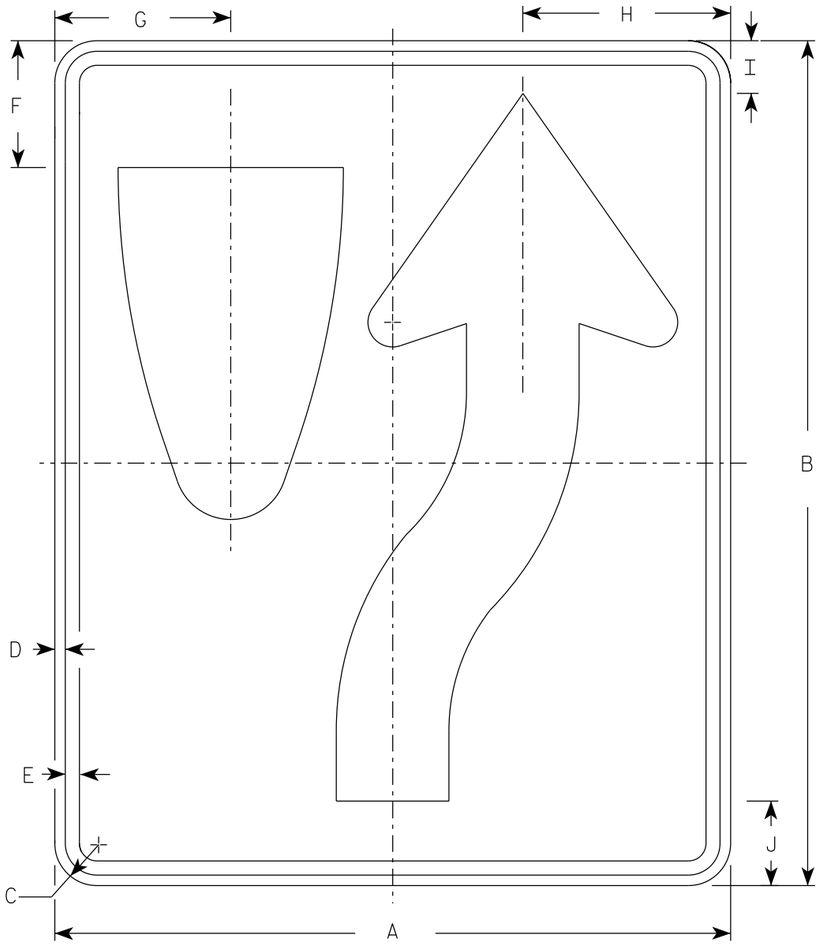
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 404 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. R4-8 is the same as R4-7 except Legend is reversed.

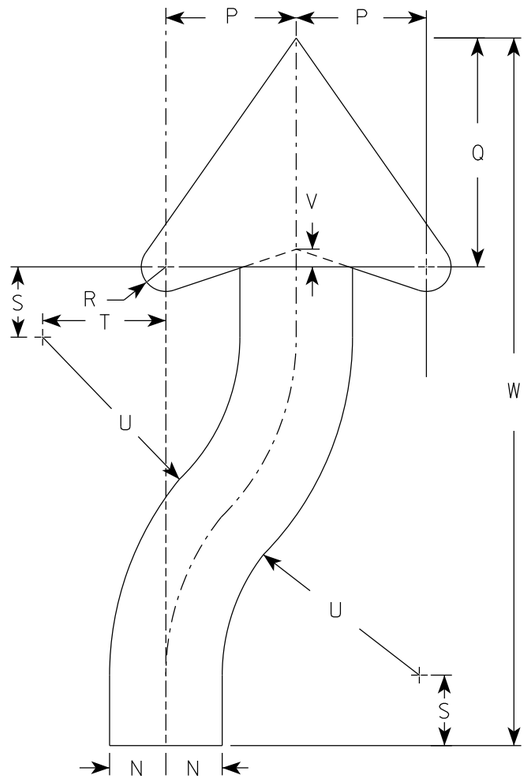
DIVIDER DETAIL





R4-7

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/2	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/2	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/2	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 7/8	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 7/8	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	3	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

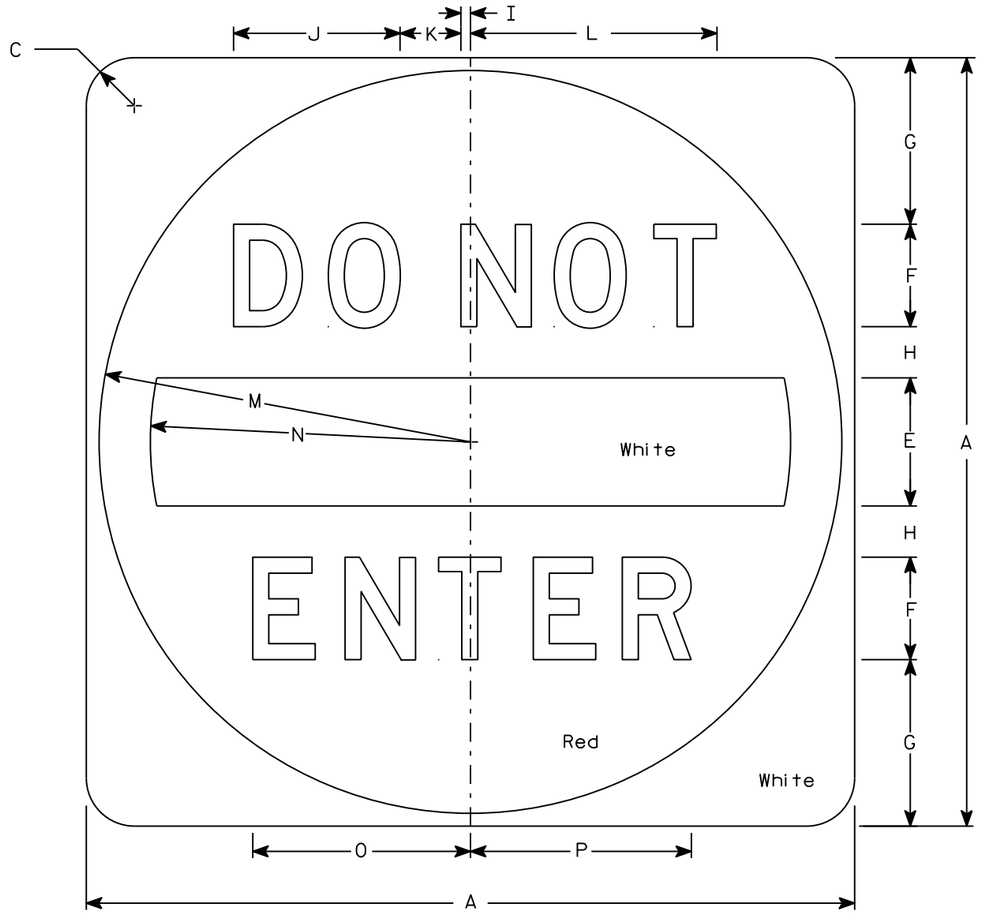
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 8/17/23 PLATE NO. R4-7.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 405	E



R5-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See detail
   Message - White
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30		1 7/8		5	4	6 1/2	2	3/8	6 1/2	2 3/8	9 5/8	14 1/2	12 1/2	8 1/2	8 5/8											6.25
2M	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
3	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
4	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
5	48		3		8	6	11	3	5/8	9 3/4	3 5/8	14 1/2	23 1/2	20	12 3/4	12 7/8											16.0

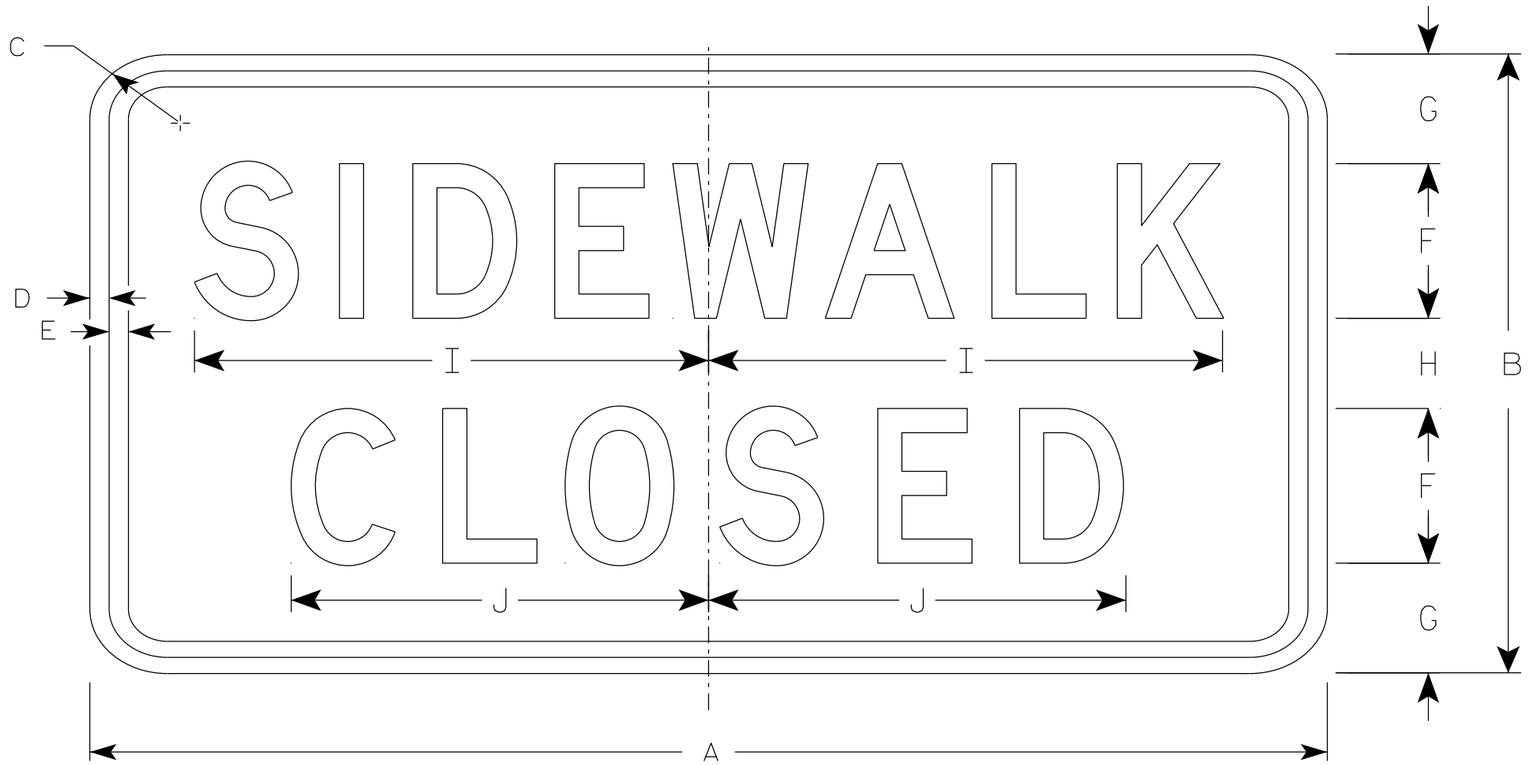
STANDARD SIGN
R5-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/15/18 PLATE NO. R5-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 406 | E



R9-9

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 ½	½	½	3	2 ⅛	1 ¾	10	8 ⅛																	2.0
2M	24	12	1 ½	½	½	3	2 ⅛	1 ¾	10	8 ⅛																	2.0
3	30	18	1 ½	½	½	4	3 ½	3	12 ½	10 ¼																	3.75
4																											
5																											

STANDARD SIGN
R9-9

WISCONSIN DEPT OF TRANSPORTATION

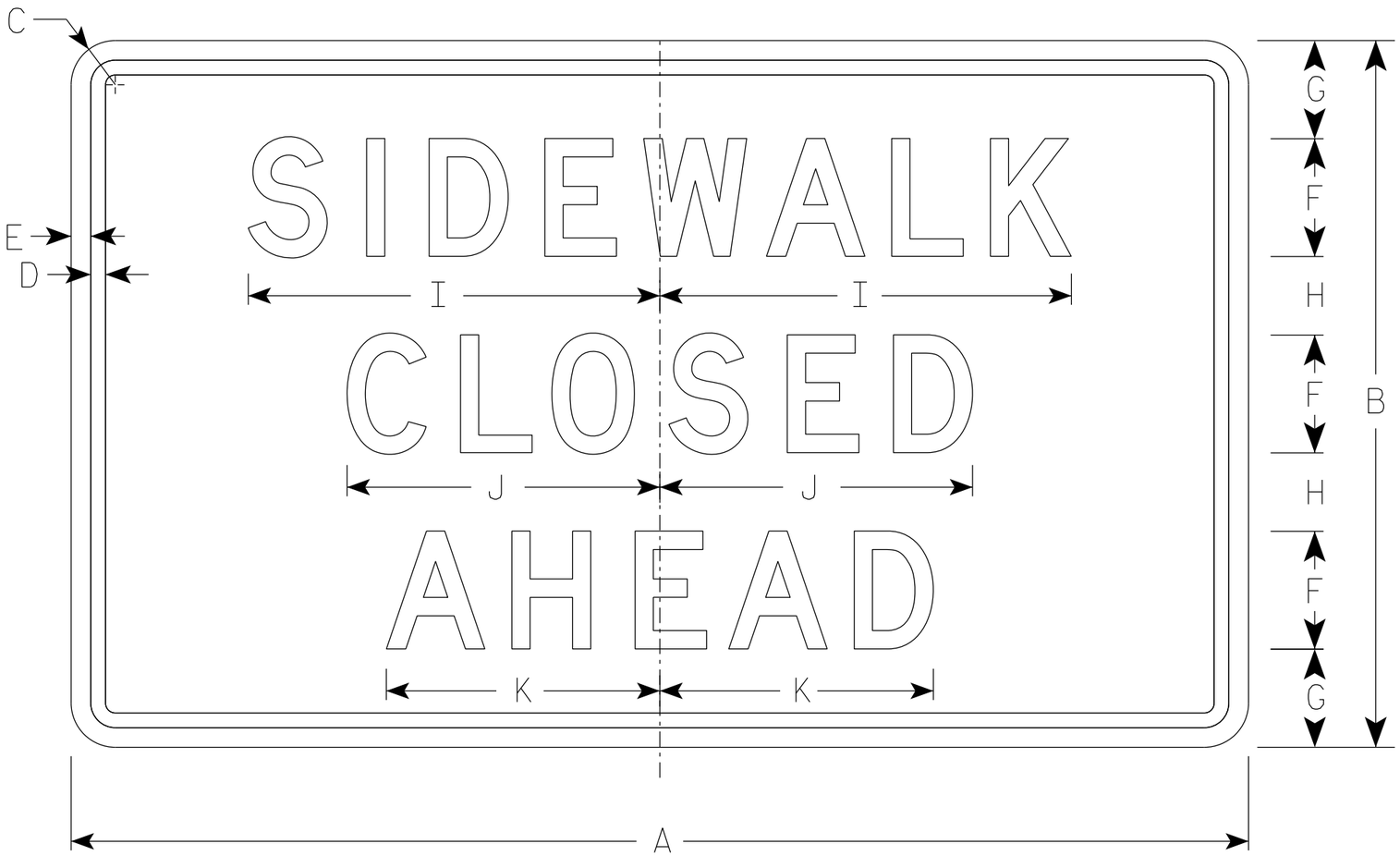
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 407 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R9-9A

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 ½	⅜	½	3	2 ½	2	10 ½	8	7																3.75
2M	30	18	1 ½	⅜	½	3	2 ½	2	10 ½	8	7																3.75
3																											
4																											
5																											

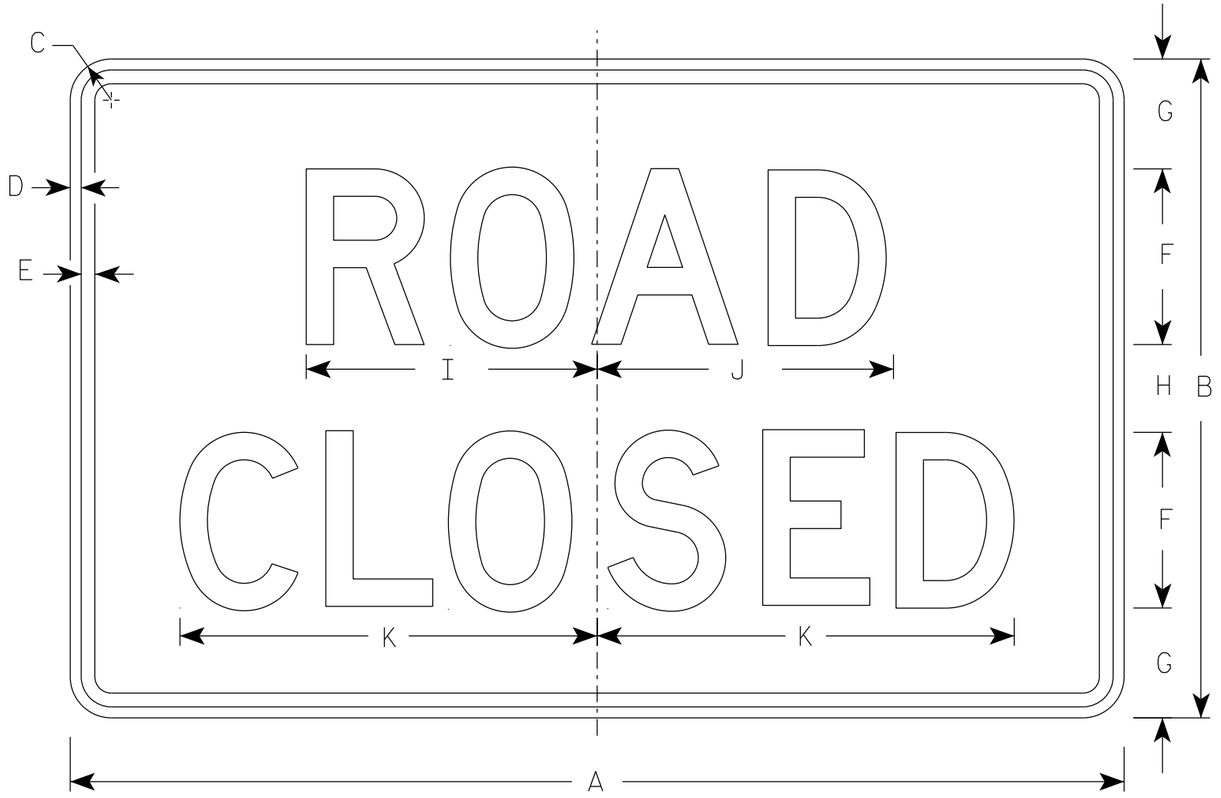
STANDARD SIGN
R9-9A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9A.2

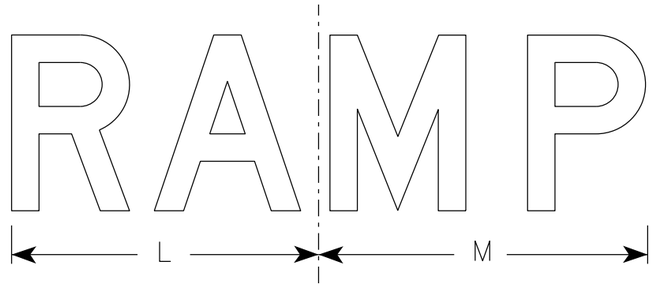
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 408 | E



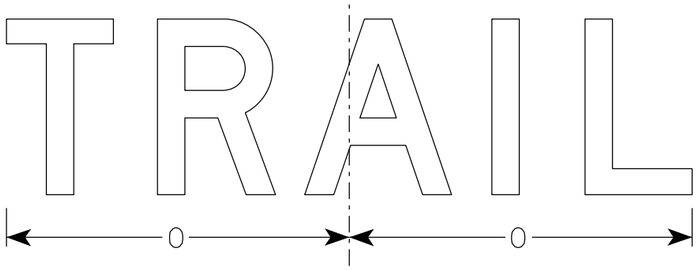
R11-2

NOTES

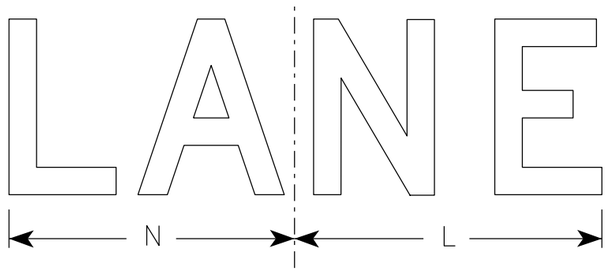
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



R11-2R



R11-2T



R11-2L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
2M	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
3	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
4	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
5	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0

STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

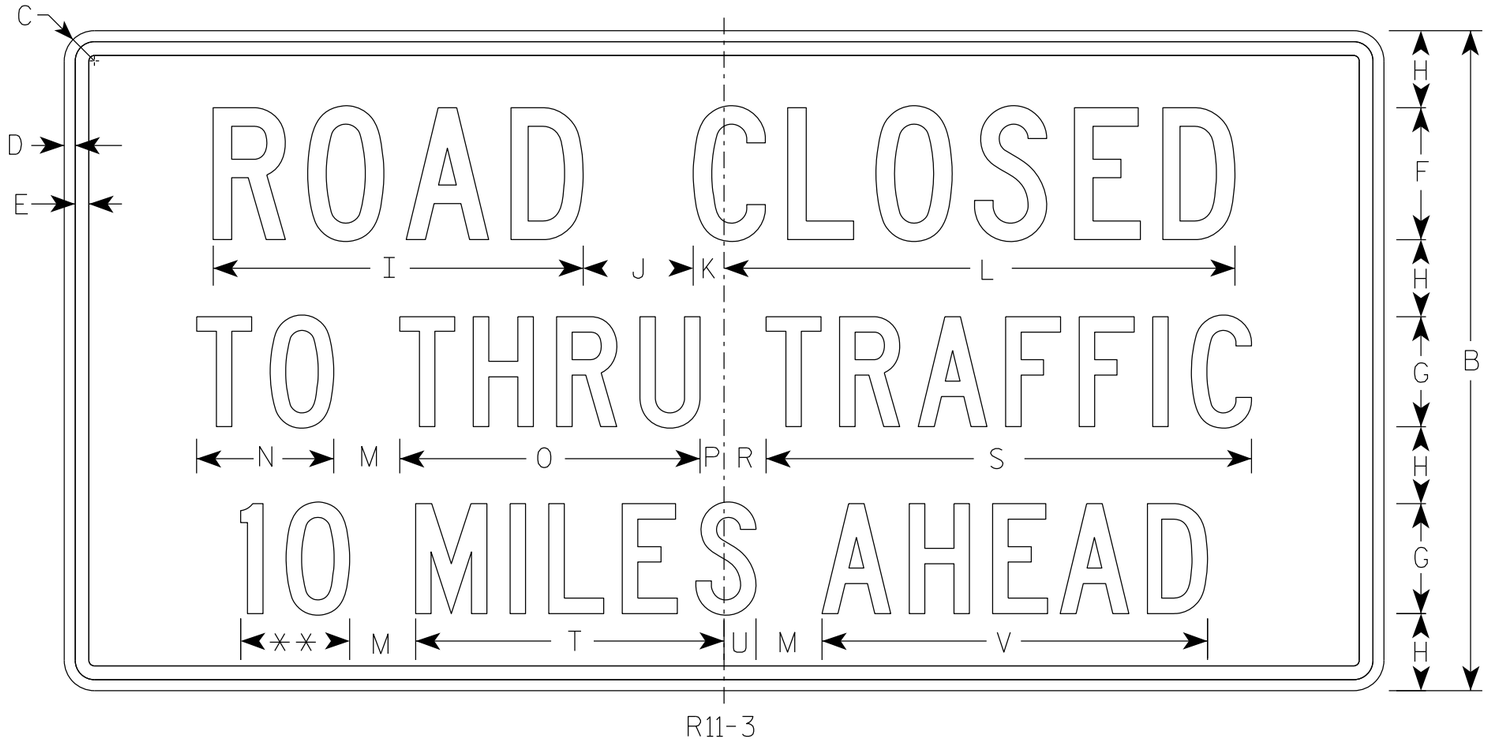
DATE 2/5/24 PLATE NO. R11-2.12

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

7

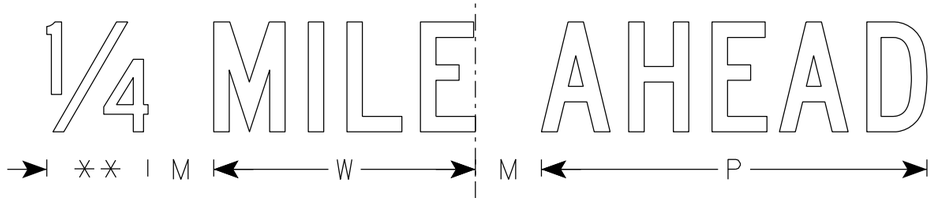
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** See Note 5



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	3/8	4	3	2	11 1/4	3	1 1/8	15 3/8	2	3 3/4	8 1/4	5/8		1 3/8	13 1/4	8 3/8	7/8	10 1/2	7 1/8				4.5
2S	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
2M	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
3																											
4																											
5																											

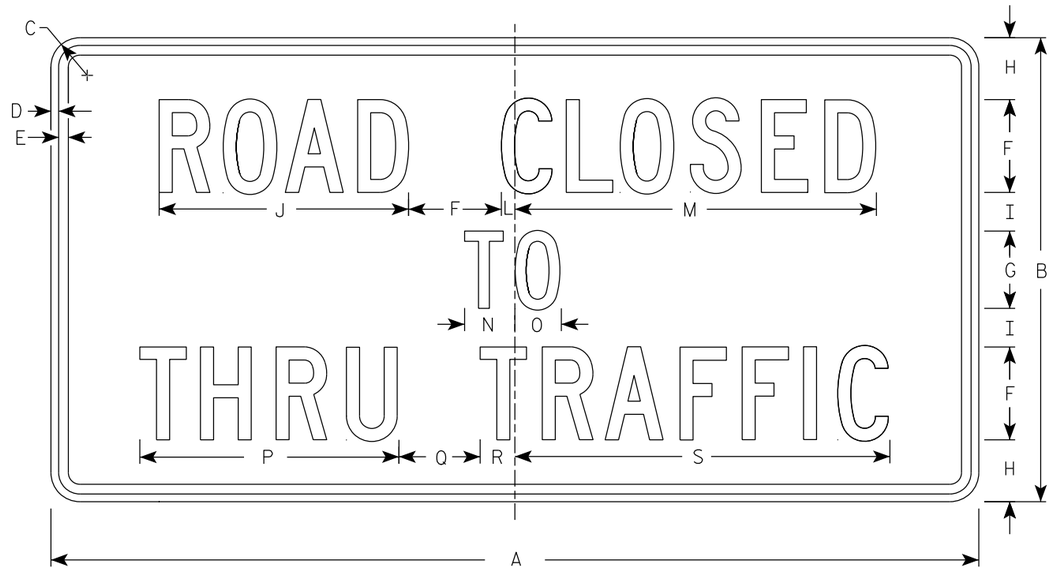
STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-3.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 410 | E



R11-4

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	60	30	1 7/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 7/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

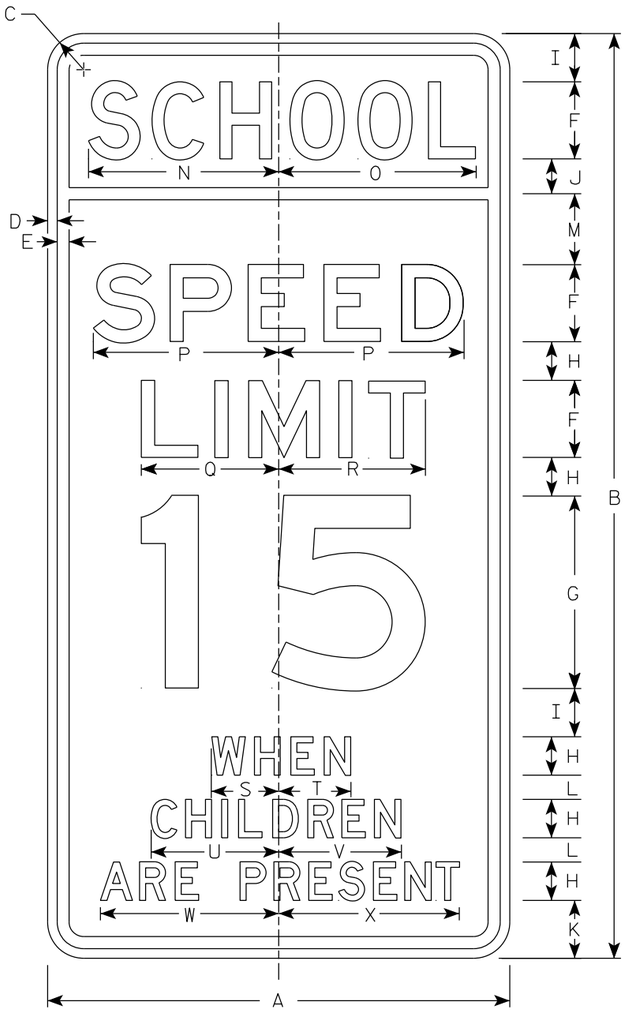
STANDARD SIGN
R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-4.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 411 | E



S4-51

NOTES

1. Sign is Type II - See Note 2 for Sheeting Type
2. Color:
   Background - See Note 4
   Message - Black
3. Message Series - See Note 5
4. Top panel (SCHOOL) background - Yellow Green - Type F Reflective
   Lower panel background - White - Type SH Reflective
5. From top to bottom:
   Lines 1, 5, 6 & 7 are series D
   Lines 2, 3 & 4 are series E
6. Line 4 substitute appropriate numerals and adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	48	1 7/8	1/2	5/8	4	10	2	2 1/2	1 3/4	3	1 1/4	3 3/4	9 7/8	10 1/4	9 5/8	7 1/8	7 5/8	3 1/2	3 3/8	6 5/8	6 3/8	9 1/4	9 3/8			8.00
2M	24	48	1 7/8	1/2	5/8	4	10	2	2 1/2	1 3/4	3	1 1/4	3 3/4	9 7/8	10 1/4	9 5/8	7 1/8	7 5/8	3 1/2	3 3/8	6 5/8	6 3/8	9 1/4	9 3/8			8.00
3	36	72	3	3/4	1	6	15	3	3 3/4	2 3/4	4 1/2	1 7/8	5 1/2	15	15 1/4	14 1/2	11 1/4	11 1/2	5 1/2	5 3/4	10	9 3/4	14	14 1/8			18.00
4																											
5																											

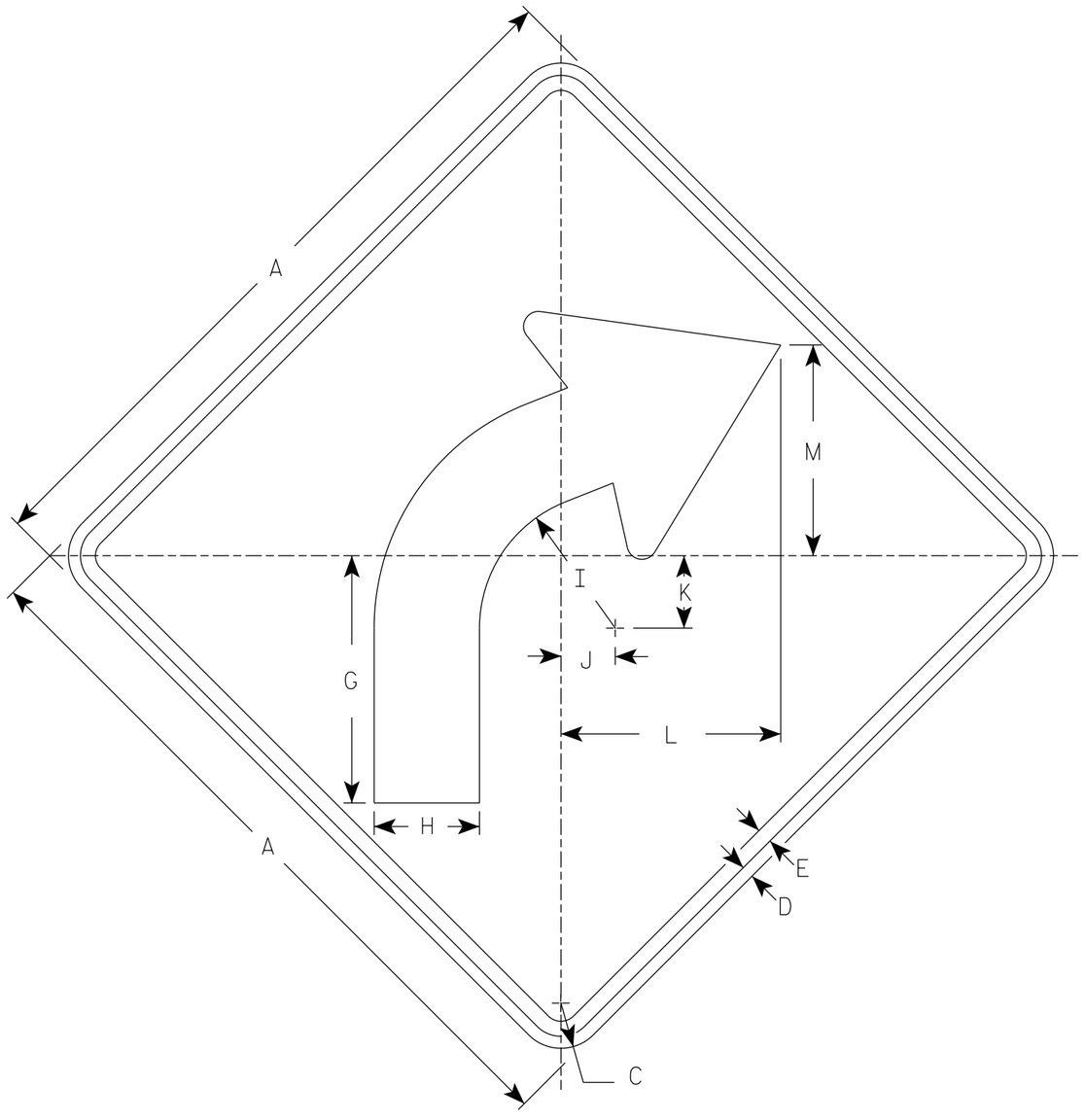
STANDARD SIGN
S4-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/22/2023 PLATE NO. S4-51.11

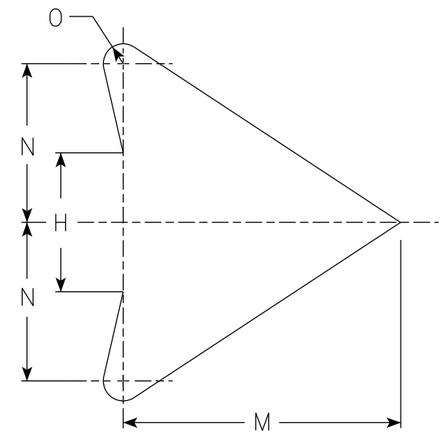
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 412 | E



W1-2R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2		8 1/4	3 1/2	4 1/2	1 3/4	2 3/8	7 1/4	7	4	1/2												4.0
2S	30		1 7/8	1/2	5/8		10 1/4	4 3/8	5 5/8	2 1/4	3	9 1/8	8 3/4	5	5/8												6.25
2M	36		2 1/4	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
3	36		2 1/4	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
4	36		2 1/4	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
5	48		3	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0

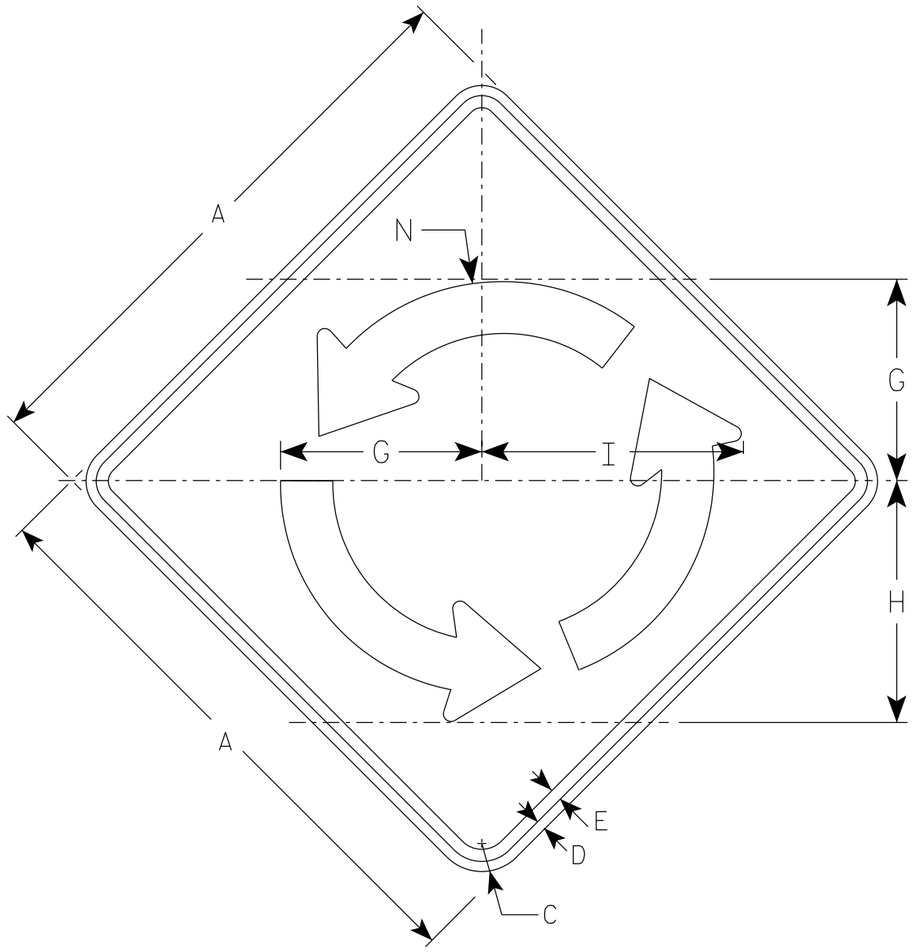
STANDARD SIGN
W1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/23/2023 PLATE NO. W1-2.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 413	E

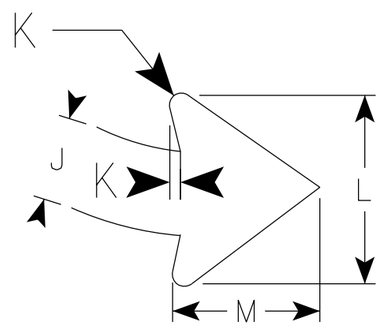


W2-6

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black

Arrow Detail



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Area sq. ft.
1																									
2S	30		1 7/8	1/2	5/8		10 3/8	12 1/2	13 1/2	2 3/4	3/8	6	4 3/4	11 1/8											6.25
2M	30		1 7/8	1/2	5/8		10 3/8	12 1/2	13 1/2	2 3/4	3/8	6	4 3/4	11 1/8											6.25
3	36		2 1/4	5/8	3/4		12 1/2	15	16 1/4	3 1/4	1/2	7 3/8	5 3/4	13 3/8											9.00
4	48		3	3/4	1		16 5/8	20	16 1/4	4 3/8	5/8	9 3/4	7 5/8	17 7/8											16.0
5																									

STANDARD SIGN
W2-6

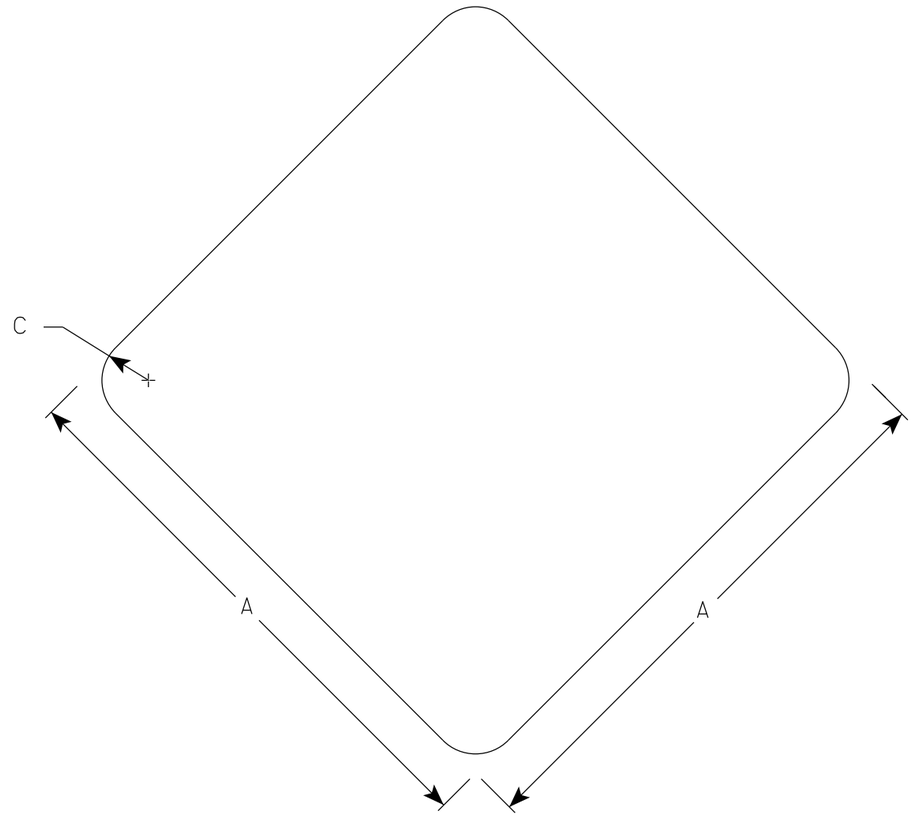
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/17/2023 PLATE NO. W2-6.8

PROJECT NO:

SHEET NO: 414 E



W5-54

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12		1 ½																								1.0
2S	18		1 ½																								2.25
2M	18		1 ½																								2.25
3																											
4																											
5																											

STANDARD SIGN
W5-54

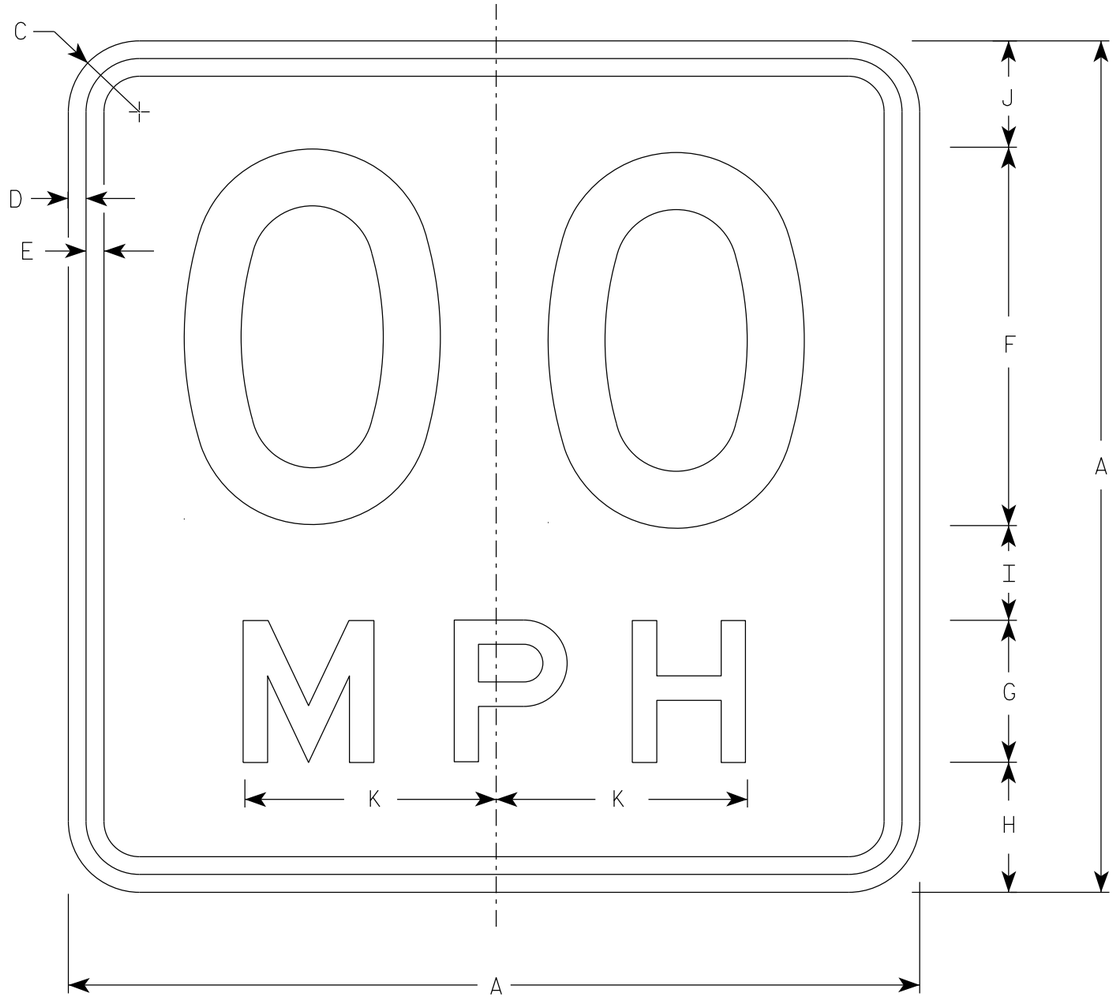
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/5/2024 PLATE NO. W5-54.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate_W554.dgn PLOT DATE : 5-MARCH 2024 11:55 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



W13-1

* For 30" x 30" Warning Signs, use 18" x 18" W13-1 signs.
For 36" x 36" Warning Signs, use 24" x 24" W13-1 signs.

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - See Note 5
4. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
5. Line 1 is Series D
   Line 2 is Series E

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
	1	18		1 1/2	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
*	2S	18		1 1/2	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
*	2M	18		1 1/2	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
	3	24		1 1/2	3/8	1/2	10	4	4	2 3/4	3 1/4	6 5/8																4.00
	4	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
	5	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00

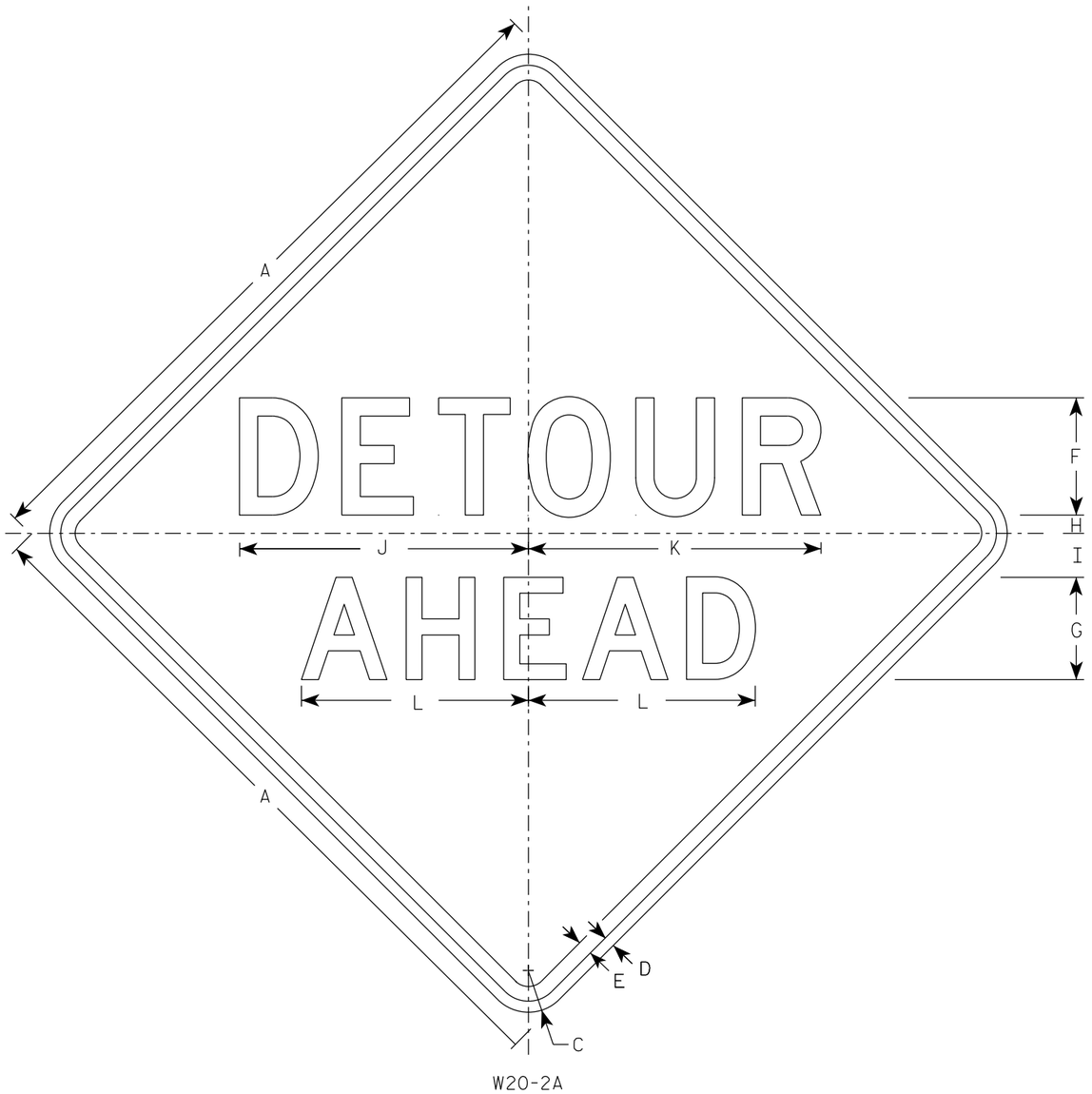
STANDARD SIGN
W13-1

WISCONSIN DEPT OF TRANSPORTATION

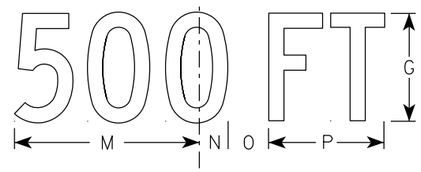
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/8/2024 PLATE NO. W13-1.17

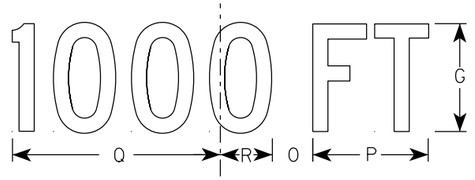
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



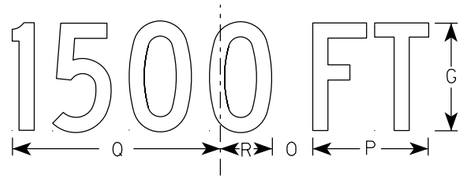
W20-2A



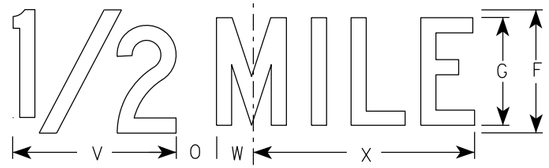
W20-2D



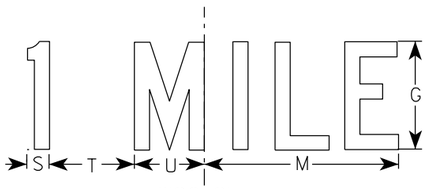
W20-2C



W20-2B



W20-2G



W20-2F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series D.
   Line 2 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
2S	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
2M	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
3	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
4	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
5	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0

STANDARD SIGN
W20-2A,B,C,D,F & G

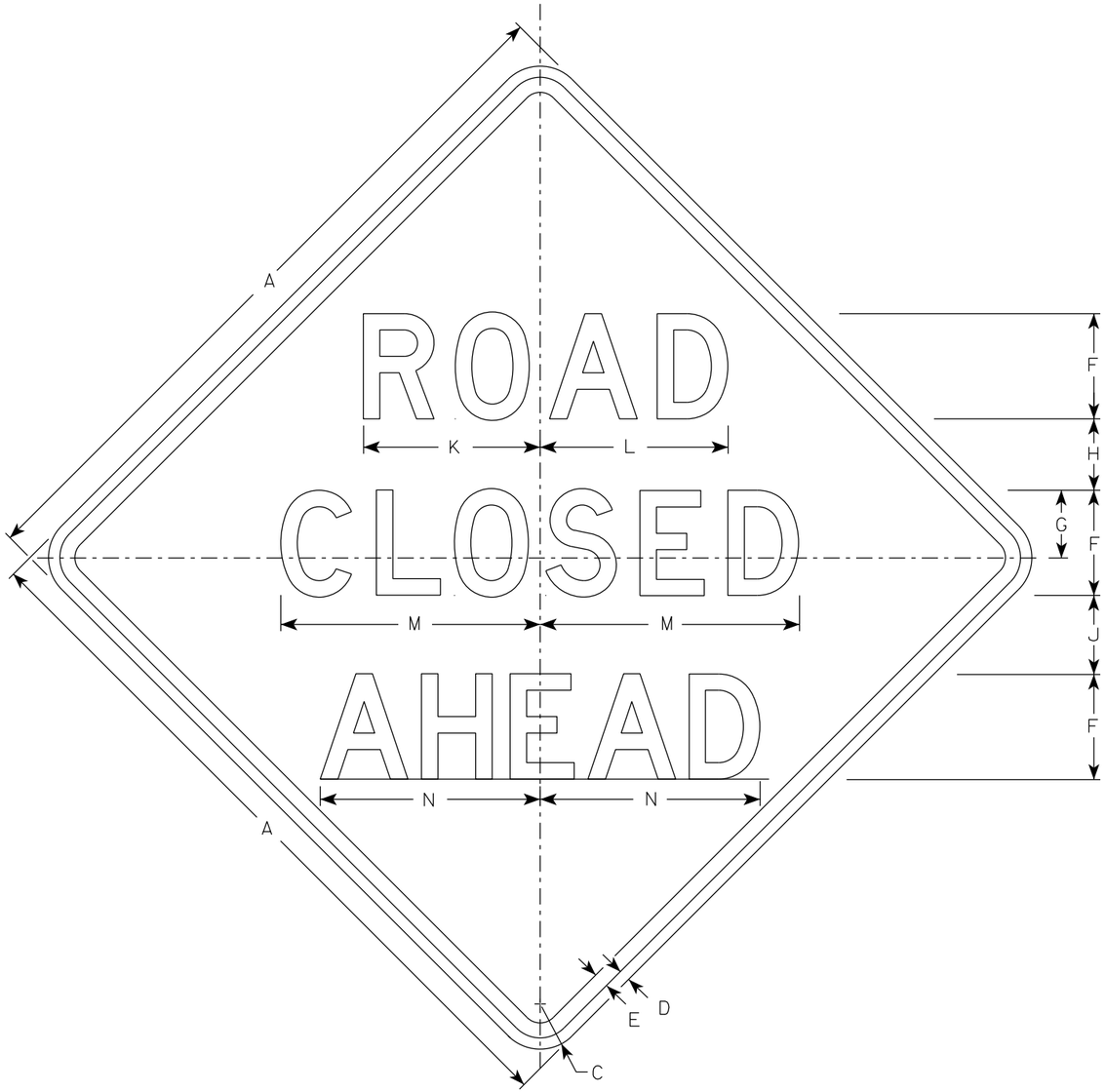
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

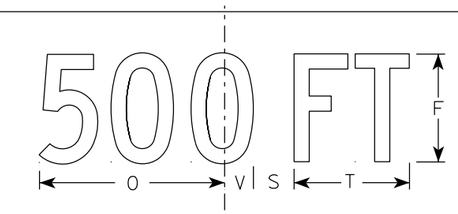
DATE 1/10/2024 PLATE NO. W20-2.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

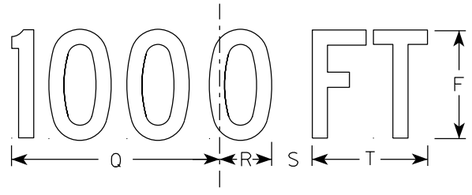
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W202.DGN PLOT DATE : 10-JAN 2024 11:36 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



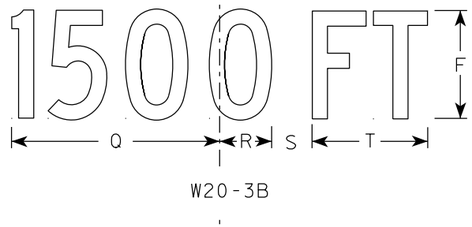
W20-3A



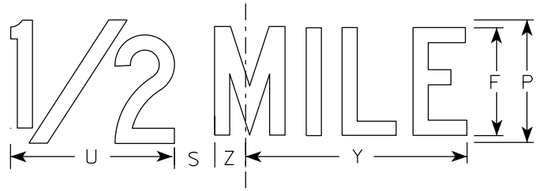
W20-3D



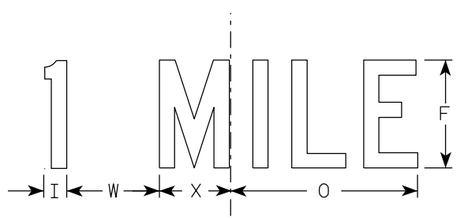
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-3.8

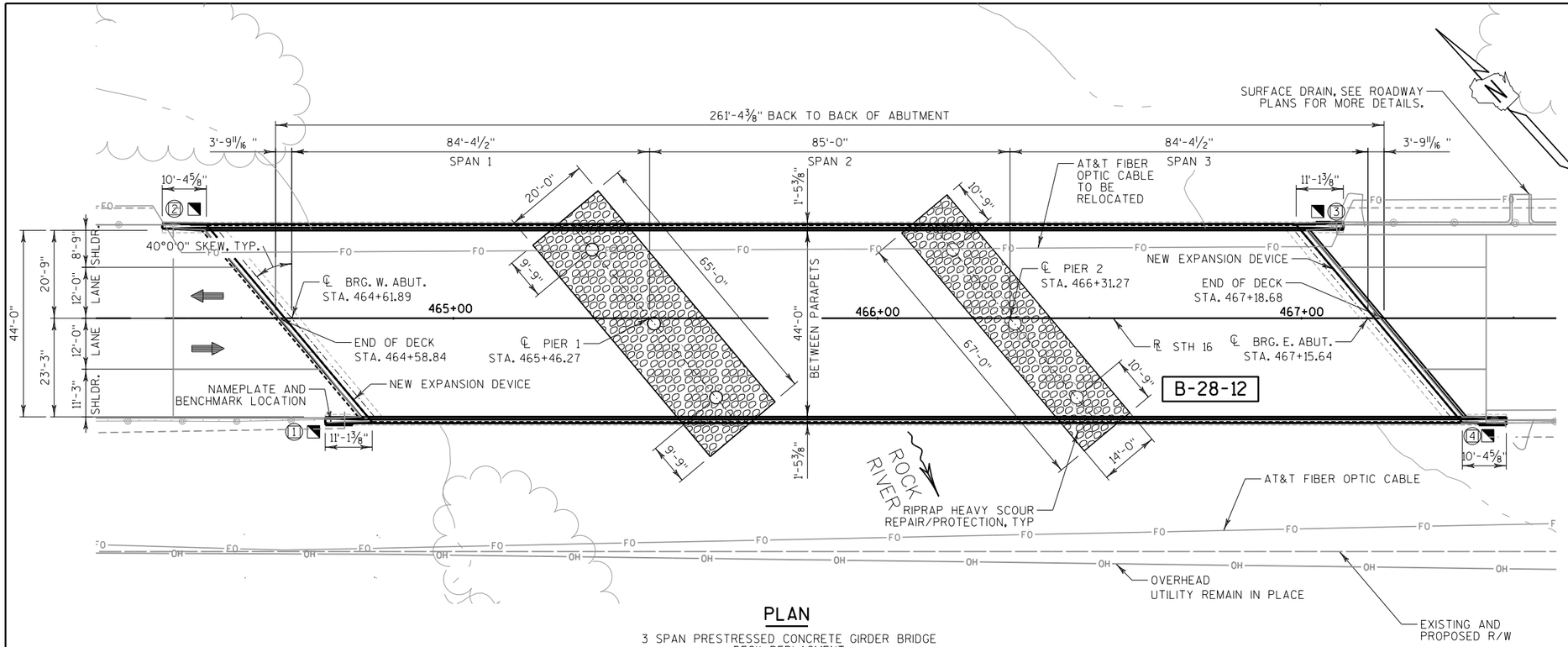
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W203.DGN PLOT DATE : 10-JAN 2024 12:02 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

7

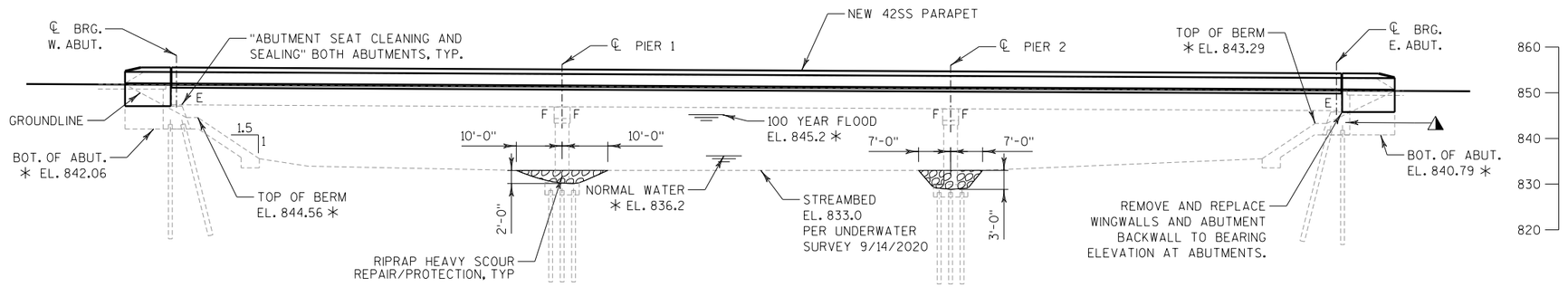
STATE PROJECT NUMBER

1370-00-73



PLAN

3 SPAN PRESTRESSED CONCRETE GIRDER BRIDGE
DECK REPLACMENT



ELEVATION

(LOOKING UPSTREAM)

BENCH MARK

NO.	NORTHING	EASTING	DESCRIPTION	ELEV.
514	608502.553	915286.589	NGS DF9604 BRASS CAP IN CONC	882.679
515	607458.619	917864.780	CP FENO SET	840.743

LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. TYPICAL SECTION AND QUANTITIES
3. WEST ABUTMENT
4. EAST ABUTMENT
5. WINGWALL 1 AND 3 DETAILS
6. WINGWALL 2 AND 4 DETAILS
7. SUPERSTRUCTURE PLAN & CROSS SECTION
8. SUPERSTRUCTURE DETAILS 1
9. SUPERSTRUCTURE DETAILS 2
10. STRIP SEAL COVER PLATE
11. EXPANSION JOINT DETAILS
12. SINGLE SLOPE PARAPET42SS

STRUCTURES DESIGN CONTACTS

BUREAU OF STRUCTURES: AARON BONK (608) 261-0261
CONSULTANT: TONY CASTLE (414) 945-5740

DESIGN DATA

LIVE LOAD:
DESIGN LOADING: HS-20
INVENTORY RATING: HS-21
OPERATING RATING: HS-46
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 220 KIPS

MATERIAL PROPERTIES
CONCRETE MASONRY
SUPERSTRUCTURE.....f'c = 4,000 psi
ALL OTHER.....f'c = 3,500 psi

STEEL REINFORCEMENT.....fy = 60,000 psi

TRAFFIC DATA:
STH 16:
ADT = 9300 (2024)
ADT = 9300 (2044)
RDS = 55 MPH

NOTES

∗ ELEVATIONS BASED ON EXISTING 1975 PLANS.
(X) DENOTES WINGWALL NUMBER
NEW THRIE BEAM ATTACHMENT
CONCRETE SURFACE REPAIR

WISCONSIN PROFESSIONAL ENGINEER
JOSHUA R. MITCHELL
E-46242-6
MILWAUKEE, WI

7/18/2024

NO.	DATE	REVISION	BY

emcs
Transforming Challenges into Solutions

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED SDR 08/05/24
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-28-12

STH 16 OVER ROCK RIVER

COUNTY	TOWN
JEFFERSON	IXONIA

DESIGN SPEC. REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
JRM	AJC	JRM	AJC

GENERAL PLAN AND ELEVATION

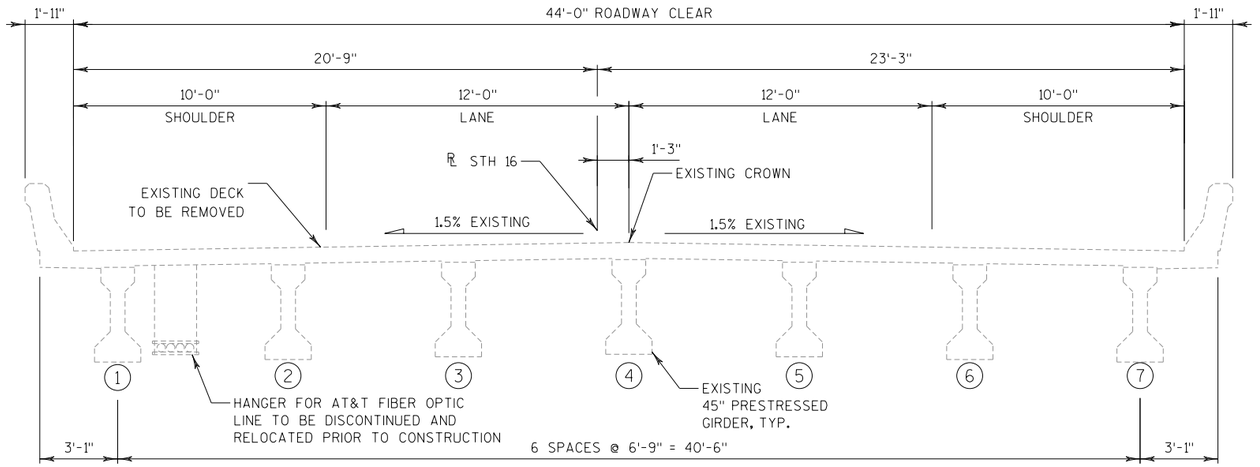
SHEET 1 OF 12
419

8

8

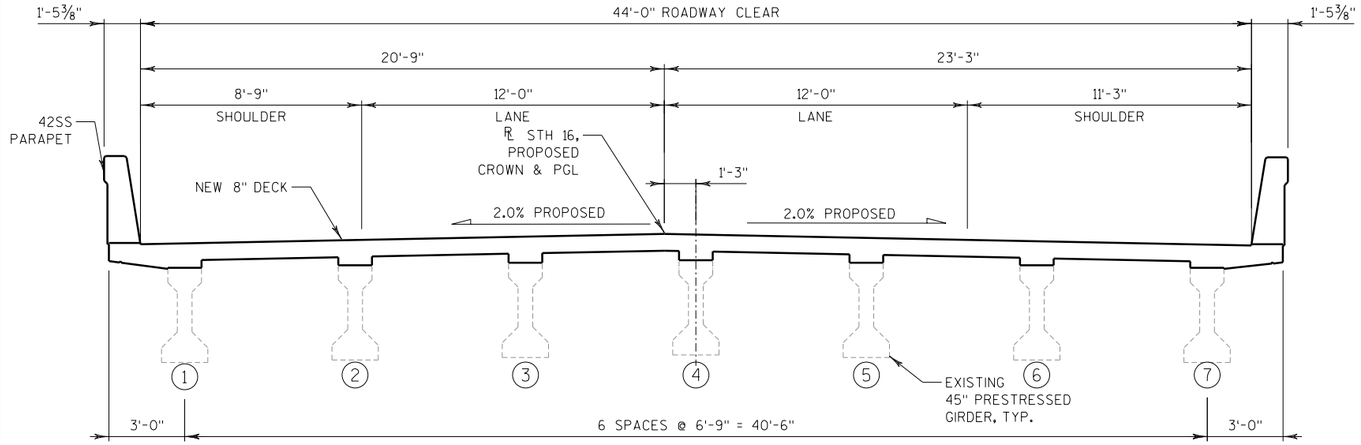
FILE NAME : Y:±52xx±5257.DP.20.STH16.JEF±09 STRUCTURES±B-28-12±Plan±080101_GPE_B-28-12.dgn

PLOT DATE : 7/15/2024 PLOT BY : krw



EXISTING TYPICAL SECTION

(LOOKING UPSTATION)



PROPOSED TYPICAL SECTION

(LOOKING UPSTATION)

TOTAL ESTIMATED QUANTITIES

BID ITEM NO.	BID ITEMS	UNIT	WEST ABUT.	PIER 1	PIER 2	EAST ABUT.	SUPER	TOTAL
203.0260	REMOVING STRUCTURE OVER WATERWAY MINIMAL DEBRIS (B-28-12)	EACH	-	-	-	-	-	1
206.1001	EXCAVATION FOR STRUCTURES BRIDGES (B-28-12)	EACH	-	-	-	-	-	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	60	-	-	60		120
502.0100	CONCRETE MASONRY BRIDGES	CY	28.4	-	-	28.6	438.9	496
502.3101	EXPANSION DEVICE	LF	-	-	-	-	115	115
502.3200	PROTECTIVE SURFACE TREATMENT	SY	-	-	-	-	1,288	1,288
502.3210	PIGMENTED SURFACE SEALER	SY	21	-	-	21	251	293
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	55	-	-	55	-	110
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	2,100	-	-	2,100	87,780	91,980
506.4000	STEEL DIAPHRAGMS B-28-12	EACH	-	-	-	-	36	36
509.1500	CONCRETE SURFACE REPAIR	SF	11	-	-	11	-	22
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	16	-	-	16	-	32
606.0300	RIPRAP HEAVY	CY	-	105	111	-	-	216
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	100	-	-	100	-	200
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	-	-	-	-	4	4
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	70	-	-	70	-	140
999.2000.S	INSTALLING AND MAINTAINING BIRD DETERRENT SYSTEM (466+00)	EACH	-	-	-	-	-	1
SPV.0180.01	ABUTMENT SEAT CLEANING AND SEALING	SY	-	-	-	-	-	34
	NON-BID ITEMS							
	FILLER	SIZE	-			-	-	1/2", 3/4", 1
	NAMEPLATE	EACH						

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

DIMENSIONS ARE BASED ON ORIGINAL STRUCTURE PLANS.

ALL STATIONS AND ALL ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NAVID 88 DATUM (2012 ADJUSTMENT).

PROTECTIVE SURFACE TREATMENT SHALL BE APPLIED TO THE ENTIRE TOP SURFACE OF THE NEW CONCRETE DECK, AND ALL SURFACES OF THE PAVING NOTCH.

APPLY PIGMITED SURFACE SEALER TO THE TOP AND INSIDE FACES OF PARAPETS.

⚠ CONCRETE SURFACE REPAIR QUANTITIES ARE AN ESTIMATE ONLY. ACTUAL QUANTITIES TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE FIELD ENGINEER.

BEVEL EXPOSED EDGES OF CONCRETE 3/4" UNLESS NOTED OTHERWISE.

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

ALL REINFORCEMENT BARS ARE ENGLISH DESIGNATION AND THE FIRST DIGIT OF 3-DIGIT BAR MARK OR FIRST TWO DIGITS OF A 4-DIGIT BAR MARK SIGNIFY THE BAR SIZE.

UTILIZE EXISTING REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

VARIATIONS TO THE NEW GRADE LINE OVER ¼" MUST BE SUBMITTED TO BY THE FIELD ENGINEER TO THE STRUCTURES DESIGN SECTION FOR REVIEW.

THE CONTRACTOR SHALL SUPPLY A NEW NAMEPLATE IN ACCORDANCE TO SECTION 502.3.11 OF THE STANDARD SPECIFICATION AND THE STANDARD DETAILS DRAWINGS. NAMEPLATE TO SHOWN ORIGINAL CONSTRUCTION YEAR OF 1975.

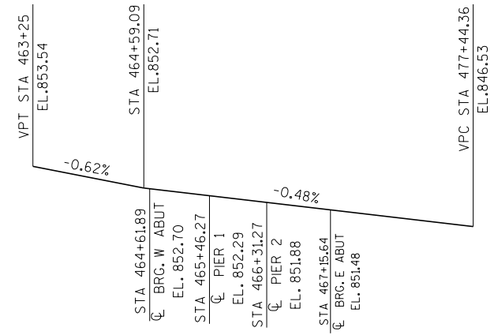
CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE EXISTING GIRDER, INCLUDING SHEAR STIRRUPS. SAW CUTTING OF THE EXISTING SHEAR STIRRUPS IS NOT ALLOWED. STIRRUPS DAMAGED DURING THE REMOVAL OF THE EXISTING DECK WILL BE THE CONTRACTORS RESPONSIBILITY AND REPLACED AT NO ADDITIONAL COST TO THE OWNER.

ALL REMOVAL LINES SHALL BE DEFINED BY A 1" DEEP SAW CUT AT THE CONCRETE SURFACES.

(X) DENOTES GIRDER NUMBER.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES BRIDGES B-28-12" SHALL BE THE EXISTING GROUNDLINE.

THE HAUNCH CONCRETE QUANTITY IS BASED ON AVERAGE HAUNCH SHOWN ON THE "SUPERSTRUCTURE DETAILS 2" SHEET.



PROFILE GRADE LINE STH 16

STATE PROJECT NUMBER

1370-00-73

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-28-12

DRAWN BY JRM | PLANS CK'D. AJC

TYPICAL SECTION AND QUANTITIES

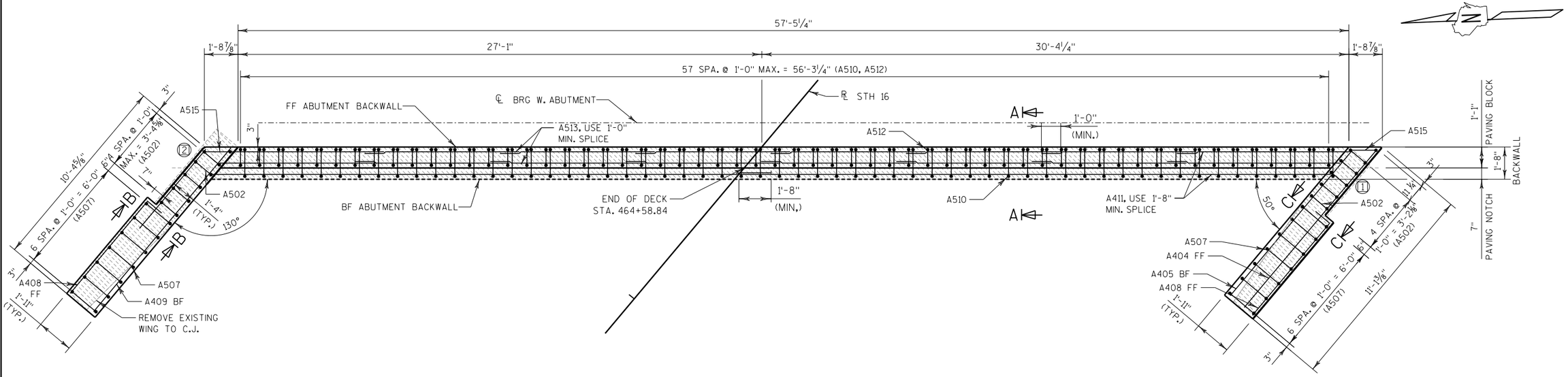
SHEET 2 OF 12

420

8

8

STATE PROJECT NUMBER
1370-00-73



NOTES

FOR SECTION C-C SEE WINGWALLS 1& 3 DETAILS SHEET

FOR SECTION B-B SEE WINGWALLS 2 & 4 DETAILS SHEET

■ PRESERVE, PROTECT, AND REUSE EXISTING VERTICAL REINFORCEMENT BARS. LEAVE 2'-0" EXTENDED INTO NEW CONCRETE BACKWALL. IF EXISTING REINFORCEMENT IS DAMAGED BY CONTRACTOR THE CONTRACTOR MUST PROVIDE REINFORCEMENT DESIGN TO CONNECT EXISTING STRUCTURE TO THE NEW STRUCTURE FOR APPROVAL BY THE ENGINEER. DAMAGED EXISTING REINFORCEMENT WILL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.

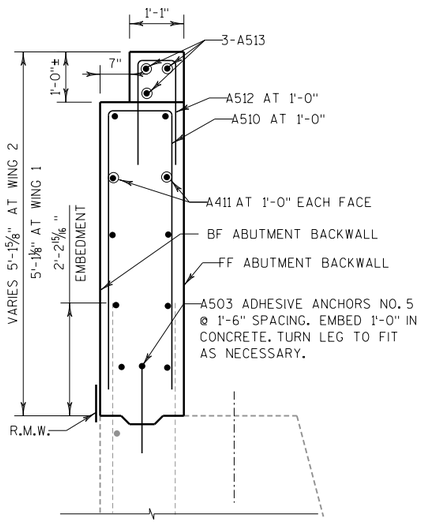
ⓧ DENOTES WINGWALL NUMBER

PLAN

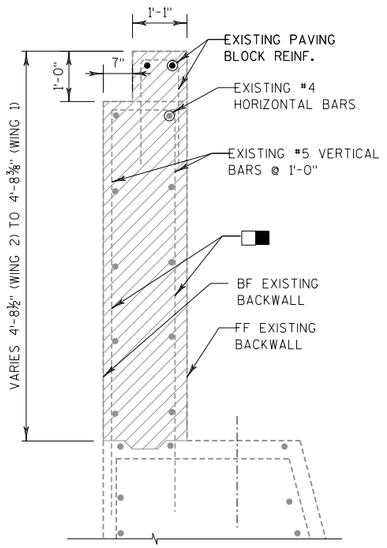
PARAPET AND DECK REINFORCEMENT
NOT SHOWN FOR CLARITY

BILL OF BARS

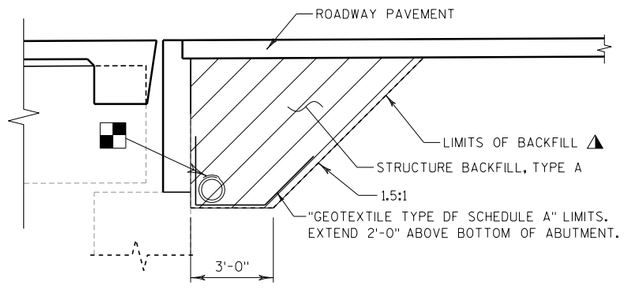
BAR MARK	COAT	NO.	LENGTH	BENT	LOCATION
A601	X	2	9'-8"		WING 1 UPPER HORIZ
A502	X	10	10'-3"	X	WING UPPER VERT
A503	X	55	3'-3"	X	ADHESIVE ANCHORS
A404	X	5	6'-7"		WING 1 - HORIZ FF
A405	X	5	9'-10"		WING 1 - HORIZ BF
A606	X	2	11'-2"		WING 2 UPPER HORIZ
A507	X	14	10'-10"	X	WING - UPPER VERT
A408	X	5	6'-9"		WING 2 - HORIZ FF
A409	X	5	11'-0"		WING 2 - HORIZ BF
A510	X	58	8'-7"	X	ABUT. VERT
A411	X	20	30'-2"		ABUT BACKWALL - HORZ
A512	X	58	4'-6"	X	ABUT. BODY VERT.
A513	X	24	8'-2"		ABUT BACKWALL PAVING NOTCH - HORZ
A414	X	10	6'-11"	X	WING BODY STIRRUP
A515	X	2	10'-7"	X	WING UPPER VERT



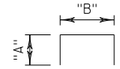
SECTION A
NEW BACKWALL



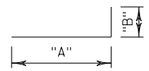
SECTION A
BACKWALL REMOVAL



TYPICAL SECTION THRU NORTH ABUTMENT



	A	B
A502	4'-9"	1'-0"
A507	4'-9"	1'-7"
A510	3'-9"	1'-4"
A512	2'-0"	9"
A515	4'-9"	1'-4"



	A	B
A414	6'-2"	10"
A503	2'-6"	10"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS.

THE EXISTING GROUNDLINE SHALL BE THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES B-28-12".

AT THE BACKFACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL TYPE A

◭ BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR

■ PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE "EAST ABUTMENT" SHEET FOR DETAILS.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-28-12

DRAWN BY KRW | PLANS CK'D. JRM

WEST ABUTMENT

SHEET 3 OF 12
421
KRW

8

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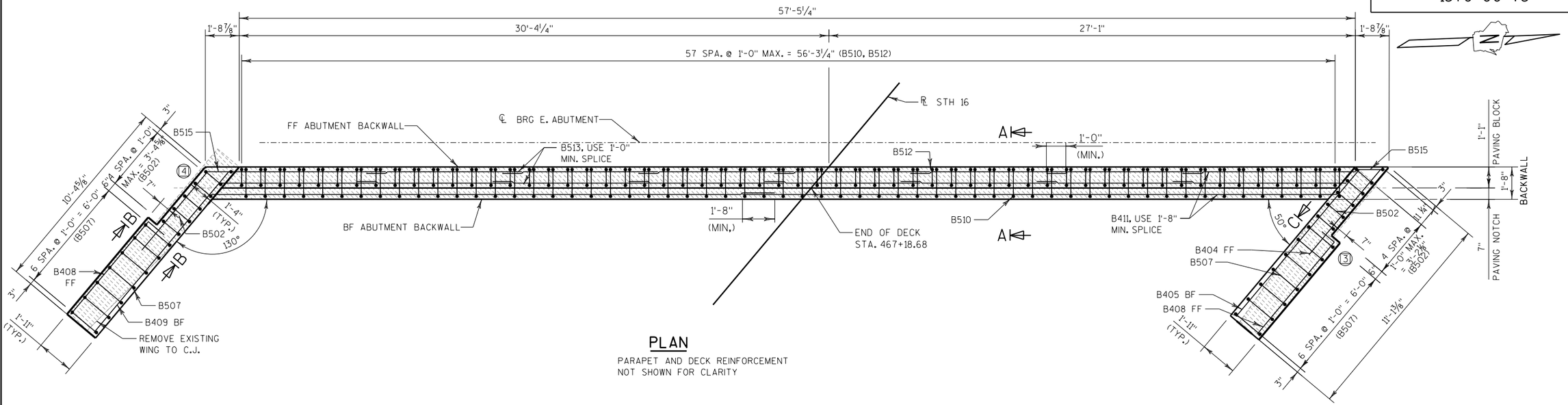
STATE PROJECT NUMBER
1370-00-73



PLAN

PARAPET AND DECK REINFORCEMENT
NOT SHOWN FOR CLARITY

BILL OF BARS

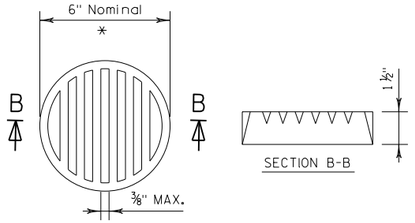
BAR MARK	COAT	NO.	LENGTH	BENT	LOCATION
B601	X	2	9'-8"		WING 1 UPPER HORIZ
B502	X	10	10'-3"	X	WING UPPER VERT
B503	X	55	3'-3"	X	ADHESIVE ANCHORS
B404	X	5	6'-7"		WING 1 - HORIZ FF
B405	X	5	9'-10"		WING 1 - HORIZ BF
B606	X	2	11'-2"		WING 2 UPPER HORIZ
B507	X	14	10'-10"	X	WING - UPPER VERT
B408	X	5	6'-9"		WING 2 - HORIZ FF
B409	X	5	11'-0"		WING 2 - HORIZ BF
B510	X	58	8'-7"	X	ABUT. VERT
B411	X	20	30'-2"		ABUT BACKWALL - HORZ
B512	X	58	4'-6"	X	ABUT. BODY VERT.
B513	X	24	8'-2"		ABUT BACKWALL PAVING NOTCH - HORZ
B414	X	10	6'-11"	X	WING BODY STIRRUP
B515	X	2	10'-7"	X	WING UPPER VERT

"A" "B"

	A	B
B502	4'-9"	1'-0"
B507	4'-9"	1'-7"
B510	3'-9"	1'-4"
B512	2'-0"	9"

"A" "B"

	A	B
B414	6'-2"	10"
B503	2'-6"	10"

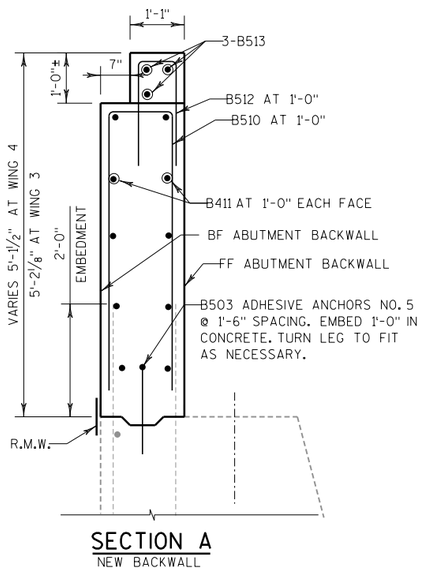


RODENT SHIELD DETAIL

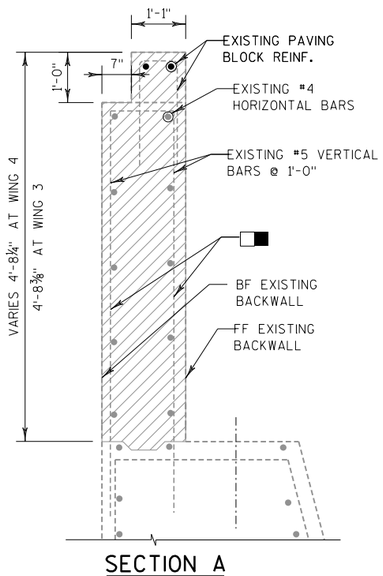
* DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH"

THE RODENT SHIELD SHALL BE PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS SHEET METAL SCREWS.



SECTION A
NEW BACKWALL



SECTION A
BACKWALL REMOVAL

NOTES

FOR SECTION C-C SEE WINGWALLS 1 & 3 DETAILS SHEET

FOR SECTION B-B SEE WINGWALLS 2 & 4 DETAILS SHEET

PRESERVE, PROTECT, AND REUSE EXISTING VERTICAL REINFORCEMENT BARS. LEAVE 2'-0" EXTENDED INTO NEW CONCRETE BACKWALL. IF EXISTING REINFORCEMENT IS DAMAGED BY CONTRACTOR THE CONTRACTOR MUST PROVIDE REINFORCEMENT DESIGN TO CONNECT EXISTING STRUCTURE TO THE NEW STRUCTURE FOR APPROVAL BY THE ENGINEER. DAMAGED EXISTING REINFORCEMENT WILL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.

(X) DENOTES WINGWALL NUMBER

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-28-12

DRAWN BY KRW | PLANS CK'D. JRM

EAST ABUTMENT

SHEET 4 OF 12
422

8

8

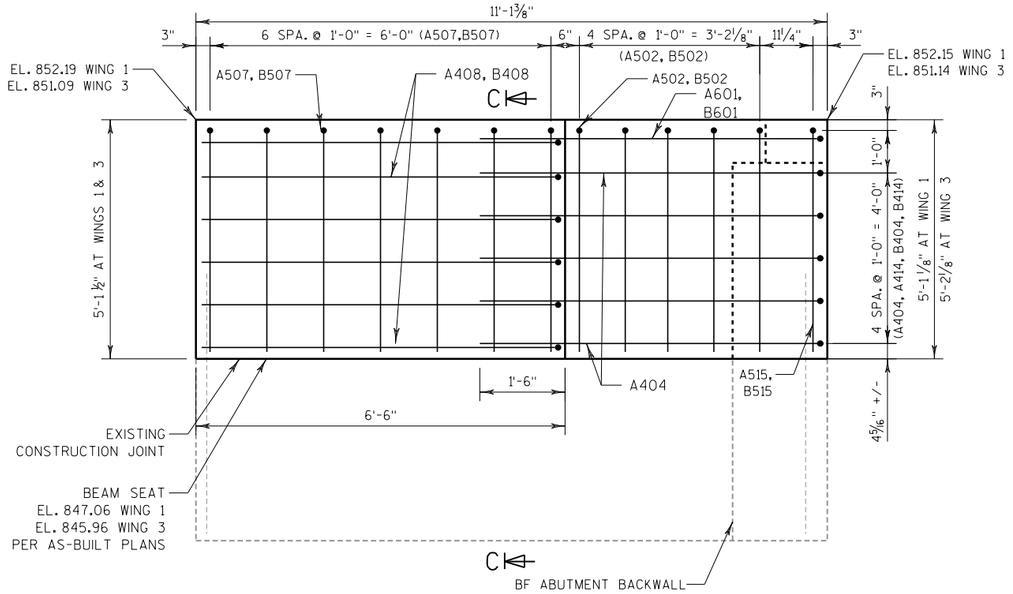
FILE NAME : Y:±52xx±5257.DP.20.STH16.JEF±09 STRUCTURES±B-28-12±Plan±080104_ EBD_B-28-12.dgn

PLOT DATE : 7/15/2024

PLOT BY : AJC

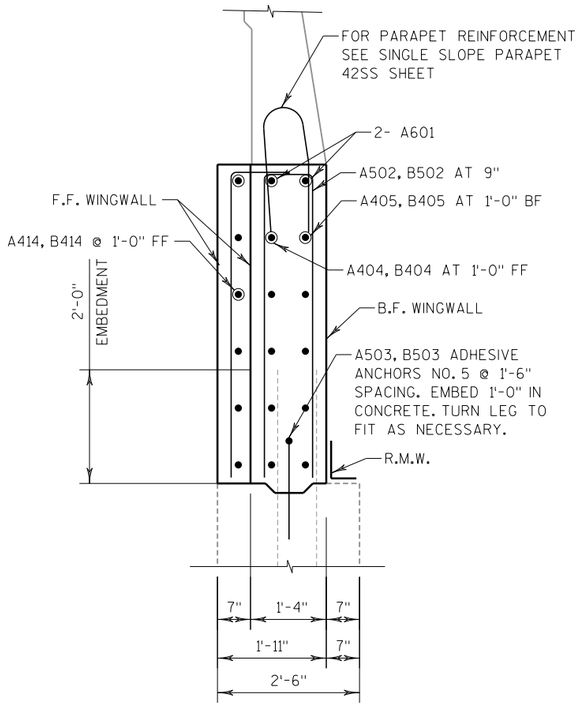
STATE PROJECT NUMBER

1370-00-73



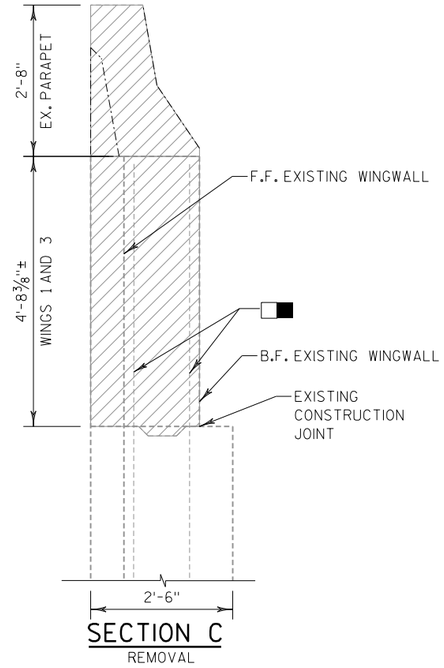
*ELEVATION WINGWALL 1

SHOWING REINFORCEMENT AT FF
WINGWALL 3 SIMILAR



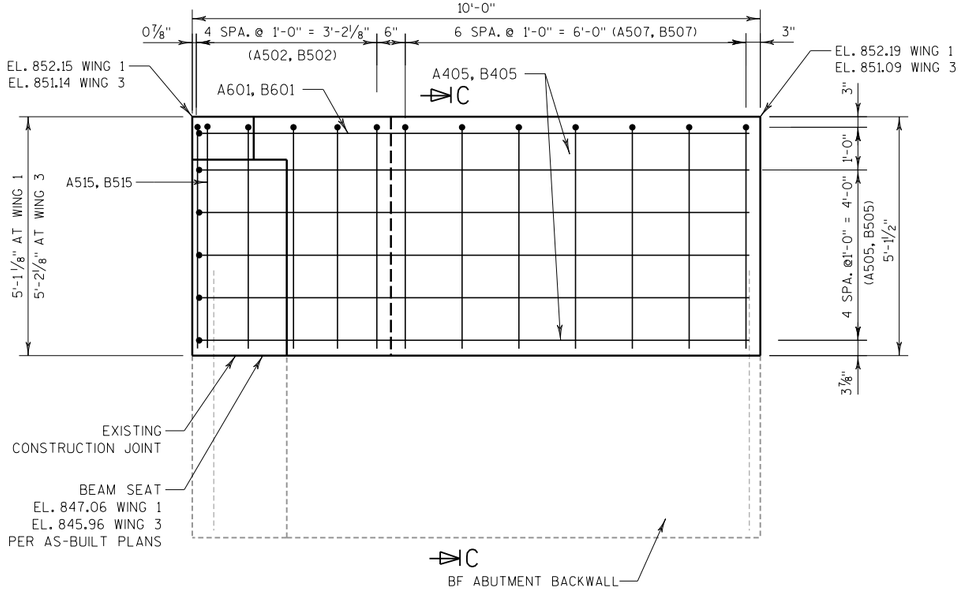
SECTION C

NEW REINFORCEMENT



SECTION C

REMOVAL



* ELEVATION WINGWALL 1

SHOWING REINFORCEMENT AT BF
WINGWALL 3 SIMILAR

NOTES

PRESERVE, PROTECT, AND REUSE EXISTING VERTICAL REINFORCEMENT BARS. LEAVE 2'-0" EXTENDED INTO NEW CONCRETE BACKWALL. IF EXISTING REINFORCEMENT IS DAMAGED BY CONTRACTOR THE CONTRACTOR MUST PROVIDE REINFORCEMENT DESIGN TO CONNECT EXISTING STRUCTURE TO THE NEW STRUCTURE FOR APPROVAL BY THE ENGINEER. DAMAGED EXISTING REINFORCEMENT WILL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.

* ALL ELEVATION DIMENSIONS ARE ALONG THE FACE OF WALL NOTED.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-28-12

DRAWN BY KRW | PLANS CK'D. JRM

WINGWALL 1 AND 3 DETAILS

SHEET 5 OF 12

423

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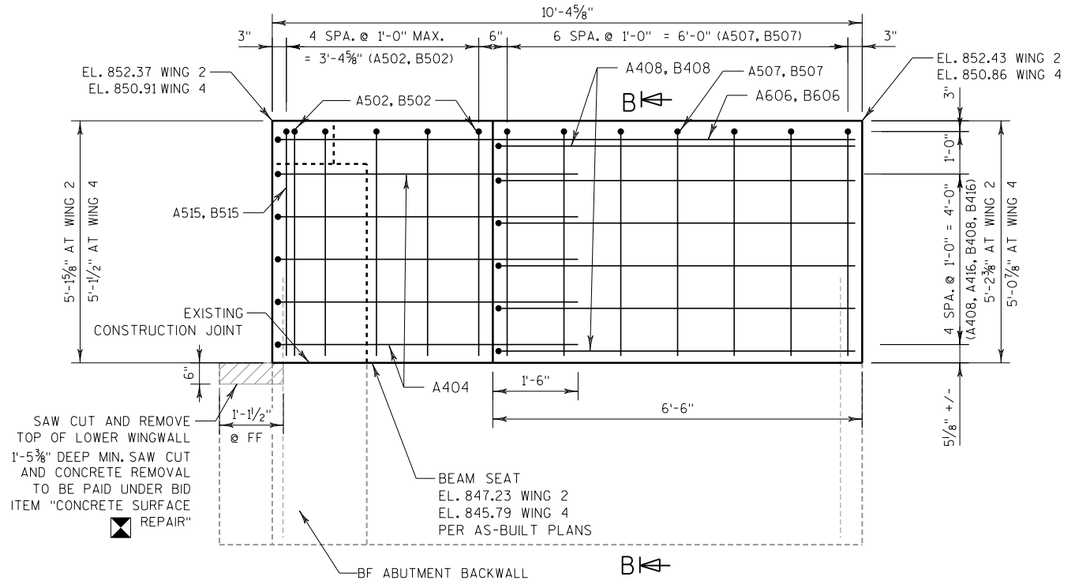
8

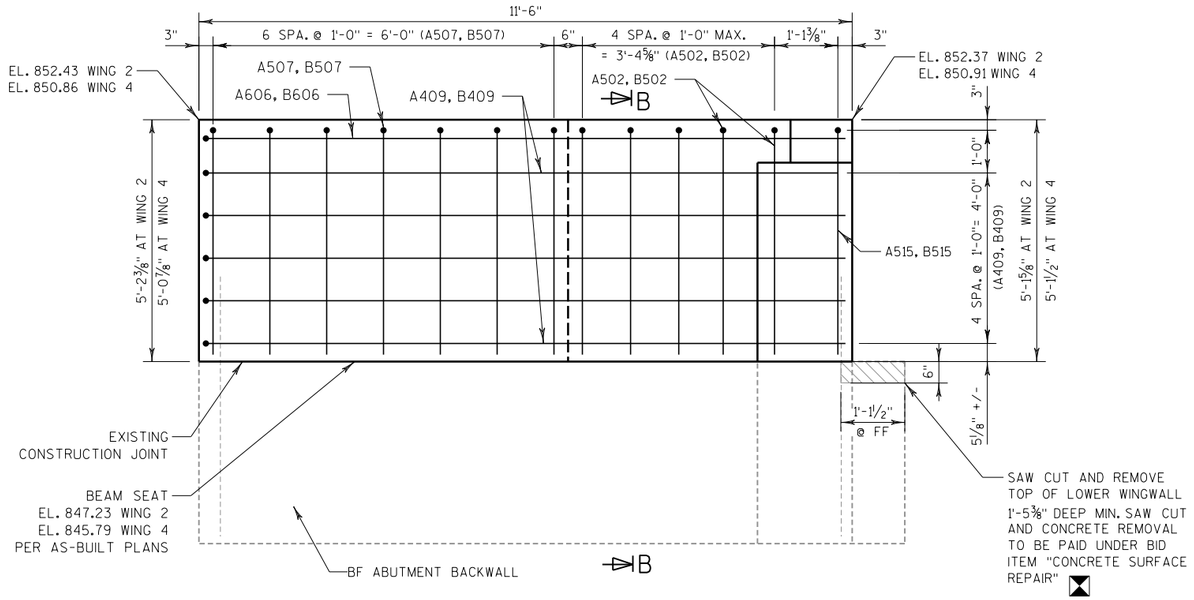
STATE PROJECT NUMBER

1370-00-73



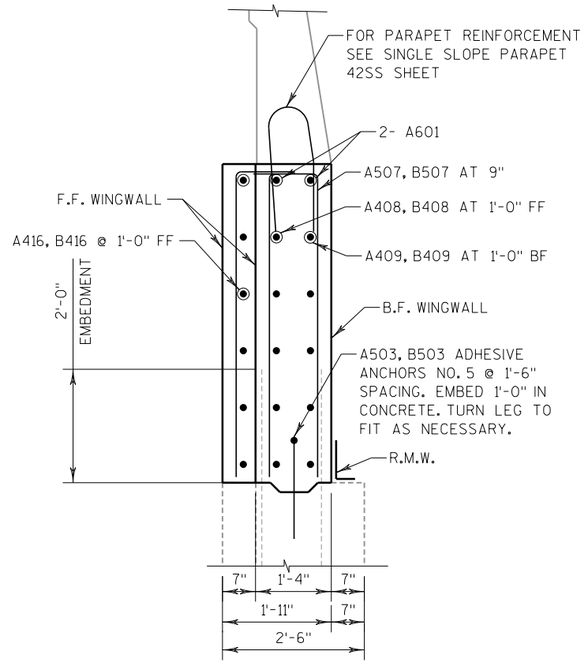
* ELEVATION WINGWALL 2

SHOWING REINFORCEMENT AT FF
WINGWALL 4 SIMILAR



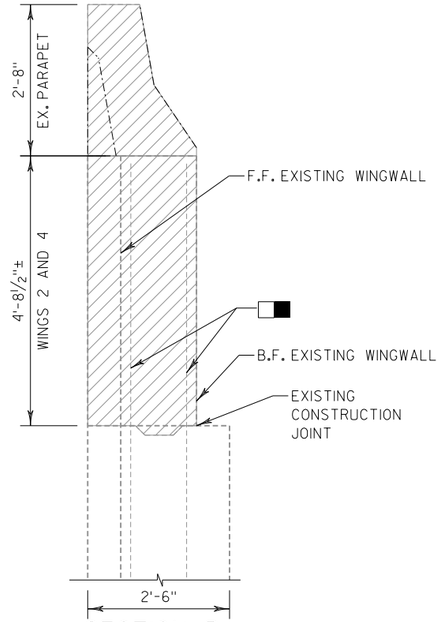
* ELEVATION WINGWALL 2

SHOWING REINFORCEMENT AT BF
WINGWALL 4 SIMILAR



SECTION B

NEW REINFORCEMENT



SECTION B

REMOVAL

NOTES

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CUT EXISTING VERTICAL BARS THAT DO NOT EXTEND INTO NEW CONCRETE 3 INCHES BELOW TOP OF LOWER WING PORTION. COAT EXPOSED BAR STEEL WITH EPOXY IN ACCORDANCE WITH SUBSECTION 505.2.4.2 OF THE STANDARD SPECIFICATIONS. WORK TO BE INCLUDED IN "CONCRETE SURFACE REPAIR" BID ITEM. NEW CONCRETE WORK TO BE INCLUDED IN "CONCRETE SURFACE REPAIR" BID ITEM.

* ALL ELEVATION DIMENSIONS ARE ALONG THE FACE OF WALL NOTED.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-28-12

DRAWN BY KRW | PLANS CK'D. JRM

WINGWALL 2 AND 4 DETAILS

SHEET 6 OF 12

424

8

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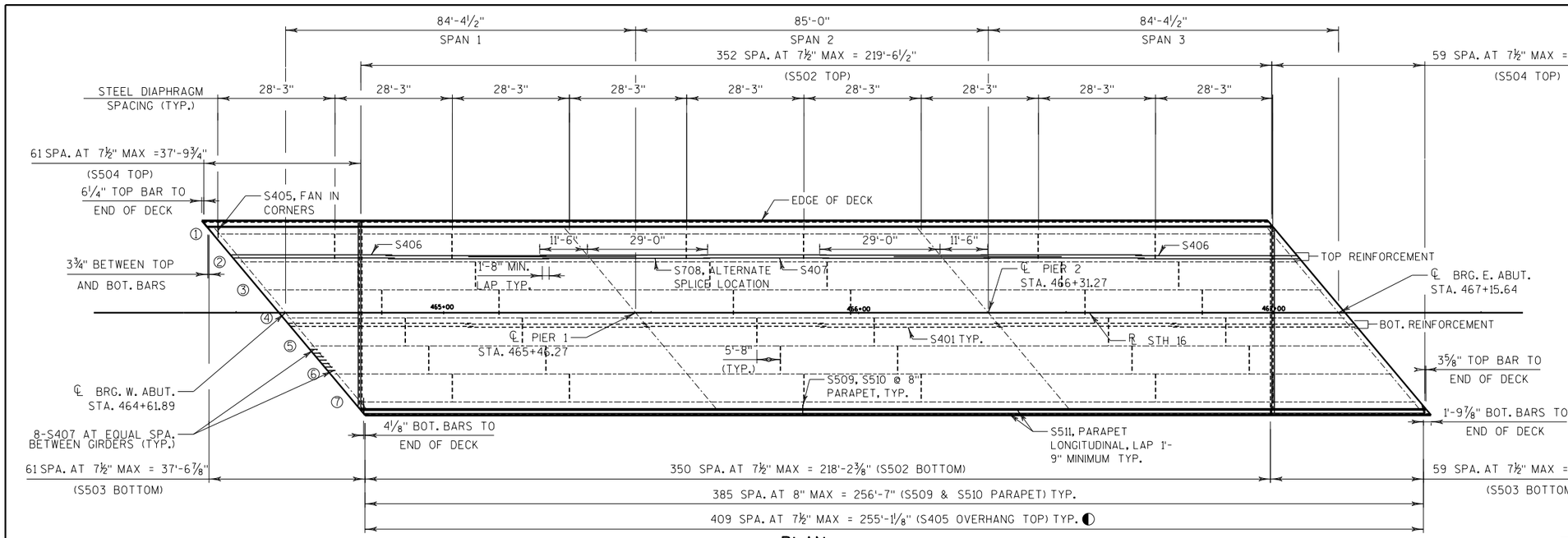
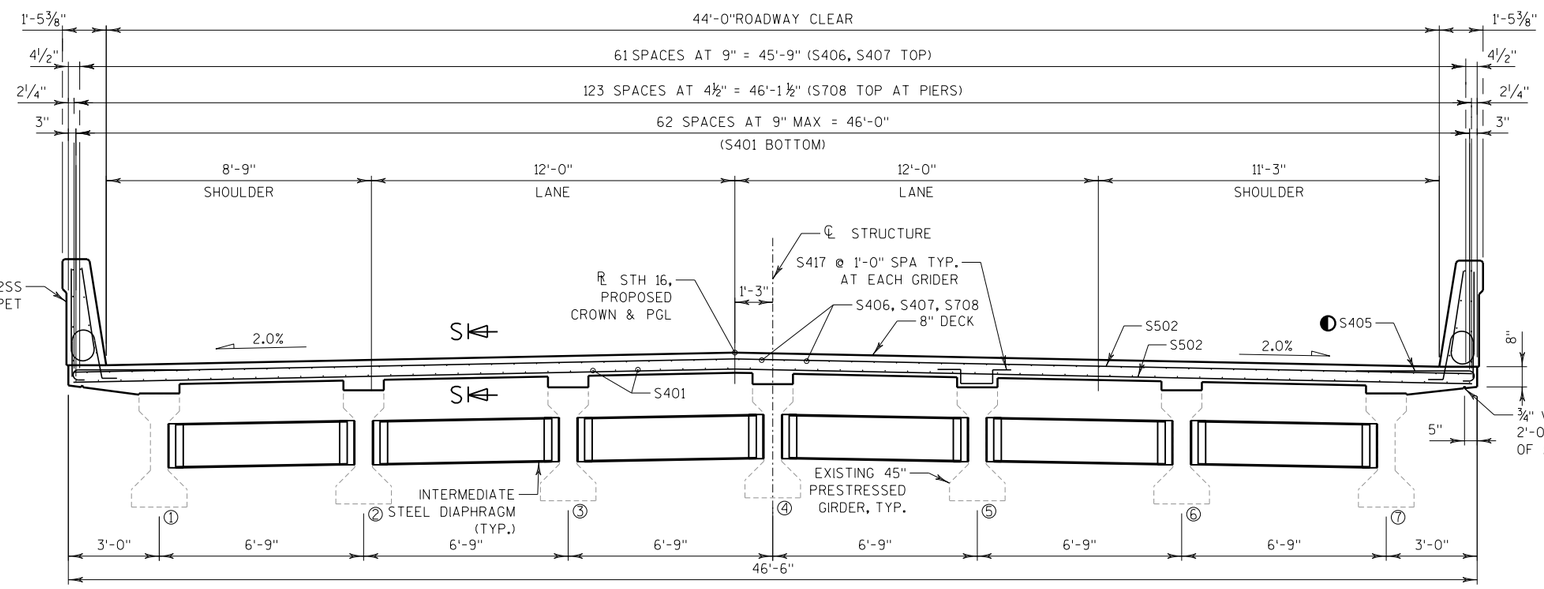
STATE PROJECT NUMBER
1370-00-73

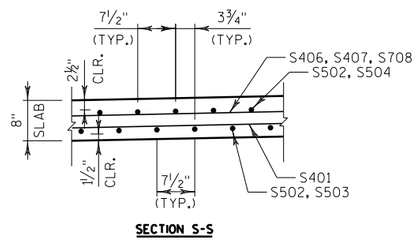


PLAN

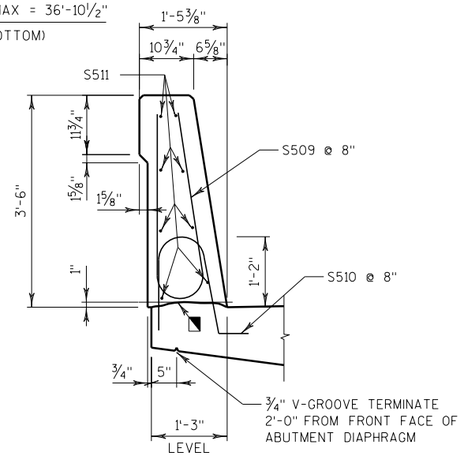


TYPICAL CROSS SECTION THRU DECK

(LOOKING EAST)



SECTION S-S



SECTION THRU PARAPET ON BRIDGE

LEGEND:

◐ LAP S405 ONTO EVERY TRANSVERSE BAR IN THE TOP MAT AS SHOWN.

(X) GIRDER NUMBER

◥ CONST. JOINT - STRIKE OFF AS SHOWN.

NOTES:

SEE "SUPERSTRUCTURE DETAILS 1" SHEET FOR TOP OF DECK ELEVATIONS AND SEE "SUPERSTRUCTURE DETAILS 2" SHEET FOR DEAD LOAD DEFLECTIONS.

SEE "EXPANSION JOINT DETAILS" SHEET FOR END OF DECK LOCATION, JOINT REPLACEMENT, AND "STRIP SEAL COVER PLATES" SHEET FOR COVER PLATE DETAILS.

FOR SUPERSTURCTURE BILL OF BARS AND BAR BEND DETAILS SEE "SUPERSTRUCTURE DETAILS 2" SHEET.

REINFORCEMENT FOR WINGWALLS, BACKWALL, AND PAVING BLOCK NOT SHOWN FOR CLARITY.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-28-12

DRAWN BY KRW | PLANS CK'D. JRM

SUPERSTRUCTURE PLAN & CROSS SECTION

SHEET 7 OF 12

425

8

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FILE NAME : Y:±52xx±5257.DP.20.STH16.JEF±09 STRUCTURES±B-28-12±Plan±080107_ SST_B-28-12.dgn

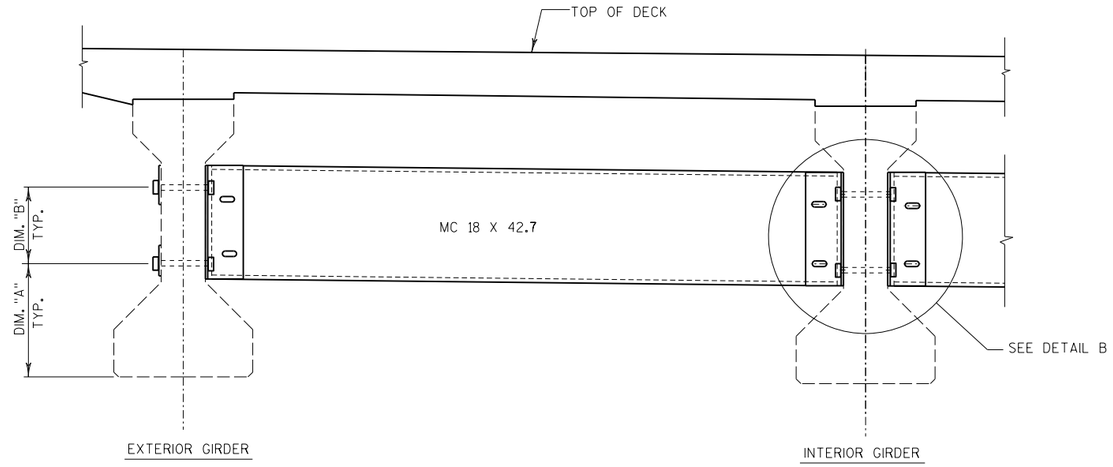
PLOT DATE : 7/15/2024

PLOT BY : AJC

STATE PROJECT NUMBER
1370-00-73

TABLE

GIRDER HEIGHT	DIM. "A"	DIM. "B"	DIM. "L"	* DIM. "X"
45"	1'-5 3/8"	1'-1 7/8"	1'-5 1/2"	2 1/4"



NOTES

ALL DIAPHRAGM MATERIAL NOT EMBEDDED IN THE CONCRETE GIRDER SHALL BE PAID FOR AT THE UNIT PRICE BID FOR "STEEL DIAPHRAGMS B-28-12", EACH.

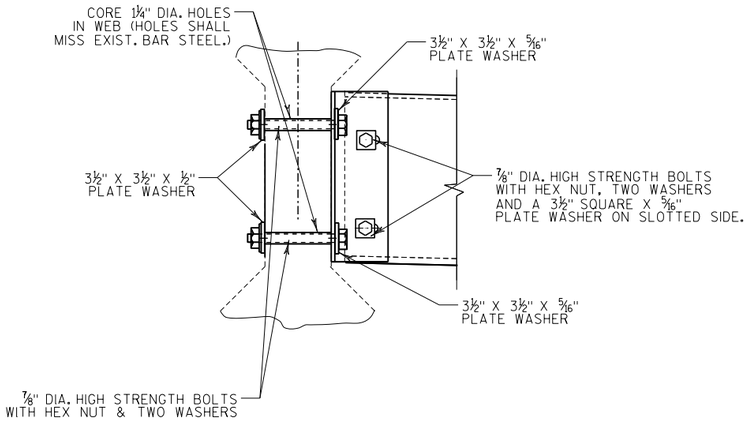
EACH DIAPHRAGM BETWEEN GIRDERS SHALL CONSTITUTE ONE UNIT.

ALL DIAPHRAGM STRUCTURAL STEEL SHALL BE ASTM A709 GRADE 36.

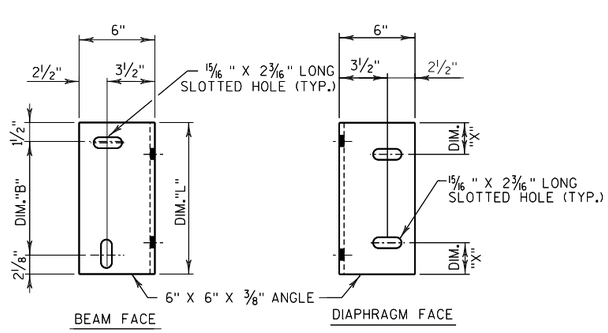
ALL DIAPHRAGM MATERIAL INCLUDING BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED AFTER FABRICATION.

STEEL DIAPHRAGM TO CONCRETE WEB CONNECTION SHALL BE SNUG-TIGHT PLUS 1/4 TURN, UNLESS NOTED OTHERWISE. HIGH STRENGTH BOLTS FOR WEB CONNECTION SHALL MEET THE REQUIREMENTS FOR ASTM A325 OR ASTM A449.

PART TRANSVERSE SECTION AT DIAPHRAGM



(FOR EXTERIOR GIRS. & STAGGERED DIAPHRAGMS)



DIAPHRAGM SUPPORT

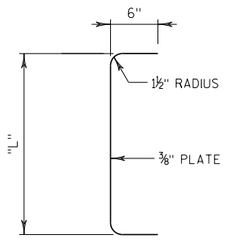
TOP OF DECK ELEVATIONS

LOCATION (SPAN 1)	W. ABUT	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	CL PIER 1
NORTH EDGE OF DECK	852.39	852.32	852.28	852.24	852.20	852.16	852.12	852.07	852.03	851.99	851.95
GIRDER 1	852.41	852.36	852.31	852.27	852.23	852.19	852.15	852.11	852.07	852.03	851.99
GIRDER 2	852.51	852.46	852.42	852.38	852.34	852.30	852.26	852.22	852.18	852.14	852.10
GIRDER 3	852.61	852.57	852.53	852.49	852.45	852.41	852.37	852.33	852.28	852.24	852.20
GIRDER 4	852.67	852.63	852.59	852.55	852.50	852.46	852.42	852.38	852.34	852.30	852.26
GIRDER 5	852.50	852.46	852.42	852.38	852.34	852.30	852.26	852.22	852.18	852.14	852.10
GIRDER 6	852.34	852.30	852.26	852.22	852.18	852.14	852.10	852.06	852.02	851.98	851.94
GIRDER 7	852.18	852.14	852.10	852.06	852.02	851.98	851.94	851.90	851.86	851.82	851.77
SOUTH EDGE OF DECK	852.14	852.10	852.06	852.02	851.98	851.94	851.89	851.85	851.81	851.77	851.73

LOCATION (SPAN 2)	CL PIER 1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	CL PIER 2
NORTH EDGE OF DECK	851.96	851.92	851.88	851.84	851.80	851.76	851.72	851.67	851.63	851.59	851.55
GIRDER 1	851.99	851.95	851.91	851.87	851.82	851.78	851.74	851.70	851.66	851.62	851.58
GIRDER 2	852.10	852.06	852.01	851.97	851.93	851.89	851.85	851.81	851.77	851.73	851.69
GIRDER 3	852.20	852.16	852.12	852.08	852.04	852.00	851.96	851.92	851.88	851.84	851.80
GIRDER 4	852.26	852.22	852.18	852.14	852.10	852.06	852.02	851.98	851.94	851.89	851.85
GIRDER 5	852.10	852.06	852.02	851.98	851.94	851.90	851.85	851.81	851.77	851.73	851.69
GIRDER 6	851.94	851.90	851.86	851.81	851.77	851.73	851.69	851.65	851.61	851.57	851.53
GIRDER 7	851.77	851.73	851.69	851.65	851.61	851.57	851.53	851.49	851.45	851.41	851.37
SOUTH EDGE OF DECK	851.73	851.69	851.65	851.61	851.57	851.53	851.49	851.45	851.41	851.37	851.32

LOCATION (SPAN 3)	CL Pier 2	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	CL E Abut
NORTH EDGE OF DECK	851.55	851.51	851.47	851.43	851.39	851.35	851.31	851.27	851.23	851.19	851.15
GIRDER 1	851.58	851.54	851.50	851.46	851.42	851.38	851.34	851.30	851.26	851.22	851.18
GIRDER 2	851.69	851.65	851.61	851.57	851.53	851.49	851.44	851.40	851.36	851.32	851.28
GIRDER 3	851.80	851.76	851.71	851.67	851.63	851.59	851.55	851.51	851.47	851.43	851.39
GIRDER 4	851.85	851.81	851.77	851.73	851.69	851.65	851.61	851.57	851.53	851.49	851.45
GIRDER 5	851.69	851.65	851.61	851.57	851.53	851.49	851.45	851.41	851.37	851.33	851.29
GIRDER 6	851.53	851.49	851.45	851.41	851.37	851.33	851.29	851.25	851.21	851.16	851.12
GIRDER 7	851.37	851.33	851.29	851.25	851.20	851.16	851.12	851.08	851.04	851.00	850.96
SOUTH EDGE OF DECK	851.32	851.28	851.24	851.20	851.16	851.12	851.08	851.04	851.00	850.96	850.92

DETAIL B



SECTION THRU ALTERNATE DIAPHRAGM

*DIM "X" = 2 1/2" FOR ALTERNATE PLATE DIAPHRAGM

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-28-12

DRAWN BY KRW | PLANS CK'D. JRM

SUPERSTRUCTURE DETAILS 1

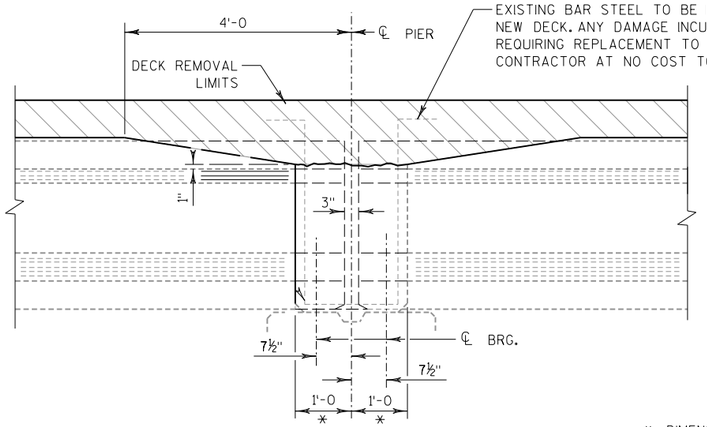
SHEET 8 OF 12

426

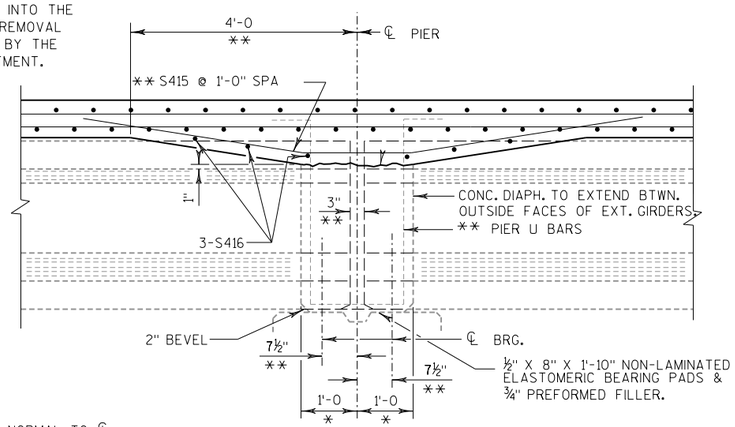
FILE NAME : Y:±52xx±5257.DP.20.STH16.JEF±09 STRUCTURES±B-28-12±Plan±080108_ SST_B-28-12.dgn

PLOT DATE : 7/15/2024

PLOT BY : AJC



REMOVAL AT PIER DIAPHRAGM

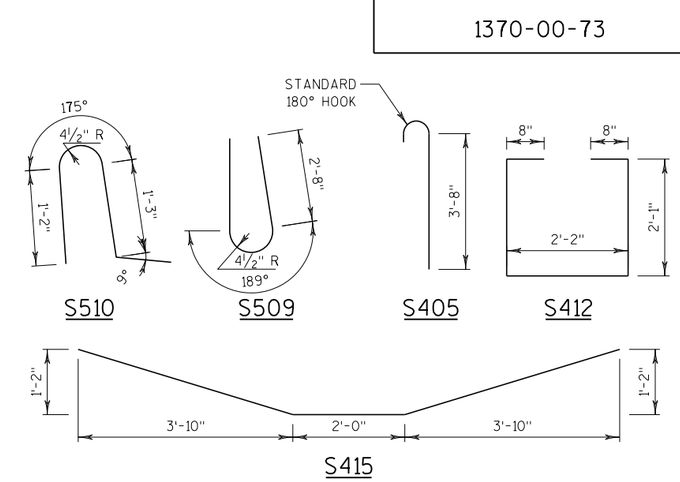


PROPOSED AT PIER DIAPHRAGM

* DIMENSION IS TAKEN NORMAL TO ℄ SUBSTRUCTURE UNITS.

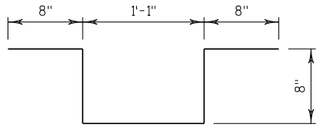
** BARS PLACED PARALLEL TO GIRDERS SPACING PERPENDICULAR TO ℄ GIRDERS

PART LONGIT. SECTION



S510 S509 S405 S412

S415



S417

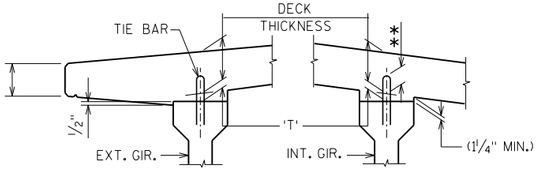
BILL OF BARS

SUPERSTRUCTURE BILL OF BARS

BAR MARK	COAT	NO.	LENGTH	BENT	LOCATION
S401	X	378	44'-6"		SLAB LONG. BOT.
S502	X	705	46'-2"		SLAB TRANS. TOP & BOT.
◐ S503	X	118	22'-9"		SLAB EDGE TRANS. BOT.
◐ S504	X	118	22'-9"		SLAB EDGE TRANS. TOP
S405	X	4	4'-4"	X	SLAB CORNER TRANS. TOP
S406	X	248	38'-10"		SLAB LONG. TOP SPAN 1 & 3
S407	X	63	30'-4"		SLAB LONG. TOP SPAN 2
S708	X	248	40'-6"		SLAB LONG. TOP NEG.
S509	X	772	6'-8"	X	PARAPET STIRRUP 1
S510	X	772	4'-5"	X	PARAPET STIRRUP 2
S511	X	80	52'-9"		PARAPET LONG.
S412	X	8	7'-3"	X	DIAPHRAGM STIRRUP
S613	X	240	5'-1"		DIAPHRAGM BOT.
S414	X	48	8'-2"		END DIA. - HORIZ
S415	X	72	10'-0"	X	PIER DIA. STIRRUP
S416	X	72	5'-1"		PIER DIA. LONG.
S417	X	1785	3'-5"	X	GIRDER HAT BARS

◐BAR SERIES

BAR MARK	NO. REQUIRED			LENGTH		
S503	2	SERIES OF	59	1'-2"	TO	44'-4"
S504	2	SERIES OF	59	1'-2"	TO	44'-4"



DECK HAUNCH DETAIL

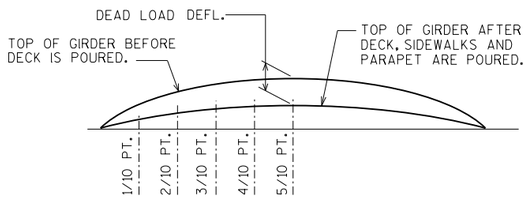
IF 1¼" MINIMUM HAUNCH HEIGHT AT EDGE OF GIRDER CANNOT BE MAINTAINED, THE GRADE LINE MAY BE REVISED BY THE ENGINEER AT THE OPTION OF THE CONTRACTOR, THE PLAN DECK THICKNESS SHALL BE HELD. NOTIFY THE STRUCTURES SECTION IF THE GRADE LINE IS RAISED FROM THE PLAN PROFILE BY MORE THAN ½" OR,

** IF 3" MINIMUM DECK EMBEDMENT OF TIE BAR CANNOT BE OBTAINED.

TO DETERMINE 'T', ELEV. OF TOP OF GIR'S. AT ℄ OF SUBSTRUCTURE UNITS & AT 1/10 POINTS OF EACH SPAN SHALL BE TAKEN. THEN FOLLOW THIS PROCESS:

TOP OF DECK ELEV. AT FINAL GRADE
\- TOP OF GIRDER ELEVATION
\+ DEAD LOAD DEFLECTION
\- DECK THICKNESS
= HAUNCH HEIGHT 'T'

NOTE: AN AVERAGE HAUNCH ('T') OF 5" WAS USED IN THE QUANTITY "CONCRETE MASONRY BRIDGES".



DEAD LOAD DEFLECTION DIAGRAM

GIRDER DATA										
		DEAD LOAD DEFLECTION (INCHES)								
SPAN	GIRDER	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
1	2-6	0.4	0.7	1.0	1.2	1.2	1.2	1.0	0.7	0.4
1	1,7	0.4	0.7	1.0	1.1	1.2	1.1	1.0	0.7	0.4
2	2-6	0.4	0.7	1.0	1.2	1.2	1.2	1.0	0.7	0.4
2	1,7	0.3	0.7	0.9	1.1	1.2	1.1	0.9	0.7	0.3
3	2-6	0.4	0.7	1.0	1.2	1.2	1.2	1.0	0.7	0.4
3	1,7	0.4	0.7	1.0	1.1	1.2	1.1	1.0	0.7	0.4

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-28-12

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SUPERSTRUCTURE DETAILS 2

SHEET 9 OF 12

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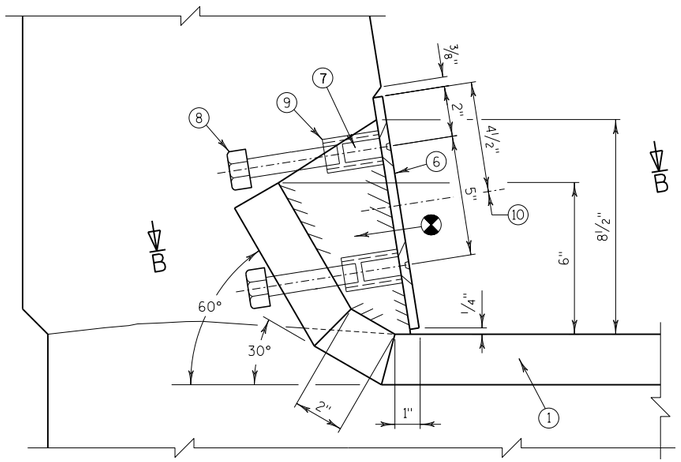
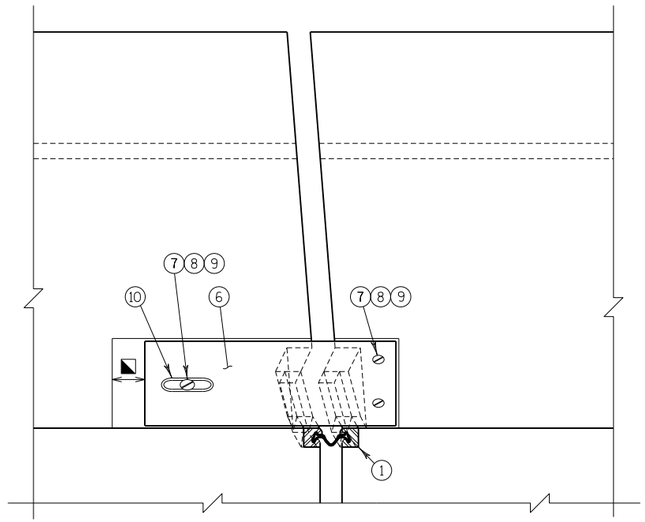
8

STATE PROJECT NUMBER

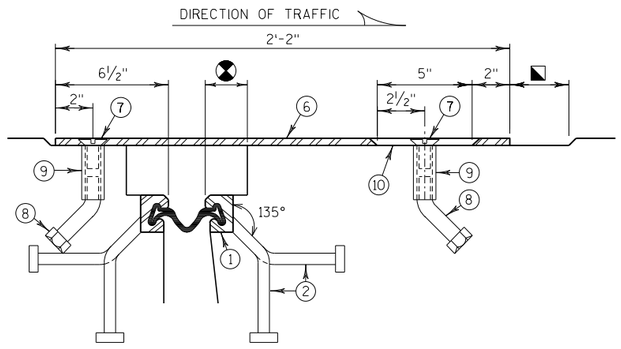
1370-00-73



SECTION A-A



VIEW OF PARAPET PLATE FROM ROADWAY



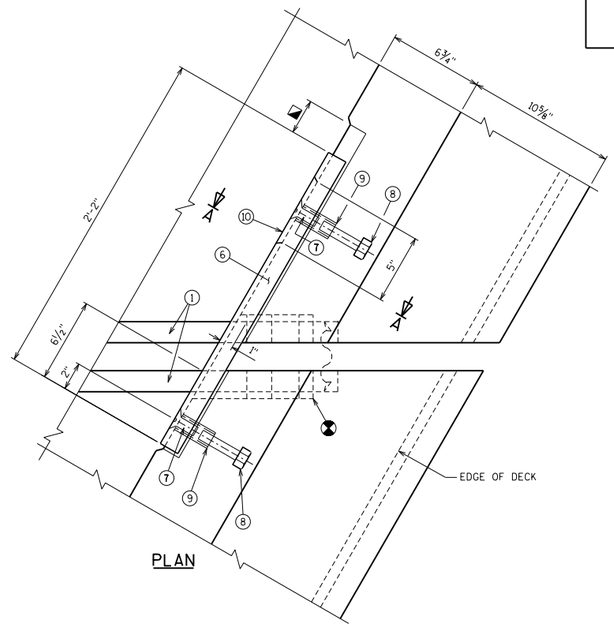
SECTION B-B

LEGEND

1. NEOPRENE STRIP SEAL (4 - INCH) AND STEEL EXTRUSIONS. SET JOINT OPENING AT 1¾". JOINT OPENINGS GIVEN NORMAL TO JOINT.
2. STUDS ⅝" DIA. X 6⅜" LONG AT 6" ALTERNATE CENTERS. WELD TO EXTRUSIONS AND BEND AS SHOWN AFTER WELDING.
2A. ½" THICK ANCHOR PLATE WITH ⅝" DIA. ROD (OR ALTERNATE STRIP SEAL ANCHOR). WELD ROD TO ANCHOR PLATE, WELD ANCHOR PLATE TO NO. 1 AT 1'-6" CENTERS BETWEEN GIRDERS.
3. ¾" DIA. THREADED ROD WITH 2 NUTS AND PLATE WASHERS. GROUT THREADED ROD INTO 4" DEEP FIELD DRILLED HOLES ON ℄ GIRDER. ON ABUTMENT SIDE, GROUT THREADED ROD INTO FIELD DRILLED HOLES IN ABUTMENT BACKWALL AS SHOWN.
4. ¾" DIA. THREADED ROD WITH NUT. TACK WELD NUT TO NO. 5.
5. FABRICATE SUPPORT FROM 3" X ½" BAR AS SHOWN OR EQUIVALENT. ONE PER GIRDER PER SIDE. SHOP OR FIELD WELD TO NO. 1. IF FIELD WELDED, COVER WELDED AREAS WITH EPOXY-COATING MATERIAL. PROVIDE 1½" DIA. HOLE FOR NO. 3 & 1" DIA HOLE FOR NO.4
6. GALVANIZED PLATE ⅜" X 10½" X 2'-2" LONG WITH HOLES FOR NO. 7. BEND AS SHOWN.
7. ¾" DIA. X 1½" STAINLESS STEEL SOCKET FLAT HEAD SCREWS WITH ANTI-SEIZE LUBRICANT. PLACE IN COUNTERSUNK HOLE. RECESS 1/16" BELOW PLATE SURFACE.
8. ¾" DIA. X 4" GALVANIZED HEX HEAD BOLT. BEND 45°.
9. ¾" DIA. X 2¼" GALVANIZED THREADED COUPLING.
10. 1" X 5" SLOTTED COUNTERSUNK HOLE FOR NO. 7. PLACE SLOT PARALLEL TO DIRECTION OF MOVEMENT.

BLOCK OUT CONCRETE 2" EITHER SIDE OF JOINT OPENING.

JOINT OPENING DIM. ALONG SKEW PLUS ½"



PLAN

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NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-28-12

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STRIP SEAL COVER PLATE

SHEET 10 OF 12

428

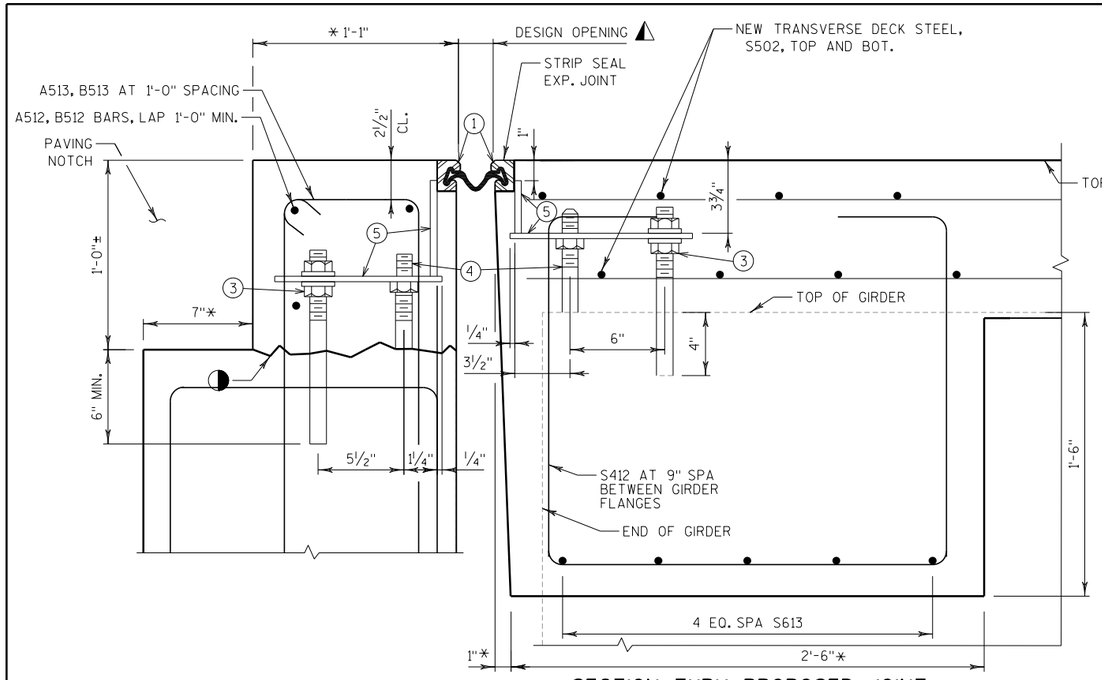
FILE NAME : Y:±52xx±5257.DP.20.STH16.JEF±09 STRUCTURES±B-28-12±Plan±080110_ SST_B-28-12.dgn

PLOT DATE : 7/15/2024

PLOT BY : AJC

STATE PROJECT NUMBER

1370-00-73



SECTION THRU PROPOSED JOINT AND END DIAPHRAGM

NOTES

ONE FIELD SPLICE PERMITTED IN STEEL EXTRUSIONS, UNLESS MORE ARE REQUIRED FOR STAGED CONSTRUCTION, HANDLING, OR GALVANIZING REQUIREMENTS. IF USED, ANCHOR PLATES SHALL BE PROVIDED 3" FROM EACH SIDE OF THE FILED SPLICE. DETAILS SHALL BE SUBMITTED FOR APPROVAL. NO SPLICING PERMITTED IN NEOPRENE STRIP SEAL.

AFTER FABRICATION, BUT BEFORE SHIPMENT, STRAIGHTEN STEEL EXTRUSIONS SUCH THAT THEY SHALL BE FREE FROM WARP, TWIST & SWEEP.

FABRICATOR SHALL PROVIDE MEANS OF KEEPING GALVANIZED EXTRUSIONS CLEAN AND SMOOTH DURING SHIPMENT AND PRIOR TO APPLYING LUBRICANT ADHESIVE FOR NEOPRENE GLAND INSTALLATION.

SANDBLAST PLATES, SUPPORTS, AND EXTRUSIONS AFTER FABRICATION IN ACCORDANCE WITH SSPC SP. #6 "COMMERCIAL BLAST CLEANING". AFTER BLAST CLEANING, THE PLATES, SUPPORTS, AND EXTRUSTIONS SHALL BE HOT DIPPED GALVANIZED. SLIP-RESISTANT SURFACE IS APPLIED TO SIDEWALK COVER PLATES BY THE MANUFACTURER AND THEN HOT DIPPED GALVANIZED TO THEIR RECOMMENDATIONS TO MAINTAIN THEINTEGRITY OF THIS SURFACE.

ANCHOR SYSTEM NO. 8 & NO. 9 SHALL CONFORM TO ASTM A307 & SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 CLASS C & D.

ALL MATERIAL IN THE EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS & HARDWARE WILL BE PAID FOR AT THE PRICE BID FOR "EXPANSION DEVICE", LF.

PRESERVE AND PROTECT EXISTING REINFORCEMENT. IF EXISTING BARS ARE SEVERELY CORRODED SEE ENGINEER FOR REPLACEMENT OPTIONS. IF EXISTING BARS ARE DAMAGED DURING CONCRETE REMOVAL OPERATIONS, THE CONTRACTOR WILL REPLACE REINFORCEMENT AT THE DIRECTION OF THE ENGINEER AT NO ADDITIONAL EXPENSE TO THE OWNER.

JOINT OPENINGS ARE MEASURED PERPENDICULAR TO JOINT. SMALL JOINT OPENINGS DUE TO HIGH TEMPERATURE AT TIME OF CONSTRUCTION MAY REQUIRE NEOPRENE STRIP SEAL INSTALLATION INTO STEEL EXTRUSTION PRIOR TO SETTING THE EXPANSION JOINT.

LEGEND

(1) NEOPRENE STRIP SEAL (4 - INCH) AND STEEL EXTRUSIONS. SET JOINT OPENING AT 1¾". JOINT OPENINGS GIVEN NORMAL TO JOINT.

(2) STUDS ⅝" DIA. X 6⅜" LONG AT 6" ALTERNATE CENTERS. WELD TO EXTRUSIONS AND BEND AS SHOWN AFTER WELDING.

(2A) ½" THICK ANCHOR PLATE WITH ⅝" DIA. ROD (OR ALTERNATE STRIP SEAL ANCHOR). WELD ROD TO ANCHOR PLATE, WELD ANCHOR PLATE TO NO. 1 AT 1'-6" CENTERS BETWEEN GIRDERS.

(3) ¾" DIA. THREADED ROD WITH 2 NUTS AND PLATE WASHERS. GROUT THREADED ROD INTO 4" DEEP FIELD DRILLED HOLES ON ℄ GIRDER. ON ABUTMENT SIDE, GROUT THREADED ROD INTO FIELD DRILLED HOLES IN ABUTMENT BACKWALL AS SHOWN.

(4) ¾" DIA. THREADED ROD WITH NUT. TACK WELD NUT TO NO. 5.

(5) FABRICATE SUPPORT FROM 3" X ½" BAR AS SHOWN OR EQUIVALENT. ONE PER GIRDER PER SIDE. SHOP OR FIELD WELD TO NO. 1. IF FIELD WELDED, COVER WELDED AREAS WITH EPOXY-COATING MATERIAL. PROVIDE 1½" DIA. HOLE FOR NO. 3 & 1" DIA HOLE FOR NO.4

(6) GALVANIZED PLATE ⅜" X 10½" X 2'-2" LONG WITH HOLES FOR NO. 7. BEND AS SHOWN.

(7) ¾" DIA. X 1½" STAINLESS STEEL SOCKET FLAT HEAD SCREWS WITH ANTI-SEIZE LUBRICANT. PLACE IN COUNTERSUNK HOLE. RECESS 1/16" BELOW PLATE SURFACE.

(8) ¾" DIA. X 4" GALVANIZED HEX HEAD BOLT. BEND 45°.

(9) ¾" DIA. X 2¼" GALVANIZED THREADED COUPLING.

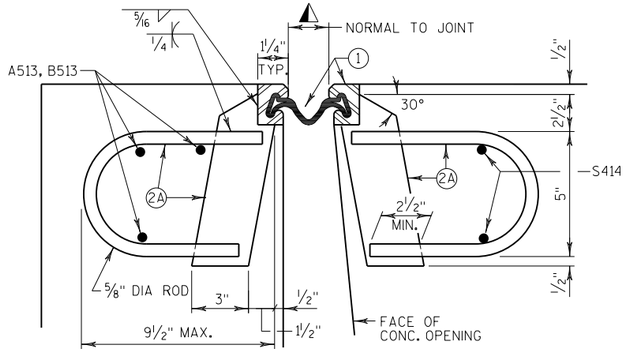
(10) 1" X 5" SLOTTED COUNTERSUNK HOLE FOR NO. 7. PLACE SLOT PARALLEL TO DIRECTION OF MOVEMENT.

BLOCK OUT CONCRETE 2" EITHER SIDE OF JOINT OPENING.

JOINT OPENING DIM. ALONG SKEW PLUS ½"

CONSTRUCTION JOINT. POUR CONCRETE ABOVE THIS JOINT AFTER SUPERSTRUCTURE IS IN PLACE. STRICKE OFF AND LEAVE ROUGH.

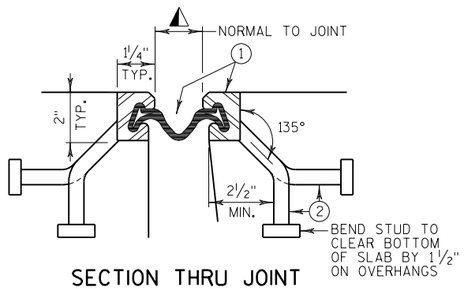
* DIMENSIONS GIVEN ARE NORMAL TO ℄ OF SUBSTRUCTURE UNIT.



AT PAVING BLOCK AT DECK

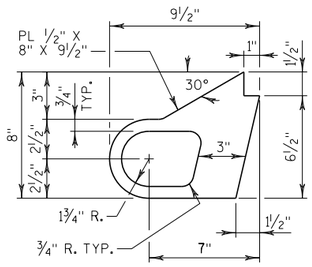
SECTION THRU JOINT AT ABUTMENT

ROADWAY TRAFFIC AREA BETWEEN EXTERIOR GIRDERS.

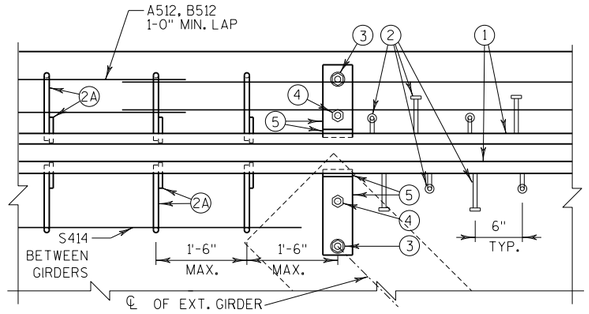


SECTION THRU JOINT

EXTERIOR GIRDER TO EDGE OF DECK AND AT PARAPETS



ALTERNATE STRIP SEAL ANCHOR



PART PLAN

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-28-12

DRAWN BY KRW | PLANS CK'D. JRM

EXPANSION JOINT DETAILS

SHEET 11 OF 12

429

8

8

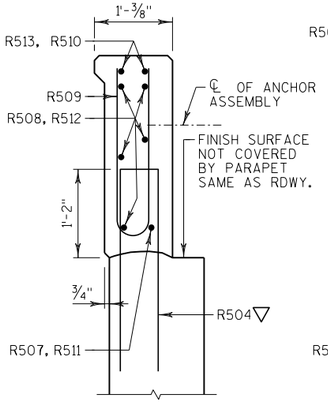
FILE NAME : Y:±52xx±5257.DP.20.STH16.JEF±09 STRUCTURES±B-28-12±Plan±080111_xj.dgn

PLOT DATE : 7/18/2024

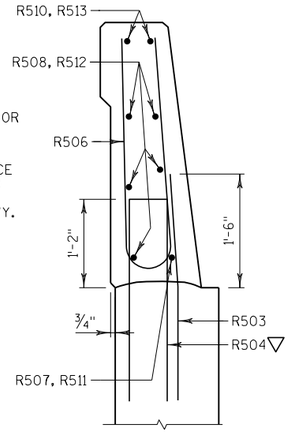
PLOT BY : AJC

STATE PROJECT NUMBER

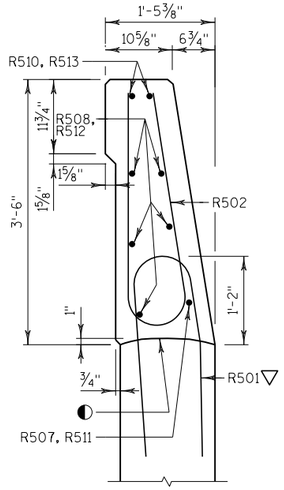
1370-00-73



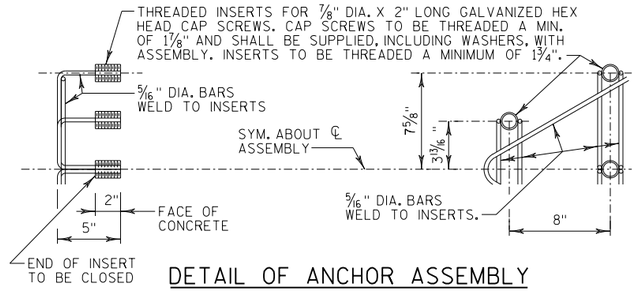
SECTION A-A



SECTION B-B



SECTION C-C



DETAIL OF ANCHOR ASSEMBLY

NOTE: HEX HEAD CAP SCREWS & WASHERS TO BE GALVANIZED IN ACCORDANCE WITH AASHTO M232 CLASS C.

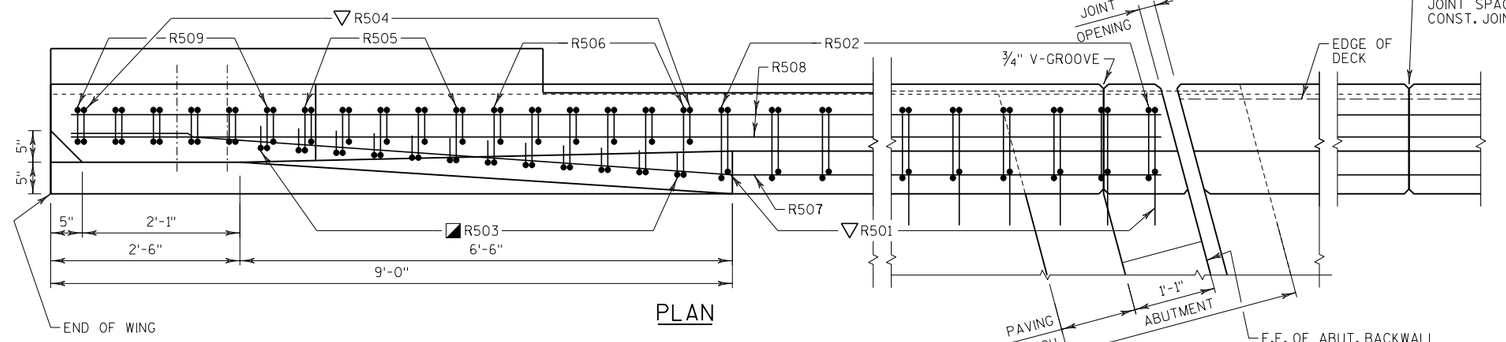
ASSEMBLY SHALL BE BID ITEM "ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD", EACH.

BILL OF BARS

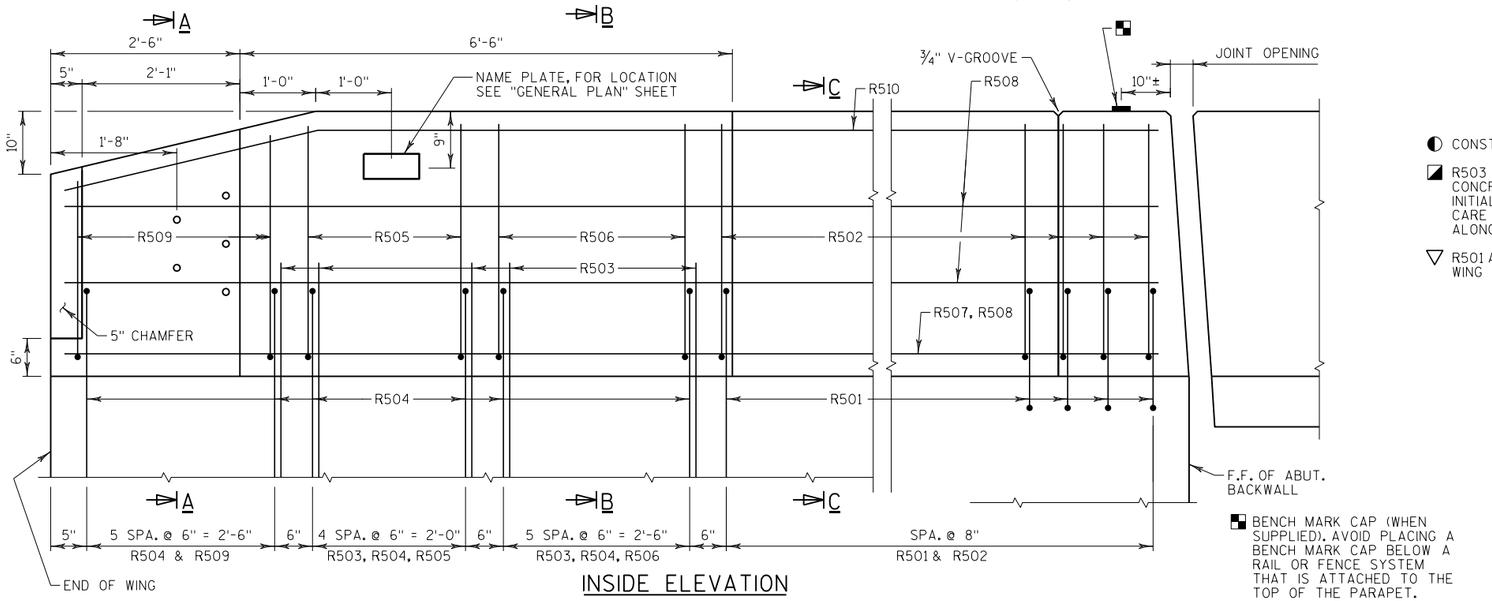
BAR MARK	COAT	EAST APPROACH	WEST APPROACH	LENGTH	BENT	BAR SERIES	LOCATION
R501	X	7	7	5'-10"	X		PARAPET - VERT.
R502	X	7	7	6'-8"	X		PARAPET - VERT.
R503	X	22	22	3'-0"	X		PARAPET - VERT.
R504	X	34	34	5'-7"	X		PARAPET - VERT.
R505	X	10	10	6'-5"	X		PARAPET - VERT.
R506	X	12	12	6'-6"	X		PARAPET - VERT.
R507	X	1	1	9'-6"	X		PARAPET - HORIZ.
R508	X	5	5	9'-6"			PARAPET - HORIZ.
R509	X	12	12	5'-5"	X		PARAPET - VERT.
R510	X	2	2	9'-6"	X		PARAPET - HORIZ.
R511	X	1	1	11'-0"	X		PARAPET - HORIZ.
R512	X	5	5	11'-0"			PARAPET - HORIZ.
R513	X	2	2	11'-0"	X		PARAPET - HORIZ.

BAR SERIES

BAR MARK	NO. REQUIRED	LENGTH
R509	4 SERIES OF 6	4'-9" TO 6'-1"



PLAN



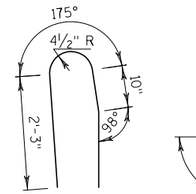
INSIDE ELEVATION

◐ CONST. JOINT - STRIKE OFF AS SHOWN

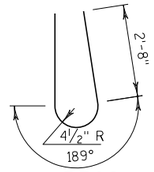
◪ R503 BARS MAY BE PLACED AFTER CONCRETE IS POURED BUT BEFORE INITIAL SET HAS TAKEN PLACE. USE CARE TO PLACE R503 BARS CORRECTLY ALONG TRANSITION OF PARAPET.

▽ R501 AND R504 BARS TO BE TIED TO WING STEEL BEFORE WING IS POURED.

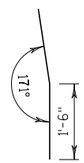
■ BENCH MARK CAP (WHEN SUPPLIED). AVOID PLACING A BENCH MARK CAP BELOW A RAIL OR FENCE SYSTEM THAT IS ATTACHED TO THE TOP OF THE PARAPET.



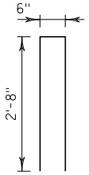
R501



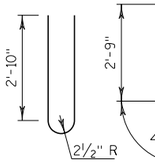
R502



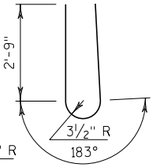
R503



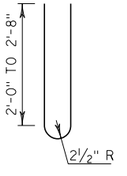
R504



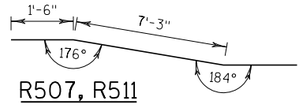
R505



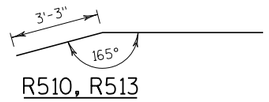
R506



R509



R507, R511



R510, R513

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-28-12

DRAWN BY KRW | PLANS CK'D. JRM

SINGLE SLOPE PARAPET 42SS

SHEET 12 OF 12

430

8

8

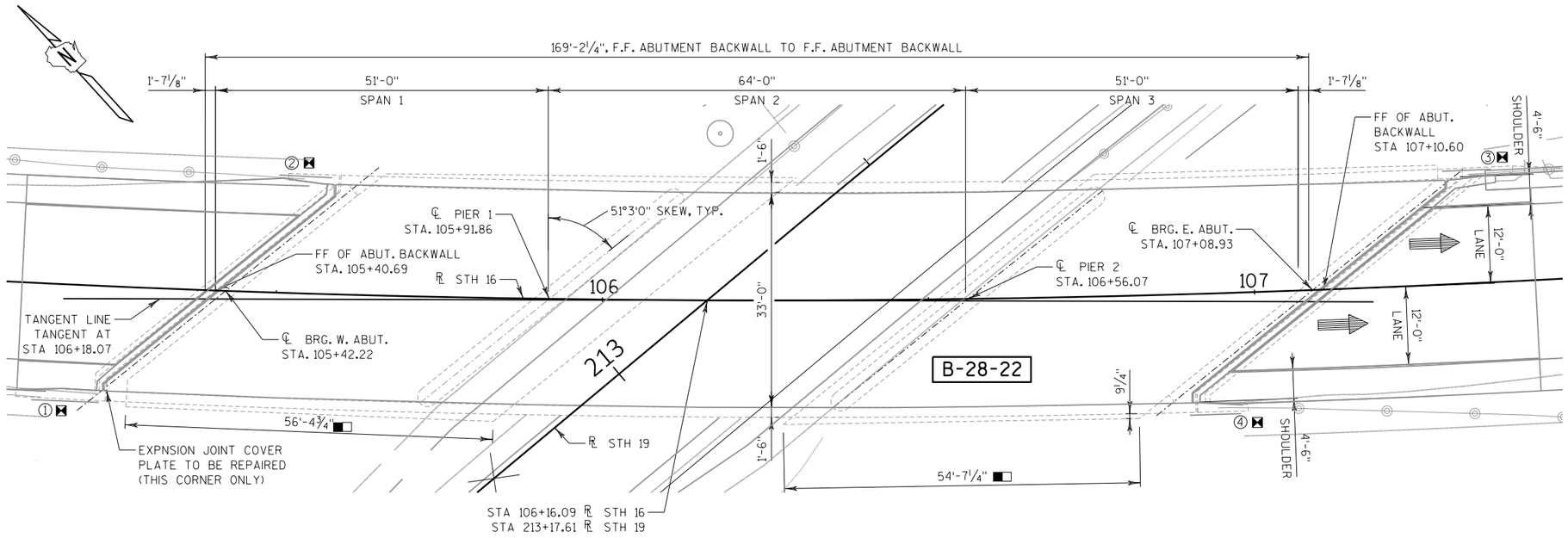
FILE NAME : Y:±52xx±5257.DP.20.STH16.JEF±09 STRUCTURES±B-28-12±Plan±080112_ss42.dgn

PLOT DATE : 7/15/2024

PLOT BY : AJC

STATE PROJECT NUMBER

1370-00-73



PLAN

3 SPAN CONTINUOUS STEEL GIRDER BRIDGE

DESIGN DATA

LIVE LOAD:
DESIGN LOADING: HS-20
INVENTORY RATINGS : HS-20
OPERATING RATINGS : HS-33
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 220 KIPS
(TAKEN FROM HSION 1/13/2023)

MATERIAL PROPERTIES
CONCRETE MASONRY
SUPERSTRUCTURE.....f'c = 4,000 psi
ALL OTHER.....f'c = 3,500 psi

TRAFFIC DATA:
STH 16:
ADT = 1700 (2024)
ADT = 2600 (2044)
RDS = 55 MPH

STH 19:
ADT = 2560 (2024)
ADT = 2830 (2044)
RDS = 50 MPH

NOTES

* ELEVATIONS BASED ON EXISTING 1960 PLANS.

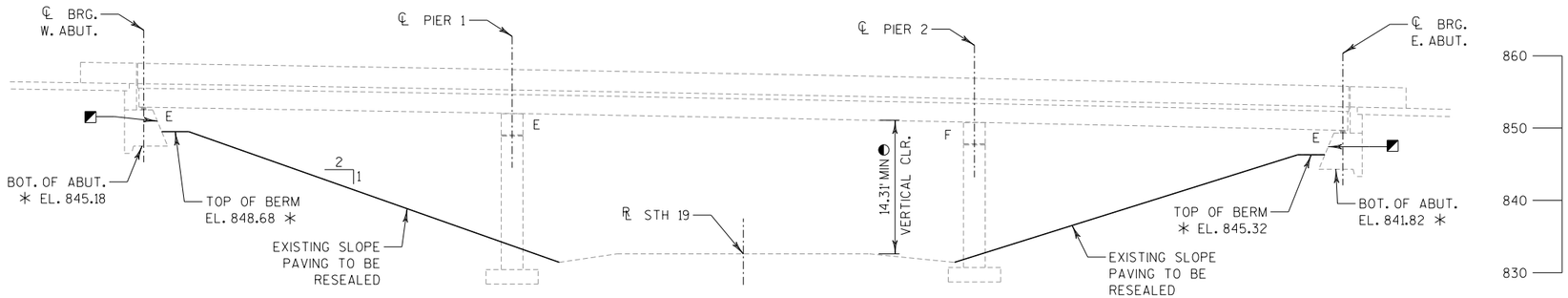
Ⓧ DENOTES WINGWALL NUMBER

⋈ NEW THRIE BEAM ATTACHMENT WORK INCLUDED IN ROADWAY BID ITEMS

◪ CONCRETE SURFACE REPAIR

▭ LIMITS OF SLOPE PAVING

◐ FROM HSION 05/31/2024



ELEVATION

(LOOKING NORTHEAST)

LIST OF DRAWINGS

1. GENERAL PLAN & ELEVATION
2. TYPICAL SECTION, JOINT REPAIR, AND QUANTITIES

STRUCTURES DESIGN CONTACTS

BUREAU OF STRUCTURES: AARON BONK (608) 261-0261
CONSULTANT: TONY CASTLE (414) 347-1607

JOSHUA R. MITCHELL E-46242-6 MILWAUKEE, WI PROFESSIONAL ENGINEER WISCONSIN

5/31/24

NO.	DATE	REVISION	BY

emcs Transforming Challenges into Solutions

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED SDR 11/14/24
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-28-22

STH 16 OVER STH 19

COUNTY	JEFFERSON	TOWN	WATERTOWN
DESIGN SPEC.	REHABILITATION N/A		
DESIGNED BY	JRM	DESIGN CK'D.	AJC
DRAWN BY	JRM	PLANS CK'D.	AJC

GENERAL PLAN & ELEVATION

SHEET 1 OF 2
431

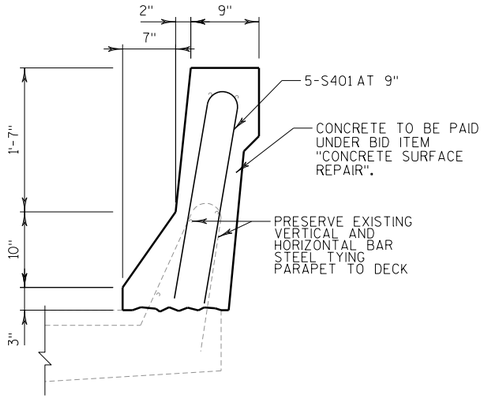
8

8

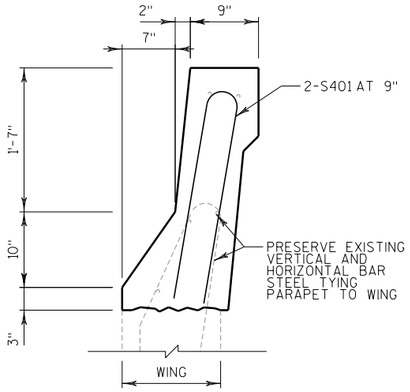
FILE NAME : Y:±52xx±5257.DP.20.STH16.JEF±09 STRUCTURES±B-28-22±Plan±080101_GPE_B-28-22.dgn

PLOT DATE : 5/31/2024

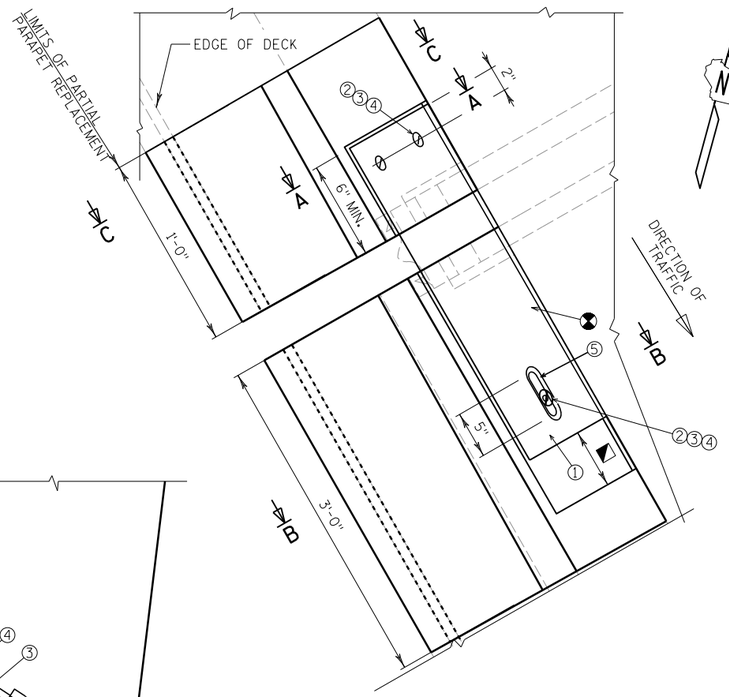
PLOT BY : jrm



SECTION B-B

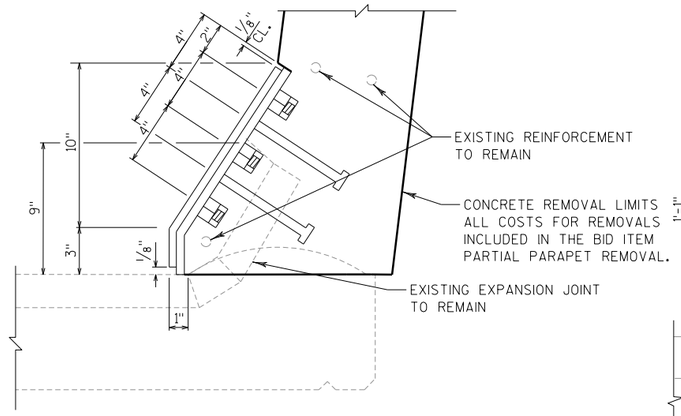


SECTION C-C



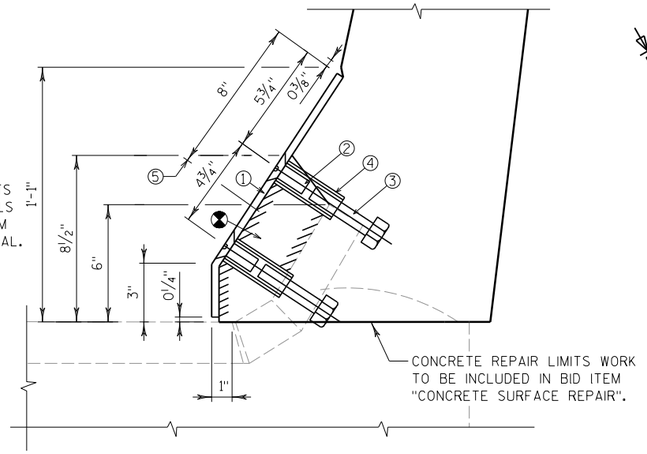
PLAN AT PARAPET

(AT WINGWALL 1)

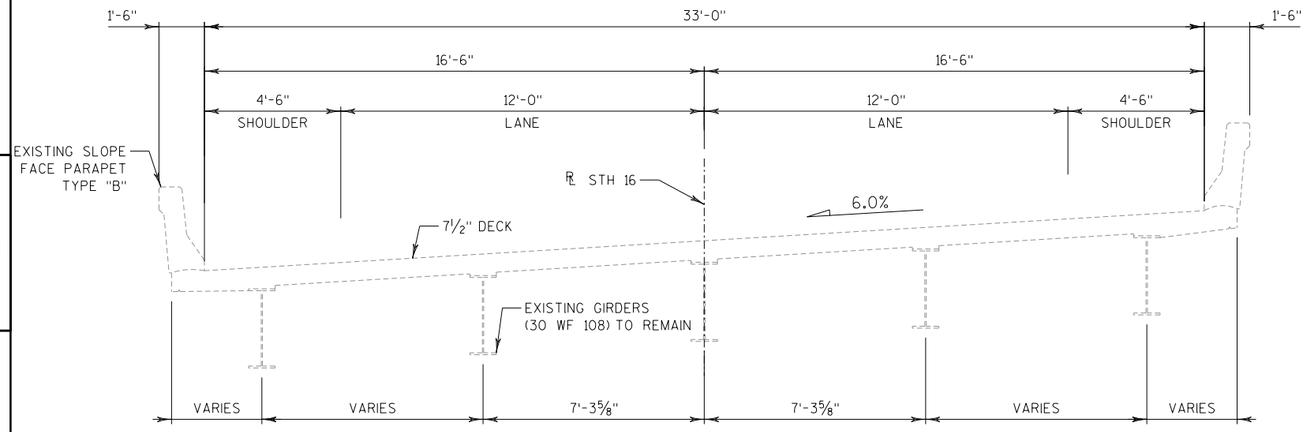


EXISTING EXPANSION JOINT COVER PLATE TO BE REMOVED

LOCATED AT SOUTHWEST CORNER OF STRUCTURE



SECTION A-A



TYPICAL SECTION

(LOOKING UPSTATION)

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

DIMENSIONS ARE BASED ON ORIGINAL STRUCTURE PLANS.

ALL STATIONS AND ALL ELEVATIONS ARE IN FEET.

CONCRETE SURFACE REPAIR QUANTITES ARE AN ESTIMATE ONLY. ACTUAL QUANTITIES TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE FIELD ENGINEER.

ALL MATERIALS IN THE EXPANSION JOINT COVER PLATE ASSEMBLY, INCLUDING ANCHOR STUDS AND HARDWARE, SHALL BE PAID AT THE UNIT PRICE BID FOR "PARAPET COVER PLATE". SANDBLAST PLATES, SUPPORTS AND EXTRUSIONS AFTER FABRICATION IN ACCORDANCE WITH SSPC SP. #6 "COMMERCIAL BLAST CLEANING". AFTER BLAST CLEANING, THE PLATES, SUPPORTS AND EXTRUSIONS SHALL BE HOT DIPPED GALVANIZED. ANCHOR SYSTEM NO. 3 AND NO. 4 SHALL CONFORM TO ASTM A307 AND SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 CLASS C AND D.

ALL MATERIAL IN THE EXPANSION JOINT ASSEMBLY INCLUDING ANCHOR STUDS AND HARDWARE SHALL BE PAID AT THE UNIT PRICE BID FOR "EXPANSION DEVICE", LF.

① GALVANIZED PLATE 3/8" X 1'-2 3/8" X 3'-0" LONG WITH HOLE FOR NO. 2. BEND AS SHOWN.

② 3/4" DIA. X 1 1/2" STAINLESS STEEL SOCKET FLAT HEAD SCREWS WITH ANTI-SEIZE LUBRICANT. PLACE IN COUNTERSUNK HOLE. RECESS 1/16" BELOW PLATE SURFACE.

③ 3/4" DIA. X 4" GALVANIZED HEX HEAD BOLT. BEND 45°.

④ 3/4" DIA. X 2 1/4" GALVANIZED THREADED COUPLING.

⑤ 1" X 5" SLOTTED COUNTERSUNK HOLE FOR NO. 2. PLACE SLOT PARALLEL TO DIRECTION OF MOVEMENT.

BLOCK OUT CONCRETE 2" EACH SIDE OF JOINT OPENING.

JOINT OPENING DIM. ALONG SKEW PLUS 1/2". SEE "TEMPERATURE TABLE" FOR JOINT OPENING DIM. VALUES IN TABLE DO NOT INCLUDE ADDITIONAL 1/2".

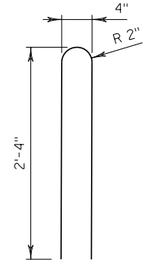
TOTAL ESTIMATED QUANTITIES

BID ITEM NO.	BID ITEMS	UNIT	TOTAL
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	30
509.1500	CONCRETE SURFACE REPAIR	SF	52
604.9015.S	RESEAL CRUSHED AGGREGATE SLOPE PAVING	SY	617
SPV.0060	PARAPET COVER PLATE	EACH	1
SPV.0165	PARTIAL PARAPET REMOVAL	SF	11

TEMPERATURE TABLE

SHADED UNDERSIDE DECK TEMP. (°F)	JOINT OPENING (NORMAL TO JT.)
90°	1 9/16"
80°	1 5/8"
70°	1 11/16"
60°	1 3/4"
50°	1 13/16"
45°	1 7/8"
40°	1 15/16"
30°	2"

DIMENSIONS TAKEN FROM 1990 DECK REPLACEMENT PLANS



S401

BILL OF BARS

BAR MARK	COAT	NO.	LENGTH	BENT	LOCATION
S401	X	7	4'-10"	X	PARAPET VERT.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-28-22

DRAWN BY JRM | PLANS CK'D. AJC

TYPICAL SECTION, JOINT REPAIR, AND QUANTITIES

SHEET 2 OF 2

432

STATE PROJECT NUMBER

1370-00-73

8

8

FILE NAME : Y:±52xx±5257.DP.20.STH16.JEF±09 STRUCTURES±B-28-22±Plan±080102_TS_B-28-22.dgn

PLOT DATE : 5/31/2024

PLOT BY : jrm

STH 16 EB RAMP EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	INCREMENTAL VOL (CY) (UNADJUSTED) CUT	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL	INCREMENTAL VOL (CY) (UNADJUSTED) FILL	CUMULATIVE VOL (CY) CUT 1.00	CUMULATIVE VOL (CY) EXPANDED FILL 1.25	CUMULATIVE VOL (CY) MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
86+14.268	8614.27	0.00	141.31	16.00	0.00	0	0	0	0	0	0
86+25	8625.00	10.73	140.90	16.00	0.00	56	6	0	56	0	50
87+00	8700.00	75.00	138.00	16.00	0.00	387	44	0	443	0	393
88+00	8800.00	100.00	131.74	16.00	0.00	500	59	0	943	0	834
88+50	8850.00	50.00	131.74	16.00	0.00	244	30	0	1,187	0	1,048
88+75	8875.00	25.00	135.24	16.00	0.00	124	15	0	1,311	0	1,157
89+00	8900.00	25.00	139.39	16.00	0.00	127	15	0	1,438	0	1,269
89+50	8950.00	50.00	139.62	16.00	0.00	258	30	0	1,696	0	1,497
90+00	9000.00	50.00	137.59	16.00	0.00	257	30	0	1,953	0	1,724
91+00	9100.00	100.00	138.71	16.00	0.00	512	59	0	2,465	0	2,177
91+25	9125.00	25.00	139.20	16.00	0.00	129	15	0	2,594	0	2,291
92+00	9200.00	75.00	143.23	16.00	0.00	392	44	0	2,986	0	2,639
92+16.489	9216.49	16.49	139.46	16.00	0.00	86	10	0	3,072	0	2,715
92+16.489	9216.49	0.00	69.14	16.00	0.00	0	0	0	3,072	0	2,715
93+00	9300.00	83.51	62.84	16.00	0.00	204	49	0	3,276	0	2,870
94+00	9400.00	100.00	63.53	16.00	0.00	234	59	0	3,510	0	3,045
94+34.63	9434.63	34.63	64.24	16.00	0.00	82	21	0	3,592	0	3,106
94+50	9450.00	15.37	99.78	16.00	0.00	47	9	0	3,639	0	3,144
94+84.502	9484.50	34.50	102.67	16.00	0.00	129	20	0	3,768	0	3,253
95+00	9500.00	15.50	98.80	16.00	0.00	58	9	0	3,826	0	3,302
96+00	9600.00	100.00	113.67	16.00	0.00	393	59	0	4,219	0	3,636
97+00	9700.00	100.00	123.50	16.00	0.00	439	59	0	4,658	0	4,016
98+00	9800.00	100.00	112.92	16.00	0.00	438	59	0	5,096	0	4,395
99+00	9900.00	100.00	100.80	16.00	0.00	396	59	0	5,492	0	4,732
99+50	9950.00	50.00	91.68	16.00	0.00	178	30	0	5,670	0	4,880
100+00	10000.00	50.00	85.82	16.00	0.00	164	30	0	5,834	0	5,014
100+81.496	10081.50	81.50	83.74	16.00	0.00	256	48	0	6,090	0	5,222
101+00	10100.00	18.50	83.39	16.00	0.00	57	11	0	6,147	0	5,268
101+32.366	10132.37	32.37	83.31	16.00	0.00	100	19	0	6,247	0	5,349
101+83.235	10183.24	50.87	91.81	16.00	0.34	165	30	0	6,412	0	5,484
102+00	10200.00	16.76	94.85	16.00	0.97	58	10	0	6,470	0	5,532
102+10.37	10210.37	10.37	97.07	16.00	1.18	37	6	0	6,507	0	5,563
102+29.099	10229.10	18.73	100.06	16.00	2.95	68	11	1	6,575	1	5,619
102+34.105	10234.11	5.01	101.70	16.00	3.24	19	3	1	6,594	3	5,634
102+49.366	10249.37	15.26	105.18	16.00	5.09	58	9	2	6,652	5	5,680
102+63.529	10263.53	14.16	108.59	16.00	5.66	56	8	3	6,708	9	5,724
102+88.708	10288.71	25.18	107.21	16.00	0.67	101	15	3	6,809	13	5,807
103+00	10300.00	11.29	108.47	16.00	0.00	45	7	0	6,854	13	5,845
103+13.529	10313.53	13.53	110.23	16.00	0.00	55	8	0	6,909	13	5,892
103+65.119	10365.12	51.59	117.91	16.00	0.00	218	31	0	7,127	13	6,079
103+89.918	10389.92	24.80	115.16	16.00	0.00	107	15	0	7,234	13	6,171
104+00	10400.00	10.08	114.05	16.00	0.00	43	6	0	7,277	13	6,208
104+15.119	10415.12	15.12	109.05	16.00	0.00	62	9	0	7,339	13	6,261
105+00	10500.00	84.88	114.48	16.00	0.15	351	50	0	7,690	13	6,562
105+39.37	10539.37	39.37	120.16	16.00	6.36	171	23	5	7,861	19	6,703

STH 16 EB (STH 19 TO GOPHER HILL) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	INCREMENTAL VOL (CY) (UNADJUSTED) CUT	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL	INCREMENTAL VOL (CY) (UNADJUSTED) FILL	CUMULATIVE VOL (CY) CUT 1.00	CUMULATIVE VOL (CY) EXPANDED FILL 1.25	CUMULATIVE VOL (CY) MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
107+11.84	10711.84	0.00	143.65	12.00	2.66	0	0	0	0	0	0
107+37.181	10737.18	25.34	145.40	12.00	19.70	136	11	10	136	13	113
107+99.066	10799.07	61.89	111.28	12.00	0.00	294	28	23	430	41	350
108+50	10850.00	50.93	119.23	12.00	0.00	217	23	0	647	41	544
109+00	10900.00	50.00	122.42	12.00	0.00	224	22	0	871	41	746
109+17.442	10917.44	17.44	121.78	12.00	0.00	79	8	0	950	41	817
110+00	11000.00	82.56	114.31	12.00	0.00	361	37	0	1,311	41	1,141
111+00	11100.00	100.00	135.65	12.00	0.00	463	44	0	1,774	41	1,560
112+00	11200.00	100.00	191.82	12.00	0.91	606	44	2	2,380	44	2,119
113+00	11300.00	100.00	90.47	12.00	0.00	523	44	2	2,903	46	2,596
113+50	11350.00	50.00	88.36	12.00	0.00	166	22	0	3,069	46	2,740
114+00	11400.00	50.00	90.96	12.00	0.00	166	22	0	3,235	46	2,884
114+30	11430.00	30.00	92.56	12.00	0.00	102	13	0	3,337	46	2,973
115+00	11500.00	70.00	90.71	12.00	0.00	238	31	0	3,575	46	3,180
115+85.517	11585.52	85.52	90.37	12.00	0.00	287	38	0	3,862	46	3,429
115+86.507	11586.51	0.99	143.52	12.00	3.39	4	0	0	3,866	46	3,433
116+00	11600.00	13.49	143.27	12.00	3.34	72	6	2	3,938	49	3,496
116+00.778	11600.78	0.78	143.33	12.00	3.26	4	0	0	3,942	49	3,500
116+24.514	11624.51	23.74	140.97	12.00	2.82	125	11	3	4,067	53	3,611
116+51.648	11651.65	27.13	138.26	12.00	3.29	140	12	3	4,207	56	3,735
117+00	11700.00	48.35	132.21	12.00	3.07	242	21	6	4,449	64	3,948
117+30.264	11730.26	30.26	130.36	12.00	4.03	147	13	4	4,596	69	4,077
118+00	11800.00	69.74	131.65	12.00	0.24	338	31	6	4,934	76	4,377
118+50	11850.00	50.00	135.44	12.00	0.75	247	22	1	5,181	78	4,601
119+00	11900.00	50.00	130.78	12.00	3.29	247	22	4	5,428	83	4,821
120+00	12000.00	100.00	131.19	12.00	0.57	485	44	7	5,913	91	5,253
121+00	12100.00	100.00	128.80	12.00	0.10	481	44	1	6,394	93	5,689
121+21.085	12121.09	21.09	127.91	12.00	0.00	100	9	0	6,494	93	5,780
122+00	12200.00	78.91	138.17	12.00	0.00	389	35	0	6,883	93	6,134
122+29	12229.00	29.00	130.02	12.00	0.00	144	13	0	7,027	93	6,265
122+37.69	12237.69	8.69	129.44	12.00	0.10	42	4	0	7,069	93	6,303
122+53.25	12253.25	15.56	131.81	12.00	1.26	75	7	0	7,144	93	6,371
122+77.66	12277.66	24.41	125.58	12.00	0.00	116	11	1	7,260	94	6,474
122+90.01	12290.01	12.35	118.44	12.00	0.00	56	5	0	7,316	94	6,525
123+00	12300.00	9.99	116.42	12.00	1.23	43	4	0	7,359	94	6,564
123+03.345	12303.35	3.35	115.60	12.00	0.86	14	1	0	7,373	94	6,577
124+00	12400.00	96.65	104.88	12.00	0.07	395	43	2	7,768	96	6,927
125+00	12500.00	100.00	95.25	12.00	4.88	371	44	9	8,139	108	7,243
125+50	12550.00	50.00	91.07	12.00	11.82	173	22	15	8,312	126	7,375
125+61.84	12561.84	11.84	91.87	12.00	7.69	40	5	4	8,352	131	7,405
126+00	12600.00	38.16	96.07	12.00	2.44	133	17	7	8,485	140	7,512
126+07.842	12607.84	7.84	98.87	12.00	1.39	28	3	1	8,513	141	7,536
126+59.004	12659.00	51.16	136.20	12.00	0.00	223	23	1	8,736	143	7,735
127+00	12700.00	41.00	169.87	12.00	0.00	232	18	0	8,968	143	7,949
127+10.167	12710.17	10.17	169.52	12.00	0.01	64	5	0	9,032	143	8,008
127+32.341	12732.34	22.17	173.92	12.00	0.23	141	10	0	9,173	143	8,139
127+61.33	12761.33	28.99	142.03	12.00	1.18	170	13	1	9,343	144	8,294
127+69.004	12769.00	7.67	131.01	12.00	1.64	39	3	0	9,382	144	8,330
128+00	12800.00	31.00	125.54	12.00	0.48	147	14	1	9,529	145	8,462
128+03.891	12803.89	3.89	126.45	12.00	0.43	18	2	0	9,547	145	8,478
128+28.657	12828.66	24.77	129.34	12.00	1.05	117	11	1	9,664	146	8,583
128+53.394	12853.39	24.74	136.27	12.00	7.28	122	11	4	9,786	151	8,689
129+00	12900.00	46.61	131.36	12.00	0.89	231	21	7	10,017	160	8,890
129+28.41	12928.41	28.41	123.62	12.00	0.19	134	13	1	10,151	161	9,010
129+44.957	12944.96	16.55	121.30	12.00	0.02	75	7	0	10,226	161	9,078
130+00	13000.00	55.04	117.25	12.00	0.02	243	24	0	10,469	161	9,297
130+50	13050.00	50.00	107.19	12.00	0.00	208	22	0	10,677	161	9,483
131+00	13100.00	50.00	94.22	12.00	0.45	186	22	0	10,863	161	9,647
131+20.91	13120.91	20.91	88.16	12.00	1.12	71	9	1	10,934	163	9,708
131+28.585	13128.58	7.67	88.35	12.00	1.33	25	3	0	10,959	163	9,730
131+57.573	13157.57	28.99	88.02	12.00	2.48	95	13	2	11,054	165	9,809
131+79.748	13179.75	22.17	88.83	12.00	2.85	73	10	2	11,127	168	9,870
131+90	13190.00	10.25	94.10	12.00	2.32	35	5	1	11,162	169	9,898
132+00	13200.00	10.00	96.43	12.00	1.92	35	4	1	11,197	170	9,928
132+30.91	13230.91	30.91	101.25	12.00	0.46	113	14	1	11,310	171	10,026
132+37.746	13237.75	6.84	103.17	12.00	0.00	26	3	0	11,336	171	10,049
132+52.5	13252.50	14.75	133.40	12.00	0.00	65	7	0	11,401	171	10,107
132+81.91	13281.91	29.41	129.34	12.00	0.00	143	13	0	11,544	171	10,237
133+00	13300.00	18.09	124.00	12.00	0.00	85	8	0	11,629	171	10,314
133+70.316	13370.32	70.32	95.76	12.00	0.00	286	31	0	11,915	171	10,569

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	=(CUT-SALVAGED PAVT-(FILL)*FILL FACTOR)

9

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PROJECT NO: 1370-00-73 | HWY: STH 16 | COUNTY: JEFFERSON | EARTHWORK DATA | SHEET 433 | E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 01

PLOT DATE : 8/29/2024 2:34 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1" = 1'

STH 16 EB (STH 19 TO GOPHER HILL) EARTHWORK SUMMARY CONTINUED

STATION	REAL STATION	DISTANCE	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	INCREMENTAL VOL (CY) (UNADJUSTED) CUT	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL	INCREMENTAL VOL (CY) (UNADJUSTED) FILL	CUMULATIVE VOL (CY) CUT 1.00	CUMULATIVE VOL (CY) EXPANDED FILL 1.25	CUMULATIVE VOL (CY) MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
133+80.48	13380.48	10.16	94.44	12.00	0.00	36	5	0	11,951	171	10,600
133+90.647	13390.65	10.17	93.59	12.00	0.00	35	5	0	11,986	171	10,630
134+00	13400.00	9.35	93.04	12.00	0.00	32	4	0	12,018	171	10,658
134+67.5	13467.50	67.50	85.19	12.00	0.00	223	30	0	12,241	171	10,851
135+00	13500.00	32.50	80.46	12.00	0.00	100	14	0	12,341	171	10,937
135+21.106	13521.11	21.11	92.20	12.00	0.00	67	9	0	12,408	171	10,995
135+66.026	13566.03	44.92	75.27	12.00	0.00	139	20	0	12,547	171	11,114
135+87.777	13587.78	21.75	72.41	12.00	0.00	59	10	0	12,606	171	11,163
136+00	13600.00	12.22	72.10	12.00	0.00	33	5	0	12,639	171	11,191
136+05.57	13605.57	5.57	72.20	12.00	0.00	15	2	0	12,654	171	11,204
136+50	13650.00	44.43	72.34	12.00	0.00	119	20	0	12,773	171	11,303
137+00	13700.00	50.00	72.14	12.00	0.00	134	22	0	12,907	171	11,415
137+41.406	13741.41	41.41	69.53	12.00	0.00	109	18	0	13,016	171	11,506
137+51.57	13751.57	10.16	67.38	12.00	0.00	26	5	0	13,042	171	11,527
137+61.737	13761.74	10.17	65.85	12.00	0.00	25	5	0	13,067	171	11,547
137+61.737	13761.74	0.00	0.00	12.00	0.00	0	0	0	13,067	171	11,547
138+00	13800.00	38.26	144.90	12.00	0.00	103	17	0	13,170	171	11,633
138+05.655	13805.66	5.66	145.34	12.00	0.00	30	3	0	13,200	171	11,660
138+68.06	13868.06	62.41	144.82	12.00	0.00	335	28	0	13,535	171	11,967
139+00	13900.00	31.94	139.59	12.00	0.00	168	14	0	13,703	171	12,121
139+18.02	13918.02	18.02	134.13	12.00	0.00	91	8	0	13,794	171	12,204
140+00	14000.00	81.98	136.99	12.00	0.00	412	36	0	14,206	171	12,580
141+00	14100.00	100.00	135.60	12.00	0.00	505	44	0	14,711	171	13,041
141+50	14150.00	50.00	136.68	12.00	0.00	252	22	0	14,963	171	13,271
142+00	14200.00	50.00	137.00	12.00	0.00	253	22	0	15,216	171	13,502
143+00	14300.00	100.00	140.63	12.00	0.00	514	44	0	15,730	171	13,972

STH 16 (GOPHER HILL TO HILLTOP) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	INCREMENTAL VOL (CY) (UNADJUSTED) CUT	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL	INCREMENTAL VOL (CY) (UNADJUSTED) FILL	CUMULATIVE VOL (CY) CUT 1.00	CUMULATIVE VOL (CY) EXPANDED FILL 1.25	CUMULATIVE VOL (CY) MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
144+00	14400.00	0.00	138.10	17.00	0.00	0	0	0	0	0	0
145+00	14500.00	100.00	136.39	17.00	0.00	508	63	0	508	0	445
146+00	14600.00	100.00	132.96	17.00	0.00	499	63	0	1,007	0	881
146+50	14650.00	50.00	132.24	17.00	0.00	246	31	0	1,253	0	1,096
147+00	14700.00	50.00	131.93	17.00	0.00	245	31	0	1,498	0	1,310
148+00	14800.00	100.00	128.85	17.00	0.00	483	63	0	1,981	0	1,730
149+00	14900.00	100.00	128.16	17.00	0.00	476	63	0	2,457	0	2,143
150+00	15000.00	100.00	129.65	17.00	0.00	477	63	0	2,934	0	2,557
151+00	15100.00	100.00	125.30	17.00	0.00	472	63	0	3,406	0	2,966
151+50	15150.00	50.00	125.95	17.00	0.00	233	31	0	3,639	0	3,168
152+00	15200.00	50.00	127.37	17.00	0.00	235	31	0	3,874	0	3,372
153+00	15300.00	100.00	132.25	17.00	0.00	481	63	0	4,355	0	3,790
154+00	15400.00	100.00	134.31	17.00	0.00	494	63	0	4,849	0	4,221
155+00	15500.00	100.00	136.95	17.00	0.00	502	63	0	5,351	0	4,660
156+00	15600.00	100.00	134.71	17.00	0.00	503	63	0	5,854	0	5,100
156+50	15650.00	50.00	130.79	17.00	0.00	246	31	0	6,100	0	5,315
157+00	15700.00	50.00	127.72	17.00	0.00	239	31	0	6,339	0	5,523
158+00	15800.00	100.00	126.31	17.00	0.00	470	63	0	6,809	0	5,930
159+00	15900.00	100.00	125.27	17.00	0.00	466	63	0	7,275	0	6,333
160+00	16000.00	100.00	122.75	17.00	0.00	459	63	0	7,734	0	6,729
161+00	16100.00	100.00	119.22	17.00	0.00	448	63	0	8,182	0	7,114
161+50	16150.00	50.00	118.16	17.00	0.00	220	31	0	8,402	0	7,303
162+00	16200.00	50.00	120.28	17.00	0.00	221	31	0	8,623	0	7,493
163+00	16300.00	100.00	120.79	17.00	0.00	446	63	0	9,069	0	7,876
164+00	16400.00	100.00	118.71	17.00	0.00	444	63	0	9,513	0	8,257
165+00	16500.00	100.00	118.22	17.00	0.00	439	63	0	9,952	0	8,633
166+00	16600.00	100.00	122.09	17.00	0.00	445	63	0	10,397	0	9,015
166+50	16650.00	50.00	124.36	17.00	0.00	228	31	0	10,625	0	9,212
167+00	16700.00	50.00	125.64	17.00	0.00	231	31	0	10,856	0	9,412
168+00	16800.00	100.00	123.88	17.00	0.00	462	63	0	11,318	0	9,811
169+00	16900.00	100.00	118.13	17.00	0.00	448	63	0	11,766	0	10,196
170+00	17000.00	100.00	119.59	17.00	0.00	440	63	0	12,206	0	10,573
171+00	17100.00	100.00	117.24	17.00	0.00	439	63	0	12,645	0	10,949
171+50	17150.00	50.00	118.29	17.00	0.00	218	31	0	12,863	0	11,136
172+00	17200.00	50.00	118.67	17.00	0.00	219	31	0	13,082	0	11,324
173+00	17300.00	100.00	117.03	17.00	0.00	436	63	0	13,518	0	11,697
174+00	17400.00	100.00	113.72	17.00	0.00	427	63	0	13,945	0	12,061
175+00	17500.00	100.00	113.88	17.00	0.00	421	63	0	14,366	0	12,419
176+00	17600.00	100.00	115.58	17.00	0.00	425	63	0	14,791	0	12,781
176+50	17650.00	50.00	114.35	17.00	0.00	213	31	0	15,004	0	12,963
177+00	17700.00	50.00	114.98	17.00	0.00	212	31	0	15,216	0	13,144
178+00	17800.00	100.00	118.99	17.00	0.00	433	63	0	15,649	0	13,514
179+00	17900.00	100.00	123.98	17.00	1.99	450	63	4	16,099	5	13,896
180+00	18000.00	100.00	130.99	17.00	4.10	472	63	11	16,571	19	14,291
180+49.878	18049.88	49.88	131.84	17.00	5.15	243	31	9	16,814	30	14,492
180+84.359	18084.36	34.48	138.99	17.00	8.56	173	22	9	16,987	41	14,632
181+00	18100.00	15.64	140.45	17.00	9.36	81	10	5	17,068	48	14,697
181+01.816	18101.82	1.82	132.39	17.00	4.62	9	1	0	17,077	48	14,705
181+29.265	18129.26	27.45	133.89	17.00	1.76	135	17	3	17,212	51	14,819
181+29.679	18129.68	0.41	123.82	17.00	0.00	2	0	0	17,214	51	14,821
182+00	18200.00	70.32	129.87	17.00	0.00	330	44	0	17,544	51	15,107
182+24.851	18224.85	24.85	130.21	17.00	0.00	120	16	0	17,664	51	15,211
182+25	18225.00	0.15	140.26	17.00	1.61	1	0	0	17,665	51	15,212
182+61.432	18261.43	36.43	136.91	17.00	1.22	187	23	2	17,852	54	15,373
182+61.455	18261.45	0.02	144.75	17.00	1.22	0	0	0	17,852	54	15,373
182+81.666	18281.67	20.21	143.18	17.00	1.45	108	13	1	17,960	55	15,467
183+00	18300.00	18.33	138.08	17.00	1.82	95	12	1	18,055	56	15,549
183+15	18315.00	15.00	132.99	17.00	1.74	75	9	1	18,130	58	15,614
184+00	18400.00	85.00	135.84	17.00	1.18	423	54	5	18,553	64	15,976
184+75	18475.00	75.00	134.23	17.00	0.00	375	47	2	18,928	66	16,302
185+00	18500.00	25.00	133.19	17.00	0.00	124	16	0	19,052	66	16,410
186+00	18600.00	100.00	135.75	17.00	0.00	498	63	0	19,550	66	16,845
187+00	18700.00	100.00	134.53	17.00	0.00	501	63	0	20,051	66	17,283
188+00	18800.00	100.00	125.84	17.00	0.00	482	63	0	20,533	66	17,702
189+00	18900.00	100.00	121.51	17.00	0.00	458	63	0	20,991	66	18,097
189+50	18950.00	50.00	121.58	17.00	0.00	225	31	0	21,216	66	18,291
190+00	19000.00	50.00	120.61	17.00	0.00	224	31	0	21,440	66	18,484

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	=(CUT-SALVAGED PAVT-(FILL)*FILL FACTOR)

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PROJECT NO: 1370-00-73 | HWY: STH 16 | COUNTY: JEFFERSON | EARTHWORK DATA | SHEET 434 | E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 02

PLOT DATE : 8/29/2024 2:34 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1" = 1'

STH 16 (GOPHER HILL TO HILLTOP) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	INCREMENTAL VOL (CY) (UNADJUSTED) CUT	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL	INCREMENTAL VOL (CY) (UNADJUSTED) FILL	CUMULATIVE VOL (CY) CUT 1.00	CUMULATIVE VOL (CY) EXPANDED FILL 1.25	CUMULATIVE VOL (CY) MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
191+00	19100.00	100.00	123.58	17.00	0.00	452	63	0	21,892	66	18,873
192+00	19200.00	100.00	123.36	17.00	0.00	457	63	0	22,349	66	19,267
193+00	19300.00	100.00	119.80	17.00	0.00	450	63	0	22,799	66	19,654
193+50	19350.00	50.00	118.61	17.00	0.00	221	31	0	23,020	66	19,844
194+00	19400.00	50.00	117.19	17.00	0.00	218	31	0	23,238	66	20,031
195+00	19500.00	100.00	119.99	17.00	0.00	439	63	0	23,677	66	20,407
195+13.745	19513.74	13.74	120.07	17.00	0.00	61	9	0	23,738	66	20,459
196+00	19600.00	86.26	121.63	17.00	0.00	386	54	0	24,124	66	20,791
197+00	19700.00	100.00	122.36	17.00	0.00	452	63	0	24,576	66	21,180
198+00	19800.00	100.00	123.78	17.00	0.00	456	63	0	25,032	66	21,573
198+25	19825.00	25.00	126.48	17.00	0.47	116	16	0	25,148	66	21,673
198+50	19850.00	25.00	123.04	17.00	0.65	116	16	1	25,264	68	21,772
199+00	19900.00	50.00	124.79	17.00	1.34	229	31	2	25,493	70	21,967
199+75	19975.00	75.00	129.56	17.00	0.37	353	47	2	25,846	73	22,271
200+00	20000.00	25.00	131.25	17.00	0.00	121	16	0	25,967	73	22,376
200+03.56	20003.56	3.56	132.05	17.00	0.10	17	2	0	25,984	73	22,391
200+75	20075.00	71.44	139.88	17.00	0.00	360	45	0	26,344	73	22,706
201+00	20100.00	25.00	147.39	17.00	0.03	133	16	0	26,477	73	22,823
201+20	20120.00	20.00	148.04	17.00	0.53	109	13	0	26,586	73	22,919
201+50	20150.00	30.00	132.18	17.00	0.00	156	19	0	26,742	73	23,056
202+00	20200.00	50.00	126.76	17.00	0.00	240	31	0	26,982	73	23,265
202+48.843	20248.84	48.84	125.98	17.00	0.00	229	31	0	27,211	73	23,463
202+75	20275.00	26.16	130.47	17.00	1.48	124	16	1	27,335	74	23,569
202+81.97	20281.97	6.97	131.87	17.00	1.92	34	4	0	27,369	74	23,599
203+00	20300.00	18.03	135.02	17.00	0.39	89	11	1	27,458	75	23,676
203+02.012	20302.01	2.01	125.12	17.00	0.01	10	1	0	27,468	75	23,685
203+50	20350.00	47.99	125.18	17.00	0.00	222	30	0	27,690	75	23,877
204+00	20400.00	50.00	127.33	17.00	0.00	234	31	0	27,924	75	24,080
204+20	20420.00	20.00	123.72	17.00	0.05	93	13	0	28,017	75	24,160
204+30	20430.00	10.00	125.57	17.00	0.00	46	6	0	28,063	75	24,200
204+30.53	20430.53	0.53	136.42	17.00	7.90	3	0	0	28,066	75	24,203
205+00	20500.00	69.47	127.08	17.00	3.75	339	44	15	28,405	94	24,479
206+00	20600.00	100.00	121.16	17.00	6.98	460	63	20	28,865	119	24,851
207+00	20700.00	100.00	117.82	17.00	0.00	443	63	13	29,308	135	25,215
208+00	20800.00	100.00	116.47	17.00	0.00	434	63	0	29,742	135	25,586
208+50	20850.00	50.00	118.34	17.00	0.00	217	31	0	29,959	135	25,772
209+00	20900.00	50.00	121.44	17.00	0.00	222	31	0	30,181	135	25,963
210+00	21000.00	100.00	118.78	17.00	0.00	445	63	0	30,626	135	26,345
211+00	21100.00	100.00	116.00	17.00	0.00	435	63	0	31,061	135	26,717
212+00	21200.00	100.00	110.52	17.00	0.00	419	63	0	31,480	135	27,073
213+00	21300.00	100.00	110.12	17.00	0.00	409	63	0	31,889	135	27,419
213+50	21350.00	50.00	107.72	17.00	0.00	202	31	0	32,091	135	27,590
214+00	21400.00	50.00	105.73	17.00	0.00	198	31	0	32,289	135	27,757
215+00	21500.00	100.00	107.74	17.00	0.00	395	63	0	32,684	135	28,089
216+00	21600.00	100.00	116.49	17.00	0.00	415	63	0	33,099	135	28,441
217+00	21700.00	100.00	126.95	17.00	0.00	451	63	0	33,550	135	28,829
218+00	21800.00	100.00	127.28	17.00	0.00	471	63	0	34,021	135	29,237
218+50	21850.00	50.00	123.01	17.00	0.00	232	31	0	34,253	135	29,438
219+00	21900.00	50.00	123.14	17.00	0.00	228	31	0	34,481	135	29,635
220+00	22000.00	100.00	123.38	17.00	0.00	457	63	0	34,938	135	30,029
221+00	22100.00	100.00	130.89	17.00	0.00	471	63	0	35,409	135	30,437
222+00	22200.00	100.00	134.14	17.00	0.05	491	63	0	35,900	135	30,865
223+00	22300.00	100.00	133.57	17.00	0.00	496	63	0	36,396	135	31,298
223+50	22350.00	50.00	137.15	17.00	0.00	251	31	0	36,647	135	31,518
224+00	22400.00	50.00	136.39	17.00	0.00	253	31	0	36,900	135	31,740
224+50	22450.00	50.00	134.60	17.00	0.00	251	31	0	37,151	135	31,960
225+00	22500.00	50.00	134.97	17.00	0.00	250	31	0	37,401	135	32,179
225+75	22575.00	75.00	130.18	17.00	1.14	368	47	2	37,769	138	32,498
226+00	22600.00	25.00	128.83	17.00	1.10	120	16	1	37,889	139	32,600
227+00	22700.00	100.00	124.04	17.00	0.93	468	63	4	38,357	144	33,000
228+00	22800.00	100.00	126.81	17.00	0.53	465	63	3	38,822	148	33,399
228+50	22850.00	50.00	124.06	17.00	0.16	232	31	1	39,054	149	33,598
229+00	22900.00	50.00	122.34	17.00	0.00	228	31	0	39,282	149	33,795
230+00	23000.00	100.00	117.47	17.00	0.00	444	63	0	39,726	149	34,176
231+00	23100.00	100.00	115.30	17.00	0.00	431	63	0	40,157	149	34,544
232+00	23200.00	100.00	118.38	17.00	0.00	433	63	0	40,590	149	34,914
233+00	23300.00	100.00	116.19	17.00	0.00	434	63	0	41,024	149	35,285

STH 16 (GOPHER HILL TO HILLTOP) EARTHWORK SUMMARY CONTINUED

STATION	REAL STATION	DISTANCE	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	INCREMENTAL VOL (CY) (UNADJUSTED) CUT	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL	INCREMENTAL VOL (CY) (UNADJUSTED) FILL	CUMULATIVE VOL (CY) CUT 1.00	CUMULATIVE VOL (CY) EXPANDED FILL 1.25	CUMULATIVE VOL (CY) MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
233+25	23325.00	25.00	114.18	17.00	1.16	107	16	1	41,131	150	35,375
233+50	23350.00	25.00	117.09	17.00	0.00	107	16	1	41,238	151	35,465
234+00	23400.00	50.00	121.28	17.00	0.00	221	31	0	41,459	151	35,655
235+00	23500.00	100.00	122.50	17.00	0.00	451	63	0	41,910	151	36,043
236+00	23600.00	100.00	128.24	17.00	0.00	464	63	0	42,374	151	36,444
236+75	23675.00	75.00	129.77	17.00	0.00	358	47	0	42,732	151	36,755
237+00	23700.00	25.00	128.81	17.00	0.00	120	16	0	42,852	151	36,859
238+00	23800.00	100.00	125.32	17.00	0.00	471	63	0	43,323	151	37,267
238+50	23850.00	50.00	126.56	17.00	0.00	233	31	0	43,556	151	37,469
239+00	23900.00	50.00	129.28	17.00	0.00	237	31	0	43,793	151	37,675
240+00	24000.00	100.00	136.12	17.00	3.46	491	63	6	44,284	159	38,095
241+00	24100.00	100.00	132.27	17.00	7.94	497	63	21	44,781	185	38,503
241+75	24175.00	75.00	159.35	17.00	13.53	405	47	30	45,186	223	38,824
242+00	24200.00	25.00	138.80	17.00	11.78	138	16	12	45,324	238	38,931
242+22.103	24222.10	22.10	135.84	17.00	9.91	112	14	9	45,436	249	39,017
242+55.436	24255.44	33.33	145.80	17.00	3.26	174	21	8	45,610	259	39,160
242+64.619	24264.62	9.18	147.96	17.00	0.00	50	6	1	45,660	260	39,203
242+75.66	24275.66	11.04	124.05	17.00	0.00	56	7	0	45,716	260	39,252
243+00	24300.00	24.34	124.23	17.00	0.00	112	15	0	45,828	260	39,349
243+88.237	24388.24	88.24	120.43	17.00	0.00	400	56	0	46,228	260	39,693
244+00	24400.00	11.76	126.67	17.00	13.15	54	7	3	46,282	264	39,736
244+02.347	24402.35	2.35	137.03	17.00	109.39	11	1	5	46,293	270	39,740
244+08.47	24408.47	6.12	132.84	17.00	65.68	31	4	20	46,324	295	39,742
244+41.804	24441.80	33.33	114.94	17.00	52.22	153	21	73	46,477	386	39,783
245+00	24500.00	58.20	107.14	17.00	40.02	239	37	99	46,716	510	39,861
245+50	24550.00	50.00	107.32	17.00	23.77	199	31	59	46,915	584	39,955
246+00	24600.00	50.00	109.25	17.00	4.14	201	31	26	47,116	616	40,093
247+00	24700.00	100.00	116.73	17.00	5.76	418	63	18	47,534	639	40,425
247+64.931	24764.93	64.93	119.77	17.00	0.41	284	41	7	47,818	648	40,660
248+00	24800.00	35.07	120.43	17.00	0.00	156	22	0	47,974	648	40,794
249+00	24900.00	100.00	129.27	17.00	0.00	462	63	0	48,436	648	41,193
250+00	25000.00	100.00	127.34	17.00	0.00	475	63	0	48,911	648	41,605
250+50	25050.00	50.00	130.33	17.00	0.06	239	31	0	49,150	648	41,813
251+00	25100.00	50.00	136.54	17.00	0.00	247	31	0	49,397	648	42,029
252+00	25200.00	100.00	130.74	17.00	0.00	495	63	0	49,892	648	42,461
253+00	25300.00	100.00	121.57	17.00	0.00	467	63	0	50,359	648	42,865
254+00	25400.00	100.00	121.01	17.00	0.00	449	63	0	50,808	648	43,251
255+00	25500.00	100.00	117.38	17.00	0.00	441	63	0	51,249	648	43,629
255+50	25550.00	50.00	115.35	17.00	0.00	215	31	0	51,464	648	43,813
256+00	25600.00	50.00	115.20	17.00	0.00	213	31	0	51,677	648	43,995
257+00	25700.00	100.00	116.74	17.00	0.00	430	63	0	52,107	648	44,362
258+00	25800.00	100.00	113.74	17.00	0.00	427	63	0	52,534	648	44,726
259+00	25900.00	100.00	112.30	17.00	0.00	419	63	0	52,953	648	45,082
260+00	26000.00	100.00	114.83	17.00	0.00	421	63	0	53,374	648	45,440
260+50	26050.00	50.00	117.48	17.00	0.00	215	31	0	53,589	648	45,624
261+00	26100.00	50.00	118.79	17.00	0.00	219	31	0	53,808	648	45,812
262+00	26200.00	100.00	121.55	17.00	0.00	445	63	0	54,253	648	46,194
263+00	26300.00	100.00	122.77	17.00	0.00	452	63	0	54,705	648	46,583
263+50	26350.00	50.00	128.51	17.00	0.00	233	31	0	54,938	648	46,785
263+75	26375.00	25.00	133.89	17.00	0.00	121	16	0	55,059	648	46,890
264+00	26400.00	25.00	132.36	17.00	0.00	123	16	0	55,182	648	46,997
265+00	26500.00	100.00	132.55	17.00	0.00	491	63	0	55,673	648	47,425
265+16.102	26516.10	16.10	132.24	17.00	0.00	79	10	0	55,752	648	47,494
265+49.435	26549.44	33.33	139.90	17.00	3.51	168	21	2	55,920	650	47,638
265+69.649	26569.65	20.21	142.73	17.00	5.01	106	13	3	56,026	654	47,727
265+69.659	26569.66	0.01	139.37	17.00	0.00	0	0	0	56,026	654	47,727
266+00	26600.00	30.34	138.51	17.00	0.00	156	19	0	56,182	654	47,864
266+87.5	26687.50	87.50	137.73	17.00	0.00	448	55	0	56,630	654	48,257
266+87.627	26687.63	0.13	145.49	17.00	5.53	1	0	0	56,631	654	48,258
267+00	26700.00	12.37	145.62	17.00	5.55	67	8	3	56,698	658	48,314
267+50	26750.00	50.00	147.30	17.00	3.38	271	31	8	56,969	668	48,544
268+00	26800.00	50.00	133.57	17.00	3.35	260	31	6	57,229	675	48,765
268+50	26850.00	50.00	130.77	17.00	1.86	245	31	5	57,474	681	48,973
269+00	26900.00	50.00	126.26	17.00	1.14	238	31	3	57,712	685	49,176
270+00	27000.00	100.00	123.75	17.00	0.00	463	63	2	58,175	688	49,574
271+00	27100.00	100.00	121.77	17.00	0.00	455	63	0	58,630	688	49,966
272+00	27200.00	100.00	123.85	17.00	0.00	455	63	0	59,085	688	50,358

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	=(CUT-SALVAGED PAVT-(FILL)*FILL FACTOR)

STH 16 (GOPHER HILL TO HILLTOP) EARTHWORK SUMMARY CONTINUED

STATION	REAL STATION	DISTANCE	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	INCREMENTAL VOL (CY) (UNADJUSTED) CUT	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL	INCREMENTAL VOL (CY) (UNADJUSTED) FILL	CUMULATIVE VOL (CY) CUT 1.00	CUMULATIVE VOL (CY) EXPANDED FILL 1.25	CUMULATIVE VOL (CY) MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
273+00	27300.00	100.00	126.50	17.00	0.00	464	63	0	59,549	688	50,759
273+50	27350.00	50.00	122.74	17.00	0.00	231	31	0	59,780	688	50,959
274+00	27400.00	50.00	123.12	17.00	0.00	228	31	0	60,008	688	51,156
275+00	27500.00	100.00	124.74	17.00	0.00	459	63	0	60,467	688	51,552
276+00	27600.00	100.00	131.78	17.00	0.00	475	63	0	60,942	688	51,964
277+00	27700.00	100.00	145.05	17.00	0.00	513	63	0	61,455	688	52,414
278+00	27800.00	100.00	147.33	17.00	0.00	541	63	0	61,996	688	52,892
278+50	27850.00	50.00	147.09	17.00	0.00	273	31	0	62,269	688	53,134
279+00	27900.00	50.00	140.47	17.00	0.00	266	31	0	62,535	688	53,369
280+00	28000.00	100.00	137.34	17.00	0.00	514	63	0	63,049	688	53,820
281+00	28100.00	100.00	137.12	17.00	0.00	508	63	0	63,557	688	54,265
282+00	28200.00	100.00	132.97	17.00	0.00	500	63	0	64,057	688	54,702
283+00	28300.00	100.00	130.66	17.00	0.00	488	63	0	64,545	688	55,127
283+50	28350.00	50.00	124.50	17.00	0.00	236	31	0	64,781	688	55,332
284+00	28400.00	50.00	121.65	17.00	0.00	228	31	0	65,009	688	55,529
285+00	28500.00	100.00	122.10	17.00	0.00	451	63	0	65,460	688	55,917
285+89.197	28589.20	89.20	122.52	17.00	0.00	404	56	0	65,864	688	56,265
286+00	28600.00	10.80	123.33	17.00	0.00	49	7	0	65,913	688	56,307
287+00	28700.00	100.00	129.12	17.00	0.97	468	63	2	66,381	690	56,709
287+51.947	28751.95	51.95	137.84	17.00	4.54	257	33	5	66,638	696	56,927
287+89.842	28789.84	37.90	146.95	17.00	5.52	200	24	7	66,838	705	57,094
288+00	28800.00	10.16	150.47	17.00	4.59	56	6	2	66,894	708	57,142
288+24.776	28824.78	24.78	158.53	17.00	3.99	142	16	4	67,036	713	57,263
288+44.999	28845.00	20.22	163.32	17.00	3.03	121	13	3	67,157	716	57,367
288+50	28850.00	5.00	150.98	17.00	2.24	29	3	0	67,186	716	57,393
289+00	28900.00	50.00	157.36	17.00	1.02	285	31	3	67,471	720	57,643
289+80.353	28980.35	80.35	160.18	17.00	0.00	472	51	2	67,943	723	58,062
289+80.373	28980.37	0.02	166.84	17.00	0.02	0	0	0	67,943	723	58,062
290+00	29000.00	19.63	168.10	17.00	0.05	122	12	0	68,065	723	58,172
290+02.039	29002.04	2.04	168.12	17.00	0.01	13	1	0	68,078	723	58,184
291+00	29100.00	97.96	157.62	17.00	7.31	591	62	13	68,669	739	58,696
292+00	29200.00	100.00	150.85	17.00	2.95	571	63	19	69,240	763	59,181
292+06.62	29206.62	6.62	150.46	17.00	3.35	37	4	1	69,277	764	59,212
292+44.139	29244.14	37.52	142.30	17.00	2.31	203	24	4	69,480	769	59,386
292+57.62	29257.62	13.48	138.77	17.00	2.77	70	8	1	69,550	770	59,447
292+80.702	29280.70	23.08	133.66	17.00	3.53	116	15	3	69,666	774	59,544
292+91.622	29291.62	10.92	131.16	17.00	2.89	54	7	1	69,720	775	59,590
293+00	29300.00	8.38	129.56	17.00	1.94	40	5	1	69,760	776	59,624
293+08.621	29308.62	8.62	127.67	17.00	0.25	41	5	0	69,801	776	59,660
293+43.486	29343.49	34.87	123.94	17.00	0.00	162	22	0	69,963	776	59,800
293+50	29350.00	6.51	123.64	17.00	0.00	30	4	0	69,993	776	59,826
294+00	29400.00	50.00	123.84	17.00	0.00	229	31	0	70,222	776	60,024
295+00	29500.00	100.00	128.91	17.00	0.00	468	63	0	70,690	776	60,429
295+75.406	29575.41	75.41	133.32	17.00	0.00	366	47	0	71,056	776	60,748
296+00	29600.00	24.59	133.30	17.00	0.00	121	15	0	71,177	776	60,854
296+75	29675.00	75.00	143.39	17.00	2.88	384	47	4	71,561	781	61,186
297+00	29700.00	25.00	141.42	17.00	0.01	132	16	1	71,693	783	61,301
297+75	29775.00	75.00	133.21	17.00	0.00	381	47	0	72,074	783	61,635
298+00	29800.00	25.00	133.75	17.00	0.00	124	16	0	72,198	783	61,743
298+42.191	29842.19	42.19	138.20	17.00	0.00	212	27	0	72,410	783	61,928
298+49.997	29850.00	7.81	141.81	17.00	0.00	40	5	0	72,450	783	61,963
298+59.19	29859.19	9.19	141.43	17.00	0.00	48	6	0	72,498	783	62,005
298+93.749	29893.75	34.56	149.44	17.00	0.00	186	22	0	72,684	783	62,169
299+00	29900.00	6.25	151.41	17.00	0.00	35	4	0	72,719	783	62,200
299+44.191	29944.19	44.19	160.92	17.00	0.00	256	28	0	72,975	783	62,428
299+50	29950.00	5.81	160.25	17.00	0.00	35	4	0	73,010	783	62,459
300+00	30000.00	50.00	160.74	17.00	0.00	297	31	0	73,307	783	62,725
300+25	30025.00	25.00	161.94	17.00	0.00	149	16	0	73,456	783	62,858
301+00	30100.00	75.00	164.31	17.00	0.00	453	47	0	73,909	783	63,264
301+25	30125.00	25.00	150.58	17.00	0.00	146	16	0	74,055	783	63,394
301+69.735	30169.74	44.74	151.86	17.00	0.00	251	28	0	74,306	783	63,617
302+00	30200.00	30.26	145.68	17.00	0.00	167	19	0	74,473	783	63,765
302+20.735	30220.74	20.74	138.85	17.00	0.00	109	13	0	74,582	783	63,861
302+54.737	30254.74	34.00	127.04	17.00	0.00	167	21	0	74,749	783	64,007
302+72.294	30272.29	17.56	122.44	17.00	0.00	81	11	0	74,830	783	64,077
303+00	30300.00	27.71	121.24	17.00	0.00	125	17	0	74,955	783	64,185
303+50	30350.00	50.00	117.95	17.00	0.00	221	31	0	75,176	783	64,375

STH 16 (GOPHER HILL TO HILLTOP) EARTHWORK SUMMARY CONTINUED

STATION	REAL STATION	DISTANCE	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	INCREMENTAL VOL (CY) (UNADJUSTED) CUT	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL	INCREMENTAL VOL (CY) (UNADJUSTED) FILL	CUMULATIVE VOL (CY) CUT 1.00	CUMULATIVE VOL (CY) EXPANDED FILL 1.25	CUMULATIVE VOL (CY) MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
304+00	30400.00	50.00	115.79	17.00	0.00	216	31	0	75,392	783	64,560
305+00	30500.00	100.00	108.82	17.00	0.00	416	63	0	75,808	783	64,913
305+36.131	30536.13	36.13	106.65	17.00	0.00	144	23	0	75,952	783	65,034
306+00	30600.00	63.87	102.86	17.00	0.00	248	40	0	76,200	783	65,242
307+00	30700.00	100.00	99.99	17.00	0.00	376	63	0	76,576	783	65,555
308+00	30800.00	100.00	109.84	17.00	0.00	389	63	0	76,965	783	65,881
308+00.526	30800.53	0.53	109.81	17.00	0.00	2	0	0	76,967	783	65,883
308+17.525	30817.52	17.00	111.89	17.00	0.00	70	11	0	77,037	783	65,942
308+50	30850.00	32.48	117.90	17.00	0.00	138	20	0	77,175	783	66,060
308+51.526	30851.53	1.53	118.11	17.00	0.00	7	1	0	77,182	783	66,066
309+00	30900.00	48.47	126.44	17.00	0.00	220	31	0	77,402	783	66,255
309+02.526	30902.53	2.53	126.68	17.00	0.00	12	2	0	77,414	783	66,265
310+00	31000.00	97.47	140.22	17.00	0.00	482	61	0	77,896	783	66,686
310+33	31033.00	33.00	148.33	17.00	0.00	176	21	0	78,072	783	66,841
311+00	31100.00	67.00	164.77	17.00	0.00	388	42	0	78,460	783	67,187
312+00	31200.00	100.00	169.36	17.00	0.04	619	63	0	79,079	783	67,743
313+00	31300.00	100.00	171.02	17.00	0.00	630	63	0	79,709	783	68,310
313+50	31350.00	50.00	167.08	17.00	0.00	313	31	0	80,022	783	68,592
314+00	31400.00	50.00	166.39	17.00	0.00	309	31	0	80,331	783	68,870
315+00	31500.00	100.00	165.84	17.00	0.00	615	63	0	80,946	783	69,422
316+00	31600.00	100.00	172.16	17.00	0.00	626	63	0	81,572	783	69,985
317+00	31700.00	100.00	160.30	17.00	0.00	616	63	0	82,188	783	70,538
318+00	31800.00	100.00	159.39	17.00	0.00	592	63	0	82,780	783	71,067
318+24.99	31824.99	24.99	144.62	17.00	2.35	141	16	1	82,921	784	71,190
318+50	31850.00	25.01	146.69	17.00	0.03	135	16	1	83,056	785	71,308
318+75.01	31875.01	25.01	143.01	17.00	0.00	134	16	0	83,190	785	71,426
319+00	31900.00	24.99	139.21	17.00	0.00	131	16	0	83,321	785	71,541
320+00	32000.00	100.00	139.64	17.00	0.00	516	63	0	83,837	785	71,994
321+00	32100.00	100.00	139.19	17.00	0.00	516	63	0	84,353	785	72,447
322+00	32200.00	100.00	134.95	17.00	0.00	508	63	0	84,861	785	72,892
323+00	32300.00	100.00	128.01	17.00	0.00	487	63	0	85,348	785	73,316
323+50	32350.00	50.00	125.15	17.00	0.00	234	31	0	85,582	785	73,519
324+00	32400.00	50.00	122.97	17.00	0.00	230	31	0	85,812	785	73,718
325+00	32500.00	100.00	121.91	17.00	0.00	453	63	0	86,265	785	74,108
326+00	32600.00	100.00	117.86	17.00	0.00	444	63	0	86,709	785	74,489
327+00	32700.00	100.00	119.75	17.00	0.00	440	63	0	87,149	785	74,866
328+00	32800.00	100.00	121.68	17.00	0.00	447	63	0	87,596	785	75,250
328+50	32850.00	50.00	123.75	17.00	0.00	227	31	0	87,823	785	75,446
329+00	32900.00	50.00	121.37	17.00	0.00	227	31	0	88,050	785	75,642
330+00	33000.00	100.00	123.48	17.00	0.00	453	63	0	88,503	785	76,032
330+25	33025.00	25.00	123.86	17.00	0.05	115	16	0	88,618	785	76,131
330+50	33050.00	25.00	125.46	17.00	1.12	115	16	1	88,733	786	76,229
331+00	33100.00	50.00	133.46	17.00	0.92	240	31	2	88,973	789	76,435
332+00	33200.00	100.00	142.68	17.00	0.66	511	63	3	89,484	793	76,880
332+50	33250.00	50.00	150.39	17.00	0.50	271	31	1	89,755	794	77,118
332+64.46	33264.46	14.46	151.47	17.00	0.23	81	9	0	89,836	794	77,190
333+00	33300.00	35.54	144.20	17.00	1.48	195	22	1	90,031	795	77,362
333+15.293	33315.29	15.29	140.48	17.00	2.05	81	10	1	90,112	796	77,432
333+35.045	33335.04	19.75	138.94	17.00	15.13	102	12	6	90,214	804	77,514
333+55.962	33355.96	20.92	130.90	17.00	0.00	105	13	6	90,319	811	77,599
333+66.127	33366.13	10.16	130.54	17.00	0.00	49	6	0	90,368	811	77,642
333+75	33375.00	8.87	132.03	17.00	0.00	43	6	0	90,411	811	77,679
333+76.293	33376.29	1.29	132.07	17.00	0.00	6	1	0	90,417	811	77,684
334+00	33400.00	23.71	130.72	17.00	0.00	115	15	0	90,532	811	77,784
334+56.038	33456.04	56.04	127.65	17.00	0.00	268	35	0	90,800	811	78,017
334+56.048	33456.05	0.01	132.97	17.00	2.47	0	0	0	90,800	811	78,017
334+76.261	33476.26	20.21	131.39	17.00	3.78	99	13	2	90,899	814	78,100
335+00	33500.00	23.74	125.29	17.00	0.00	113	15	2	91,012	816	78,196
335+50	33550.00	50.00	121.51	17.00	0.00	229	31	0	91,241	816	78,394
336+00	33600.00	50.00	122.31	17.00	0.02	226	31	0	91,467	816	78,589
337+00	33700.00	100.00	116.46	17.00	0.70	442	63	1	91,909	818	78,967
337+24.99	33724.99	24.99	111.10	17.00	0.00	105	16	0	92,014	818	79,056
337+50	33750.00	25.01	110.03	17.00	0.00	102	16	0	92,116	818	79,142
338+00	33800.00	50.00	105.74	17.00	0.00	200	31	0	92,316	818	79,311
339+00	33900.00	100.00	110.40	17.00	0.00	400	63	0	92,716	818	79,648
339+50	33950.00	50.00	112.11	17.00	0.00	206	31	0	92,922	818	79,823
340+00	34000.00	50.00	115.06	17.00	0.00	210	31	0	93,132	818	80,002

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	=(CUT-SALVAGED PAVT-(FILL)*FILL FACTOR)

9

9

PROJECT NO: 1370-00-73 | HWY: STH 16 | COUNTY: JEFFERSON | EARTHWORK DATA | SHEET 436 | E

STH 16 (GOPHER HILL TO HILLTOP) EARTHWORK SUMMARY CONTINUED

STATION	REAL STATION	DISTANCE	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	INCREMENTAL VOL (CY) (UNADJUSTED) CUT	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL	INCREMENTAL VOL (CY) (UNADJUSTED) FILL	CUMULATIVE VOL (CY) CUT 1.00	CUMULATIVE VOL (CY) EXPANDED FILL 1.25	CUMULATIVE VOL (CY) MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
341+00	34100.00	100.00	121.35	17.00	0.00	438	63	0	93,570	818	80,377
342+00	34200.00	100.00	123.05	17.00	0.00	453	63	0	94,023	818	80,767
343+00	34300.00	100.00	115.60	17.00	0.00	442	63	0	94,465	818	81,146
344+00	34400.00	100.00	120.36	17.00	0.00	437	63	0	94,902	818	81,520
344+50	34450.00	50.00	121.93	17.00	0.00	224	31	0	95,126	818	81,713
344+99.44	34499.44	49.44	123.43	17.00	0.00	225	31	0	95,351	818	81,907

STH 16 (HILLTOP TO CTH F) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	INCREMENTAL VOL (CY) (UNADJUSTED) CUT	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL	INCREMENTAL VOL (CY) (UNADJUSTED) FILL	CUMULATIVE VOL (CY) CUT 1.00	CUMULATIVE VOL (CY) EXPANDED FILL 1.25	CUMULATIVE VOL (CY) MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
346+00	34600.00	0.00	122.11	17.00	0.00	0	0	0	0	0	0
347+00	34700.00	100.00	116.66	17.00	0.00	442	63	0	442	0	379
347+29.889	34729.89	29.89	115.28	17.00	0.00	128	19	0	570	0	488
348+00	34800.00	70.11	112.81	17.00	0.00	296	44	0	866	0	740
349+00	34900.00	100.00	108.82	17.00	0.00	410	63	0	1,276	0	1,087
349+50	34950.00	50.00	108.41	17.00	0.00	201	31	0	1,477	0	1,257
350+00	35000.00	50.00	115.23	17.00	0.00	207	31	0	1,684	0	1,433
351+00	35100.00	100.00	117.92	17.00	0.04	432	63	0	2,116	0	1,802
352+00	35200.00	100.00	124.13	17.00	1.32	448	63	3	2,564	4	2,183
352+57.911	35257.91	57.91	128.68	17.00	0.40	271	36	2	2,835	6	2,416
352+91.245	35291.24	33.33	139.86	17.00	2.05	166	21	2	3,001	9	2,558
353+00	35300.00	8.76	141.35	17.00	1.91	46	6	1	3,047	10	2,597
353+11.461	35311.46	11.46	145.88	17.00	0.69	61	7	1	3,108	11	2,650
353+34.047	35334.05	22.59	139.56	17.00	0.03	119	14	0	3,227	11	2,755
353+34.121	35334.12	0.07	129.95	17.00	0.00	0	0	0	3,227	11	2,755
354+00	35400.00	65.88	0.00	17.00	0.00	159	41	0	3,386	11	2,873
354+41.081	35441.08	41.08	131.88	17.00	0.00	100	26	0	3,486	11	2,947
354+41.091	35441.09	0.01	143.41	17.00	0.37	0	0	0	3,486	11	2,947
354+64.866	35464.87	23.78	140.81	17.00	1.55	125	15	1	3,611	13	3,056
354+85.09	35485.09	20.22	146.84	17.00	1.78	108	13	1	3,719	14	3,149
355+00	35500.00	14.91	140.11	17.00	1.27	79	9	1	3,798	15	3,218
355+18.426	35518.43	18.43	133.08	17.00	1.67	93	12	1	3,891	16	3,298
356+00	35600.00	81.57	130.43	17.00	2.02	398	51	6	4,289	24	3,637
356+50	35650.00	50.00	129.83	17.00	1.04	241	31	3	4,530	28	3,844
357+00	35700.00	50.00	122.93	17.00	0.00	234	31	1	4,764	29	4,045
358+00	35800.00	100.00	120.37	17.00	0.00	451	63	0	5,215	29	4,433
358+50	35850.00	50.00	118.27	17.00	0.00	221	31	0	5,436	29	4,623
359+00	35900.00	50.00	116.23	17.00	0.00	217	31	0	5,653	29	4,809
360+00	36000.00	100.00	117.84	17.00	0.00	433	63	0	6,086	29	5,179
360+83.484	36083.48	83.48	123.61	17.00	0.19	373	53	0	6,459	29	5,499
360+93.651	36093.65	10.17	124.03	17.00	0.14	47	6	0	6,506	29	5,540
361+00	36100.00	6.35	125.29	17.00	0.06	29	4	0	6,535	29	5,565
361+03.816	36103.82	3.82	126.00	17.00	0.02	18	2	0	6,553	29	5,581
361+44.484	36144.48	40.67	131.48	17.00	0.00	194	26	0	6,747	29	5,749
361+95.318	36195.32	50.83	136.81	17.00	0.00	253	32	0	7,000	29	5,970
362+00	36200.00	4.68	136.26	17.00	0.00	24	3	0	7,024	29	5,991
363+00	36300.00	100.00	135.44	17.00	0.00	503	63	0	7,527	29	6,431
363+50	36350.00	50.00	132.93	17.00	0.00	248	31	0	7,775	29	6,648
364+00	36400.00	50.00	133.02	17.00	0.00	246	31	0	8,021	29	6,863
365+00	36500.00	100.00	136.15	17.00	0.00	498	63	0	8,519	29	7,298
366+00	36600.00	100.00	136.14	17.00	0.00	504	63	0	9,023	29	7,739
367+00	36700.00	100.00	137.43	17.00	0.00	507	63	0	9,530	29	8,183
368+00	36800.00	100.00	140.94	17.00	0.00	515	63	0	10,045	29	8,635
368+46.458	36846.46	46.46	139.73	17.00	0.00	241	29	0	10,286	29	8,847
368+50	36850.00	3.54	140.41	17.00	0.00	18	2	0	10,304	29	8,863
368+80	36880.00	30.00	149.57	17.00	0.92	161	19	1	10,465	30	9,004
369+00	36900.00	20.00	148.96	17.00	1.35	111	13	1	10,576	31	9,101
369+00.032	36900.03	0.03	139.10	17.00	0.00	0	0	0	10,576	31	9,101
369+99.361	36999.36	99.33	139.95	17.00	0.00	513	63	0	11,089	31	9,551
370+00	37000.00	0.64	150.25	17.00	1.59	3	0	0	11,092	31	9,554
371+00	37100.00	100.00	137.58	17.00	1.66	533	63	6	11,625	39	10,016
372+00	37200.00	100.00	134.62	17.00	1.64	504	63	6	12,129	46	10,450
373+00	37300.00	100.00	128.57	17.00	0.00	487	63	3	12,616	50	10,870
373+20.408	37320.41	20.41	127.02	17.00	0.00	97	13	0	12,713	50	10,954
373+50	37350.00	29.59	116.56	17.00	0.00	133	19	0	12,846	50	11,068
373+71.241	37371.24	21.24	110.68	17.00	0.00	89	13	0	12,935	50	11,144
374+00	37400.00	28.76	104.43	17.00	0.18	115	18	0	13,050	50	11,241

STH 16 (HILLTOP TO CTH F) EARTHWORK SUMMARY CONTINUED

STATION	REAL STATION	DISTANCE	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	INCREMENTAL VOL (CY) (UNADJUSTED) CUT	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL	INCREMENTAL VOL (CY) (UNADJUSTED) FILL	CUMULATIVE VOL (CY) CUT 1.00	CUMULATIVE VOL (CY) EXPANDED FILL 1.25	CUMULATIVE VOL (CY) MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
374+11.91	37411.91	11.91	102.12	17.00	0.43	46	7	0	13,096	50	11,280
374+22.074	37422.07	10.16	100.58	17.00	0.53	38	6	0	13,134	50	11,312
374+32.241	37432.24	10.17	100.97	17.00	0.73	38	6	0	13,172	50	11,344
375+00	37500.00	67.76	102.22	17.00	0.48	255	43	2	13,427	53	11,554
376+00	37600.00	100.00	104.41	17.00	0.15	383	63	1	13,810	54	11,872
377+00	37700.00	100.00	103.95	17.00	0.40	386	63	1	14,196	55	12,194
378+00	37800.00	100.00	101.90	17.00	0.23	381	63	1	14,577	56	12,511
378+50	37850.00	50.00	101.47	17.00	0.12	188	31	0	14,765	56	12,668
379+00	37900.00	50.00	103.84	17.00	0.05	190	31	0	14,955	56	12,827
380+00	38000.00	100.00	100.12	17.00	0.28	378	63	1	15,333	58	13,141
381+00	38100.00	100.00	98.45	17.00	0.31	368	63	1	15,701	59	13,444
382+00	38200.00	100.00	103.69	17.00	0.00	374	63	1	16,075	60	13,754
383+00	38300.00	100.00	107.06	17.00	0.02	390	63	0	16,465	60	14,081
383+50	38350.00	50.00	112.34	17.00	0.09	203	31	0	16,668	60	14,253
384+00	38400.00	50.00	113.74	17.00	0.01	209	31	0	16,877	60	14,431
385+00	38500.00	100.00	113.78	17.00	0.00	421	63	0	17,298	60	14,789
386+00	38600.00	100.00	123.66	17.00	0.00	440	63	0	17,738	60	15,166
387+00	38700.00	100.00	125.93	17.00	0.00	462	63	0	18,200	60	15,565
387+50	38750.00	50.00	129.68	17.00	0.01	237	31	0	18,437	60	15,771
388+00	38800.00	50.00	131.03	17.00	0.79	241	31	1	18,678	61	15,980
388+35.72	38835.72	35.72	133.56	17.00	0.94	175	22	1	18,853	63	16,132
389+00	38900.00	64.28	130.06	17.00	1.00	314	40	2	19,167	65	16,403
390+00	39000.00	100.00	129.27	17.00	2.47	480	63	6	19,647	73	16,813
390+05.396	39005.40	5.40	128.44	17.00	2.55	26	3	1	19,673	74	16,834
390+38.729	39038.73	33.33	130.17	17.00	3.70	160	21	4	19,833	79	16,968
390+58.951	39058.95	20.22	128.08	17.00	1.60	97	13	2	19,930	81	17,050
390+77.5	39077.50	18.55	122.42	17.00	0.24	86	12	1	20,016	83	17,123
390+77.533	39077.53	0.03	112.69	17.00	0.00	0	0	0	20,016	83	17,123
391+00	39100.00	22.47	113.89	17.00	0.00	94	14	0	20,110	83	17,203
391+88.127	39188.13	88.13	115.62	17.00	0.00	375	55	0	20,485	83	17,523
391+88.15	39188.15	0.02	118.59	17.00	2.28	0	0	0	20,485	83	17,523
392+00	39200.00	11.85	120.31	17.00	3.00	52	7	1	20,537	84	17,566
392+12.023	39212.02	12.02	128.75	17.00	1.81	55	8	1	20,592	85	17,612
392+32.258	39232.26	20.24	132.60	17.00	2.75	98	13	2	20,690	88	17,695
392+50	39250.00	17.74	129.29	17.00	2.48	86	11	2	20,776	90	17,767
392+65	39265.00	15.00	124.52	17.00	2.87	71	9	1	20,847	91	17,828
393+00	39300.00	35.00	126.70	17.00	2.98	163	22	4	21,010	96	17,964
394+00	39400.00	100.00	124.67	17.00	2.23	465	63	10	21,475	109	18,353
395+00	39500.00	100.00	125.00	17.00	1.20	462	63	6	21,937	116	18,745
396+00	39600.00	100.00	118.98	17.00	0.00	452	63	2	22,389	119	19,131
397+00	39700.00	100.00	117.80	17.00	0.00	438	63	0	22,827	119	19,506
397+50	39750.00	50.00	112.89	17.00	0.00	214	31	0	23,041	119	19,689
398+00	39800.00	50.00	111.79	17.00	0.00	208	31	0	23,249	119	19,866
399+00	39900.00	100.00	113.28	17.00	0.00	417	63	0	23,666	119	20,220
400+00	40000.00	100.00	113.18	17.00	0.44	419	63	1	24,085	120	20,575
401+00	40100.00	100.00	116.92	17.00	1.05	426	63	3	24,511	124	20,934
401+65	40165.00	65.00	122.93	17.00	0.00	289	41	1	24,800	125	21,181
402+00	40200.00	35.00	119.30	17.00	0.29	157	22	0	24,957	125	21,316
402+39.198	40239.20	39.20	116.86	17.00	1.21	171	25	1	25,128	126	21,461
402+49.365	40249.36	10.17	115.76	17.00	0.59	44	6	0	25,172	126	21,499
402+50	40250.00	0.64	115.84	17.00	0.57	3	0	0	25,175	126	21,502
402+59.53	40259.53	9.53	116.65	17.00	0.54	41	6	0	25,216	126	21,537
403+00	40300.00	40.47	122.33	17.00	0.02	179	25	0	25,395	126	21,691
403+25.985	40325.98	25.98	125.82	17.00	0.00	119	16	0	25,514	126	21,794
403+93	40393.00	67.02	132.97	17.00	0.00	321	42	0	25,835	126	22,073

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	=(CUT-SALVAGED PAVT-(FILL)*FILL FACTOR)

9

9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	EARTHWORK DATA	SHEET 437	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 05

PLOT DATE : 8/29/2024 2:34 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

STH 16 (CTH F TO ROCK RIVER) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
421+27.44	42127.44	0.00	122.23	17.00	0.00	0	0	0	0	0	0
421+30	42130.00	2.56	122.38	17.00	0.00	12	2	0	12	0	10
422+00	42200.00	70.00	122.23	17.00	0.00	317	44	0	329	0	283
423+00	42300.00	100.00	125.90	17.00	0.00	460	63	0	789	0	680
423+50	42350.00	50.00	129.72	17.00	0.00	237	31	0	1,026	0	886
424+00	42400.00	50.00	134.12	17.00	0.00	244	31	0	1,270	0	1,099
425+00	42500.00	100.00	134.28	17.00	0.00	497	63	0	1,767	0	1,533
426+00	42600.00	100.00	123.17	17.00	0.00	477	63	0	2,244	0	1,947
427+00	42700.00	100.00	114.58	17.00	0.03	440	63	0	2,684	0	2,324
428+00	42800.00	100.00	108.74	17.00	0.21	414	63	0	3,098	0	2,675
428+21.782	42821.78	21.78	107.15	17.00	0.27	87	14	0	3,185	0	2,748
428+50	42850.00	28.22	108.54	17.00	0.09	113	18	0	3,298	0	2,843
428+72.616	42872.62	22.62	105.28	17.00	0.32	90	14	0	3,388	0	2,919
429+00	42900.00	27.38	100.19	17.00	1.38	104	17	1	3,492	1	3,005
429+13.284	42913.28	13.28	97.45	17.00	1.50	49	8	1	3,541	3	3,045
429+23.449	42923.45	10.16	96.15	17.00	1.65	36	6	1	3,577	4	3,073
429+33.616	42933.62	10.17	97.23	17.00	1.88	36	6	1	3,613	5	3,102
430+00	43000.00	66.38	98.29	17.00	1.67	240	42	4	3,853	10	3,295
431+00	43100.00	100.00	100.35	17.00	1.10	368	63	5	4,221	16	3,594
432+00	43200.00	100.00	94.58	17.00	1.33	361	63	4	4,582	21	3,887
433+00	43300.00	100.00	97.02	17.00	0.90	355	63	4	4,937	26	4,174
433+50	43350.00	50.00	100.34	17.00	0.55	183	31	1	5,120	28	4,325
434+00	43400.00	50.00	102.93	17.00	0.70	188	31	1	5,308	29	4,480
435+00	43500.00	100.00	102.51	17.00	0.70	380	63	3	5,688	33	4,794
436+00	43600.00	100.00	102.53	17.00	0.73	380	63	3	6,068	36	5,107
437+00	43700.00	100.00	101.99	17.00	0.51	379	63	2	6,447	39	5,420
438+00	43800.00	100.00	105.11	17.00	0.17	384	63	1	6,831	40	5,740
438+50	43850.00	50.00	106.86	17.00	0.13	196	31	0	7,027	40	5,905
438+85.931	43885.93	35.93	108.62	17.00	0.07	143	23	0	7,170	40	6,025
439+00	43900.00	14.07	110.09	17.00	0.05	57	9	0	7,227	40	6,073
439+48.435	43948.44	48.44	118.64	17.00	1.62	205	30	1	7,432	41	6,247
440+00	44000.00	51.56	120.52	17.00	1.94	228	32	3	7,660	45	6,439
440+29.45	44029.45	29.45	123.18	17.00	2.18	133	19	2	7,793	48	6,551
440+50	44050.00	20.55	128.21	17.00	2.31	96	13	2	7,889	50	6,631
440+92.067	44092.07	42.07	127.32	17.00	2.65	199	26	4	8,088	55	6,799
441+00	44100.00	7.93	121.00	17.00	2.38	36	5	1	8,124	56	6,829
441+47.72	44147.72	47.72	119.61	17.00	0.00	213	30	2	8,337	59	7,009
442+00	44200.00	52.28	117.19	17.00	0.00	229	33	0	8,566	59	7,205
442+30.964	44230.96	30.96	121.70	17.00	0.00	137	19	0	8,703	59	7,323
442+87.287	44287.29	56.32	130.87	17.00	0.00	263	35	0	8,966	59	7,551
443+00	44300.00	12.71	127.87	17.00	0.00	61	8	0	9,027	59	7,604
443+49.929	44349.93	49.93	130.96	17.00	0.00	239	31	0	9,266	59	7,812
444+00	44400.00	50.07	134.70	17.00	0.00	246	32	0	9,512	59	8,026
444+31.981	44431.98	31.98	134.82	17.00	0.00	160	20	0	9,672	59	8,166
444+94.491	44494.49	62.51	127.88	17.00	0.00	304	39	0	9,976	59	8,431
445+00	44500.00	5.51	127.14	17.00	0.00	26	3	0	10,002	59	8,454
446+00	44600.00	100.00	122.02	17.00	0.00	461	63	0	10,463	59	8,852
447+00	44700.00	100.00	120.73	17.00	0.00	450	63	0	10,913	59	9,239
448+00	44800.00	100.00	120.68	17.00	0.00	447	63	0	11,360	59	9,623
448+50	44850.00	50.00	119.45	17.00	0.00	222	31	0	11,582	59	9,814
449+00	44900.00	50.00	119.86	17.00	0.00	222	31	0	11,804	59	10,005
450+00	45000.00	100.00	121.74	17.00	0.00	447	63	0	12,251	59	10,389
451+00	45100.00	100.00	121.27	17.00	0.00	450	63	0	12,701	59	10,776
452+00	45200.00	100.00	118.98	17.00	0.00	445	63	0	13,146	59	11,158
453+00	45300.00	100.00	118.67	17.00	0.00	440	63	0	13,586	59	11,535
453+50	45350.00	50.00	119.79	17.00	0.00	221	31	0	13,807	59	11,725
454+00	45400.00	50.00	119.50	17.00	0.00	222	31	0	14,029	59	11,916
455+00	45500.00	100.00	115.18	17.00	0.00	435	63	0	14,464	59	12,288
456+00	45600.00	100.00	111.36	17.00	0.00	420	63	0	14,884	59	12,645
457+00	45700.00	100.00	104.65	17.00	0.00	400	63	0	15,284	59	12,982
457+05.544	45705.54	5.54	105.40	17.00	0.00	22	3	0	15,306	59	13,001

STH 16 (CTH F TO ROCK RIVER) EARTHWORK SUMMARYCONTINUED

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
457+15.711	45715.71	10.17	106.79	17.00	0.00	40	6	0	15,346	59	13,035
457+25.875	45725.88	10.16	109.74	17.00	0.00	41	6	0	15,387	59	13,070
457+66.544	45766.54	40.67	119.43	17.00	0.00	173	26	0	15,560	59	13,217
458+00	45800.00	33.46	125.43	17.00	0.00	152	21	0	15,712	59	13,348
458+17.377	45817.38	17.38	127.13	17.00	0.00	81	11	0	15,793	59	13,418
458+50	45850.00	32.62	123.80	17.00	0.00	152	21	0	15,945	59	13,549
459+00	45900.00	50.00	127.11	17.00	0.00	232	31	0	16,177	59	13,750
460+00	46000.00	100.00	131.74	17.00	0.00	479	63	0	16,656	59	14,166
461+00	46100.00	100.00	123.48	17.00	0.00	473	63	0	17,129	59	14,576
461+65.21	46165.21	65.21	124.49	17.00	0.00	299	41	0	17,428	59	14,834
461+91.844	46191.84	26.63	133.86	17.00	0.00	127	17	0	17,555	59	14,944
462+00	46200.00	8.16	137.72	17.00	0.00	41	5	0	17,596	59	14,980
462+83.647	46283.65	83.65	147.43	17.00	2.27	442	53	4	18,038	64	15,364
463+00	46300.00	16.35	147.62	17.00	0.79	89	10	1	18,127	65	15,442
463+08.647	46308.65	8.65	147.87	17.00	0.10	47	5	0	18,174	65	15,484
463+33.647	46333.65	25.00	145.73	17.00	0.99	136	16	1	18,310	66	15,603
463+34.342	46334.34	0.70	145.65	17.00	1.66	4	0	0	18,314	66	15,607
463+50	46350.00	15.66	139.63	17.00	0.33	83	10	1	18,397	68	15,679
463+59.342	46359.34	9.34	136.73	17.00	0.23	48	6	0	18,445	68	15,721
463+84.342	46384.34	25.00	131.56	17.00	0.17	124	16	0	18,569	68	15,829
464+00	46400.00	15.66	129.17	17.00	0.13	76	10	0	18,645	68	15,895
464+30.715	46430.72	30.72	124.00	17.00	2.44	144	19	1	18,789	69	16,018
464+59.085	46459.09	28.37	65.03	17.00	0.00	99	18	1	18,888	70	16,098

STH 16 (ROCK RIVER TO END) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
467+18.552	46718.55	0.00	56.03	17.00	38.05	0	0	0	0	0	0
467+50	46750.00	31.45	119.53	17.00	35.01	102	20	43	102	54	28
467+95.841	46795.84	45.84	131.42	17.00	1.58	213	29	31	315	93	174
468+00	46800.00	4.16	132.43	17.00	1.94	20	3	0	335	93	191
468+20.842	46820.84	20.84	137.70	17.00	9.04	104	13	4	439	98	277
468+34.238	46834.24	13.40	142.08	17.00	24.63	69	8	8	508	108	328
468+45.842	46845.84	11.60	144.51	17.00	48.32	62	7	16	570	128	363
468+59.253	46859.25	13.41	144.60	17.00	65.74	72	8	28	642	163	392
468+84.238	46884.24	24.98	143.07	17.00	81.66	133	16	68	775	248	424
469+00	46900.00	15.76	141.97	17.00	78.16	83	10	47	858	306	438
469+65.85	46965.85	65.85	151.03	17.00	25.87	357	41	127	1,215	465	595
470+00	47000.00	34.15	158.11	17.00	0.00	196	22	16	1,411	485	749
470+32.722	47032.72	32.72	138.87	17.00	0.05	180	21	0	1,591	485	908
471+00	47100.00	67.28	134.45	17.00	0.00	341	42	0	1,932	485	1,207
471+50	47150.00	50.00	135.68	17.00	0.00	250	31	0	2,182	485	1,426
472+00	47200.00	50.00	133.52	17.00	0.00	249	31	0	2,431	485	1,644
473+00	47300.00	100.00	131.99	17.00	0.00	492	63	0	2,923	485	2,073
474+00	47400.00	100.00	127.00	17.00	0.00	480	63	0	3,403	485	2,490
475+00	47500.00	100.00	127.71	17.00	0.00	472	63	0	3,875	485	2,899
476+00	47600.00	100.00	125.22	17.00	0.00	468	63	0	4,343	485	3,304
476+50	47650.00	50.00	121.49	17.00	0.00	228	31	0	4,571	485	3,501
477+00	47700.00	50.00	122.59	17.00	2.40	226	31	2	4,797	488	3,694
478+00	47800.00	100.00	130.06	17.00	8.28	468	63	20	5,265	513	4,074
478+50	47850.00	50.00	132.79	17.00	6.64	243	31	14	5,508	530	4,268
478+74.332	47874.33	24.33	135.85	17.00	3.91	121	15	5	5,629	536	4,368
479+00	47900.00	25.67	140.16	17.00	4.70	131	16	4	5,760	541	4,478
479+20.774	47920.77	20.77	143.91	17.00	12.07	109	13	6	5,869	549	4,566
479+40.997	47941.00	20.22	145.02	17.00	7.48	108	13	7	5,977	558	4,653
479+51.707	47951.71	10.71	140.78	17.00	0.00	57	7	1	6,034	559	4,701
480+00	48000.00	48.29	131.89	17.00	0.00	244	30	0	6,278	559	4,915
480+72.133	48072.13	72.13	138.63	17.00	1.95	361	45	3	6,639	563	5,228
480+80	48080.00	7.87	149.29	17.00	2.13	42	5	1	6,681	564	5,263
481+00	48100.00	20.00	149.84	17.00	0.19	111	13	1	6,792	565	5,360
481+32.5	48132.50	32.50	147.49	17.00	0.00	179	20	0	6,971	565	5,519
482+00	48200.00	67.50	155.36	17.00	0.00	379	43	0	7,350	565	5,855
483+00	48300.00	100.00	154.20	17.00	0.00	573	63	0	7,923	565	6,365
483+85.134	48385.13	85.13	165.33	17.00	0.00	504	54	0	8,427	565	6,815

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	=(CUT-SALVAGED PAVT-(FILL)*FILL FACTOR)

STH 16 WB EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
200+00	20000.00	0.00	70.34	11.00	0.00	0	0	0	0	0	0
200+68.994	20068.99	68.99	70.85	11.00	0.00	180	28	0	180	0	152
201+00	20100.00	31.01	74.55	11.00	0.00	83	13	0	263	0	222
201+37.988	20137.99	37.99	83.20	11.00	0.00	111	15	0	374	0	318
201+87.14	20187.14	49.15	97.87	11.00	0.00	165	20	0	539	0	463
202+00	20200.00	12.86	101.62	11.00	0.00	48	5	0	587	0	506
202+68.087	20268.09	68.09	83.66	11.00	0.00	234	28	0	821	0	712
202+89.14	20289.14	21.05	81.70	11.00	0.00	64	9	0	885	0	767
203+00	20300.00	10.86	82.39	11.00	0.00	33	4	0	918	0	796
203+06.143	20306.14	6.14	82.71	11.00	0.00	19	3	0	937	0	812
203+40.14	20340.14	34.00	87.36	11.00	0.00	107	14	0	1,044	0	905
204+00	20400.00	59.86	92.59	11.00	0.00	199	24	0	1,243	0	1,080
204+50	20450.00	50.00	93.41	11.00	0.00	172	20	0	1,415	0	1,232
205+00	20500.00	50.00	94.48	11.00	0.00	174	20	0	1,589	0	1,386
206+00	20600.00	100.00	94.58	11.00	0.00	350	41	0	1,939	0	1,695
206+21.206	20621.21	21.21	93.85	11.00	0.00	74	9	0	2,013	0	1,760
207+00	20700.00	78.79	96.37	11.00	0.00	278	32	0	2,291	0	2,006
208+00	20800.00	100.00	95.60	11.00	0.00	355	41	0	2,646	0	2,320
208+50	20850.00	50.00	100.28	11.00	0.00	181	20	0	2,827	0	2,481
208+75	20875.00	25.00	107.89	11.00	0.00	96	10	0	2,923	0	2,567
209+00	20900.00	25.00	111.83	11.00	0.00	102	10	0	3,025	0	2,659
209+02.272	20902.27	2.27	111.70	11.00	0.00	9	1	0	3,034	0	2,667
209+36.268	20936.27	34.00	114.52	11.00	0.00	142	14	0	3,176	0	2,795
209+53.272	20953.27	17.00	113.51	11.00	0.00	72	7	0	3,248	0	2,860
210+00	21000.00	46.73	110.69	11.00	0.00	194	19	0	3,442	0	3,035
210+04.272	21004.27	4.27	109.90	11.00	0.00	17	2	0	3,459	0	3,050
210+55.272	21055.27	51.00	104.31	11.00	0.00	202	21	0	3,661	0	3,231
211+00	21100.00	44.73	100.40	11.00	0.00	170	18	0	3,831	0	3,383
211+25	21125.00	25.00	99.29	11.00	0.00	92	10	0	3,923	0	3,465
212+00	21200.00	75.00	98.65	11.00	0.00	275	31	0	4,198	0	3,709
213+00	21300.00	100.00	98.35	11.00	0.00	365	41	0	4,563	0	4,033
213+50	21350.00	50.00	100.11	11.00	0.00	184	20	0	4,747	0	4,197
214+00	21400.00	50.00	99.57	11.00	0.00	185	20	0	4,932	0	4,362
215+00	21500.00	100.00	94.71	11.00	0.00	360	41	0	5,292	0	4,681
215+25	21525.00	25.00	96.19	11.00	0.00	88	10	0	5,380	0	4,759
216+00	21600.00	75.00	101.56	11.00	0.00	275	31	0	5,655	0	5,003
217+00	21700.00	100.00	100.57	11.00	0.00	374	41	0	6,029	0	5,336
218+00	21800.00	100.00	101.41	11.00	0.00	374	41	0	6,403	0	5,669
219+00	21900.00	100.00	97.86	11.00	0.00	369	41	0	6,772	0	5,997
219+50	21950.00	50.00	131.65	11.00	0.00	213	20	0	6,985	0	6,190
220+00	22000.00	50.00	128.19	11.00	0.00	241	20	0	7,226	0	6,411
221+00	22100.00	100.00	94.88	11.00	0.00	413	41	0	7,639	0	6,783
221+20.189	22120.19	20.19	91.68	11.00	0.00	70	8	0	7,709	0	6,845
222+00	22200.00	79.81	92.39	11.00	0.00	272	33	0	7,981	0	7,084
222+08.012	22208.01	8.01	91.82	11.00	0.00	27	3	0	8,008	0	7,108
223+00	22300.00	91.99	94.27	11.00	0.00	317	37	0	8,325	0	7,388
223+34.51	22334.51	34.51	93.39	11.00	0.00	120	14	0	8,445	0	7,494
224+00	22400.00	65.49	136.44	11.00	0.00	279	27	0	8,724	0	7,746
224+50	22450.00	50.00	130.42	11.00	0.00	247	20	0	8,971	0	7,973
224+77.514	22477.51	27.51	129.23	11.00	0.00	132	11	0	9,103	0	8,094
225+00	22500.00	22.49	124.38	11.00	0.00	106	9	0	9,209	0	8,191
225+28.384	22528.38	28.38	116.72	11.00	0.00	127	12	0	9,336	0	8,306
225+79.253	22579.25	50.87	104.24	11.00	0.00	208	21	0	9,544	0	8,493
226+00	22600.00	20.75	107.77	11.00	0.00	81	8	0	9,625	0	8,566
226+06.388	22606.39	6.39	109.74	11.00	0.00	26	3	0	9,651	0	8,589
226+30.123	22630.12	23.74	114.86	11.00	0.00	99	10	0	9,750	0	8,678
226+45.384	22645.38	15.26	116.81	11.00	0.00	65	6	0	9,815	0	8,737
227+00	22700.00	54.62	121.11	11.00	0.00	241	22	0	10,056	0	8,956
227+48.214	22748.21	48.21	122.43	11.00	0.00	217	20	0	10,273	0	9,153
228+00	22800.00	51.79	116.15	11.00	0.00	229	21	0	10,502	0	9,361
228+51.045	22851.05	51.05	118.08	11.00	0.00	221	21	0	10,723	0	9,561
228+66.306	22866.31	15.26	113.94	11.00	0.00	66	6	0	10,789	0	9,621

STH 16 WB EARTHWORK SUMMARY CONTINUED

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
228+90.041	22890.04	23.74	110.47	11.00	0.00	99	10	0	10,888	0	9,710
229+00	22900.00	9.96	109.43	11.00	0.00	41	4	0	10,929	0	9,747
229+17.176	22917.18	17.18	107.43	11.00	0.00	69	7	0	10,998	0	9,809
229+50	22950.00	32.82	108.89	11.00	0.00	131	13	0	11,129	0	9,927
229+68.045	22968.05	18.05	109.70	11.00	0.00	73	7	0	11,202	0	9,993
230+00	23000.00	31.95	108.37	11.00	0.00	129	13	0	11,331	0	10,109
230+18.915	23018.91	18.91	106.55	11.00	0.00	75	8	0	11,406	0	10,176
230+72.6	23072.60	53.69	106.93	11.00	0.00	212	22	0	11,618	0	10,366
231+00	23100.00	27.40	105.51	11.00	0.00	108	11	0	11,726	0	10,463
231+23.8	23123.80	23.80	104.12	11.00	0.00	92	10	0	11,818	0	10,545
231+75	23175.00	51.20	99.70	11.00	0.00	193	21	0	12,011	0	10,717
232+00	23200.00	25.00	86.92	11.00	0.00	86	10	0	12,097	0	10,793
233+00	23300.00	100.00	84.01	11.00	0.00	317	41	0	12,414	0	11,069
233+52.443	23352.44	52.44	86.06	11.00	0.00	165	21	0	12,579	0	11,213
233+86.58	23386.58	34.14	86.47	11.00	0.00	109	14	0	12,688	0	11,308
234+00	23400.00	13.42	104.16	11.00	0.00	47	5	0	12,735	0	11,350
234+03.643	23403.64	3.64	101.23	11.00	0.00	14	1	0	12,749	0	11,363
234+29.243	23429.24	25.60	103.86	11.00	0.00	97	10	0	12,846	0	11,450
234+50	23450.00	20.76	97.94	11.00	0.29	78	8	0	12,924	0	11,520
235+00	23500.00	50.00	95.34	11.00	0.09	179	20	0	13,103	0	11,679
235+38.263	23538.26	38.26	97.77	11.00	0.04	137	16	0	13,240	0	11,800
236+00	23600.00	61.74	102.22	11.00	0.03	229	25	0	13,469	0	12,004
236+25	23625.00	25.00	105.37	11.00	0.02	96	10	0	13,565	0	12,090
236+47.283	23647.28	22.28	109.27	11.00	0.02	89	9	0	13,654	0	12,170
236+72.883	23672.88	25.60	107.44	11.00	0.02	103	10	0	13,757	0	12,263
236+89.946	23689.95	17.06	105.78	11.00	0.02	67	7	0	13,824	0	12,323
237+00	23700.00	10.05	105.16	11.00	0.03	39	4	0	13,863	0	12,358
237+24.083	23724.08	24.08	105.74	11.00	0.00	94	10	0	13,957	0	12,442
237+75.283	23775.28	51.20	105.63	11.00	0.44	200	21	0	14,157	0	12,621
238+00	23800.00	24.72	106.17	11.00	1.20	97	10	1	14,254	1	12,707
238+26.483	23826.48	26.48	103.47	11.00	1.35	103	11	1	14,357	3	12,798
238+50	23850.00	23.52	102.02	11.00	1.46	89	10	1	14,446	4	12,875
238+75	23875.00	25.00	97.48	11.00	1.35	92	10	1	14,538	5	12,956
239+00	23900.00	25.00	99.28	11.00	0.01	91	10	1	14,629	6	13,036
240+00	24000.00	100.00	68.83	11.00	0.00	311	41	0	14,940	6	13,306
240+89.207	24089.21	89.21	60.51	11.00	0.00	214	36	0	15,154	6	13,484
241+00	24100.00	10.79	63.32	11.00	0.00	25	4	0	15,179	6	13,505
241+25	24125.00	25.00	68.42	11.00	0.00	61	10	0	15,240	6	13,556
241+42.121	24142.12	17.12	72.39	11.00	0.69	45	7	0	15,285	6	13,594
242+00	24200.00	57.88	61.98	11.00	0.00	144	24	1	15,429	8	13,713
242+80.727	24280.73	80.73	74.04	11.00	1.64	203	33	2	15,632	10	13,880
243+00	24300.00	19.27	78.77	11.00	0.00	55	8	1	15,687	11	13,926
244+00	24400.00	100.00	78.03	11.00	0.00	290	41	0	15,977	11	14,175

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	=(CUT-SALVAGED PAVT-(FILL)*FILL FACTOR)

STH 19 EB RAMP EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
93+50	9350.00	0.00	116.20	12.00	0.00	0	0	0	0	0	0
94+00	9400.00	50.00	116.15	12.00	0.00	215	22	0	215	0	193
95+00	9500.00	100.00	122.84	12.00	0.00	443	44	0	658	0	592
95+23.999	9524.00	24.00	62.97	12.00	0.00	83	11	0	741	0	664
96+00	9600.00	76.00	57.97	12.00	0.00	170	34	0	911	0	800
96+50	9650.00	50.00	58.85	12.00	0.00	108	22	0	1,019	0	886
97+00	9700.00	50.00	60.10	12.00	0.00	110	22	0	1,129	0	974
98+00	9800.00	100.00	81.14	12.00	0.00	262	44	0	1,391	0	1,192
98+52.642	9852.64	52.64	94.47	12.00	0.00	171	23	0	1,562	0	1,340
99+00	9900.00	47.36	80.90	12.00	0.00	154	21	0	1,716	0	1,473
99+32.727	9932.73	32.73	90.22	12.00	0.00	104	15	0	1,820	0	1,562
100+00	10000.00	67.27	98.62	12.00	0.00	235	30	0	2,055	0	1,767
101+00	10100.00	100.00	97.33	12.00	0.00	363	44	0	2,418	0	2,086
101+50	10150.00	50.00	96.13	12.00	0.00	179	22	0	2,597	0	2,243
101+84.786	10184.79	34.79	95.14	12.00	0.00	123	15	0	2,720	0	2,351
102+00	10200.00	15.21	95.11	12.00	0.00	54	7	0	2,774	0	2,398
103+00	10300.00	100.00	95.92	12.00	0.00	354	44	0	3,128	0	2,708
104+00	10400.00	100.00	99.57	12.00	0.00	362	44	0	3,490	0	3,026
104+50	10450.00	50.00	99.69	12.00	1.11	184	22	1	3,674	1	3,187
105+00	10500.00	50.00	98.73	12.00	0.73	184	22	2	3,858	4	3,346
106+00	10600.00	100.00	98.06	12.00	0.61	364	44	2	4,222	6	3,664
106+11.283	10611.28	11.28	96.75	12.00	0.00	41	5	0	4,263	6	3,700
107+00	10700.00	88.72	95.33	12.00	0.00	316	39	0	4,579	6	3,977
108+00	10800.00	100.00	95.08	12.00	0.00	353	44	0	4,932	6	4,286
108+50	10850.00	50.00	95.49	12.00	0.00	176	22	0	5,108	6	4,440
109+00	10900.00	50.00	96.20	12.00	0.00	177	22	0	5,285	6	4,595
110+00	11000.00	100.00	96.97	12.00	0.00	358	44	0	5,643	6	4,909
110+37.781	11037.78	37.78	97.71	12.00	0.00	136	17	0	5,779	6	5,028
110+75	11075.00	37.22	98.72	12.00	0.00	135	17	0	5,914	6	5,146
111+00	11100.00	25.00	96.75	12.00	0.00	90	11	0	6,004	6	5,225
111+81.835	11181.84	81.83	85.59	12.00	0.00	276	36	0	6,280	6	5,465
112+00	11200.00	18.17	85.59	12.00	0.04	58	8	0	6,338	6	5,515
112+88.674	11288.67	88.67	105.36	12.00	0.00	314	39	0	6,652	6	5,790
112+94.105	11294.11	5.43	104.29	12.00	0.00	21	2	0	6,673	6	5,809
113+00	11300.00	5.89	108.11	12.00	0.00	23	3	0	6,696	6	5,829
113+25	11325.00	25.00	103.87	12.00	0.00	98	11	0	6,794	6	5,916
113+48.07	11348.07	23.07	95.25	12.00	0.00	85	10	0	6,879	6	5,991
113+50	11350.00	1.93	94.45	12.00	0.00	7	1	0	6,886	6	5,997
114+00	11400.00	50.00	81.85	12.00	0.00	163	22	0	7,049	6	6,138
114+53.81	11453.81	53.81	65.77	12.00	0.00	147	24	0	7,196	6	6,261
115+00	11500.00	46.19	68.43	12.00	3.33	115	21	3	7,311	10	6,351
116+00	11600.00	100.00	64.53	12.00	3.27	246	44	12	7,557	25	6,538
116+24.419	11624.42	24.42	67.78	12.00	2.81	60	11	3	7,617	29	6,583

STH 19 WB RAMP EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
201+80.524	20180.52	0.00	62.41	12.00	0.00	0	0	0	0	0	0
202+00	20200.00	19.48	61.32	12.00	0.00	45	9	0	45	0	36
202+50	20250.00	50.00	60.42	12.00	0.00	113	22	0	158	0	127
203+00	20300.00	50.00	66.66	12.00	0.00	118	22	0	276	0	223
204+00	20400.00	100.00	86.73	12.00	0.00	284	44	0	560	0	463
205+00	20500.00	100.00	77.50	12.00	0.00	304	44	0	864	0	723
205+88.093	20588.09	88.09	99.66	12.00	9.07	289	39	15	1,153	19	954
206+00	20600.00	11.91	98.69	12.00	9.78	44	5	4	1,197	24	988
206+26.391	20626.39	26.39	95.30	12.00	12.25	95	12	11	1,292	38	1,058
206+57.024	20657.02	30.63	100.35	12.00	10.69	111	14	13	1,403	54	1,138
207+00	20700.00	42.98	101.84	12.00	13.63	161	19	19	1,564	78	1,257
207+50	20750.00	50.00	107.02	12.00	0.00	193	22	13	1,757	94	1,411
208+00	20800.00	50.00	110.77	12.00	9.12	202	22	8	1,959	104	1,581
209+00	20900.00	100.00	106.68	12.00	8.21	403	44	32	2,362	144	1,900
210+00	21000.00	100.00	103.62	12.00	4.10	389	44	23	2,751	173	2,217
210+72.258	21072.26	72.26	97.38	12.00	0.00	269	32	5	3,020	179	2,447
211+00	21100.00	27.74	101.10	12.00	0.00	102	12	0	3,122	179	2,537
211+29.698	21129.70	29.70	104.31	12.00	0.00	113	13	0	3,235	179	2,637
211+70.703	21170.70	41.01	100.76	12.00	0.00	156	18	0	3,391	179	2,775
211+82.912	21182.91	12.21	102.41	12.00	0.00	46	5	0	3,437	179	2,816
212+00	21200.00	17.09	106.79	12.00	0.00	66	8	0	3,503	179	2,874
212+00.703	21200.70	0.70	106.86	12.00	0.00	3	0	0	3,506	179	2,877
212+21.625	21221.63	20.92	98.57	12.00	5.37	80	9	2	3,586	181	2,946
212+36.127	21236.13	14.50	97.17	12.00	3.95	53	6	3	3,639	185	2,989
212+44.338	21244.34	8.21	97.04	12.00	2.73	30	4	1	3,669	186	3,014
212+74.318	21274.32	29.98	102.00	12.00	0.71	111	13	2	3,780	189	3,109
212+89.341	21289.34	15.02	104.87	12.00	2.21	58	7	1	3,838	190	3,159
212+95.51	21295.51	6.17	100.10	12.00	2.85	23	3	1	3,861	191	3,178
213+00	21300.00	4.49	96.98	12.00	4.60	16	2	1	3,877	193	3,191
213+35.465	21335.46	35.46	94.83	12.00	5.55	126	16	7	4,003	201	3,292
213+42.555	21342.56	7.09	95.69	12.00	6.99	25	3	2	4,028	204	3,311
213+50.03	21350.03	7.47	97.03	12.00	6.61	27	3	2	4,055	206	3,333
213+85.127	21385.13	35.10	98.38	12.00	4.60	127	16	7	4,182	215	3,435
214+00	21400.00	14.87	97.14	12.00	4.88	54	7	3	4,236	219	3,478
214+24.534	21424.53	24.53	98.37	12.00	7.62	89	11	6	4,325	226	3,549
214+49.384	21449.38	24.85	103.68	12.00	9.60	93	11	8	4,418	236	3,621
214+50.02	21450.02	0.64	111.46	12.00	7.61	3	0	0	4,421	236	3,624
214+59.343	21459.34	9.32	111.13	12.00	8.54	38	4	3	4,459	240	3,654
214+74.209	21474.21	14.87	112.80	12.00	9.42	62	7	5	4,521	246	3,703
214+84.36	21484.36	10.15	113.50	12.00	9.20	43	5	4	4,564	251	3,736
215+00	21500.00	15.64	115.49	12.00	7.90	66	7	5	4,630	258	3,789
215+09.916	21509.92	9.92	115.89	12.00	6.57	42	4	3	4,672	261	3,823
215+94.21	21594.21	84.29	103.29	12.00	0.00	342	37	10	5,014	274	4,115
216+00	21600.00	5.79	102.59	12.00	0.00	22	3	0	5,036	274	4,134
217+00	21700.00	100.00	101.54	12.00	0.00	378	44	0	5,414	274	4,468
218+00	21800.00	100.00	100.23	12.00	0.00	374	44	0	5,788	274	4,798
218+47.277	21847.28	47.28	94.71	12.00	0.00	171	21	0	5,959	274	4,948
218+50	21850.00	2.72	94.51	12.00	0.00	10	1	0	5,969	274	4,957
219+00	21900.00	50.00	93.61	12.00	0.00	174	22	0	6,143	274	5,109
219+75	21975.00	75.00	97.25	12.00	0.00	265	33	0	6,408	274	5,341
220+00	22000.00	25.00	97.31	12.00	0.00	90	11	0	6,498	274	5,420
221+00	22100.00	100.00	94.85	12.00	0.00	356	44	0	6,854	274	5,732
221+46.43	22146.43	46.43	97.33	12.00	0.00	165	21	0	7,019	274	5,876
222+00	22200.00	53.57	102.27	12.00	0.00	198	24	0	7,217	274	6,050
223+00	22300.00	100.00	89.87	12.00	0.00	356	44	0	7,573	274	6,362
223+09.428	22309.43	9.43	88.00	12.00	0.00	31	4	0	7,604	274	6,389
223+52	22352.00	42.57	75.57	12.00	0.00	129	19	0	7,733	274	6,499
223+59.09	22359.09	7.09	73.63	12.00	0.00	20	3	0	7,753	274	6,516

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	=(CUT-SALVAGED PAVT-(FILL)*FILL FACTOR)

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PROJECT NO: 1370-00-73 | HWY: STH 16 | COUNTY: JEFFERSON | EARTHWORK DATA | SHEET 440 | E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 08

PLOT DATE : 8/31/2024 6:40 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1" = 1'

GOPHER HILL ROAD (NORTH) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
20+27.072	1038.04	0.00	74.49	8.00	0.01	0	0	0	0	0	0
20+54.031	1065.00	26.96	181.46	8.00	0.00	128	8	0	128	0	120
20+71.342	1082.31	17.31	223.02	8.00	0.61	130	5	0	258	0	245
20+91.622	1102.59	20.28	116.22	8.00	0.00	127	6	0	385	0	366
21+00	1110.97	8.38	106.78	8.00	0.66	35	2	0	420	0	399
21+05.721	1116.69	5.72	99.59	8.00	0.00	22	2	0	442	0	419
21+23.82	1134.79	18.10	91.57	8.00	0.00	64	5	0	506	0	478

EAST GATE DRIVE EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
09+06.033	906.03	0.00	95.11	8.00	0.00	0	0	0	0	0	0
09+14.874	914.87	8.84	105.85	8.00	0.00	33	3	0	33	0	30
09+33.835	933.83	18.96	128.50	8.00	3.37	82	6	1	115	1	105
09+50	950.00	16.17	217.73	8.00	0.00	104	5	1	219	3	203
09+75	975.00	25.00	94.83	8.00	0.67	145	7	0	364	3	341

GOPHER HILL ROAD (SOUTH) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
08+20	820.00	0.00	88.87	8.00	0.00	0	0	0	0	0	0
08+25	825.00	5.00	89.92	8.00	0.18	17	1	0	17	0	16
08+50	850.00	25.00	96.69	8.00	0.11	86	7	0	103	0	95
08+54.765	854.77	4.77	91.65	8.00	5.42	17	1	0	120	0	111
08+75	875.00	20.23	104.11	8.00	4.45	73	6	4	193	5	173
09+00	900.00	25.00	145.29	8.00	44.06	115	7	22	308	33	254
09+15	915.00	15.00	257.51	8.00	0.00	112	4	12	420	48	347
09+29.12	929.12	14.12	231.95	8.00	0.00	128	4	0	548	48	471
09+51.233	951.23	22.11	138.26	8.00	0.01	152	7	0	700	48	616
09+71.444	971.44	20.21	64.96	8.00	0.00	76	6	0	776	48	686

BEGGAN LANE EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
10+48.17	1048.17	0.00	147.76	8.00	0.00	0	0	0	0	0	0
10+48.17	1048.17	0.00	0.00	8.00	0.00	0	0	0	0	0	0
10+48.17	1048.17	0.00	0.00	8.00	0.00	0	0	0	0	0	0
10+60.747	1060.75	12.58	108.36	8.00	0.00	25	4	0	25	0	21
10+81.988	1081.99	21.24	80.21	8.00	0.00	74	6	0	99	0	89
10+90.681	1090.68	8.69	76.22	8.00	0.00	25	3	0	124	0	111

ASH ROAD EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
10+25.952	1025.95	0.00	84.32	8.00	11.39	0	0	0	0	0	0
10+39.252	1039.25	13.30	149.99	8.00	10.26	58	4	5	58	6	48
10+50	1050.00	10.75	199.95	8.00	7.63	70	3	4	128	11	110
10+60	1060.00	10.00	110.65	8.00	27.81	58	3	7	186	20	156
10+68.651	1068.65	8.65	94.52	8.00	10.99	33	3	6	219	28	179
10+82.212	1082.21	13.56	90.94	8.00	0.19	47	4	3	266	31	218
10+99.973	1099.97	17.76	90.05	8.00	0.00	60	5	0	326	31	273

HUTISFORD ROAD (NORTH) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
10+24.608	1024.61	0.00	316.83	8.00	0.00	0	0	0	0	0	0
10+32.292	1032.29	7.68	221.42	8.00	19.03	77	2	3	77	4	71
10+50	1050.00	17.71	116.05	8.00	155.20	111	5	57	188	75	106
10+80.198	1080.20	30.20	90.55	8.00	34.66	116	9	106	304	208	81
10+91.126	1091.13	10.93	87.23	8.00	0.00	36	3	7	340	216	105

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	=(CUT-SALVAGED PAVT-(FILL)*FILL FACTOR)

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HUTISFORD ROAD (SOUTH) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
09+30.104	930.10	0.00	111.08	8.00	0.00	0	0	0	0	0	0
09+32.131	932.13	2.03	112.15	8.00	0.00	8	1	0	8	0	7
09+50	950.00	17.87	152.16	8.00	3.69	87	5	1	95	1	88
09+53.595	953.60	3.60	108.47	8.00	9.08	17	1	1	112	3	103
09+62.154	962.15	8.56	212.12	8.00	0.57	51	3	2	163	5	148
09+75.756	975.76	13.60	128.60	8.00	7.82	86	4	2	249	8	228

HILLTOP ROAD EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
09+04.482	904.48	0.00	75.63	8.00	0.00	0	0	0	0	0	0
09+14.356	914.36	9.87	80.76	8.00	0.01	29	3	0	29	0	26
09+38.072	938.07	23.72	103.93	8.00	0.73	81	7	0	110	0	100
09+63.902	963.90	25.83	118.21	8.00	68.09	106	8	33	216	41	157
09+72.259	972.26	8.36	269.71	8.00	13.49	60	2	13	276	58	199
09+76.252	976.25	3.99	104.63	8.00	0.00	28	1	1	304	59	224

T-BAR LANE EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
10+24.061	1024.06	0.00	154.12	8.00	0.00	0	0	0	0	0	0
10+30	1030.00	5.94	199.27	8.00	32.62	39	2	4	39	5	32
10+50	1050.00	20.00	88.33	8.00	23.59	107	6	21	146	31	107
10+67.153	1067.15	17.15	74.02	8.00	12.98	52	5	12	198	46	139
10+78.296	1078.30	11.14	63.23	8.00	2.70	28	3	3	226	50	160
10+88.681	1088.68	10.39	64.18	8.00	3.01	25	3	1	251	51	181

HIGHVIEW ROAD EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
20+24.866	1039.41	0.00	127.25	8.00	0.00	0	0	0	0	0	0
20+36.924	1051.47	12.06	231.59	8.00	0.00	80	4	0	80	0	76
20+50	1064.55	13.08	127.88	8.00	0.00	87	4	0	167	0	159
20+75	1089.55	25.00	83.94	8.00	0.00	98	7	0	265	0	250
20+88.661	1103.21	13.66	80.51	8.00	0.00	42	4	0	307	0	288

CTH SC EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
10+24.071	1024.07	0.00	182.75	8.00	12.73	0	0	0	0	0	0
10+30.208	1030.21	6.14	281.03	8.00	11.47	53	2	3	53	4	47
10+50	1050.00	19.79	158.53	8.00	1.22	161	6	5	214	10	196
10+53.579	1053.58	3.58	148.28	8.00	1.14	20	1	0	234	10	215
10+58.684	1058.68	5.11	131.83	8.00	0.41	26	2	0	260	10	239
10+67.126	1067.13	8.44	119.60	8.00	0.11	39	3	0	299	10	275
10+82.015	1082.01	14.89	102.03	8.00	0.15	61	4	0	360	10	332
11+00	1100.00	17.99	88.25	8.00	0.16	63	5	0	423	10	390

MARIETTA AVENUE EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
09+10.213	910.21	0.00	89.17	8.00	0.00	0	0	0	0	0	0
09+18.588	918.59	8.38	96.58	8.00	0.00	29	2	0	29	0	27
09+28.647	928.65	10.06	101.41	8.00	0.00	37	3	0	66	0	61
09+50	950.00	21.35	173.22	8.00	0.00	109	6	0	175	0	164
09+75.232	975.23	25.23	102.48	8.00	0.00	129	7	0	304	0	286

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	=(CUT-SALVAGED PAVT-(FILL)*FILL FACTOR)

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PROJECT NO: 1370-00-73 | HWY: STH 16 | COUNTY: JEFFERSON | EARTHWORK DATA | SHEET 442 | E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 10

PLOT DATE : 8/31/2024 6:40 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1" = 1'

HAWTHORNE DRIVE EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
10+24.94	1024.94	0.00	266.01	8.00	0.00	0	0	0	0	0	0
10+34.441	1034.44	9.50	147.41	8.00	0.00	73	3	0	73	0	70
10+50	1050.00	15.56	103.86	8.00	0.00	72	5	0	145	0	137
10+64	1064.00	14.00	80.76	8.00	0.00	48	4	0	193	0	181

NORTH ROAD (NORTH) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
20+25	1028.54	0.00	99.34	8.00	0.00	0	0	0	0	0	0
20+47.455	1051.00	22.45	183.13	8.00	0.00	117	7	0	117	0	110
20+70	1073.54	22.55	111.53	8.00	0.00	123	7	0	240	0	226
20+80.194	1083.74	10.19	101.46	8.00	0.00	40	3	0	280	0	263
20+93.933	1097.48	13.74	107.29	8.00	0.00	53	4	0	333	0	312

NORTH ROAD (SOUTH) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
09+20.626	920.63	0.00	110.94	8.00	0.00	0	0	0	0	0	0
09+30.633	930.63	10.01	119.96	8.00	0.00	43	3	0	43	0	40
09+50	950.00	19.37	222.41	8.00	0.00	123	6	0	166	0	157
09+61.845	961.85	11.85	162.44	8.00	0.00	84	4	0	250	0	237
09+73.955	973.96	12.11	101.73	8.00	0.00	59	4	0	309	0	292

RIVER VALLEY ROAD (NORTH) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
10+25	1025.00	0.00	67.27	8.00	0.00	0	0	0	0	0	0
10+50	1050.00	25.00	132.80	8.00	0.00	93	7	0	93	0	86
10+61.669	1061.67	11.67	184.49	8.00	0.00	69	3	0	162	0	152
10+70.378	1070.38	8.71	227.27	8.00	0.00	66	3	0	228	0	215
10+75	1075.00	4.62	173.71	8.00	0.00	34	1	0	262	0	248
11+00	1100.00	25.00	102.59	8.00	0.00	128	7	0	390	0	369
11+09.239	1109.24	9.24	93.72	8.00	0.00	34	3	0	424	0	400

RIVER VALLEY (SOUTH) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
08+63.239	863.24	0.00	104.03	8.00	0.00	0	0	0	0	0	0
08+77.993	877.99	14.75	101.38	8.00	0.00	56	4	0	56	0	52
08+92.64	892.64	14.65	104.47	8.00	0.00	56	4	0	112	0	104
09+00	900.00	7.36	107.33	8.00	0.00	29	2	0	141	0	131
09+15	915.00	15.00	124.09	8.00	0.00	64	4	0	205	0	191
09+30.208	930.21	15.21	229.13	8.00	0.00	99	5	0	304	0	285
09+50	950.00	19.79	154.42	8.00	0.00	141	6	0	445	0	420
09+72.396	972.40	22.40	66.13	8.00	0.00	91	7	0	536	0	504

ROCK RIVER ROAD (NORTH) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
20+25.704	1034.12	0.00	104.28	8.00	0.00	0	0	0	0	0	0
20+50	1058.41	24.30	131.23	8.00	0.00	106	7	0	106	0	99
20+73.524	1081.94	23.52	90.10	8.00	0.00	96	7	0	202	0	188
20+85.403	1093.82	11.88	87.83	8.00	0.00	39	4	0	241	0	223
20+95.862	1104.27	10.46	91.05	8.00	0.00	35	3	0	276	0	255

ROCK RIVER ROAD (SOUTH) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
09+12.08	912.08	0.00	70.81	8.00	0.00	0	0	0	0	0	0
09+22.619	922.62	10.54	79.62	8.00	0.00	29	3	0	29	0	26
09+25	925.00	2.38	80.23	8.00	0.00	7	1	0	36	0	32
09+50	950.00	25.00	126.53	8.00	0.00	96	7	0	132	0	121
09+65.107	965.11	15.11	242.80	8.00	0.00	103	4	0	235	0	220
09+75	975.00	9.89	137.43	8.00	0.00	70	3	0	305	0	287

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	=(CUT-SALVAGED PAVT-(FILL)*FILL FACTOR)

9

9

PROJECT NO: 1370-00-73 | HWY: STH 16 | COUNTY: JEFFERSON | EARTHWORK DATA | SHEET 443 | E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 11

PLOT DATE : 8/31/2024 6:41 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

STH 16 EB (BEGIN TO ROUNDABOUT) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
70+52.825	7052.82	0.00	61.30	0.00	0.00	0	0	0	0	0	0
70+74.451	7074.45	21.63	60.09	0.00	0.00	49	0	0	49	0	49
71+00	7100.00	25.55	62.12	0.00	0.00	58	0	0	107	0	107
71+91.099	7191.10	91.10	74.66	0.00	0.00	231	0	0	338	0	338
72+00	7200.00	8.90	77.79	0.00	0.00	25	0	0	363	0	363
72+16.079	7216.08	16.08	88.02	0.00	0.00	49	0	0	412	0	412
72+35.436	7235.44	19.36	90.00	0.00	0.09	64	0	0	476	0	476
72+40.958	7240.96	5.52	90.36	0.00	0.56	18	0	0	494	0	494
73+00	7300.00	59.04	112.63	0.00	0.00	222	0	1	716	1	715
73+30.724	7330.72	30.72	119.93	0.00	0.00	132	0	0	848	1	847
73+58.927	7358.93	28.20	119.29	0.00	0.00	125	0	0	973	1	972
73+95	7395.00	36.07	139.30	0.00	0.00	173	0	0	1,146	1	1,145
74+00	7400.00	5.00	137.16	0.00	0.00	26	0	0	1,172	1	1,171
74+10.91	7410.91	10.91	129.70	0.00	0.07	54	0	0	1,226	1	1,225
74+26.011	7426.01	15.10	105.26	0.00	0.46	66	0	0	1,292	1	1,291
74+33.79	7433.79	7.78	99.73	0.00	1.05	30	0	0	1,322	1	1,321
74+81.797	7481.80	48.01	28.79	0.00	27.91	114	0	26	1,436	34	1,402
74+90.633	7490.63	8.84	25.54	0.00	39.59	9	0	11	1,445	48	1,398
75+00	7500.00	9.37	24.28	0.00	43.05	9	0	14	1,454	65	1,389
75+21.818	7521.82	21.82	21.04	0.00	57.45	18	0	41	1,472	116	1,356
75+21.818	7521.82	0.00	0.00	0.00	0.00	0	0	0	1,472	116	1,356
75+33.739	7533.74	11.92	19.58	0.00	101.03	4	0	22	1,476	144	1,332
75+53.003	7553.00	19.26	12.86	0.00	67.98	12	0	60	1,488	219	1,269

STH 16 EB (ROUNDABOUT TO END) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
76+94.708	7694.71	0.00	0.51	0.00	262.63	0	0	0	0	0	0
77+00	7700.00	5.29	0.32	0.00	272.49	0	0	52	0	65	-65
77+17.053	7717.05	17.05	1.59	0.00	271.30	1	0	172	1	280	-279
77+42.404	7742.40	25.35	5.79	0.00	110.61	3	0	179	4	504	-500
77+47.763	7747.76	5.36	6.75	0.00	86.44	1	0	20	5	529	-524
77+57.98	7757.98	10.22	9.20	0.00	69.92	3	0	30	8	566	-558
77+90.111	7790.11	32.13	18.33	0.00	75.77	16	0	87	24	675	-651
77+97.796	7797.80	7.69	20.30	0.00	78.06	5	0	22	29	703	-674
78+00	7800.00	2.20	20.67	0.00	77.54	2	0	6	31	710	-679
78+22.705	7822.70	22.70	28.71	0.00	65.77	21	0	60	52	785	-733
78+36.839	7836.84	14.13	33.34	0.00	53.44	16	0	31	68	824	-756
79+00	7900.00	63.16	50.10	0.00	40.81	98	0	110	166	961	-795
79+18.553	7918.55	18.55	53.31	0.00	41.84	36	0	28	202	996	-794
80+00	8000.00	81.45	57.01	0.00	25.15	166	0	101	368	1,123	-755
80+35	8035.00	35.00	46.27	0.00	20.12	67	0	29	435	1,159	-724
80+86	8086.00	51.00	42.99	0.00	27.82	84	0	45	519	1,215	-696
81+00	8100.00	14.00	42.19	0.00	30.15	22	0	15	541	1,234	-693
81+37	8137.00	37.00	39.40	0.00	38.79	56	0	47	597	1,293	-696
81+45	8145.00	8.00	38.44	0.00	37.89	12	0	11	609	1,306	-697
81+46.813	8146.81	1.81	38.83	0.00	37.09	3	0	3	612	1,310	-698
82+00	8200.00	53.19	37.28	0.00	29.40	75	0	65	687	1,391	-704
83+00	8300.00	100.00	40.97	0.00	7.03	145	0	67	832	1,475	-643
84+00	8400.00	100.00	46.44	0.00	0.00	162	0	13	994	1,491	-497
84+24.705	8424.70	24.70	102.14	0.00	0.00	68	0	0	1,062	1,491	-429
84+66.84	8466.84	42.14	102.03	0.00	0.00	159	0	0	1,221	1,491	-270
84+74.84	8474.84	8.00	102.86	0.00	0.00	30	0	0	1,251	1,491	-240
85+00	8500.00	25.16	104.27	0.00	0.00	97	0	0	1,348	1,491	-143
85+03.514	8503.51	3.51	105.19	0.00	0.00	14	0	0	1,362	1,491	-129
85+25.84	8525.84	22.33	108.65	0.00	0.00	88	0	0	1,450	1,491	-41
85+76.84	8576.84	51.00	119.43	0.00	0.00	215	0	0	1,665	1,491	174
86+00	8600.00	23.16	118.99	0.00	0.00	102	0	0	1,767	1,491	276
86+14.2	8614.20	14.20	118.03	0.00	0.00	62	0	0	1,829	1,491	338

STH 16 WB (BEGIN TO ROUNDABOUT) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
178+35	17835.00	0.00	62.84	0.00	0.00	0	0	0	0	0	0
179+00	17900.00	65.00	60.53	0.00	0.00	149	0	0	149	0	149
180+00	18000.00	100.00	74.35	0.00	0.00	250	0	0	399	0	399
180+16.797	18016.80	16.80	76.41	0.00	0.00	47	0	0	446	0	446
180+22.288	18022.29	5.49	77.00	0.00	0.00	16	0	0	462	0	462
180+80.986	18080.99	58.70	67.49	0.00	13.45	157	0	15	619	19	600
180+88.956	18088.96	7.97	65.38	0.00	15.29	20	0	4	639	24	615
181+00	18100.00	11.04	62.66	0.00	17.35	26	0	7	665	33	633
181+11.529	18111.53	11.53	59.63	0.00	19.04	26	0	8	691	43	649
181+39.561	18139.56	28.03	58.04	0.00	20.71	61	0	21	752	69	683
181+45.864	18145.86	6.30	40.00	0.00	21.36	11	0	5	763	75	688
181+75.554	18175.55	29.69	32.28	0.00	22.49	40	0	24	803	105	698
181+80.509	18180.51	4.95	30.35	0.00	22.78	6	0	4	809	110	699
181+91.324	18191.32	10.82	26.43	0.00	24.12	11	0	9	820	121	699
182+00	18200.00	8.68	24.59	0.00	25.87	8	0	8	828	131	697
182+06.301	18206.30	6.30	20.06	0.00	27.69	5	0	6	833	139	694
182+15	18215.00	8.70	14.84	0.00	31.40	6	0	10	839	151	688
182+25	18225.00	10.00	12.57	0.00	42.42	5	0	14	844	169	675
182+43.188	18243.19	18.19	7.08	0.00	54.27	7	0	33	851	210	641
182+62.073	18262.07	18.88	1.45	0.00	68.15	3	0	43	854	264	590
182+70.589	18270.59	8.52	0.20	0.00	74.44	0	0	22	854	291	563
182+79.409	18279.41	8.82	0.00	0.00	82.88	0	0	26	854	324	530
182+80.303	18280.30	0.89	0.00	0.00	84.30	0	0	3	854	328	527
183+00	18300.00	19.70	0.00	0.00	137.17	0	0	81	854	429	425
183+02.182	18302.18	2.18	0.00	0.00	143.71	0	0	11	854	443	412
183+18.481	18318.48	16.30	0.00	0.00	148.78	0	0	88	854	553	302
183+26.661	18326.66	8.18	0.00	0.00	125.25	0	0	42	854	605	249
183+43.37	18343.37	16.71	0.00	0.00	89.87	0	0	67	854	689	165

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	=(CUT-SALVAGED PAVT-(FILL)*FILL FACTOR)

STH 16 WB (ROUNDABOUT TO END) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
184+88.85	18488.85	0.00	26.20	0.00	180.50	0	0	0	0	0	0
185+00	18500.00	11.15	26.00	0.00	171.86	11	0	73	11	91	-80
185+02.769	18502.77	2.77	25.99	0.00	172.59	3	0	18	14	114	-100
185+19.66	18519.66	16.89	26.48	0.00	138.41	16	0	97	30	235	-205
185+27.098	18527.10	7.44	27.39	0.00	133.31	7	0	37	37	281	-244
185+28.912	18528.91	1.81	27.75	0.00	131.61	2	0	9	39	293	-254
185+33.404	18533.40	4.49	28.48	0.00	122.46	5	0	21	44	319	-275
185+42.236	18542.24	8.83	31.48	0.00	108.82	10	0	38	54	366	-312
185+50.484	18550.48	8.25	34.90	0.00	95.35	10	0	31	64	405	-341
185+68.78	18568.78	18.30	7.74	0.00	38.17	14	0	45	78	461	-383
185+73.359	18573.36	4.58	11.10	0.00	33.98	2	0	6	80	469	-389
185+81.028	18581.03	7.67	17.16	0.00	37.22	4	0	10	84	481	-397
185+83.227	18583.23	2.20	19.58	0.00	38.20	1	0	3	85	485	-400
186+00	18600.00	16.77	40.56	0.00	44.00	19	0	26	104	518	-414
186+05.916	18605.92	5.92	47.92	0.00	43.33	10	0	10	114	530	-416
186+12.801	18612.80	6.88	57.97	0.00	43.69	14	0	11	128	544	-416
186+30	18630.00	17.20	81.95	0.00	34.08	45	0	25	173	575	-402
186+37.801	18637.80	7.80	86.67	0.00	27.00	24	0	9	197	586	-389
186+43.521	18643.52	5.72	89.93	0.00	23.49	19	0	5	216	593	-377
186+55	18655.00	11.48	88.99	0.00	21.72	38	0	10	254	605	-351
186+64.501	18664.50	9.50	85.76	0.00	19.60	31	0	7	285	614	-329
186+84.362	18684.36	19.86	99.46	0.00	14.98	68	0	13	353	630	-277
186+85.48	18685.48	1.12	100.53	0.00	14.88	4	0	1	357	631	-274
187+00	18700.00	14.52	107.35	0.00	12.53	56	0	7	413	640	-227
187+70	18770.00	70.00	52.69	0.00	6.11	207	0	24	620	670	-50
187+84.156	18784.16	14.16	54.63	0.00	5.95	28	0	3	648	674	-26
188+00	18800.00	15.84	58.31	0.00	3.73	33	0	3	681	678	4
188+03.372	18803.37	3.37	59.11	0.00	3.50	7	0	0	688	678	11
188+19.331	18819.33	15.96	73.08	0.00	2.35	39	0	2	727	680	47
188+70.05	18870.05	50.72	68.81	0.00	0.00	133	0	2	860	683	178
188+83.986	18883.99	13.94	67.13	0.00	0.00	35	0	0	895	683	213
189+00	18900.00	16.01	65.19	0.00	0.00	39	0	0	934	683	252
189+20.842	18920.84	20.84	62.62	0.00	0.00	49	0	0	983	683	301
189+28.815	18928.82	7.97	61.28	0.00	0.00	18	0	0	1,001	683	319
189+30.622	18930.62	1.81	60.92	0.00	0.00	4	0	0	1,005	683	323
189+83.669	18983.67	53.05	56.68	0.00	0.00	116	0	0	1,121	683	439
190+00	19000.00	16.33	54.96	0.00	0.00	34	0	0	1,155	683	473
190+05.942	19005.94	5.94	54.32	0.00	0.00	12	0	0	1,167	683	485
191+00	19100.00	94.06	52.14	0.00	0.00	185	0	0	1,352	683	670
191+83.502	19183.50	83.50	55.29	0.00	0.00	166	0	0	1,518	683	836
192+00	19200.00	16.50	54.81	0.00	0.00	34	0	0	1,552	683	870
192+08.511	19208.51	8.51	54.88	0.00	0.00	17	0	0	1,569	683	887

EAST FRONTAGE ROAD (ROUNDABOUT TO END) EARTH WORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
13+44.53	1344.53	0.00	34.07	0.00	167.48	0	0	0	0	0	0
13+50	1350.00	5.47	34.68	0.00	157.25	7	0	33	7	41	-34
13+62.536	1362.54	12.54	35.57	0.00	132.27	16	0	67	23	125	-102
13+80.549	1380.55	18.01	57.67	0.00	86.56	31	0	73	54	216	-162
13+85.353	1385.35	4.80	67.25	0.00	74.13	11	0	14	65	234	-169
14+00	1400.00	14.65	110.44	0.00	26.20	48	0	27	113	268	-155
14+50	1450.00	50.00	211.57	0.00	0.00	298	0	24	411	298	114
14+64.676	1464.68	14.68	281.61	0.00	0.00	134	0	0	545	298	248
14+65	1465.00	0.32	42.23	0.00	0.00	2	0	0	547	298	250
14+75.776	1475.78	10.78	46.59	0.00	0.00	18	0	0	565	298	268
14+91.38	1491.38	15.60	62.66	0.00	0.00	32	0	0	597	298	300
15+00	1500.00	8.62	65.34	0.00	0.00	20	0	0	617	298	320
15+48.834	1548.83	48.83	51.08	0.00	0.00	105	0	0	722	298	425
15+50	1550.00	1.17	108.19	0.00	0.00	3	0	0	725	298	428
15+71.004	1571.00	21.00	64.75	0.00	0.00	67	0	0	792	298	495
16+00	1600.00	29.00	29.33	0.00	1.38	51	0	1	843	299	544
16+25	1625.00	25.00	9.87	0.00	4.05	18	0	3	861	303	559

WEST MAIN STREET (BEGIN TO ROUNDABOUT) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
100+00	10000.00	0.00	27.97	0.00	27.16	0	0	0	0	0	0
100+24.544	10024.54	24.54	20.05	0.00	40.69	22	0	31	22	39	-17
100+30.52	10030.52	5.98	17.39	0.00	45.68	4	0	10	26	51	-25
100+50	10050.00	19.48	6.93	0.00	74.57	9	0	43	35	105	-70
100+61.04	10061.04	11.04	2.23	0.00	95.08	2	0	35	37	149	-112
100+74.177	10074.18	13.14	0.13	0.00	135.27	1	0	56	38	219	-181
100+75	10075.00	0.82	0.09	0.00	138.87	0	0	4	38	224	-186
100+87.652	10087.65	12.65	0.00	0.00	188.92	0	0	77	38	320	-282
101+00	10100.00	12.35	0.00	0.00	178.91	0	0	84	38	425	-387
101+11.937	10111.94	11.94	0.39	0.00	172.99	0	0	78	38	523	-485
101+17.542	10117.54	5.60	0.68	0.00	131.76	0	0	32	38	563	-525
101+25.878	10125.88	8.34	2.28	0.00	105.05	0	0	37	38	609	-571

EAST MAIN STREET (BEGIN TO ROUNDABOUT) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
10+00	1000.00	0.00	83.16	0.00	5.11	0	0	0	0	0	0
10+19	1019.00	19.00	78.42	0.00	11.22	57	0	6	57	8	50
10+50	1050.00	31.00	67.75	0.00	19.61	84	0	18	141	30	111
11+00	1100.00	50.00	26.27	0.00	3.29	87	0	21	228	56	172
11+50	1150.00	50.00	5.38	0.00	44.25	29	0	44	257	111	146
11+63.854	1163.85	13.85	2.13	0.00	74.88	2	0	31	259	150	109
11+85.749	1185.75	21.90	1.14	0.00	126.36	1	0	82	260	253	8
11+96.465	1196.46	10.72	1.25	0.00	119.53	0	0	49	260	314	-54

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	=(CUT-SALVAGED PAVT-(FILL)*FILL FACTOR)

WEST FRONTAGE ROAD (ROUNDABOUT TO END) EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	INCREMENTAL VOL (CY) (UNADJUSTED) CUT	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL	INCREMENTAL VOL (CY) (UNADJUSTED) FILL	CUMULATIVE VOL (CY) CUT 1.00	CUMULATIVE VOL (CY) EXPANDED FILL 1.25	CUMULATIVE VOL (CY) MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
102+68.023	10268.02	0.00	0.00	0.00	122.89	0	0	0	0	0	0
102+75	10275.00	6.98	0.00	0.00	124.91	0	0	32	0	40	-40
102+80.832	10280.83	5.83	0.00	0.00	125.97	0	0	27	0	74	-74
102+92.859	10292.86	12.03	0.00	0.00	105.16	0	0	51	0	138	-138
102+94.647	10294.65	1.79	0.44	0.00	104.98	0	0	7	0	146	-146
103+00	10300.00	5.35	8.32	0.00	98.80	1	0	20	1	171	-170
103+06.192	10306.19	6.19	19.41	0.00	93.19	3	0	22	4	199	-195
103+42.855	10342.85	36.66	28.61	0.00	55.22	33	0	101	37	325	-288
103+50	10350.00	7.15	26.55	0.00	52.29	7	0	14	44	343	-299
103+54.411	10354.41	4.41	27.77	0.00	52.28	4	0	9	48	354	-306
103+55.741	10355.74	1.33	28.36	0.00	53.07	1	0	3	49	358	-309
103+63.46	10363.46	7.72	32.58	0.00	54.59	9	0	15	58	376	-318
103+77.35	10377.35	13.89	59.63	0.00	49.63	24	0	27	82	410	-328
103+84.779	10384.78	7.43	61.85	0.00	53.04	17	0	14	99	428	-329
104+00	10400.00	15.22	60.15	0.00	59.45	34	0	32	133	468	-335
104+25	10425.00	25.00	40.24	0.00	68.45	46	0	59	179	541	-362
104+30	10430.00	5.00	34.35	0.00	70.17	7	0	13	186	558	-372
104+43.46	10443.46	13.46	18.35	0.00	75.42	13	0	36	199	603	-404
104+50.795	10450.80	7.34	10.03	0.00	76.78	4	0	21	203	629	-426
104+79.701	10479.70	28.91	0.00	0.00	69.26	5	0	78	208	726	-518
105+00	10500.00	20.30	0.00	0.00	54.40	0	0	46	208	784	-576
105+04.692	10504.69	4.69	0.00	0.00	49.86	0	0	9	208	795	-587
105+05.004	10505.00	0.31	9.70	0.00	53.62	0	0	1	208	796	-588
105+25	10525.00	20.00	6.21	0.00	33.63	6	0	32	214	836	-622
105+50	10550.00	25.00	22.22	0.00	21.24	13	0	25	227	868	-641
105+74.895	10574.90	24.90	42.93	0.00	15.14	30	0	17	257	889	-632
106+00	10600.00	25.10	62.73	0.00	9.23	49	0	11	306	903	-597
106+45	10645.00	45.00	88.55	0.00	2.50	126	0	10	432	915	-483
106+45.099	10645.10	0.10	88.59	0.00	2.49	0	0	0	432	915	-483

OAK HILL ROAD EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	INCREMENTAL VOL (CY) (UNADJUSTED) CUT	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL	INCREMENTAL VOL (CY) (UNADJUSTED) FILL	CUMULATIVE VOL (CY) CUT 1.00	CUMULATIVE VOL (CY) EXPANDED FILL 1.25	CUMULATIVE VOL (CY) MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
10+22.285	1022.28	0.00	420.47	0.00	0.00	0	0	0	0	0	0
10+40.284	1040.28	18.00	461.35	0.00	0.00	294	0	0	294	0	294
10+50	1050.00	9.72	524.60	0.00	0.00	177	0	0	471	0	471
10+61.937	1061.94	11.94	729.63	0.00	0.03	277	0	0	748	0	748
10+75	1075.00	13.06	751.74	0.00	0.00	358	0	0	1,106	0	1,106
10+80	1080.00	5.00	728.80	0.00	0.00	137	0	0	1,243	0	1,243
11+00	1100.00	20.00	692.58	0.00	0.00	526	0	0	1,769	0	1,769
11+25	1125.00	25.00	624.16	0.00	0.00	610	0	0	2,379	0	2,379
11+50	1150.00	25.00	458.65	0.00	0.00	501	0	0	2,880	0	2,880
11+65	1165.00	15.00	402.58	0.00	0.35	239	0	0	3,119	0	3,119
11+75	1175.00	10.00	409.91	0.00	0.00	150	0	0	3,269	0	3,269
12+00	1200.00	25.00	304.72	0.00	0.00	331	0	0	3,600	0	3,600
12+09.541	1209.54	9.54	270.60	0.00	0.00	102	0	0	3,702	0	3,702
12+25	1225.00	15.46	230.93	0.00	0.00	144	0	0	3,846	0	3,846
12+50	1250.00	25.00	157.64	0.00	0.00	180	0	0	4,026	0	4,026
12+75	1275.00	25.00	111.46	0.00	1.23	125	0	1	4,151	1	4,150
12+78.461	1278.46	3.46	104.59	0.00	1.62	14	0	0	4,165	1	4,164
13+00	1300.00	21.54	78.23	0.00	3.17	73	0	2	4,238	4	4,234
13+10	1310.00	10.00	66.12	0.00	3.33	27	0	1	4,265	5	4,260
13+20.01	1320.01	10.01	62.58	0.00	2.44	24	0	1	4,289	6	4,283
13+25	1325.00	4.99	61.45	0.00	1.41	11	0	0	4,300	6	4,294
13+47.381	1347.38	22.38	38.02	0.00	1.25	41	0	1	4,341	8	4,334
13+50	1350.00	2.62	37.77	0.00	1.12	4	0	0	4,345	8	4,338

ROUNDABOUT EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	INCREMENTAL VOL (CY) (UNADJUSTED) CUT	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL	INCREMENTAL VOL (CY) (UNADJUSTED) FILL	CUMULATIVE VOL (CY) CUT 1.00	CUMULATIVE VOL (CY) EXPANDED FILL 1.25	CUMULATIVE VOL (CY) MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
00+00.01	0.01	0.00	0.00	0.00	308.74	0	0	0	0	0	0
00+06.349	6.35	6.34	0.00	0.00	290.06	0	0	70	0	88	-88
00+20.944	20.94	14.59	7.86	0.00	210.75	2	0	135	2	256	-254
00+25	25.00	4.06	12.57	0.00	209.16	2	0	32	4	296	-292
00+44.592	44.59	19.59	23.79	0.00	279.10	13	0	177	17	518	-501
00+50	50.00	5.41	25.69	0.00	257.17	5	0	54	22	585	-563
00+70.634	70.63	20.63	10.45	0.00	200.51	14	0	175	36	804	-768
00+75	75.00	4.37	10.45	0.00	207.93	2	0	33	38	845	-807
00+76.554	76.55	1.55	10.73	0.00	209.36	1	0	12	39	860	-821
00+82.624	82.62	6.07	11.91	0.00	208.79	3	0	47	42	919	-877
00+86.394	86.39	3.77	12.69	0.00	200.20	2	0	29	44	955	-911
00+91.997	92.00	5.60	13.97	0.00	198.30	3	0	41	47	1,006	-959
01+00	100.00	8.00	17.21	0.00	198.87	5	0	59	52	1,080	-1,028
01+21.833	121.83	21.83	7.97	0.00	392.08	10	0	239	62	1,379	-1,317
01+25	125.00	3.17	6.47	0.00	410.52	1	0	47	63	1,438	-1,375
01+34.327	134.33	9.33	4.68	0.00	466.03	2	0	151	65	1,626	-1,561
01+50	150.00	15.67	3.37	0.00	228.62	2	0	202	67	1,879	-1,812
01+56.957	156.96	6.96	1.30	0.00	216.15	1	0	57	68	1,950	-1,882
01+72.788	172.79	15.83	0.00	0.00	241.62	0	0	134	68	2,118	-2,050
01+77.303	177.30	4.52	0.00	0.00	252.97	0	0	41	68	2,169	-2,101
01+84.5	184.50	7.20	0.00	0.00	252.35	0	0	67	68	2,253	-2,185
01+88.617	188.62	4.12	0.00	0.00	255.58	0	0	39	68	2,301	-2,233
02+00	200.00	11.38	0.00	0.00	290.44	0	0	115	68	2,445	-2,377
02+08.5	208.50	8.50	0.00	0.00	467.42	0	0	119	68	2,594	-2,526
02+14.777	214.78	6.28	30.43	0.00	462.98	4	0	108	72	2,729	-2,657
02+17.173	217.17	2.40	29.42	0.00	450.93	3	0	41	75	2,780	-2,705
02+25	225.00	7.83	0.00	0.00	414.12	4	0	125	79	2,936	-2,857
02+32.5	232.50	7.50	0.00	0.00	307.99	0	0	100	79	3,061	-2,982
02+46.38	246.38	13.88	0.00	0.00	270.30	0	0	149	79	3,248	-3,169
02+50	250.00	3.62	0.00	0.00	273.46	0	0	36	79	3,293	-3,214
02+59.181	259.18	9.18	0.00	0.00	312.71	0	0	100	79	3,418	-3,339
02+64.684	264.68	5.50	0.00	0.00	355.31	0	0	68	79	3,503	-3,424
02+75	275.00	10.32	0.00	0.00	280.30	0	0	121	79	3,654	-3,575
02+79.176	279.18	4.18	0.00	0.00	291.16	0	0	44	79	3,709	-3,630
03+00	300.00	20.82	0.00	0.00	338.57	0	0	243	79	4,013	-3,934
03+03.18	303.18	3.18	0.00	0.00	361.86	0	0	41	79	4,064	-3,985
03+13.309	313.31	10.13	0.00	0.00	401.33	0	0	143	79	4,243	-4,164
03+28.18	328.18	14.87	0.00	0.00	326.59	0	0	200	79	4,493	-4,414
03+34.264	334.26	6.08	0.00	0.00	310.16	0	0	72	79	4,583	-4,504
03+45.57	345.57	11.31	0.00	0.00	308.78	0	0	130	79	4,745	-4,666

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	=(CUT-SALVAGED PAVT-(FILL)*FILL FACTOR)

9

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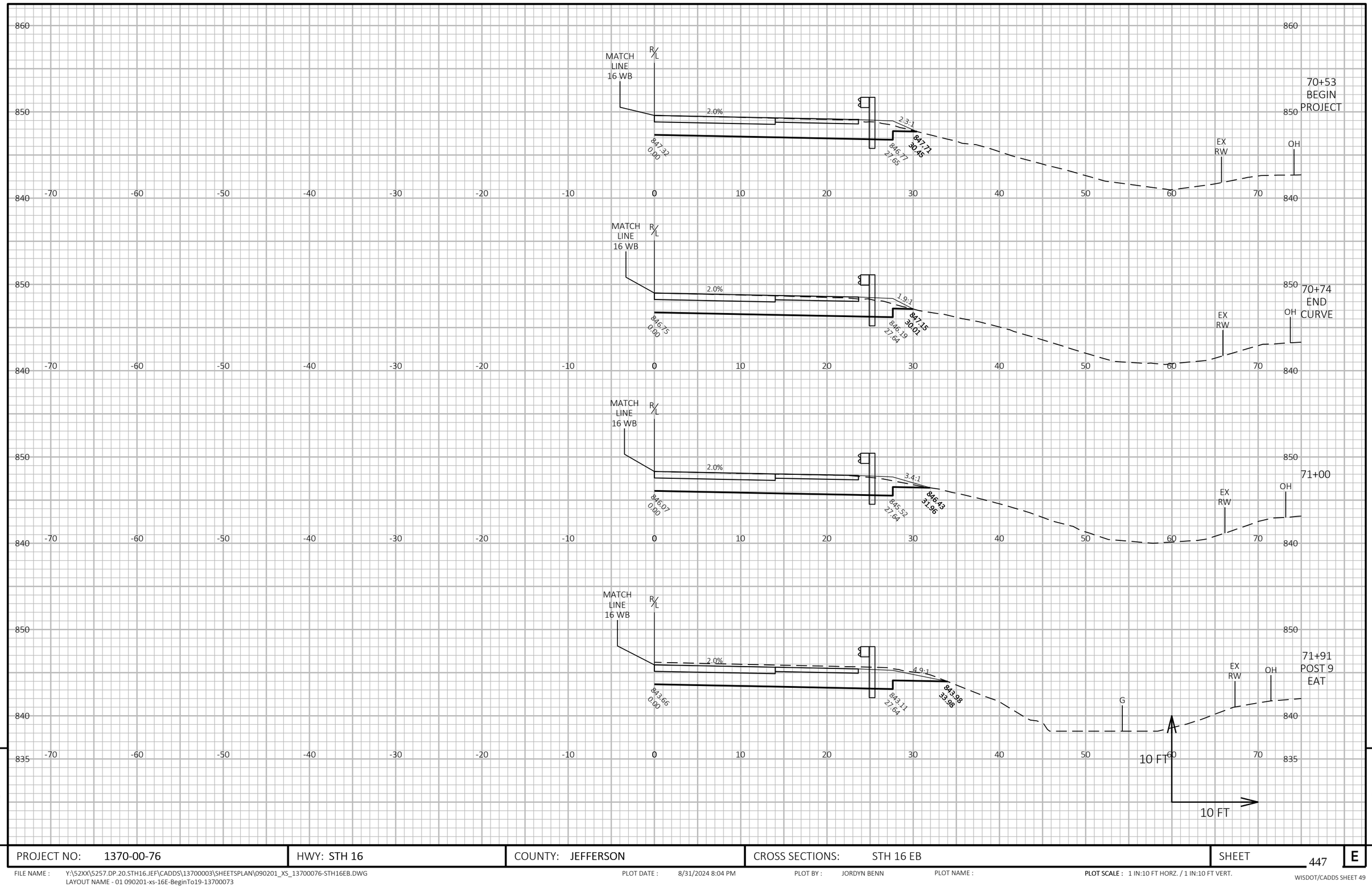
PROJECT NO: 1370-00-73 | HWY: STH 16 | COUNTY: JEFFERSON | EARTHWORK DATA | SHEET 446 | E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090102-EW.DWG
LAYOUT NAME - 03

PLOT DATE : 8/29/2024 2:36 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1" = 1'



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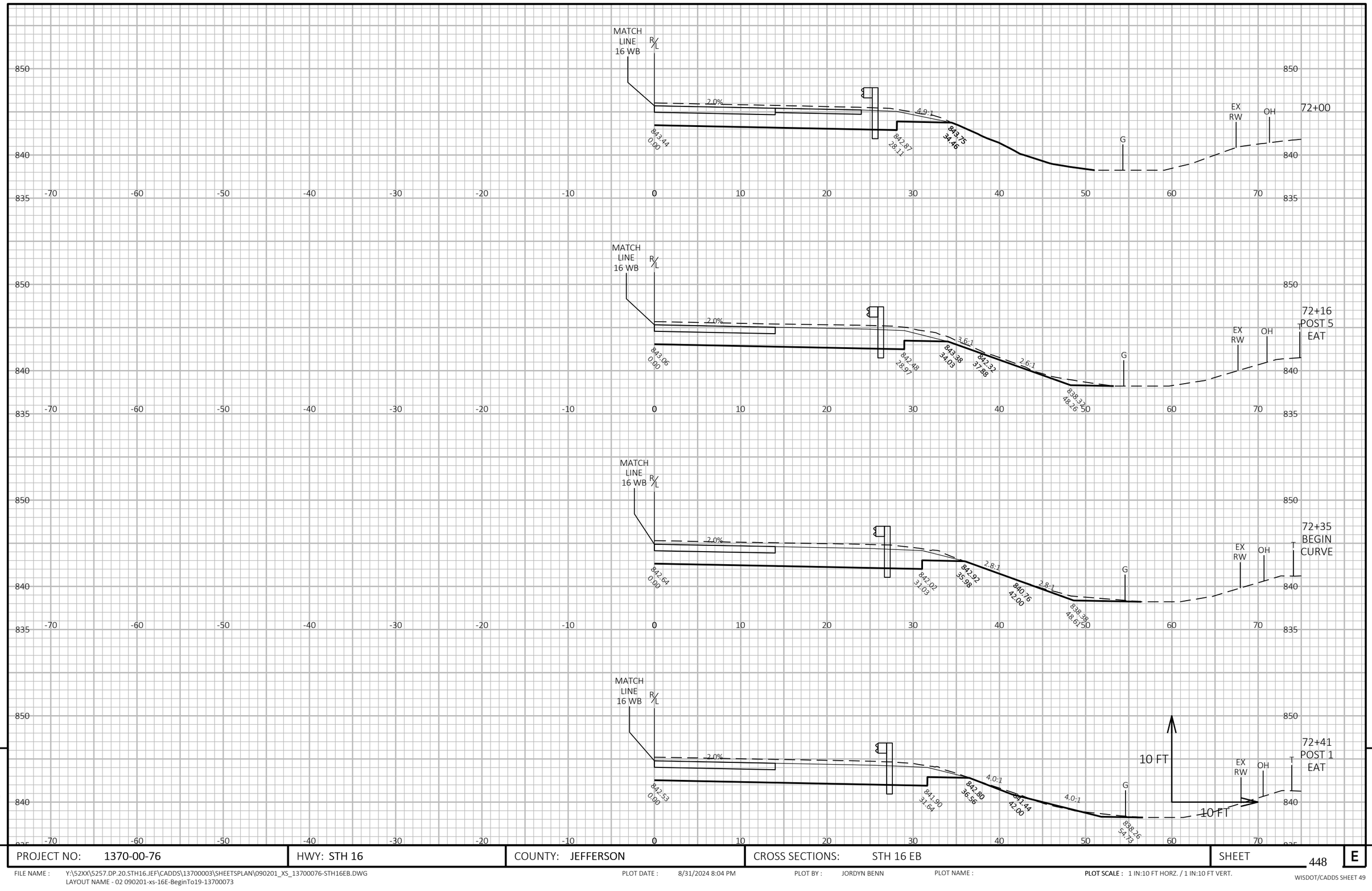
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 447	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090201_XS_13700076-STH16EB.DWG
LAYOUT NAME - 01 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/31/2024 8:04 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 448	E

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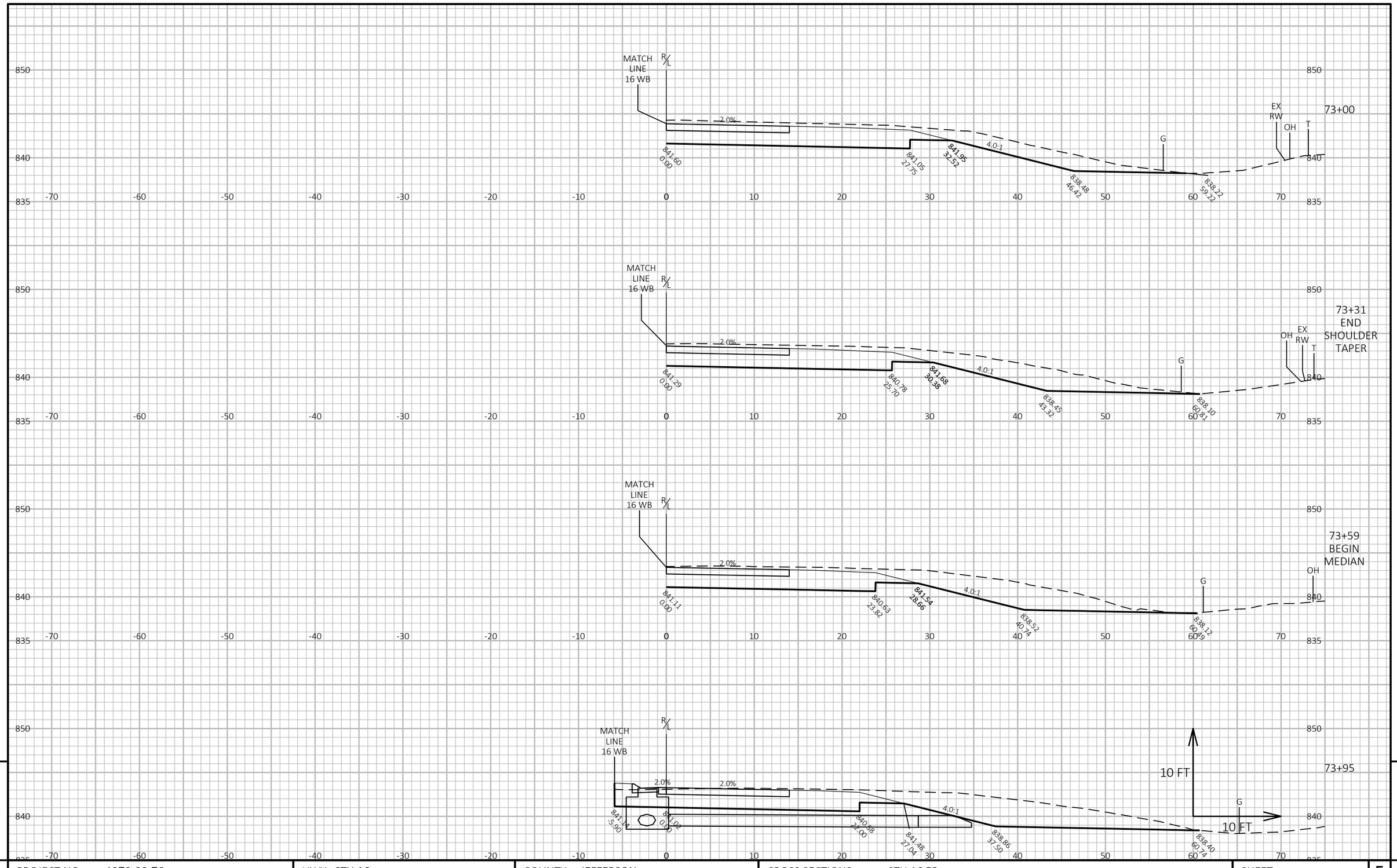
LAYOUT NAME - 02 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/31/2024 8:04 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 449	E

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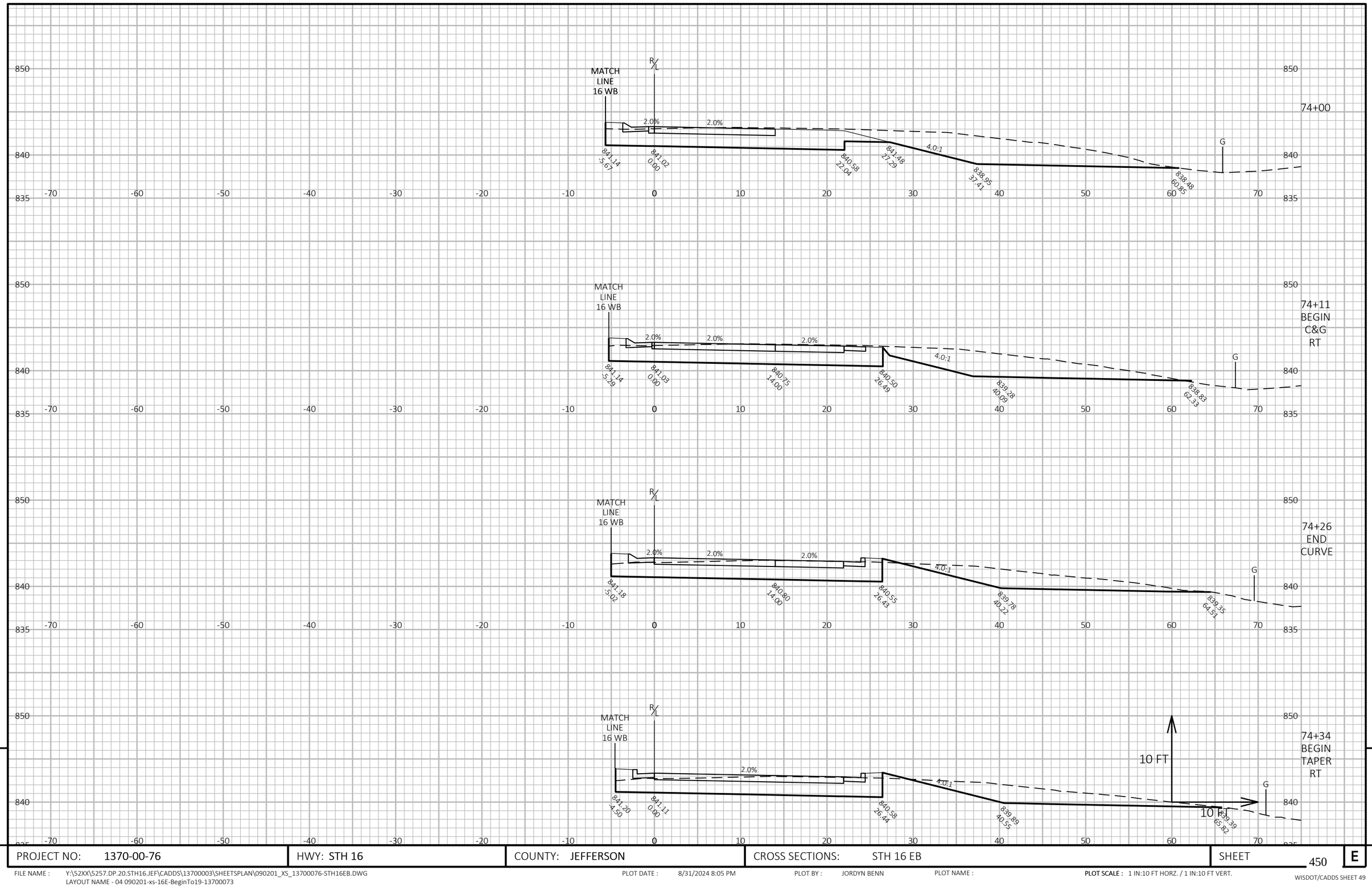
LAYOUT NAME - 03 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/31/2024 8:05 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 450	E

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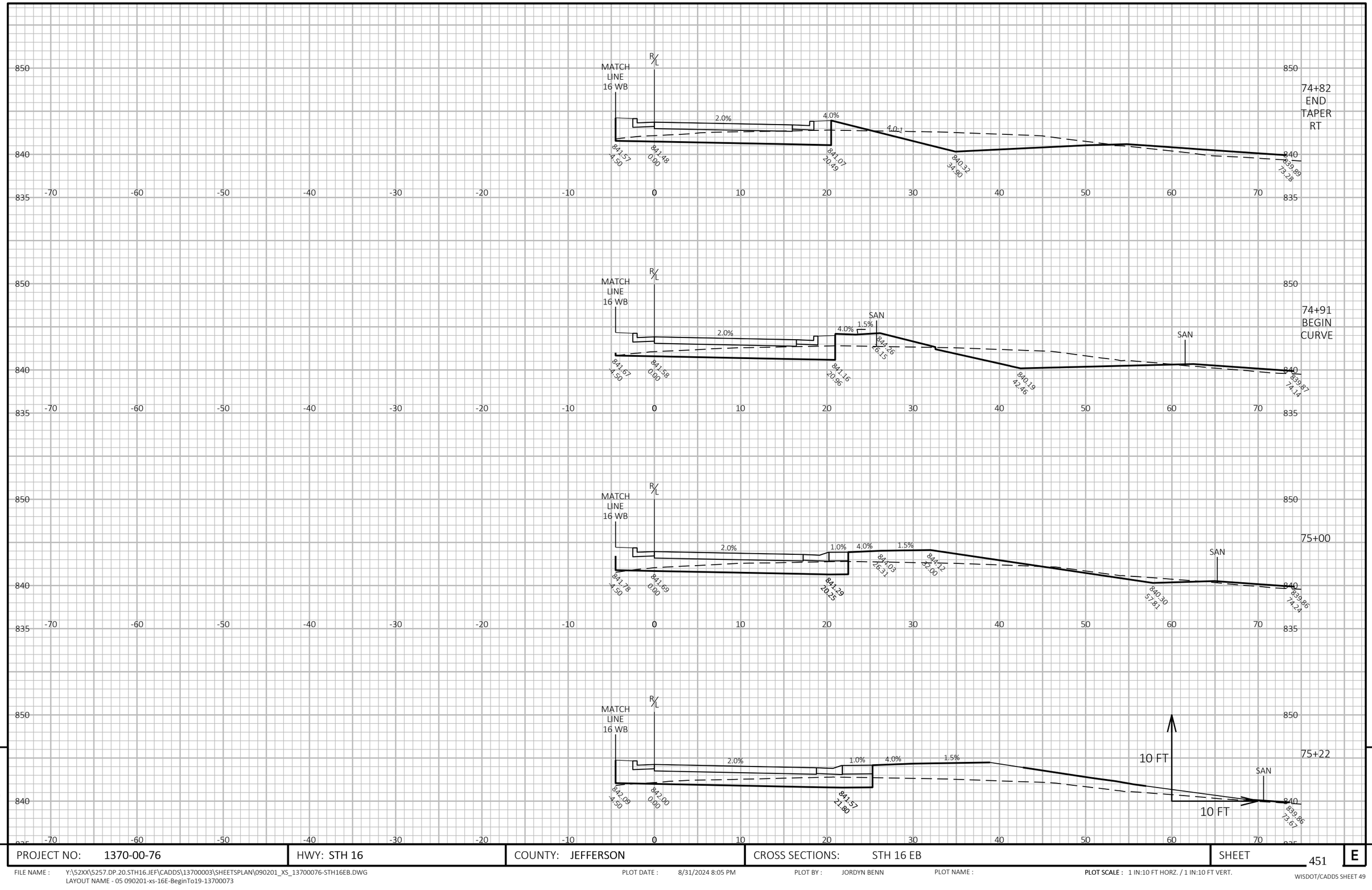
LAYOUT NAME - 04 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/31/2024 8:05 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 451	E

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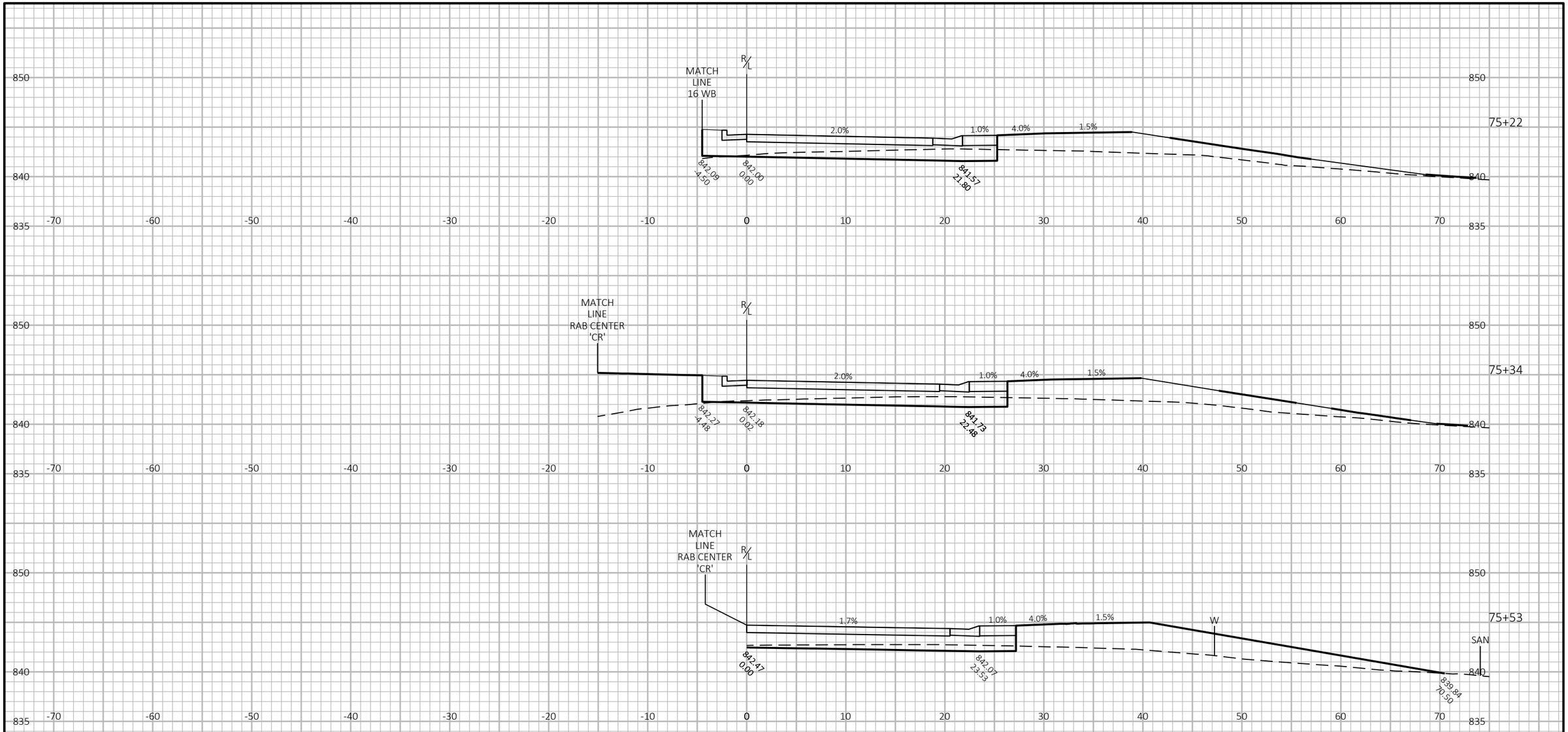
LAYOUT NAME - 05 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/31/2024 8:05 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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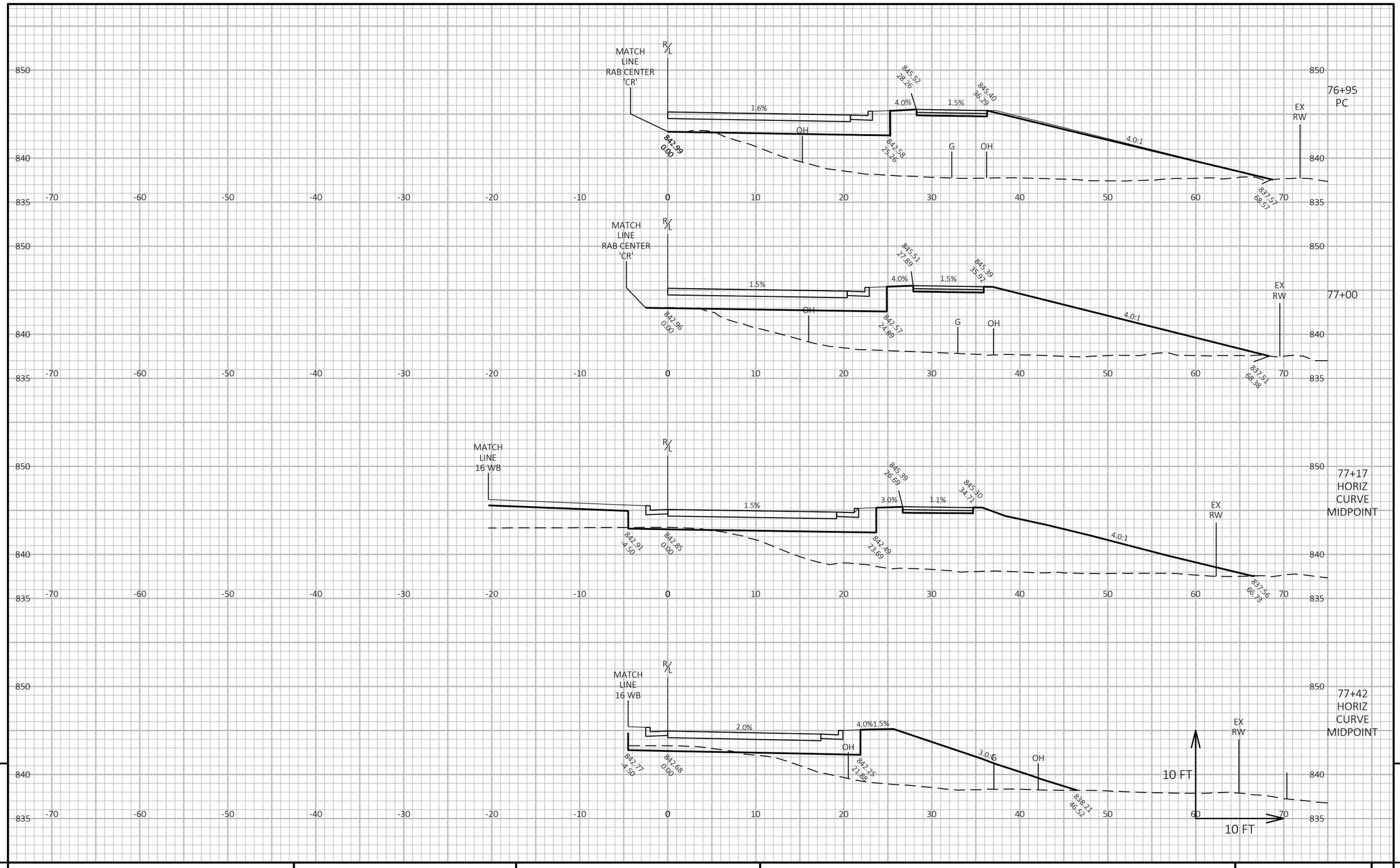

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PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 453	E

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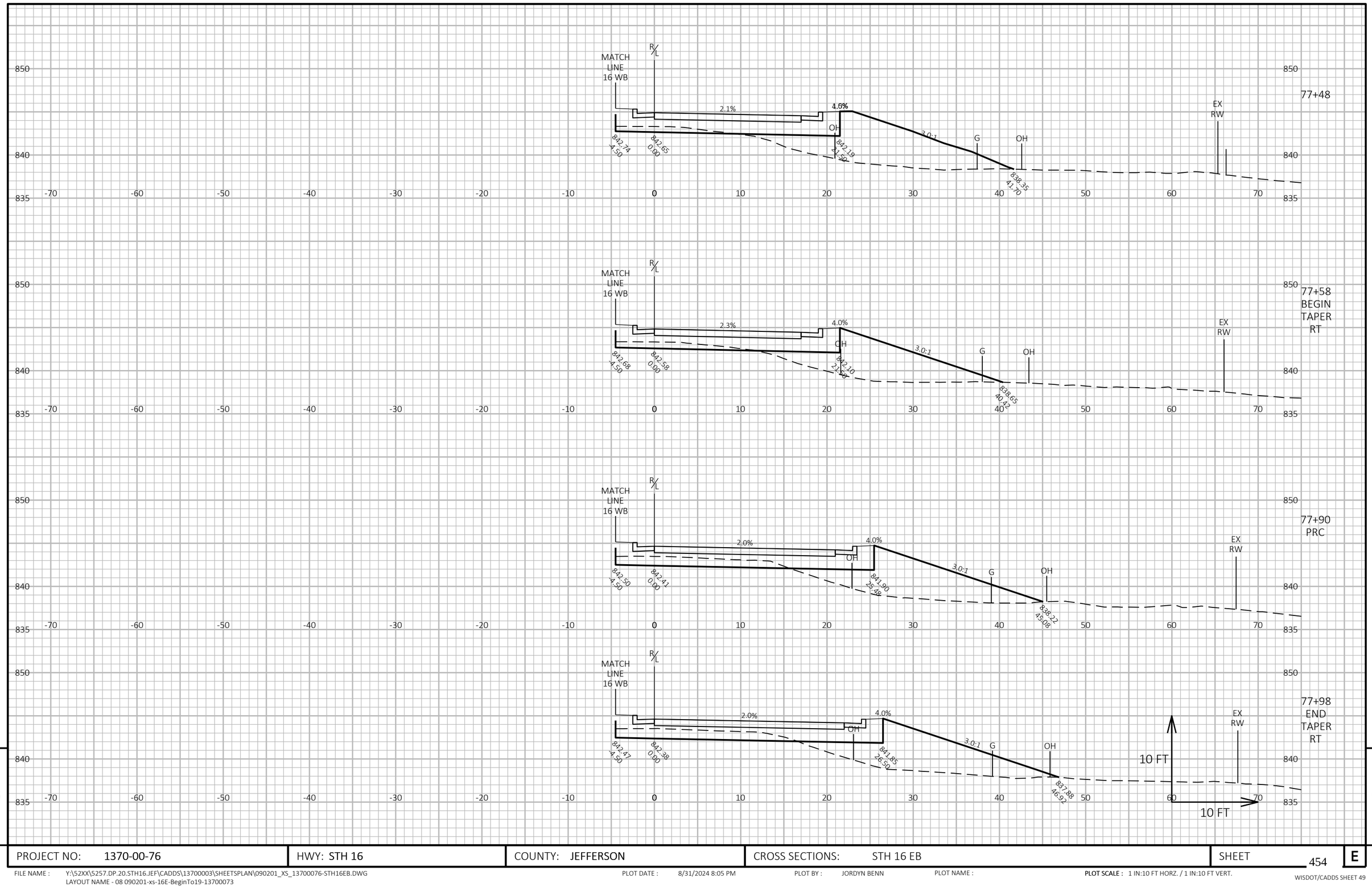
LAYOUT NAME - 07 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/31/2024 8:05 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 454	E

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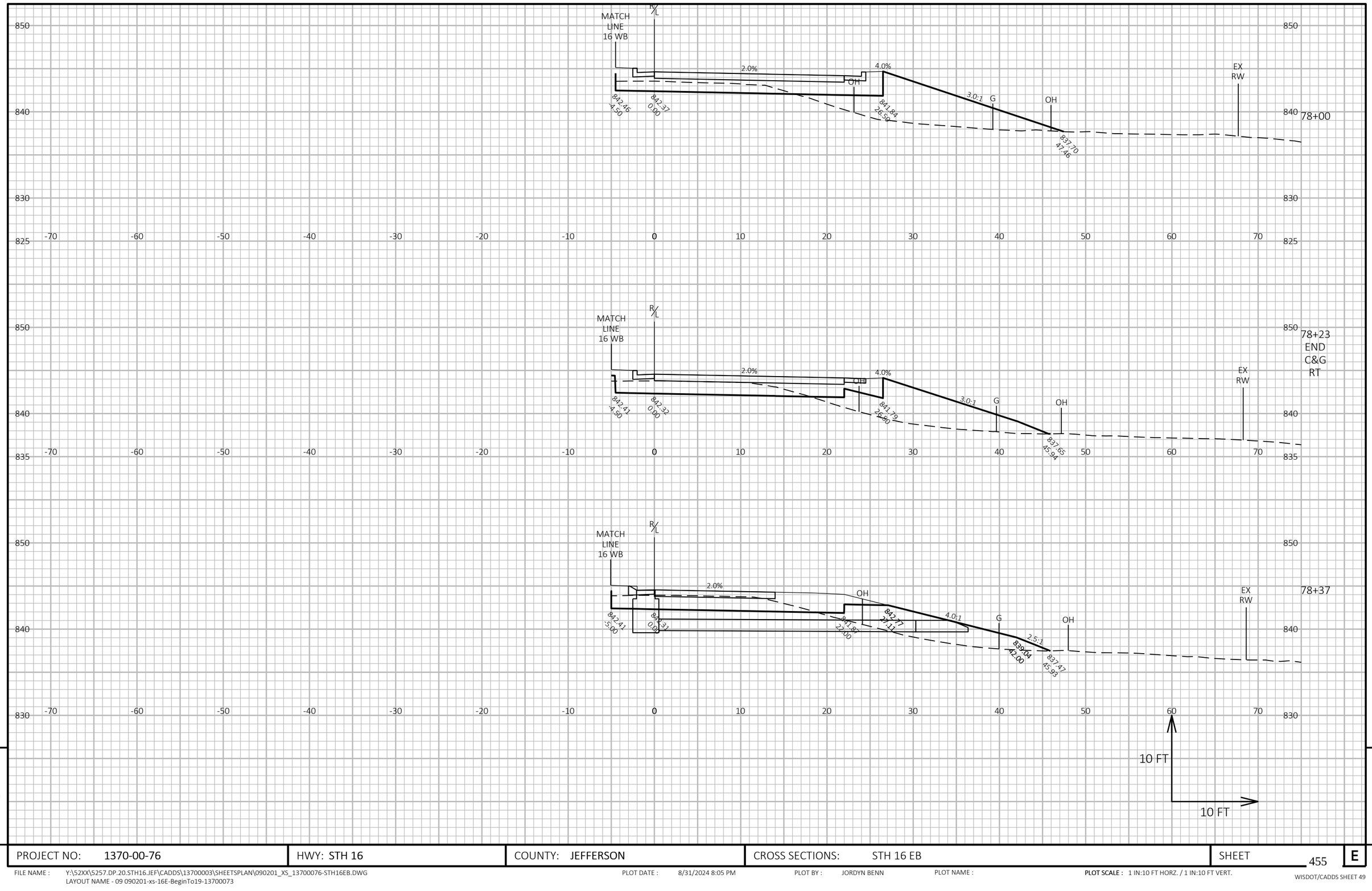
LAYOUT NAME - 08 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/31/2024 8:05 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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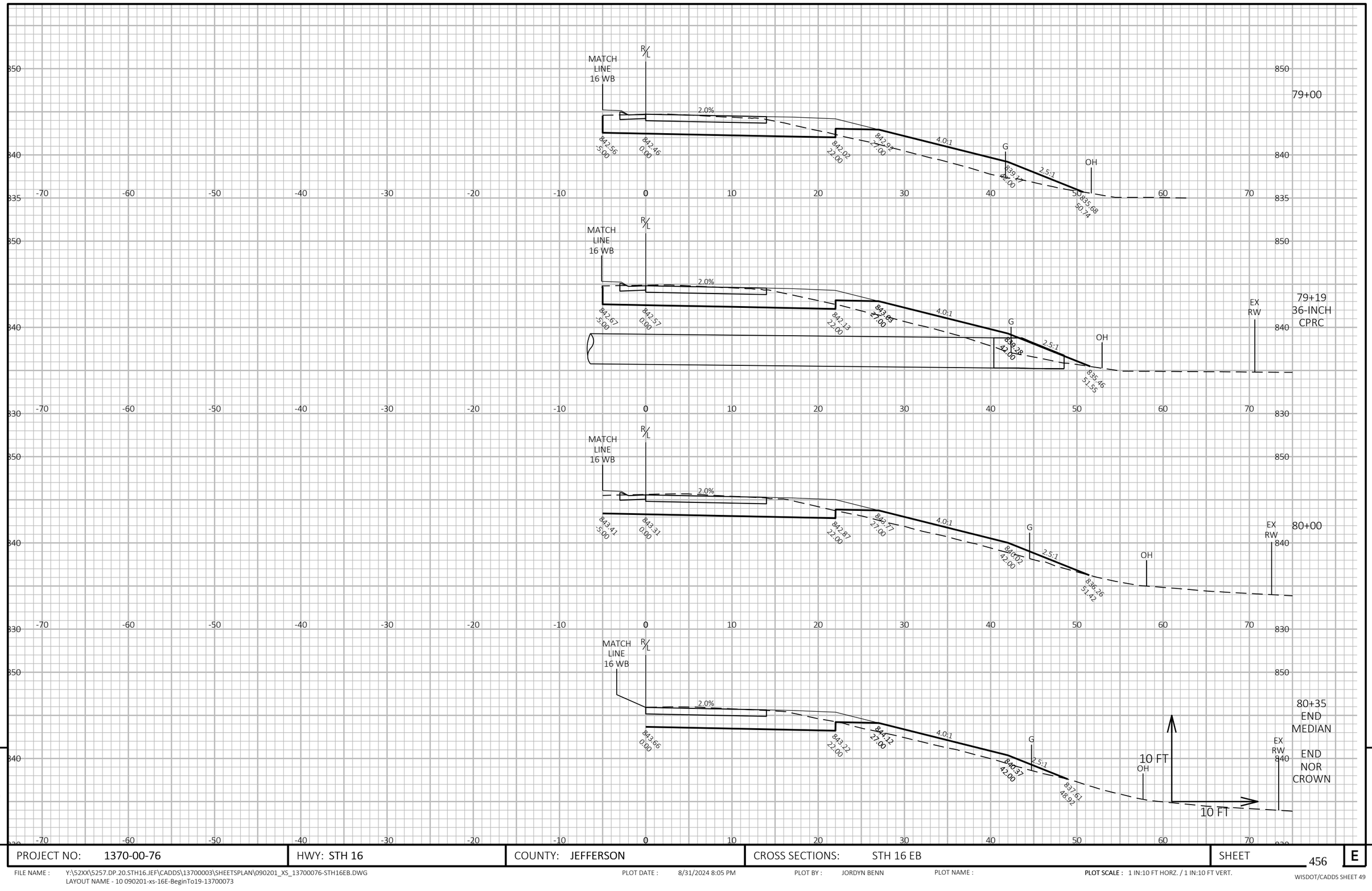
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 455	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090201_XS_13700076-STH16EB.DWG
LAYOUT NAME - 09 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/31/2024 8:05 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

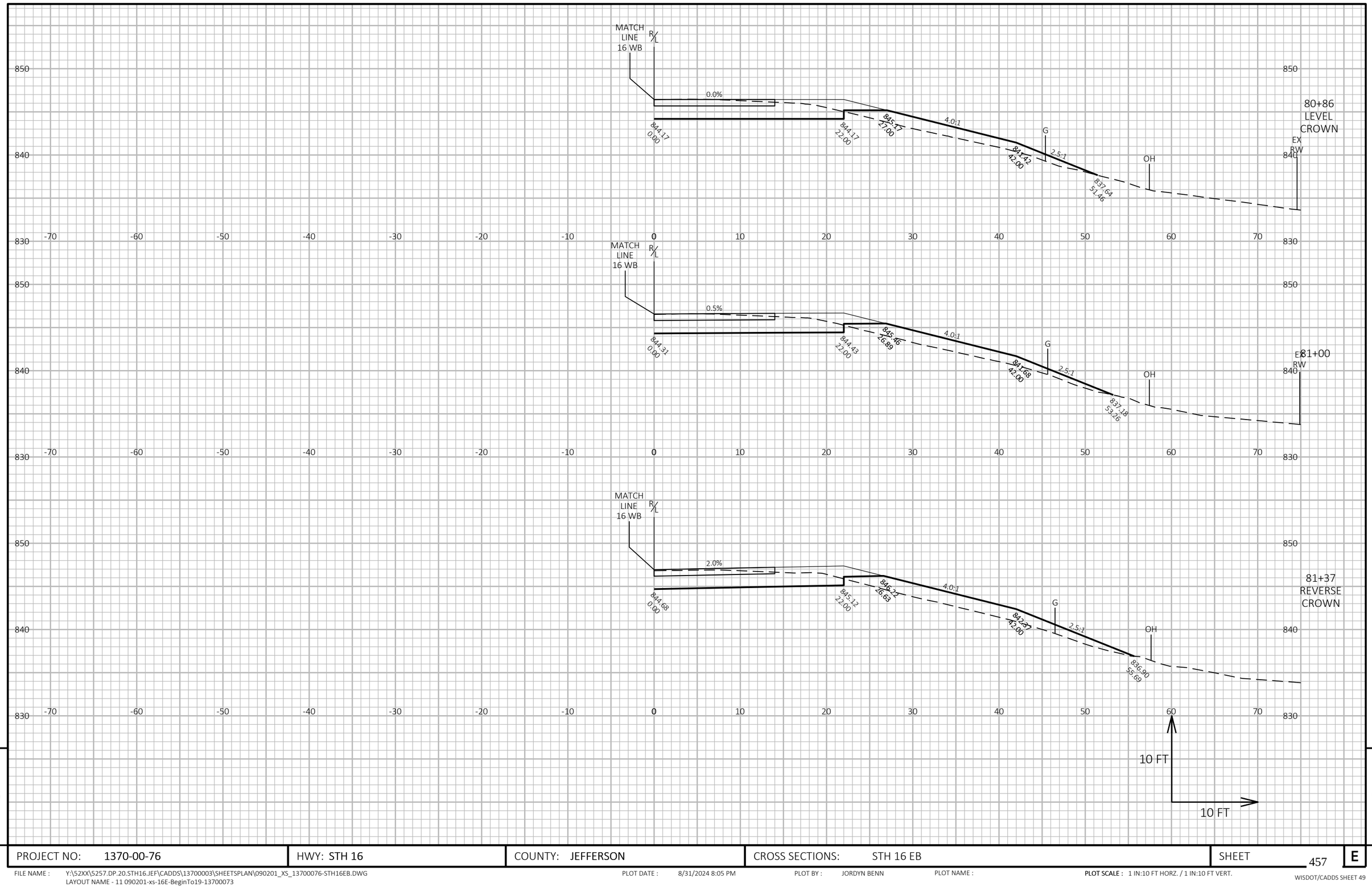
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 456	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090201_XS_13700076-STH16EB.DWG
LAYOUT NAME - 10 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/31/2024 8:05 PM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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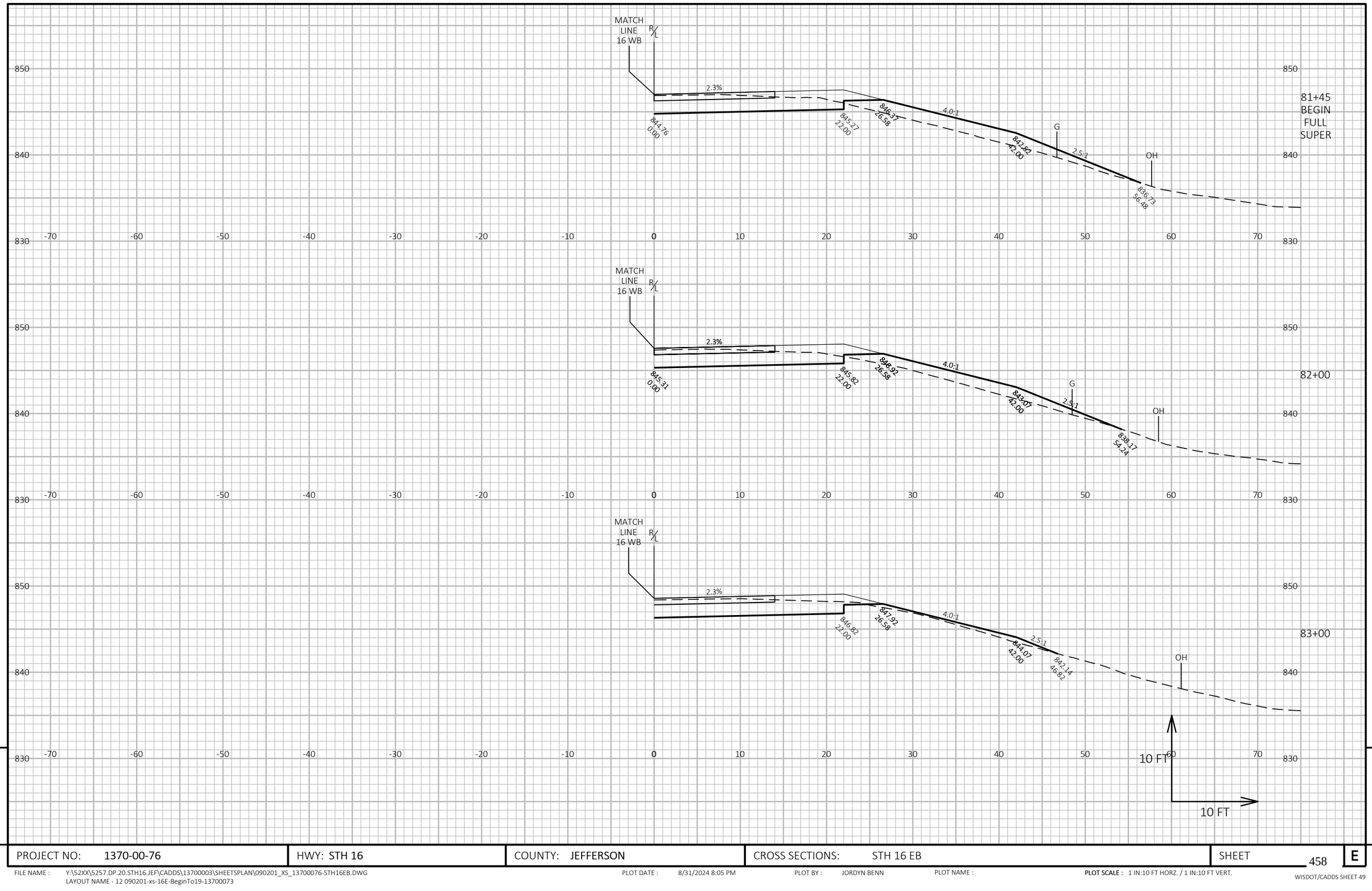
9

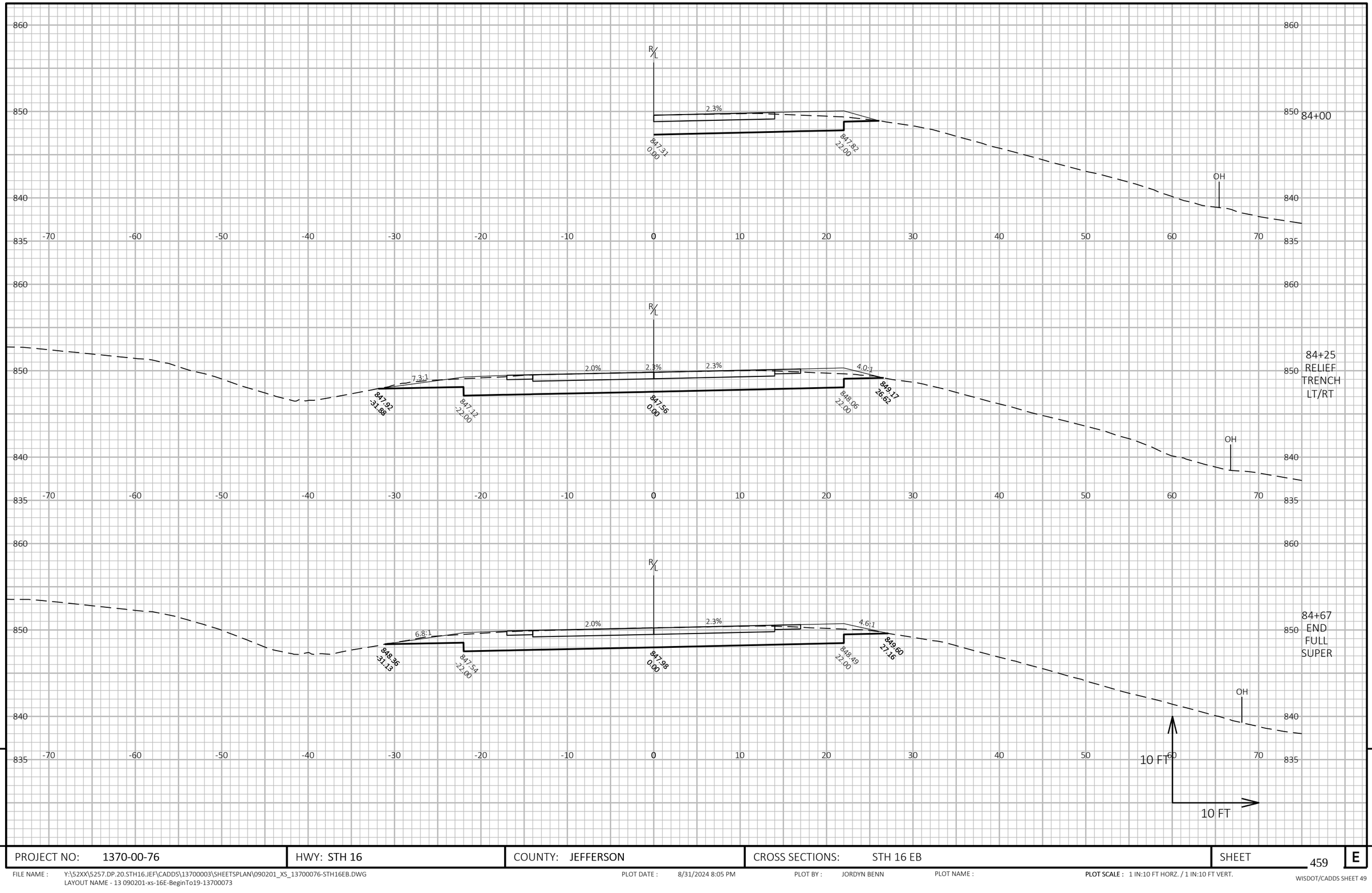
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 457	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090201_XS_13700076-STH16EB.DWG
LAYOUT NAME - 11 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/31/2024 8:05 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 458	E

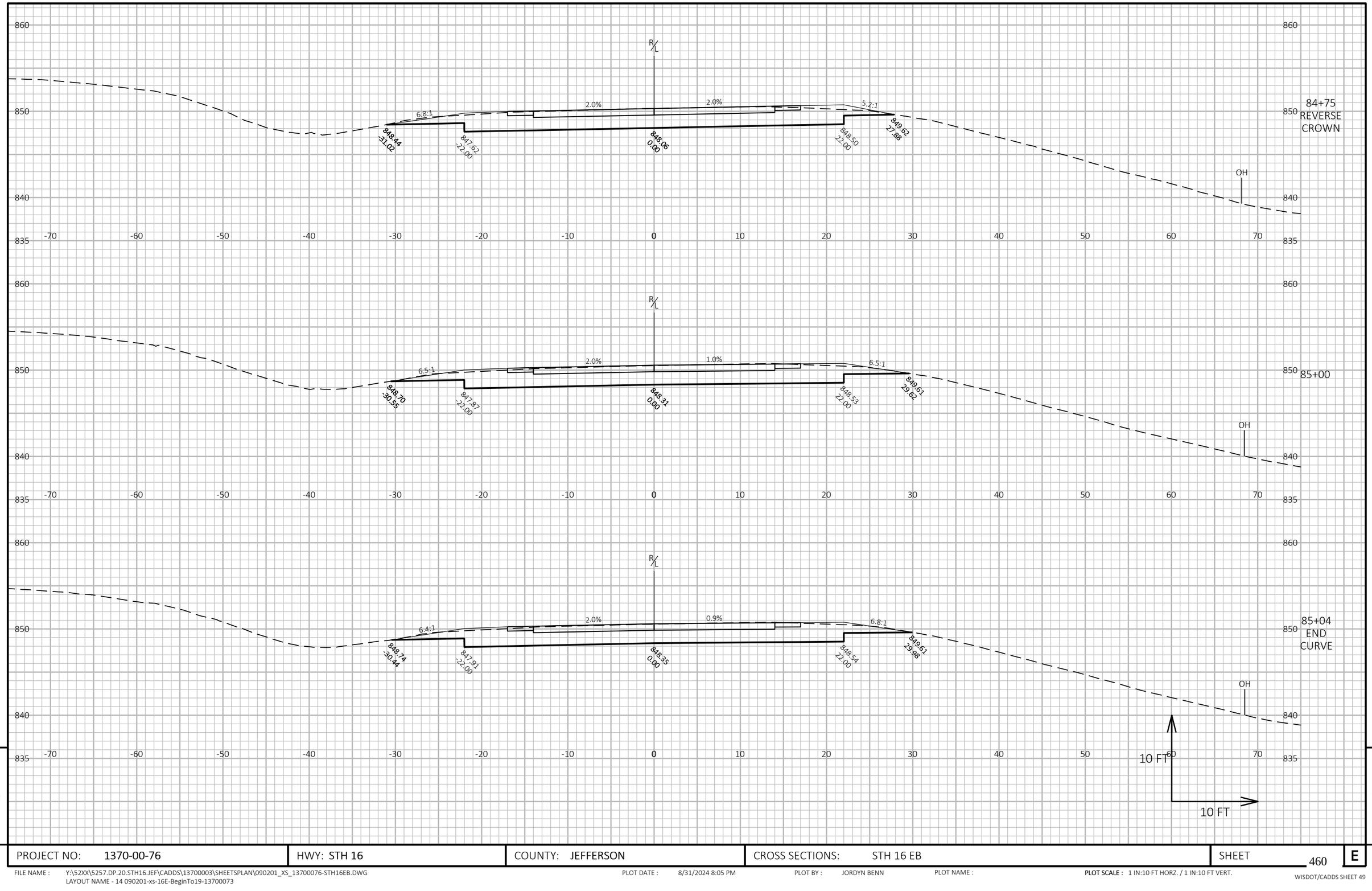


PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 459	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090201_XS_13700076-STH16EB.DWG
LAYOUT NAME - 13 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/31/2024 8:05 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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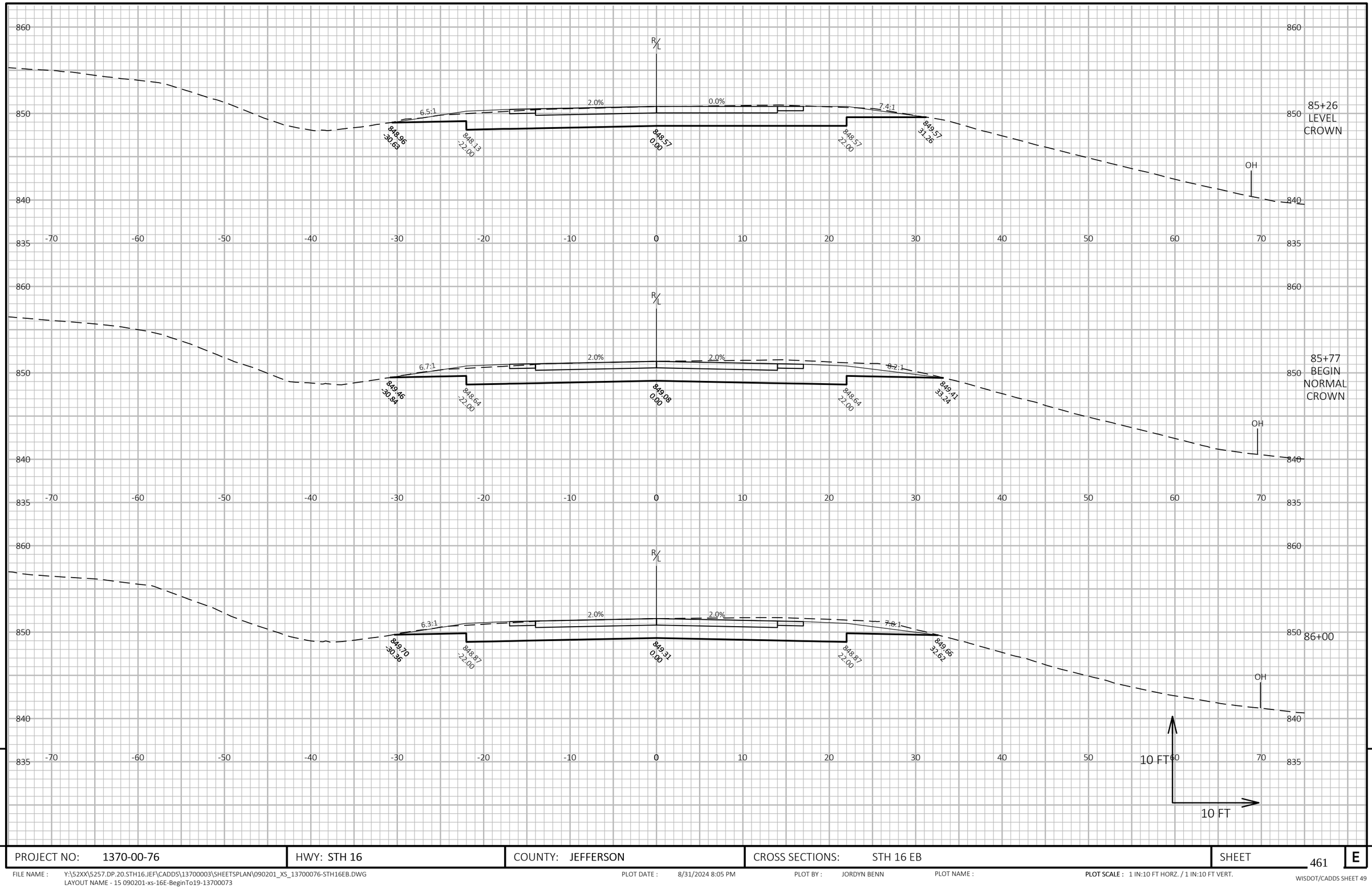
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 460	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090201_XS_13700076-STH16EB.DWG
LAYOUT NAME - 14 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/31/2024 8:05 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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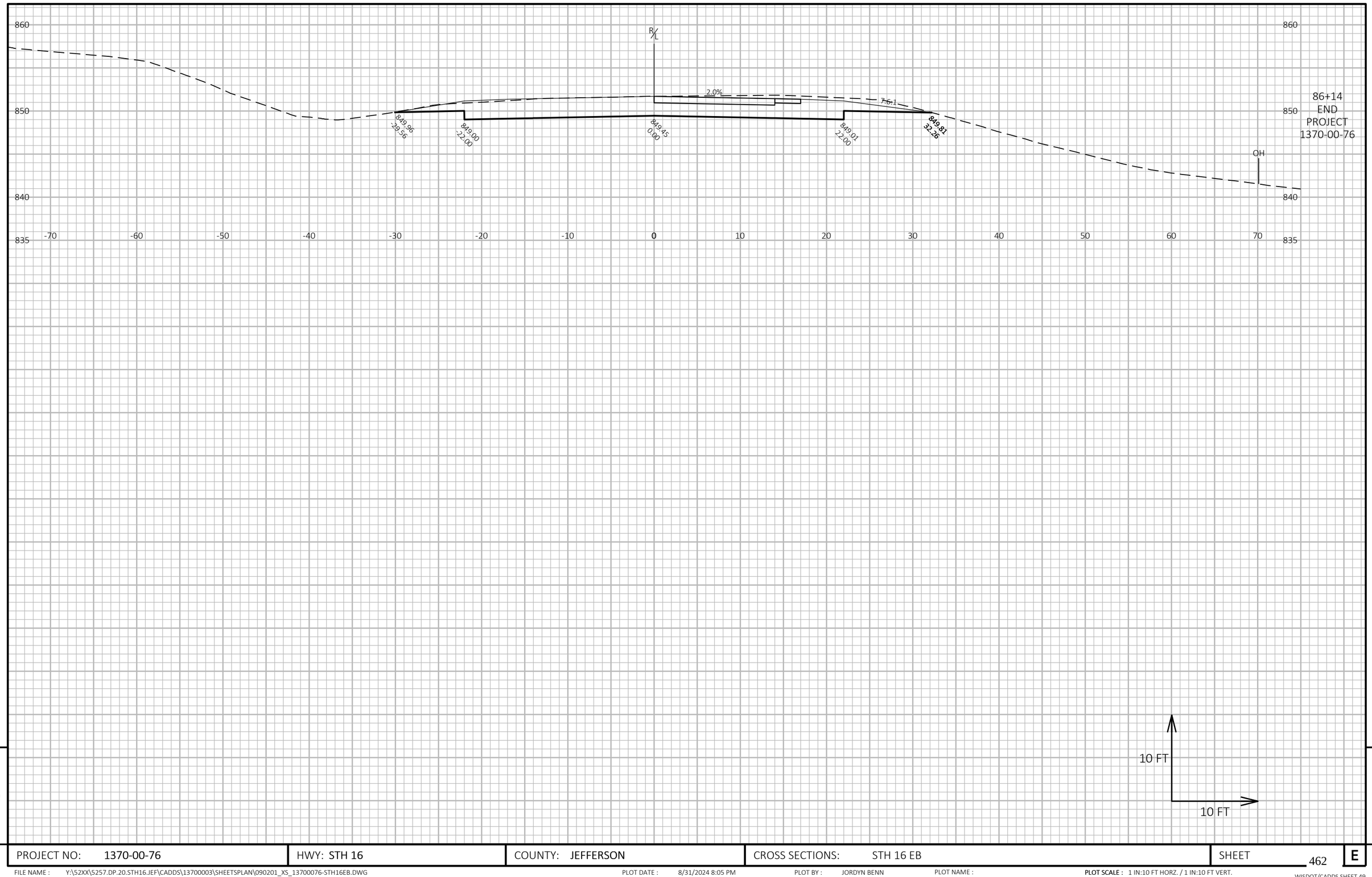
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 461	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090201_XS_13700076-STH16EB.DWG
LAYOUT NAME - 15 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/31/2024 8:05 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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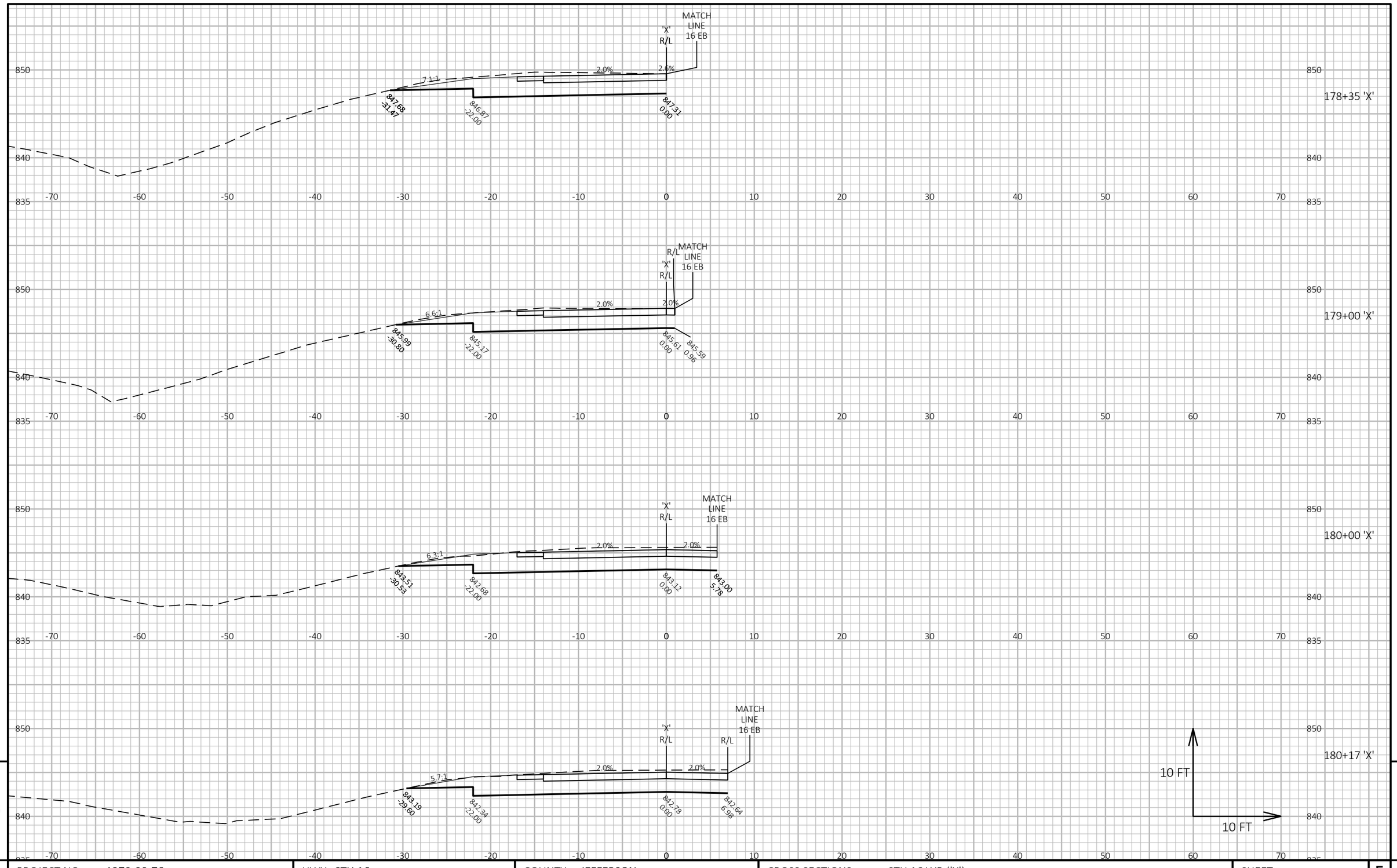
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 462	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090201_XS_13700076-STH16EB.DWG
LAYOUT NAME - 16 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/31/2024 8:05 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 463	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090206_XS-13700076-16W-LIVESECTIONS.DWG
LAYOUT NAME - 09021-13700076-16W

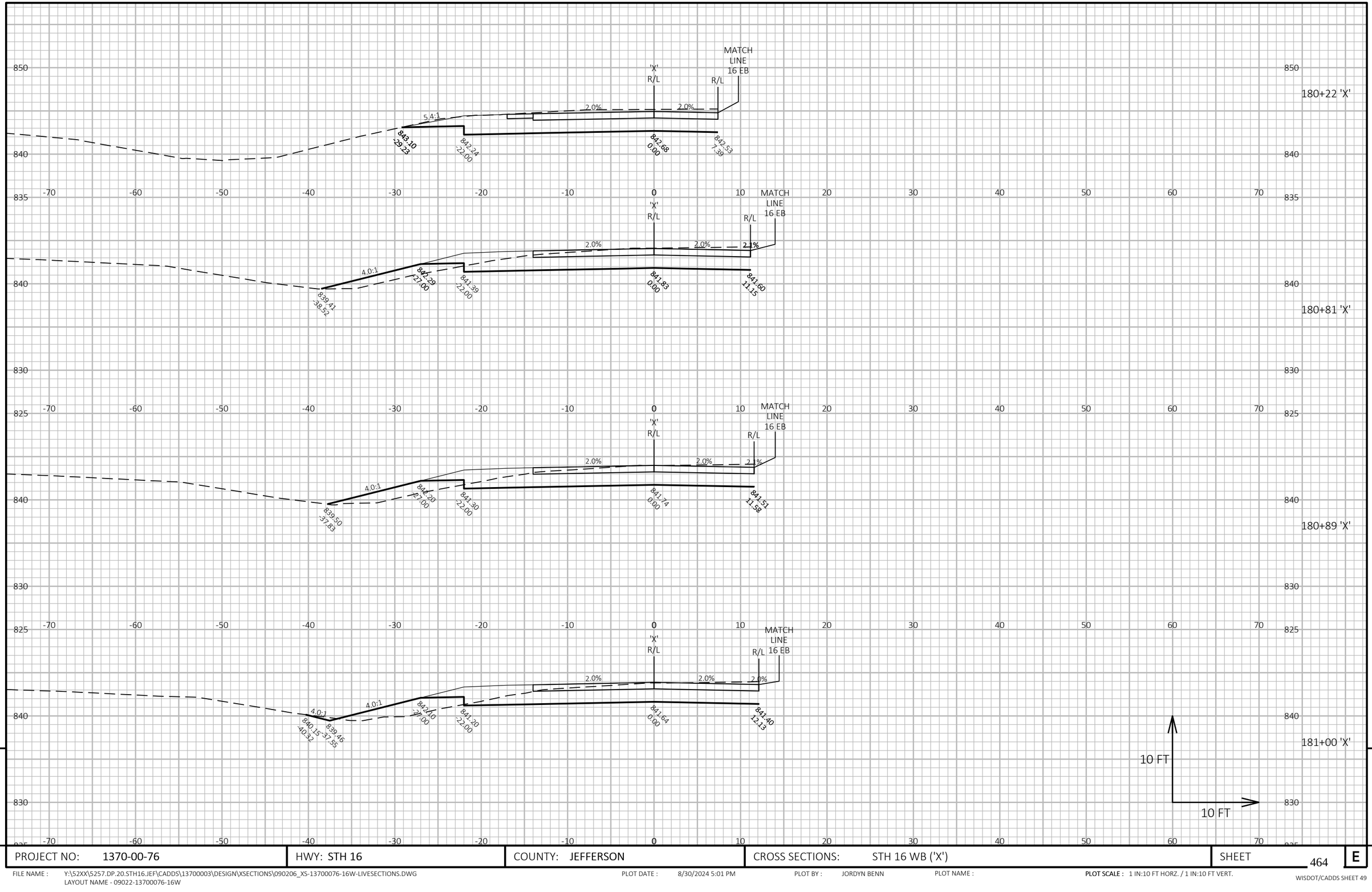
PLOT DATE : 8/30/2024 5:01 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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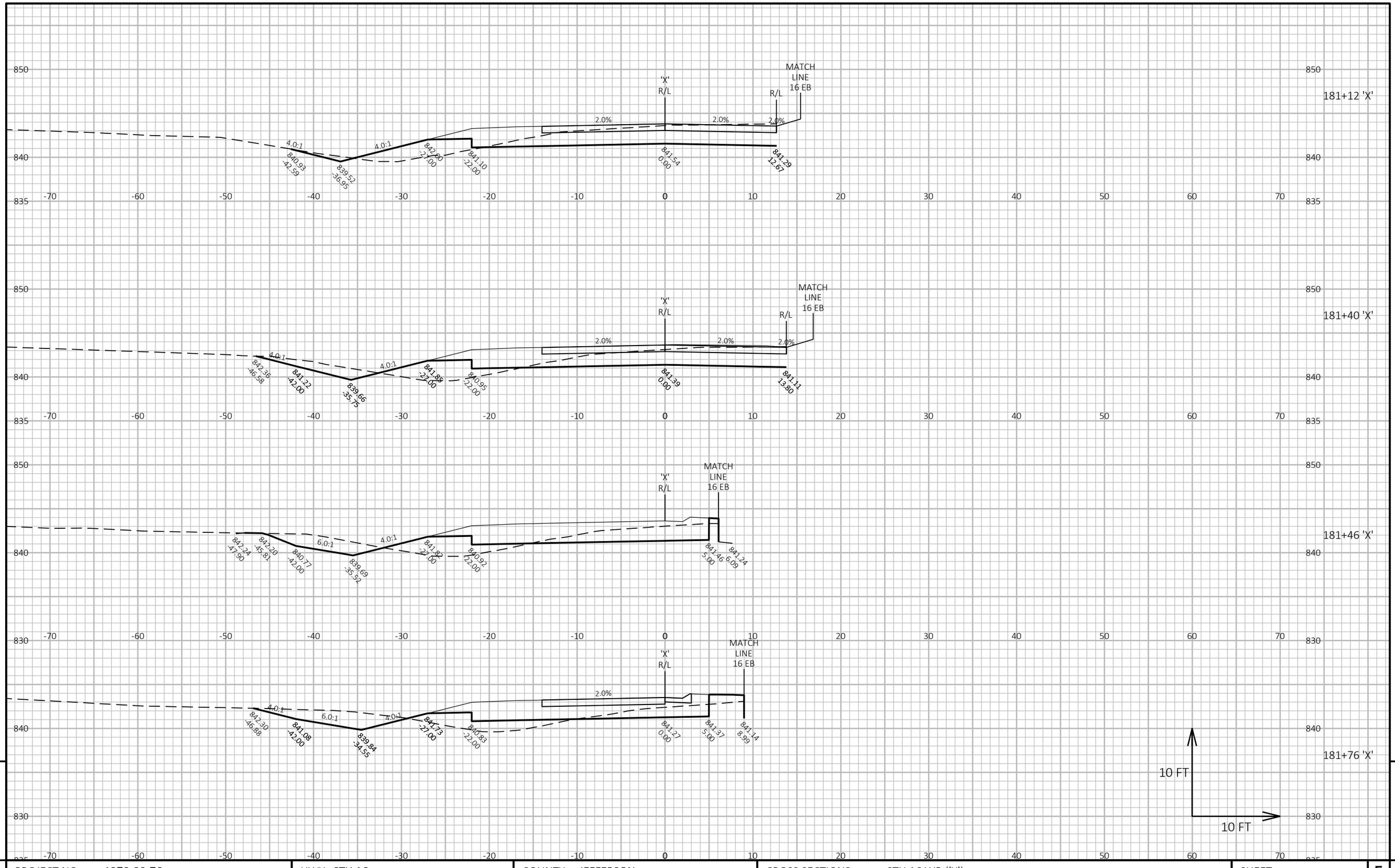
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 464	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090206_XS-13700076-16W-LIVESECTIONS.DWG
LAYOUT NAME - 09022-13700076-16W

PLOT DATE : 8/30/2024 5:01 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 465	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090206_XS-13700076-16W-LIVESECTIONS.DWG
LAYOUT NAME - 09023-13700076-16W

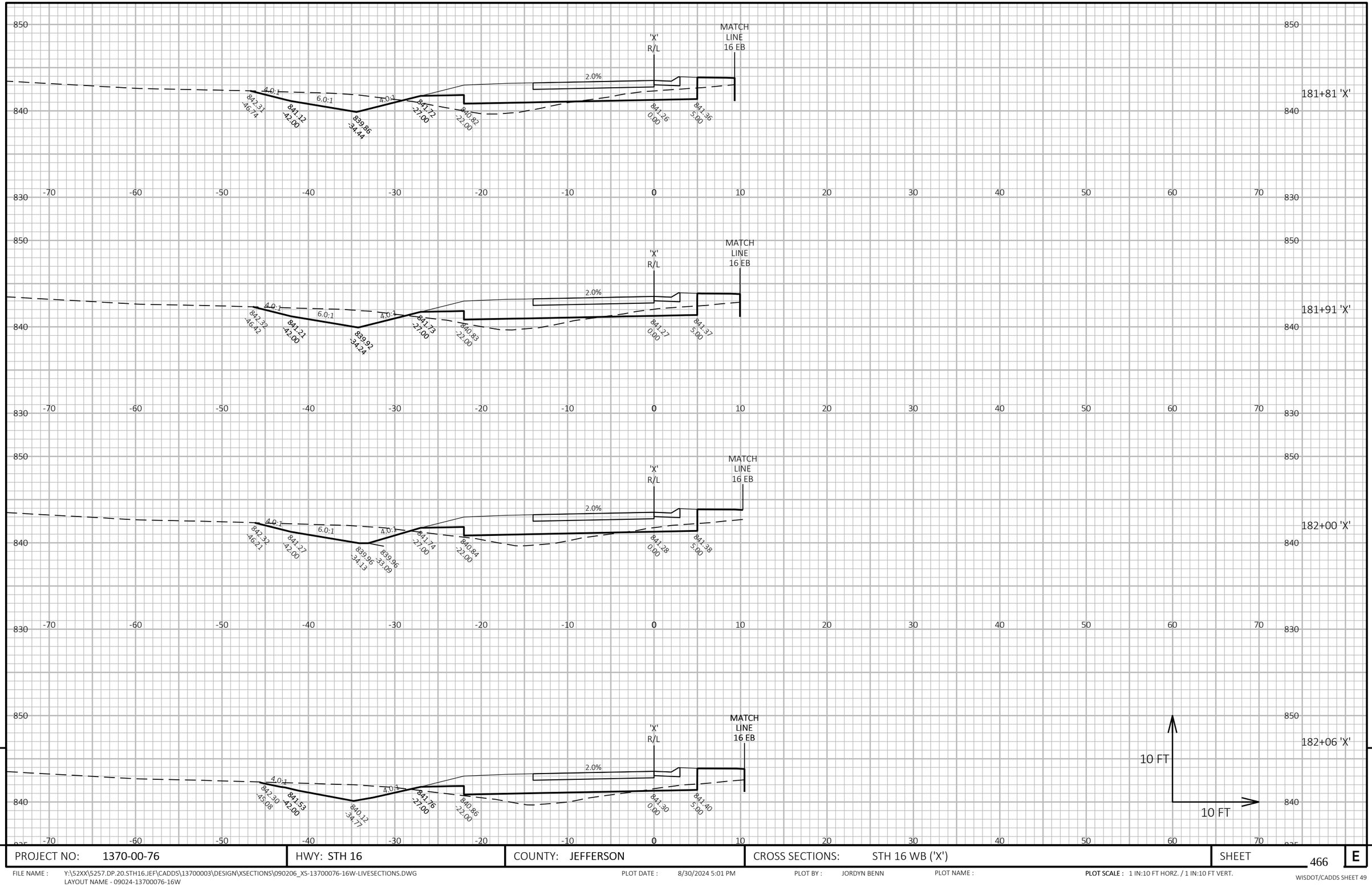
PLOT DATE : 8/30/2024 5:01 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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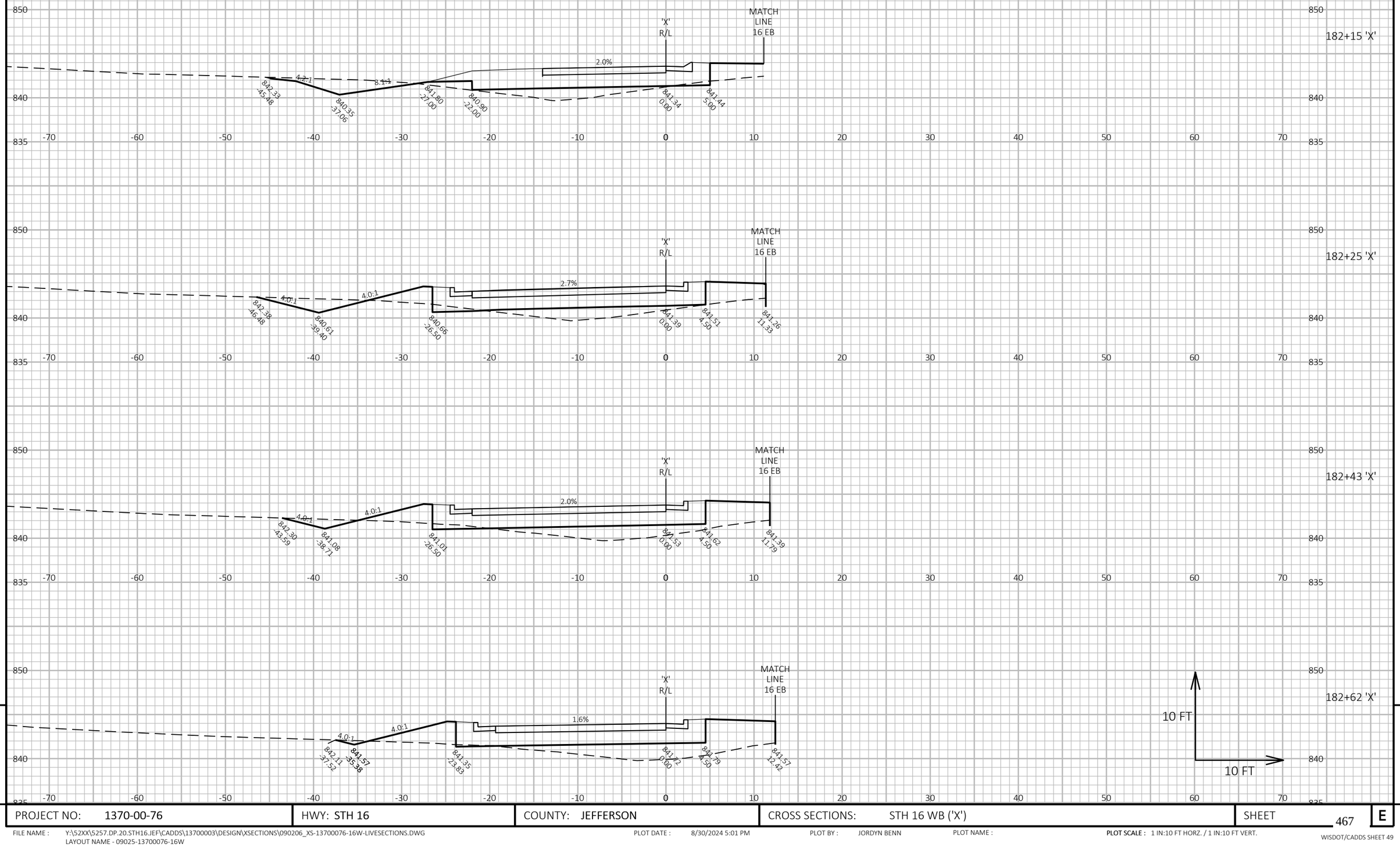
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 466	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090206_XS-13700076-16W-LIVESECTIONS.DWG
LAYOUT NAME - 09024-13700076-16W

PLOT DATE : 8/30/2024 5:01 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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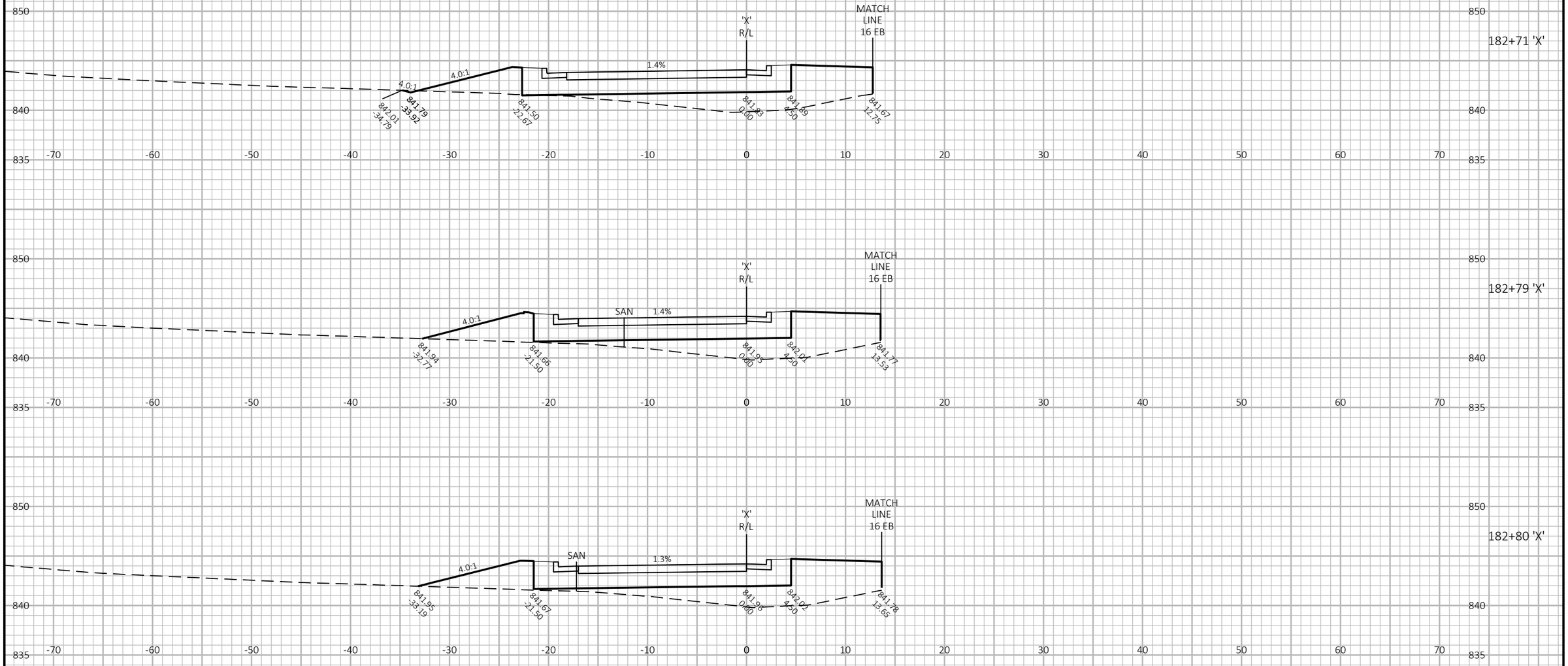
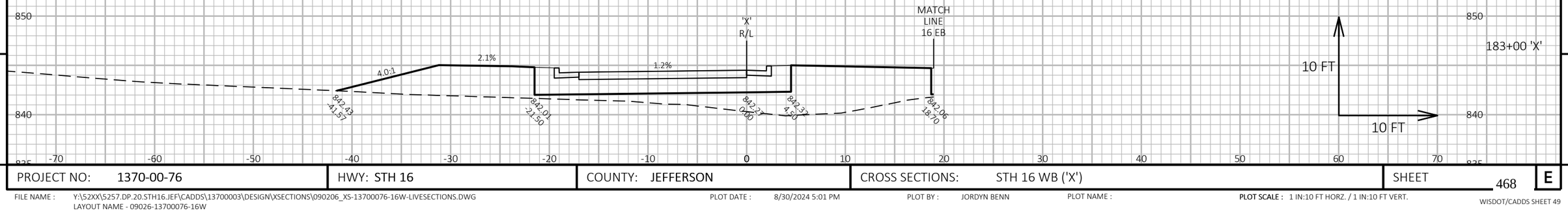
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 467	E





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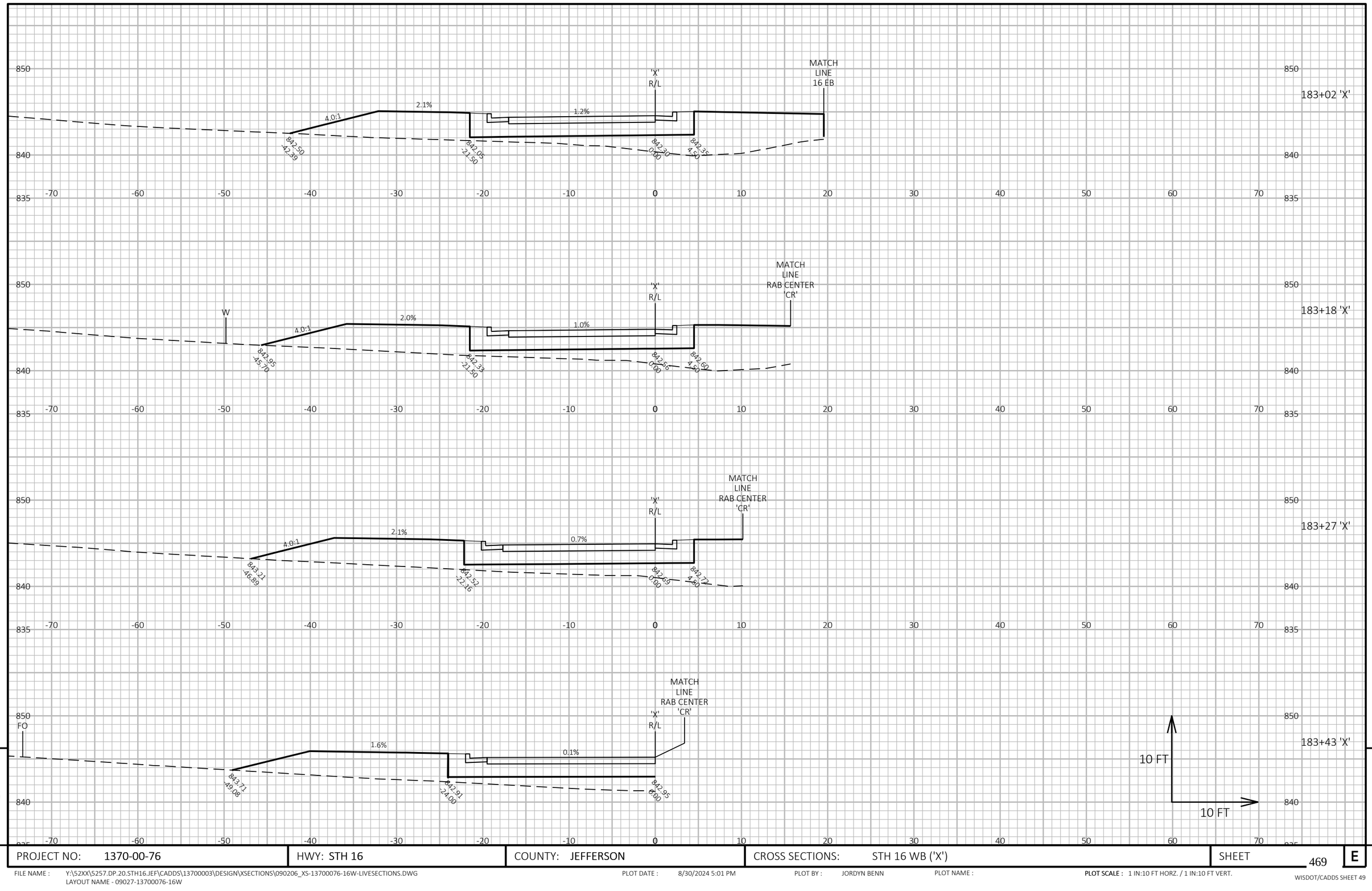
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 468	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090206_XS-13700076-16W-LIVESECTIONS.DWG
LAYOUT NAME - 09026-13700076-16W

PLOT DATE : 8/30/2024 5:01 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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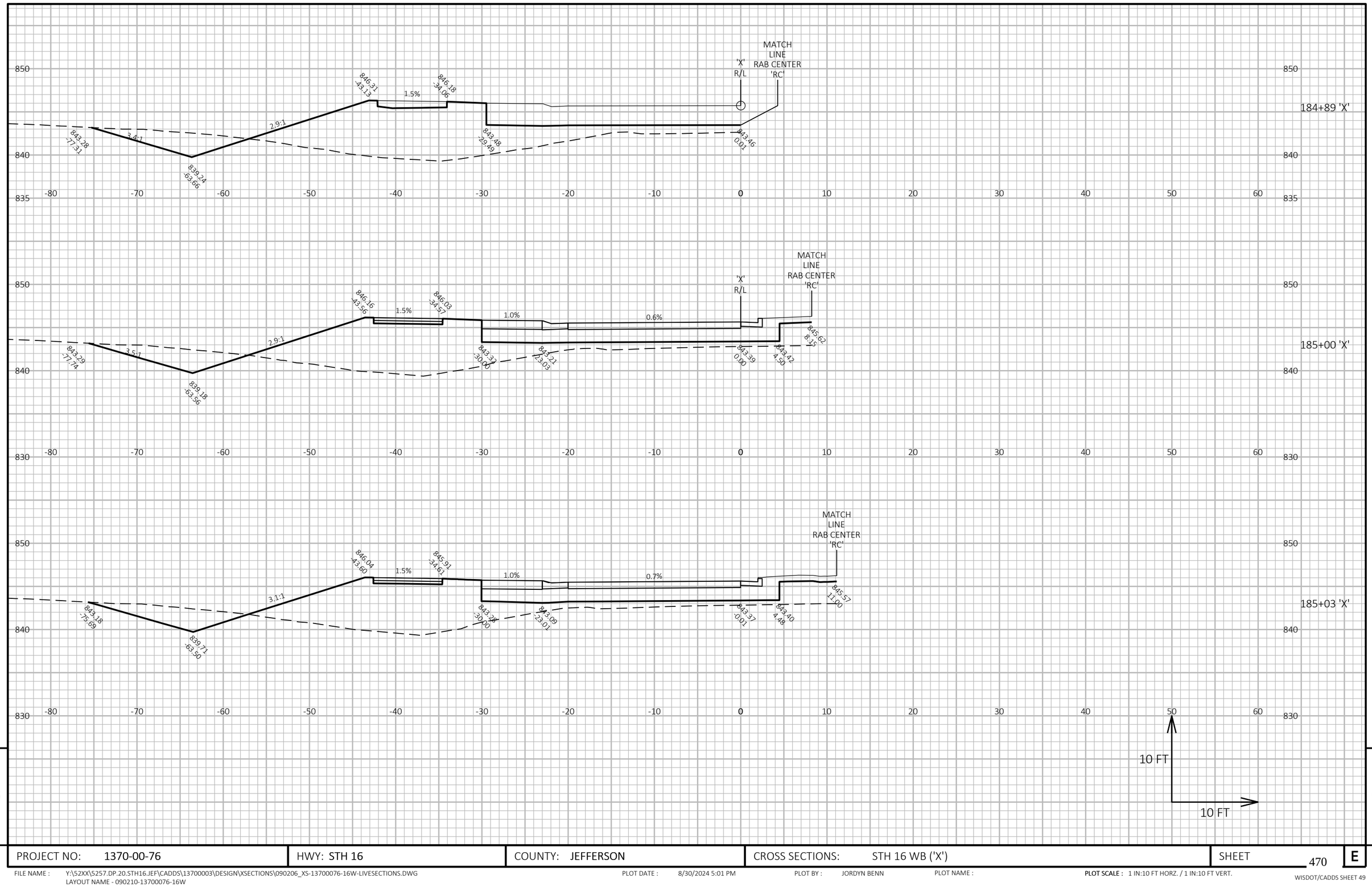
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 469	E

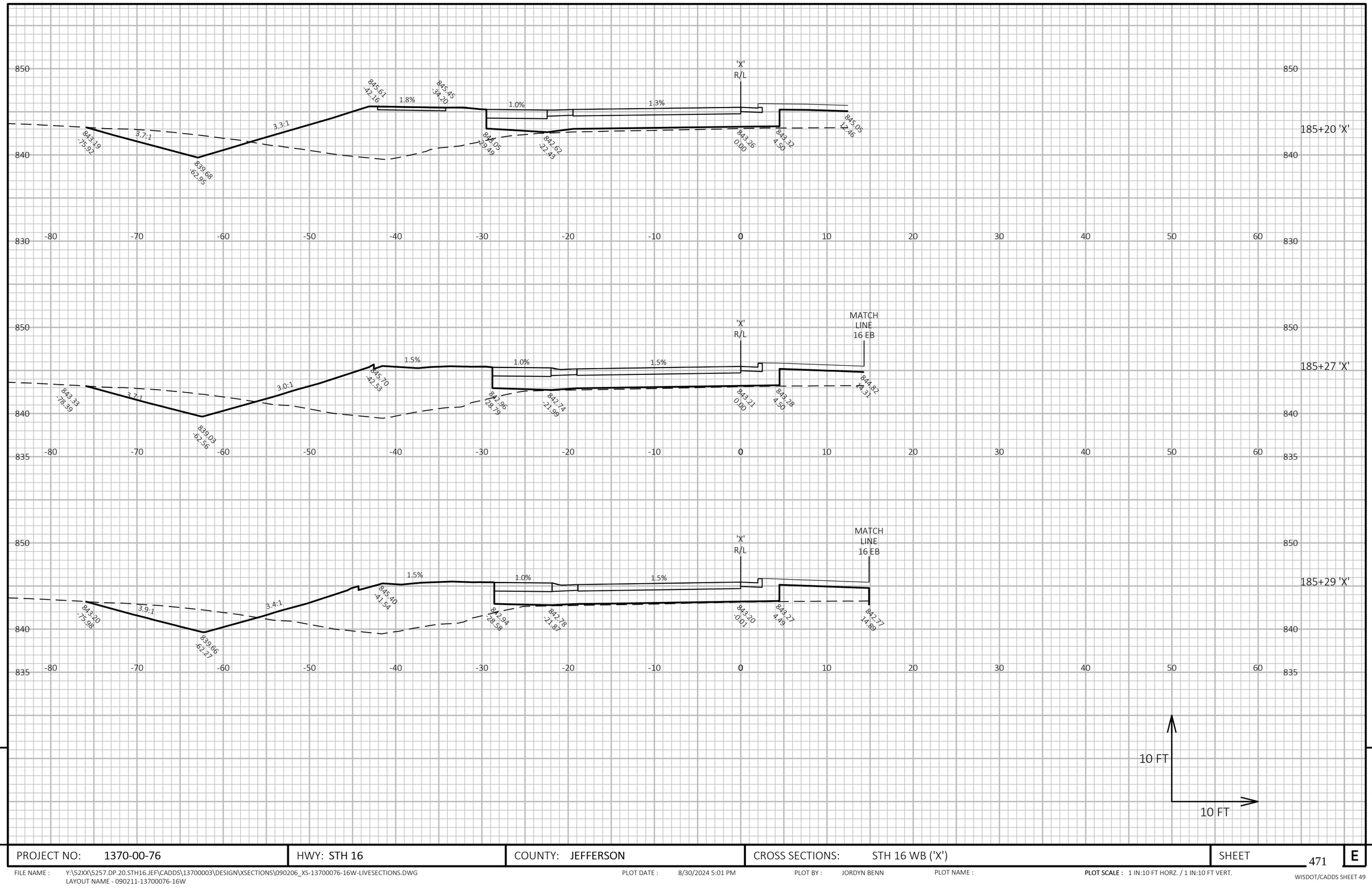
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090206_XS-13700076-16W-LIVESECTIONS.DWG
LAYOUT NAME - 09027-13700076-16W

PLOT DATE : 8/30/2024 5:01 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9	PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 470 E



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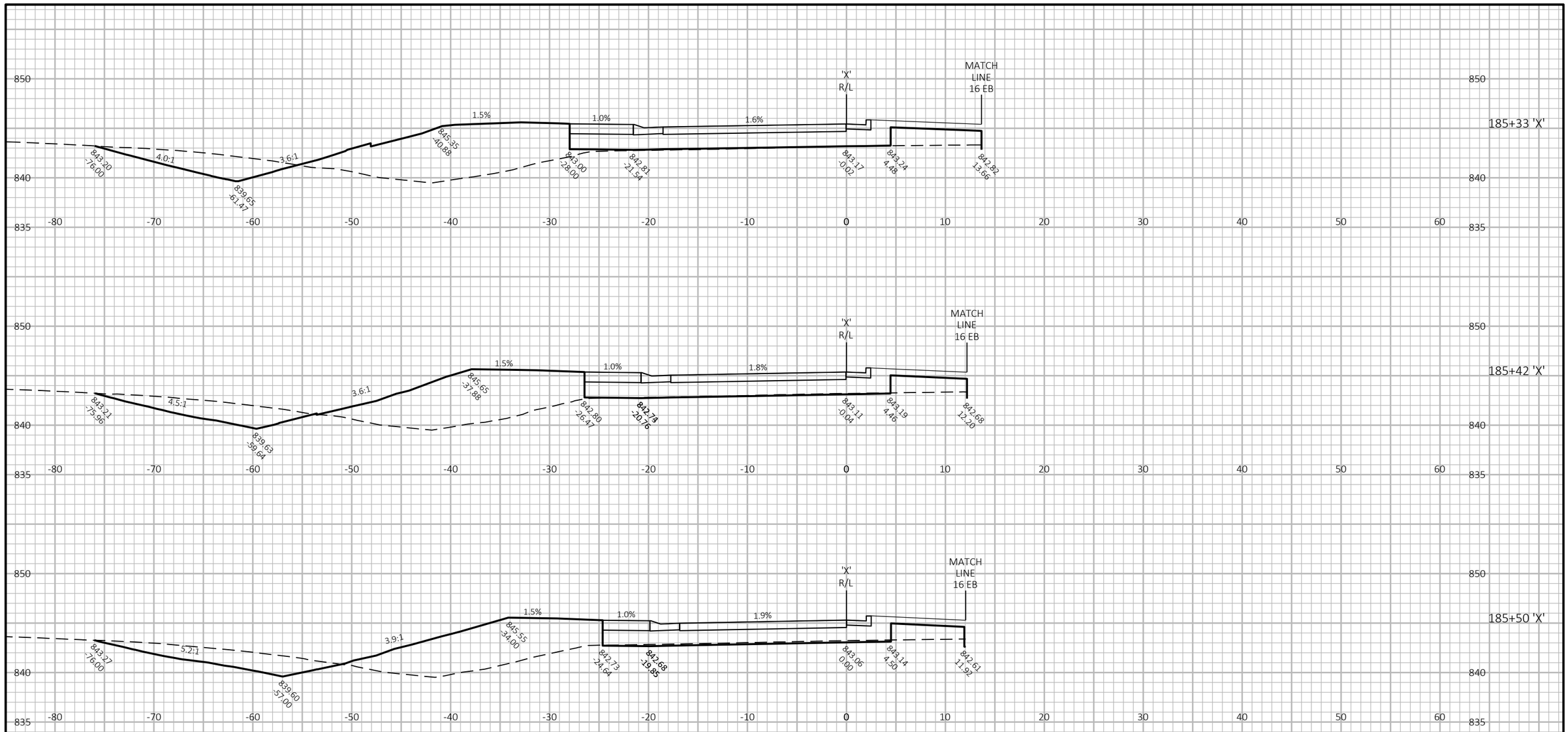
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 471	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090206_XS-13700076-16W-LIVESECTIONS.DWG
LAYOUT NAME - 090211-13700076-16W

PLOT DATE : 8/30/2024 5:01 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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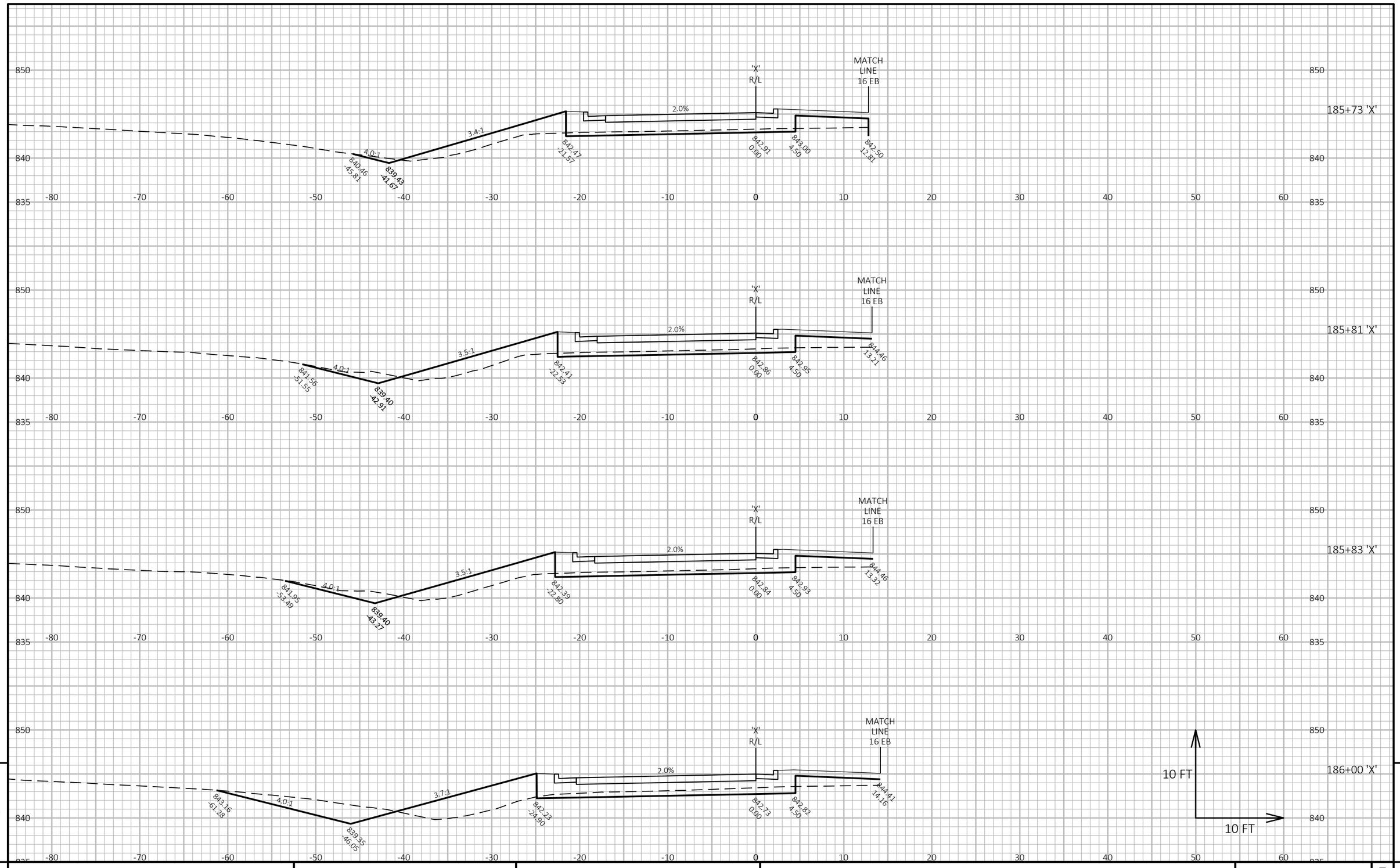
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 472	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090206_XS-13700076-16W-LIVESECTIONS.DWG
LAYOUT NAME - 090212-13700076-16W

PLOT DATE : 8/30/2024 5:01 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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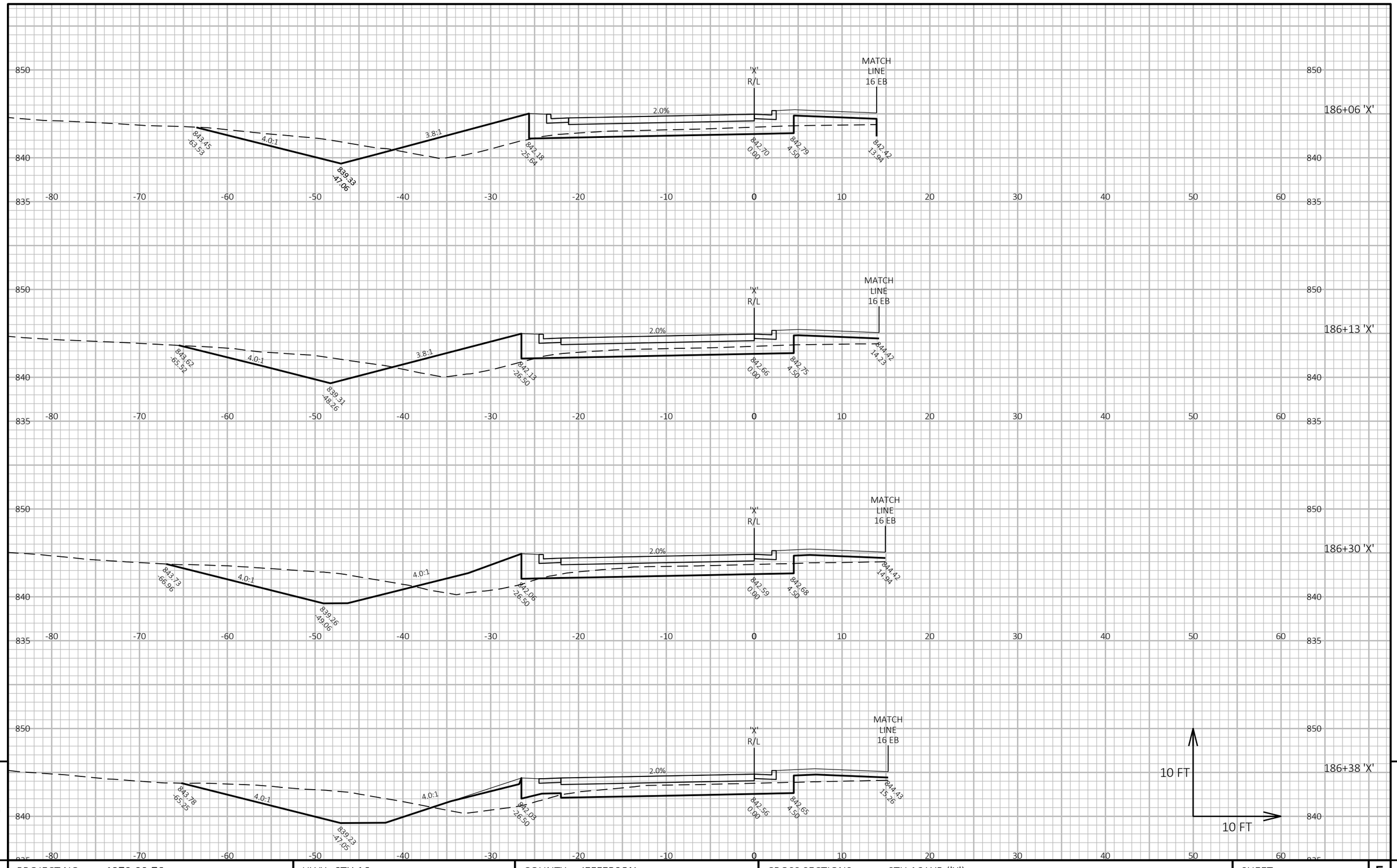
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 473	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090206_XS-13700076-16W-LIVESECTIONS.DWG
LAYOUT NAME - 090213-13700076-16W

PLOT DATE : 8/30/2024 5:01 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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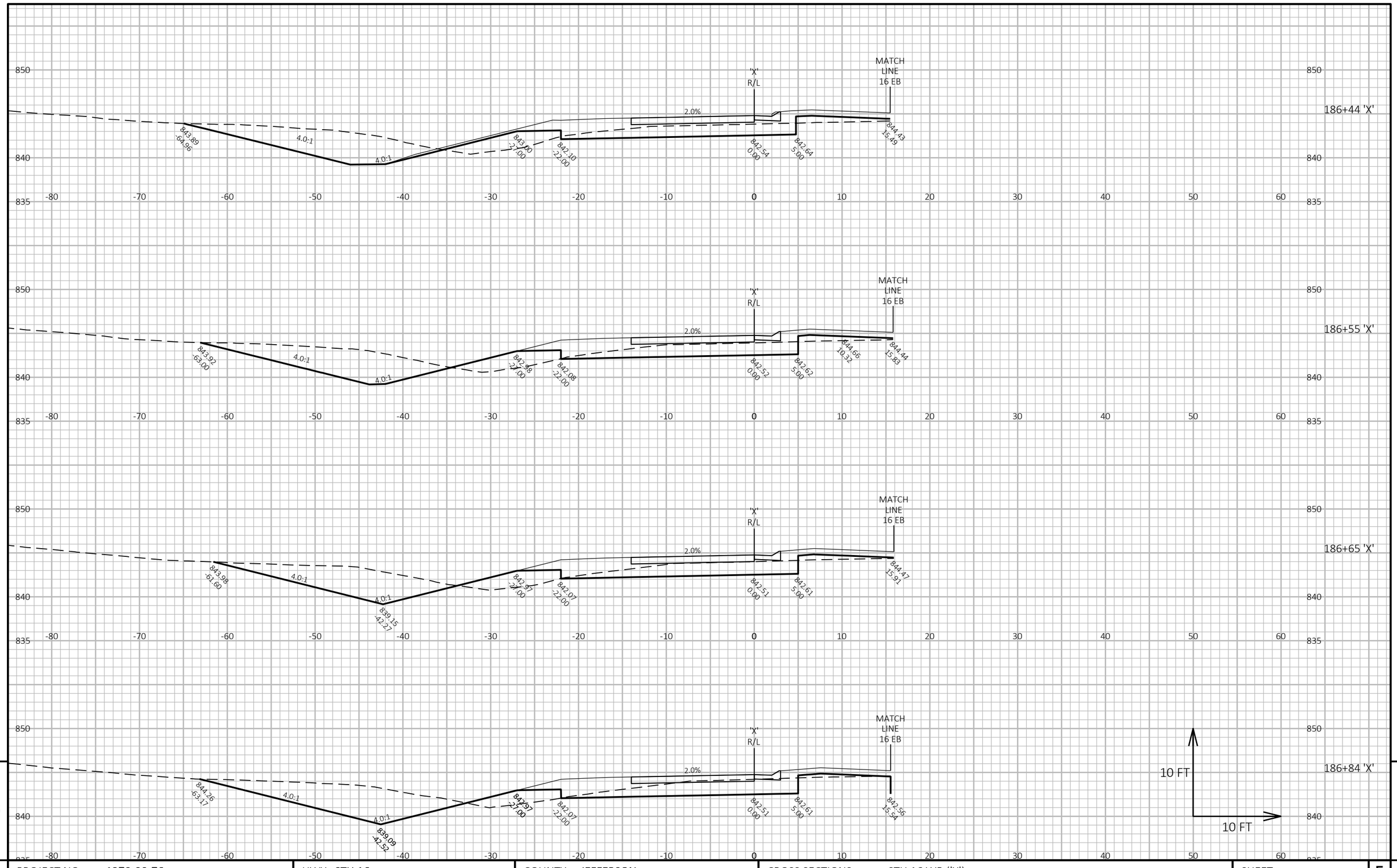
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 474	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090206_XS-13700076-16W-LIVESECTIONS.DWG
LAYOUT NAME - 090214-13700076-16W

PLOT DATE : 8/30/2024 5:01 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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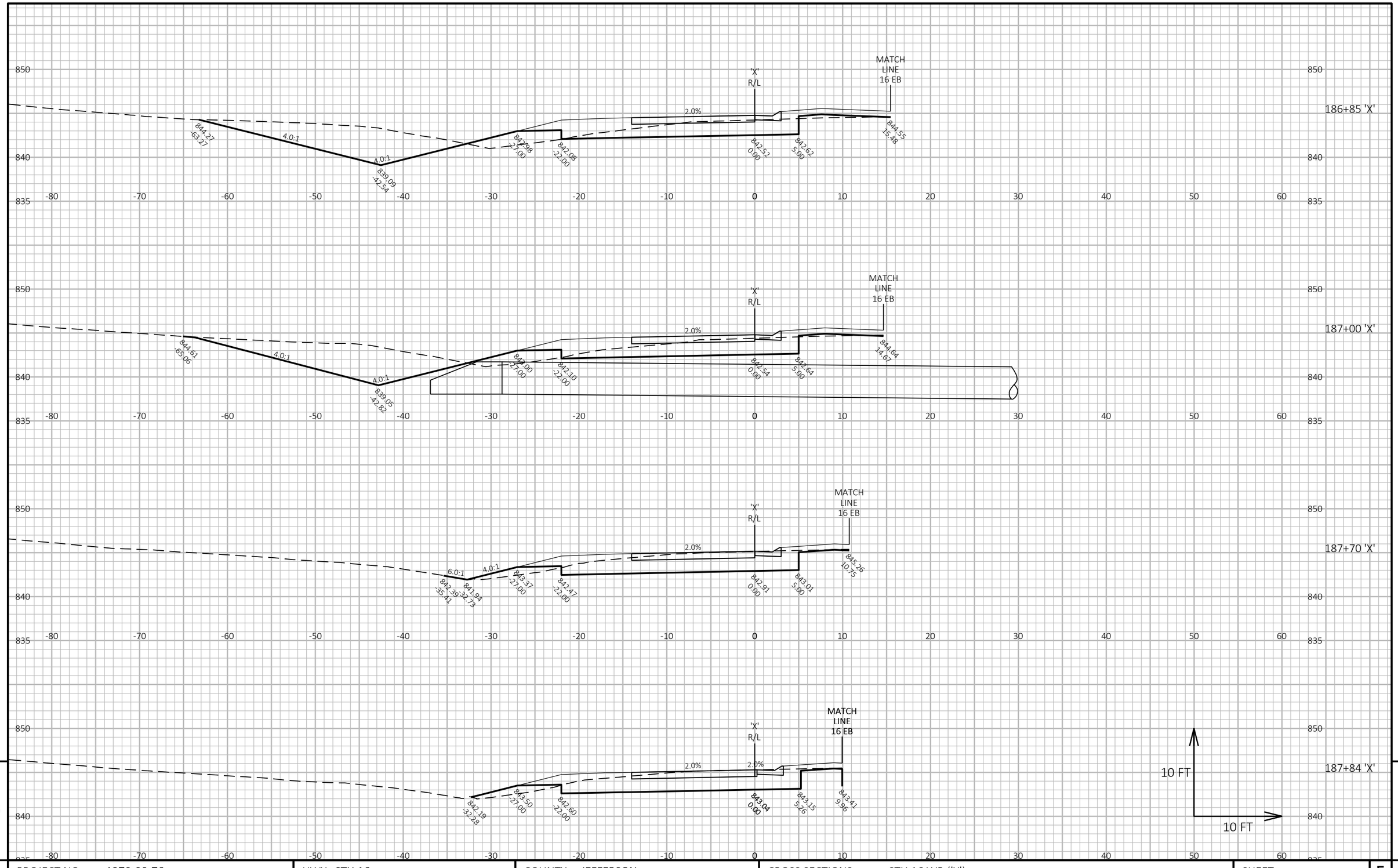
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 475	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090206_XS-13700076-16W-LIVESECTIONS.DWG
LAYOUT NAME - 090215-13700076-16W

PLOT DATE : 8/30/2024 5:01 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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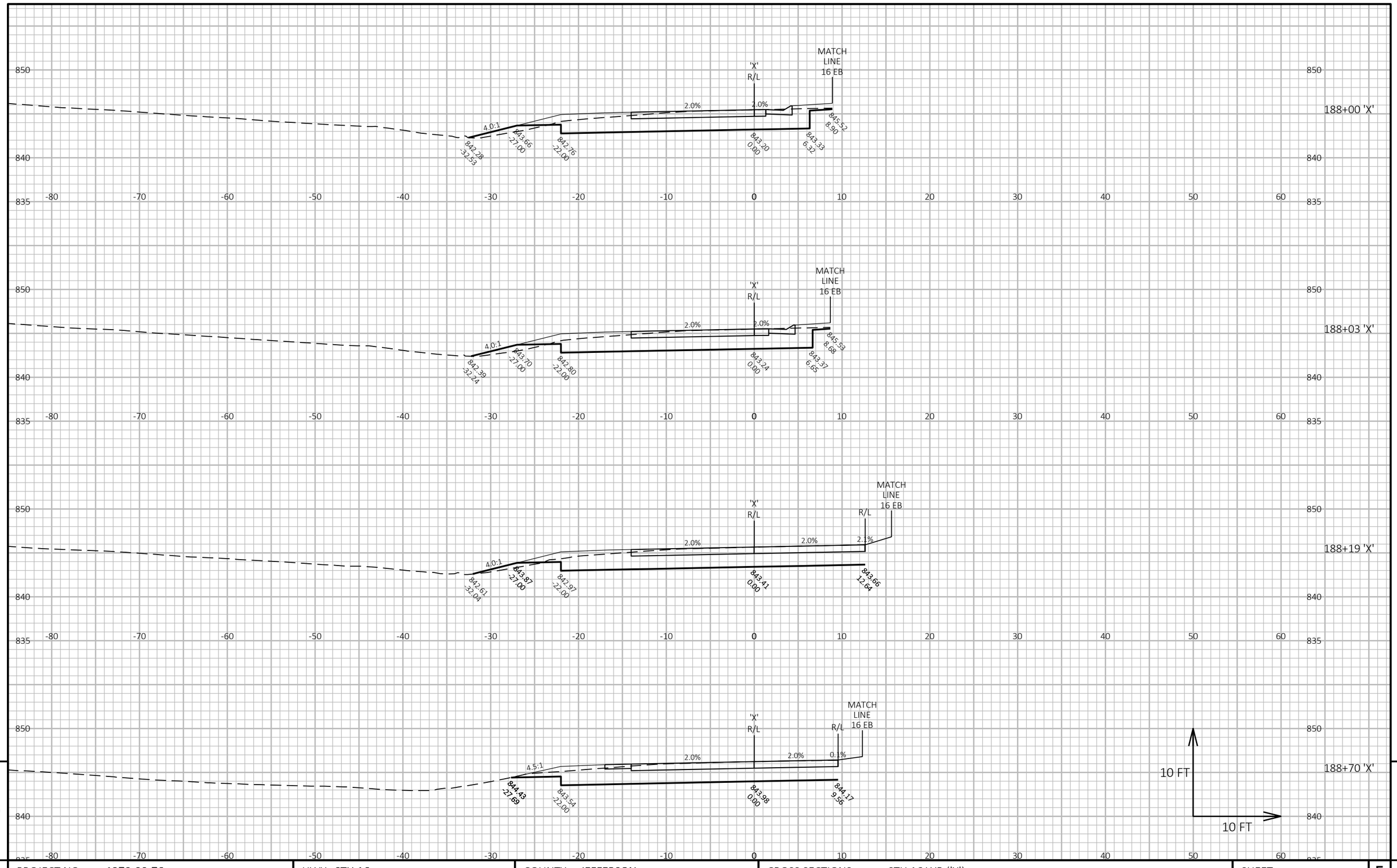
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 476	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090206_XS-13700076-16W-LIVESECTIONS.DWG
LAYOUT NAME - 090216-13700076-16W

PLOT DATE : 8/30/2024 5:01 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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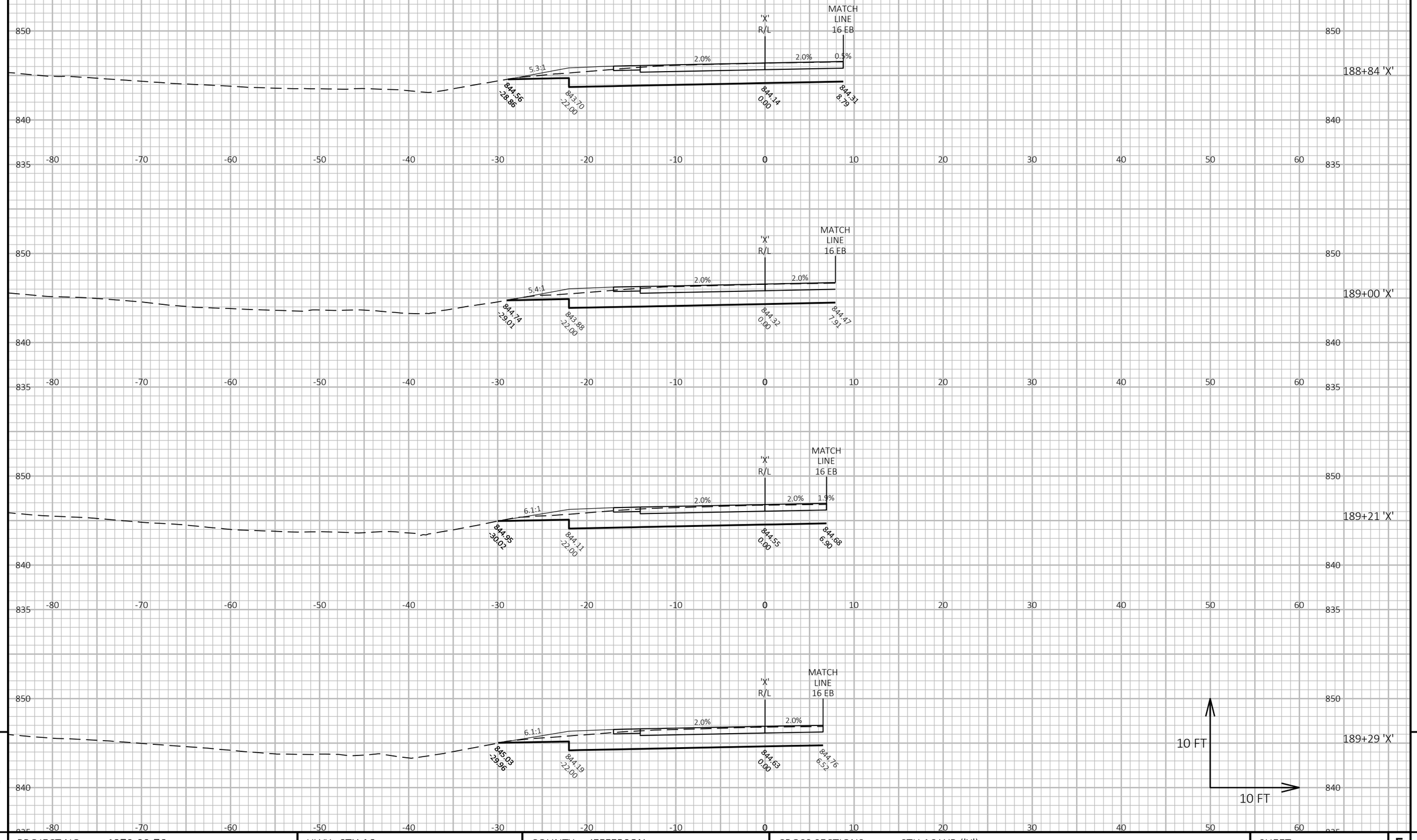
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 477	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090206_XS-13700076-16W-LIVESECTIONS.DWG
LAYOUT NAME - 090217-13700076-16W

PLOT DATE : 8/30/2024 5:01 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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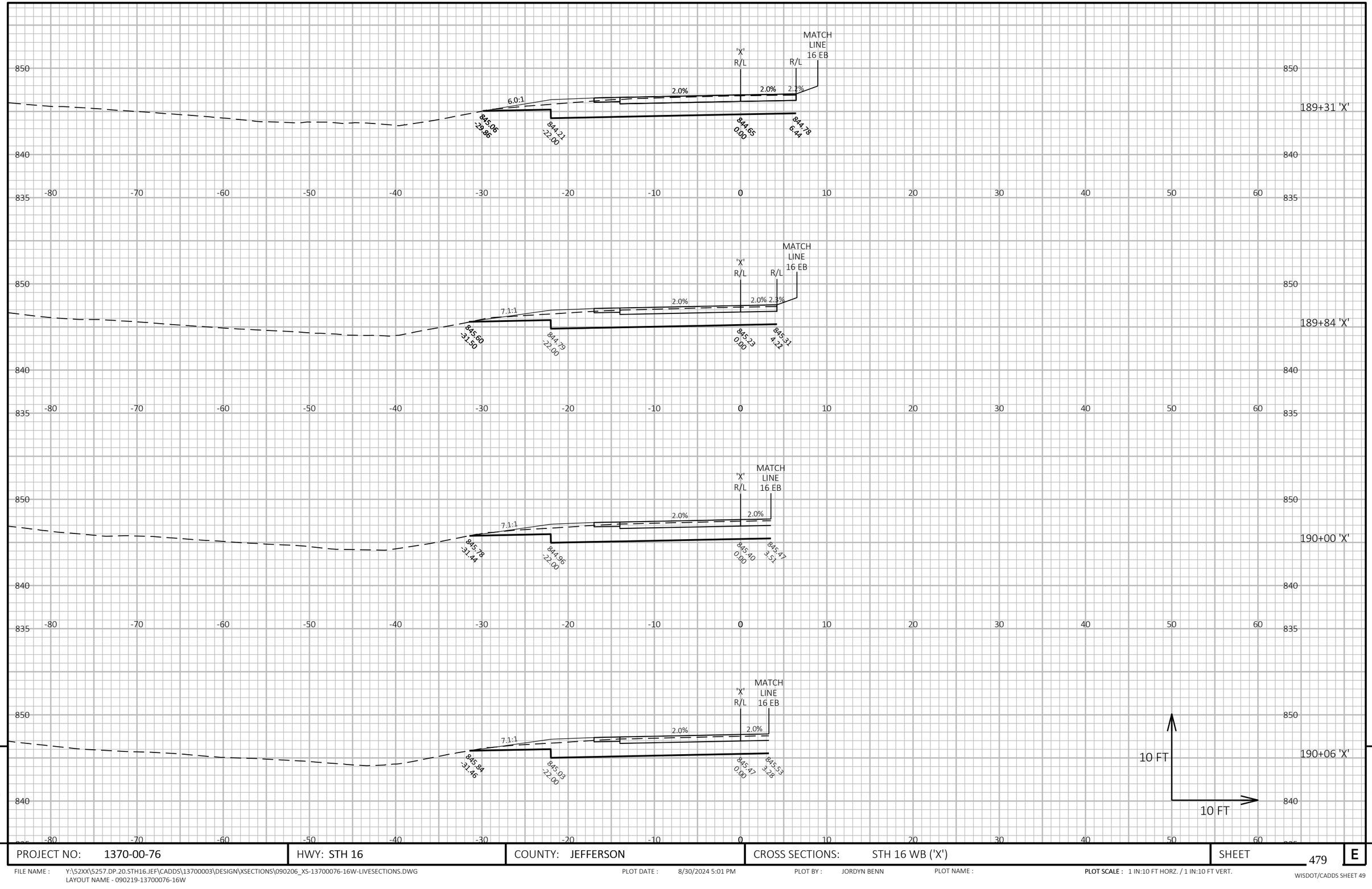
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 478	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090206_XS-13700076-16W-LIVESECTIONS.DWG
LAYOUT NAME - 090218-13700076-16W

PLOT DATE : 8/30/2024 5:01 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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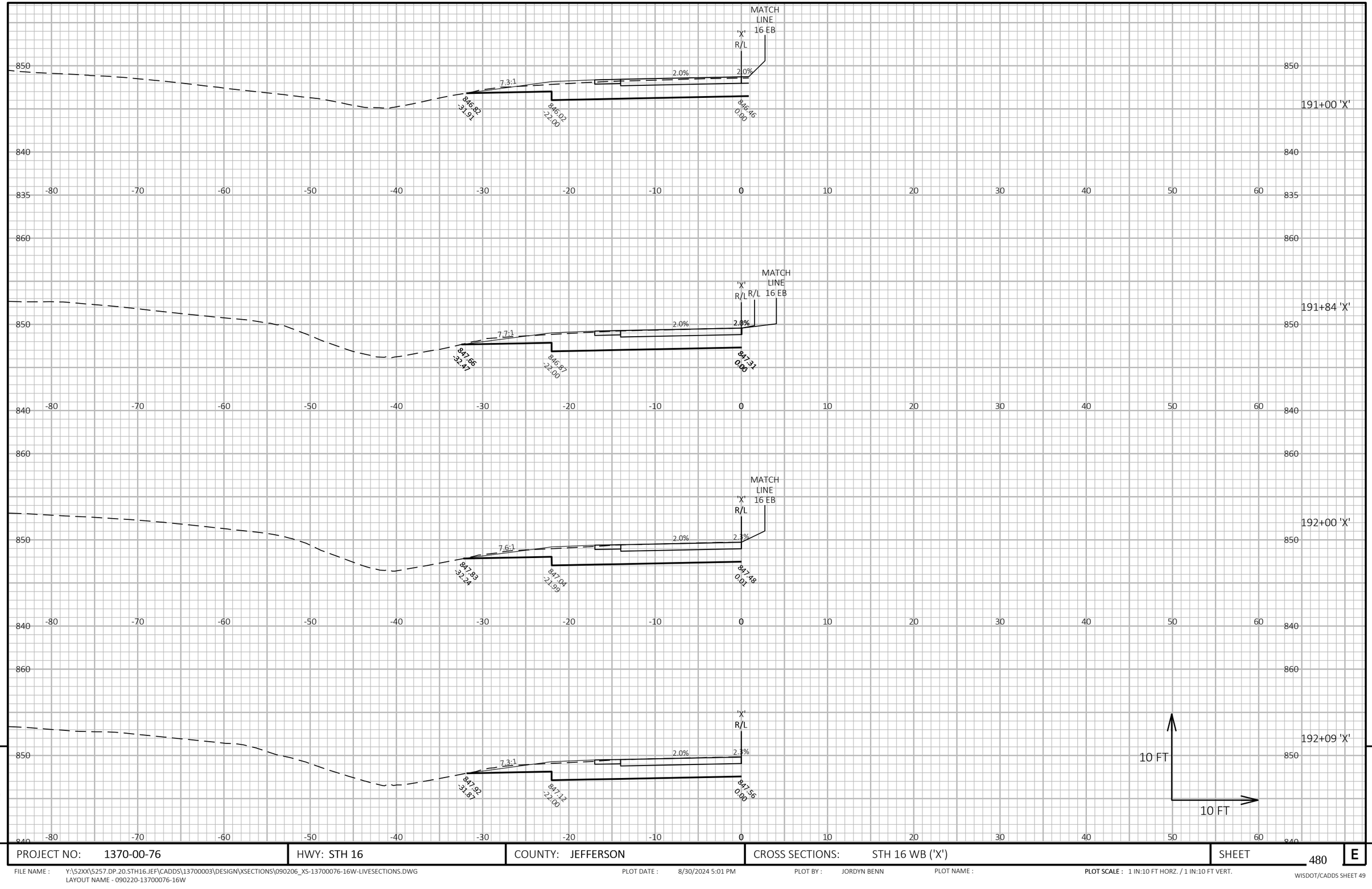
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 479	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090206_XS-13700076-16W-LIVESECTIONS.DWG
LAYOUT NAME - 090219-13700076-16W

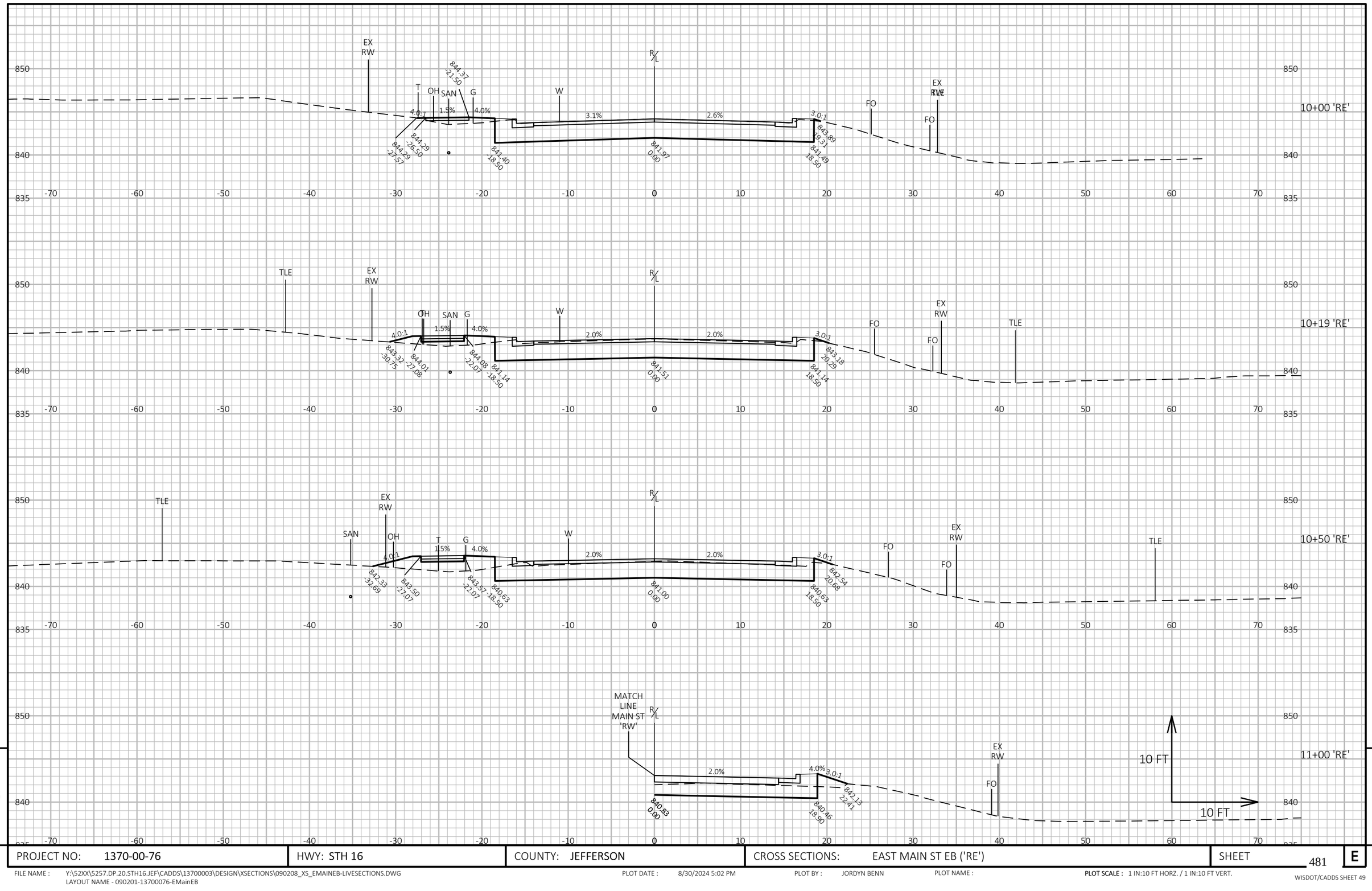
PLOT DATE : 8/30/2024 5:01 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 480	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090206_XS-13700076-16W-LIVESECTIONS.DWG
LAYOUT NAME - 090220-13700076-16W

PLOT DATE : 8/30/2024 5:01 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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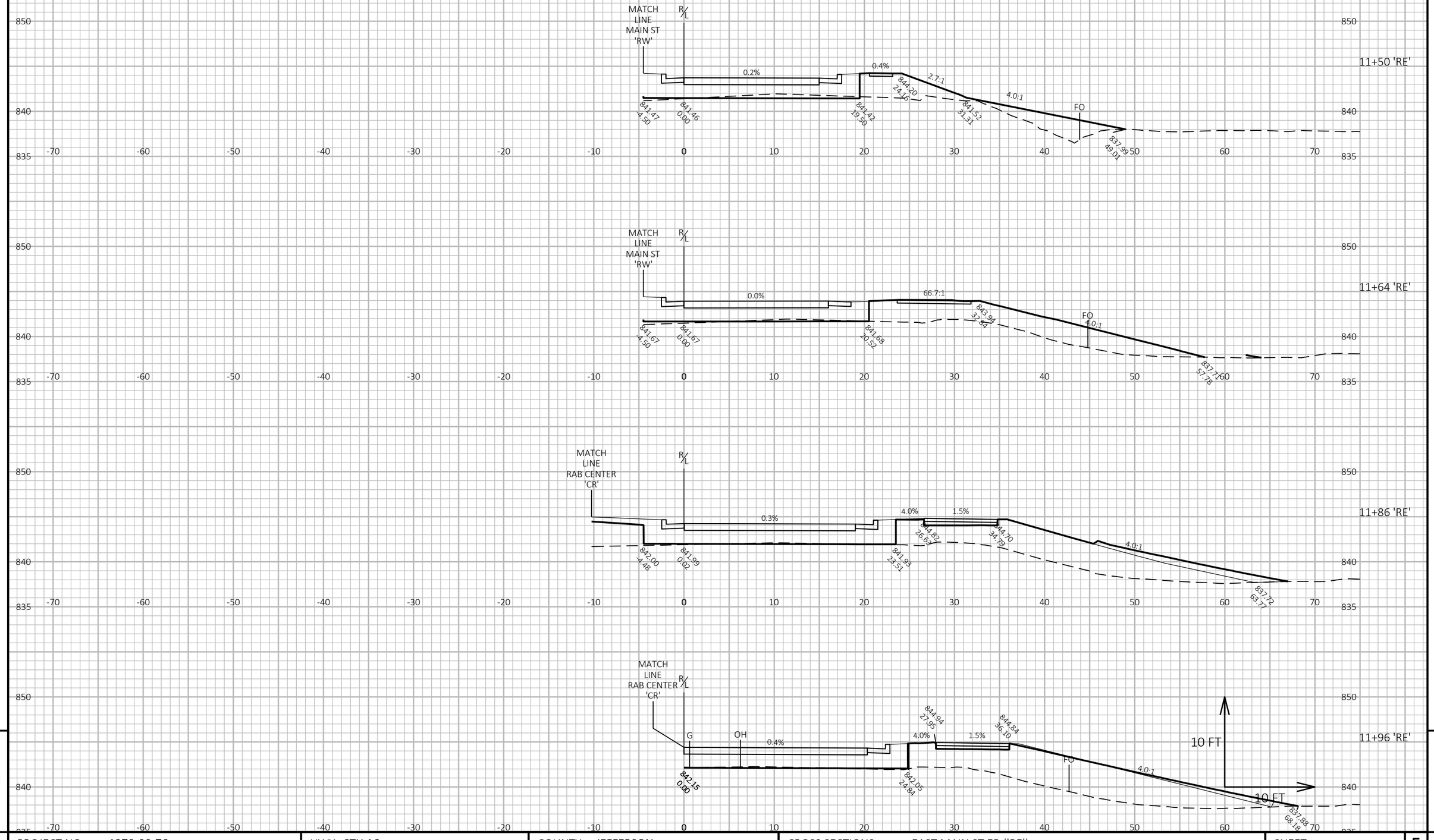
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: EAST MAIN ST EB ('RE')	SHEET 481	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090208_XS_EMAINEB-LIVESECTIONS.DWG
LAYOUT NAME - 090201-13700076-EMainEB

PLOT DATE : 8/30/2024 5:02 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

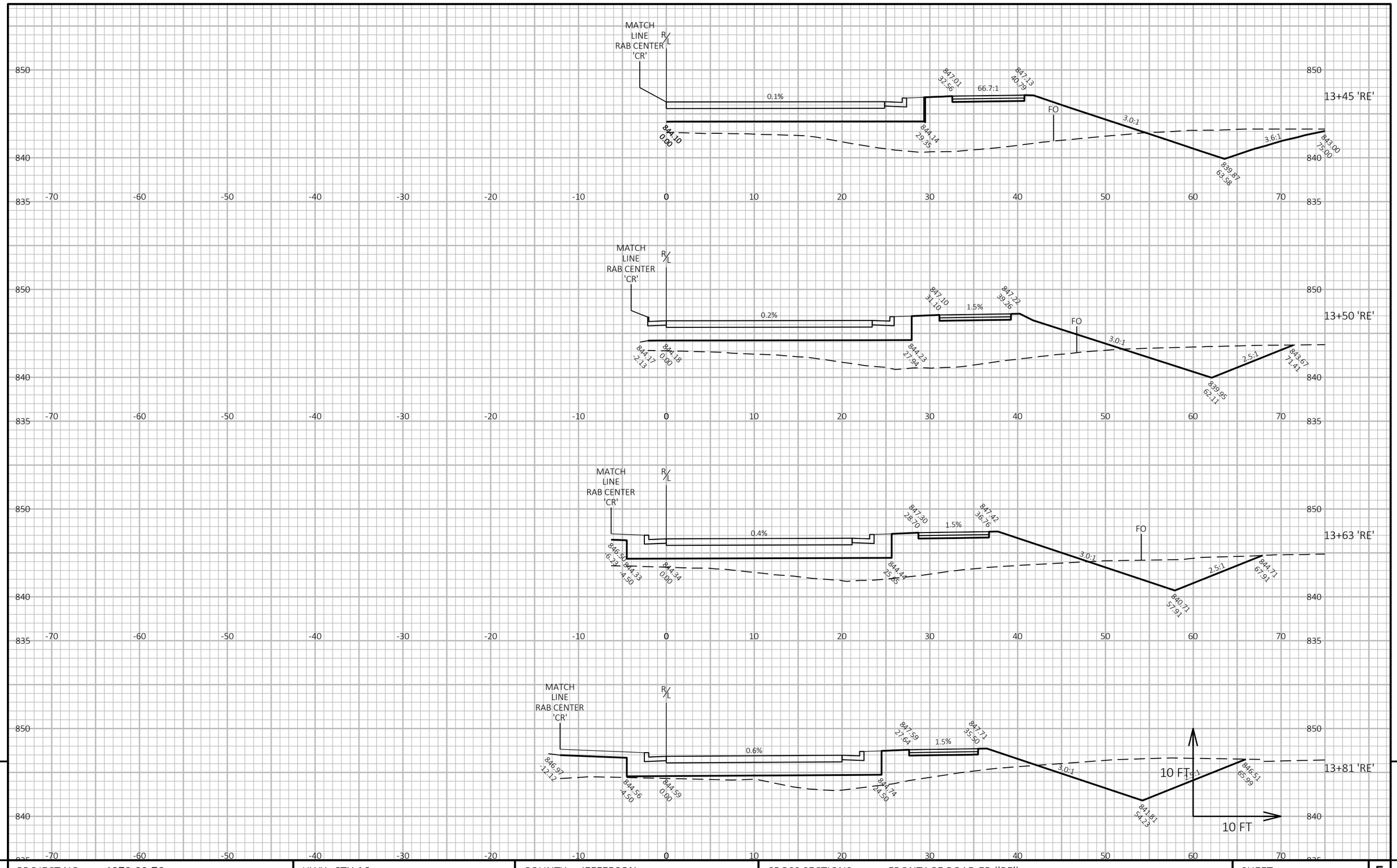
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: EAST MAIN ST EB ('RE')	SHEET 482	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090208_XS_EMAINEB-LIVESECTIONS.DWG
LAYOUT NAME - 090202-13700076-EMainEB

PLOT DATE : 8/30/2024 5:02 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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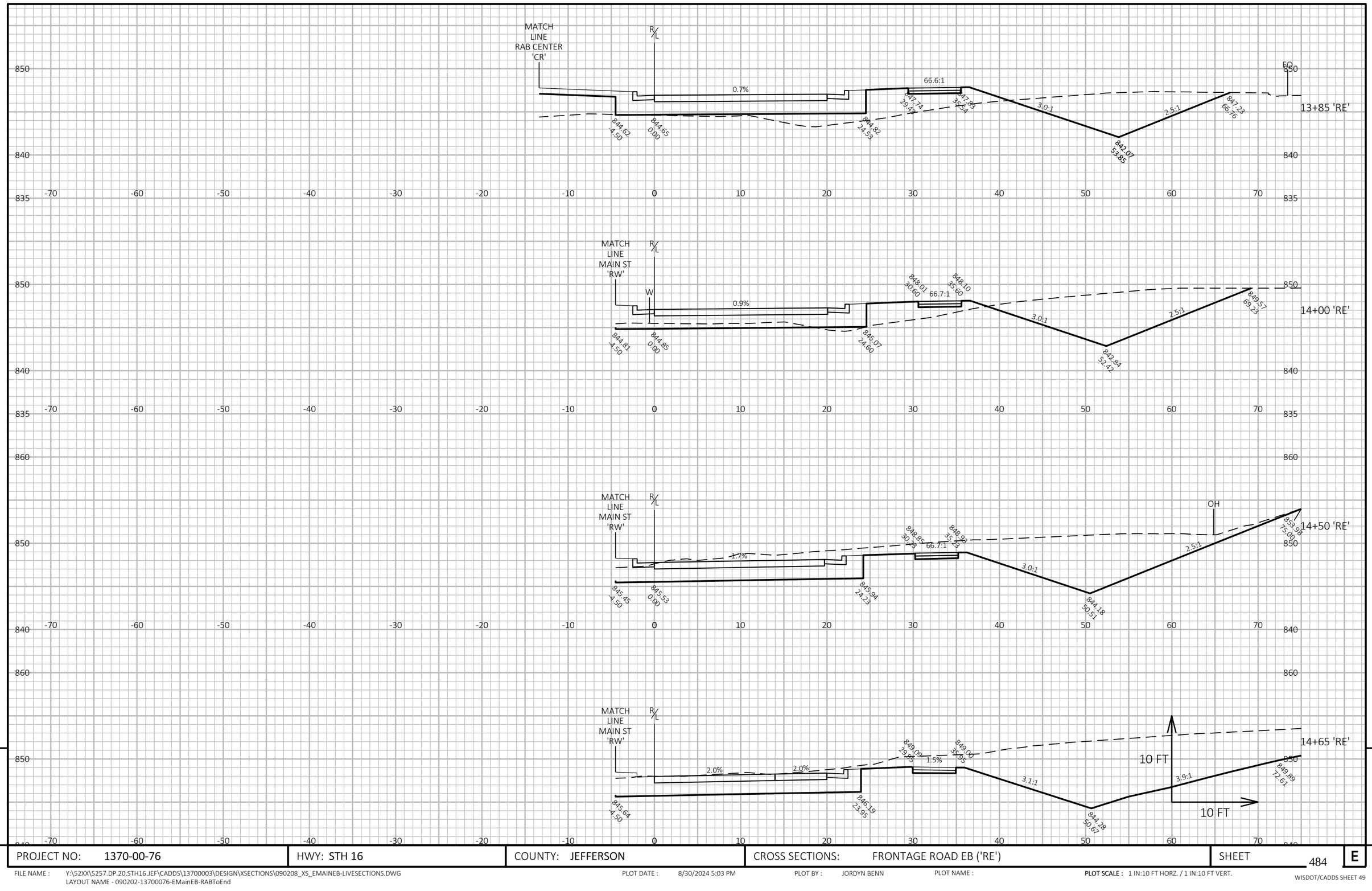
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: FRONTAGE ROAD EB ('RE')	SHEET 483	E

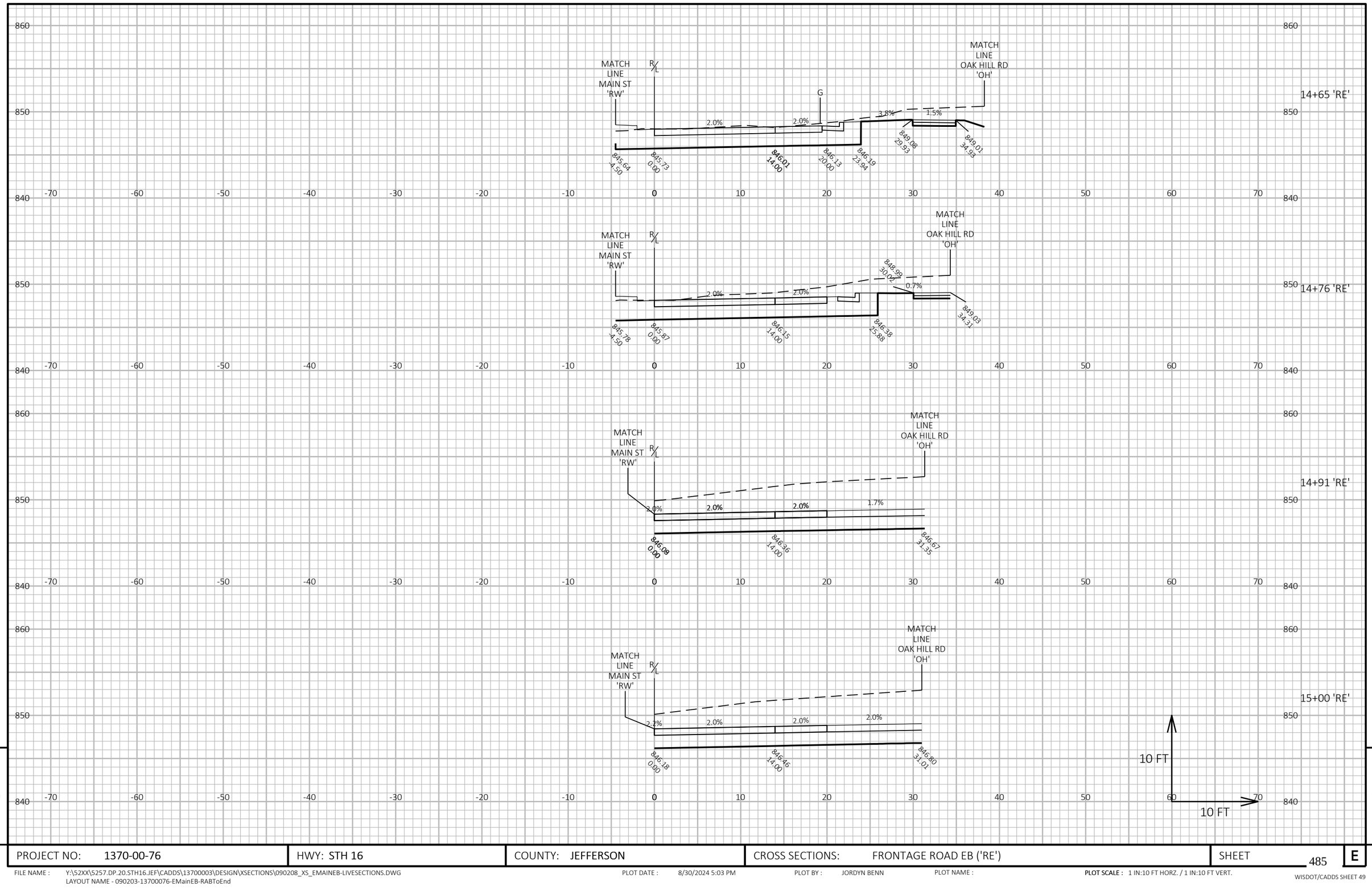


PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: FRONTAGE ROAD EB ('RE')	SHEET 484	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090208_XS_EMAINEB-LIVESECTIONS.DWG
LAYOUT NAME - 090202-13700076-EMainEB-RABToEnd

PLOT DATE : 8/30/2024 5:03 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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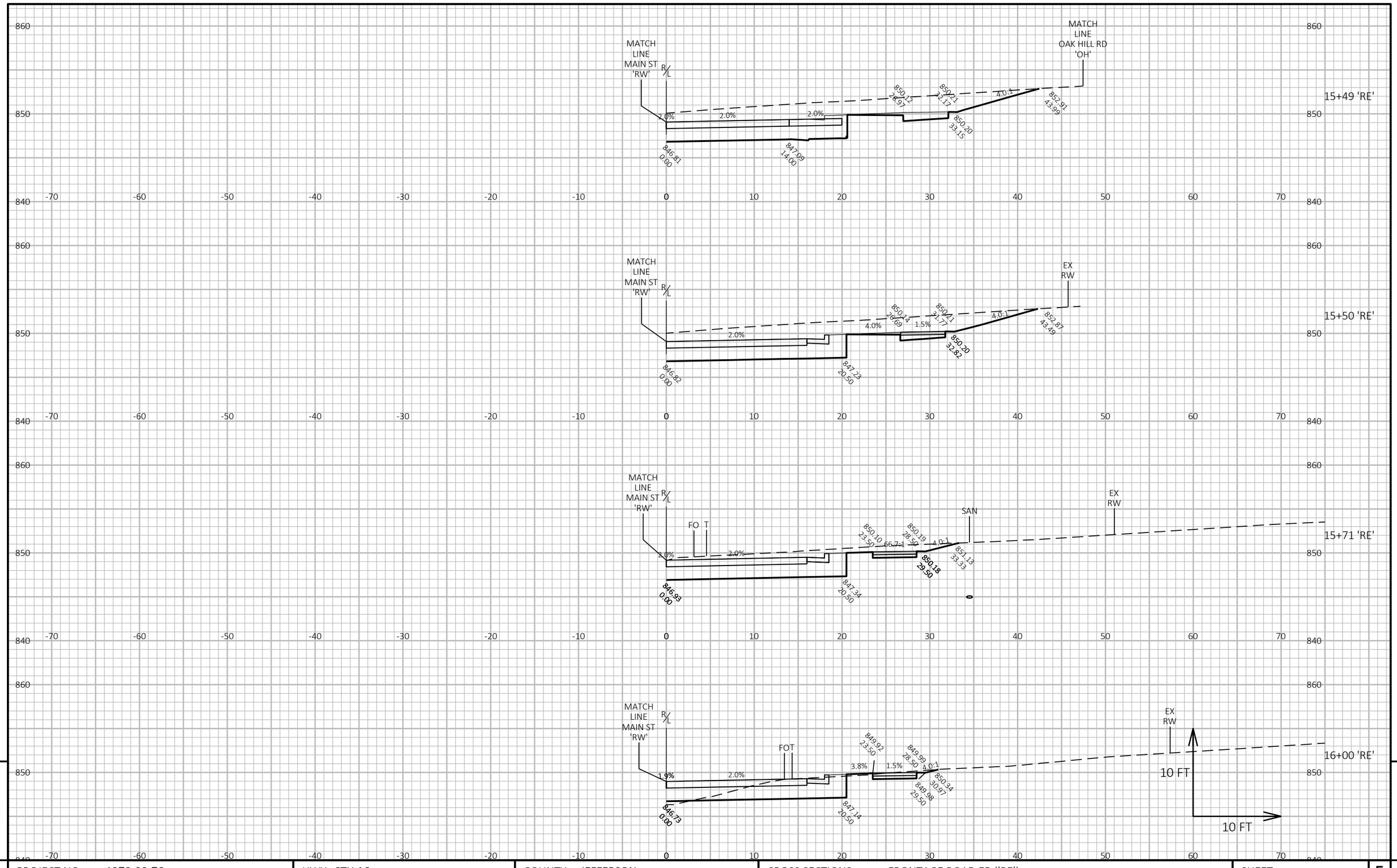
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: FRONTAGE ROAD EB ('RE')	SHEET 485	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090208_XS_EMAINEB-LIVESECTIONS.DWG
LAYOUT NAME - 090203-13700076-EMainEB-RABToEnd

PLOT DATE : 8/30/2024 5:03 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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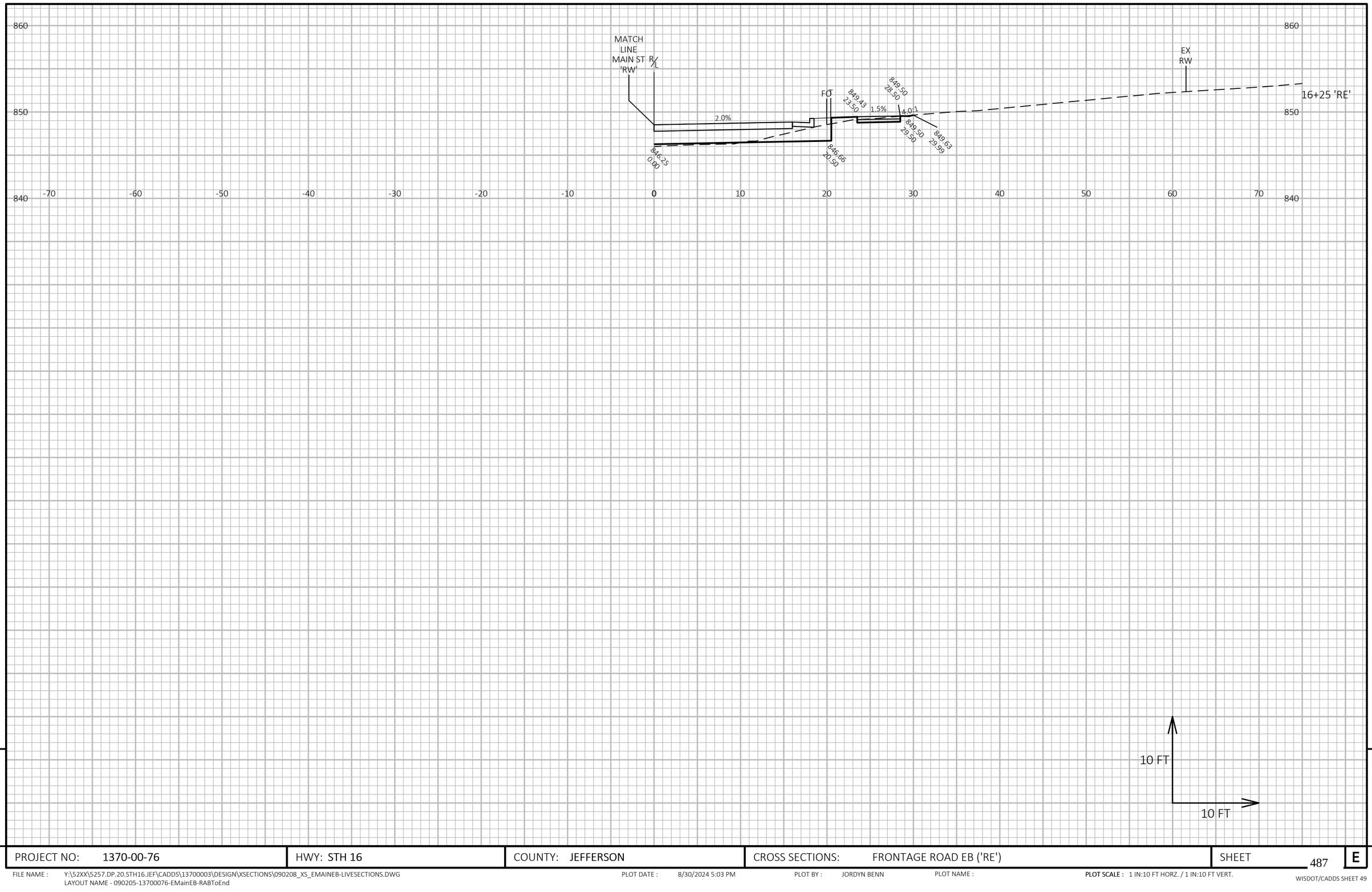
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: FRONTAGE ROAD EB ('RE')	SHEET 486	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090208_XS_EMAINEB-LIVESECTIONS.DWG
LAYOUT NAME - 090204-13700076-EMainEB-RABToEnd

PLOT DATE : 8/30/2024 5:03 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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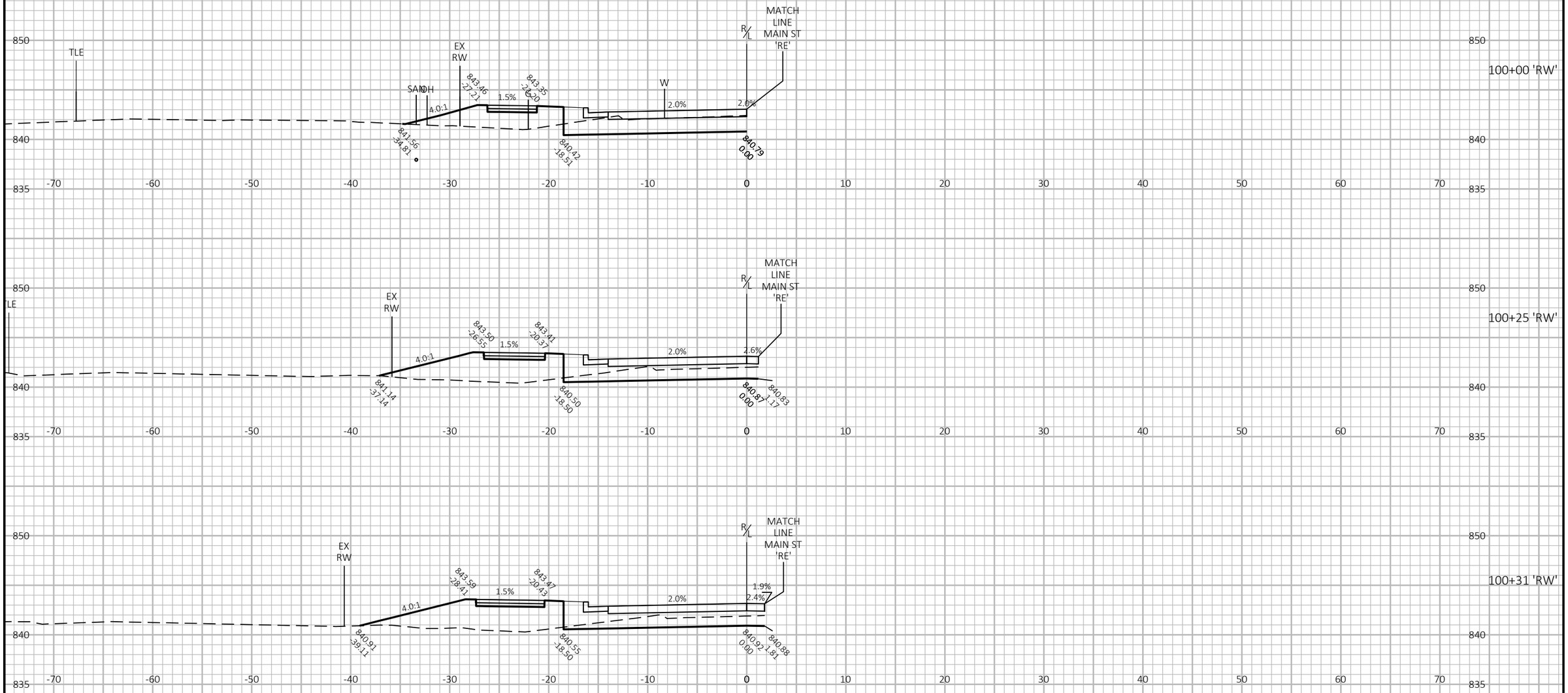
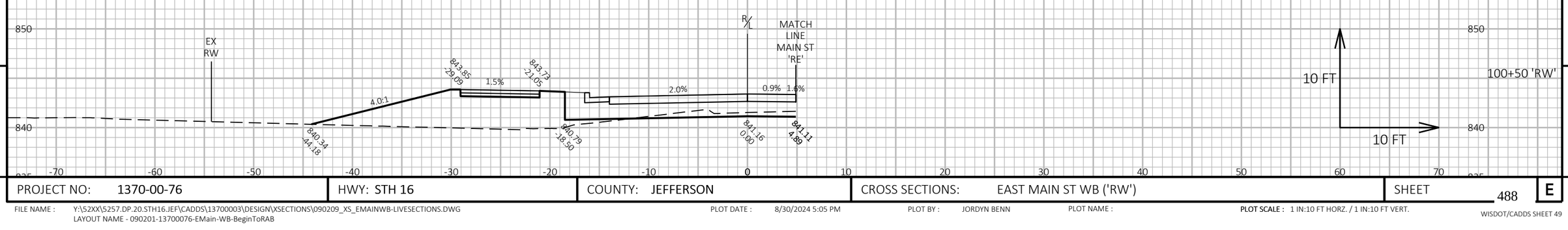
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: FRONTAGE ROAD EB ('RE')	SHEET 487	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090208_XS_EMAINEB-LIVESECTIONS.DWG
LAYOUT NAME - 090205-13700076-EMainEB-RABToEnd

PLOT DATE : 8/30/2024 5:03 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.





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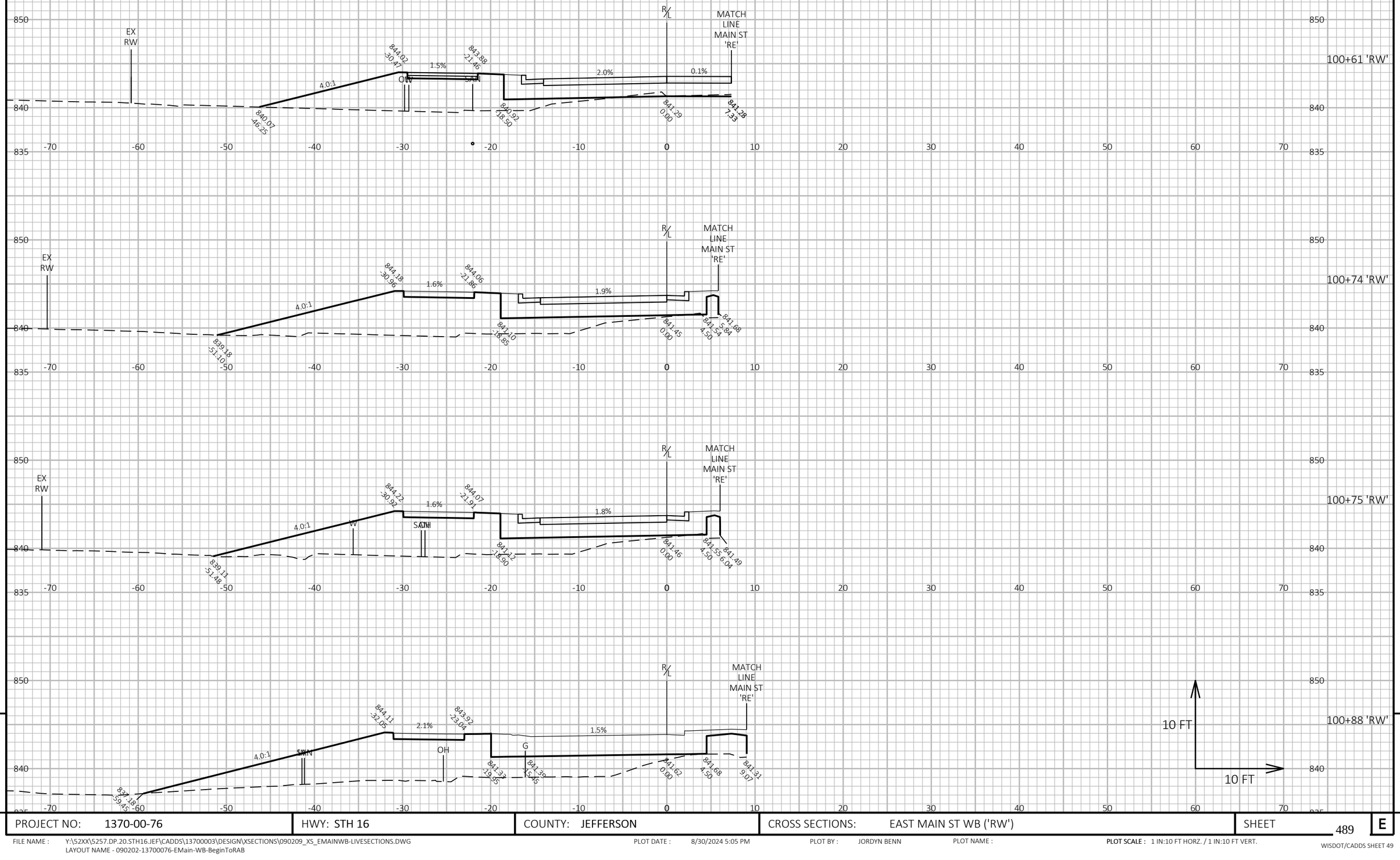
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: EAST MAIN ST WB ('RW')	SHEET 488	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090209_XS_EMAINWB-LIVESECTIONS.DWG
LAYOUT NAME - 090201-13700076-EMain-WB-BeginToRAB

PLOT DATE : 8/30/2024 5:05 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: EAST MAIN ST WB ('RW')	SHEET 489	E

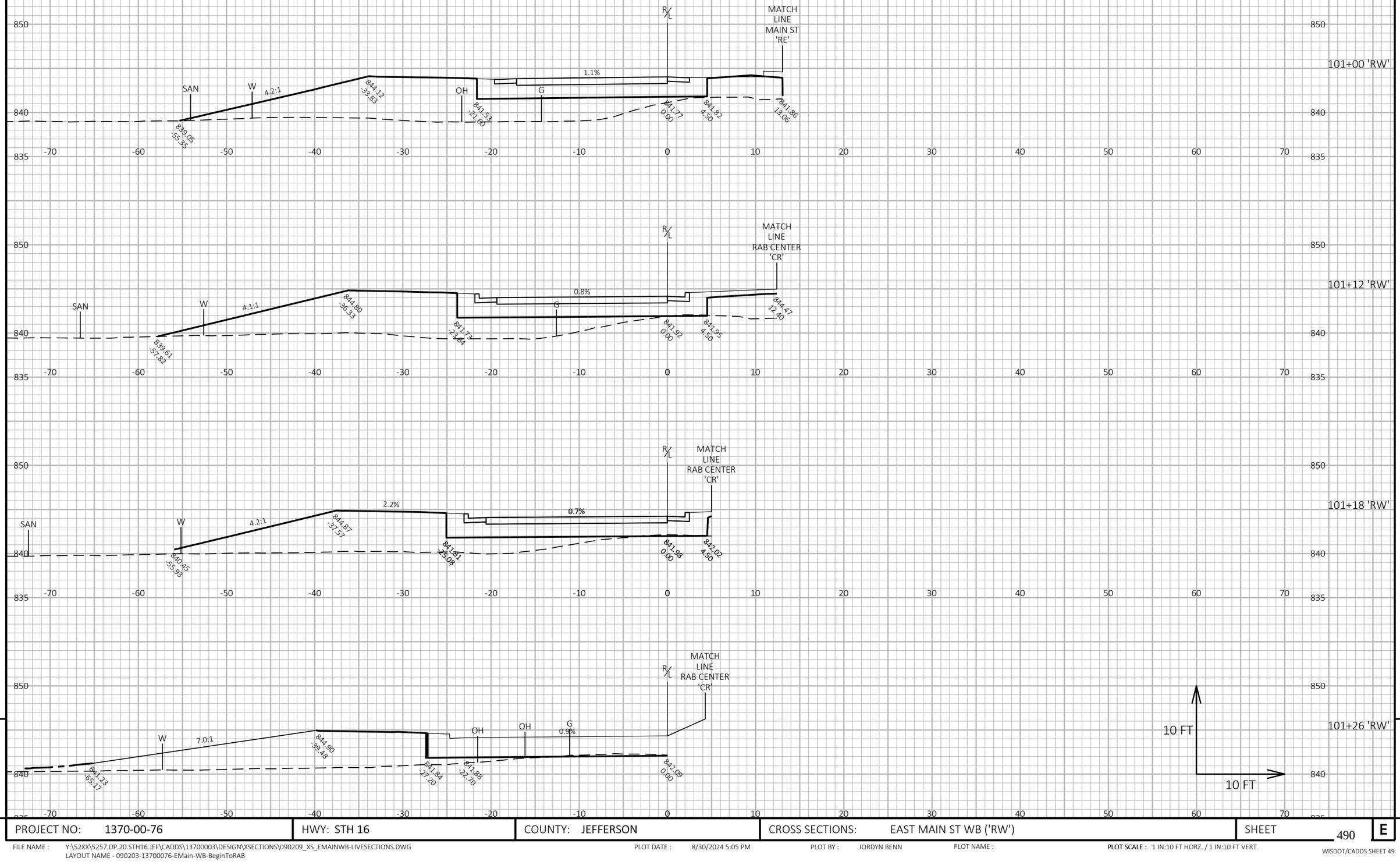
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090209_XS_EMAINWB-LIVESECTIONS.DWG
LAYOUT NAME - 090202-13700076-EMain-WB-BeginToRAB

PLOT DATE : 8/30/2024 5:05 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: EAST MAIN ST WB ('RW')	SHEET 490	E

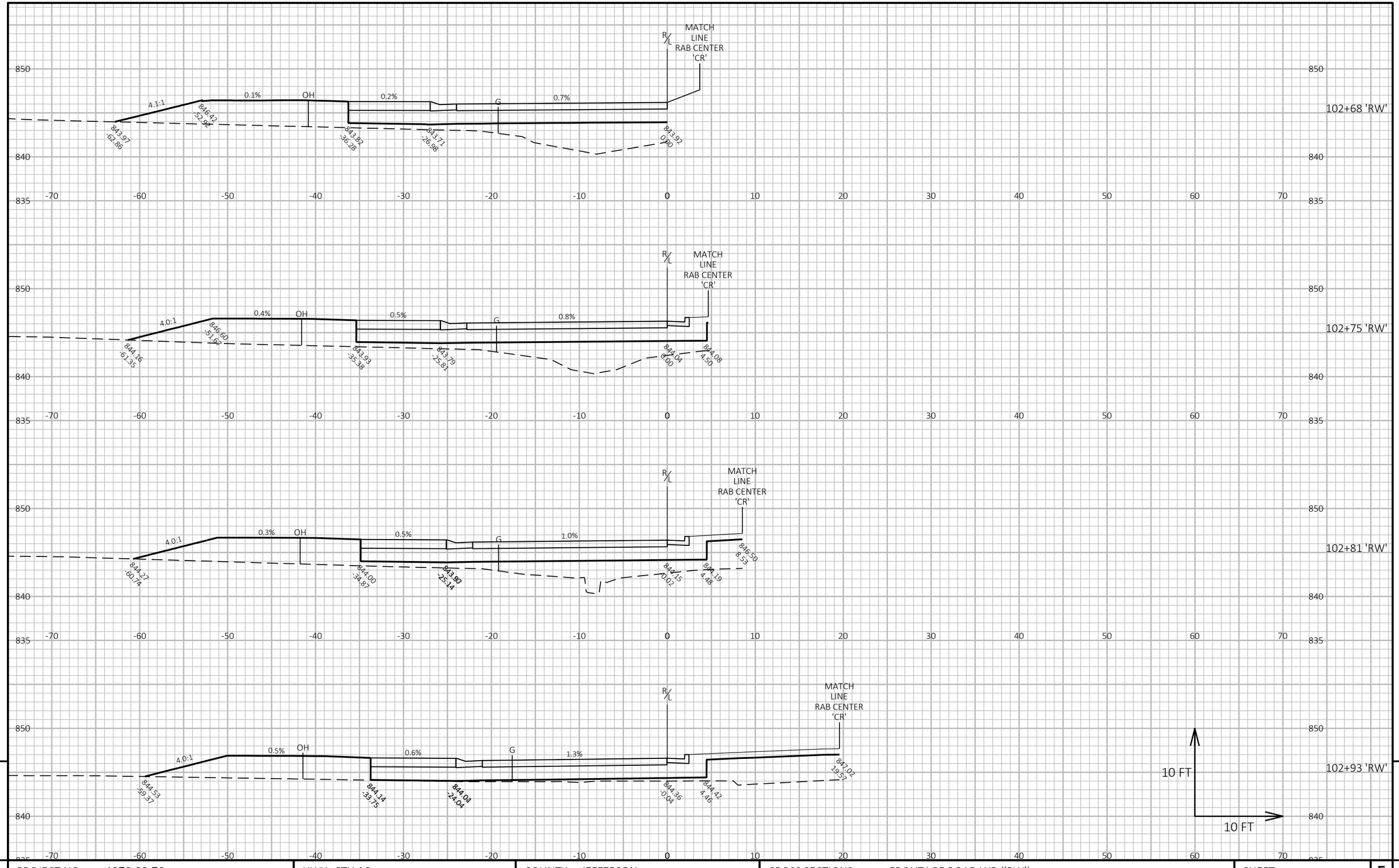
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090209_XS_EMAINWB-LIVESECTIONS.DWG
LAYOUT NAME - 090203-13700076-EMain-WB-BeginToRAB

PLOT DATE : 8/30/2024 5:05 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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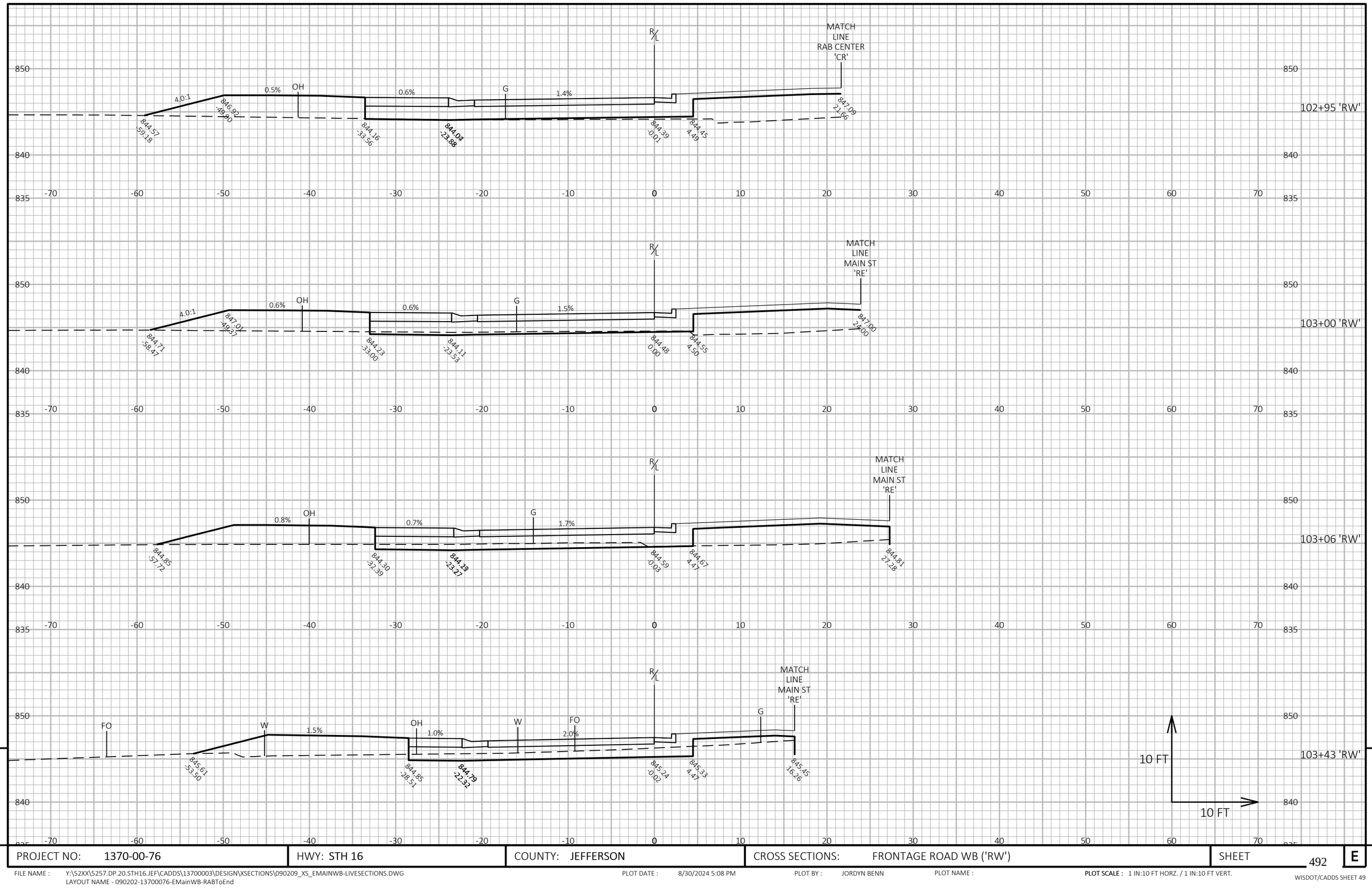
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: FRONTAGE ROAD WB ('RW')	SHEET 491	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090209_XS_EMAINWB-LIVESECTIONS.DWG
LAYOUT NAME - 090201-13700076-EMainWB-RABToEnd

PLOT DATE : 8/30/2024 5:08 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

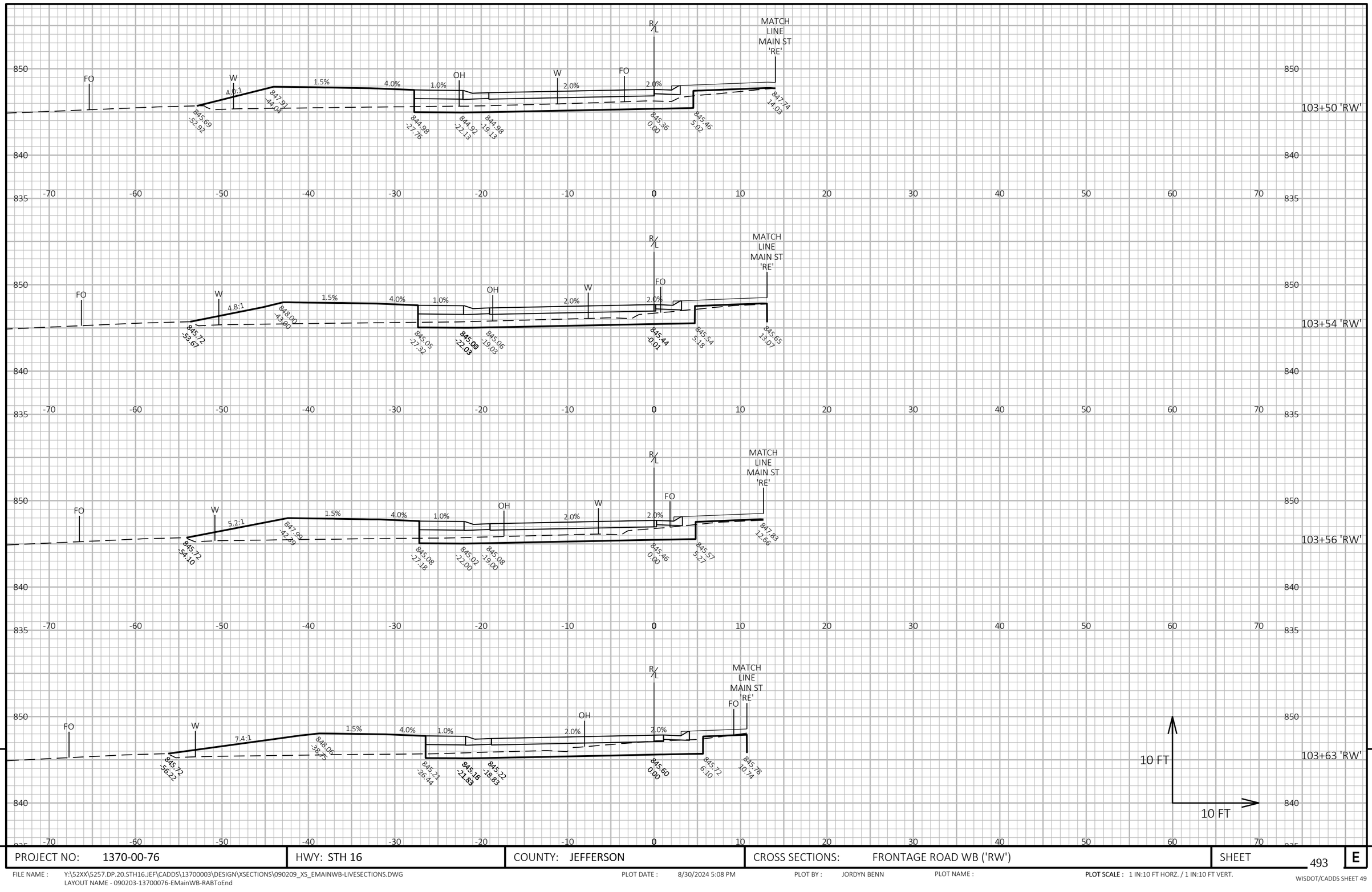


PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: FRONTAGE ROAD WB ('RW')	SHEET 492	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090209_XS_EMAINWB-LIVESECTIONS.DWG
LAYOUT NAME - 090202-13700076-EMainWB-RABToEnd

PLOT DATE : 8/30/2024 5:08 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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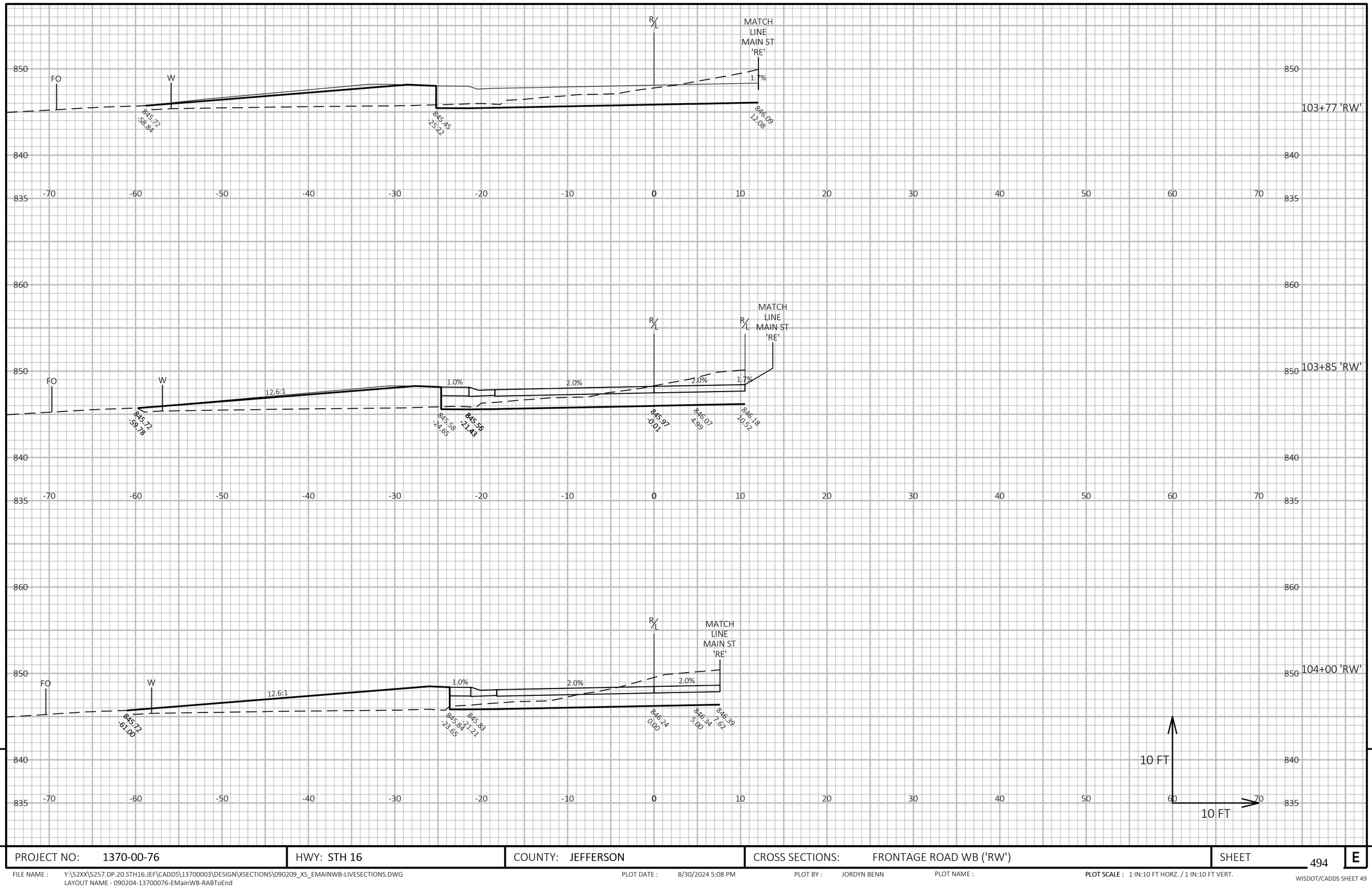
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: FRONTAGE ROAD WB ('RW')	SHEET 493	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090209_XS_EMAINWB-LIVESECTIONS.DWG
LAYOUT NAME - 090203-13700076-EMainWB-RABToEnd

PLOT DATE : 8/30/2024 5:08 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

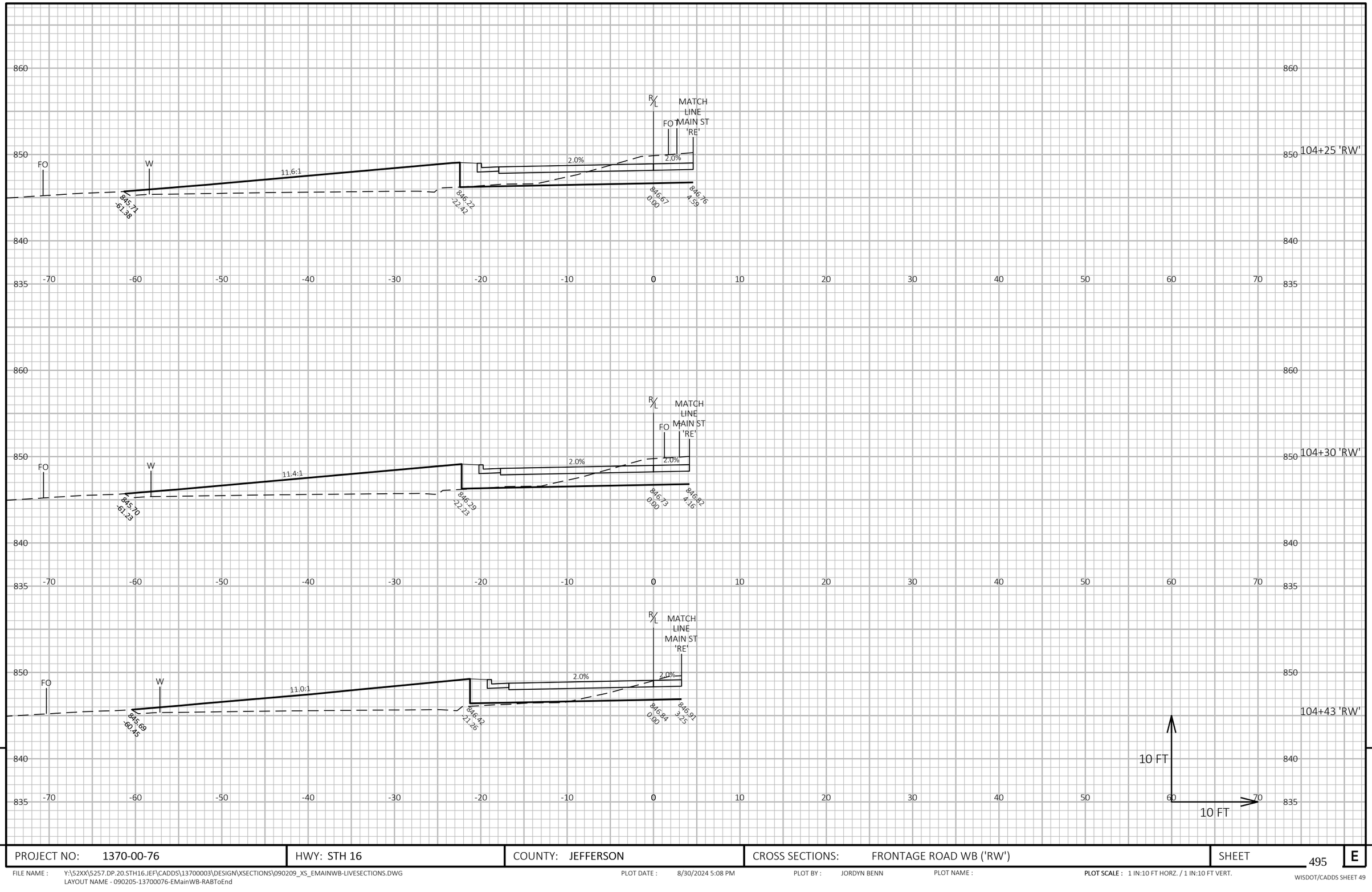


PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: FRONTAGE ROAD WB ('RW')	SHEET 494	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090209_XS_EMAINWB-LIVESECTIONS.DWG
LAYOUT NAME - 090204-13700076-EMainWB-RABToEnd

PLOT DATE : 8/30/2024 5:08 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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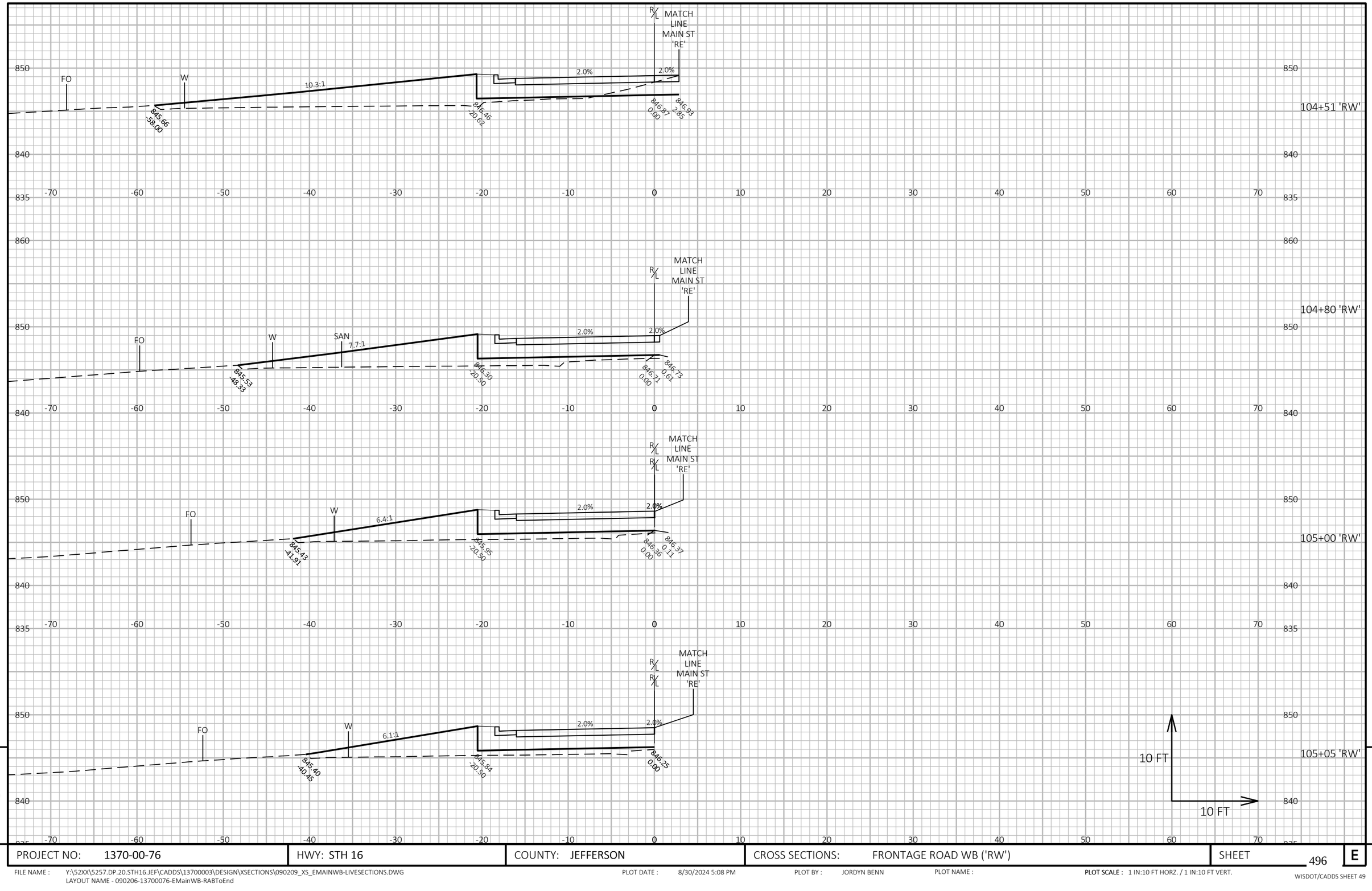
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: FRONTAGE ROAD WB ('RW')	SHEET 495	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090209_XS_EMAINWB-LIVESECTIONS.DWG
LAYOUT NAME - 090205-13700076-EMainWB-RABToEnd

PLOT DATE : 8/30/2024 5:08 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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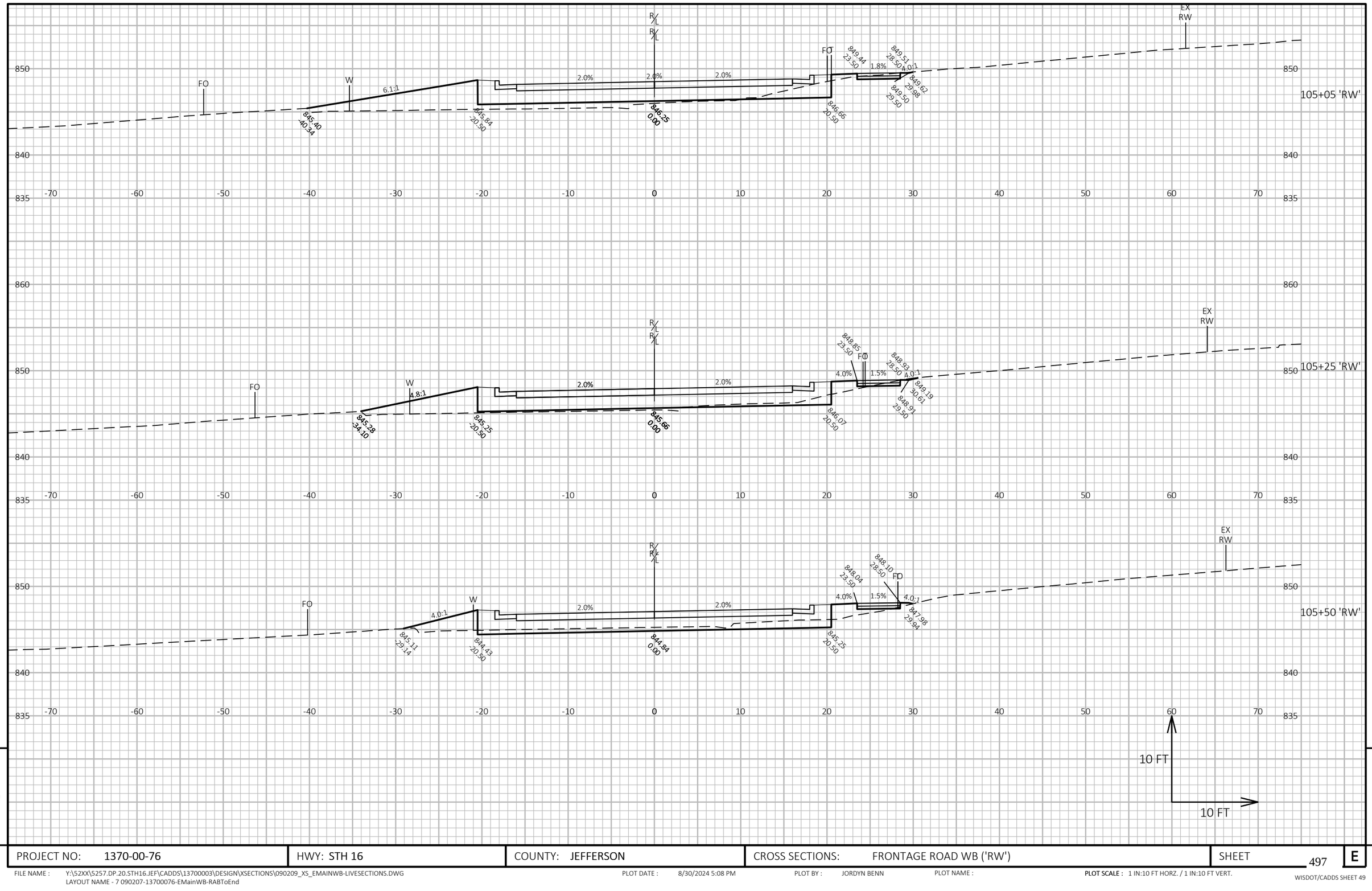
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: FRONTAGE ROAD WB ('RW')	SHEET 496	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090209_XS_EMAINWB-LIVESECTIONS.DWG
LAYOUT NAME - 090206-13700076-EMainWB-RABToEnd

PLOT DATE : 8/30/2024 5:08 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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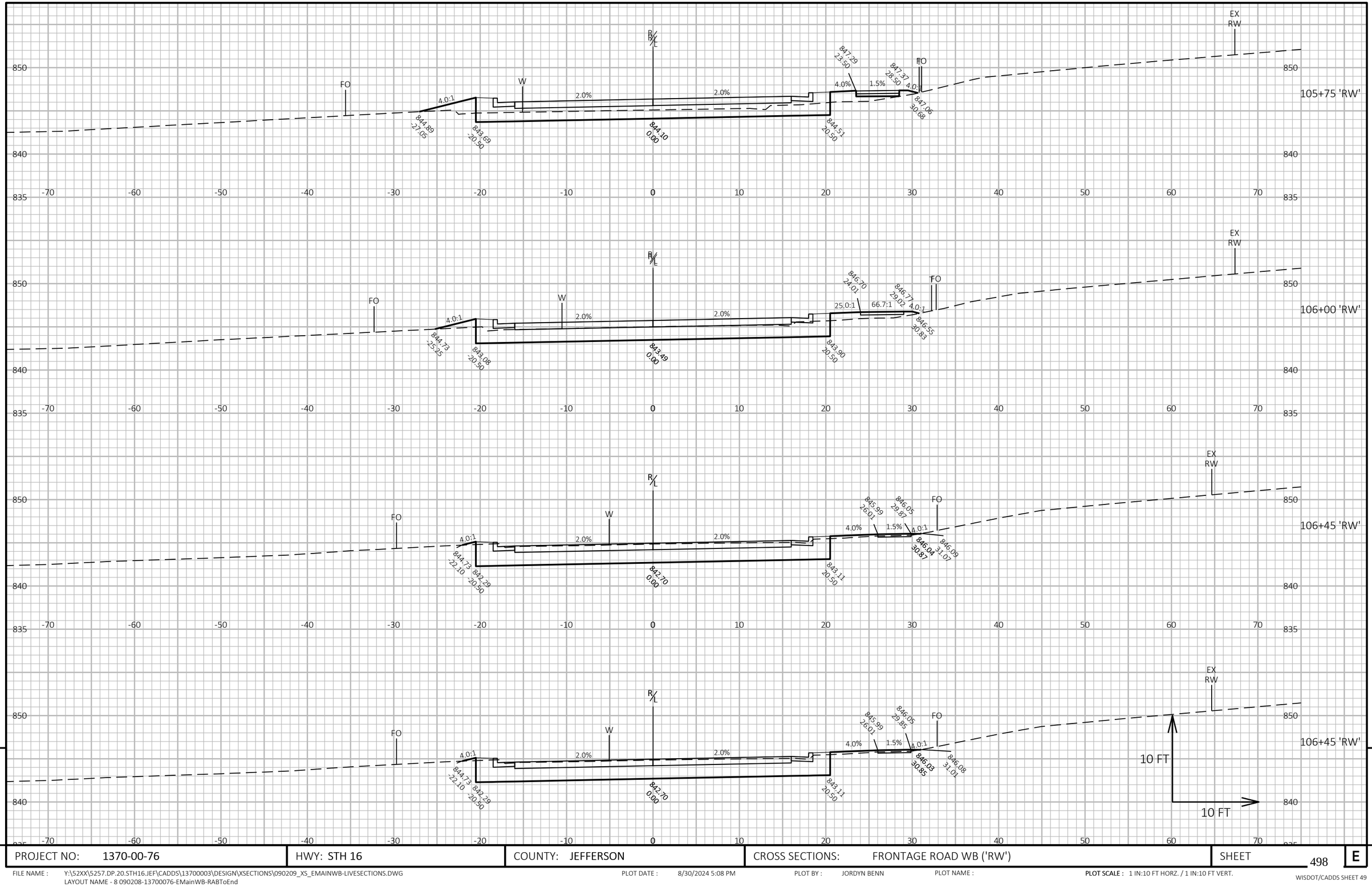
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: FRONTAGE ROAD WB ('RW')	SHEET 497	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090209_XS_EMAINWB-LIVESECTIONS.DWG
LAYOUT NAME - 7 090207-13700076-EMainWB-RABToEnd

PLOT DATE : 8/30/2024 5:08 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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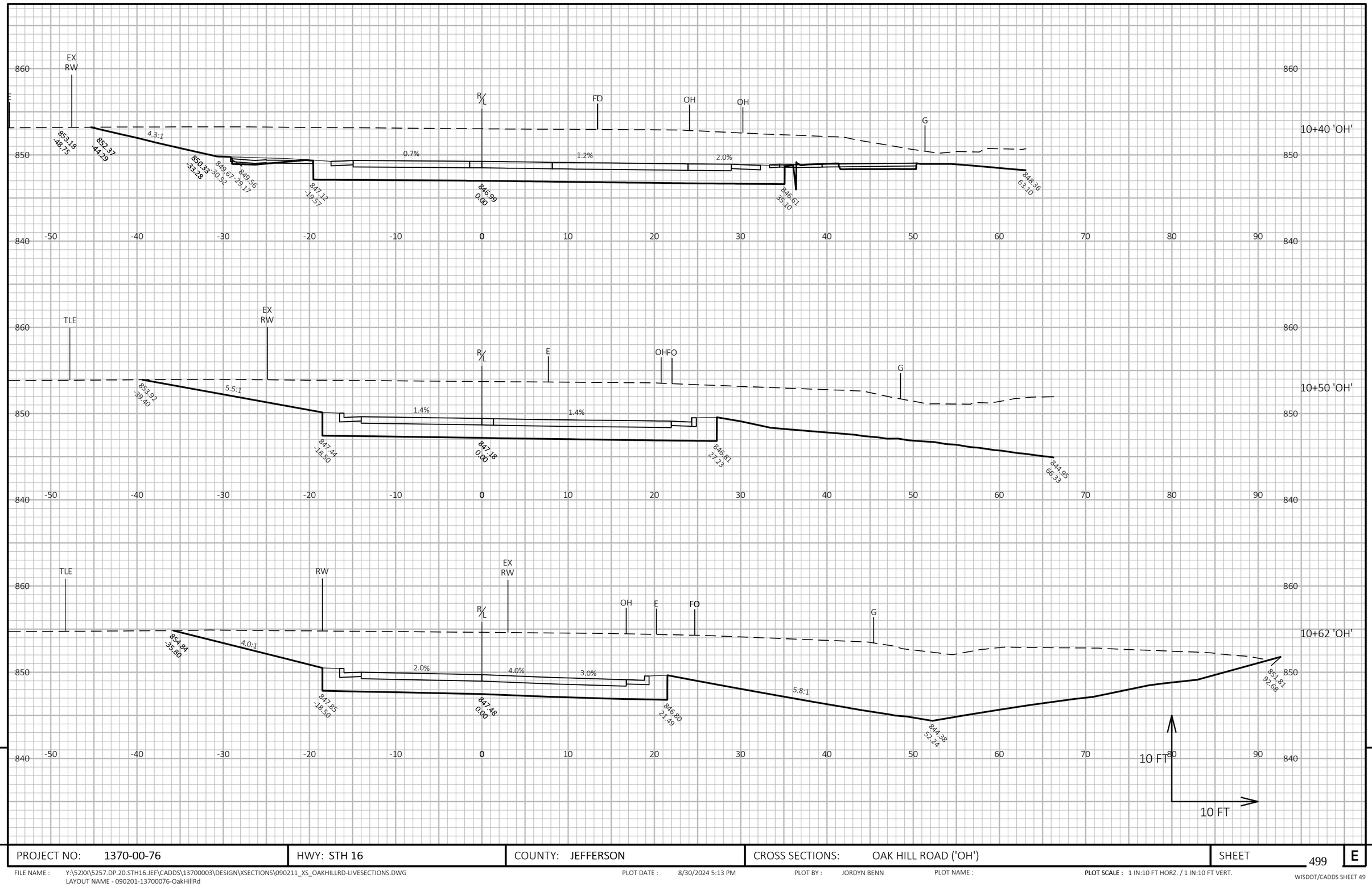
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: FRONTAGE ROAD WB ('RW')	SHEET 498	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090209_XS_EMAINWB-LIVESECTIONS.DWG
LAYOUT NAME - 8 090208-13700076-EMainWB-RABToEnd

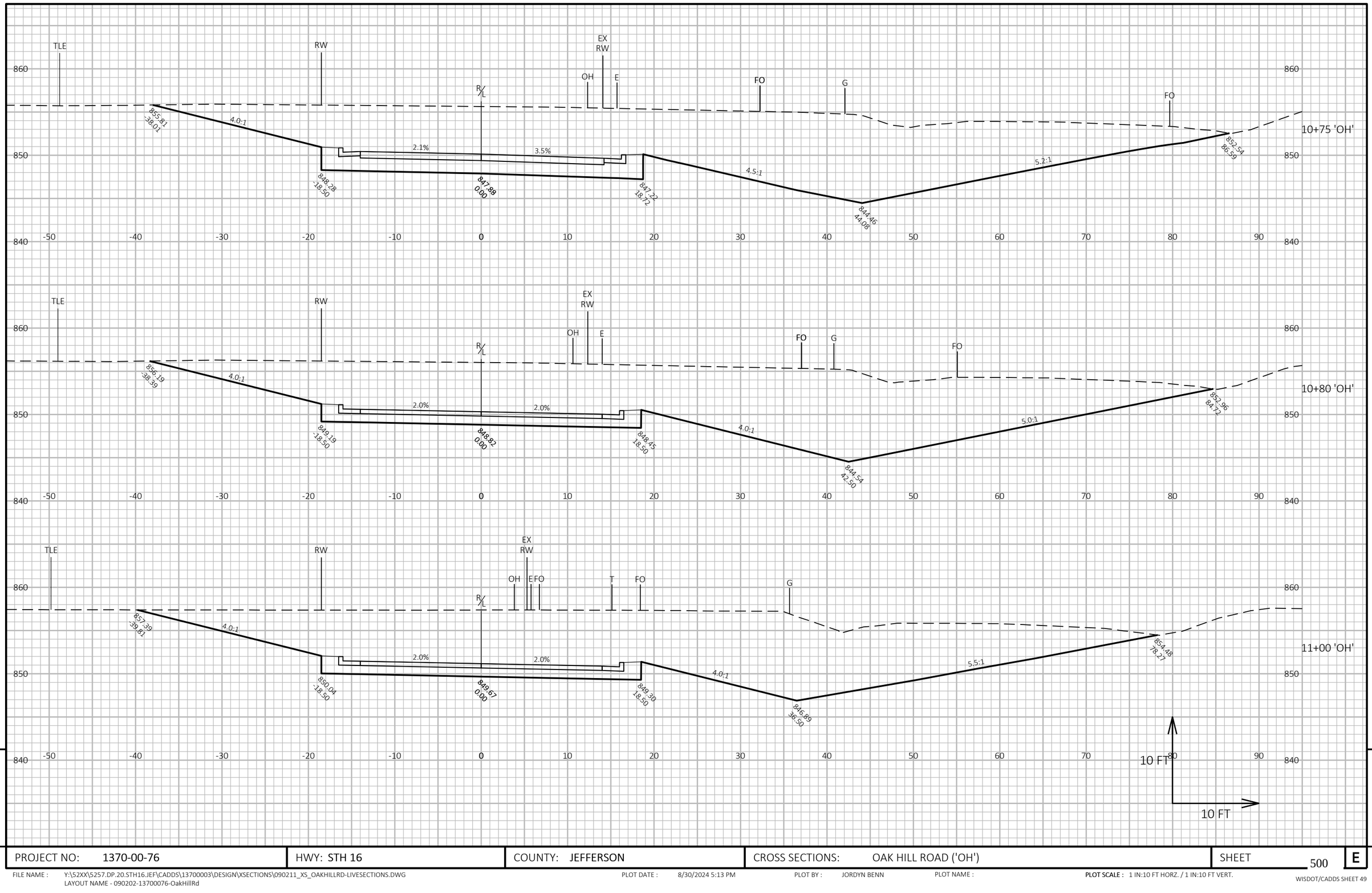
PLOT DATE : 8/30/2024 5:08 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: OAK HILL ROAD ('OH')	SHEET 499	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090211_XS_OAKHILLRD-LIVESECTIONS.DWG
LAYOUT NAME - 090201-13700076-OakHillRd

PLOT DATE : 8/30/2024 5:13 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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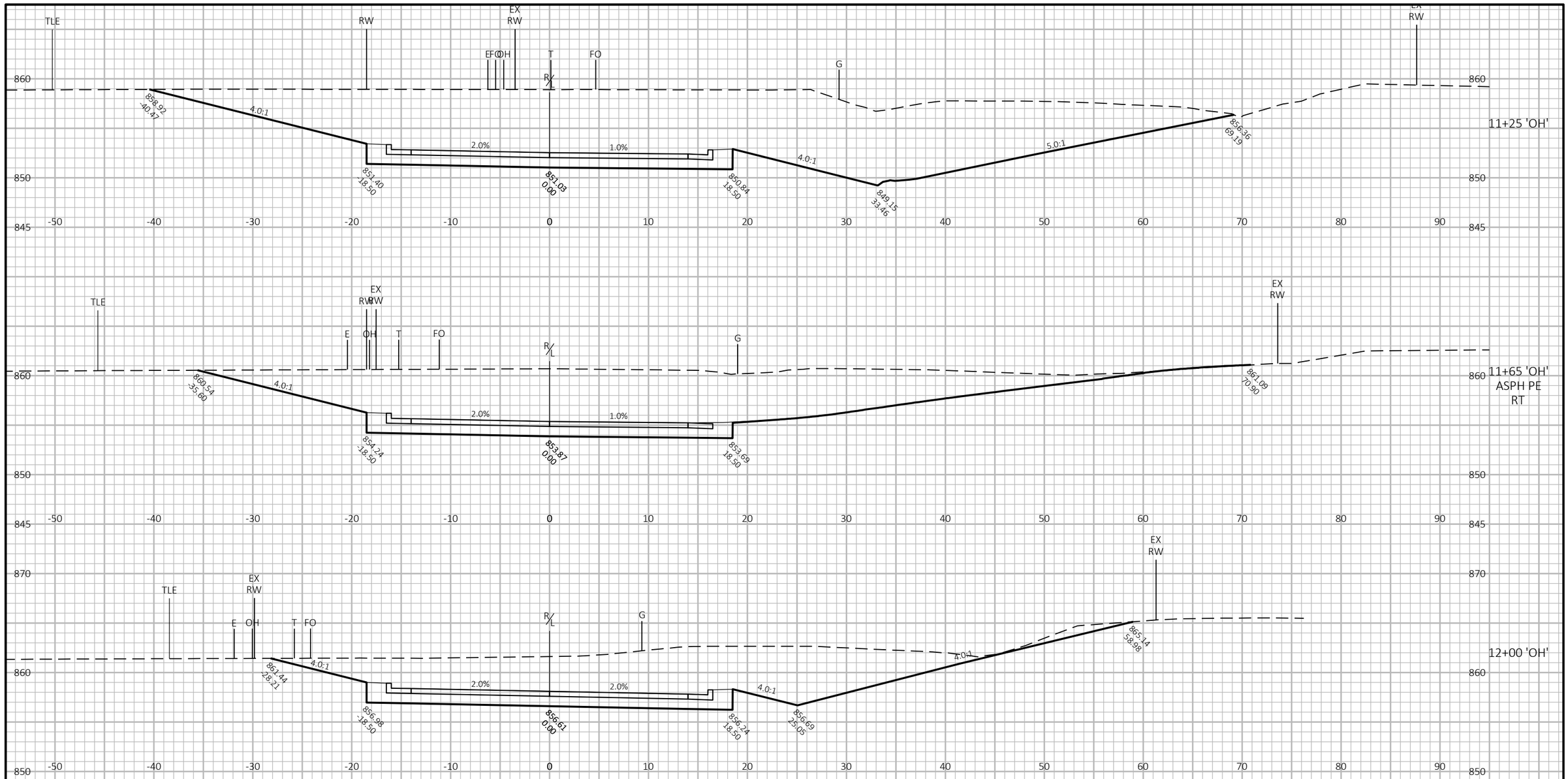
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: OAK HILL ROAD ('OH')	SHEET 500	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090211_XS_OAKHILLRD-LIVESECTIONS.DWG
LAYOUT NAME - 090202-13700076-OakHillRd

PLOT DATE : 8/30/2024 5:13 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

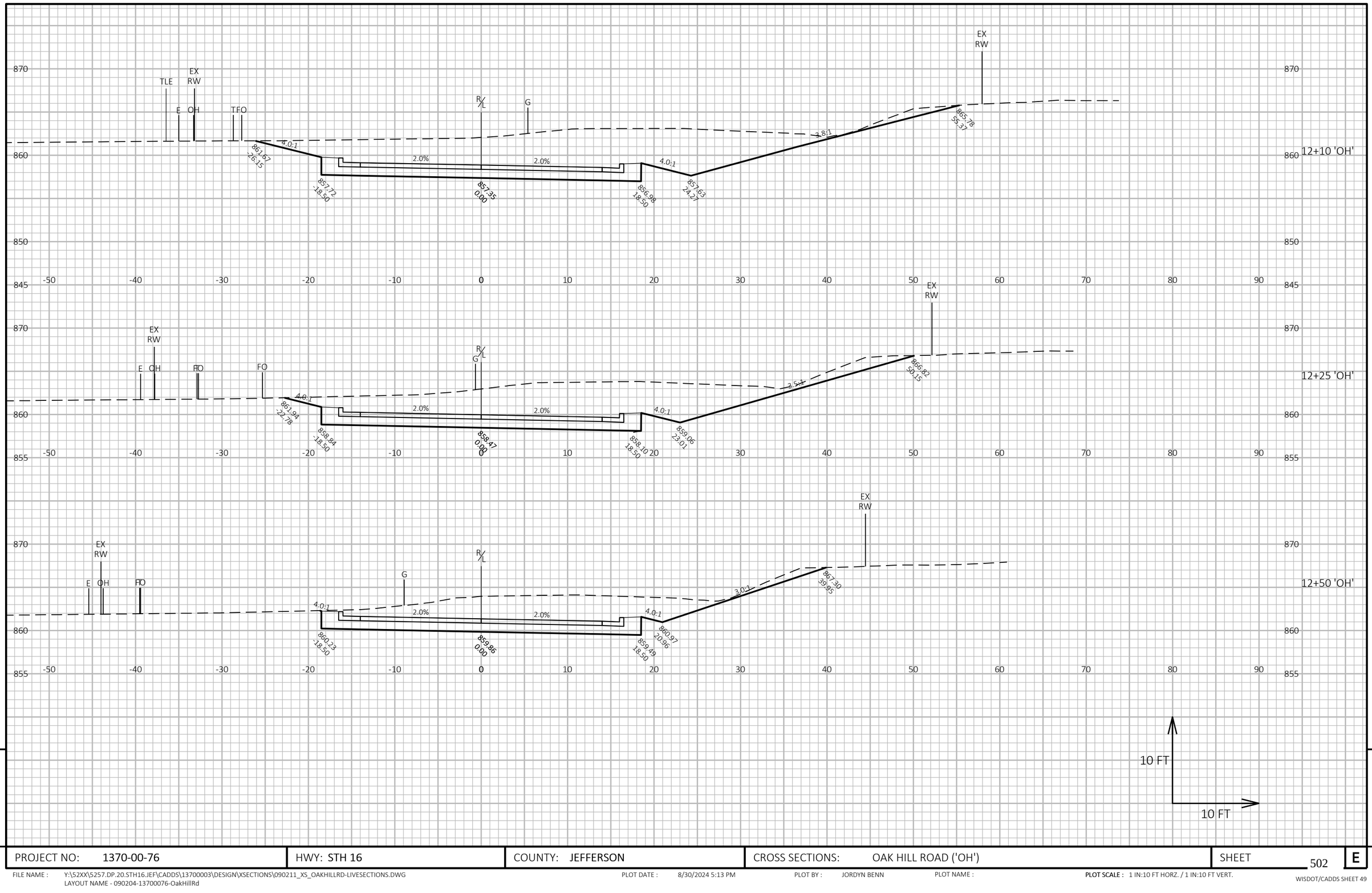


PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: OAK HILL ROAD ('OH')	SHEET 501	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090211_XS_OAKHILLRD-LIVESECTIONS.DWG
LAYOUT NAME - 090203-13700076-OakHillRd

PLOT DATE : 8/30/2024 5:13 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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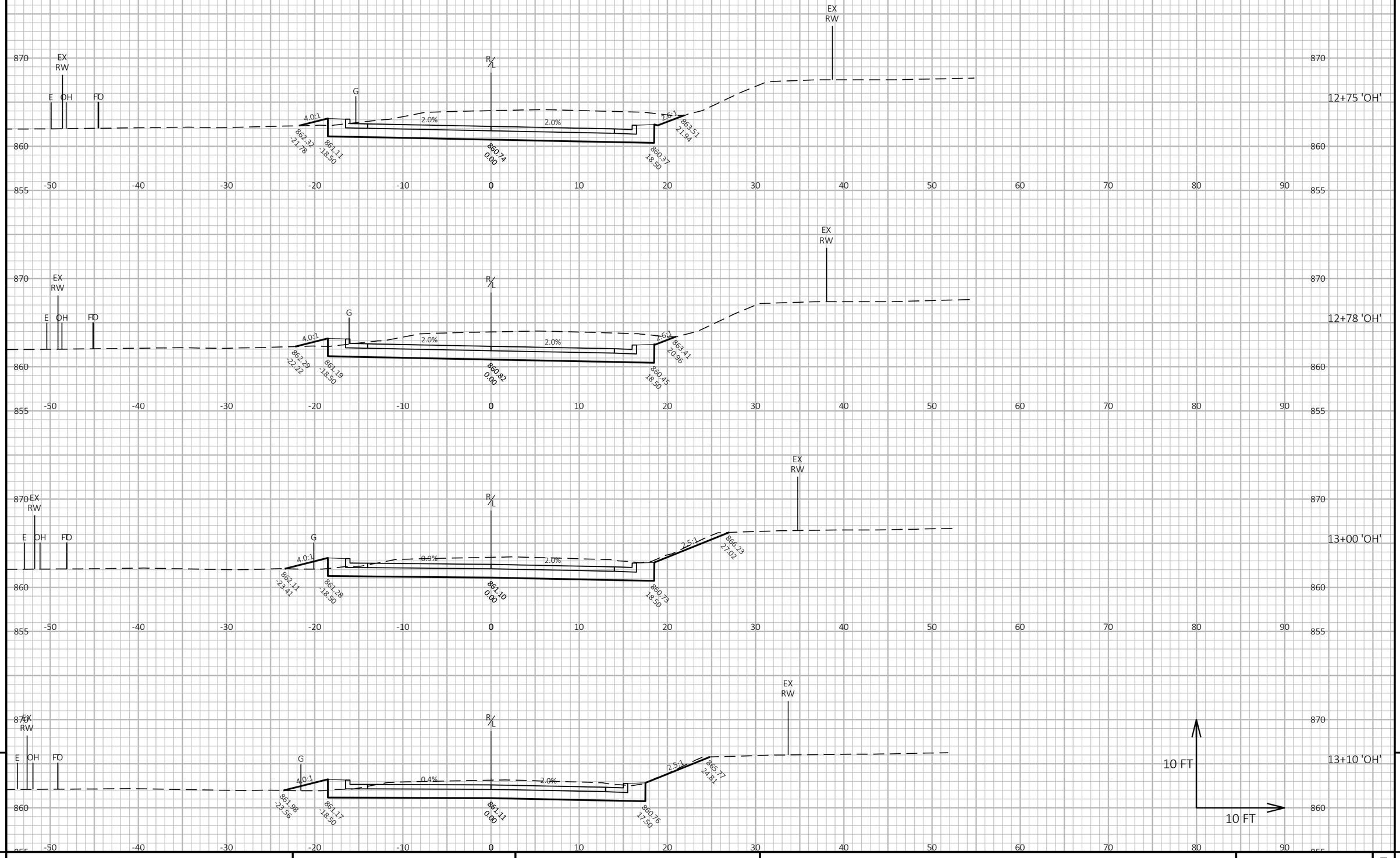
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: OAK HILL ROAD ('OH')	SHEET 502	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090211_XS_OAKHILLRD-LIVESECTIONS.DWG
LAYOUT NAME - 090204-13700076-OakHillRd

PLOT DATE : 8/30/2024 5:13 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: OAK HILL ROAD ('OH')	SHEET 503	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090211_XS_OAKHILLRD-LIVESECTIONS.DWG
LAYOUT NAME - 090205-13700076-OakHillRd

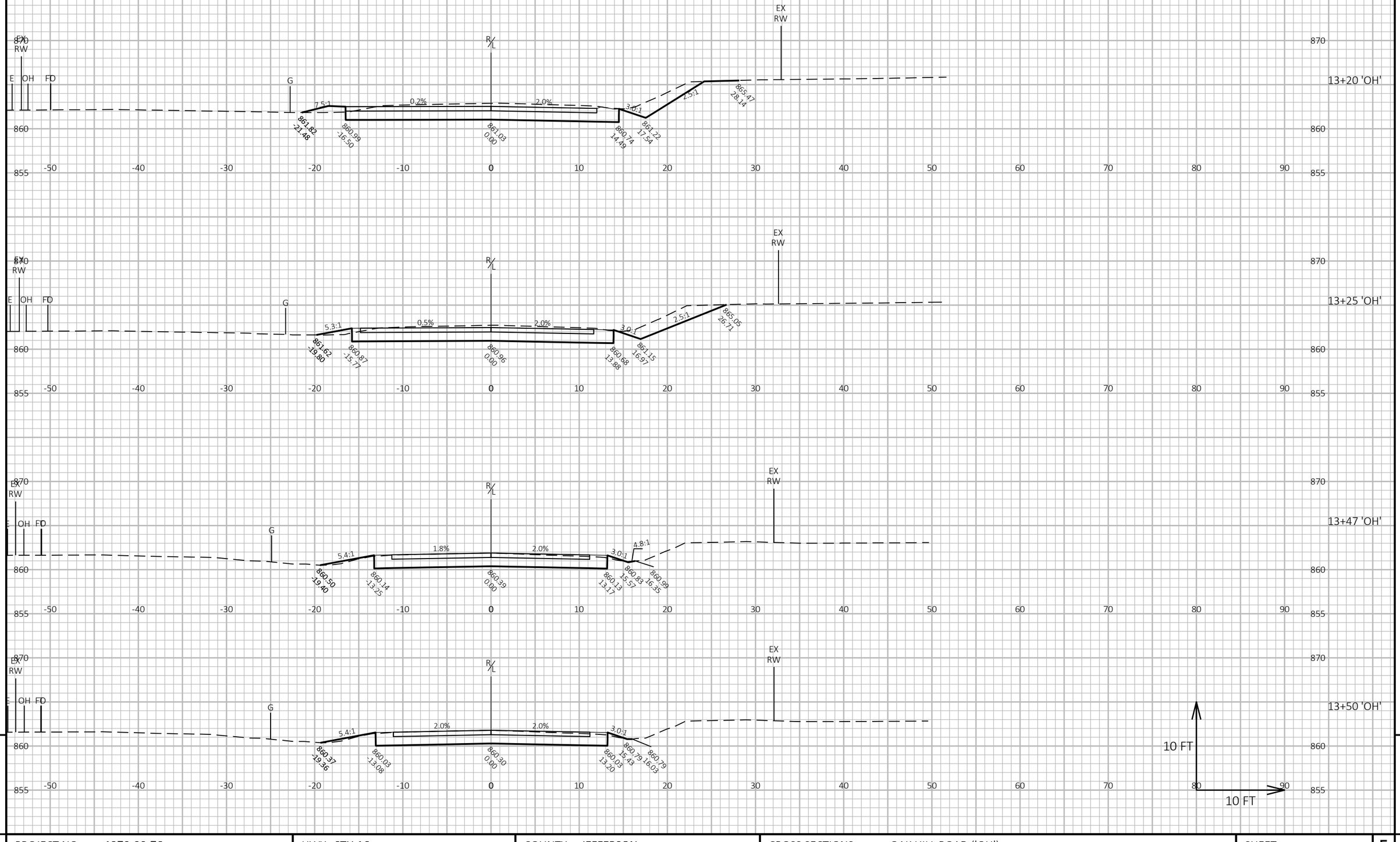
PLOT DATE : 8/30/2024 5:13 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

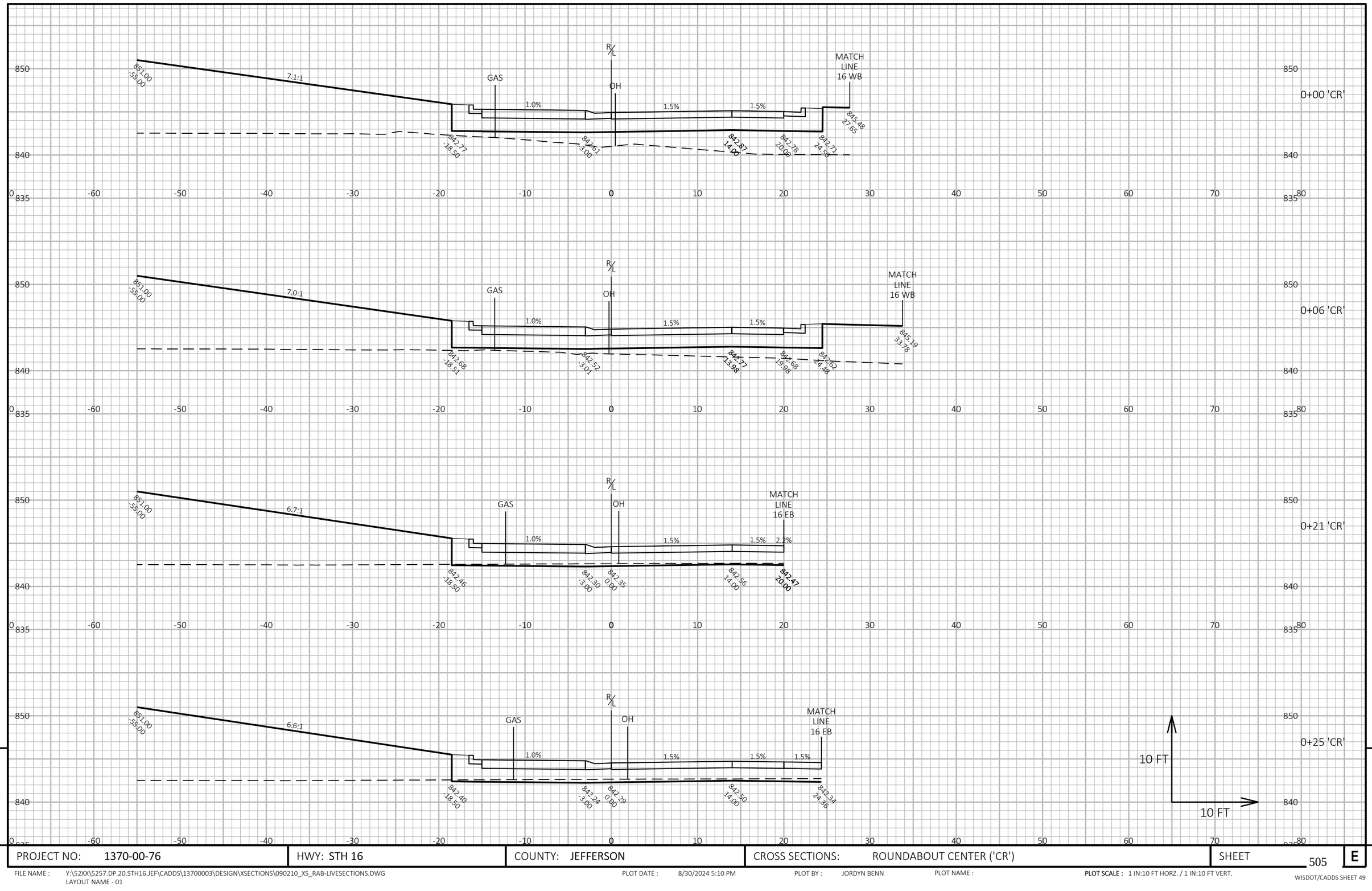
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: OAK HILL ROAD ('OH')	SHEET 504	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090211_XS_OAKHILLRD-LIVESECTIONS.DWG
LAYOUT NAME - 090206-13700076-OakHillRd

PLOT DATE : 8/30/2024 5:13 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: ROUNDABOUT CENTER ('CR')	SHEET 505	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090210_XS_RAB-LIVESECTIONS.DWG
LAYOUT NAME - 01

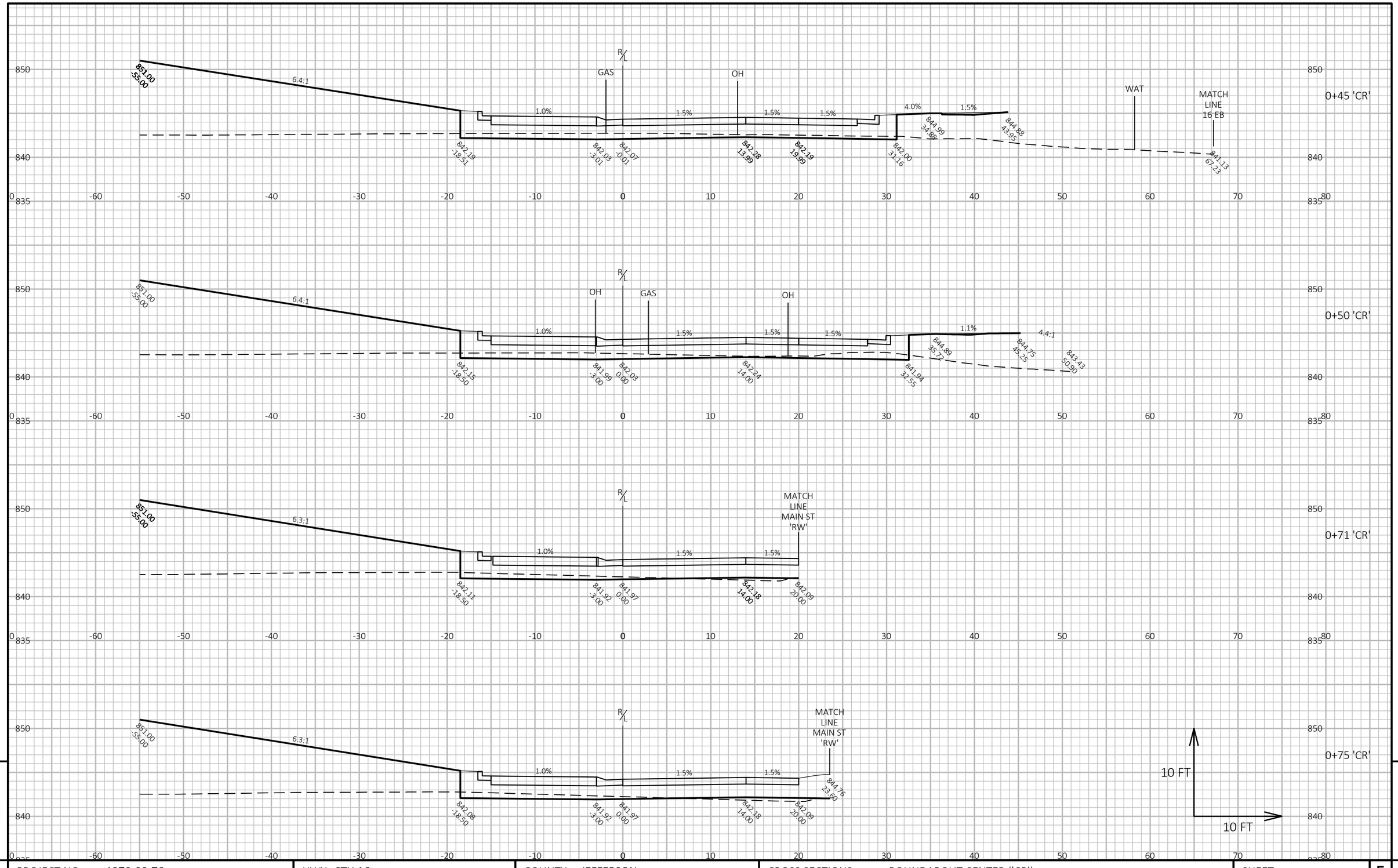
PLOT DATE : 8/30/2024 5:10 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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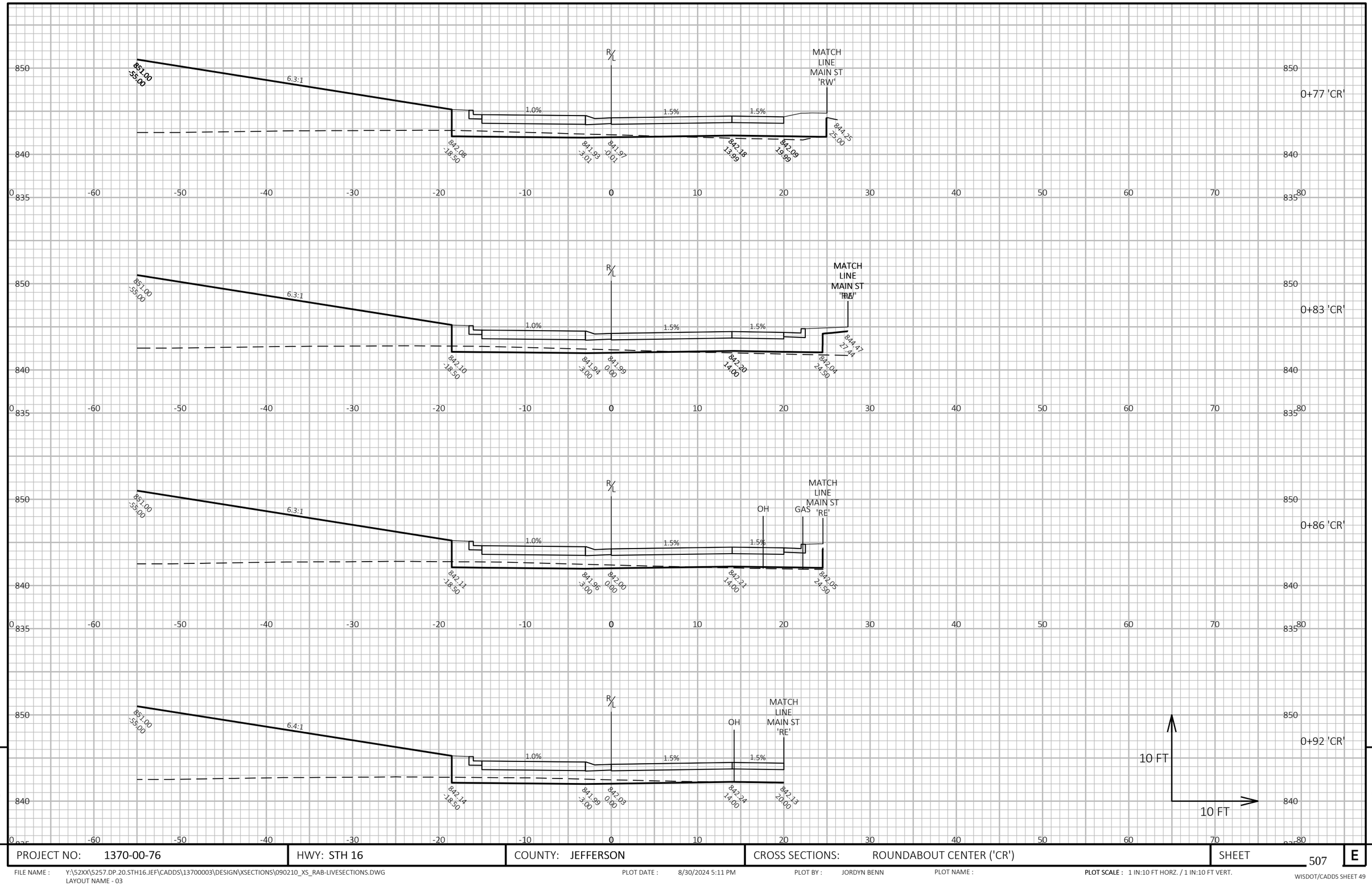
9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: ROUNDABOUT CENTER ('CR')	SHEET 506	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090210_XS_RAB-LIVESECTIONS.DWG
LAYOUT NAME - 02

PLOT DATE : 8/30/2024 5:11 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: ROUNDABOUT CENTER ('CR')	SHEET 507	E

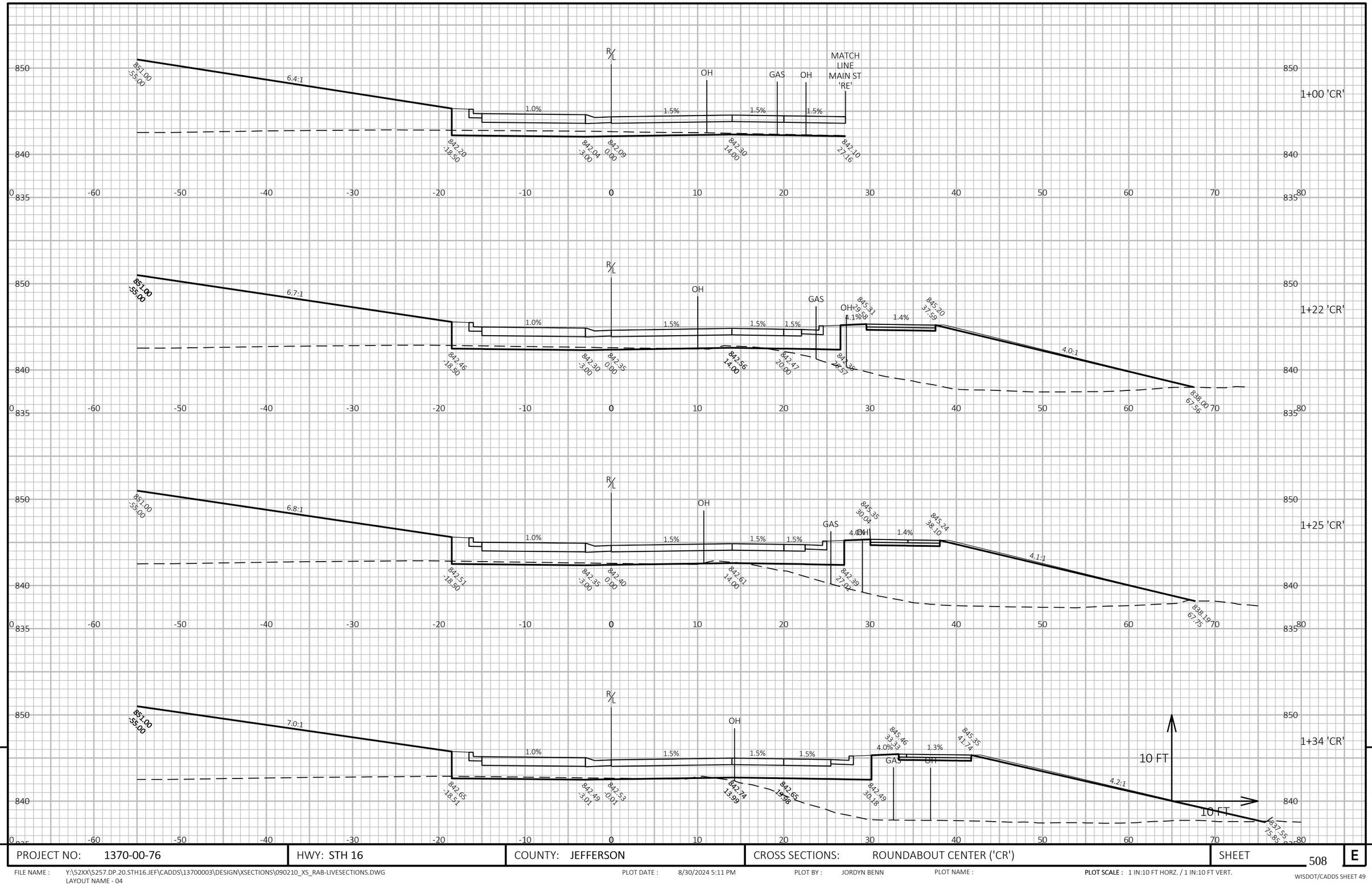
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090210_XS_RAB-LIVESECTIONS.DWG
LAYOUT NAME - 03

PLOT DATE : 8/30/2024 5:11 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: ROUNDABOUT CENTER ('CR')	SHEET 508	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090210_XS_RAB-LIVESECTIONS.DWG
LAYOUT NAME - 04

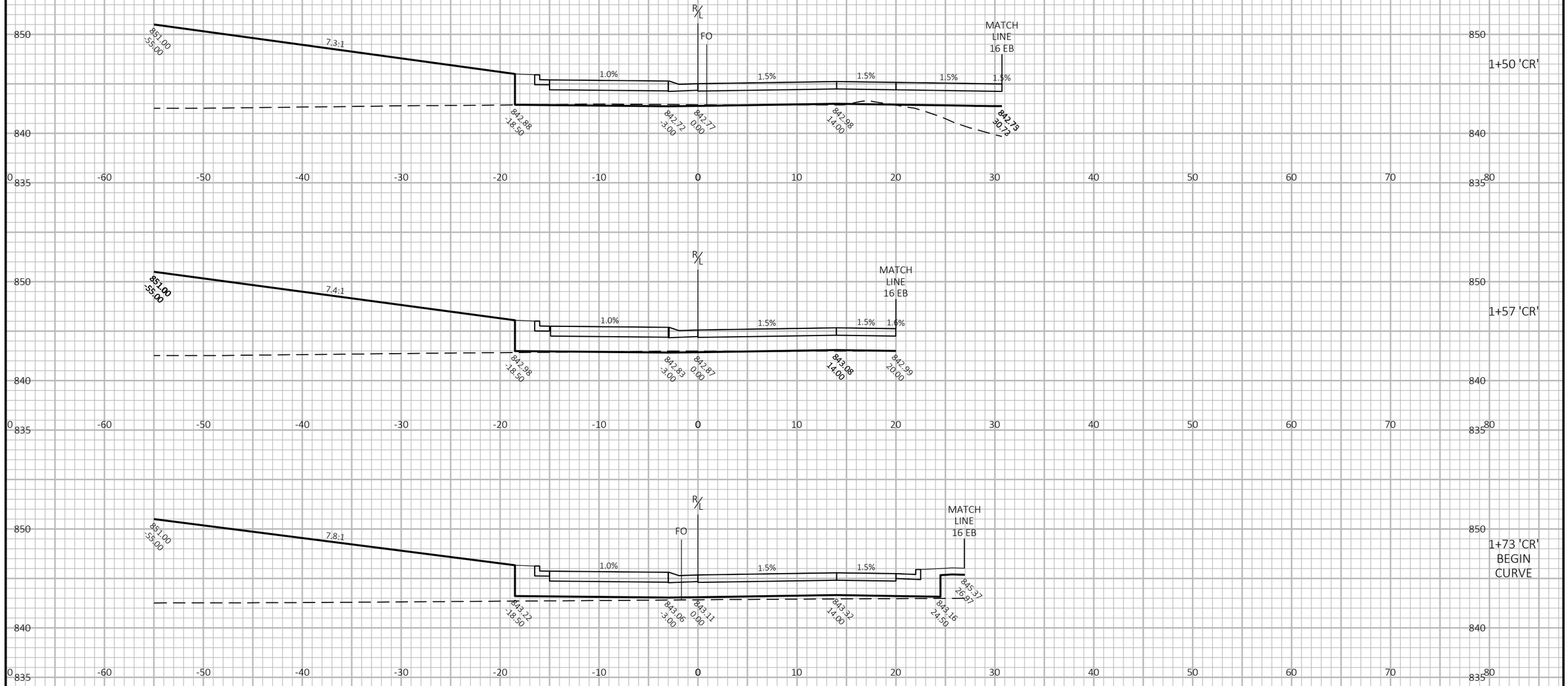
PLOT DATE : 8/30/2024 5:11 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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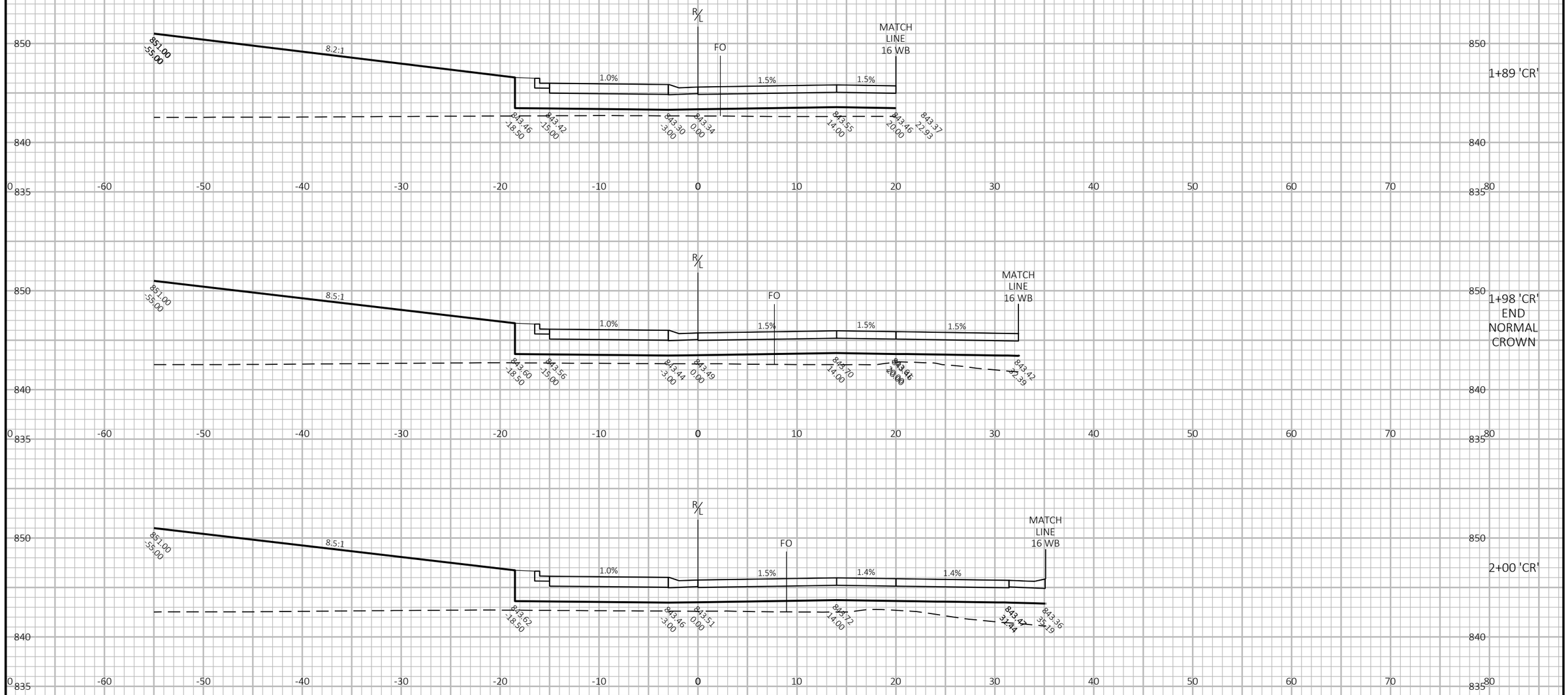
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: ROUNDABOUT CENTER ('CR')	SHEET 509	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090210_XS_RAB-LIVESECTIONS.DWG
LAYOUT NAME - 05

PLOT DATE : 8/30/2024 5:11 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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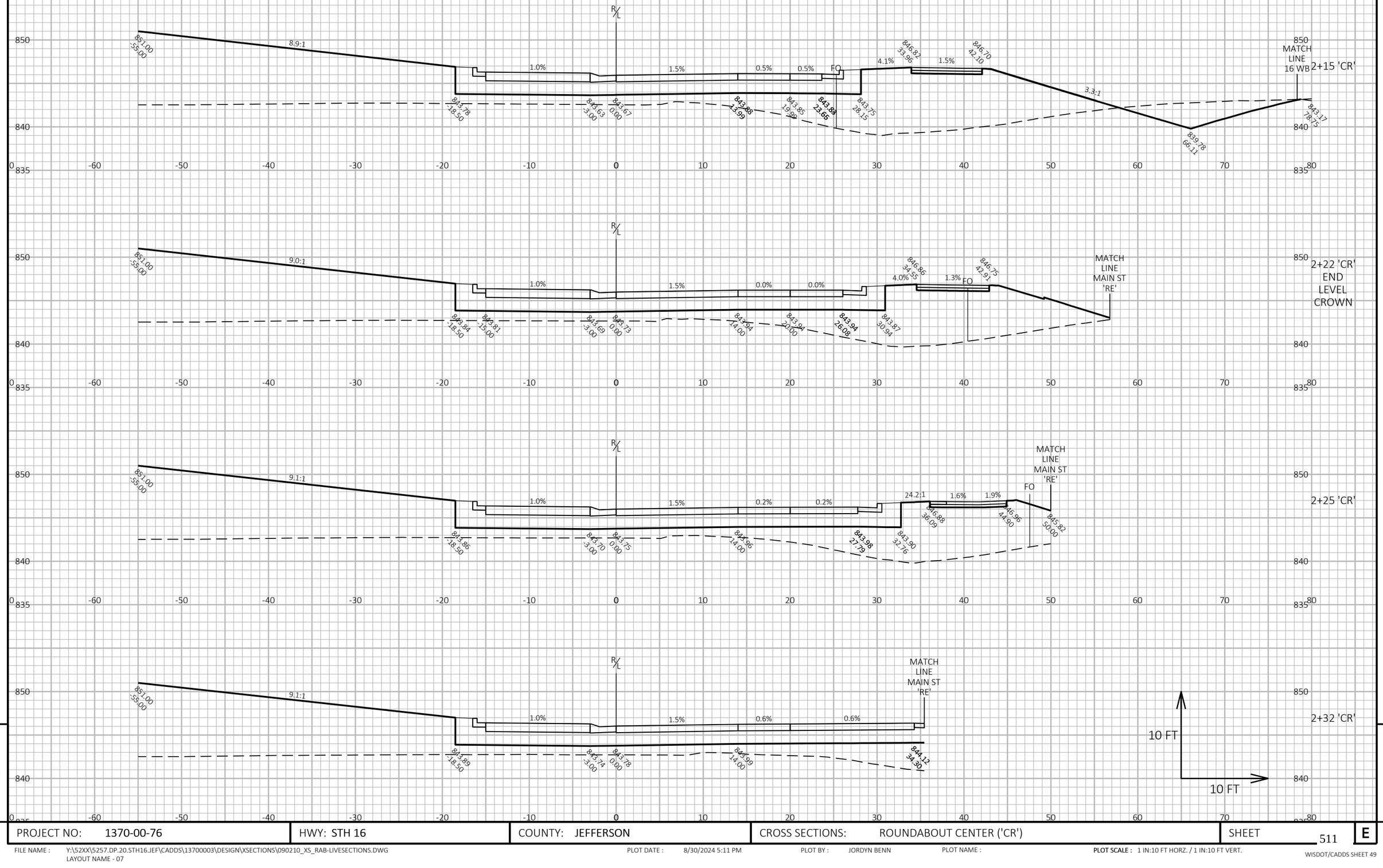
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: ROUNDABOUT CENTER ('CR')	SHEET 510	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090210_XS_RAB-LIVESECTIONS.DWG
LAYOUT NAME - 06

PLOT DATE : 8/30/2024 5:11 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

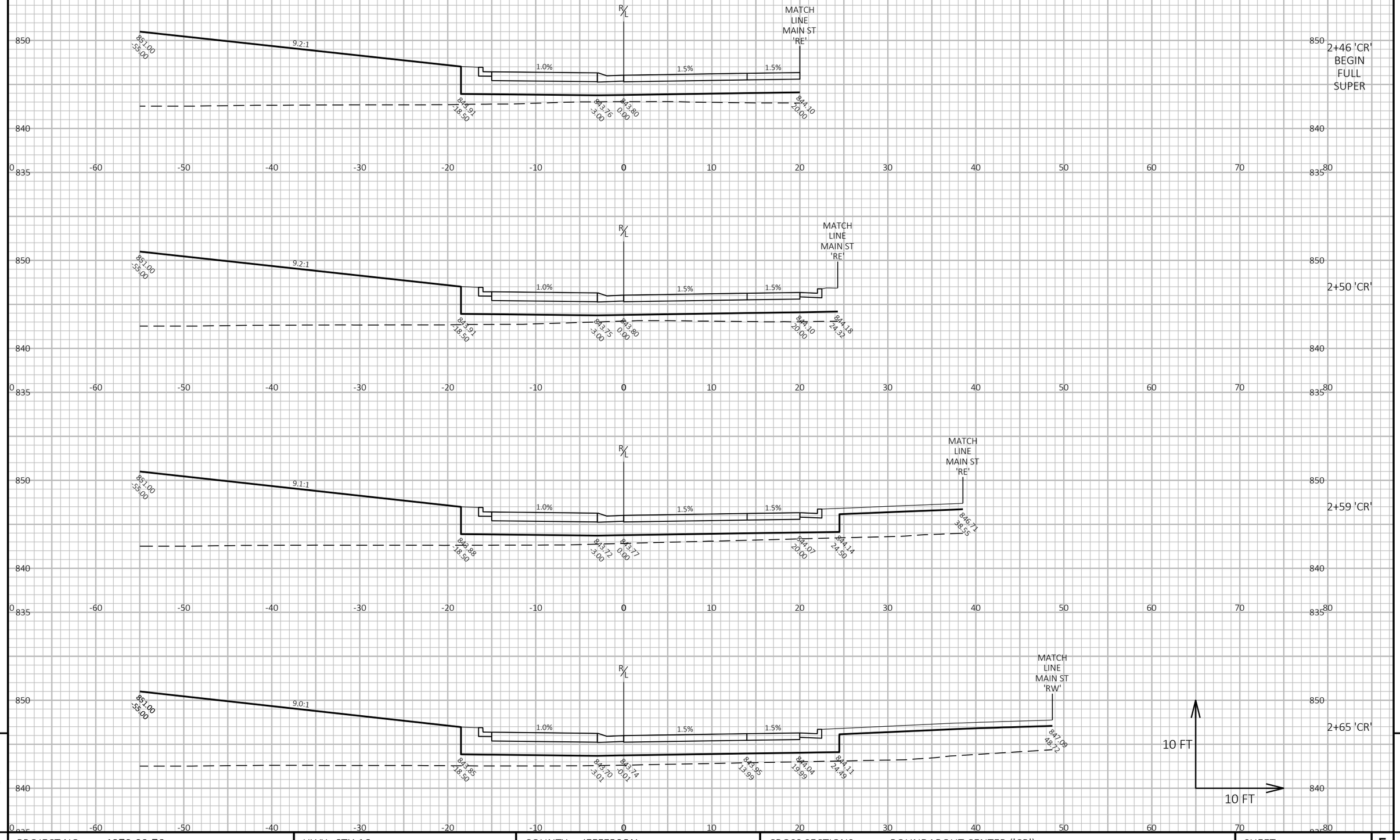


PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: ROUNDABOUT CENTER ('CR')	SHEET 511 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090210_XS_RAB-LIVESECTIONS.DWG
LAYOUT NAME - 07

PLOT DATE : 8/30/2024 5:11 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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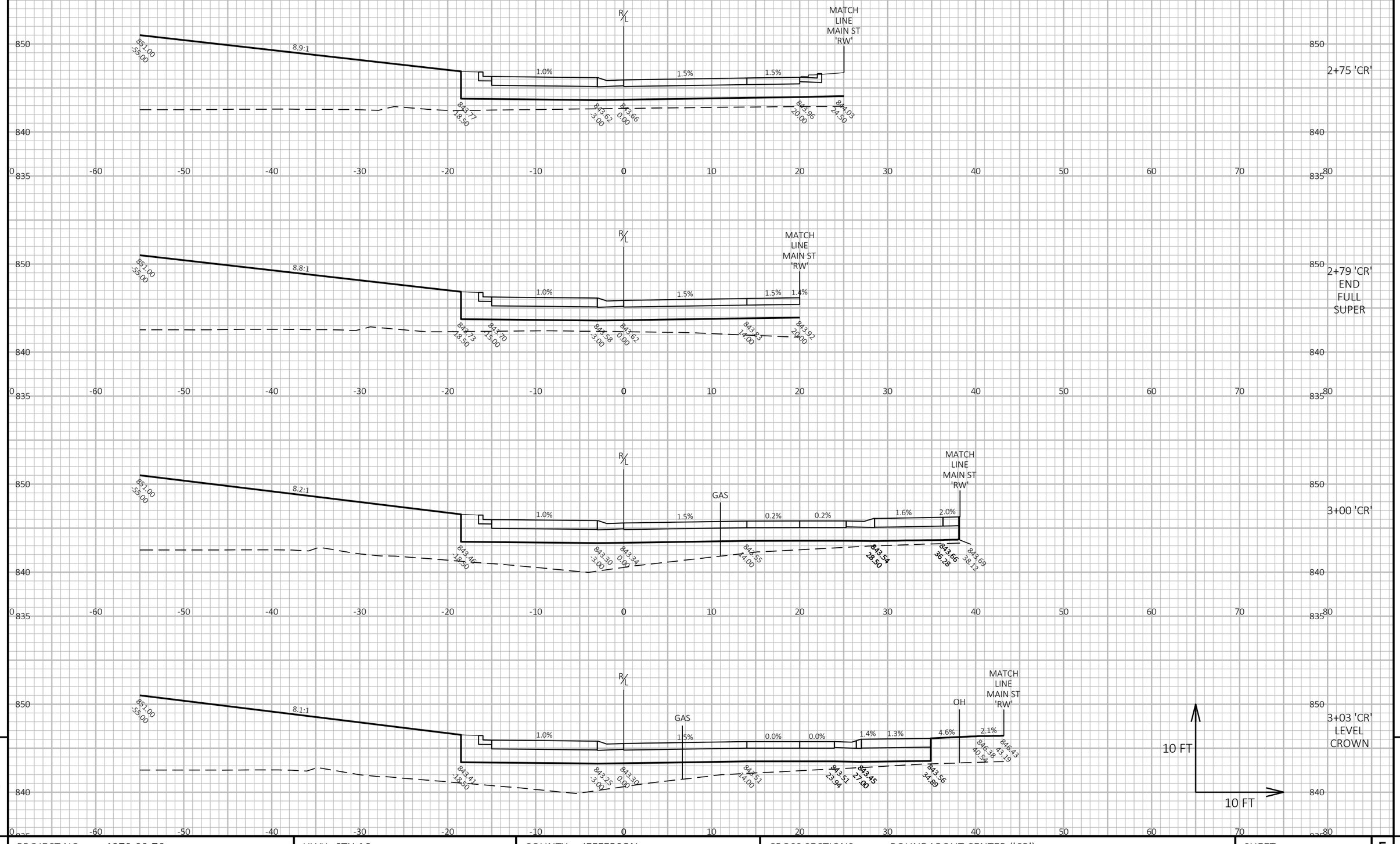
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: ROUNDABOUT CENTER ('CR')	SHEET 512	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090210_XS_RAB-LIVESECTIONS.DWG
LAYOUT NAME - 08

PLOT DATE : 8/30/2024 5:11 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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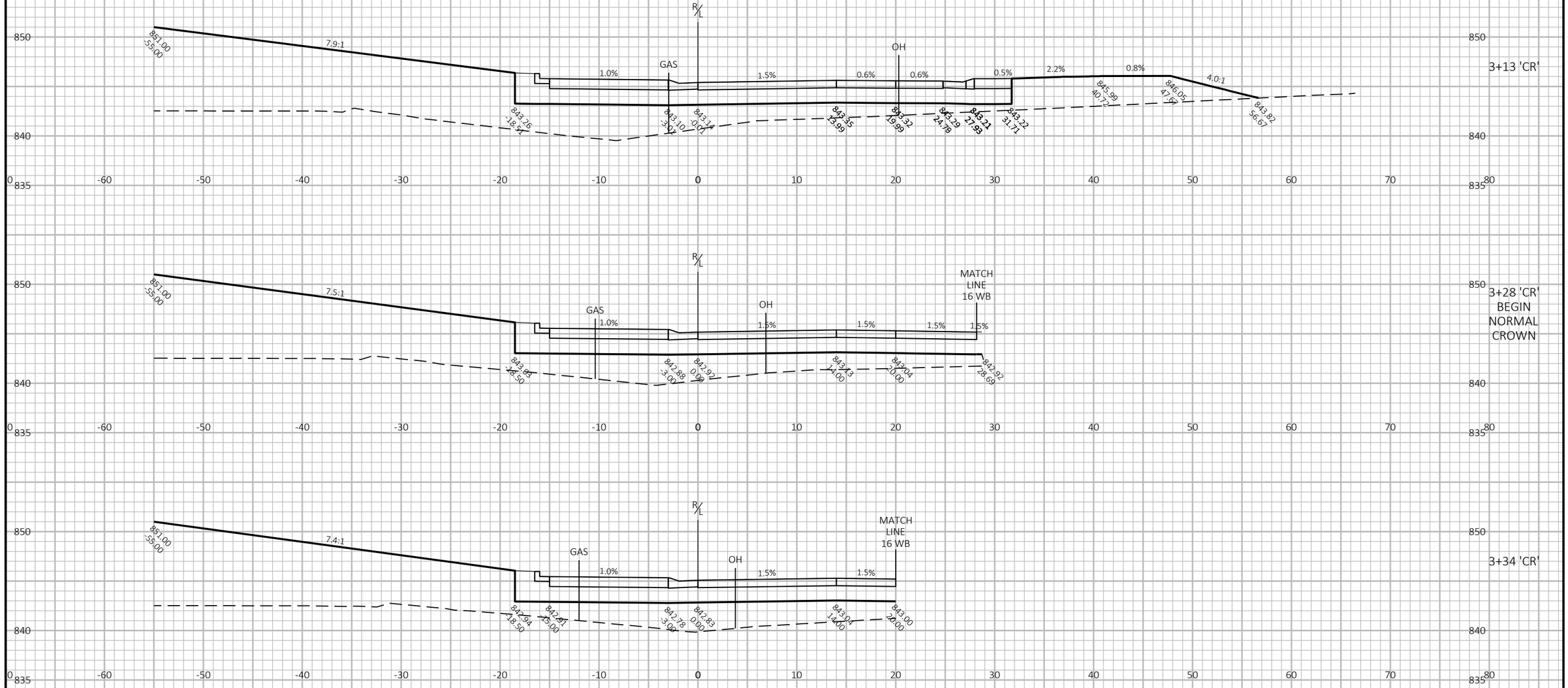
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: ROUNDABOUT CENTER ('CR')	SHEET 513	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090210_XS_RAB-LIVESECTIONS.DWG
LAYOUT NAME - 09

PLOT DATE : 8/30/2024 5:11 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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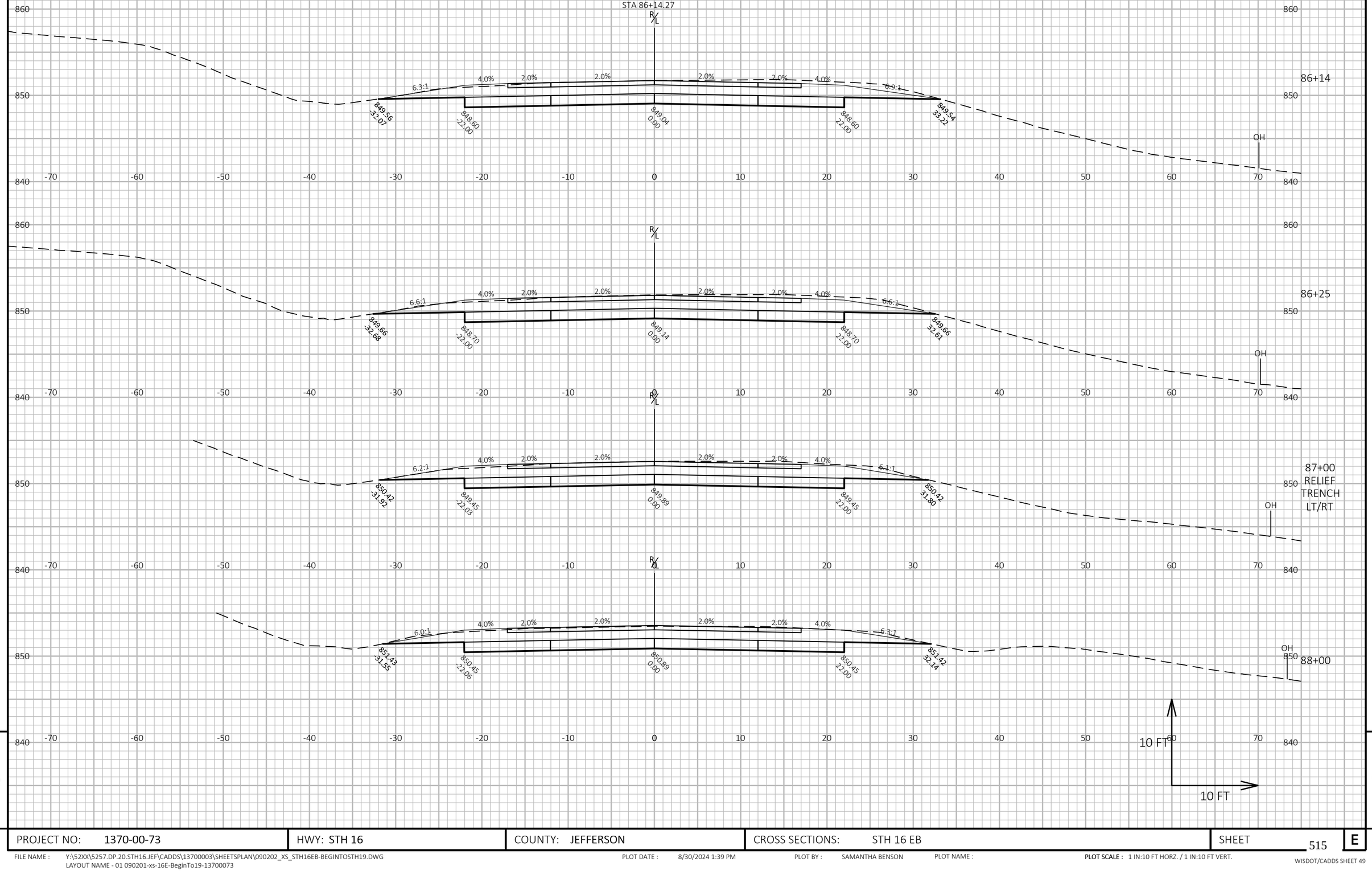
PROJECT NO: 1370-00-76	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: ROUNDABOUT CENTER ('CR')	SHEET 514	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\DESIGN\XSECTIONS\090210_XS_RAB-LIVESECTIONS.DWG
LAYOUT NAME - 10

PLOT DATE : 8/30/2024 5:11 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

BEGIN PROJECT 1370-00-73
STA 86+14.27



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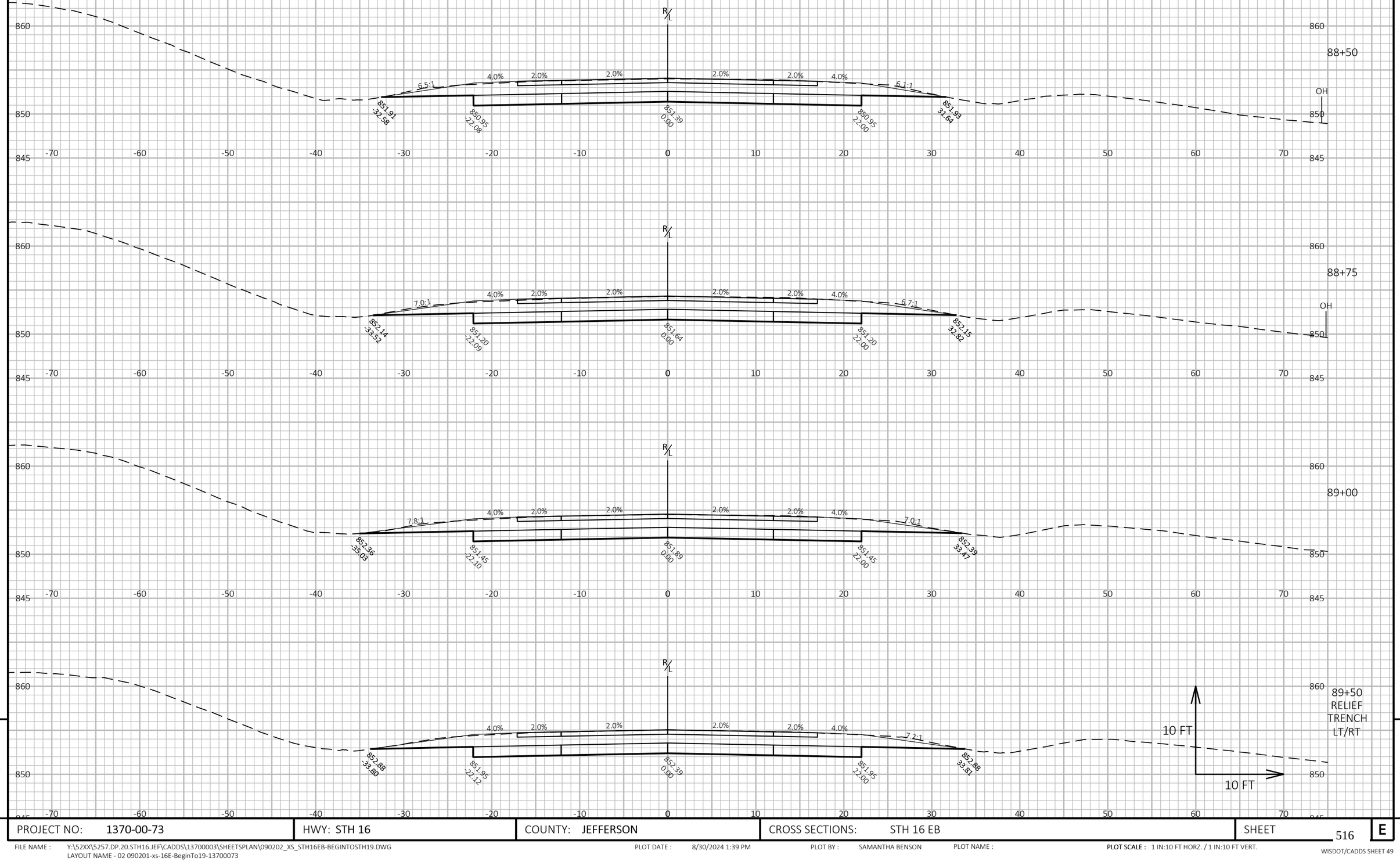
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 515	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090202_XS_STH16EB-BEGINTOSTH19.DWG
LAYOUT NAME - 01 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/30/2024 1:39 PM PLOT BY : SAMANTHA BENSON PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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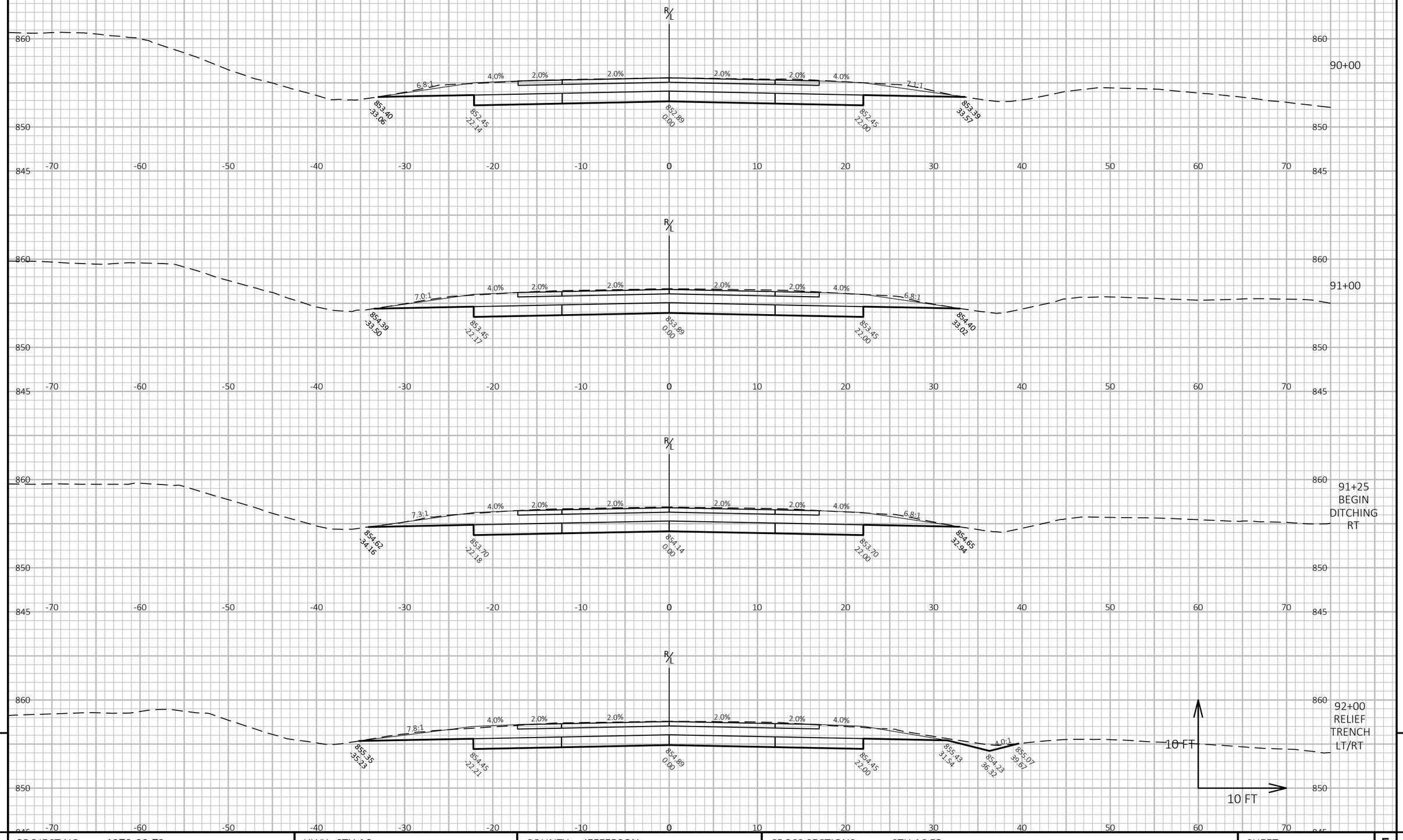
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 516	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090202_XS_STH16EB-BEGINTOSTH19.DWG
LAYOUT NAME - 02 090201-xs-16E-BeginTo19-13700073

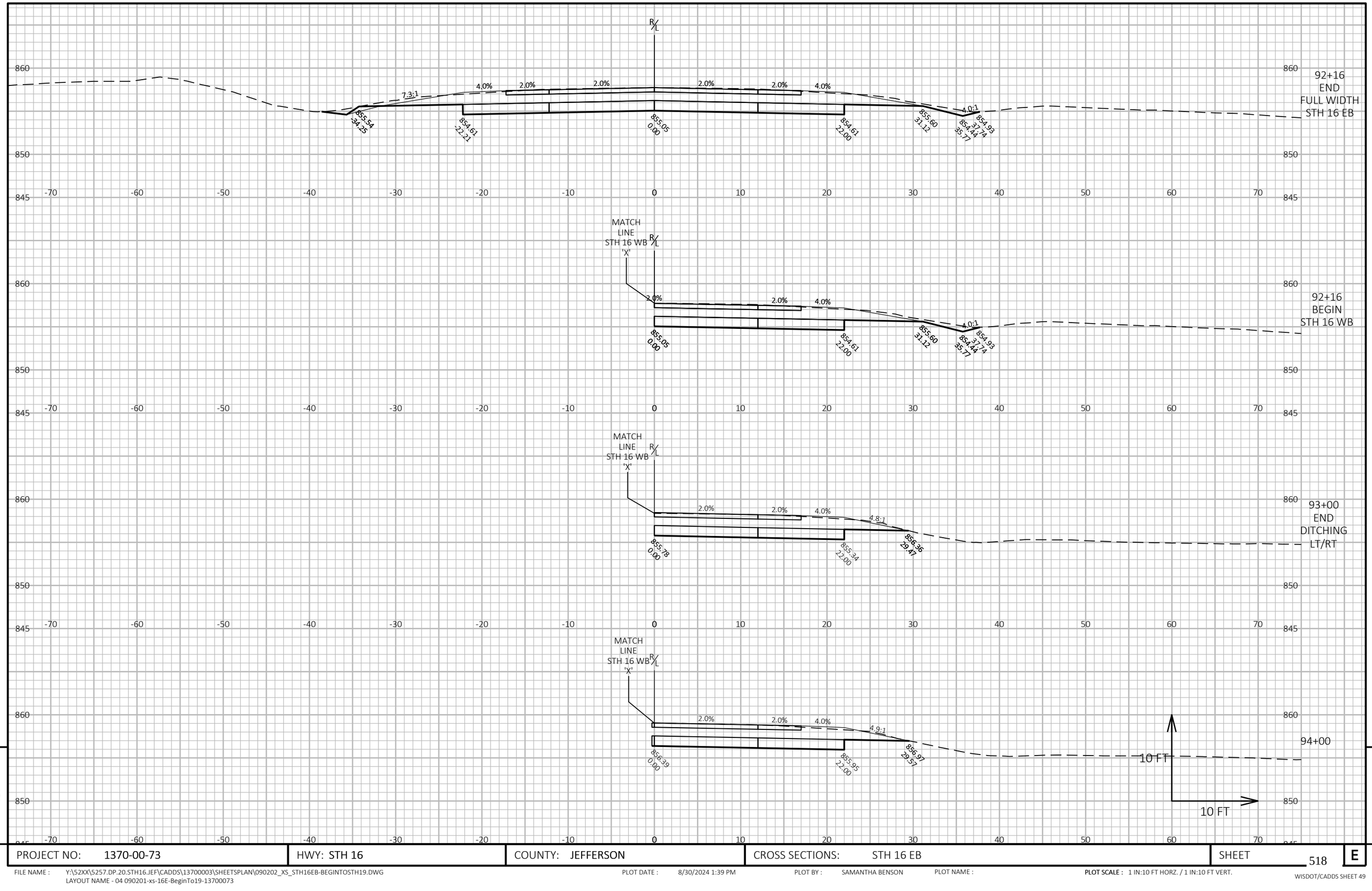
PLOT DATE : 8/30/2024 1:39 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 517 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090202_XS_STH16EB-BEGINTOSTH19.DWG
LAYOUT NAME - 03 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/30/2024 1:39 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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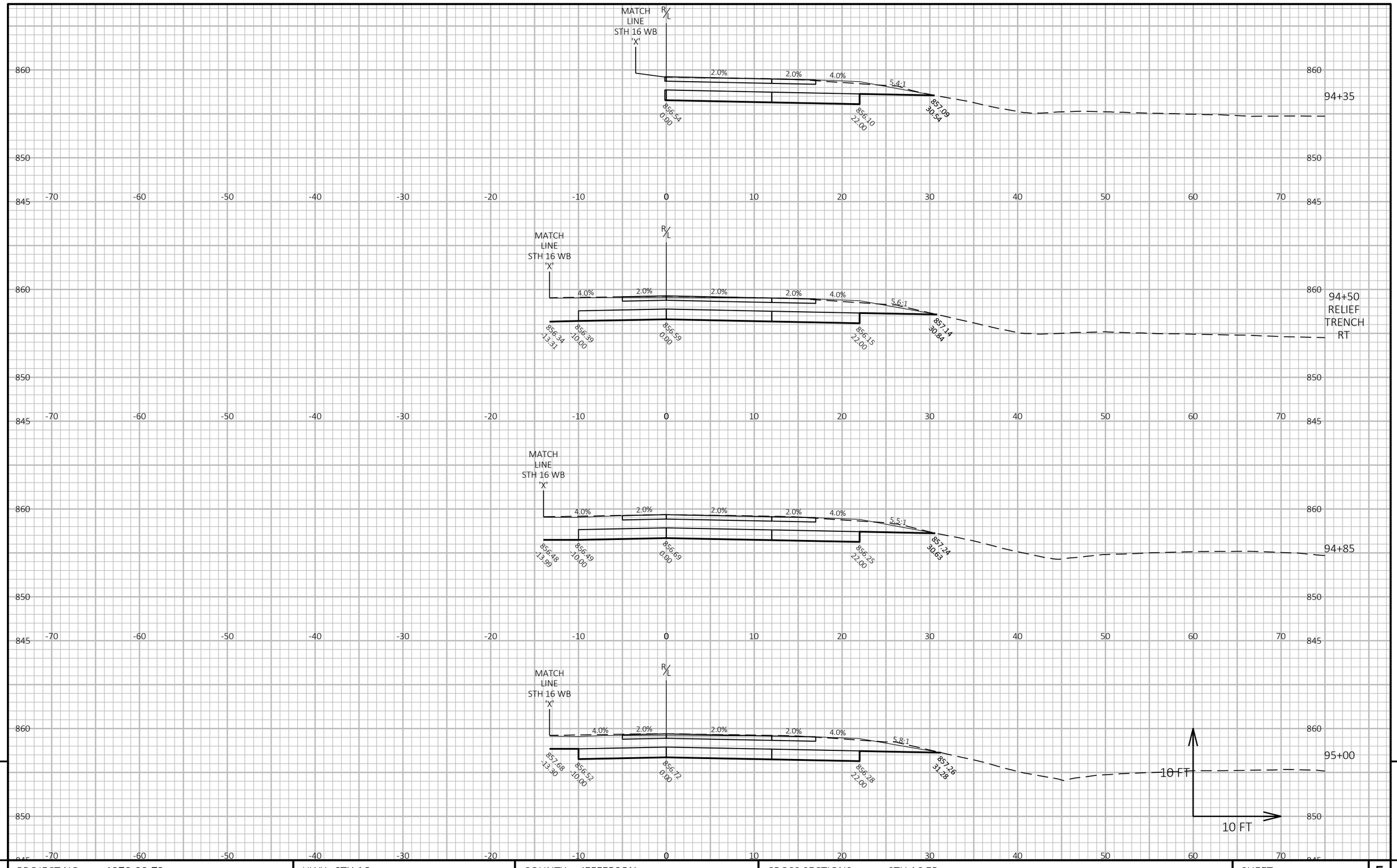
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 518	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090202_XS_STH16EB-BEGINTOSTH19.DWG
LAYOUT NAME - 04 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/30/2024 1:39 PM PLOT BY : SAMANTHA BENSON PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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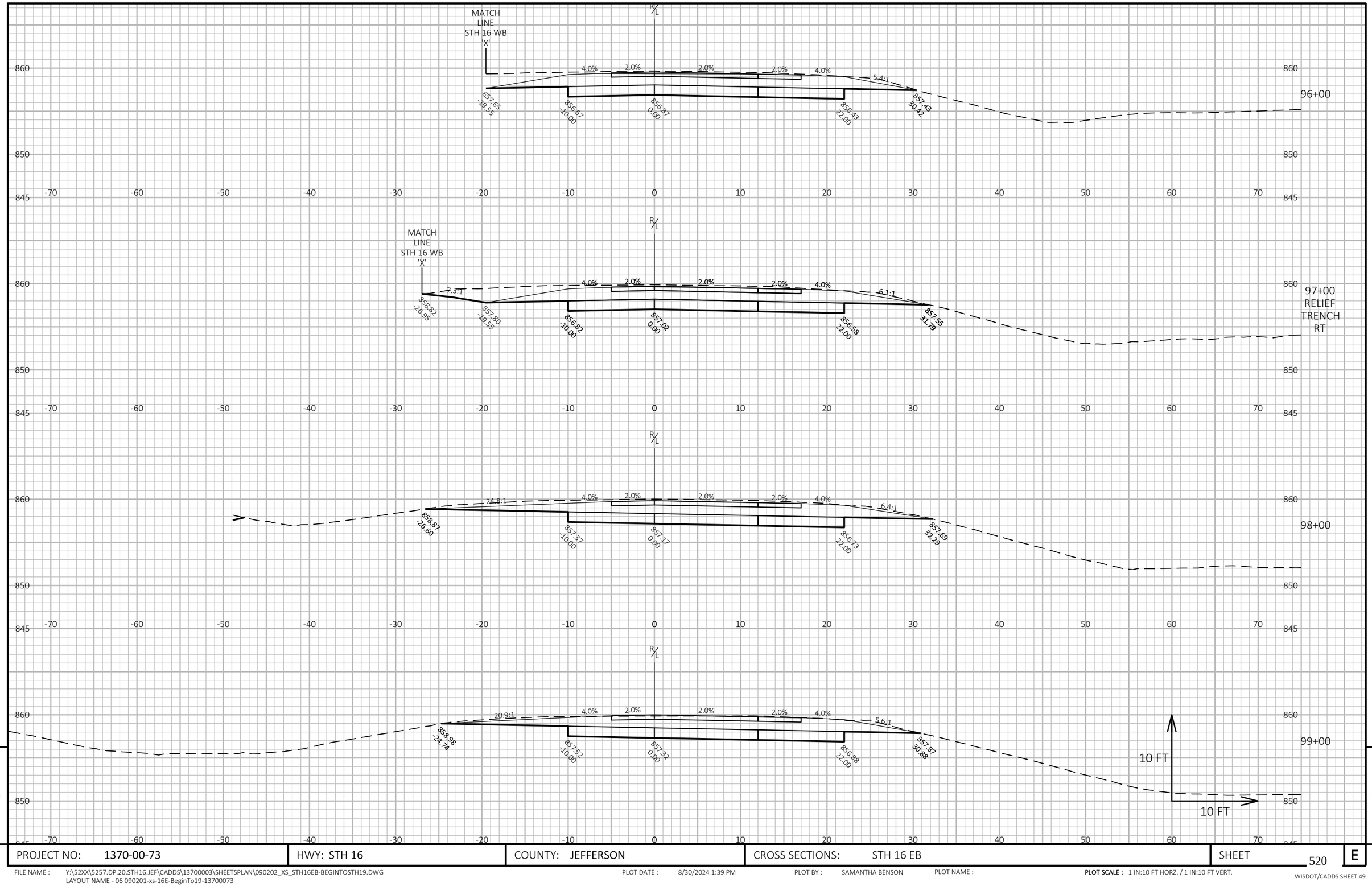
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 519	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090202_XS_STH16EB-BEGINTOSTH19.DWG
LAYOUT NAME - 05 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/30/2024 1:39 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

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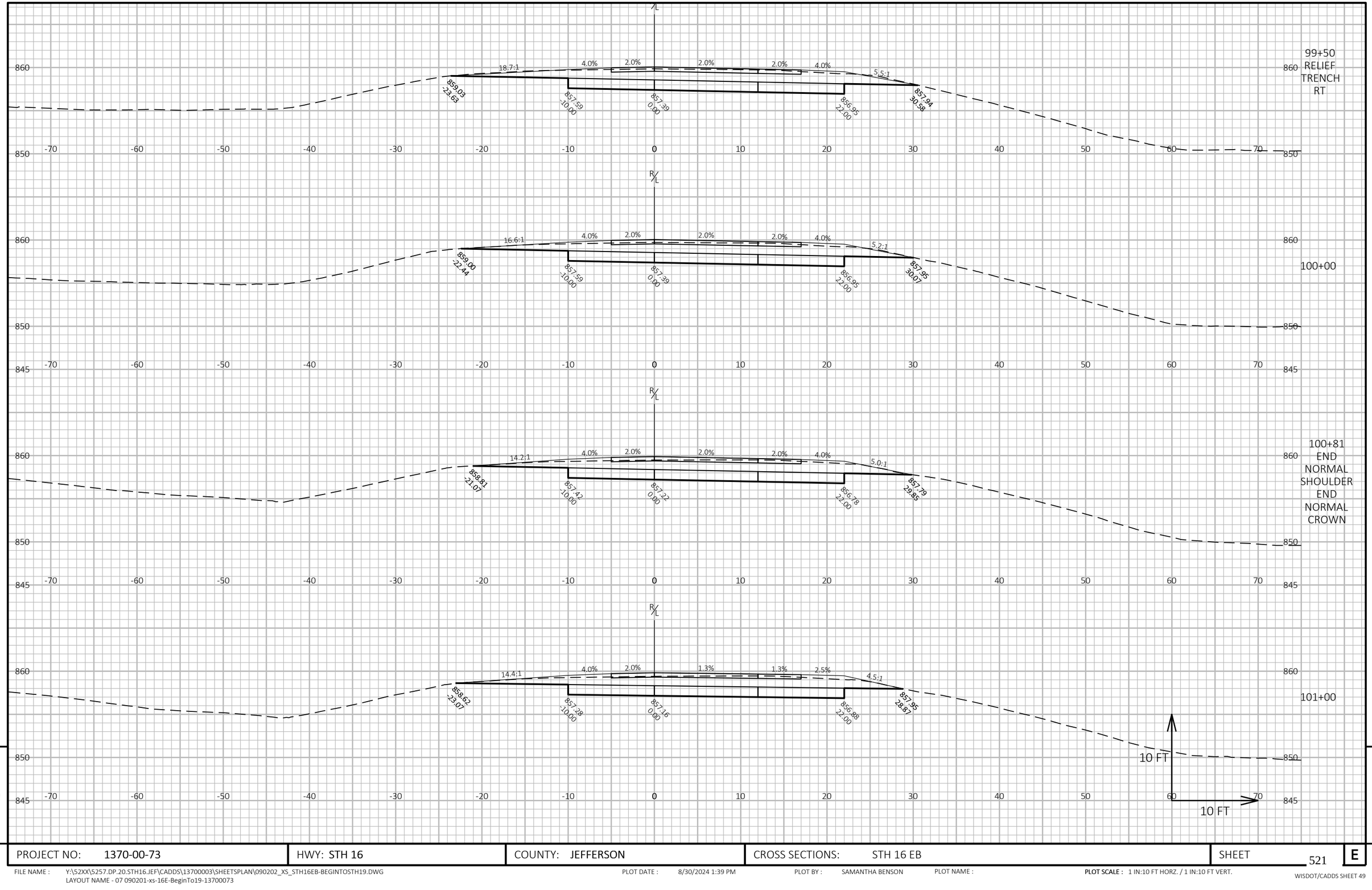
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 520	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090202_XS_STH16EB-BEGINTOSTH19.DWG
LAYOUT NAME - 06 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/30/2024 1:39 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

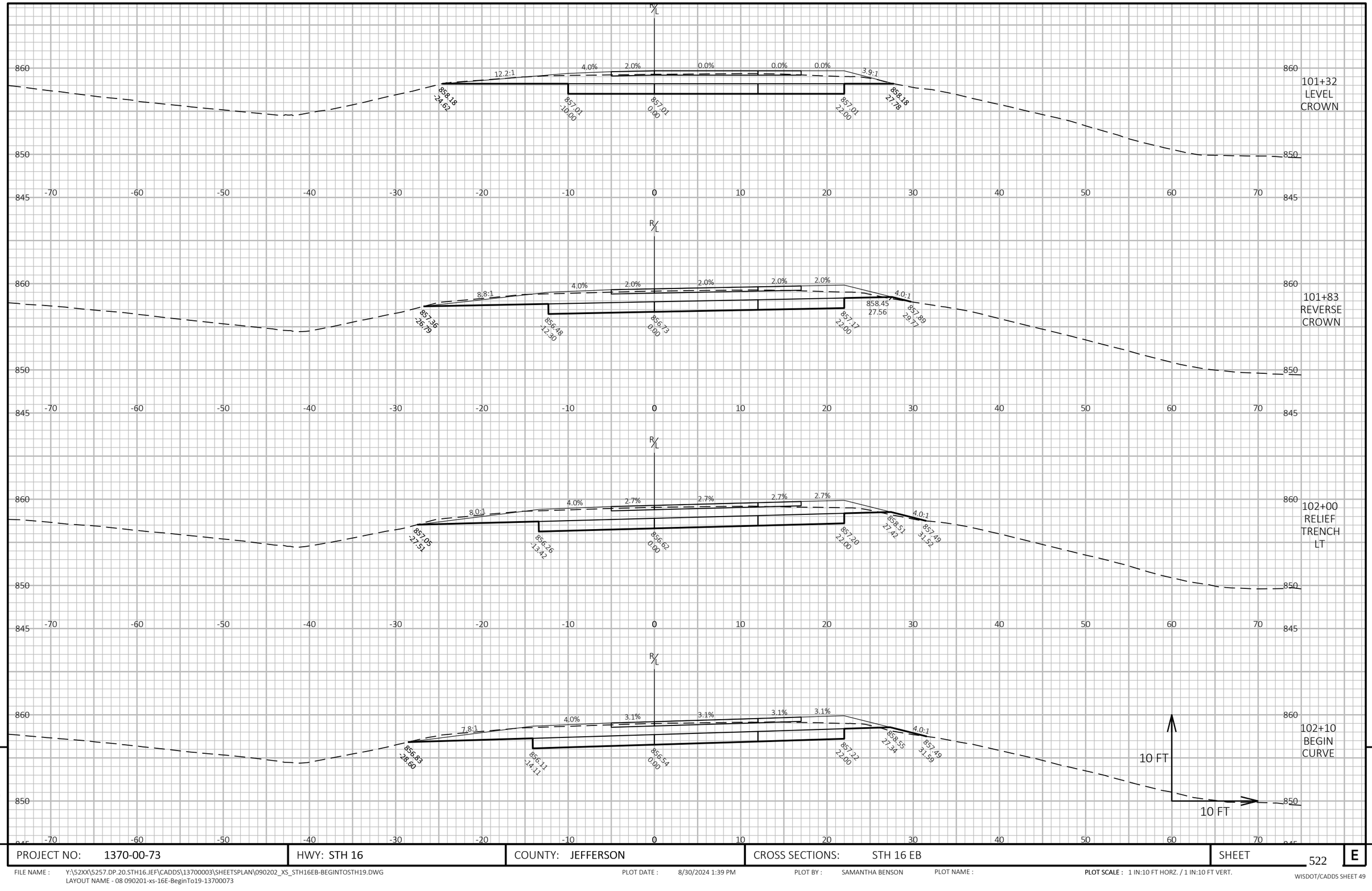


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 521	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090202_XS_STH16EB-BEGINTOSTH19.DWG
LAYOUT NAME - 07 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/30/2024 1:39 PM PLOT BY : SAMANTHA BENSON PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

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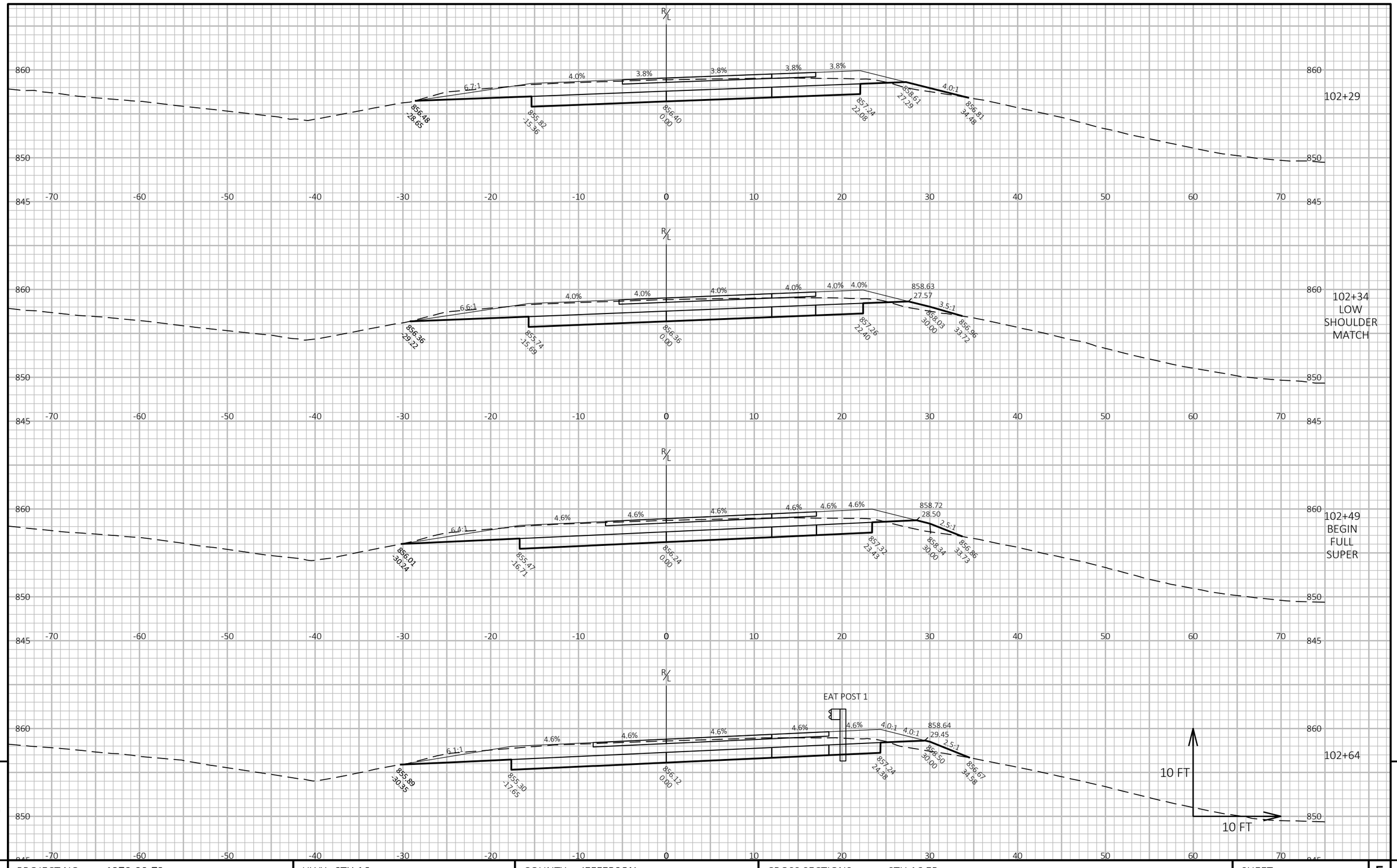
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 522	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090202_XS_STH16EB-BEGINTOSTH19.DWG
LAYOUT NAME - 08 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/30/2024 1:39 PM PLOT BY : SAMANTHA BENSON PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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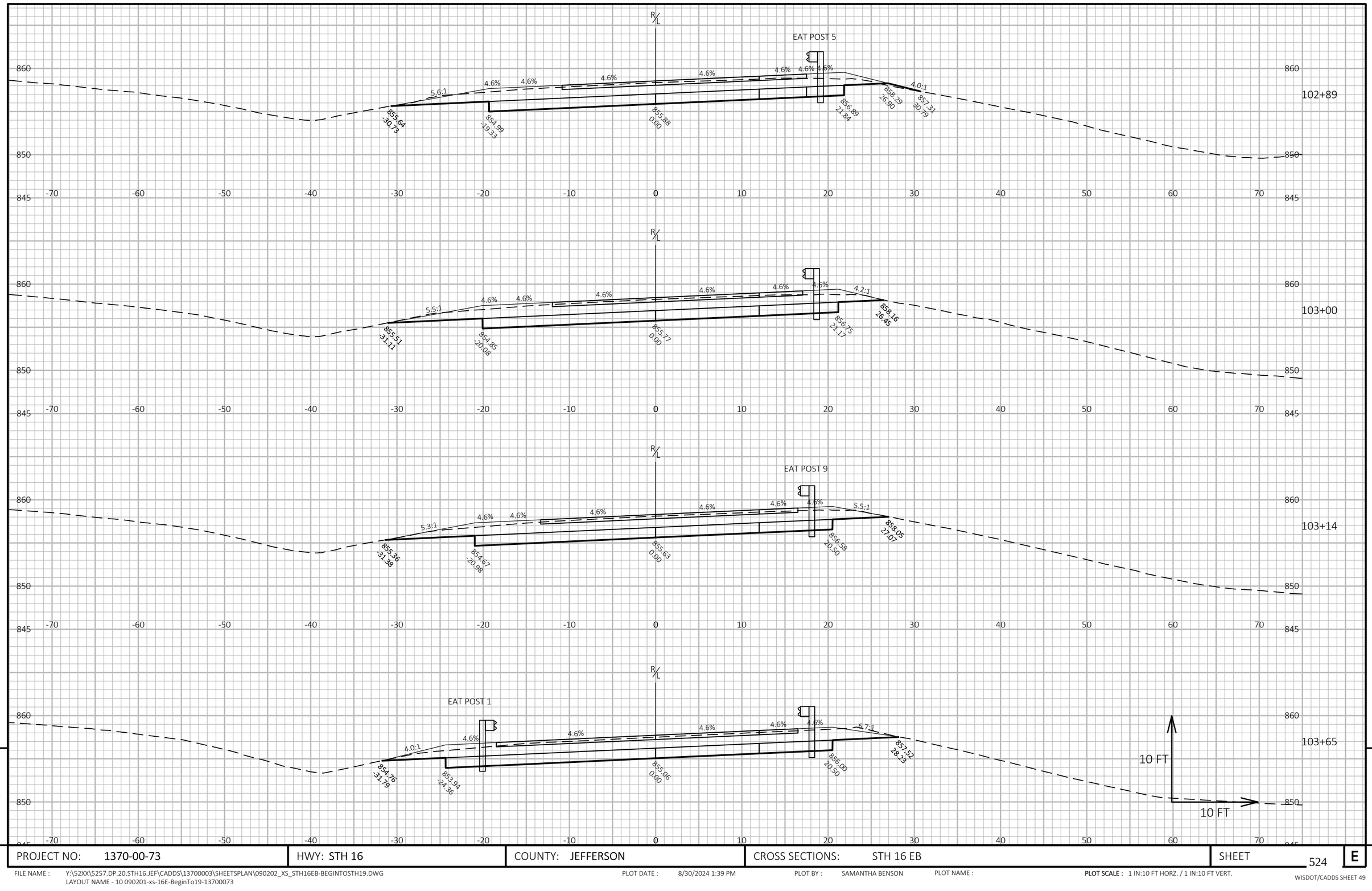
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 523	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090202_XS_STH16EB-BEGINTOSTH19.DWG
LAYOUT NAME - 09 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/30/2024 1:39 PM PLOT BY : SAMANTHA BENSON PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

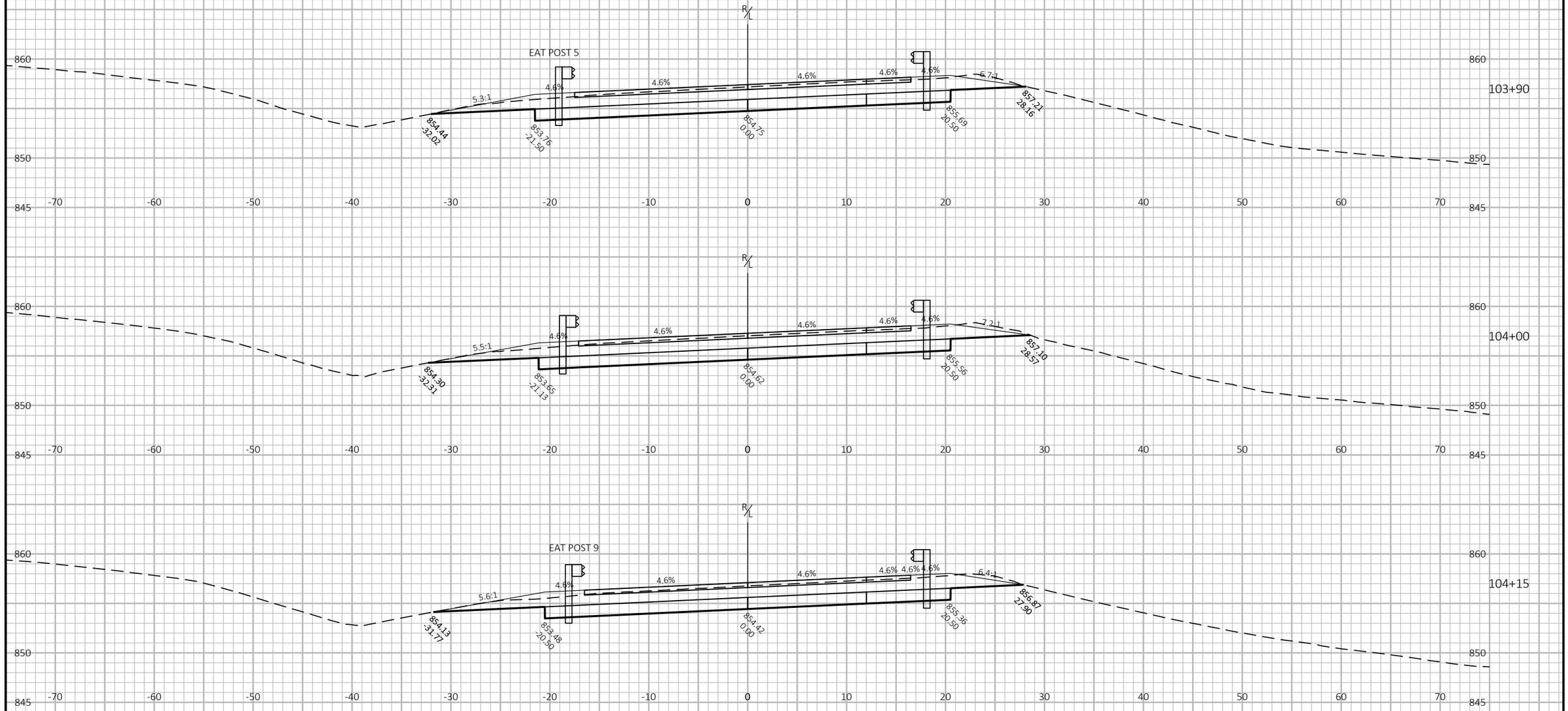


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 524	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090202_XS_STH16EB-BEGINTOSTH19.DWG
LAYOUT NAME - 10 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/30/2024 1:39 PM PLOT BY : SAMANTHA BENSON PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



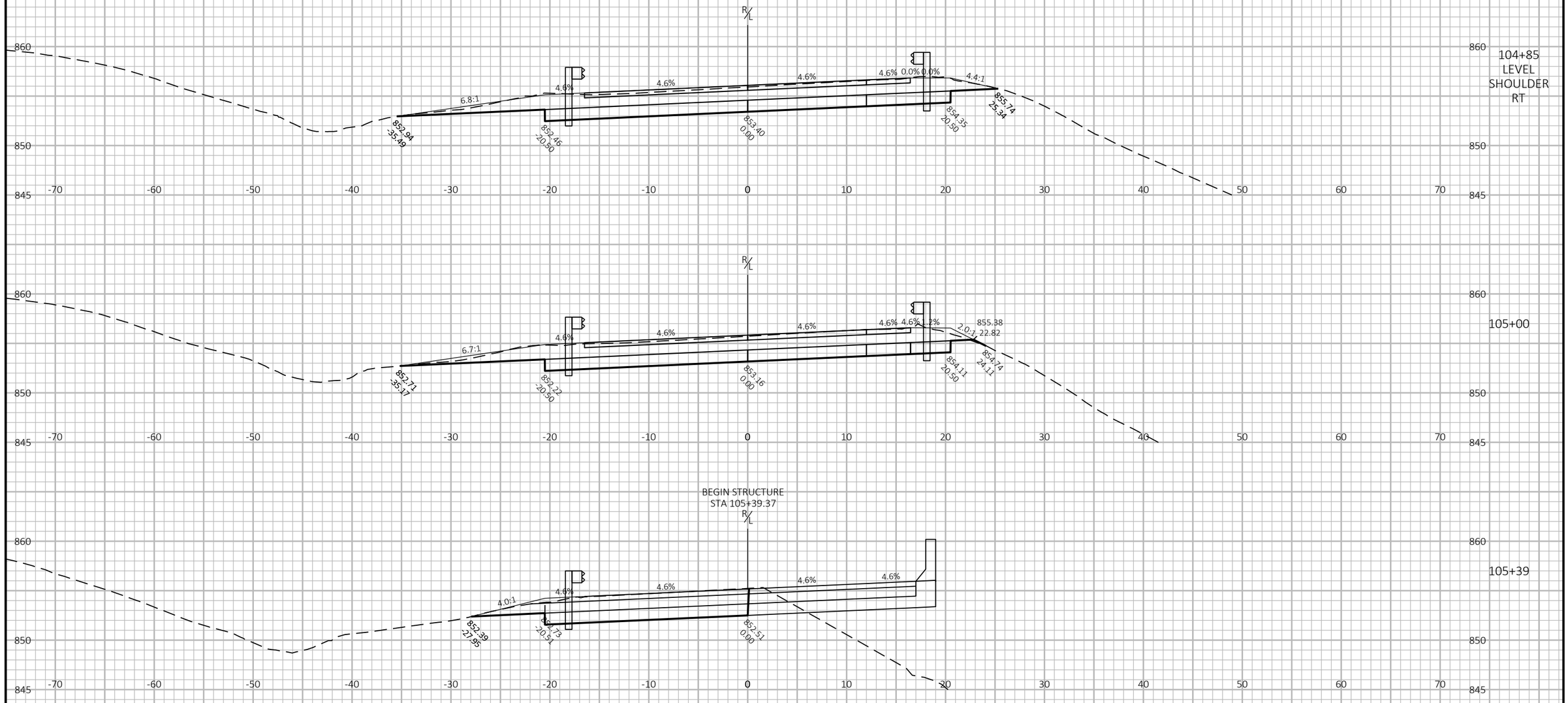
9

9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 525	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090202_XS_STH16EB-BEGINTOSTH19.DWG
LAYOUT NAME - 11 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/30/2024 1:39 PM PLOT BY : SAMANTHA BENSON PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



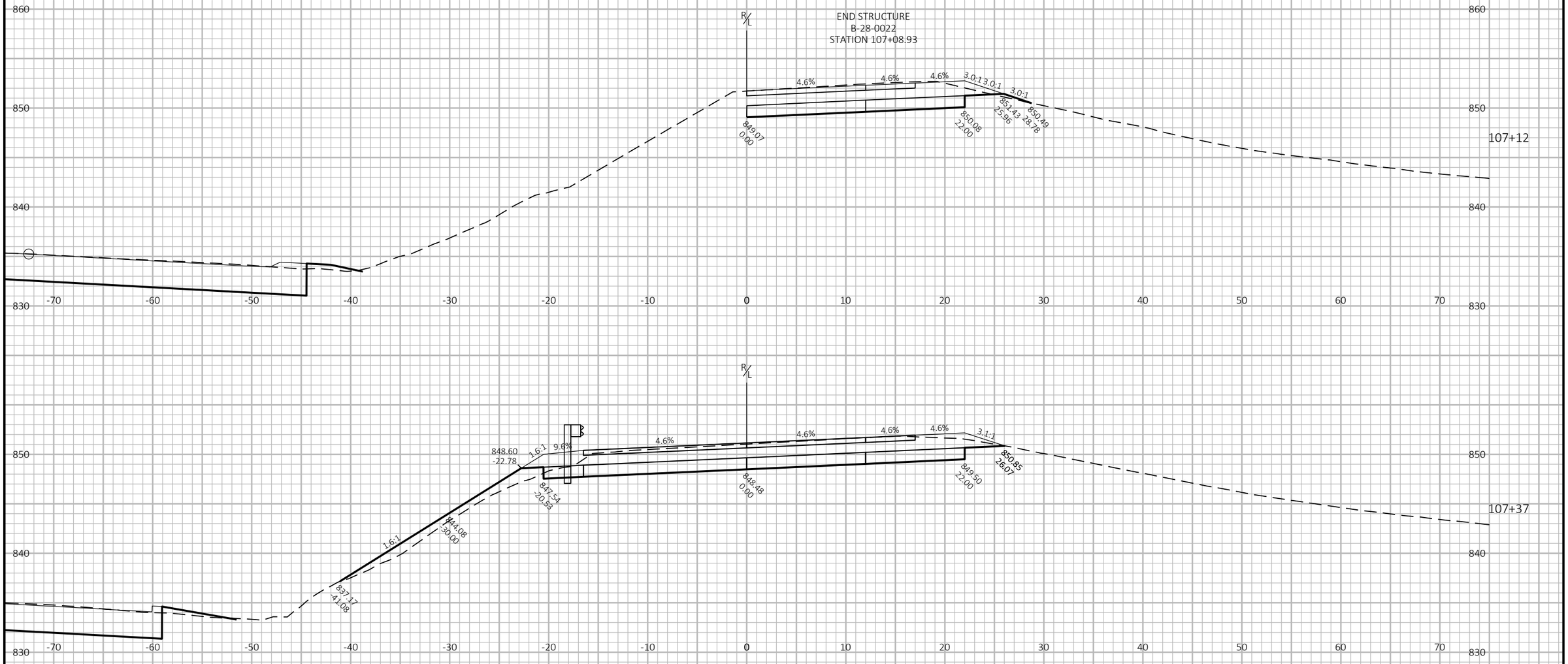
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 526	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090202_XS_STH16EB-BEGINTOSTH19.DWG
LAYOUT NAME - 12 090201-xs-16E-BeginTo19-13700073

PLOT DATE : 8/30/2024 1:39 PM PLOT BY : SAMANTHA BENSON PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

END STRUCTURE
B-28-0022
STATION 107+08.93



10 FT

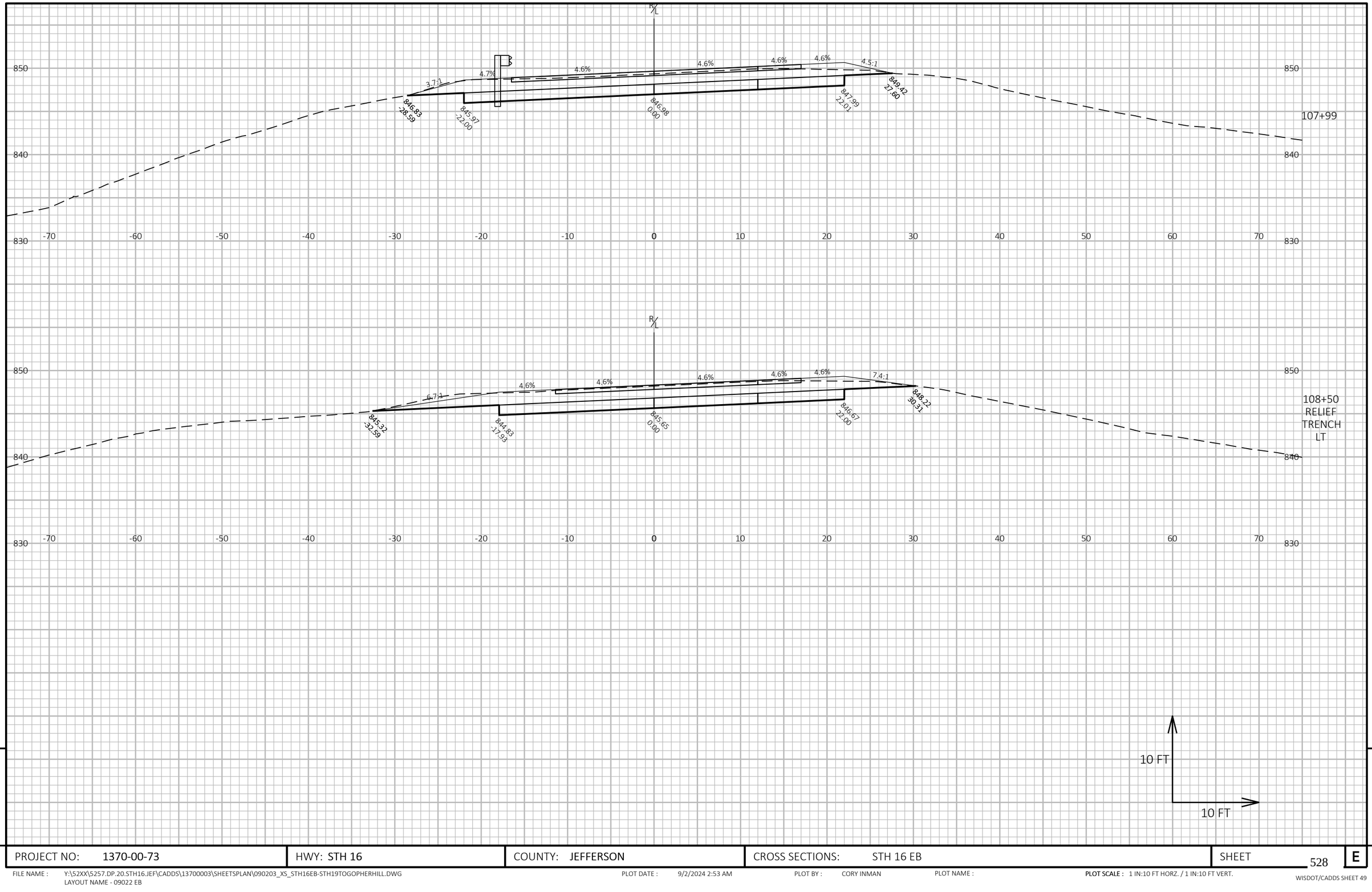
10 FT

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 527	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 09021 EB

PLOT DATE : 9/2/2024 2:53 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

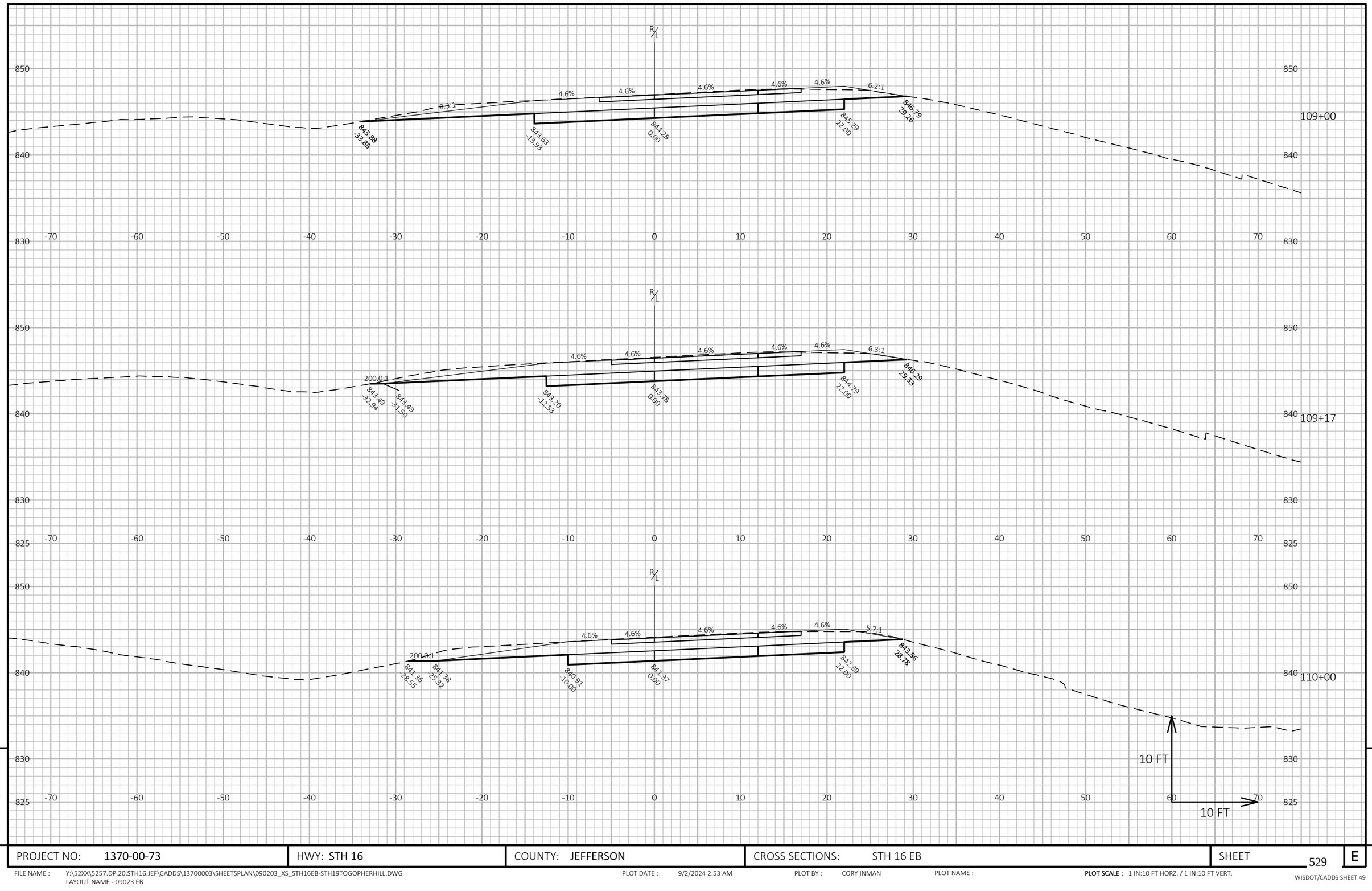
9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 528	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 09022 EB

PLOT DATE : 9/2/2024 2:53 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

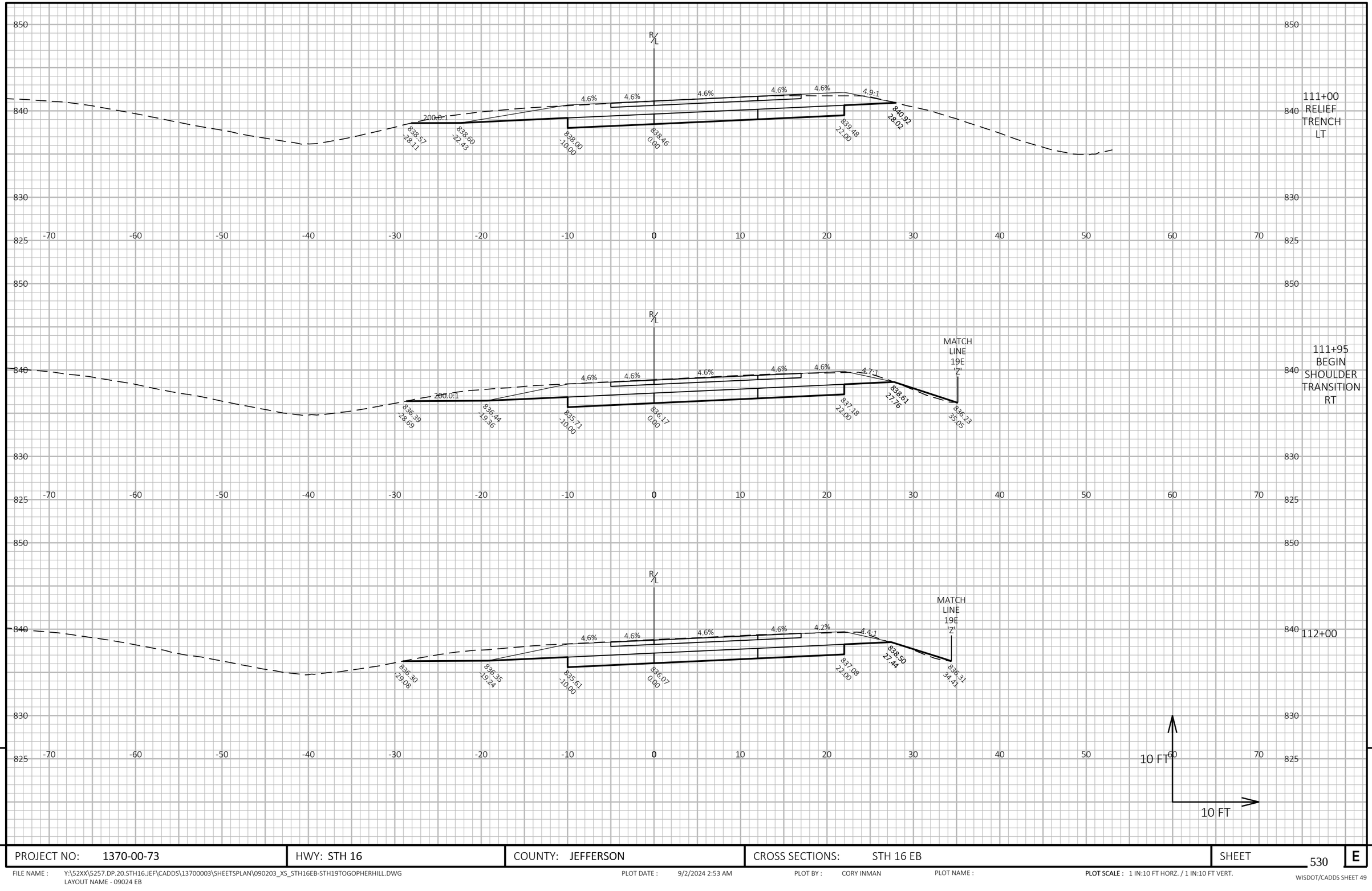


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 529	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 09023 EB

PLOT DATE : 9/2/2024 2:53 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

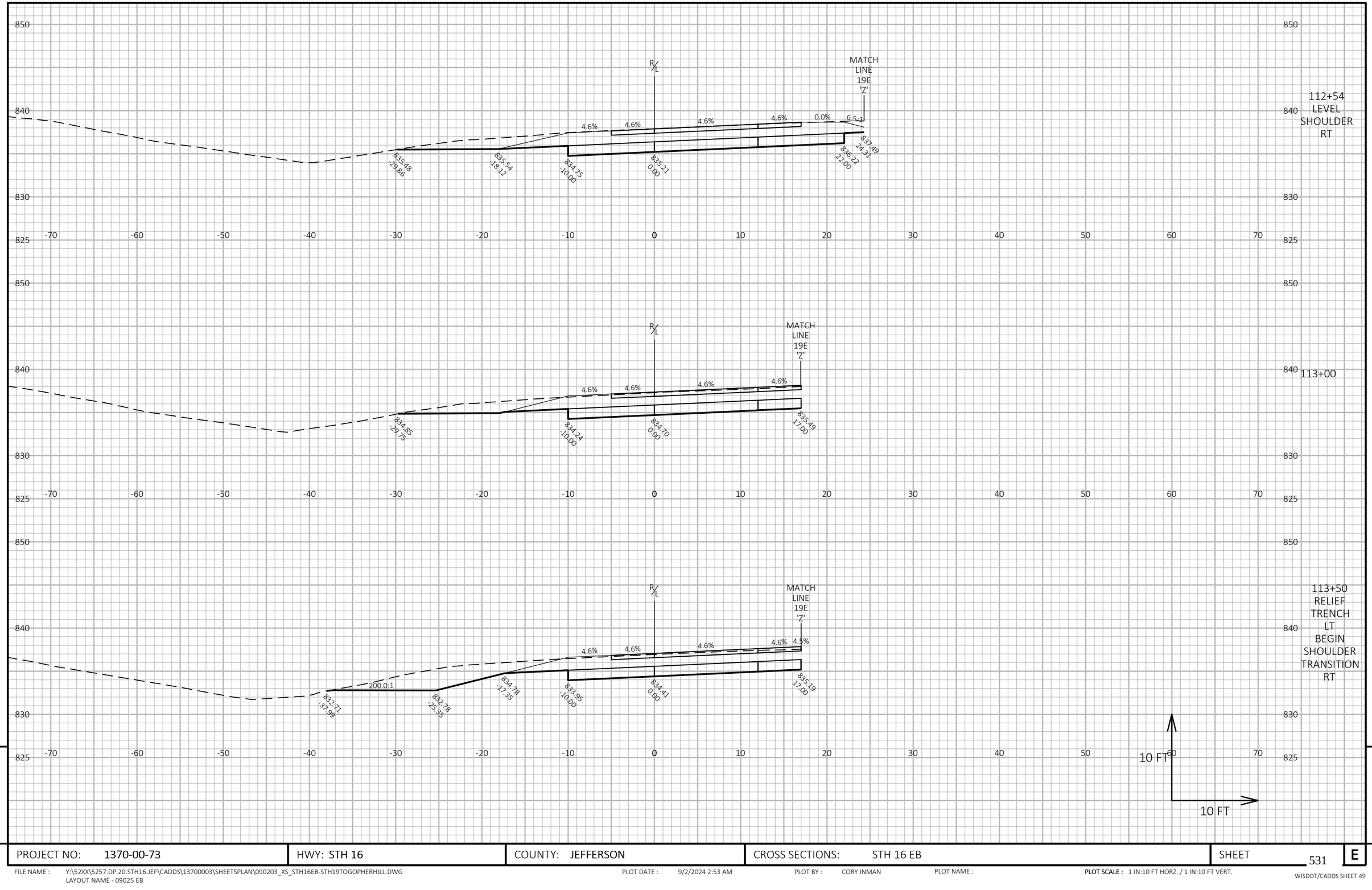


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 530	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 09024 EB

PLOT DATE : 9/2/2024 2:53 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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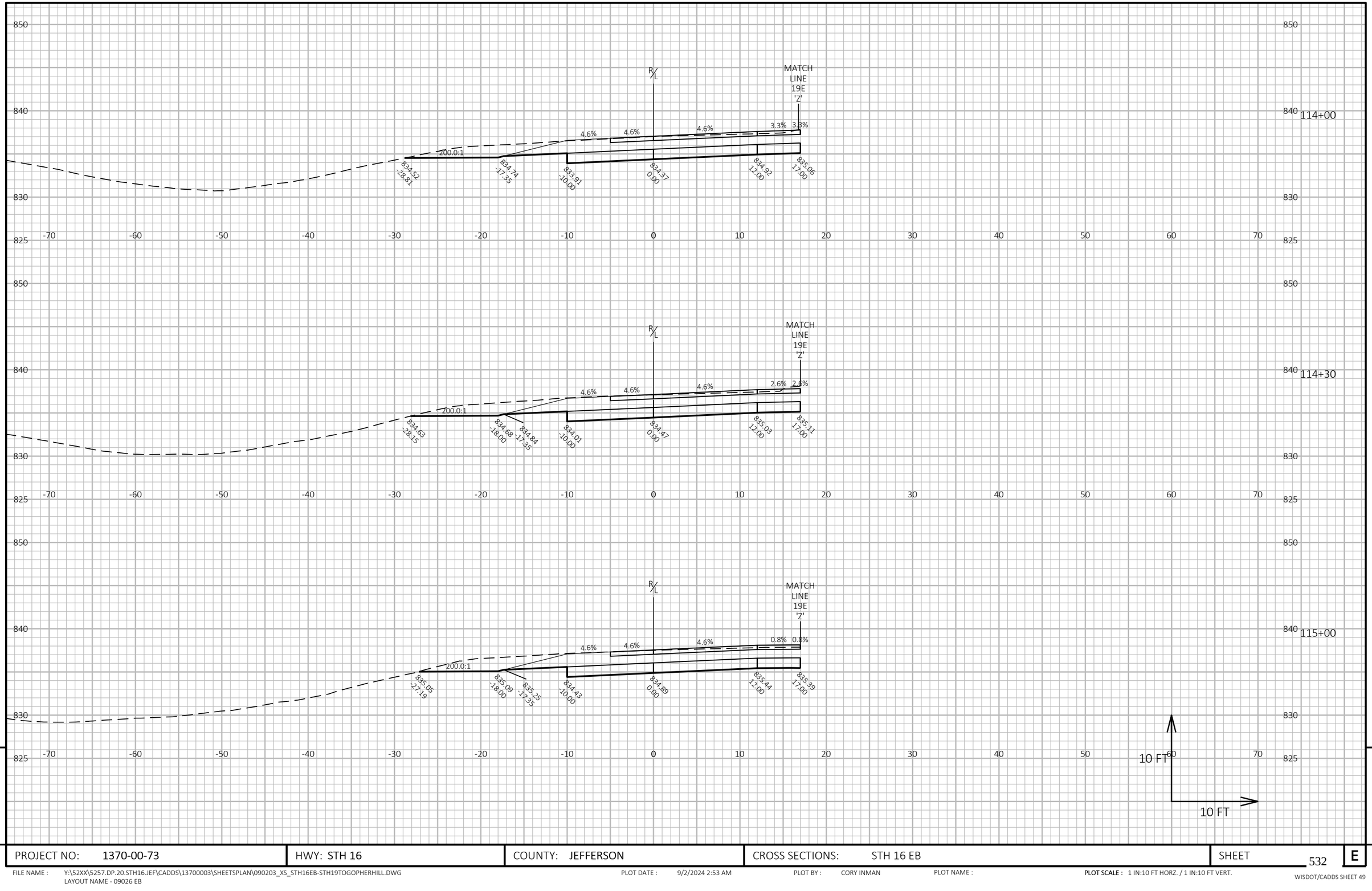
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 531	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 09025 EB

PLOT DATE : 9/2/2024 2:53 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

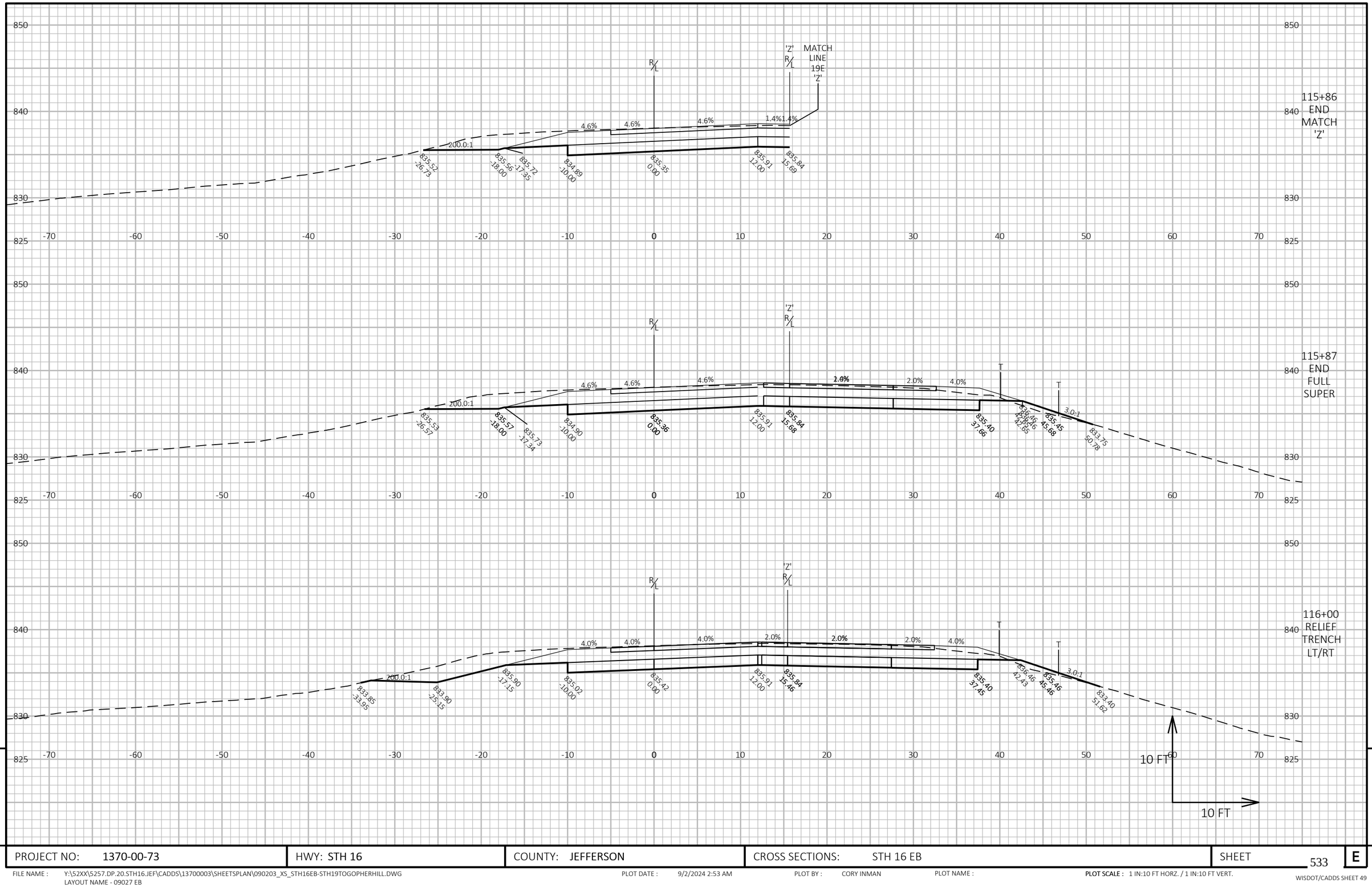


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 532	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 09026 EB

PLOT DATE : 9/2/2024 2:53 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

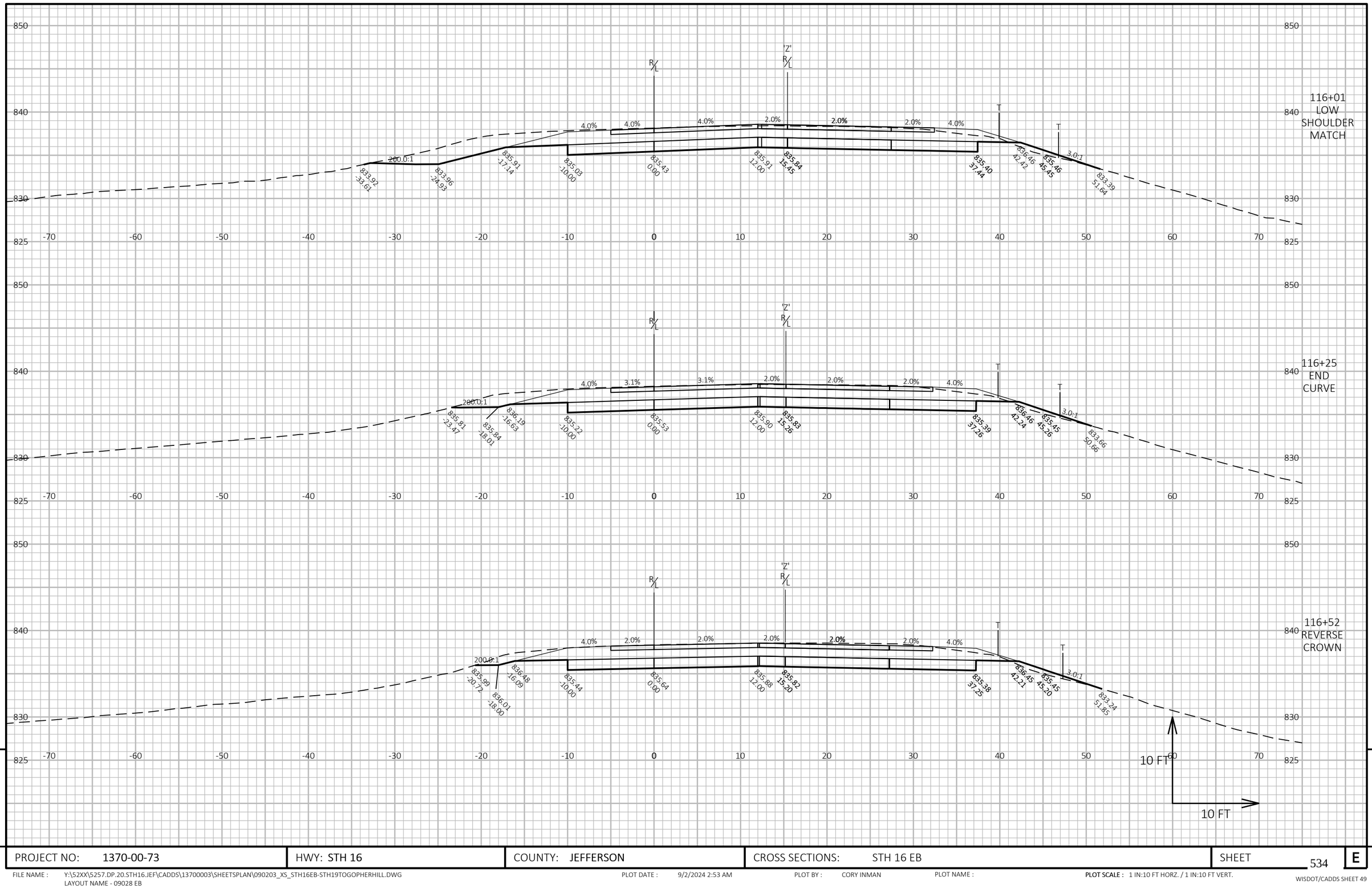


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 533 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 09027 EB

PLOT DATE : 9/2/2024 2:53 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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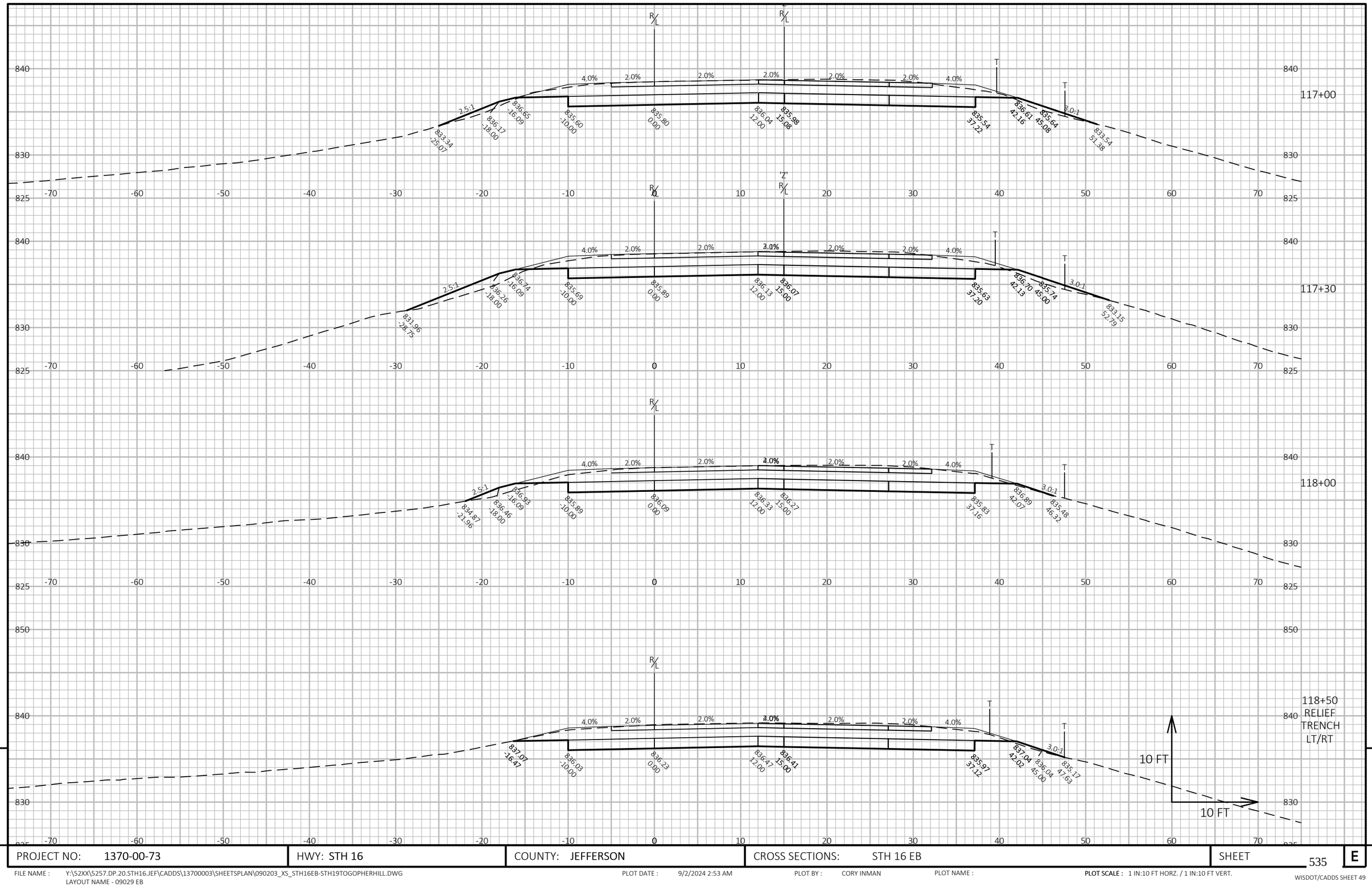
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 534	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 09028 EB

PLOT DATE : 9/2/2024 2:53 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

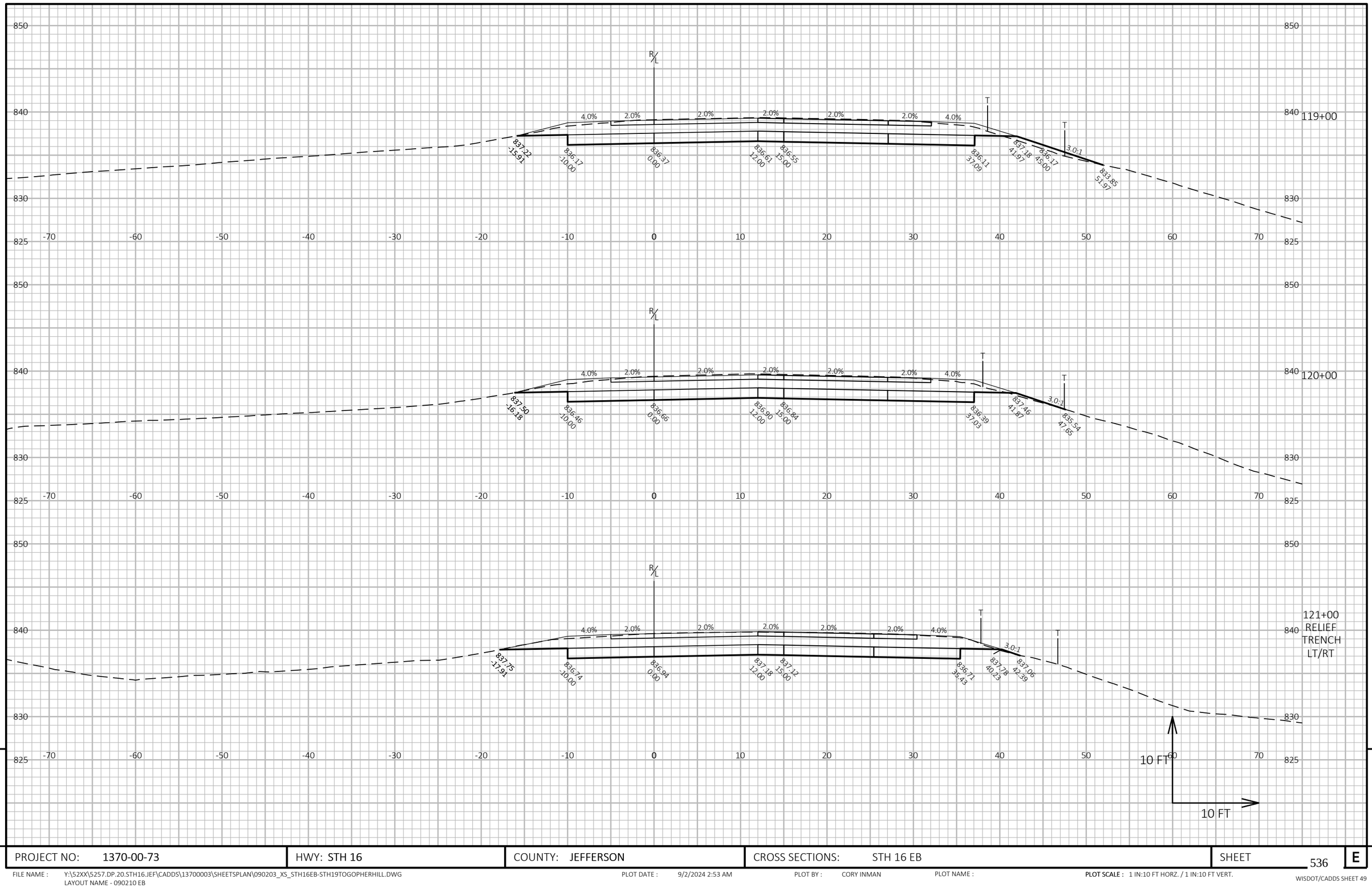


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 535 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 09029 EB

PLOT DATE : 9/2/2024 2:53 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 536	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090210 EB

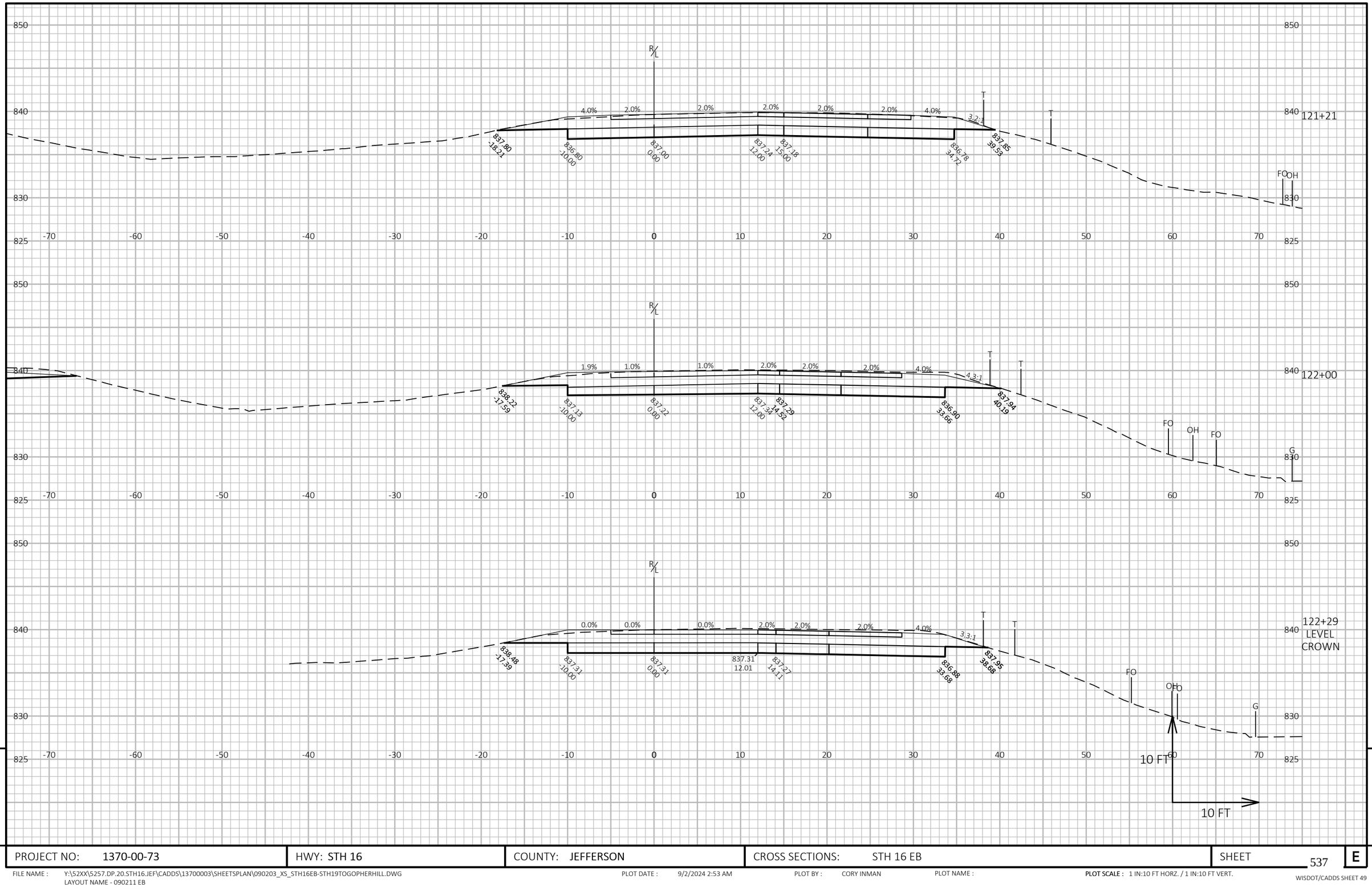
PLOT DATE : 9/2/2024 2:53 AM

PLOT BY : CORY INMAN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

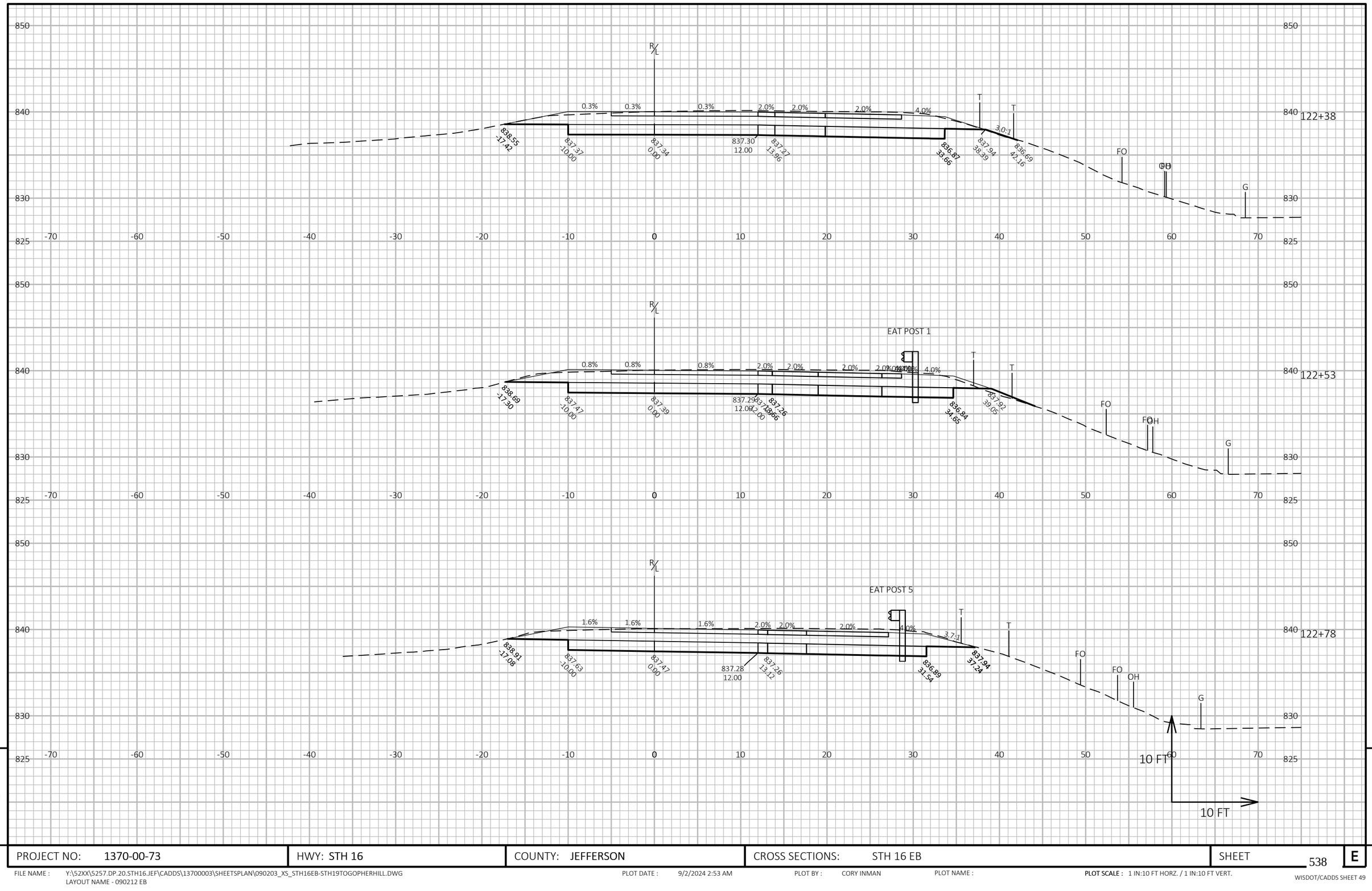


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 537 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090211 EB

PLOT DATE : 9/2/2024 2:53 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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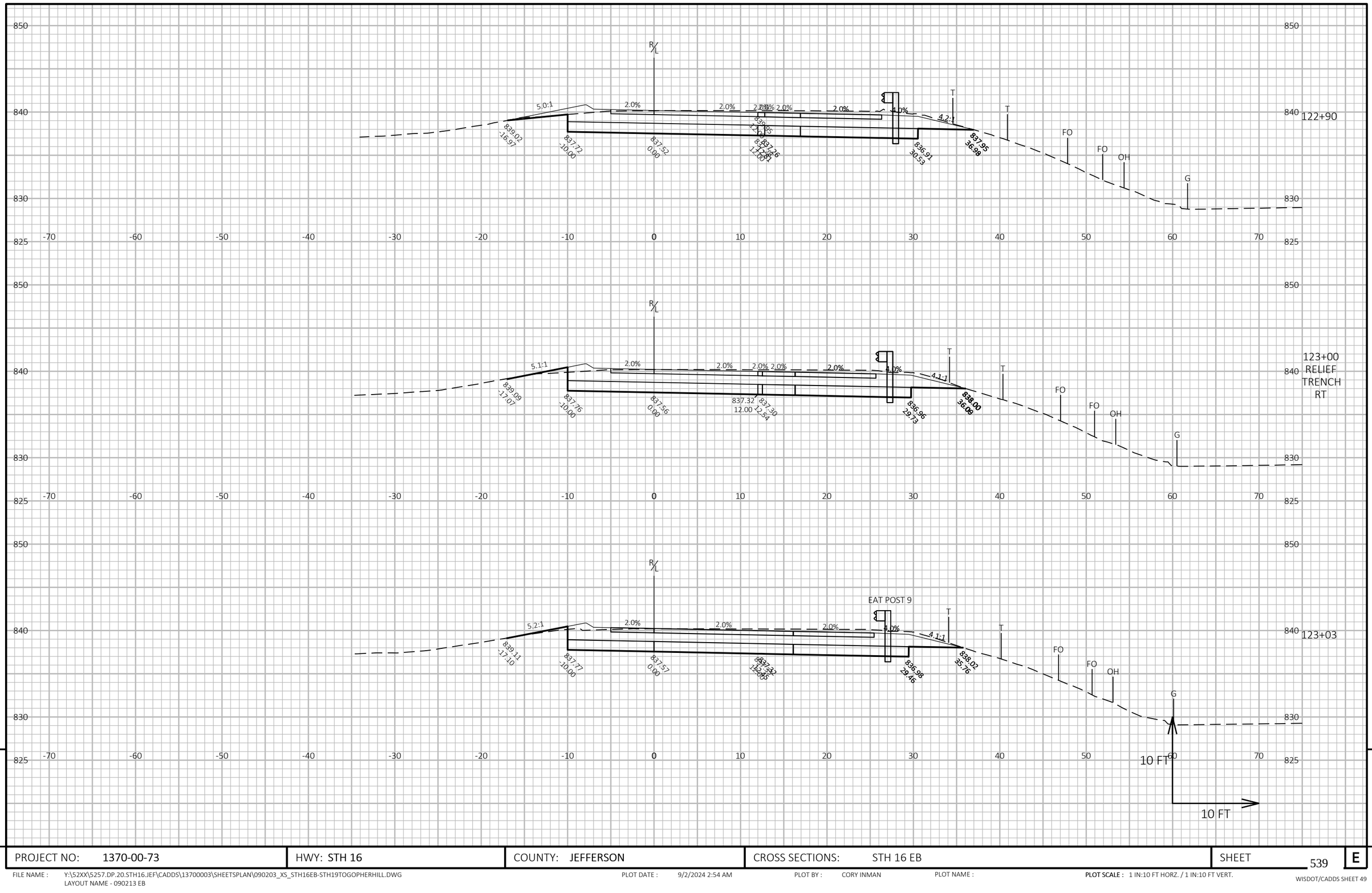
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 538	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090212 EB

PLOT DATE : 9/2/2024 2:53 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

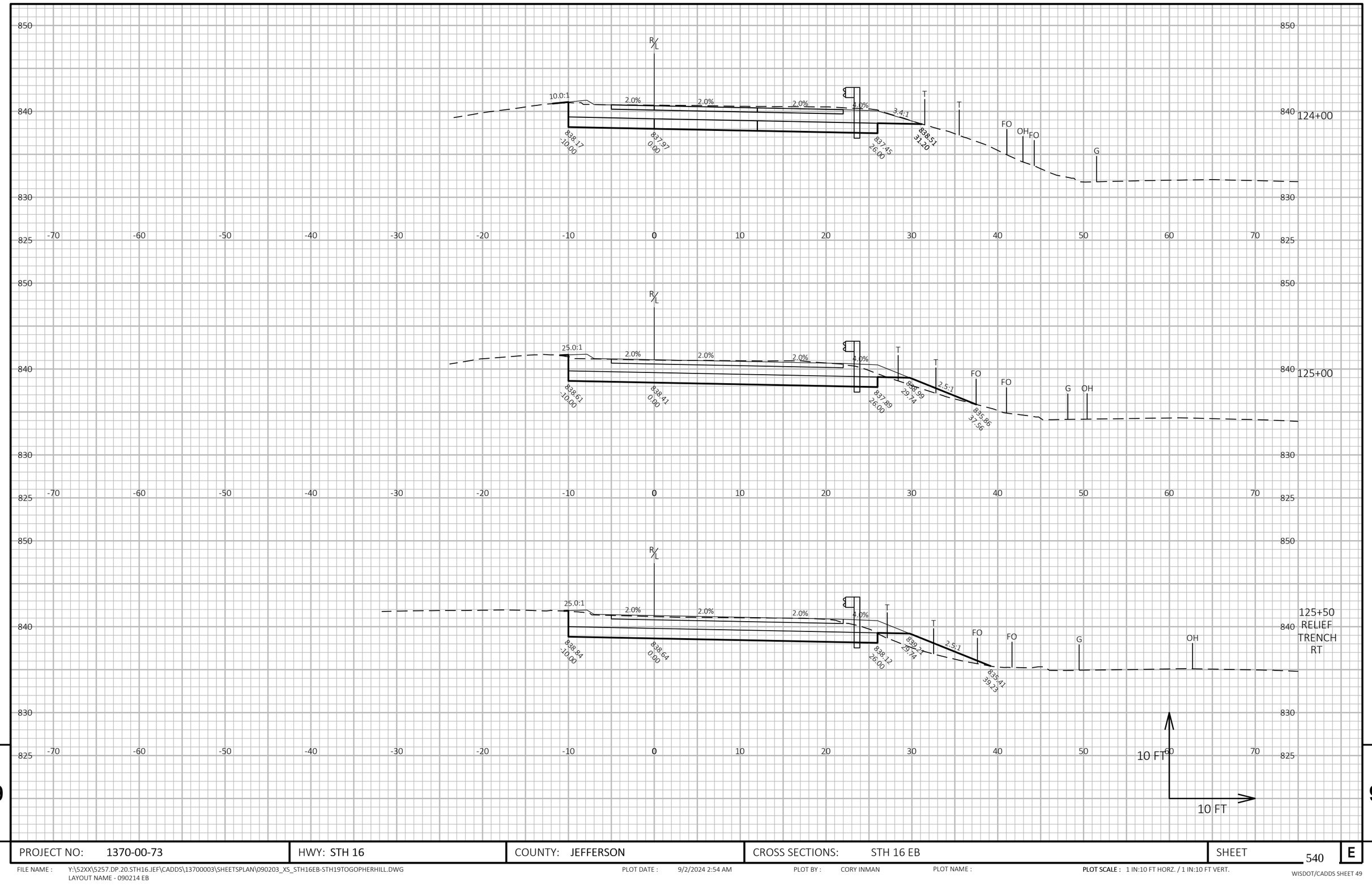


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 539 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090213 EB

PLOT DATE : 9/2/2024 2:54 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

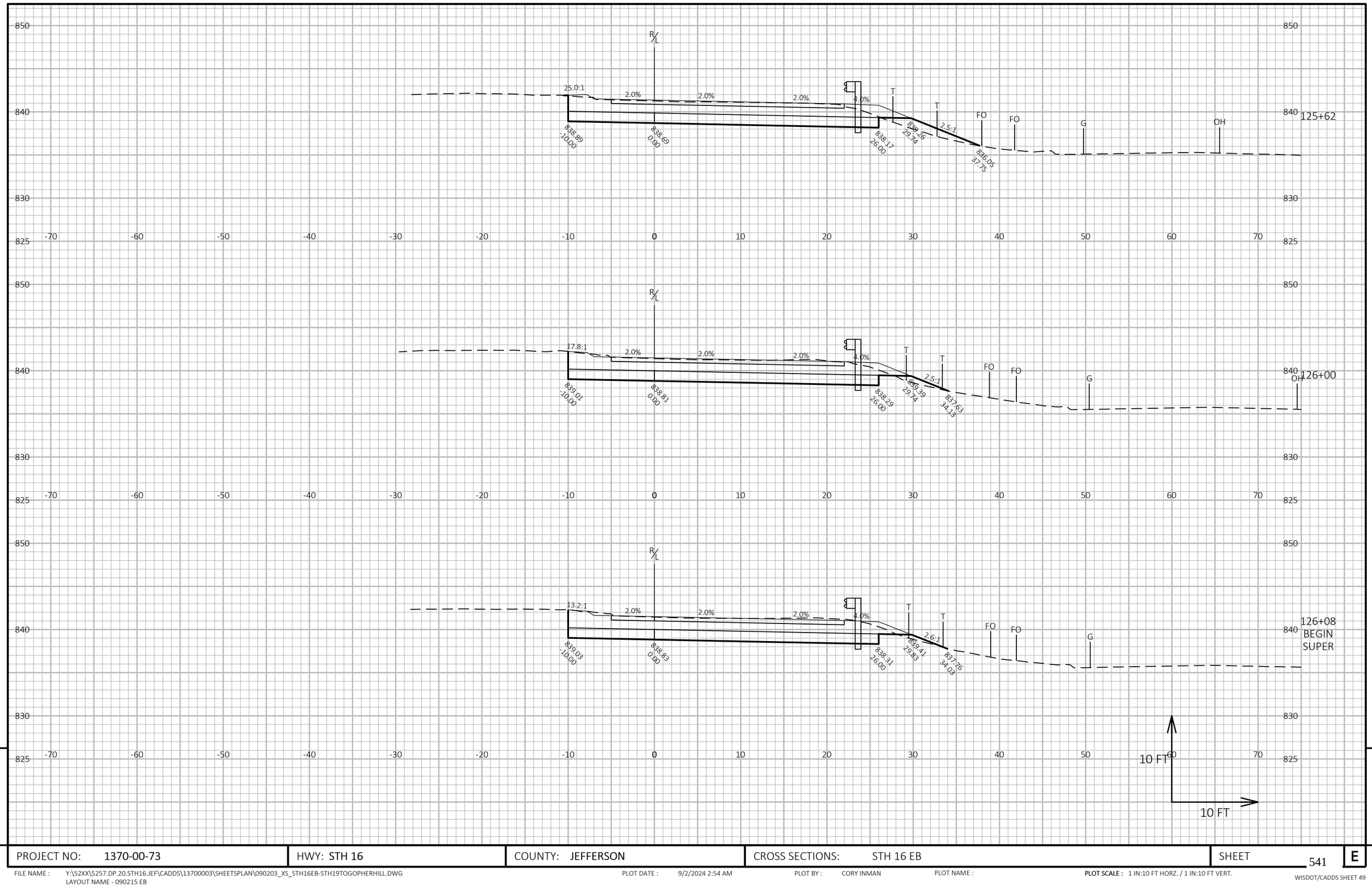


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 540	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090214 EB

PLOT DATE : 9/2/2024 2:54 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

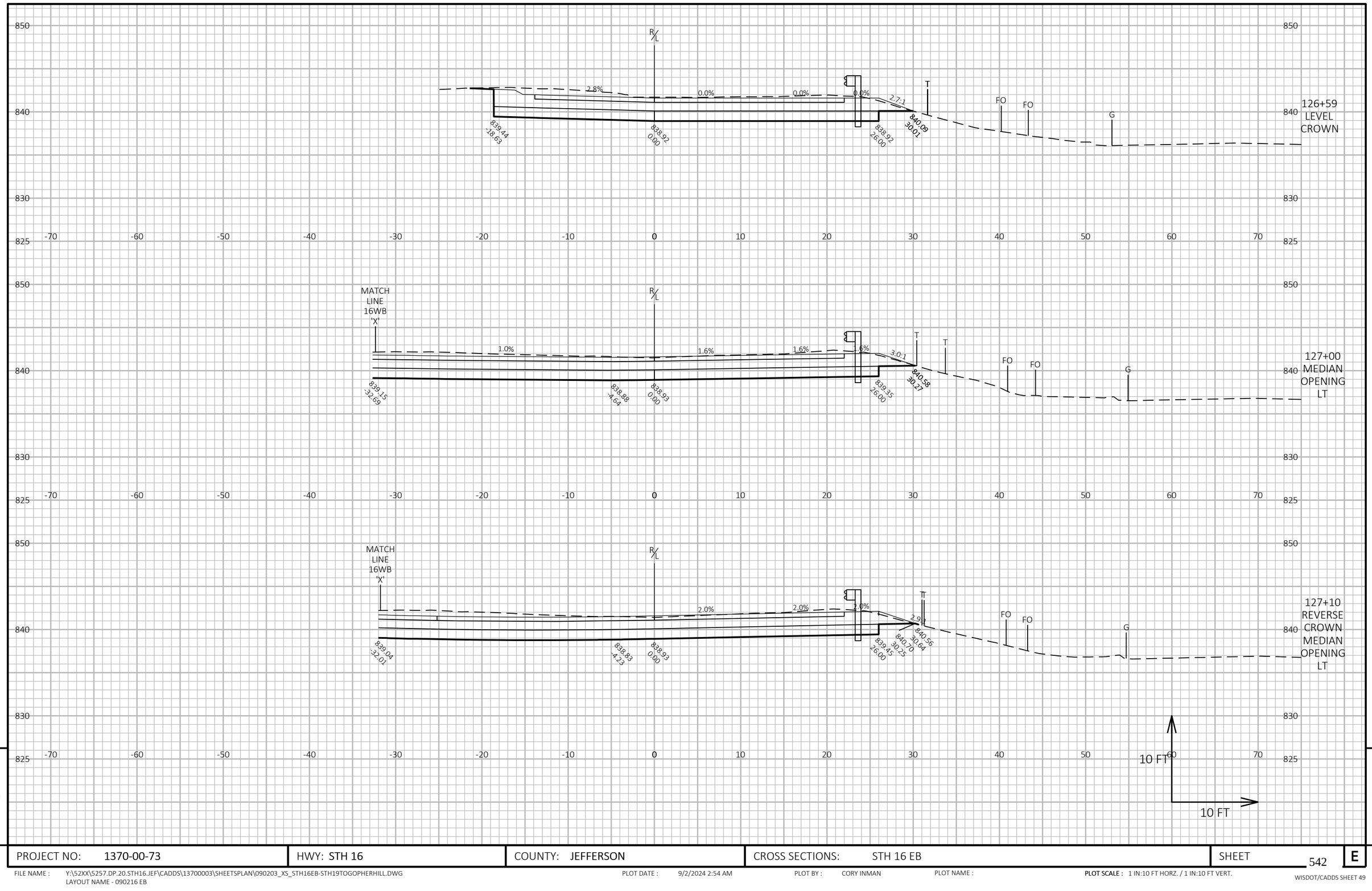


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 541	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090215 EB

PLOT DATE : 9/2/2024 2:54 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

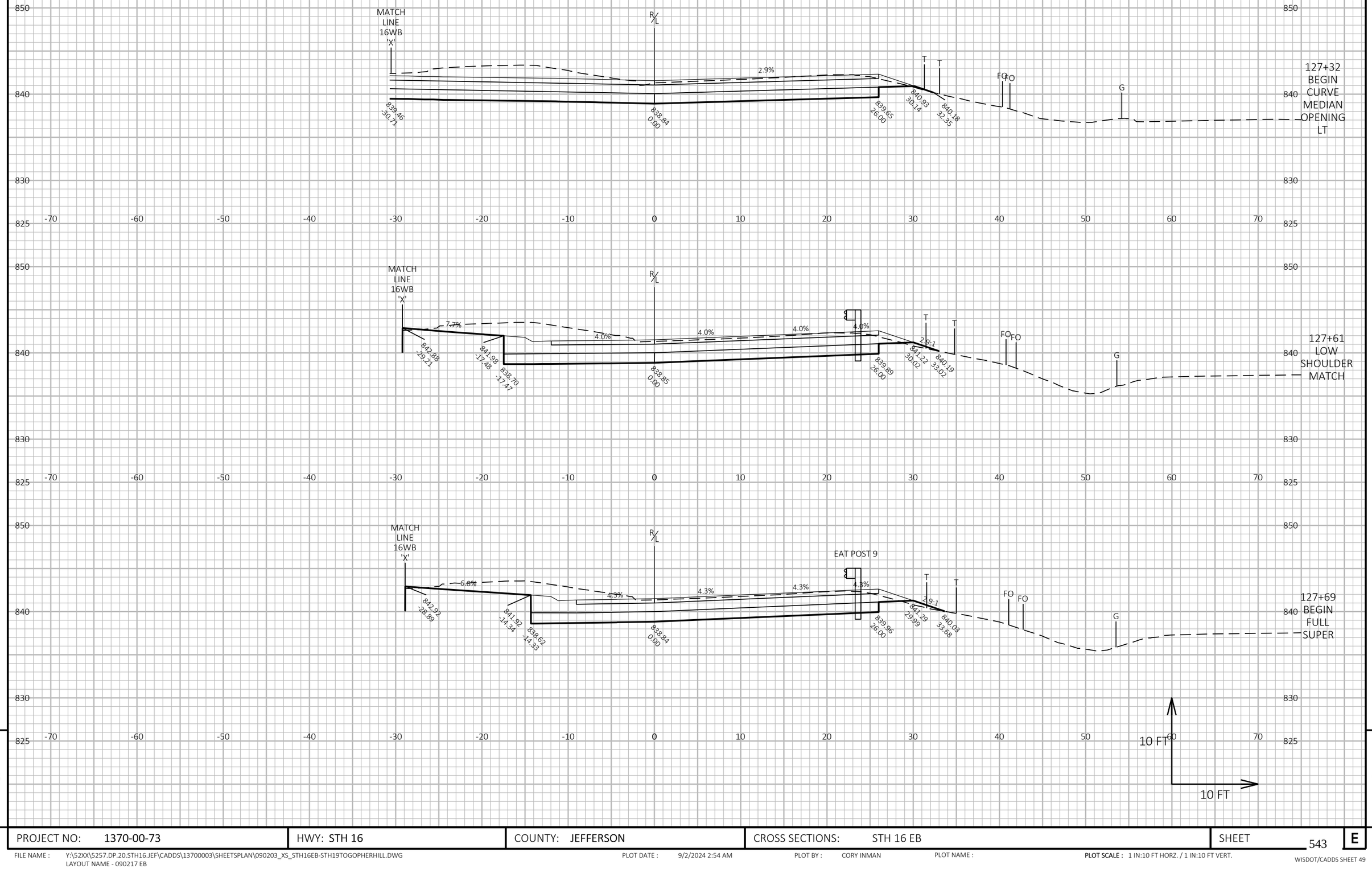


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 542	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090216 EB

PLOT DATE : 9/2/2024 2:54 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 543	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090217 EB

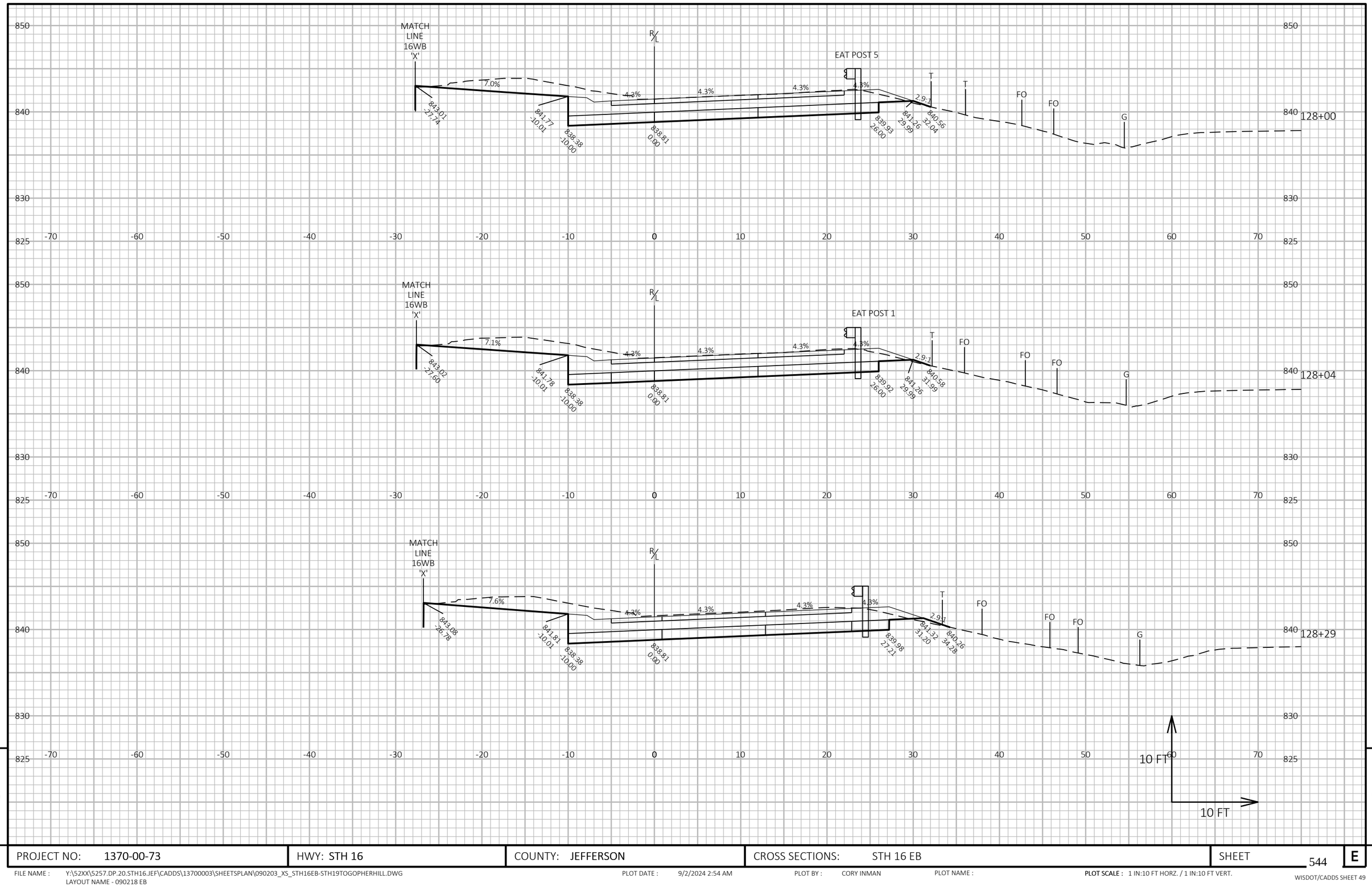
PLOT DATE : 9/2/2024 2:54 AM

PLOT BY : CORY INMAN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

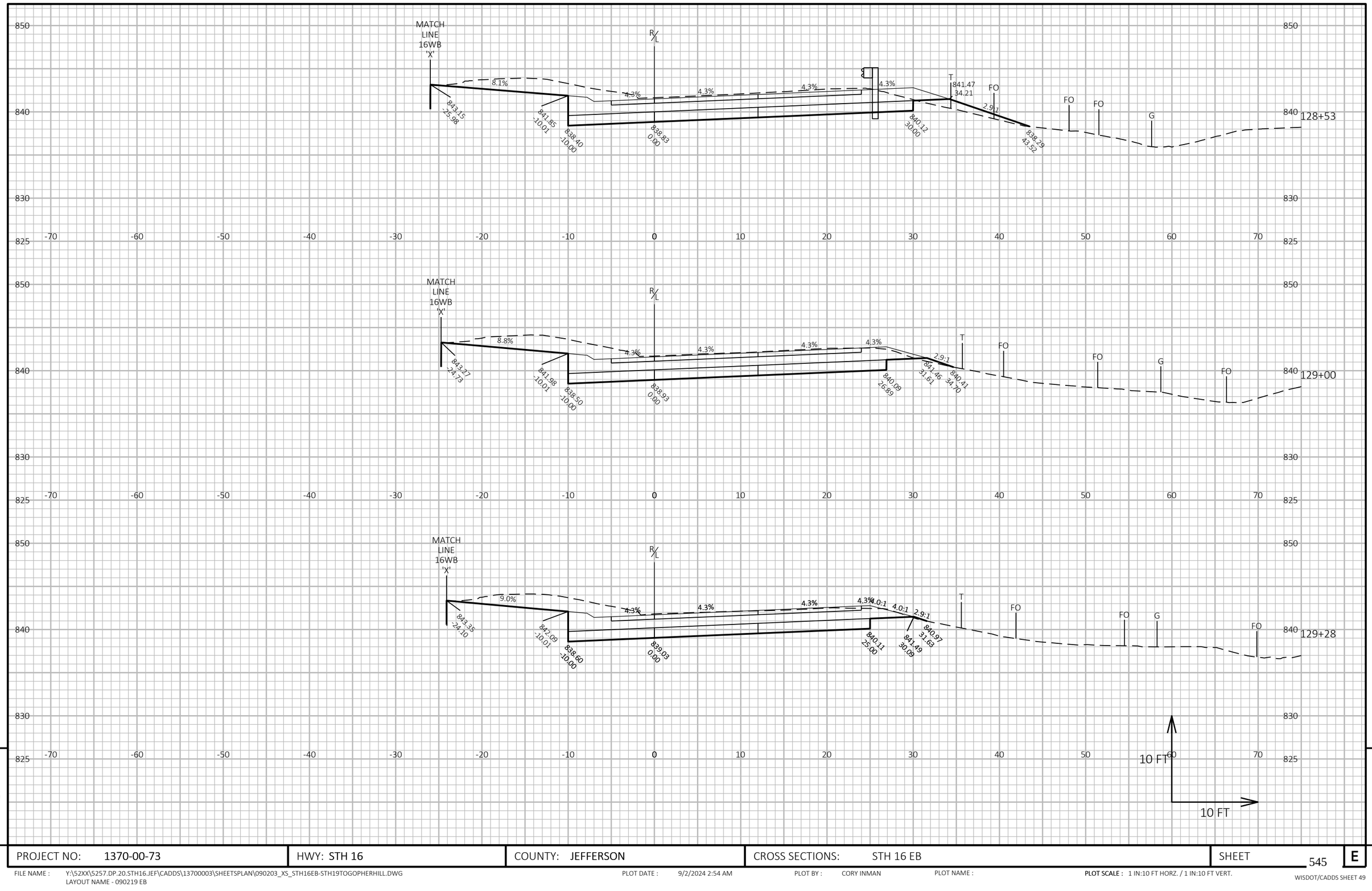


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 544	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090218 EB

PLOT DATE : 9/2/2024 2:54 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 545	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090219 EB

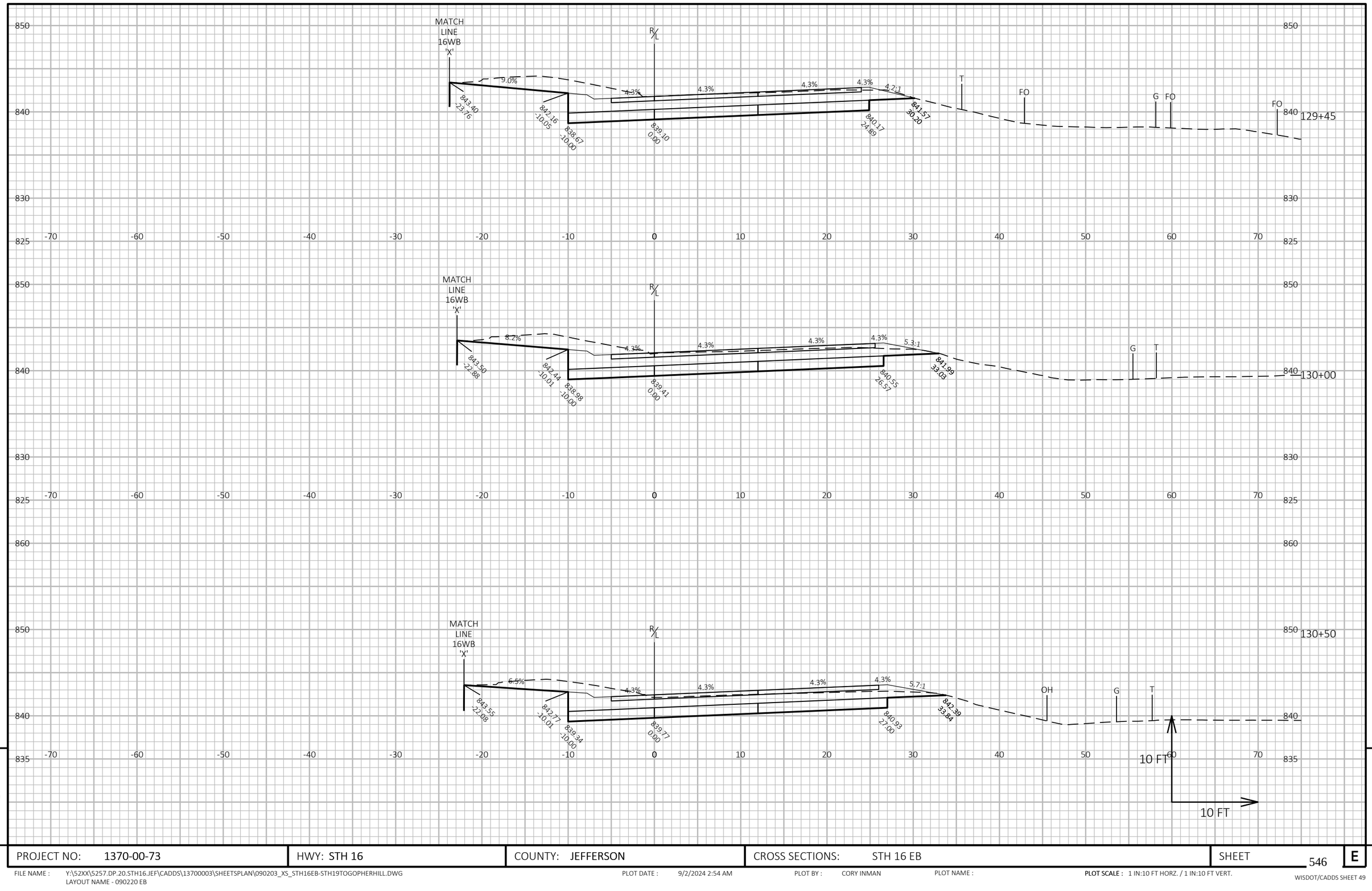
PLOT DATE : 9/2/2024 2:54 AM

PLOT BY : CORY INMAN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 546	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090220 EB

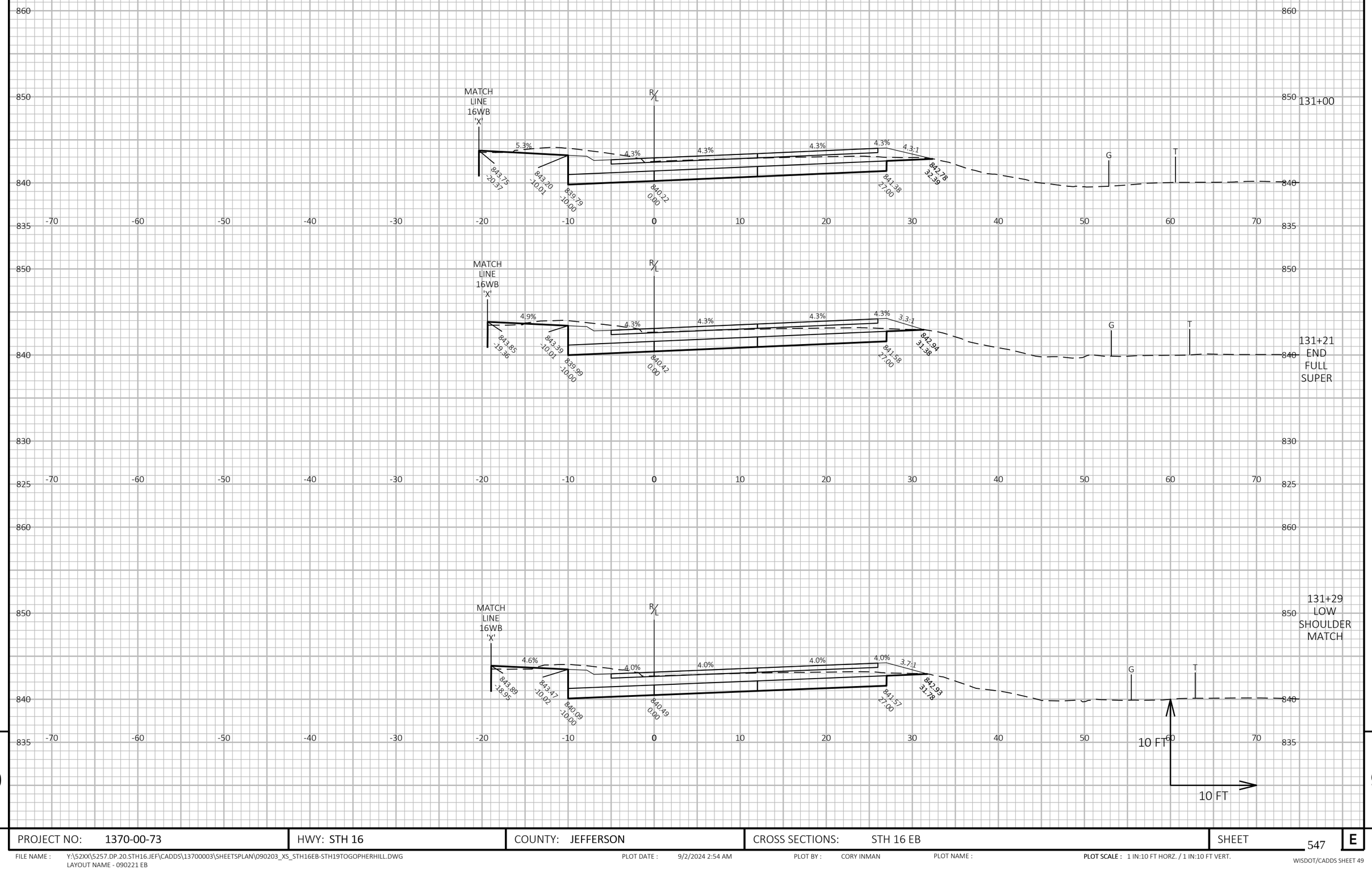
PLOT DATE : 9/2/2024 2:54 AM

PLOT BY : CORY INMAN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

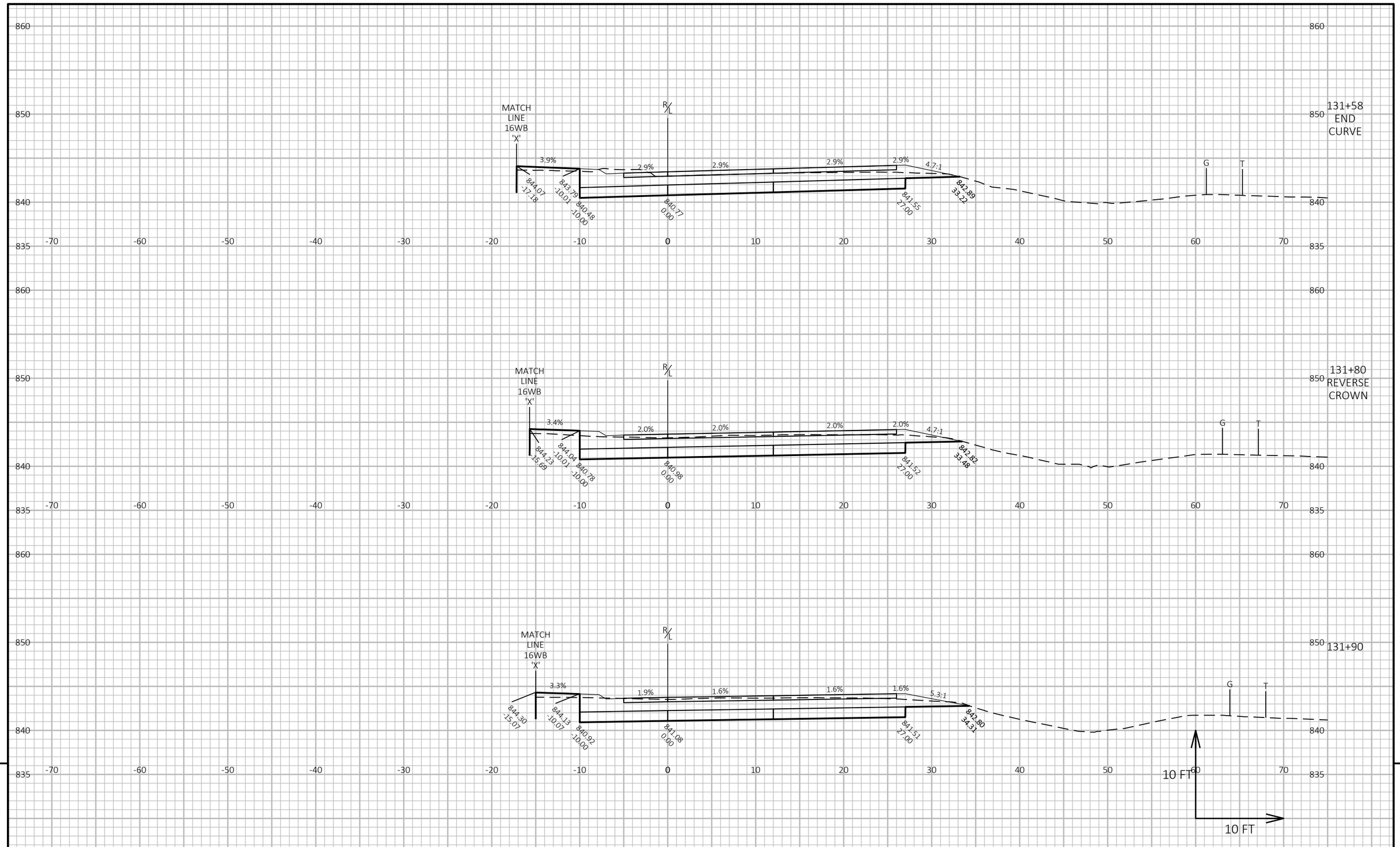


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 547	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090221 EB

PLOT DATE : 9/2/2024 2:54 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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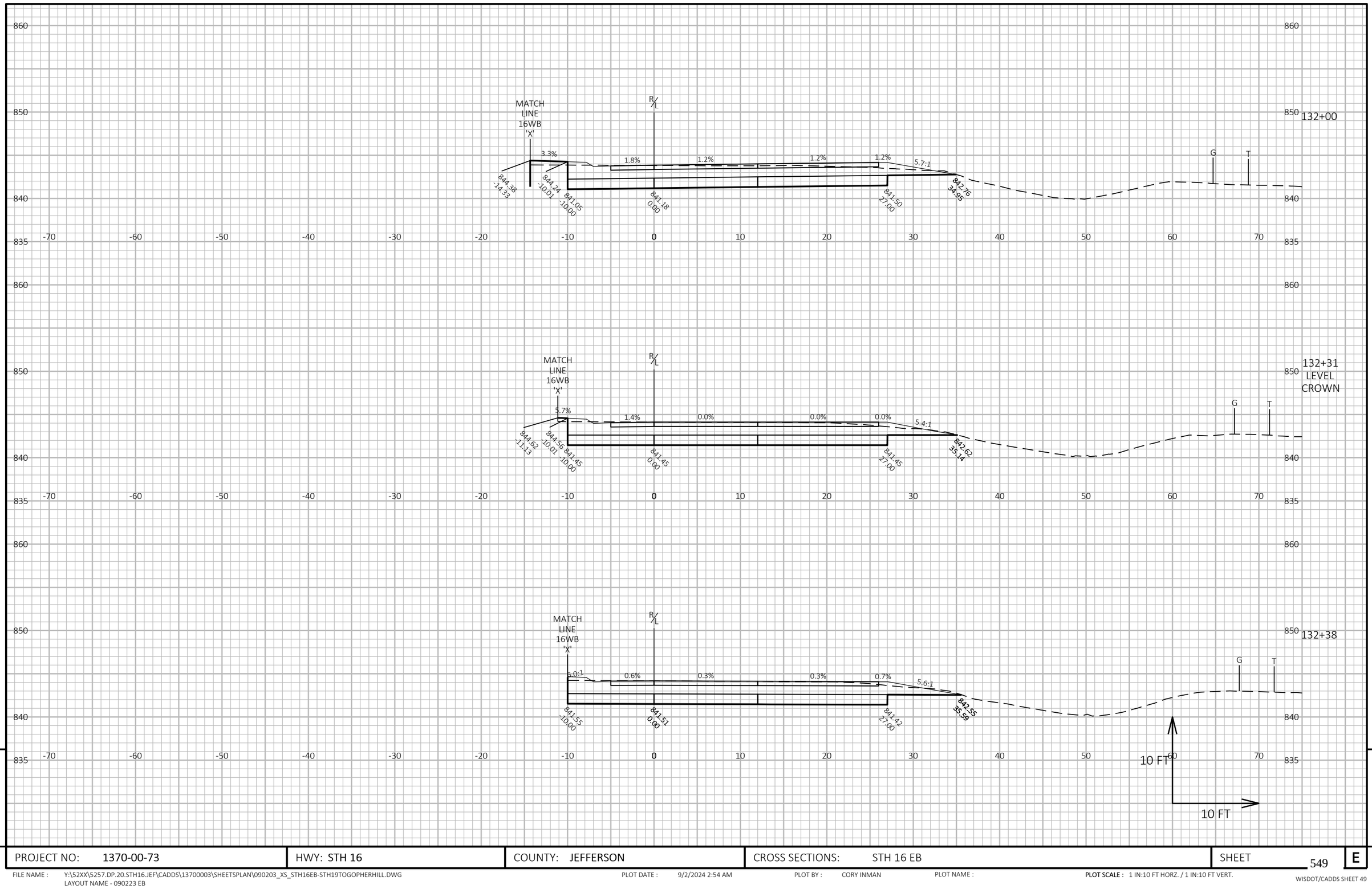
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 548	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090222 EB

PLOT DATE : 9/2/2024 2:54 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



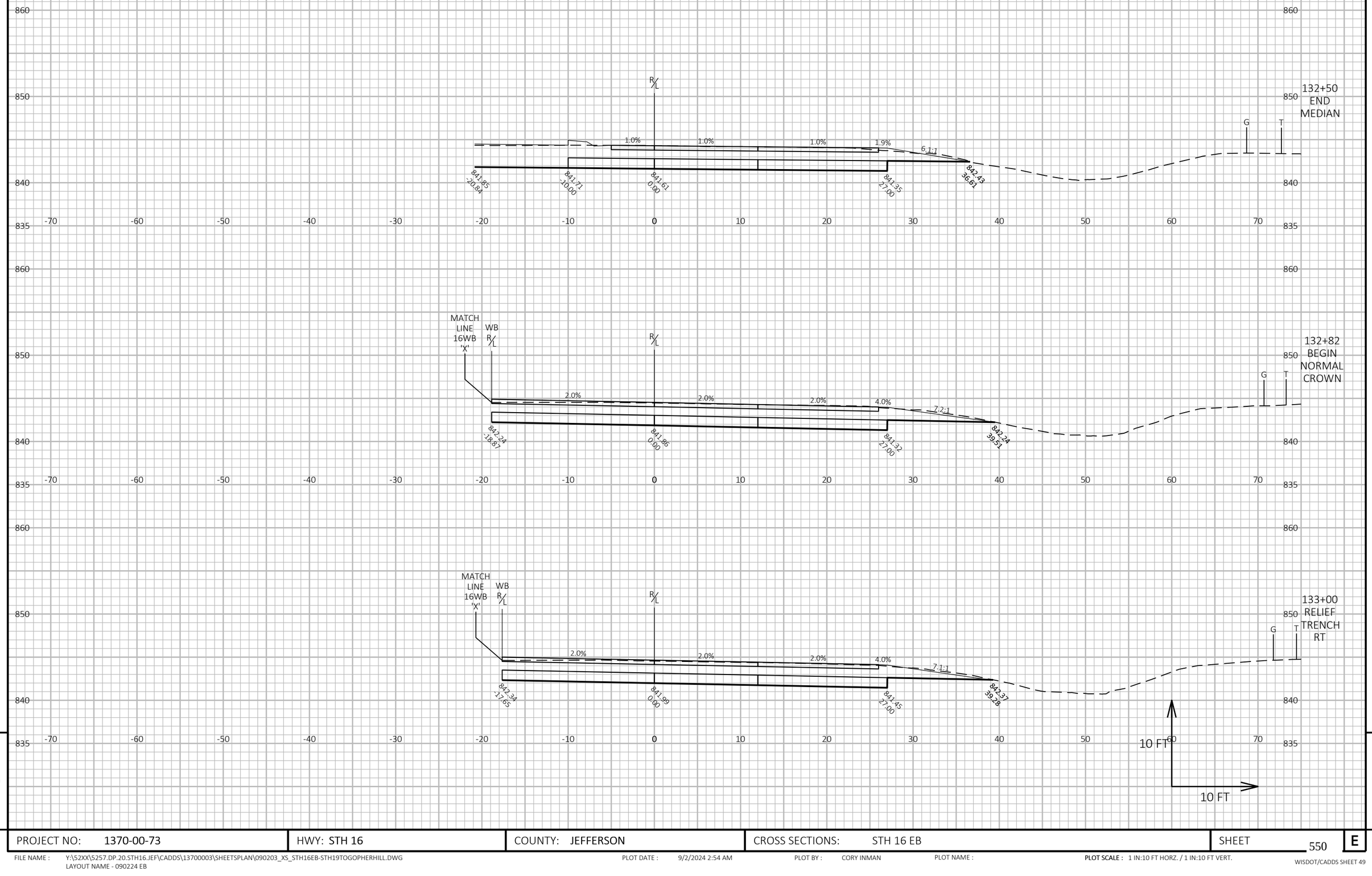
9

9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 549	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090223 EB

PLOT DATE : 9/2/2024 2:54 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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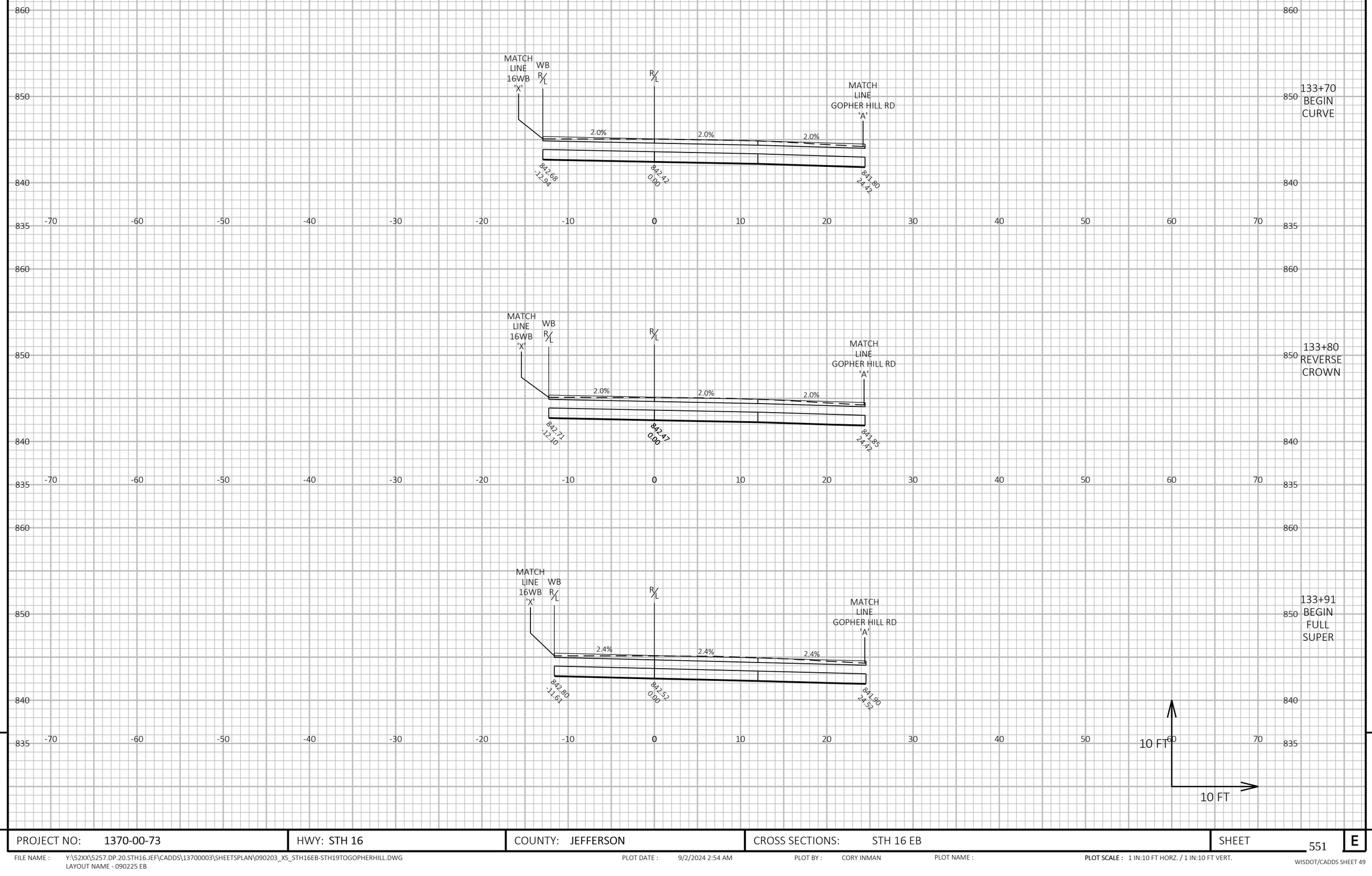
9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 550	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090224 EB

PLOT DATE : 9/2/2024 2:54 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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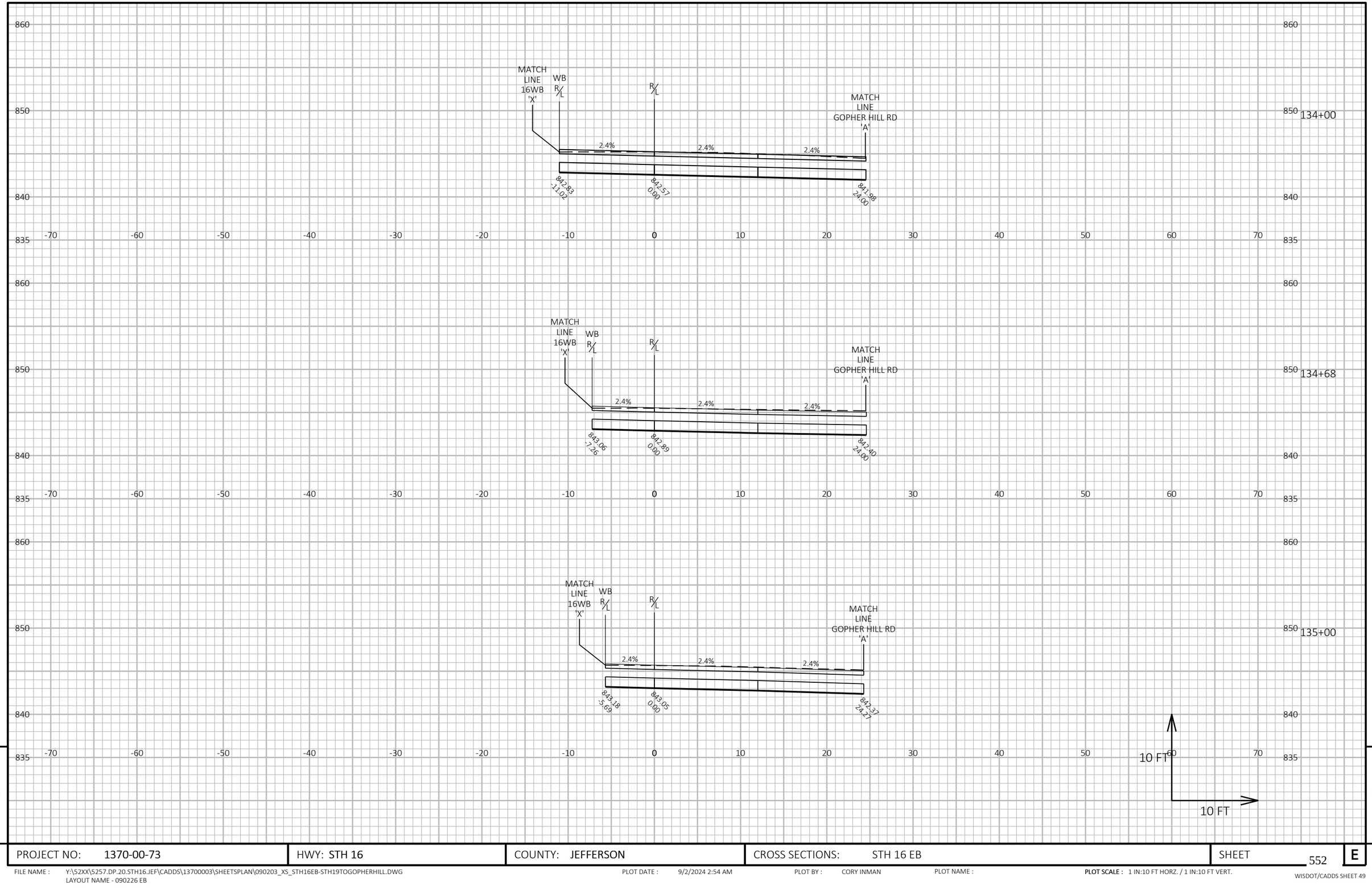
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 551	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090225 EB

PLOT DATE : 9/2/2024 2:54 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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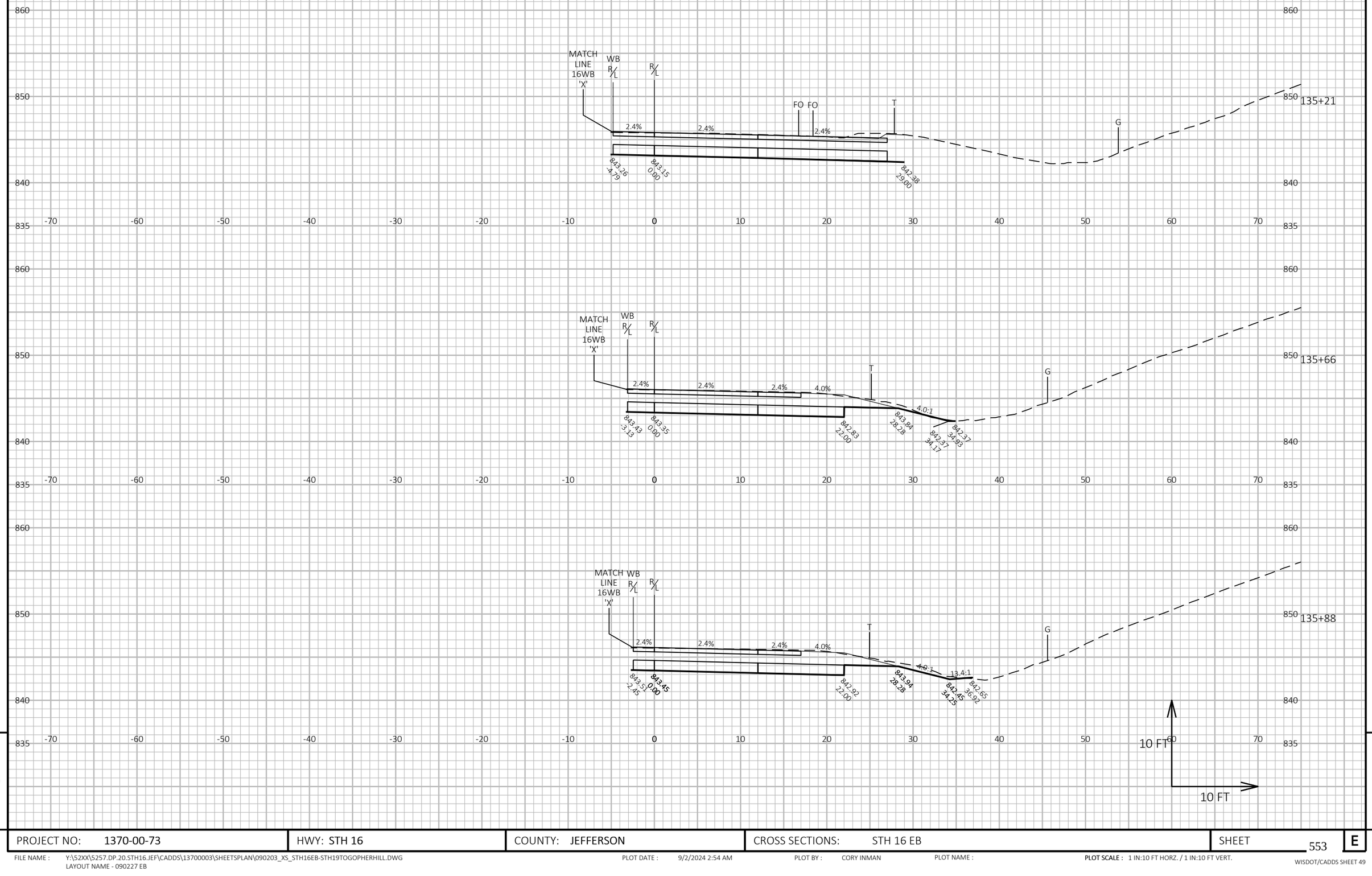
9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 552	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090226 EB

PLOT DATE : 9/2/2024 2:54 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 553	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090227 EB

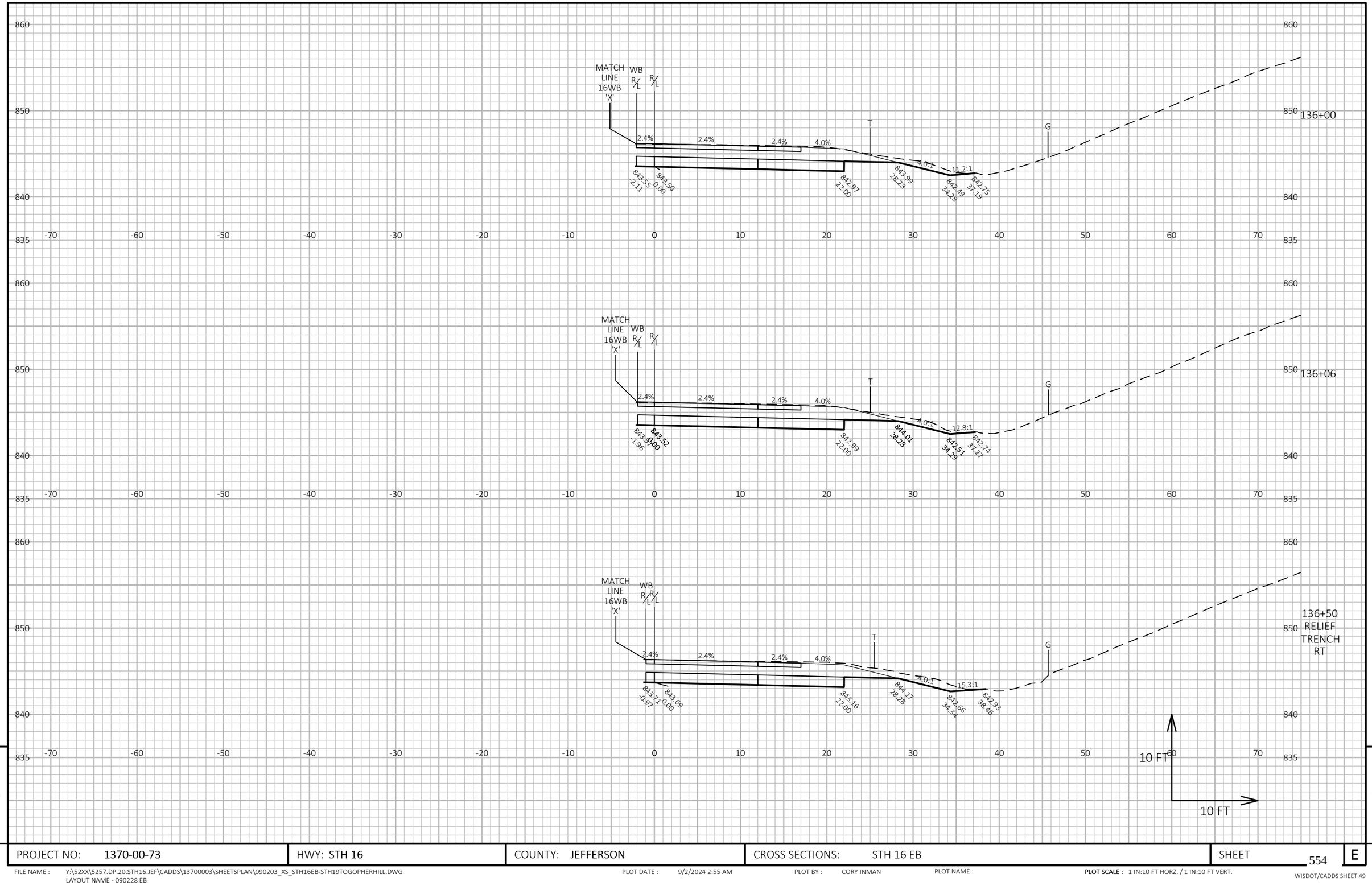
PLOT DATE : 9/2/2024 2:54 AM

PLOT BY : CORY INMAN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

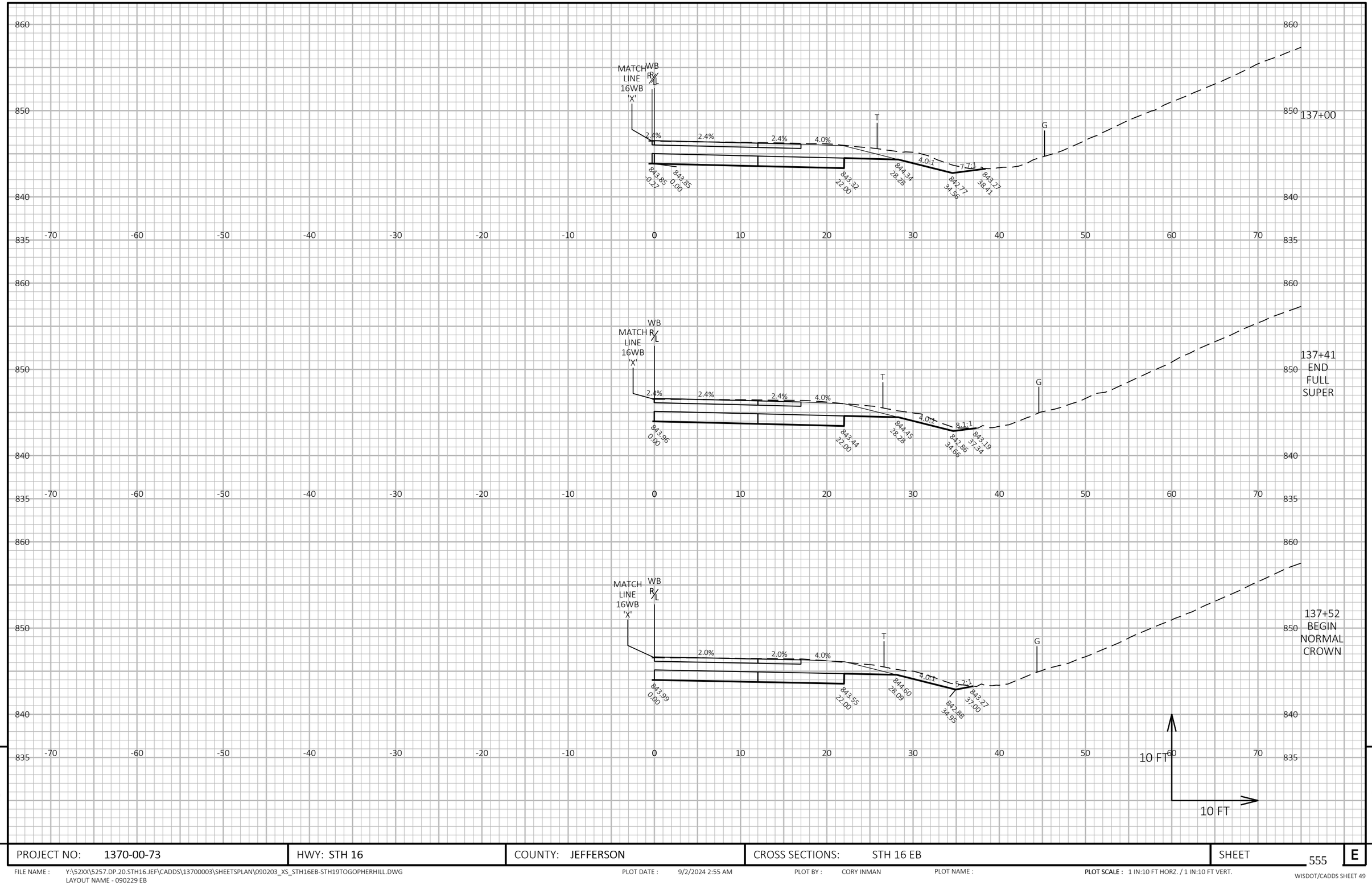


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 554	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090228 EB

PLOT DATE : 9/2/2024 2:55 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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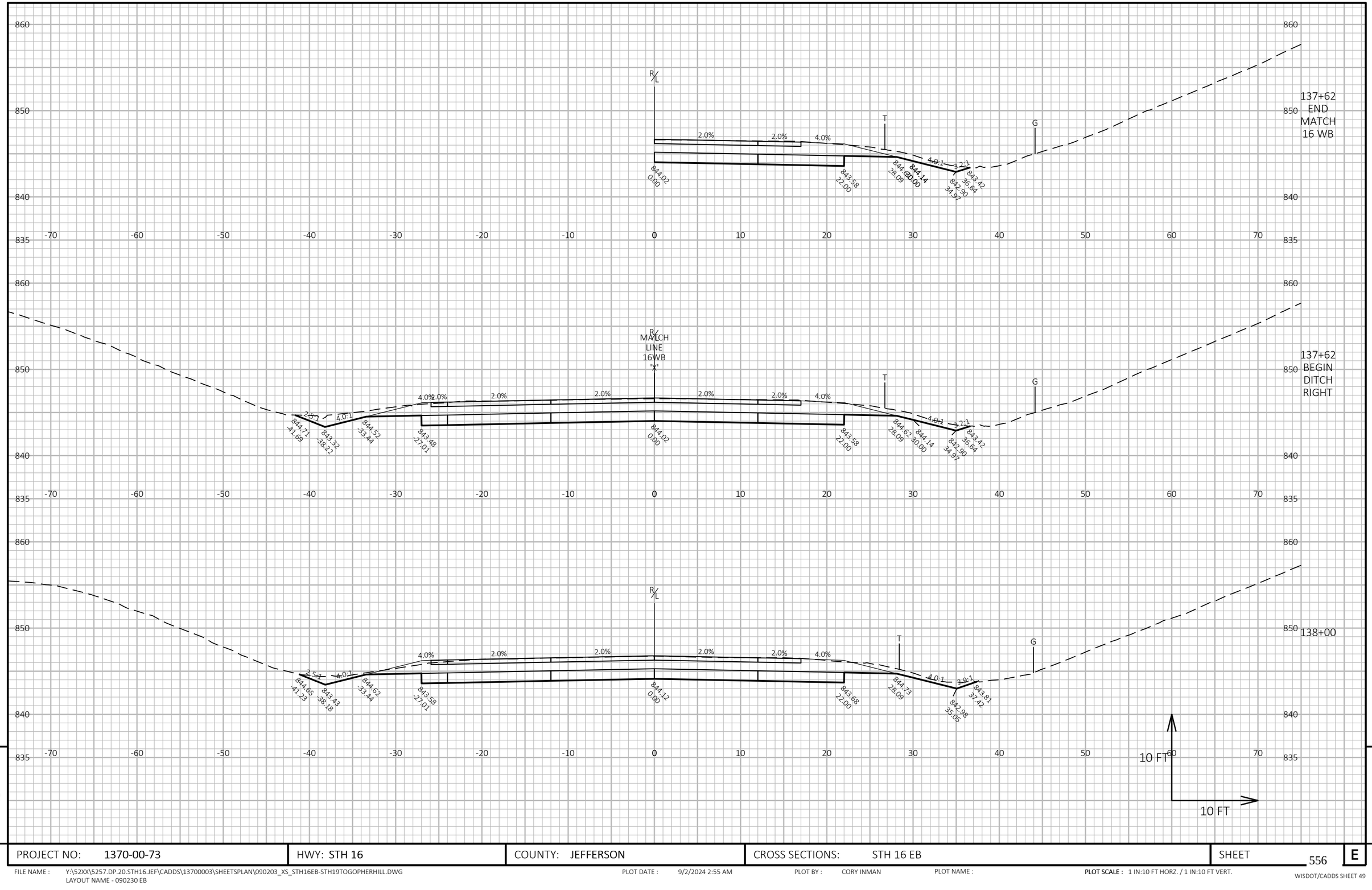
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 555	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090229 EB

PLOT DATE : 9/2/2024 2:55 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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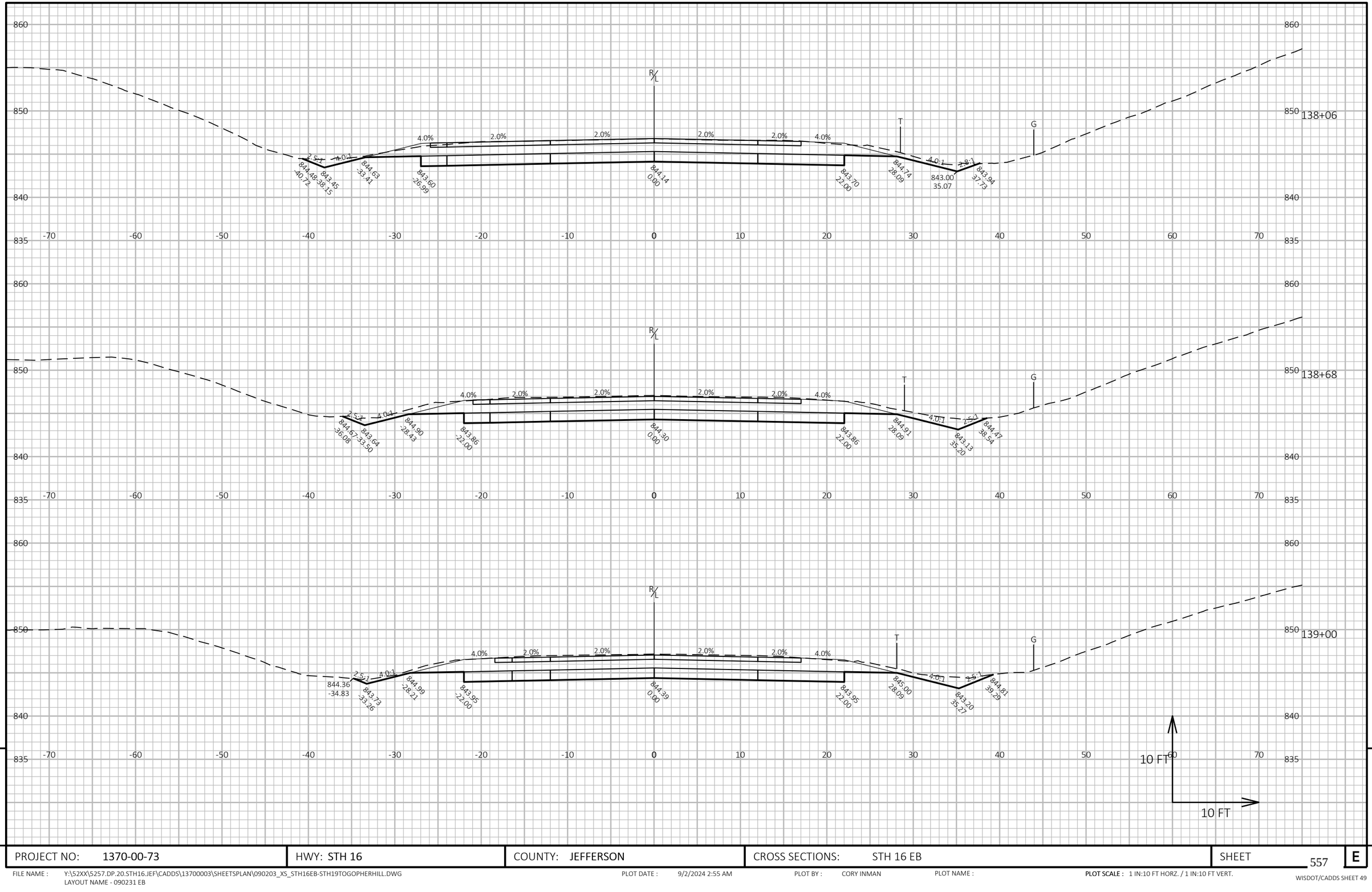
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 556	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090230 EB

PLOT DATE : 9/2/2024 2:55 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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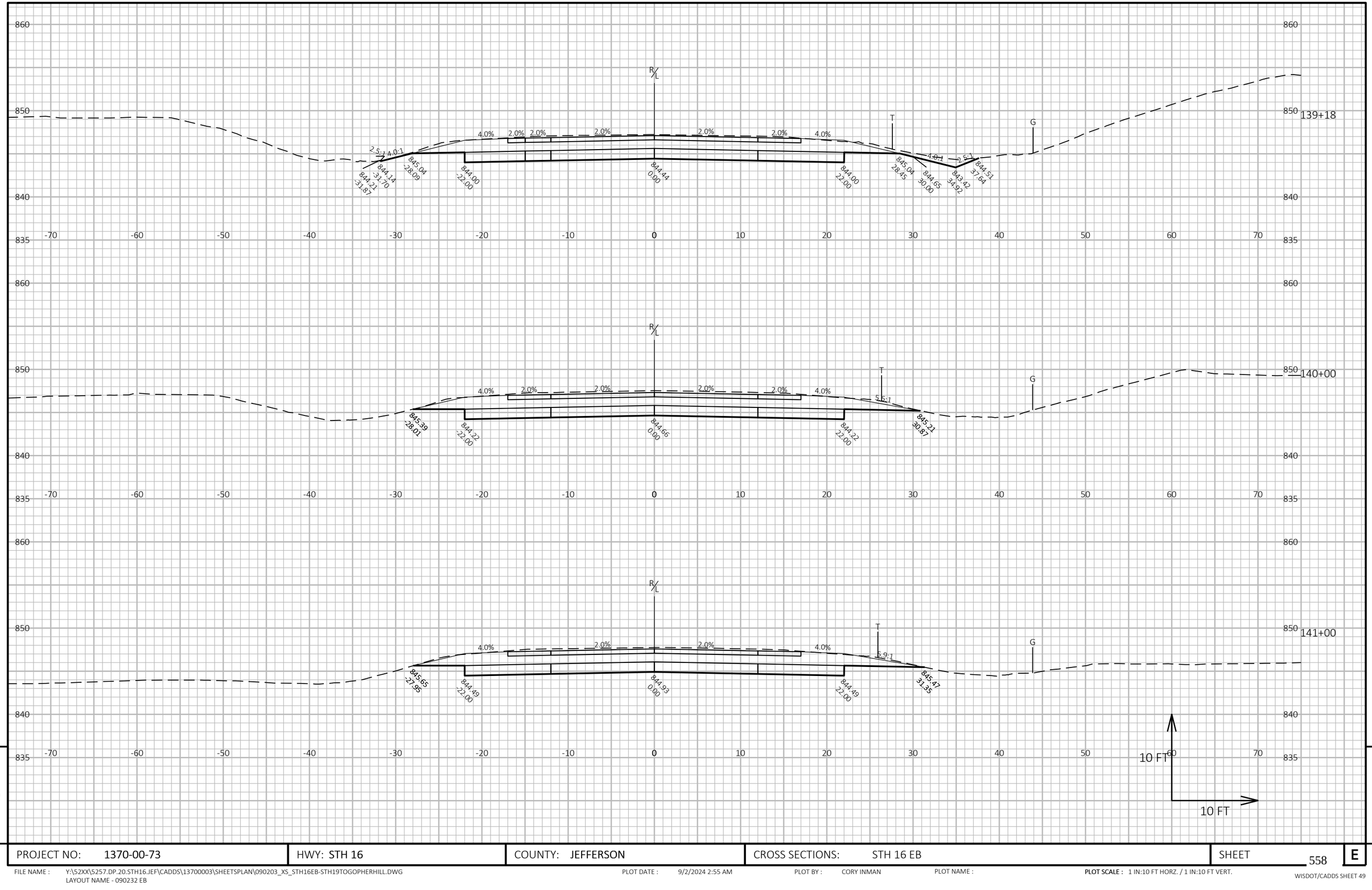
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 557	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090231 EB

PLOT DATE : 9/2/2024 2:55 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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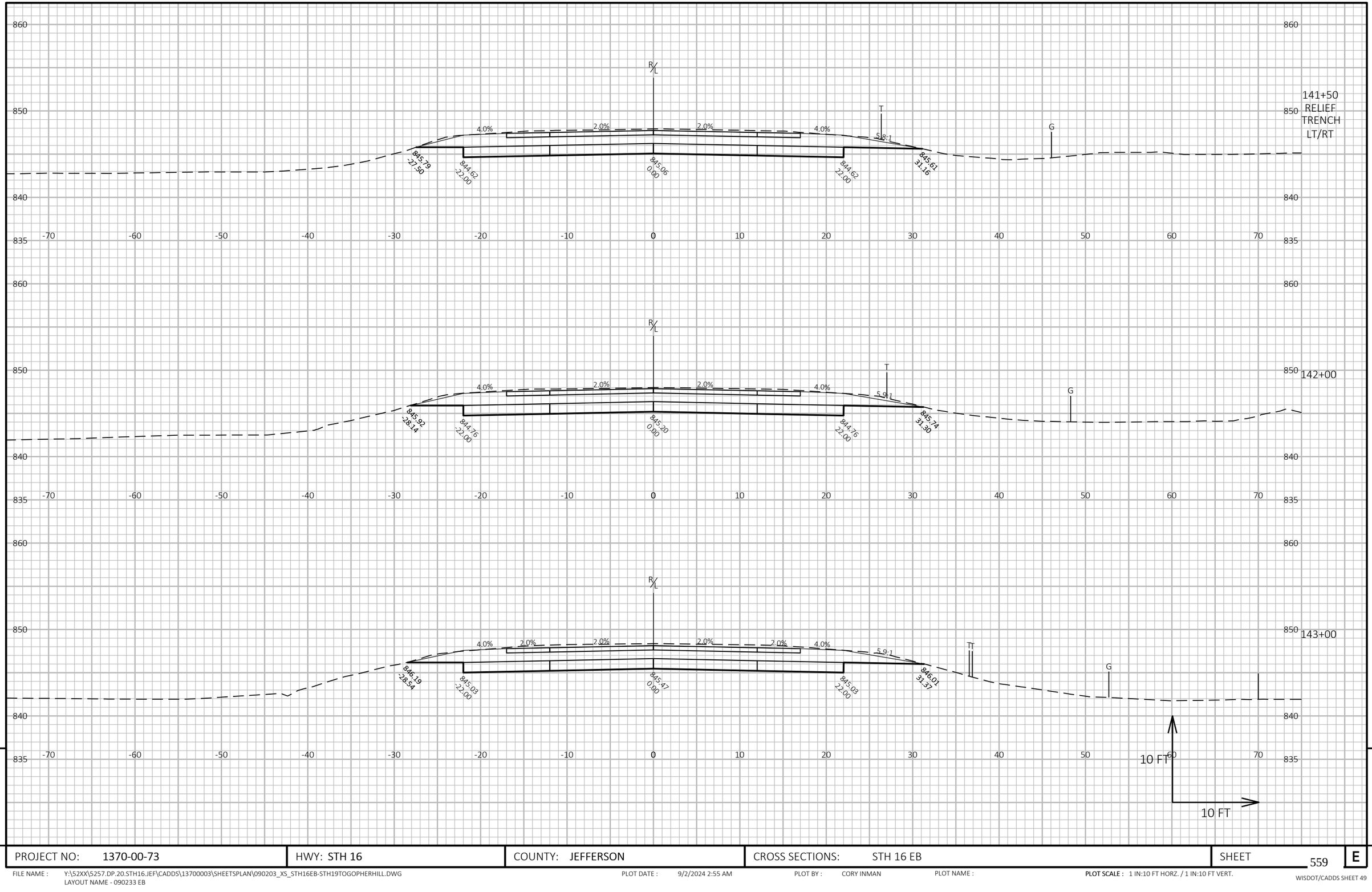
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 558	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090232 EB

PLOT DATE : 9/2/2024 2:55 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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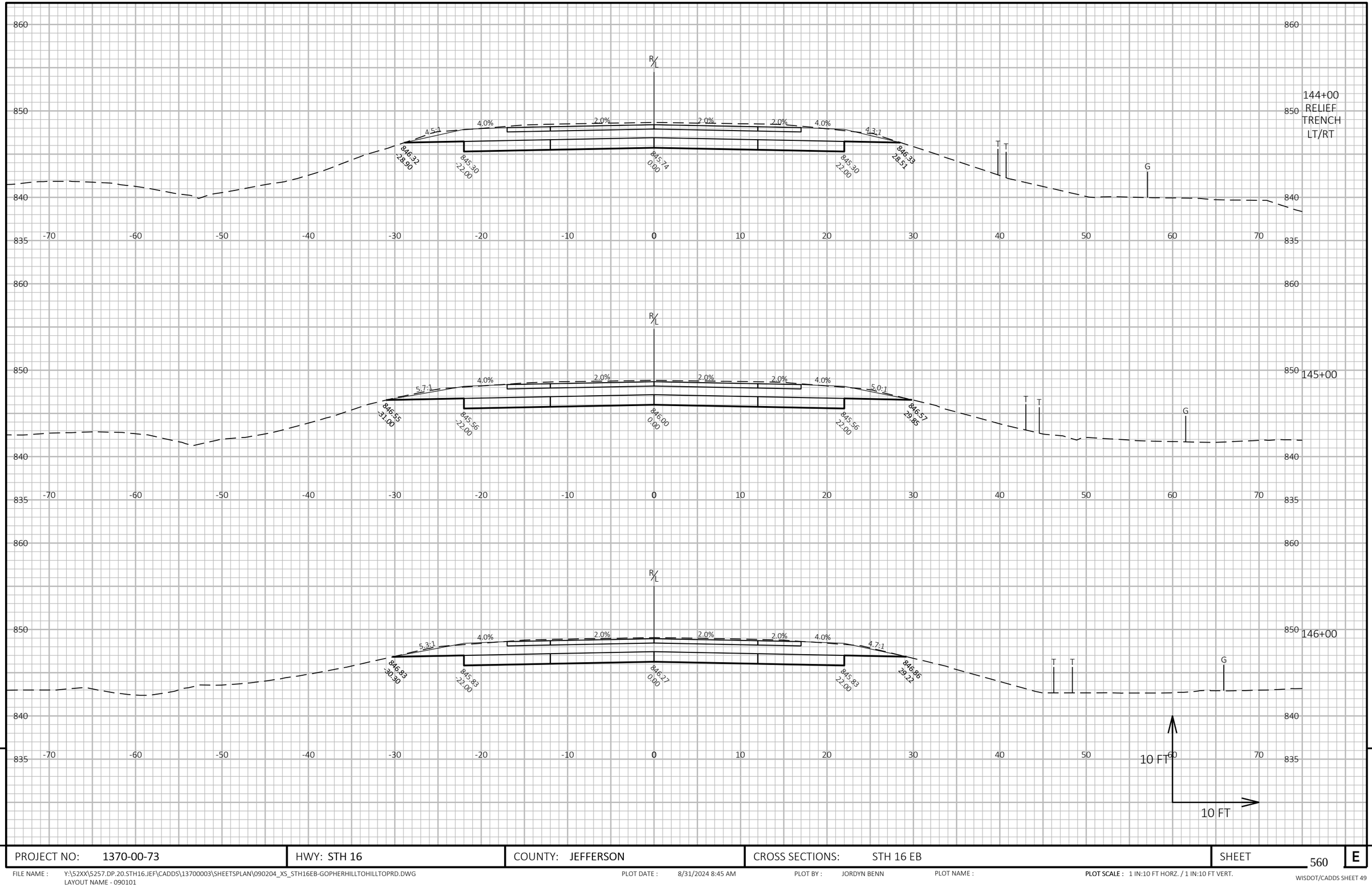
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 559	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090203_XS_STH16EB-STH19TOGOPHERHILL.DWG
LAYOUT NAME - 090233 EB

PLOT DATE : 9/2/2024 2:55 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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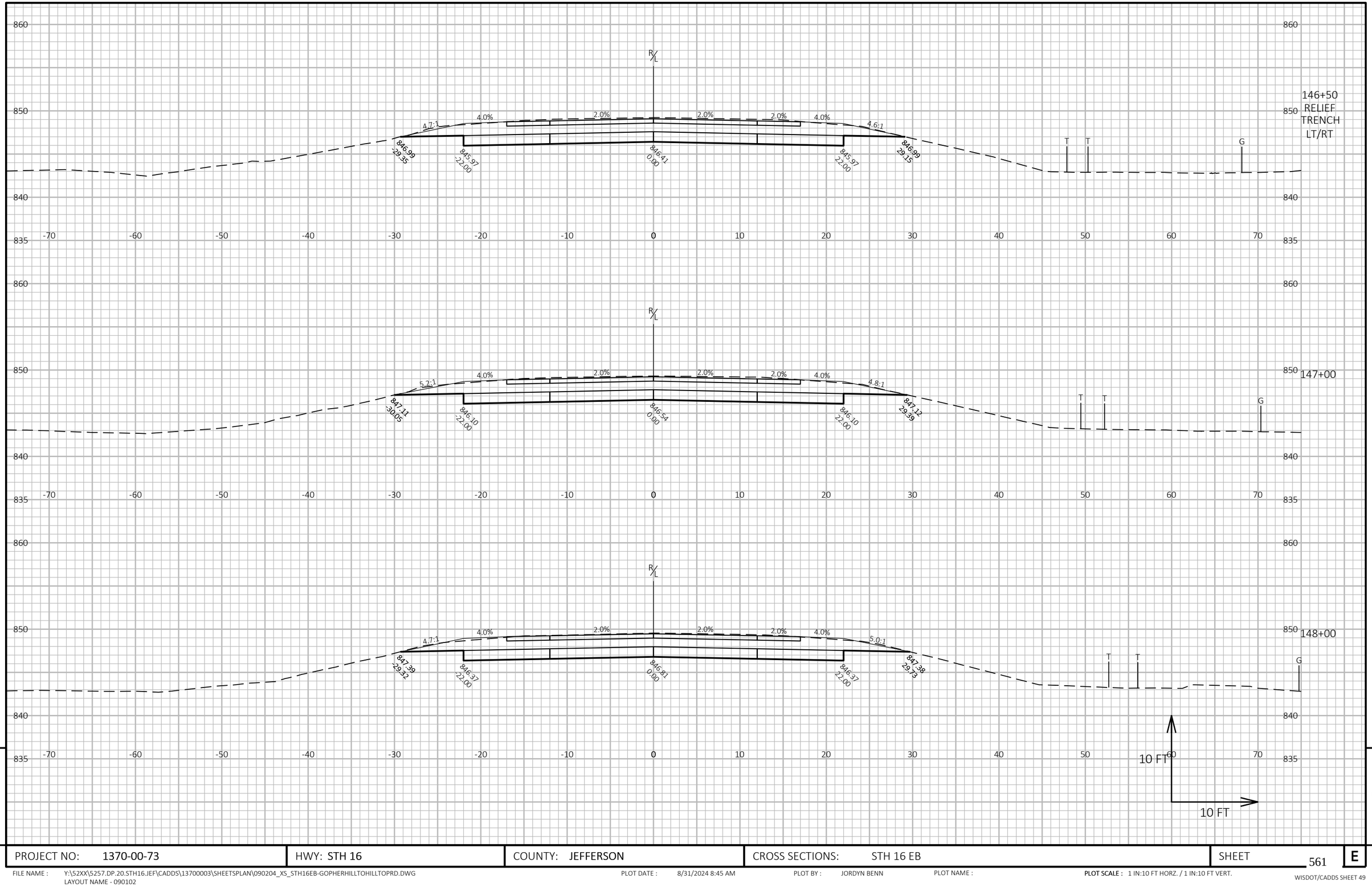
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 560	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090101

PLOT DATE : 8/31/2024 8:45 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

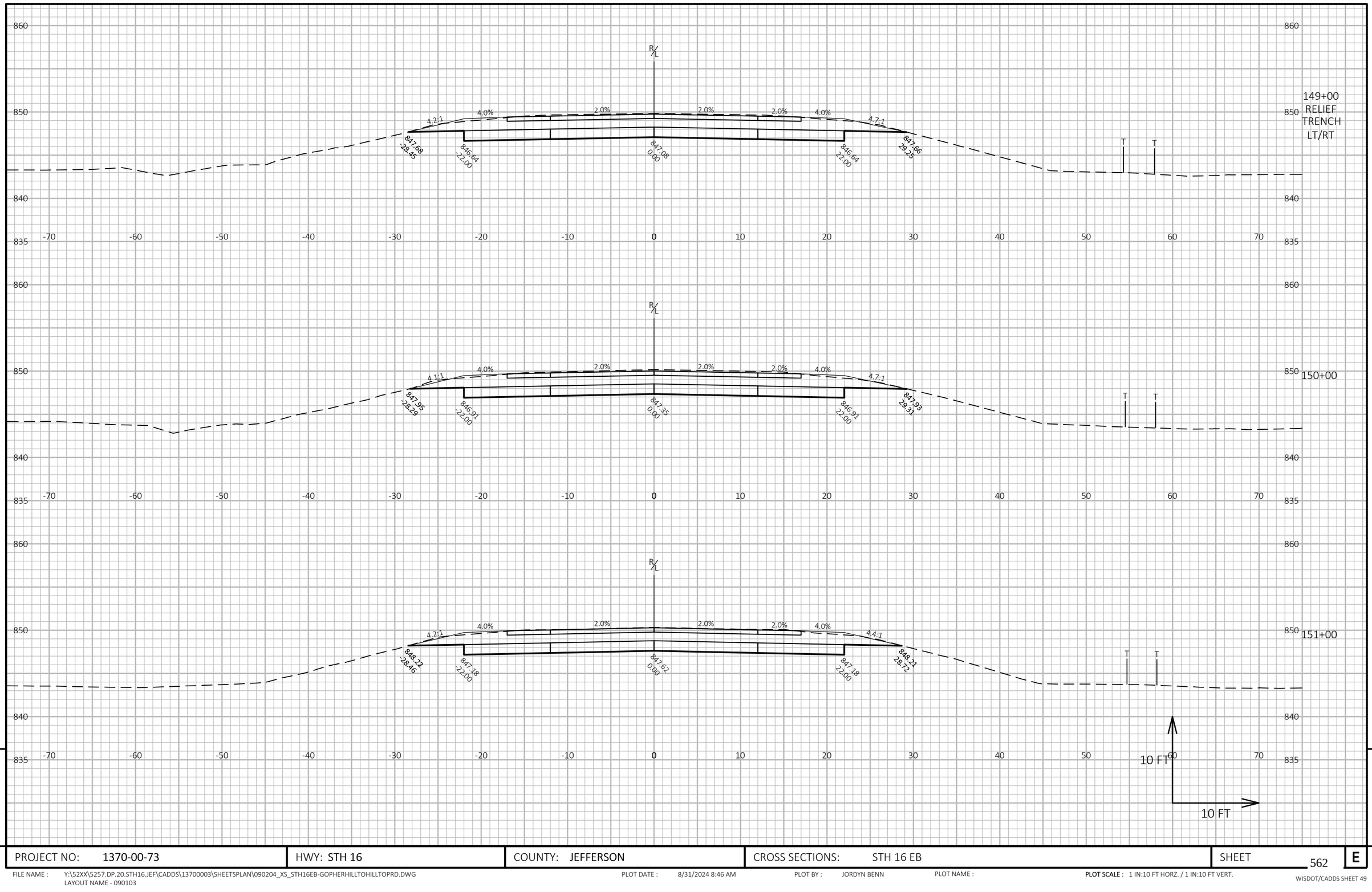
WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 561	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090102

PLOT DATE : 8/31/2024 8:45 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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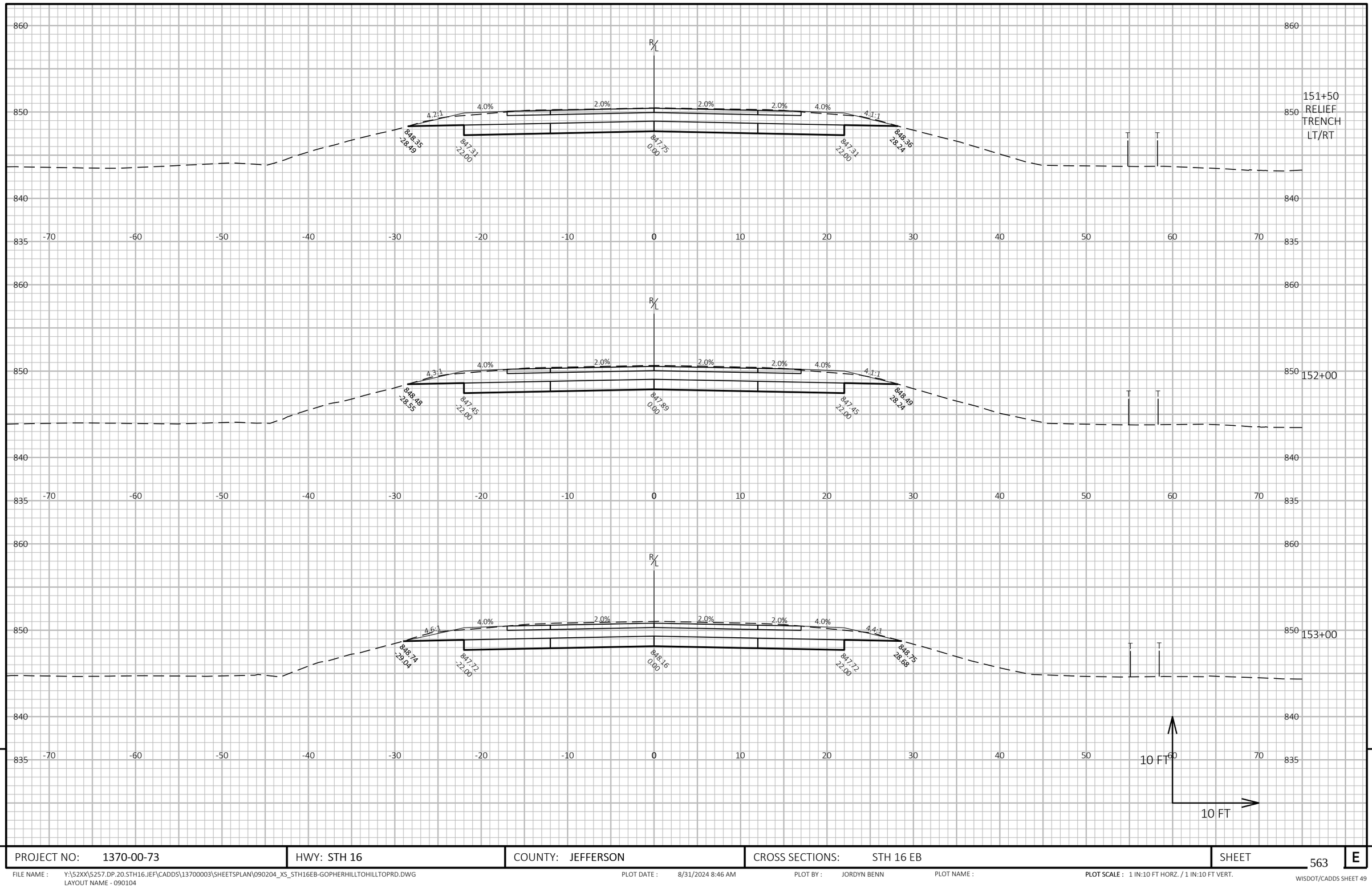
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 562	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090103

PLOT DATE : 8/31/2024 8:46 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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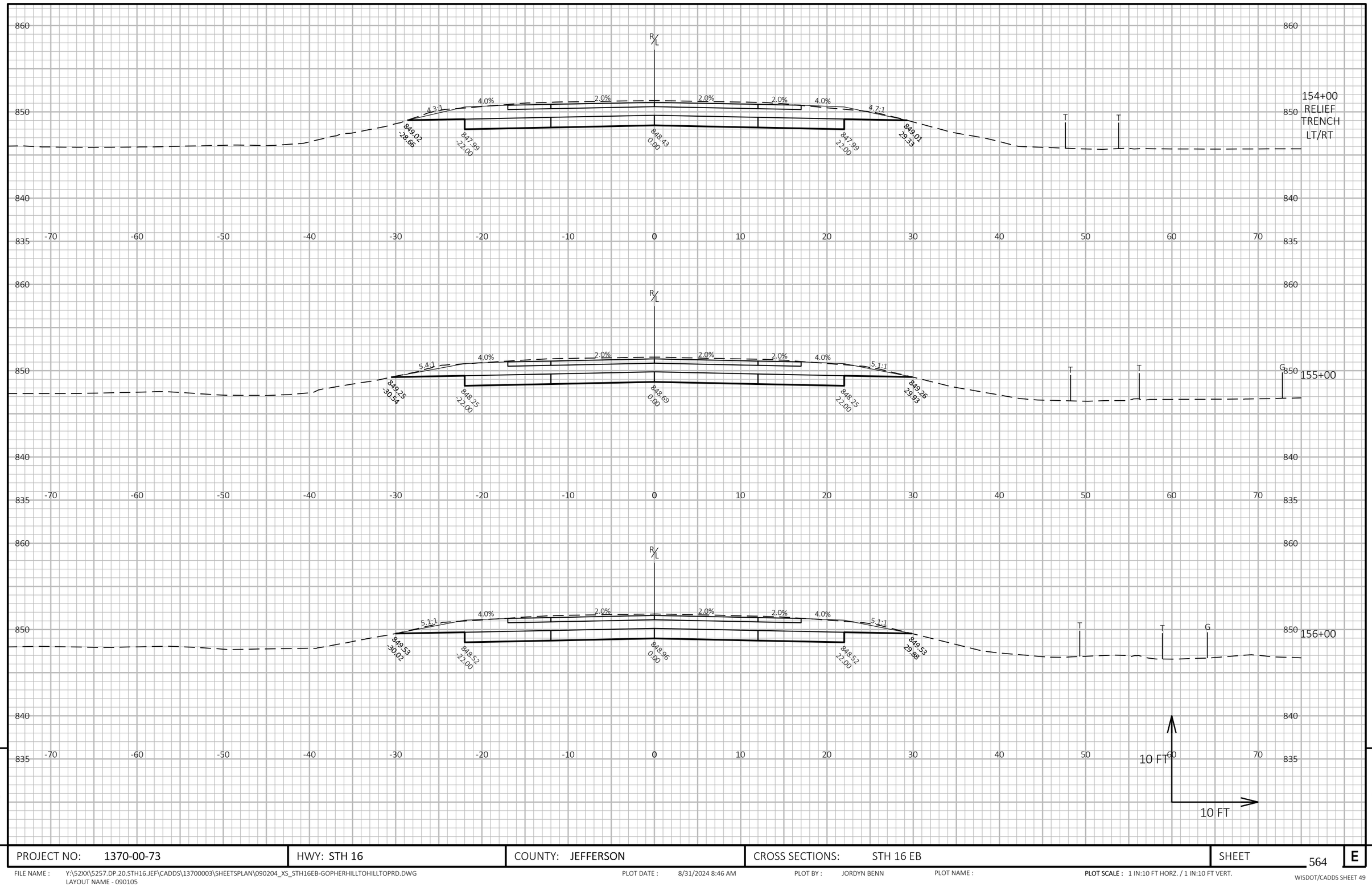
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 563	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090104

PLOT DATE : 8/31/2024 8:46 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

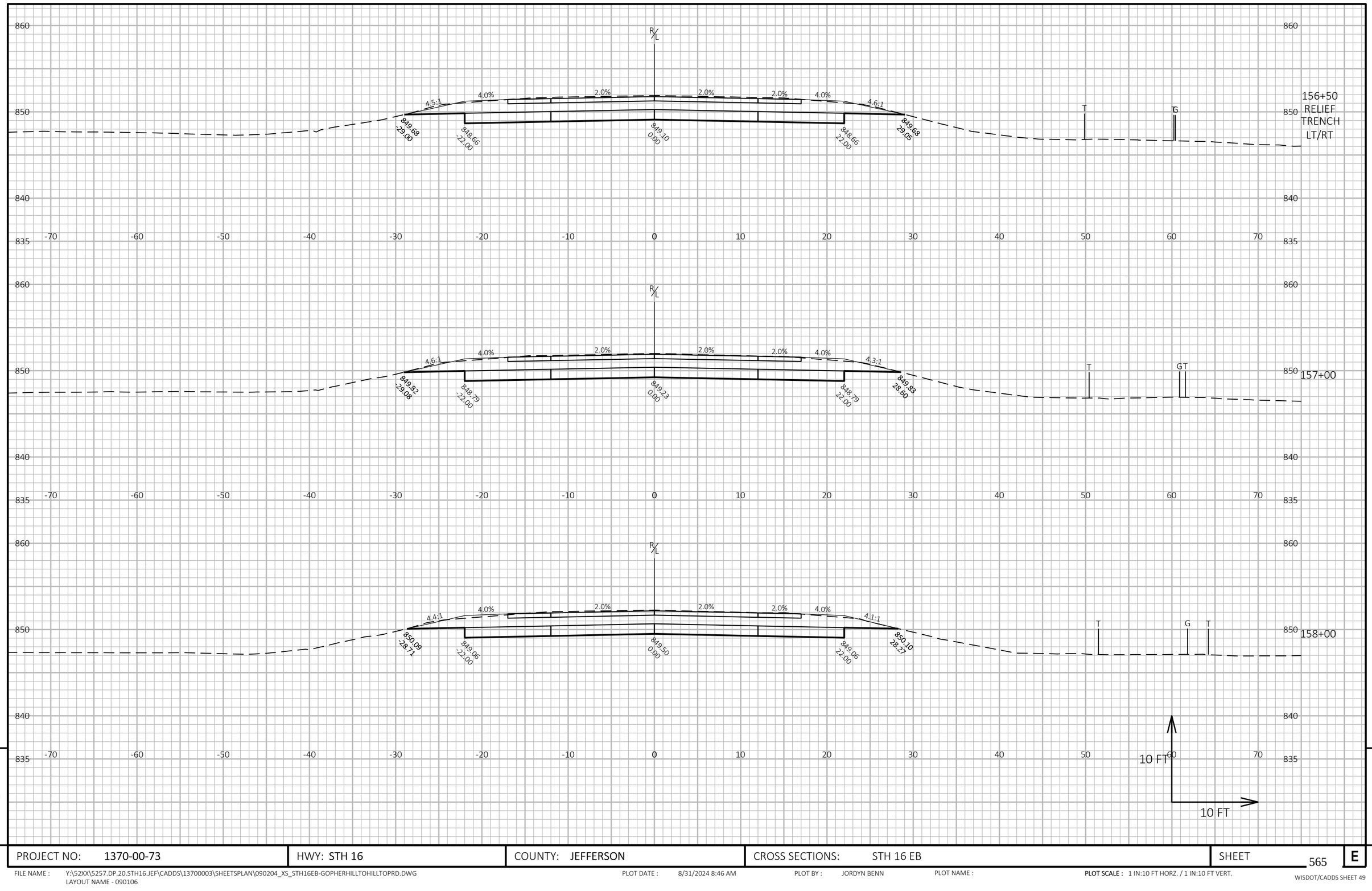


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 564 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090105

PLOT DATE : 8/31/2024 8:46 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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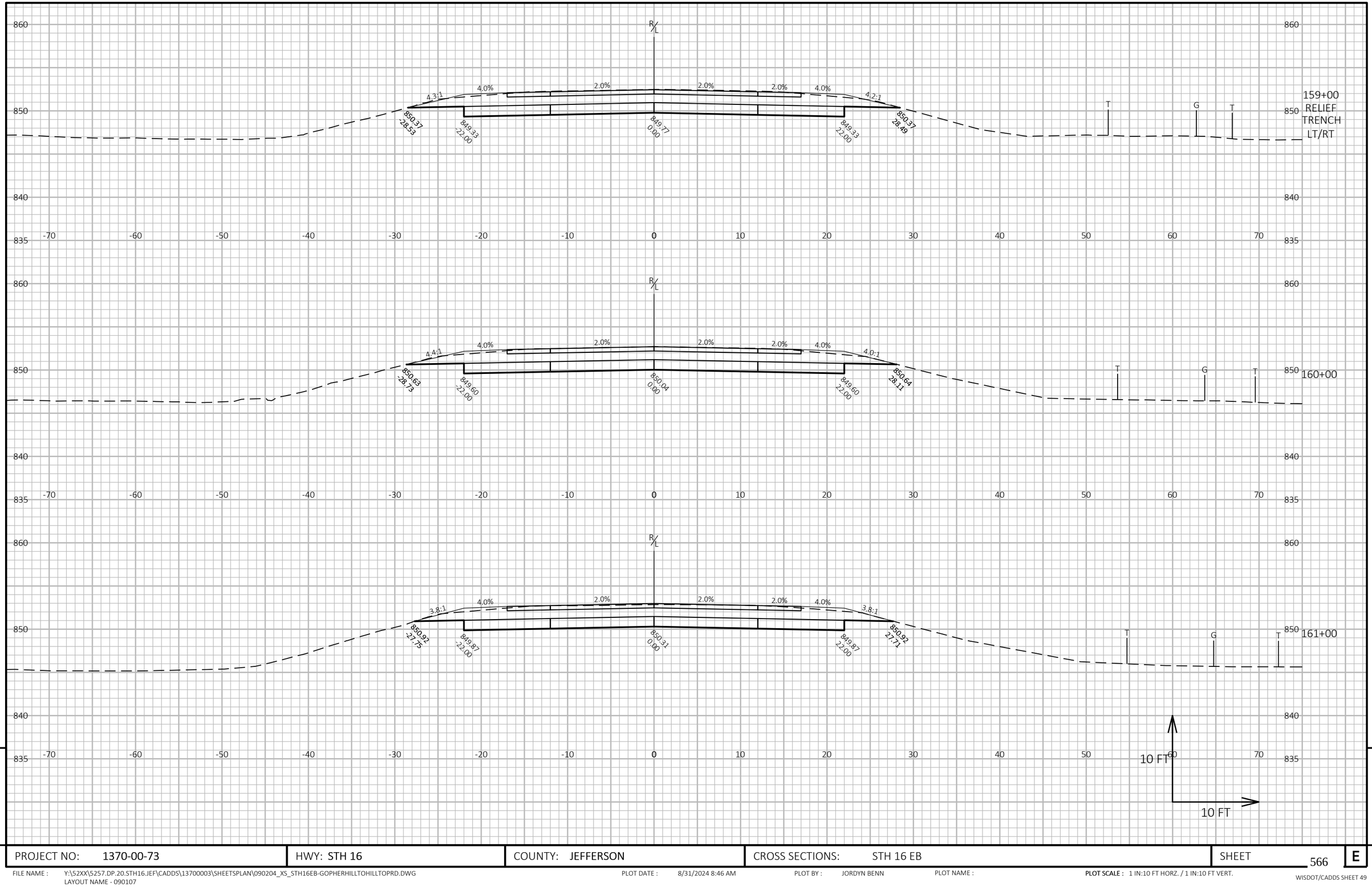
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 565	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090106

PLOT DATE : 8/31/2024 8:46 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 566	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090107

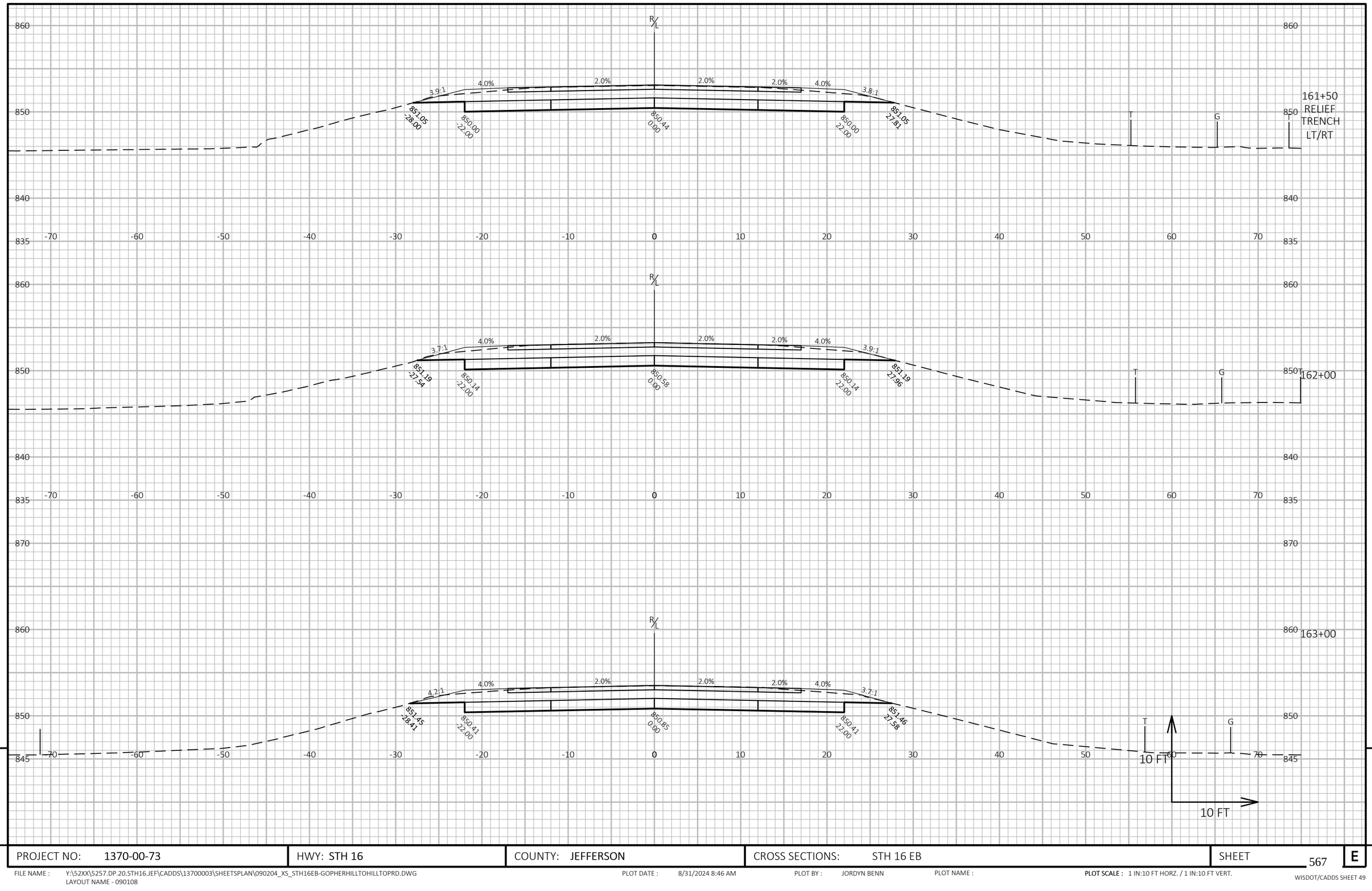
PLOT DATE : 8/31/2024 8:46 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

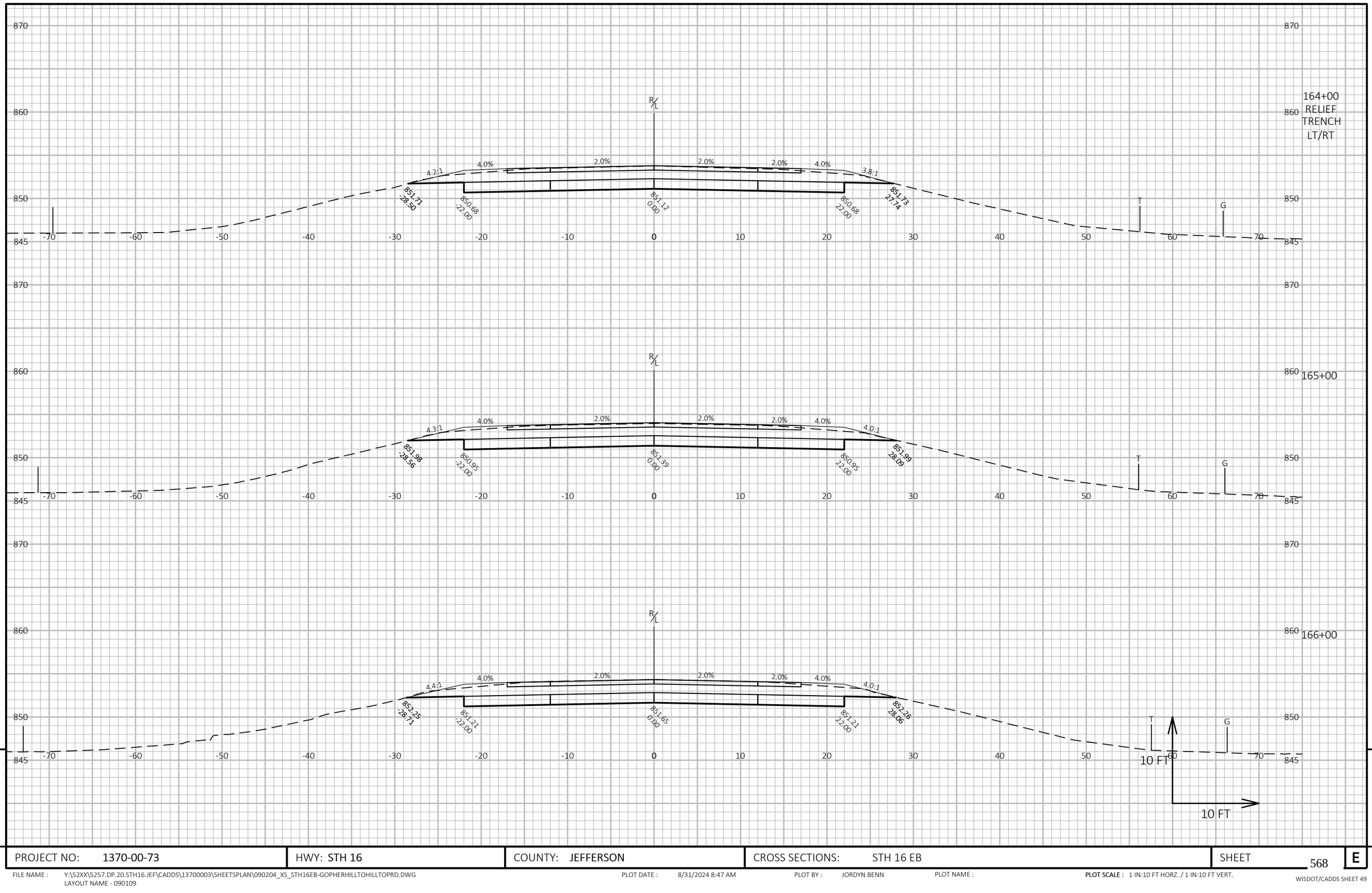


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 567	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090108

PLOT DATE : 8/31/2024 8:46 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 568	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090109

PLOT DATE : 8/31/2024 8:47 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9

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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 569	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090110

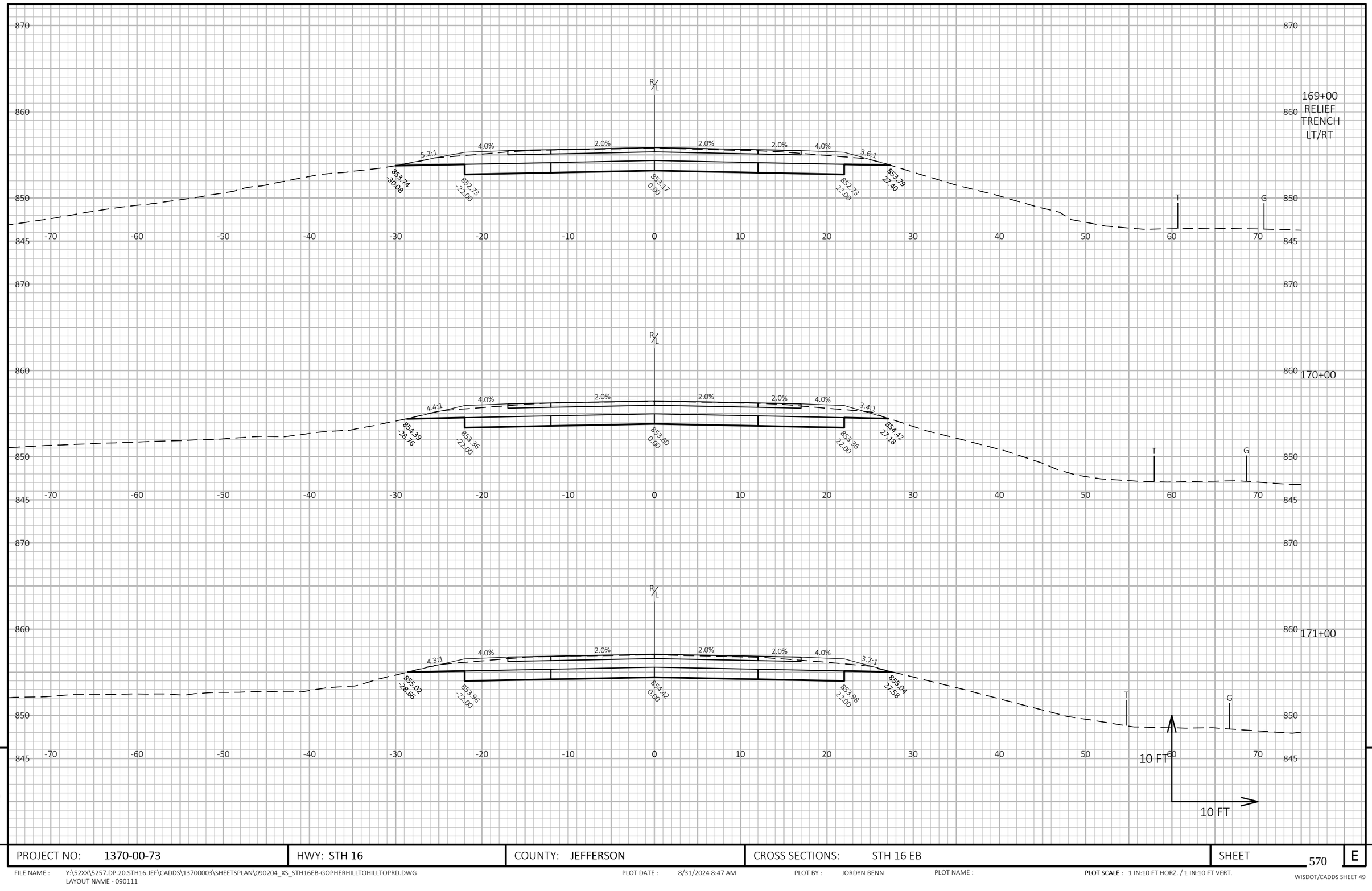
PLOT DATE : 8/31/2024 8:47 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

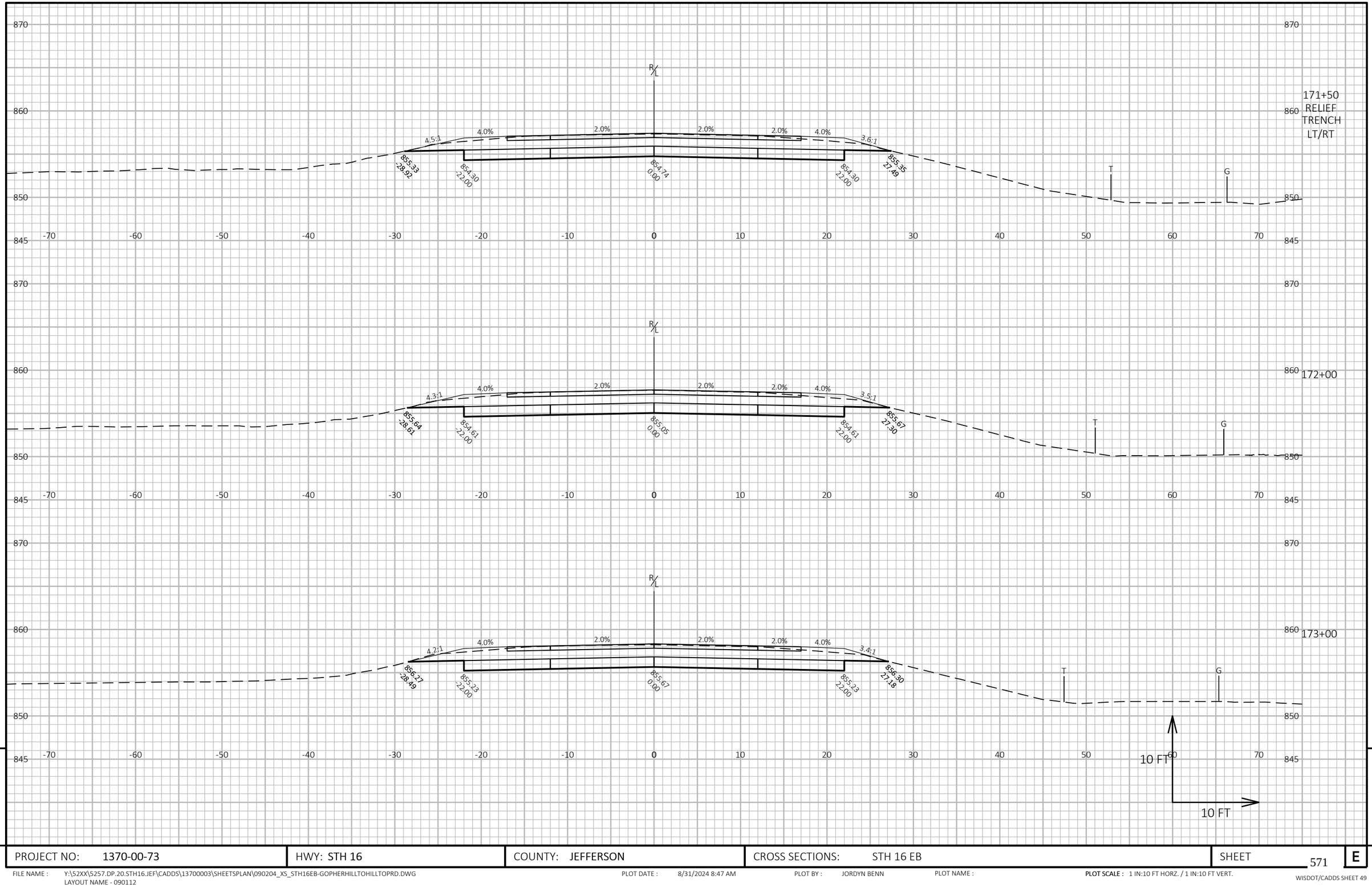
WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 570	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090111

PLOT DATE : 8/31/2024 8:47 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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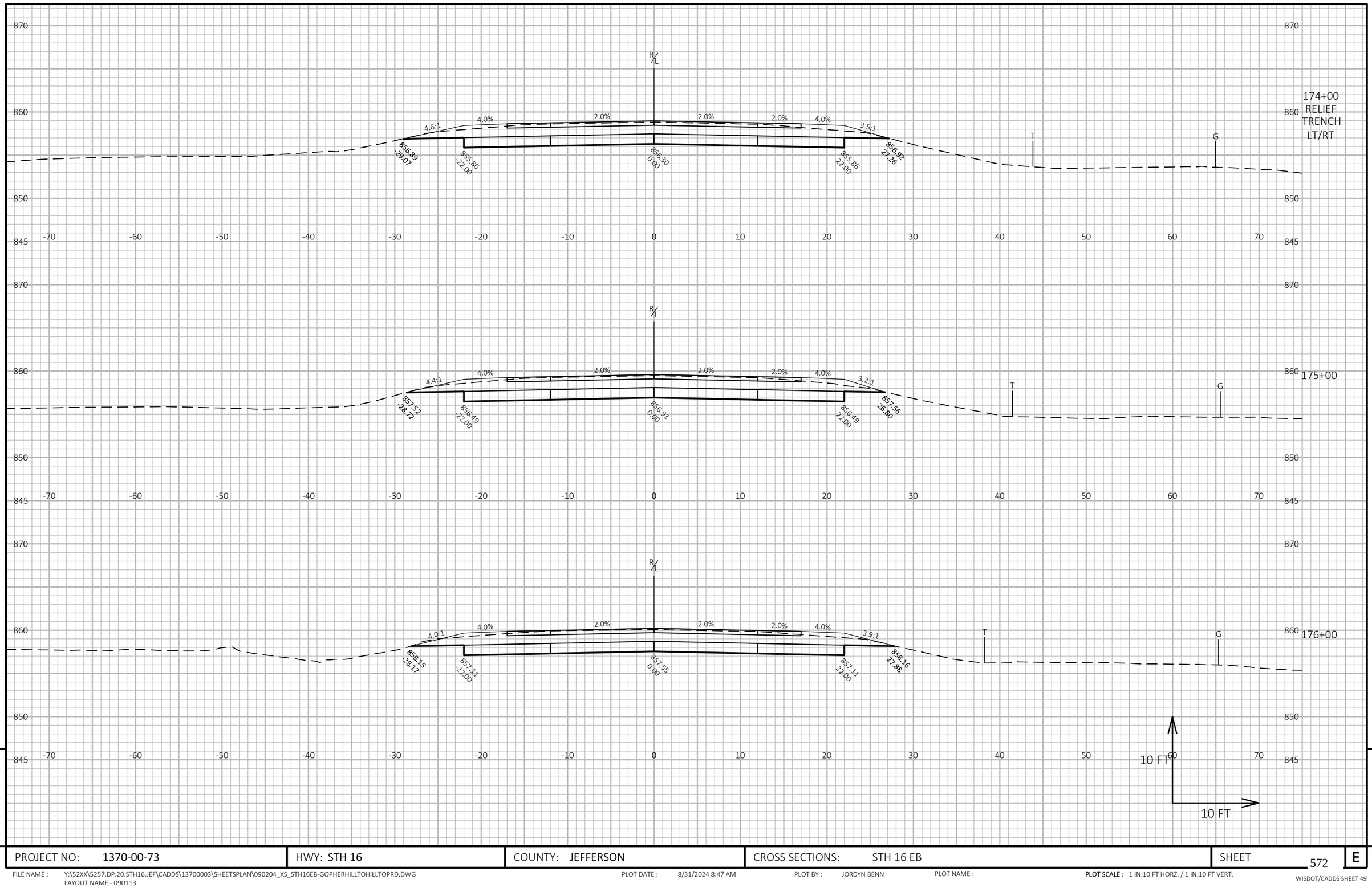
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 571	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090112

PLOT DATE : 8/31/2024 8:47 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

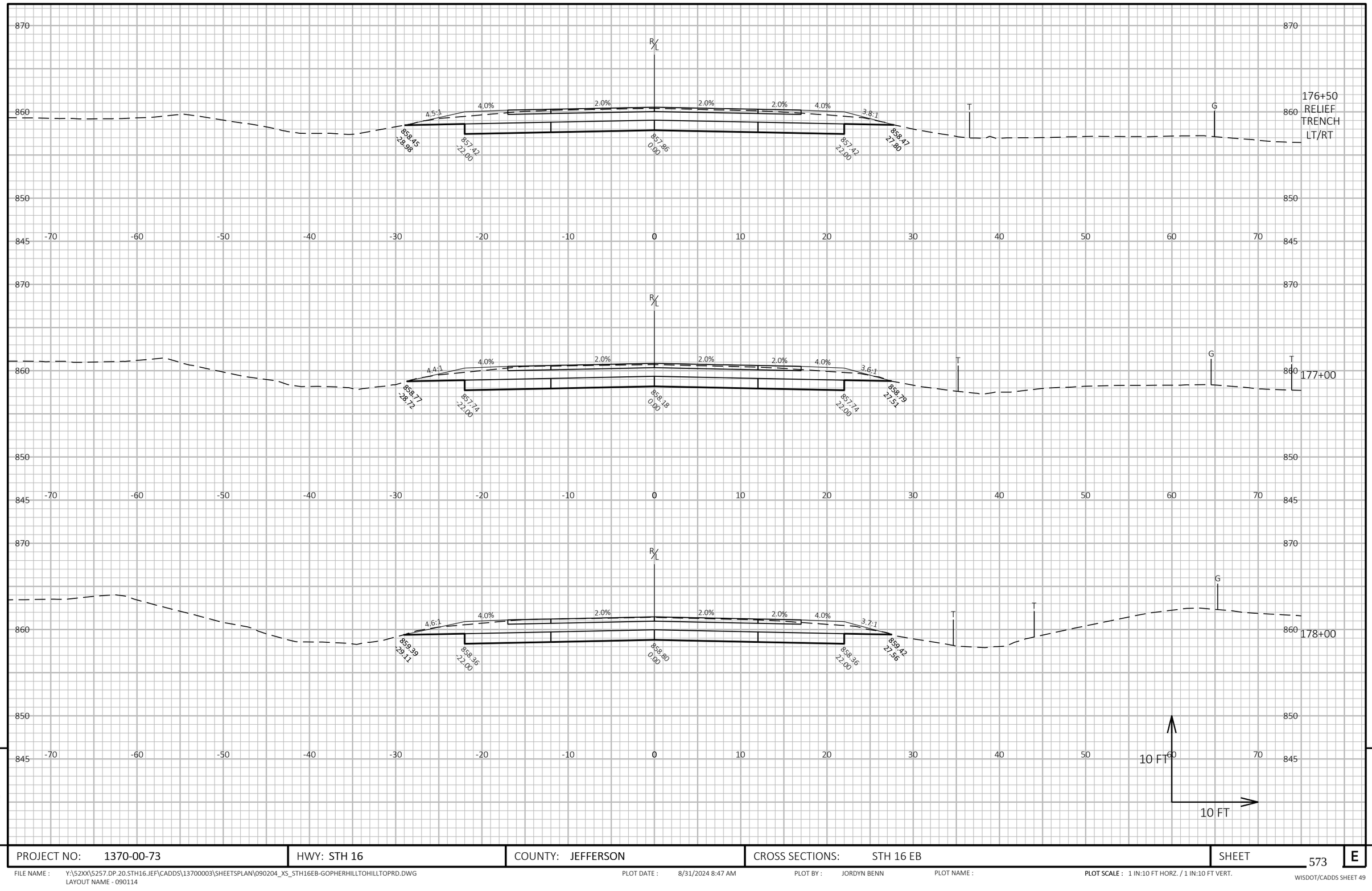


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 572	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090113

PLOT DATE : 8/31/2024 8:47 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

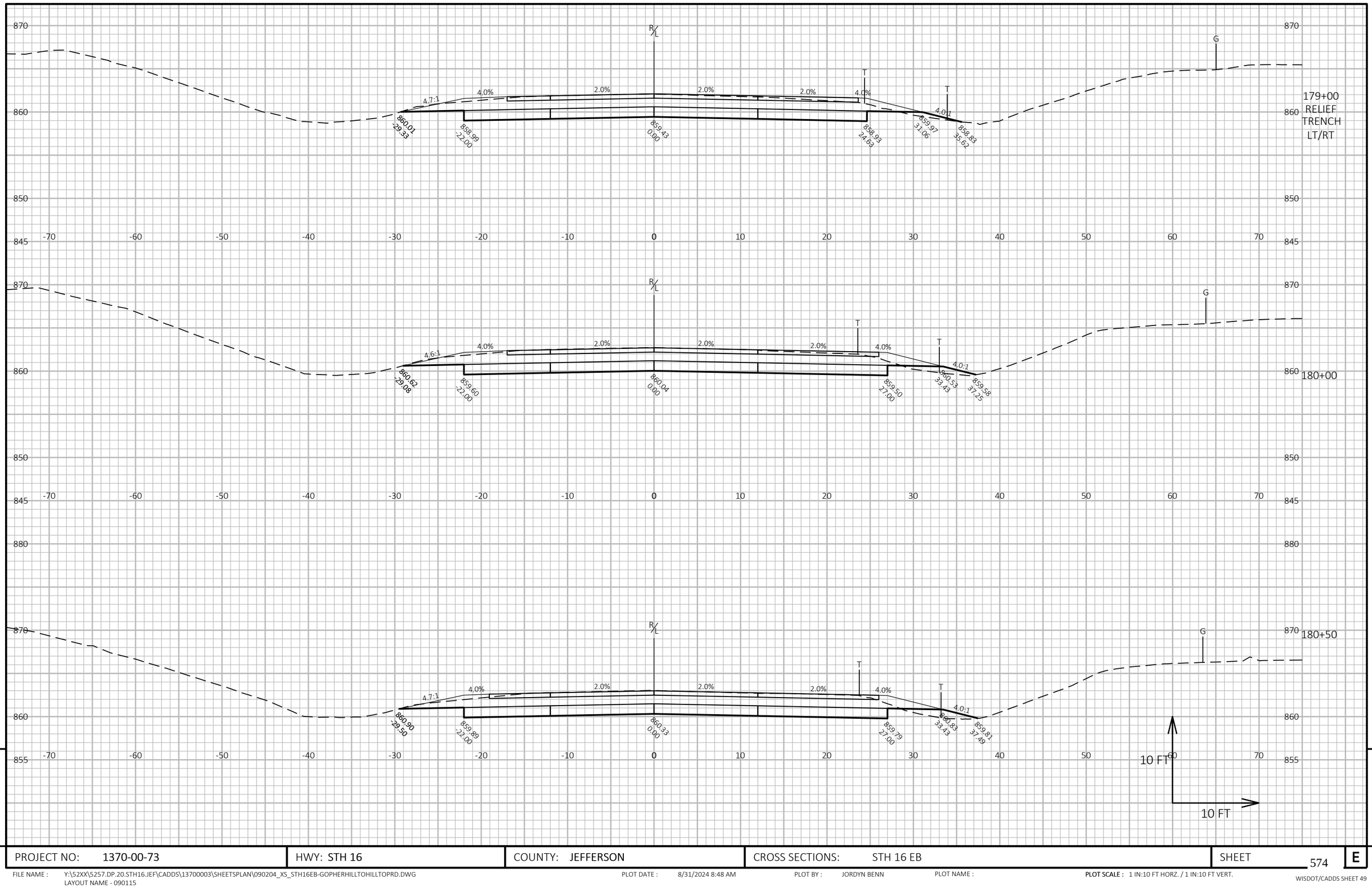


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 573	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090114

PLOT DATE : 8/31/2024 8:47 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 574	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090115

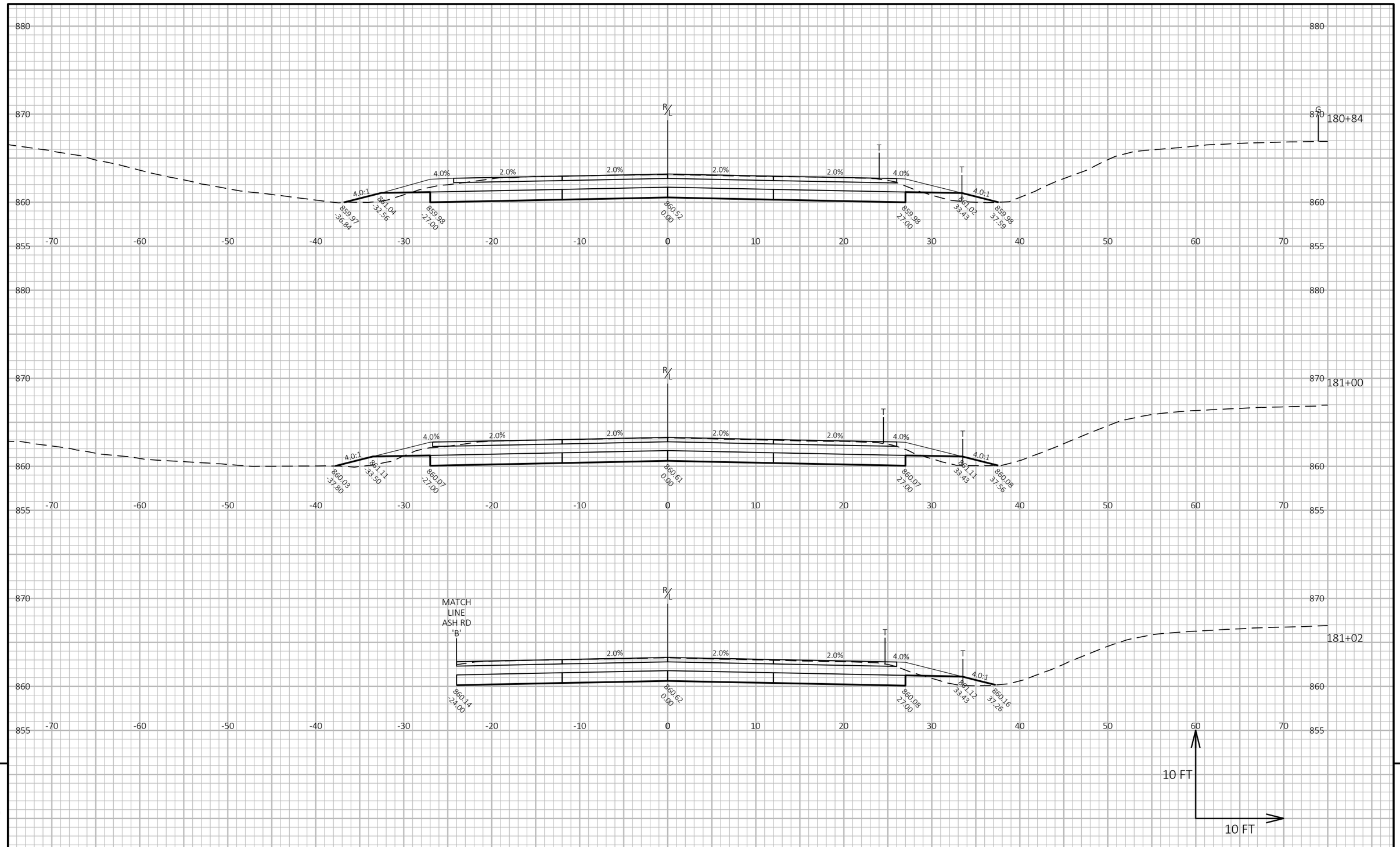
PLOT DATE : 8/31/2024 8:48 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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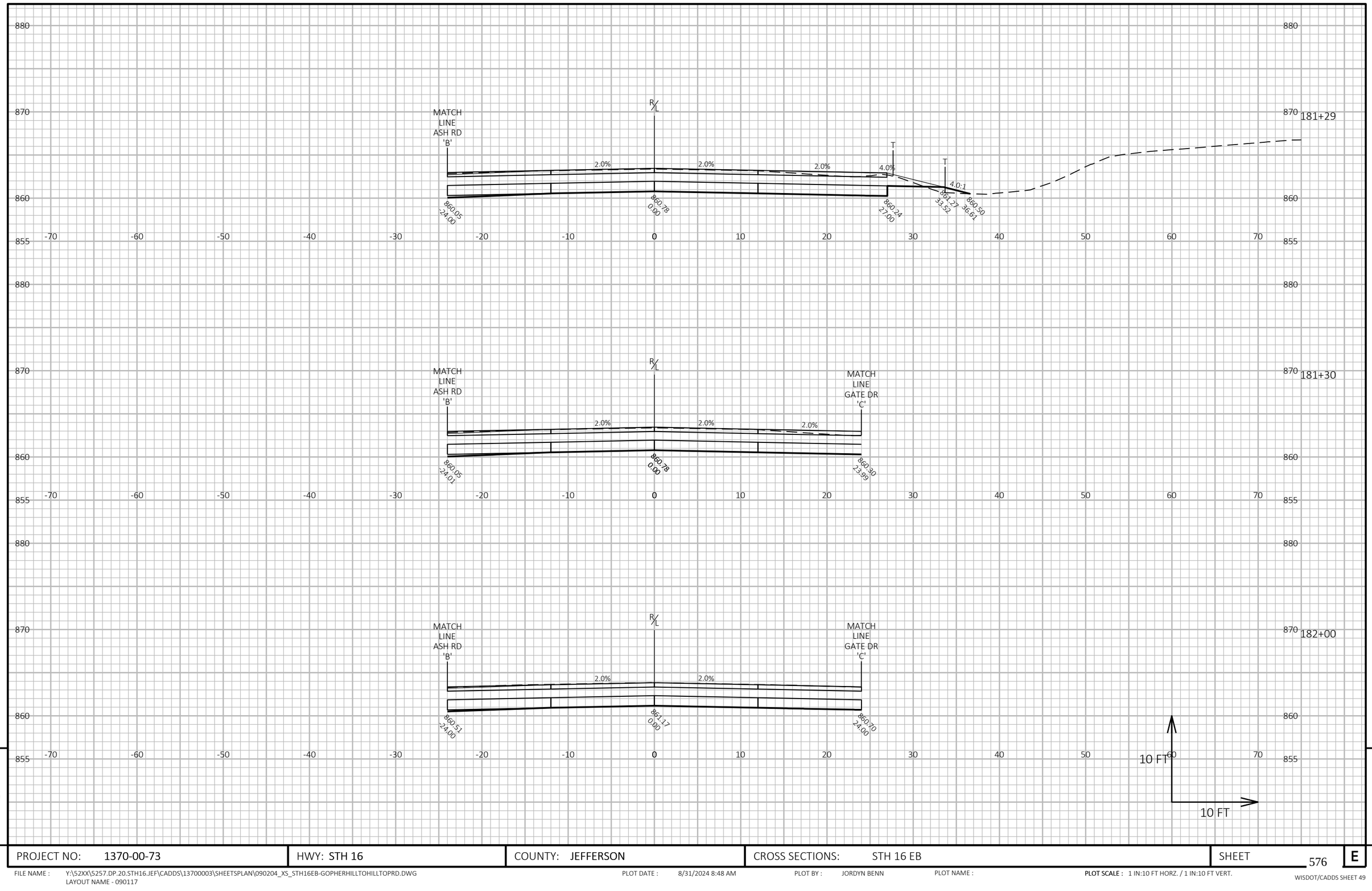
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 575	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090116

PLOT DATE : 8/31/2024 8:48 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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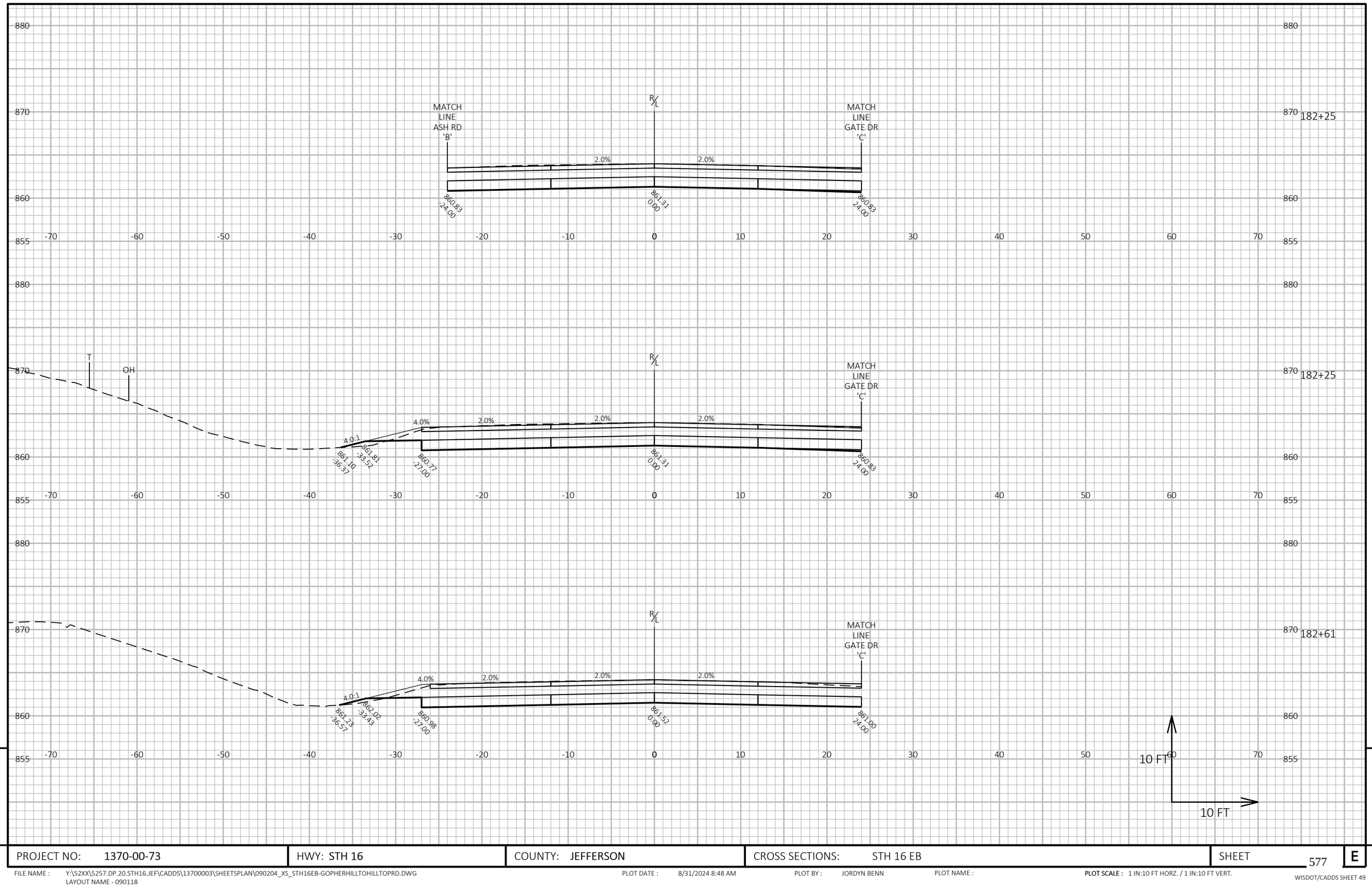
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 576	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090117

PLOT DATE : 8/31/2024 8:48 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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9

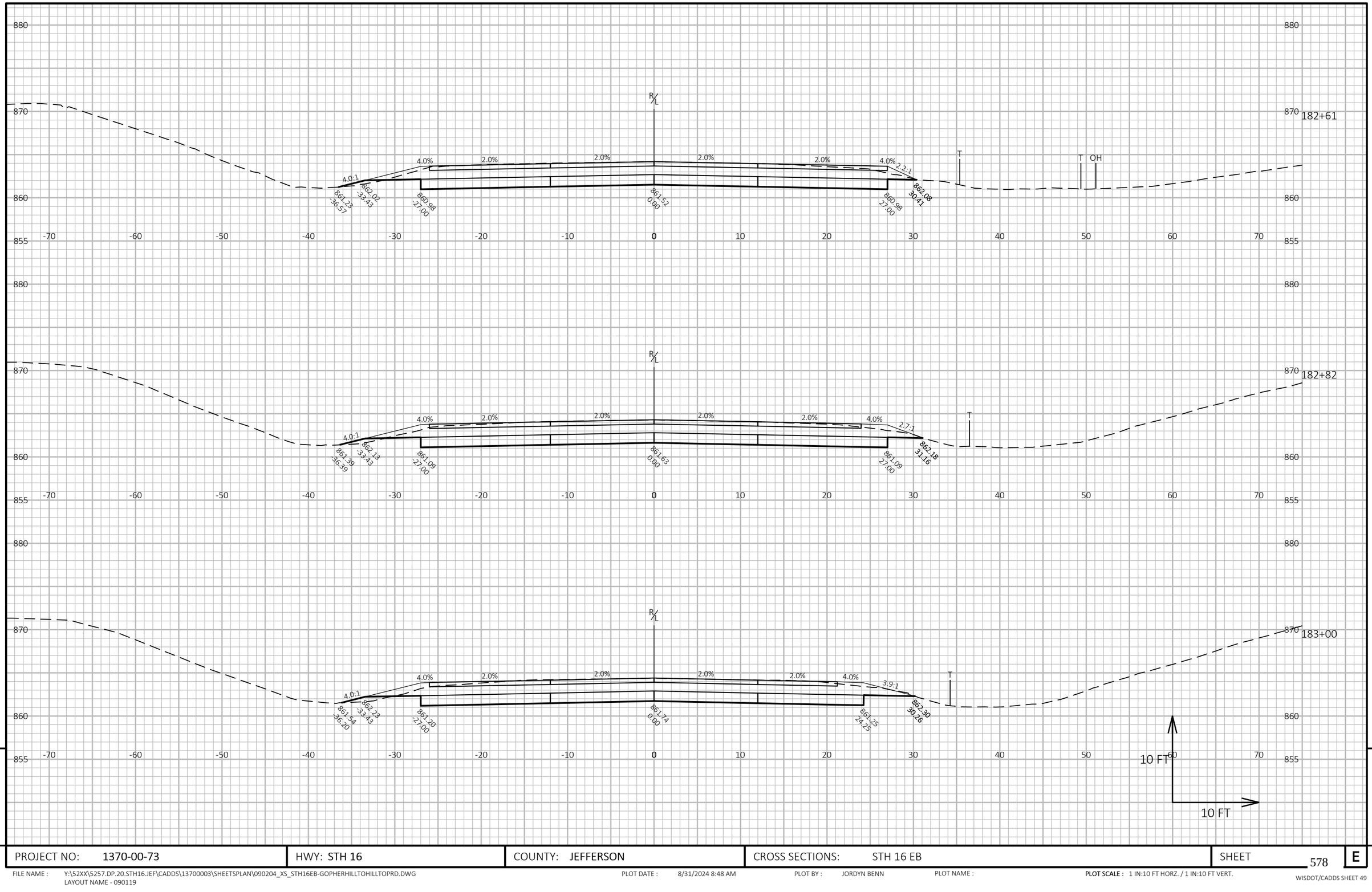
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 577	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090118

PLOT DATE : 8/31/2024 8:48 AM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 578	E

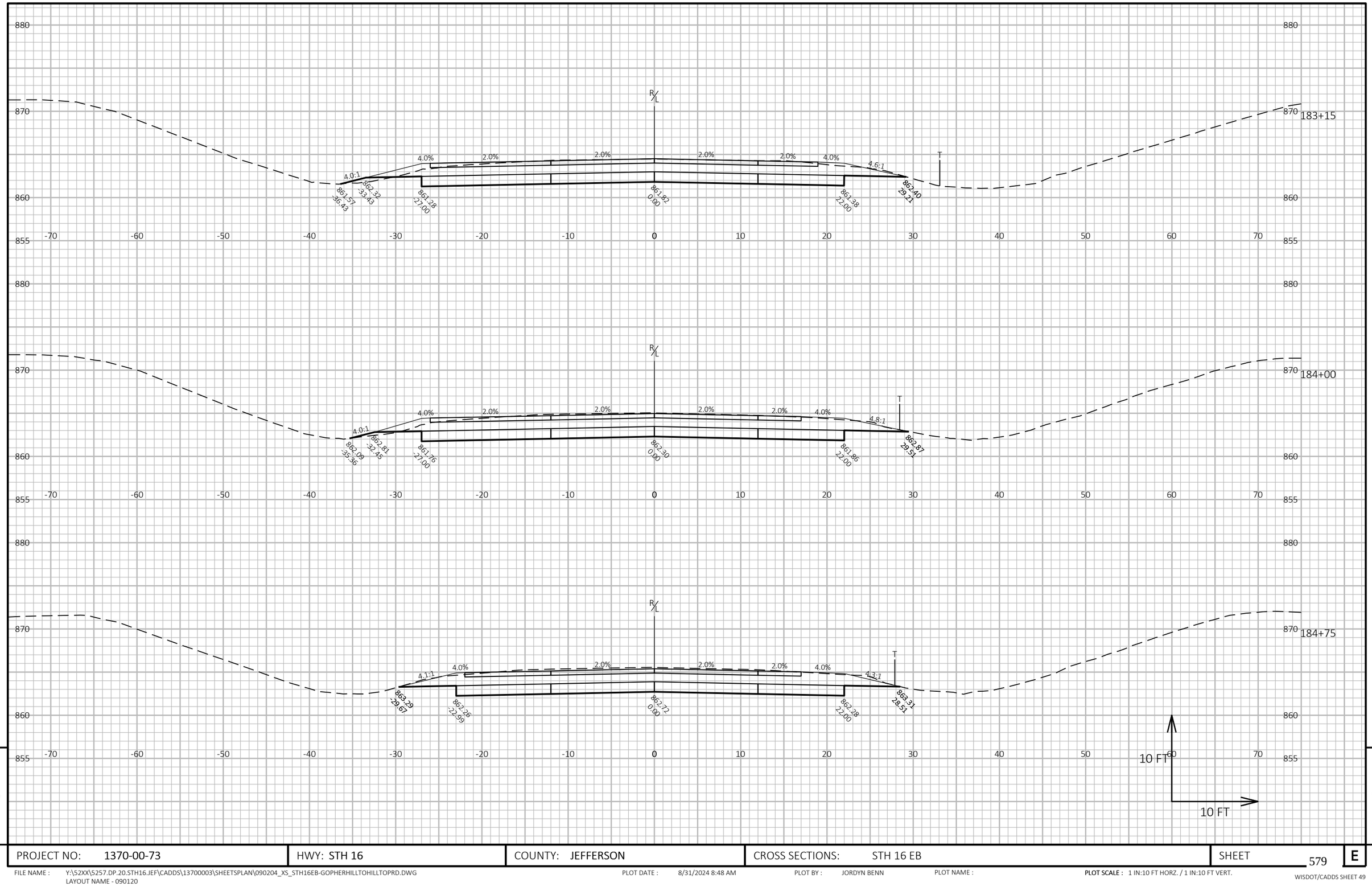
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090119

PLOT DATE : 8/31/2024 8:48 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 579	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090120

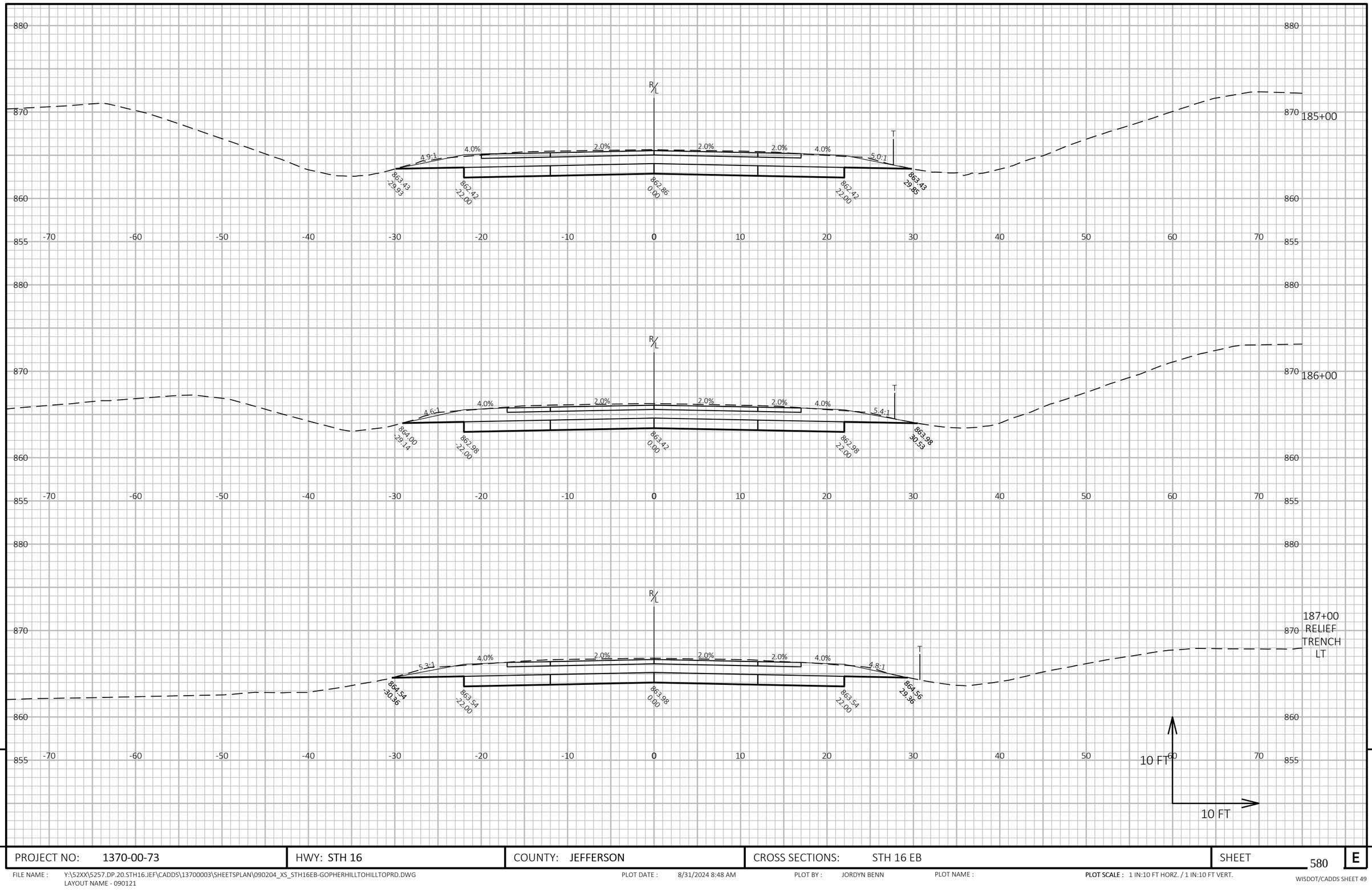
PLOT DATE : 8/31/2024 8:48 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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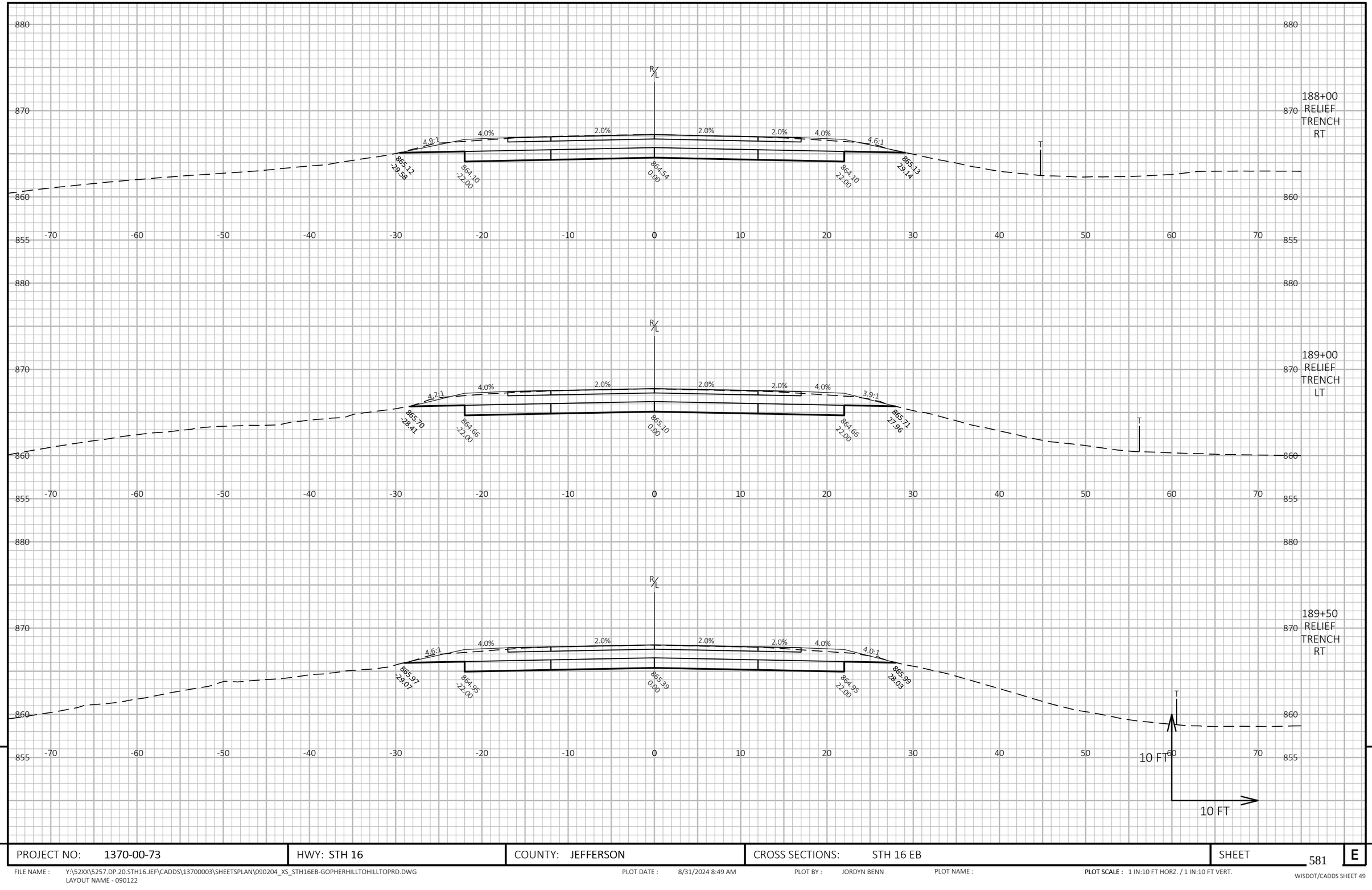
9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 580	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090121

PLOT DATE : 8/31/2024 8:48 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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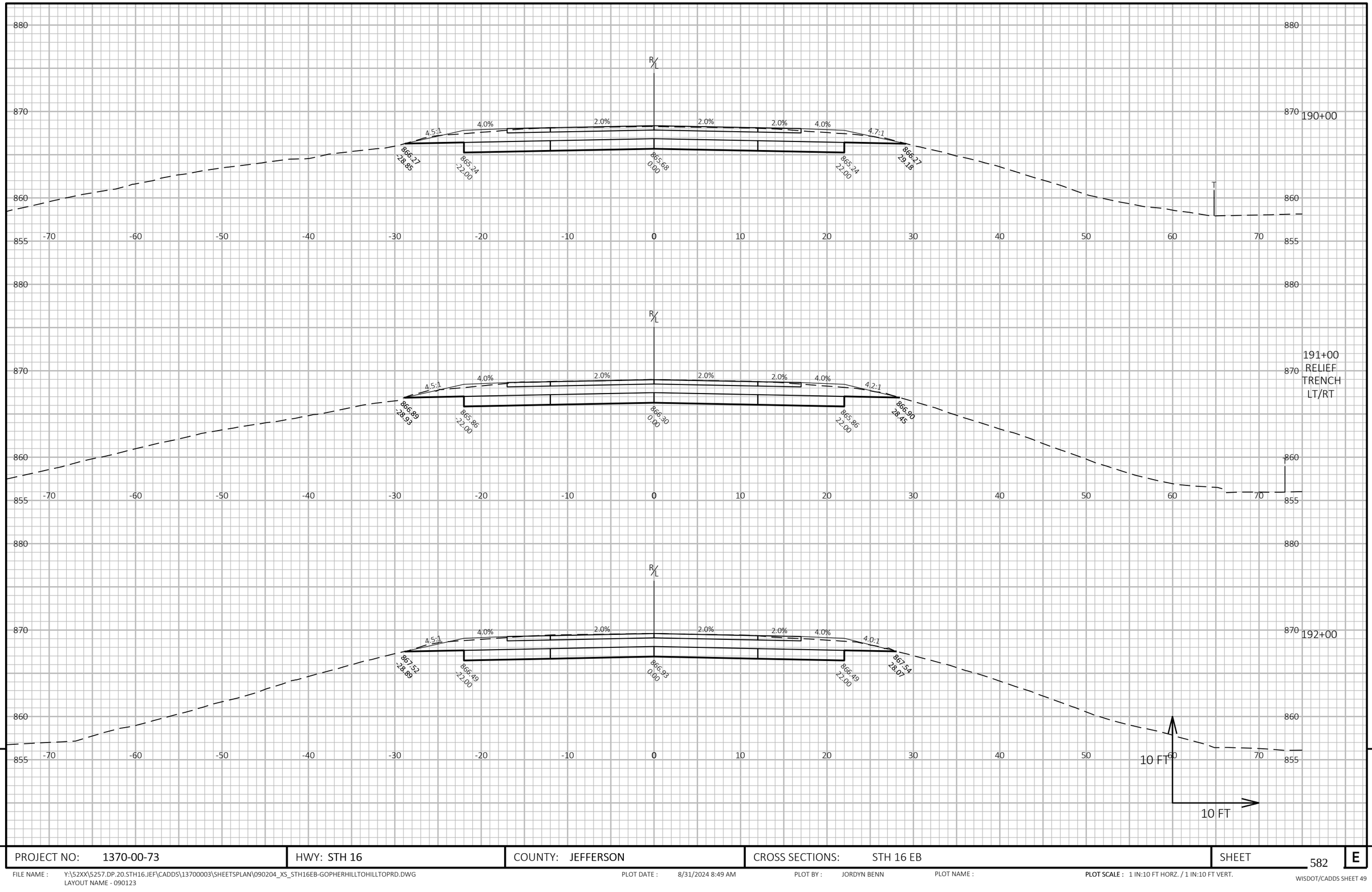
9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 581	E



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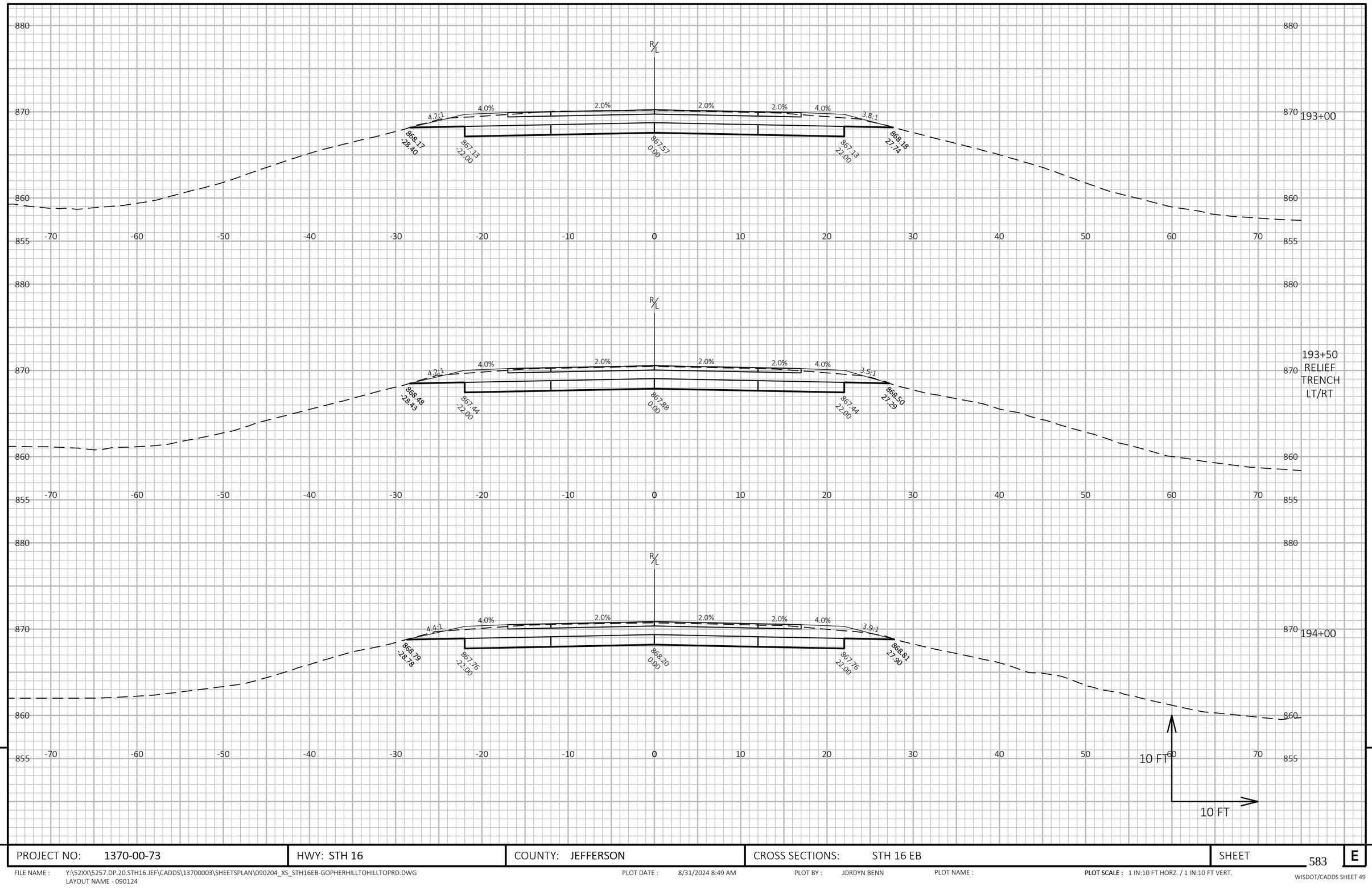
9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 582	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090123

PLOT DATE : 8/31/2024 8:49 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

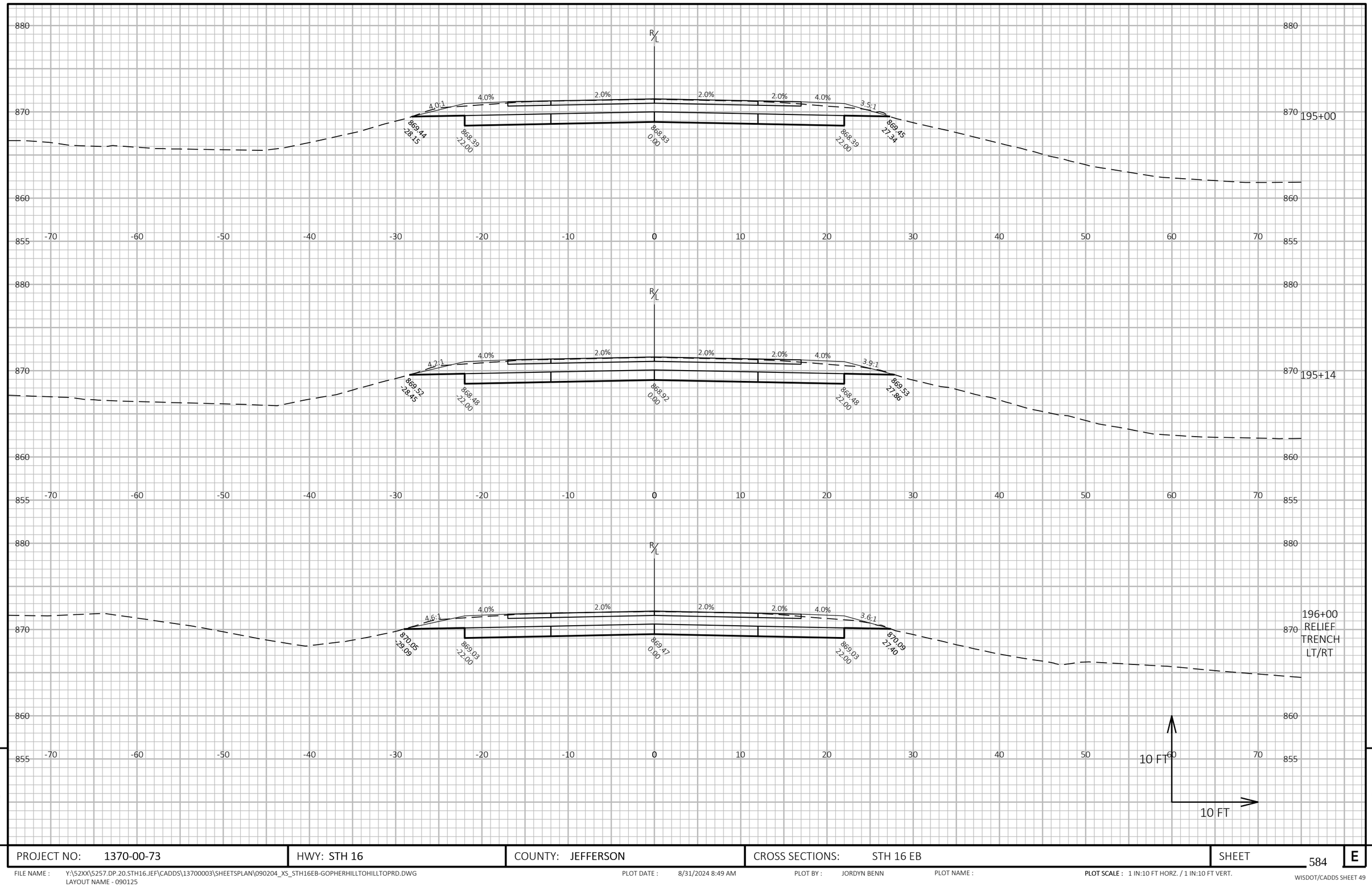
9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 583	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090124

PLOT DATE : 8/31/2024 8:49 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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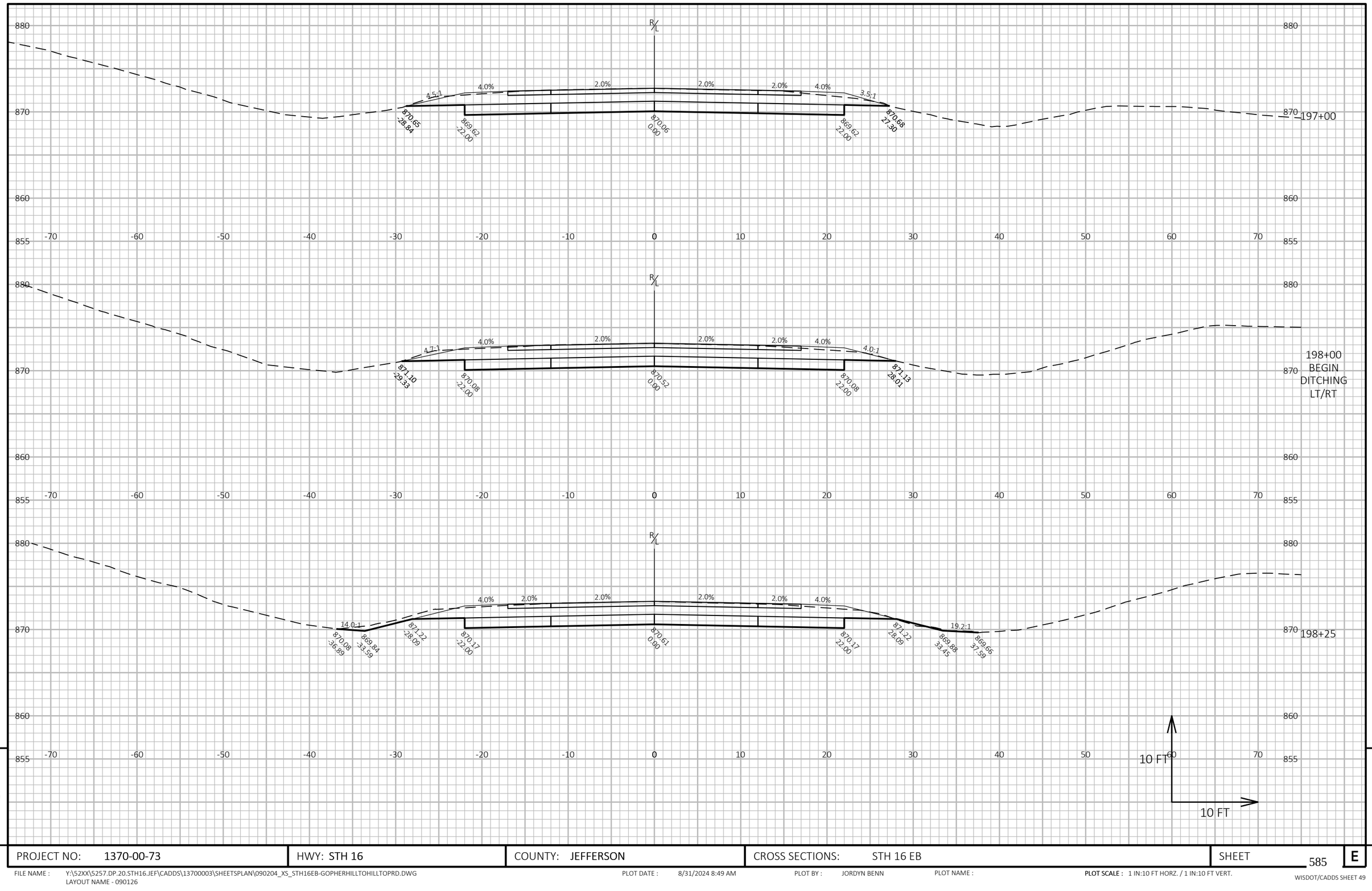
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 584	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090125

PLOT DATE : 8/31/2024 8:49 AM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 585	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090126

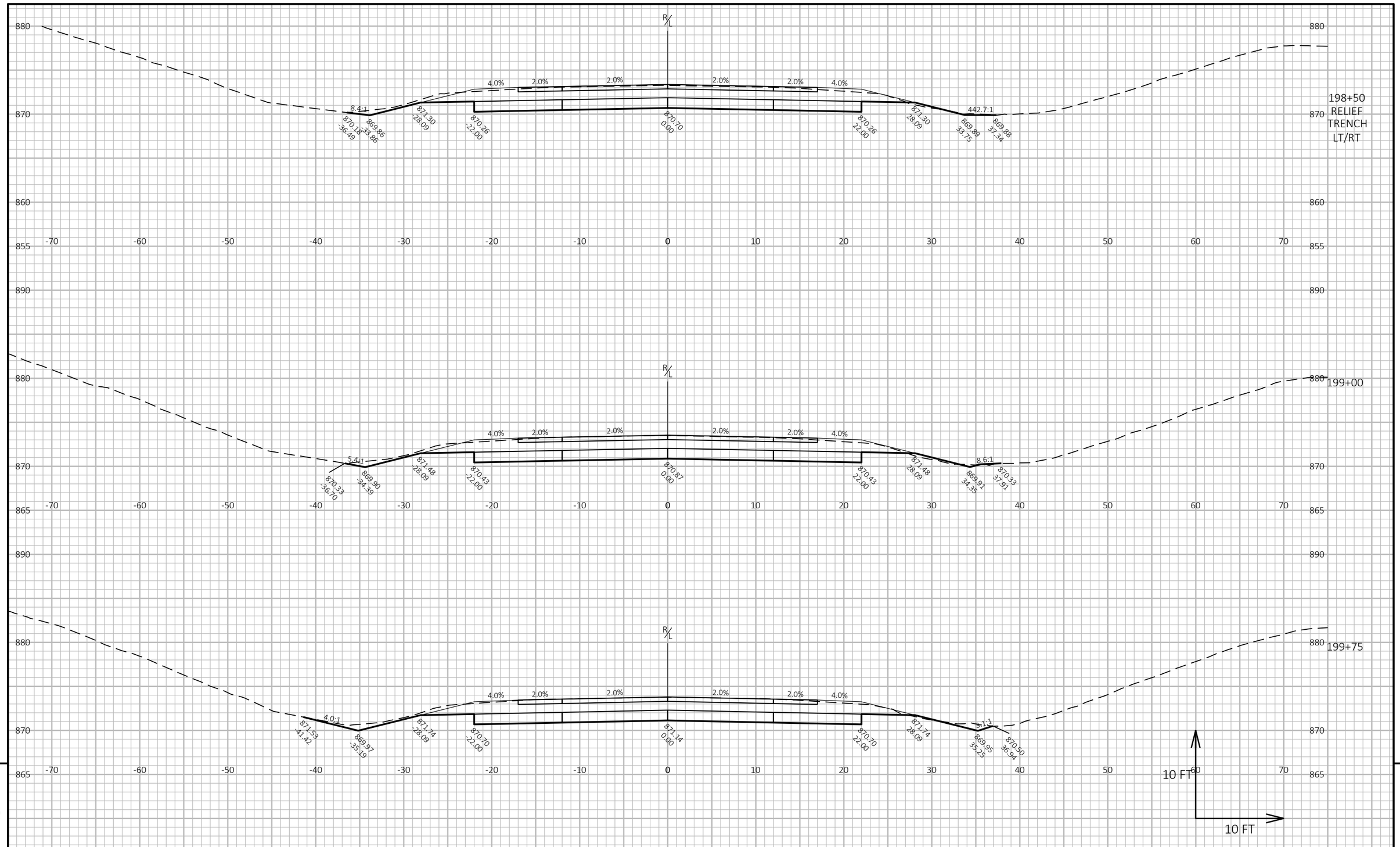
PLOT DATE : 8/31/2024 8:49 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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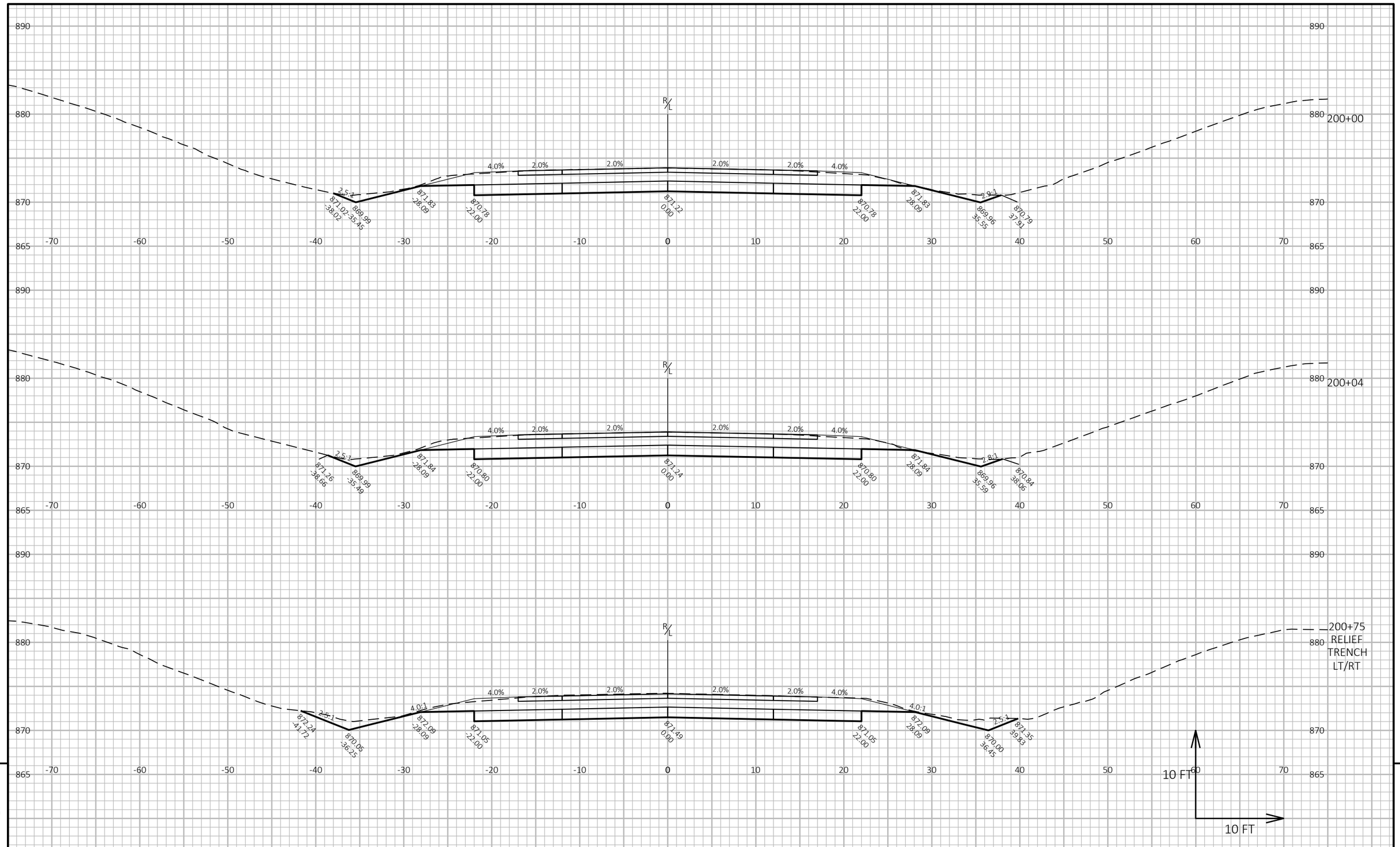
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 586	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090127

PLOT DATE : 8/31/2024 8:49 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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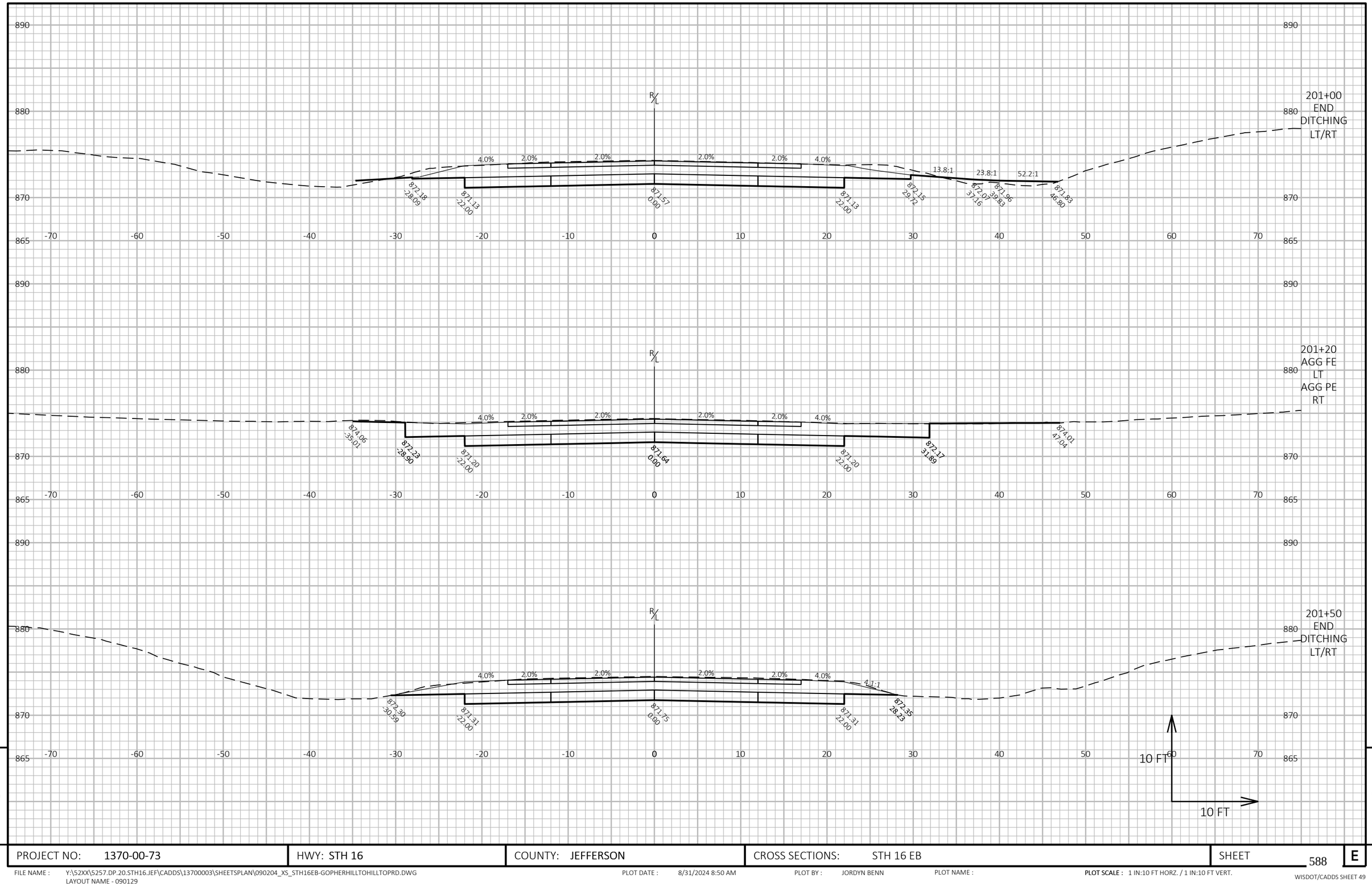
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 587	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090128

PLOT DATE : 8/31/2024 8:50 AM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 588	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090129

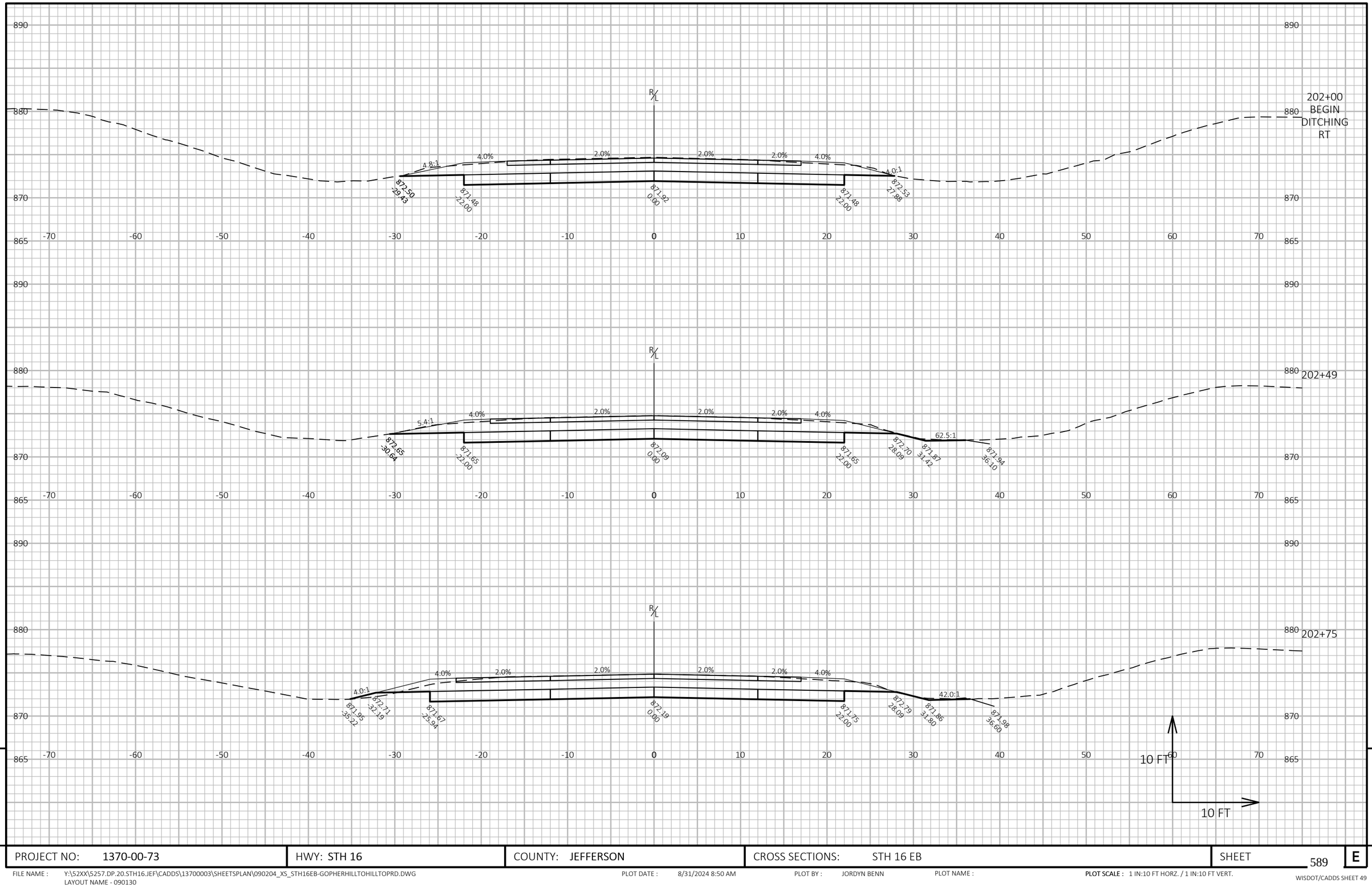
PLOT DATE : 8/31/2024 8:50 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 589	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090130

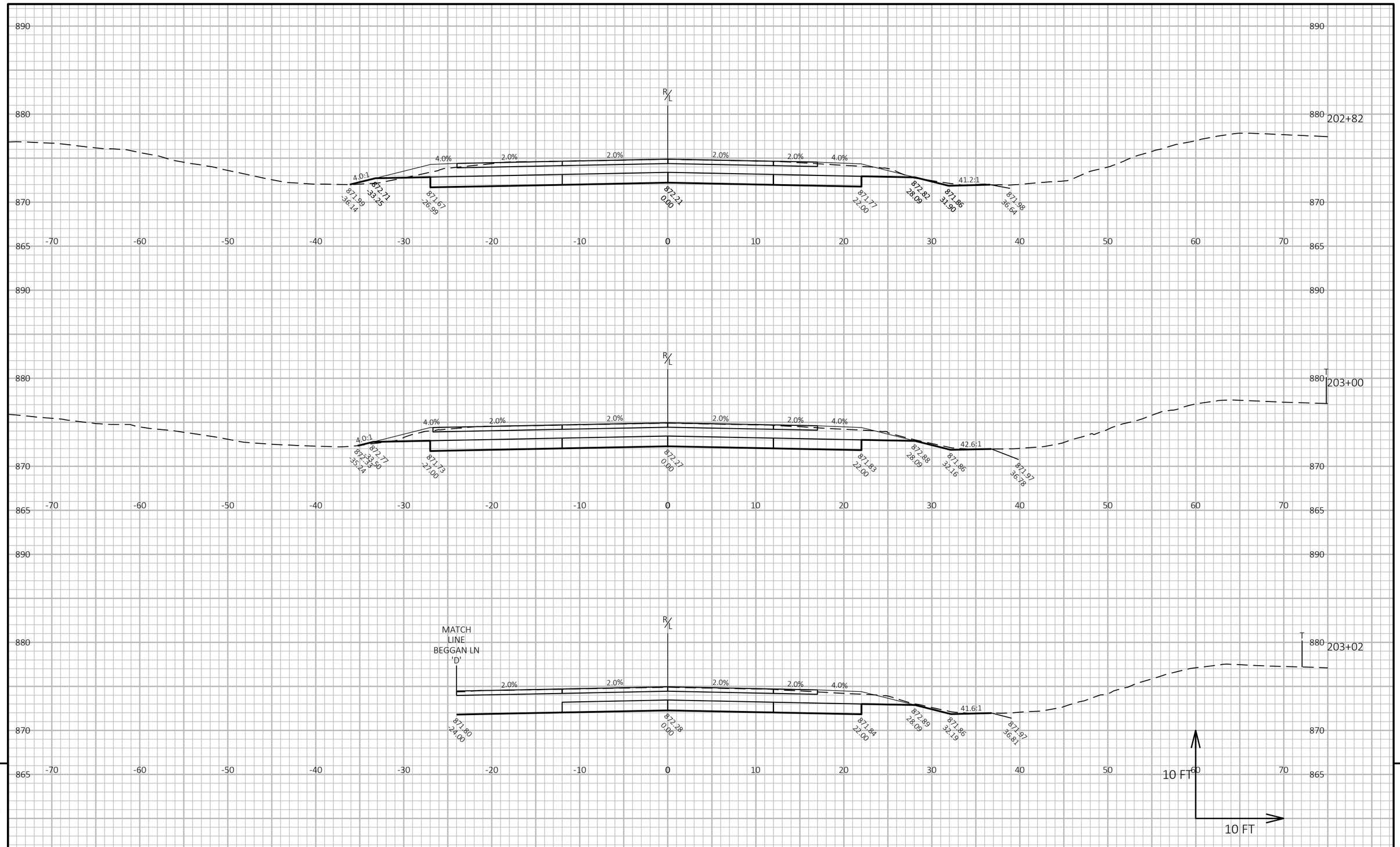
PLOT DATE : 8/31/2024 8:50 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 590	E

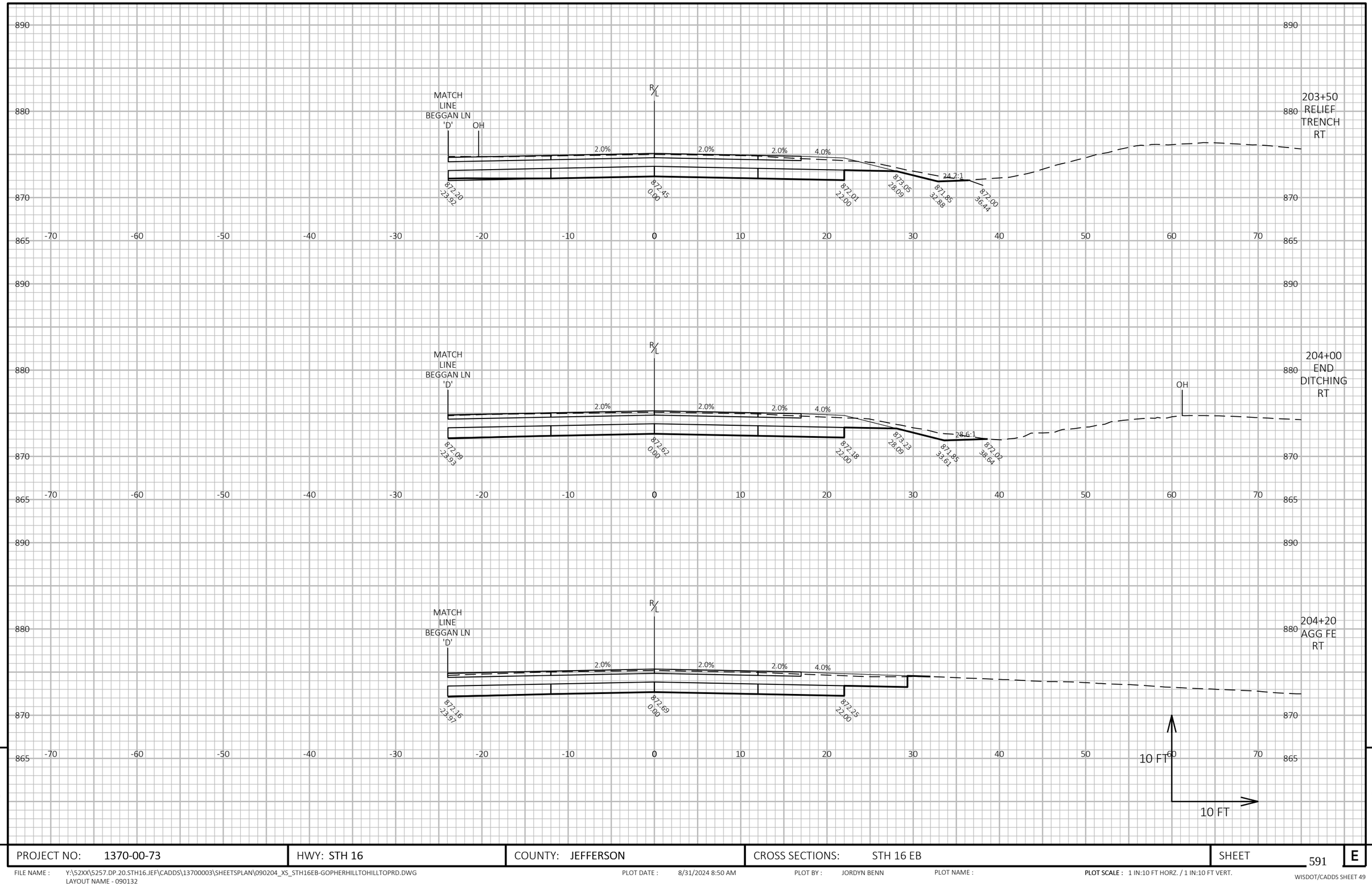
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090131

PLOT DATE : 8/31/2024 8:50 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

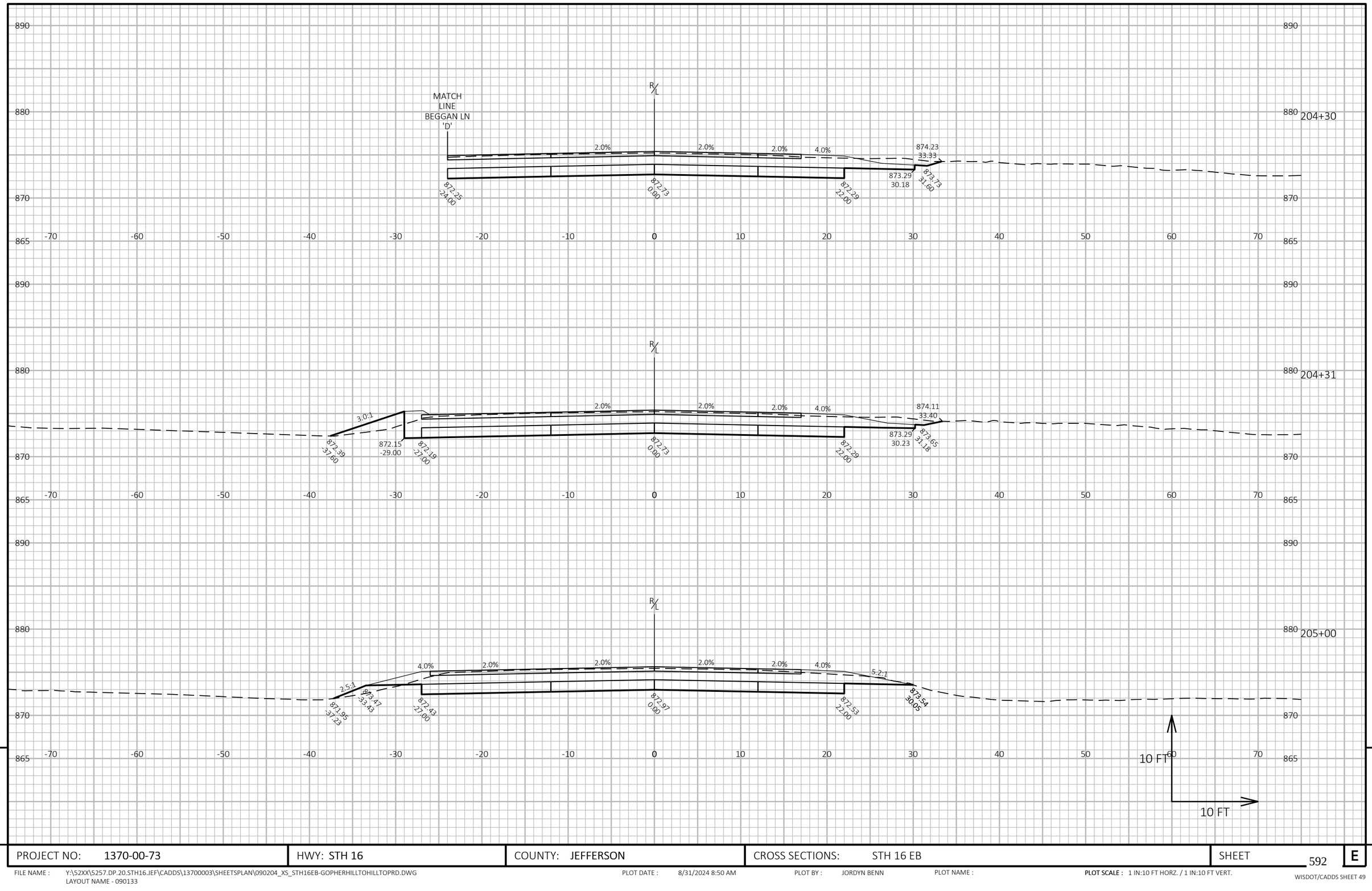


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 591 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090132

PLOT DATE : 8/31/2024 8:50 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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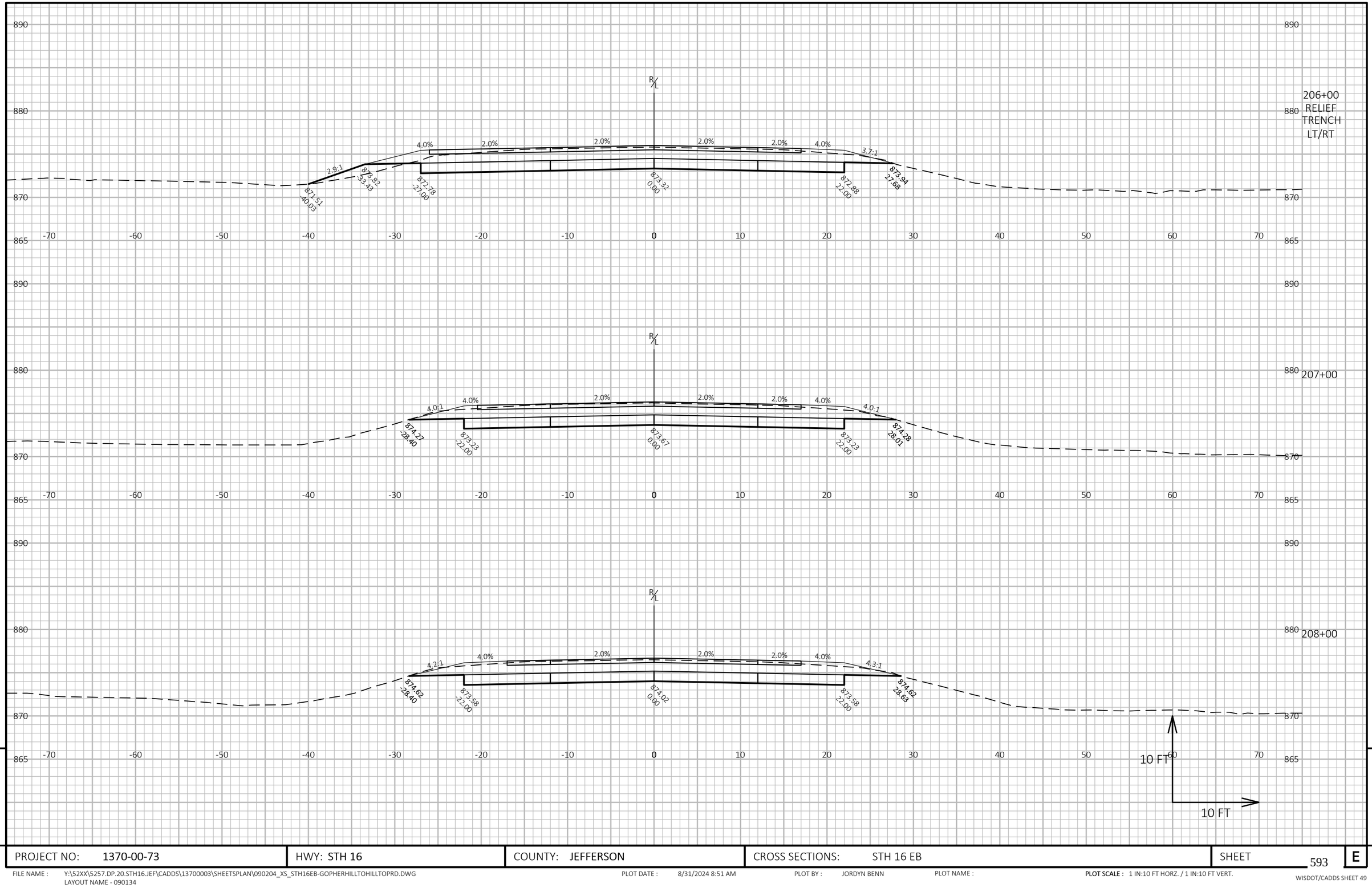
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 592	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090133

PLOT DATE : 8/31/2024 8:50 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

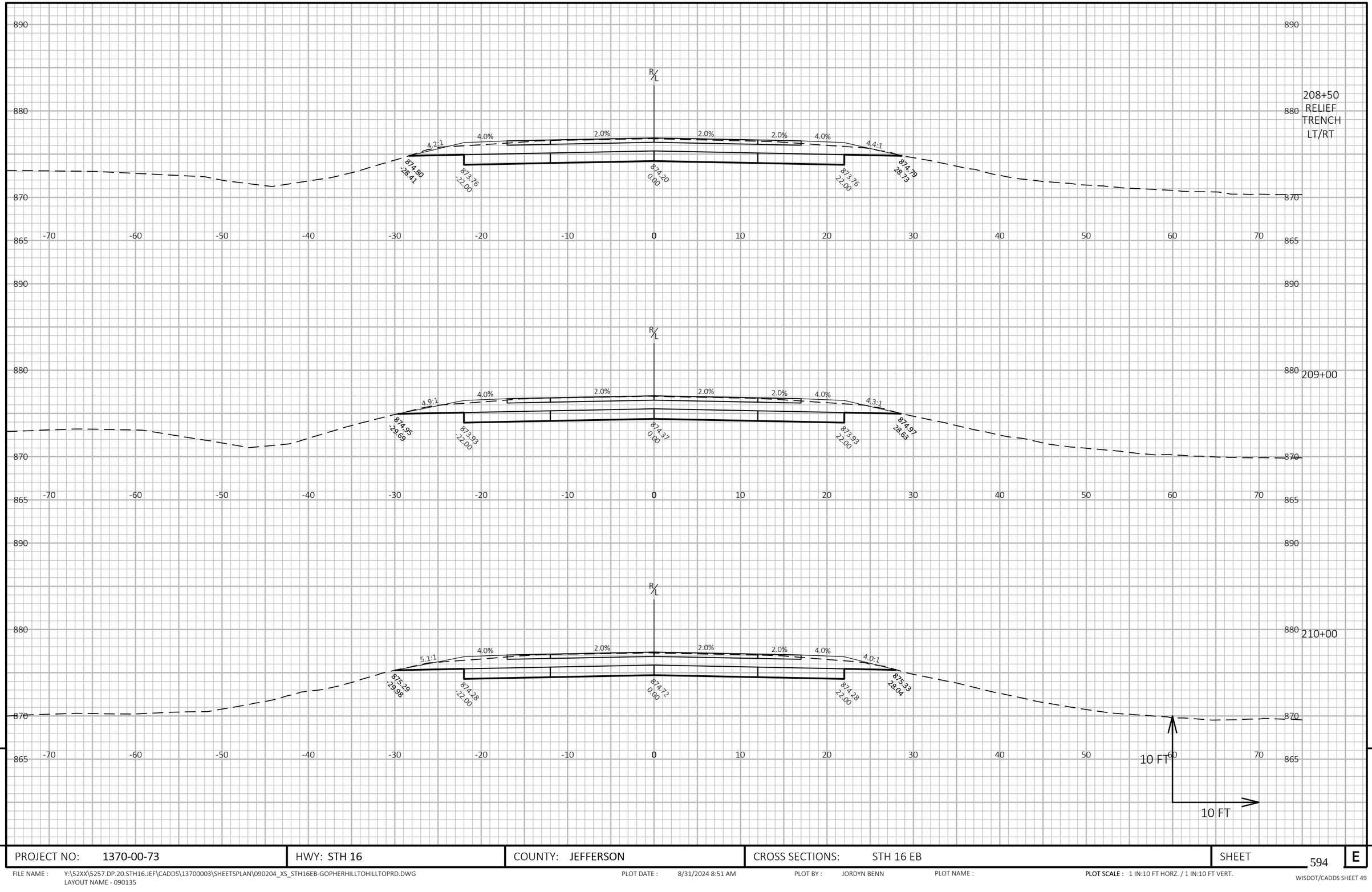
WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 593	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090134

PLOT DATE : 8/31/2024 8:51 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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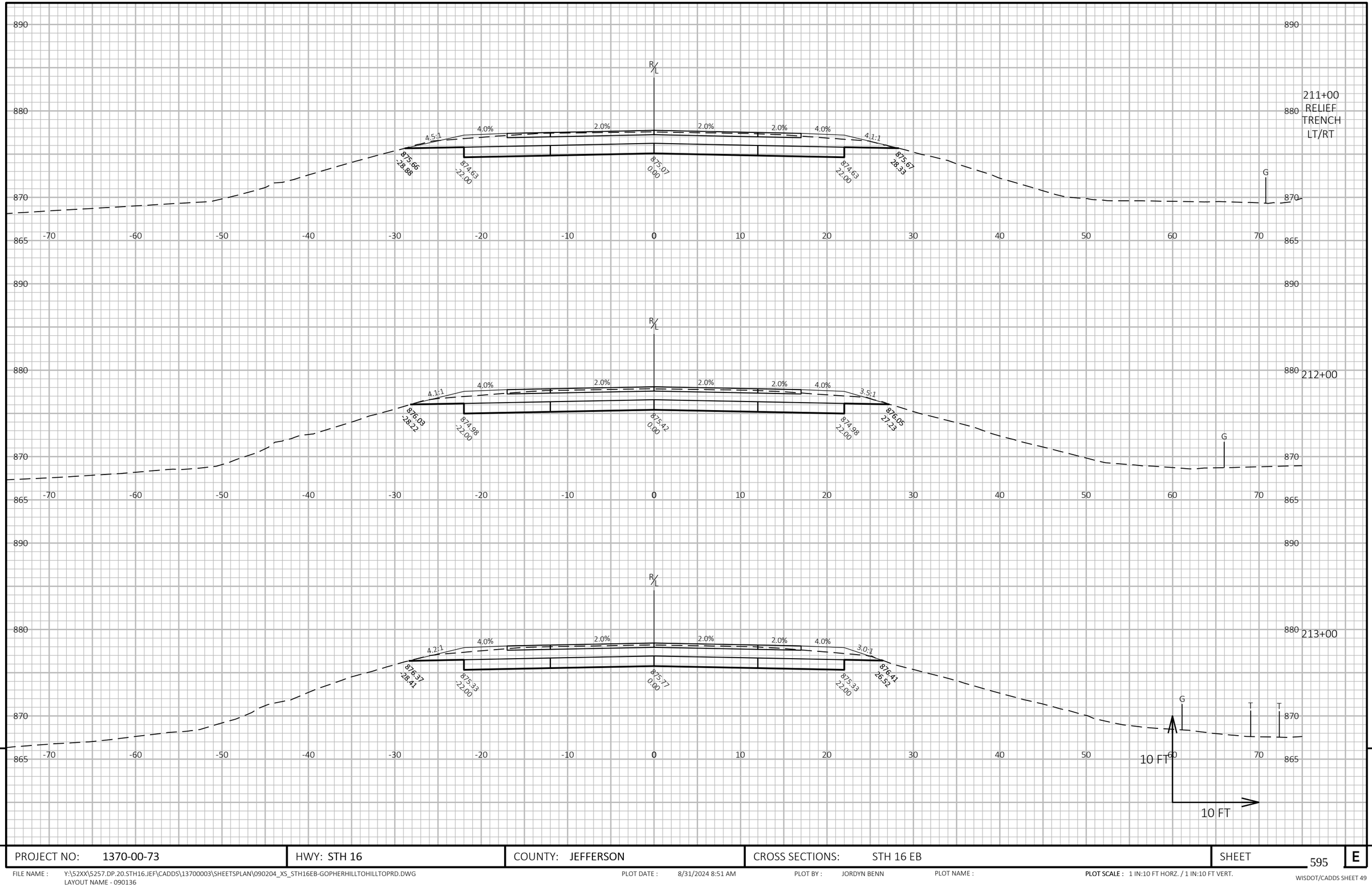
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 594	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090135

PLOT DATE : 8/31/2024 8:51 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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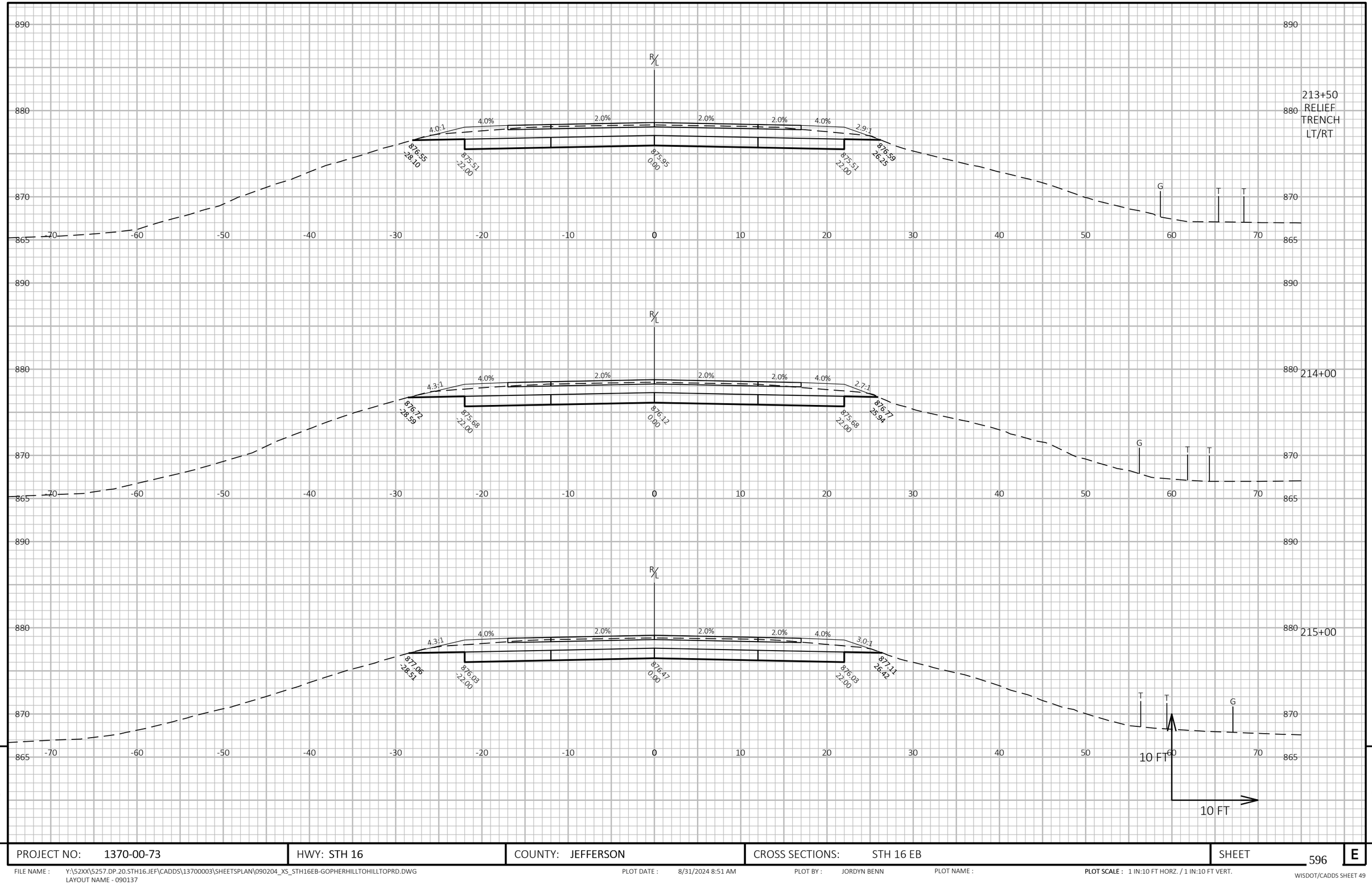
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 595	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090136

PLOT DATE : 8/31/2024 8:51 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 596	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090137

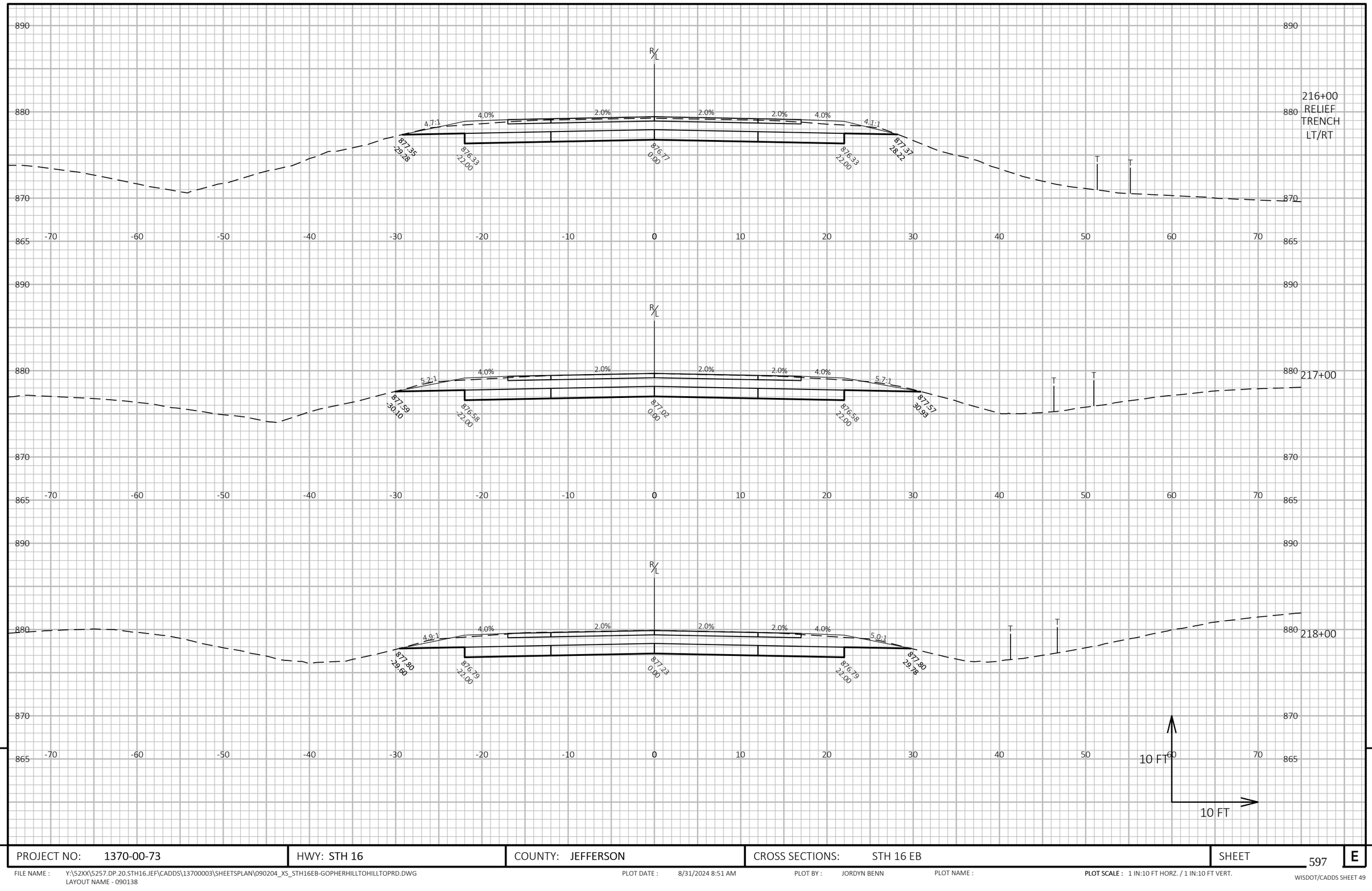
PLOT DATE : 8/31/2024 8:51 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

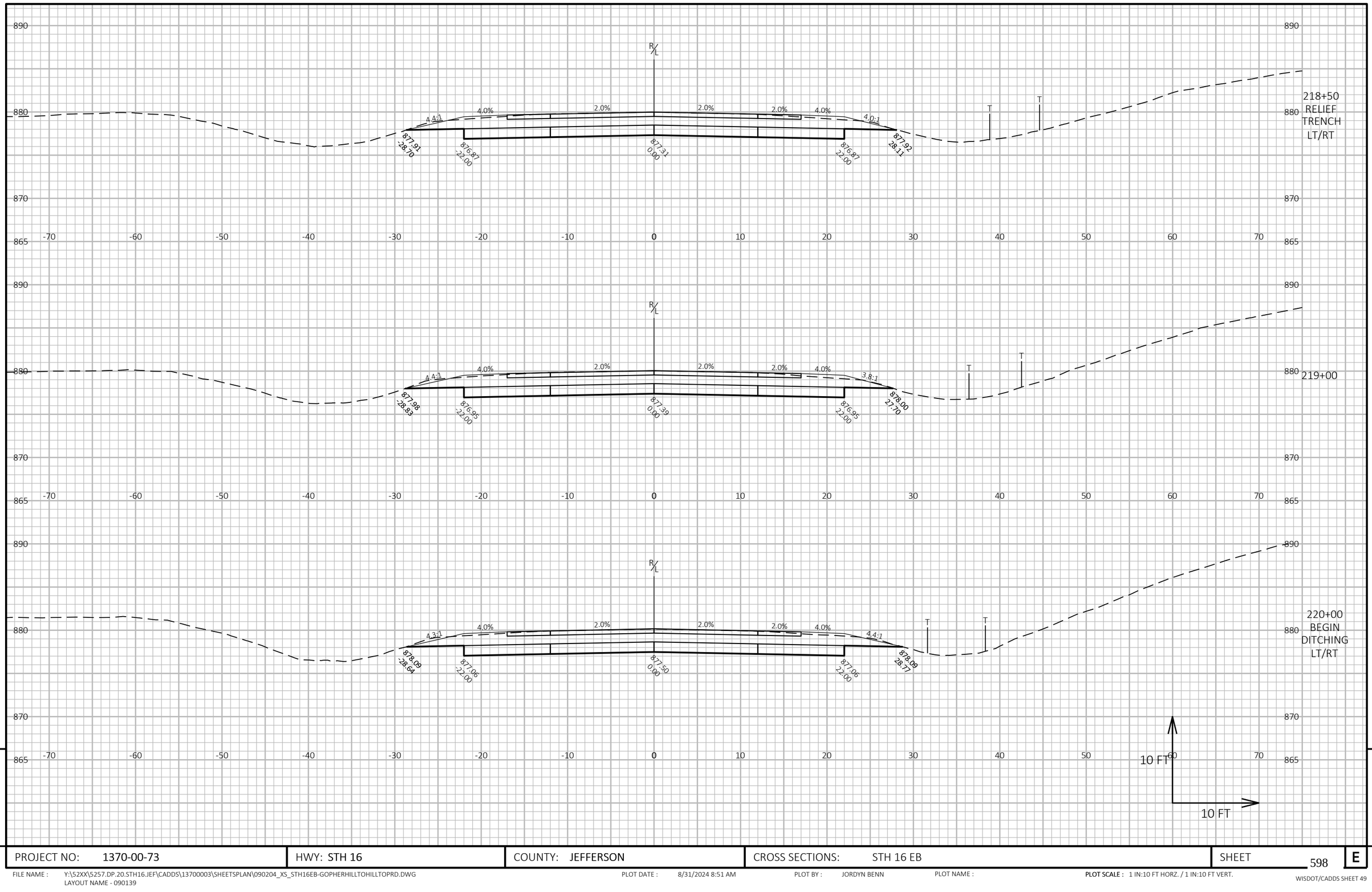


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 597	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090138

PLOT DATE : 8/31/2024 8:51 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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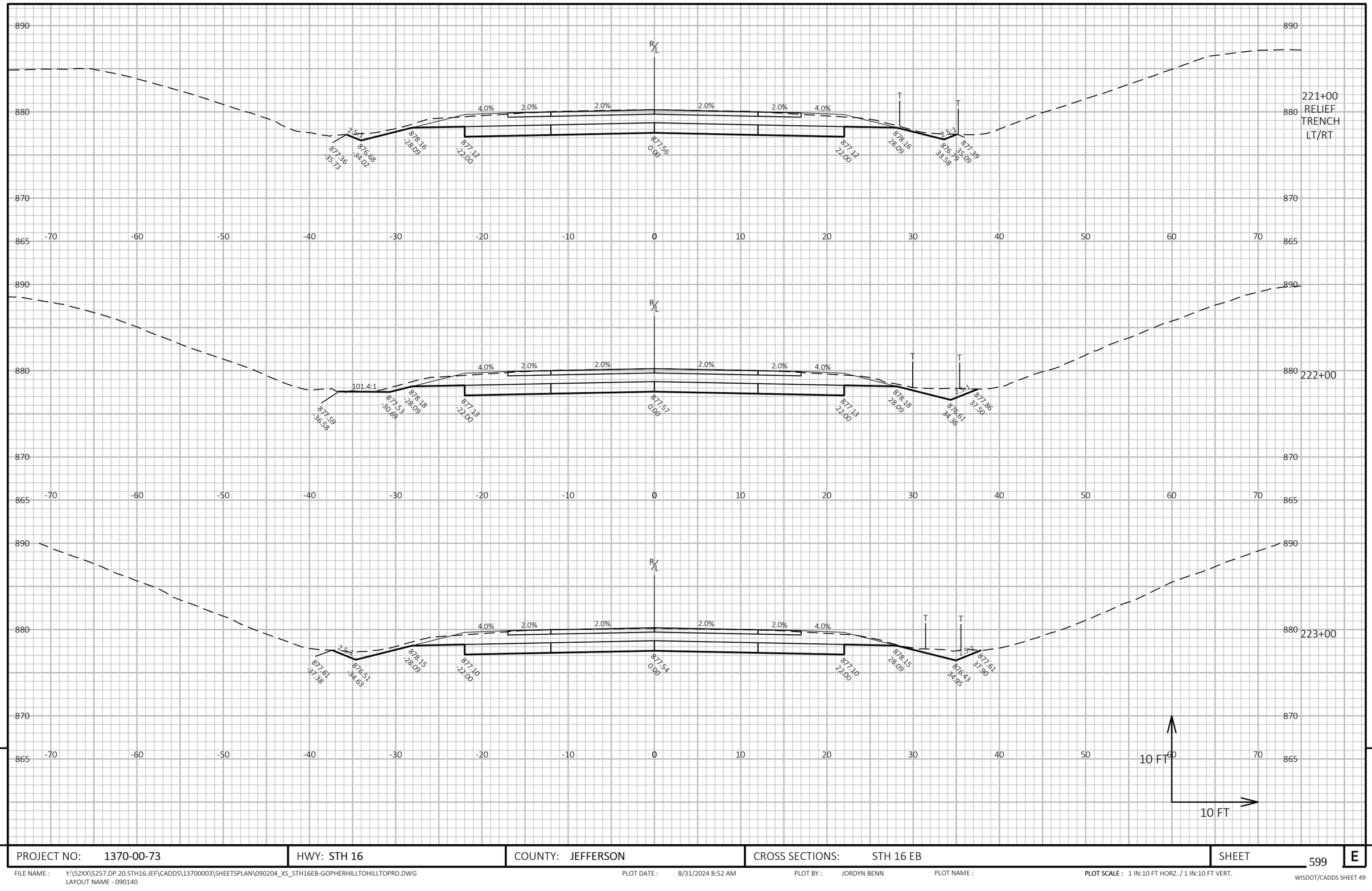
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 598	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090139

PLOT DATE : 8/31/2024 8:51 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

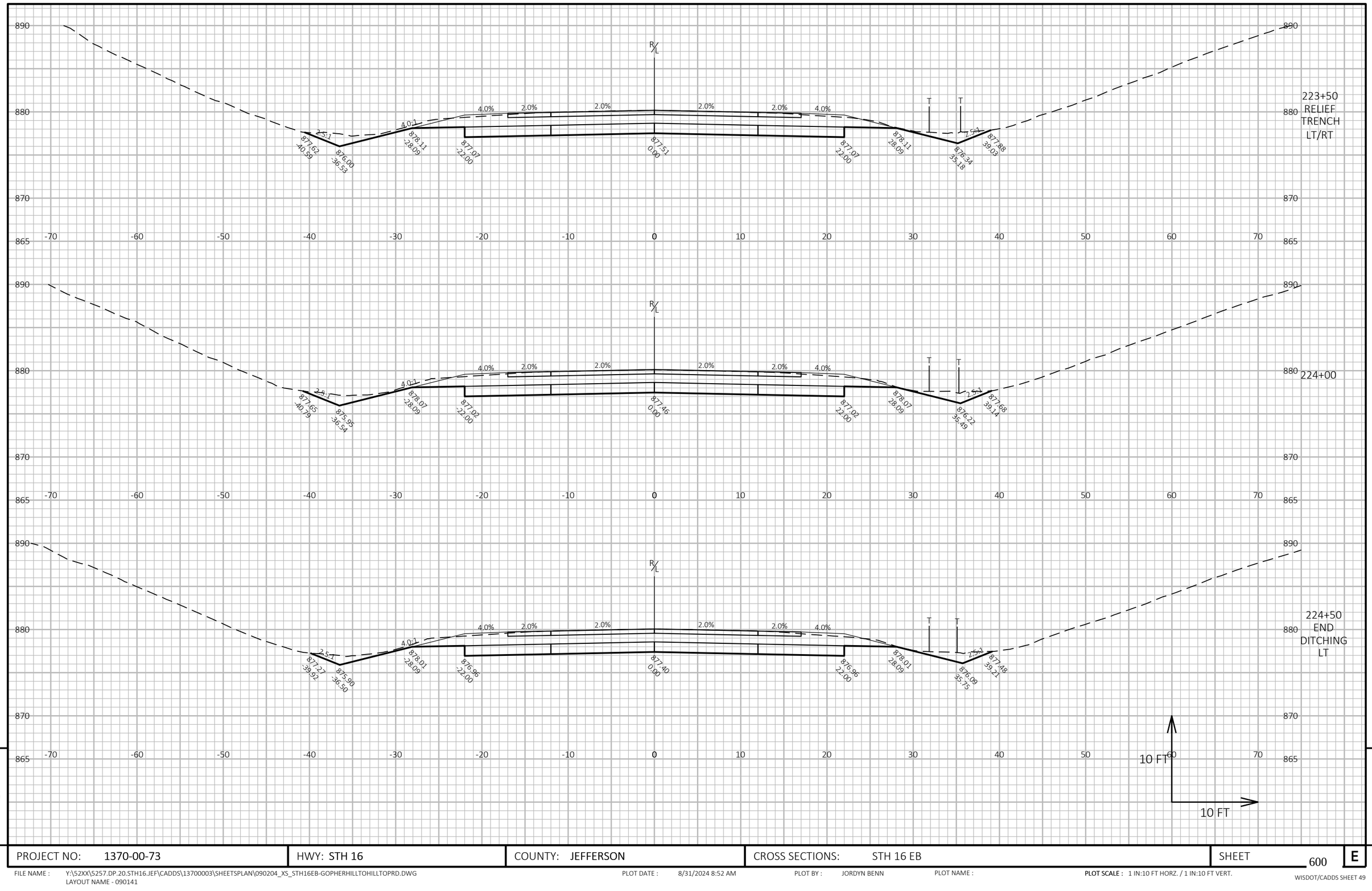


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 599 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090140

PLOT DATE : 8/31/2024 8:52 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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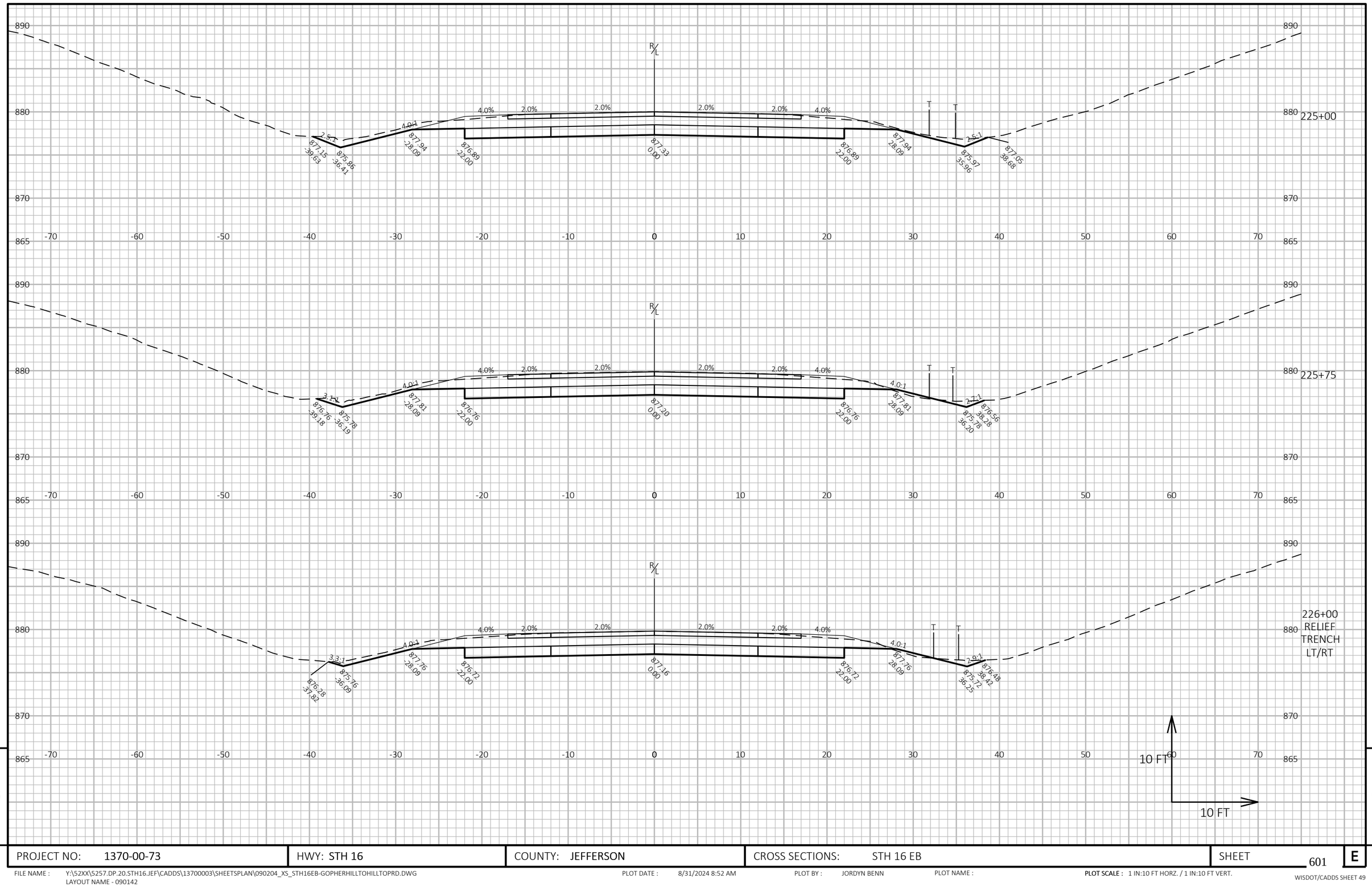
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 600	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090141

PLOT DATE : 8/31/2024 8:52 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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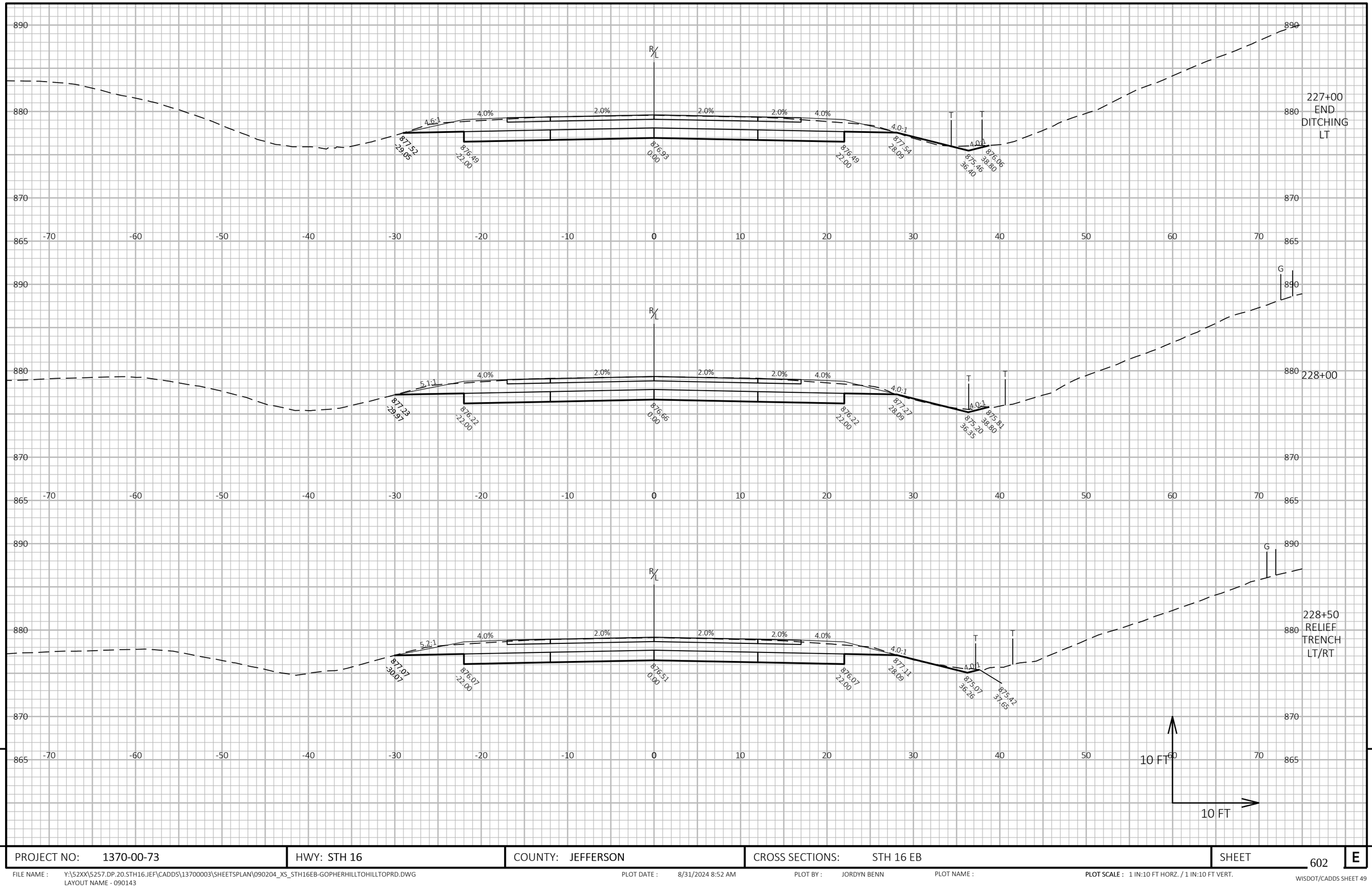
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 601	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090142

PLOT DATE : 8/31/2024 8:52 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

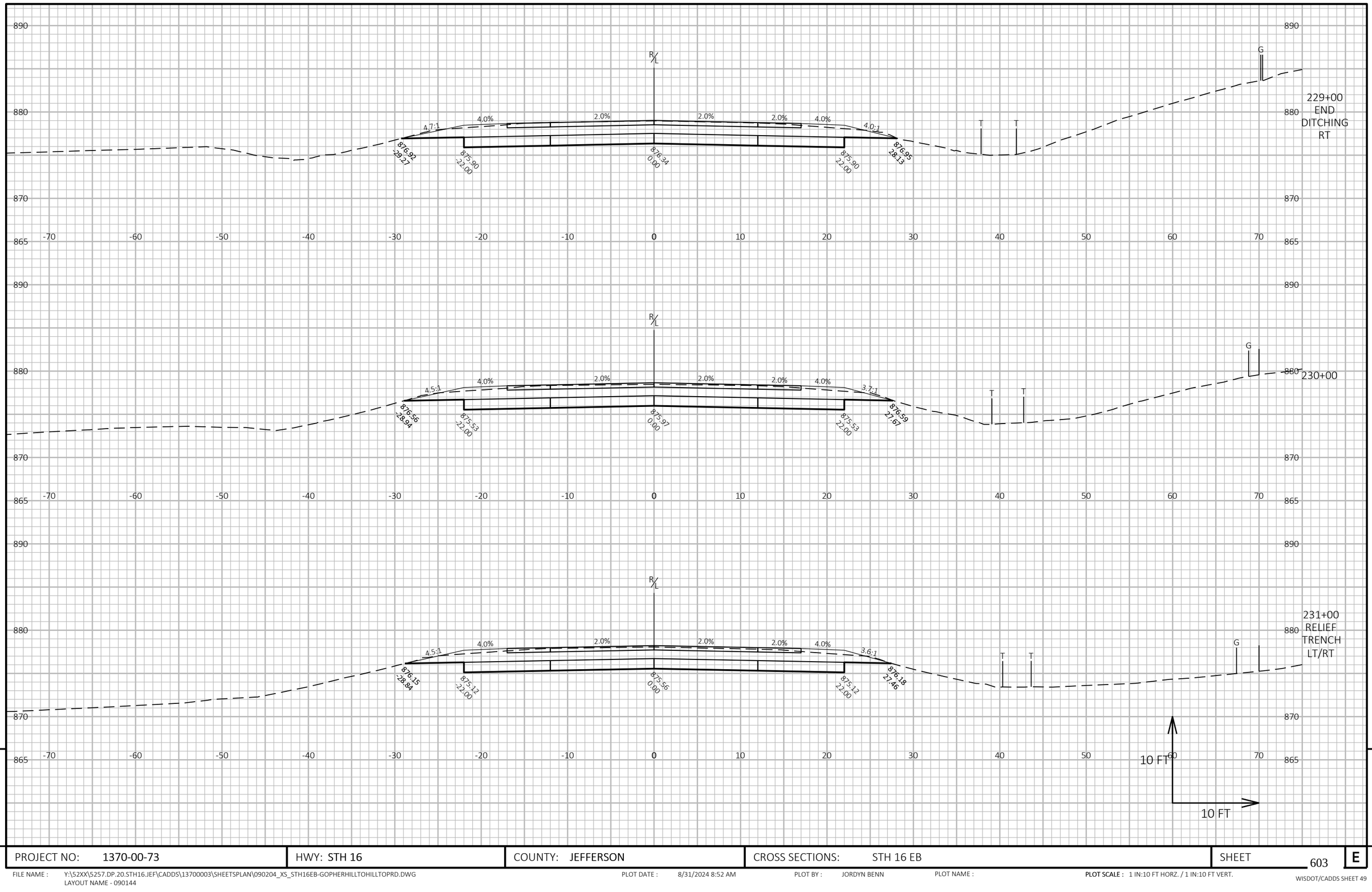
WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 602	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090143

PLOT DATE : 8/31/2024 8:52 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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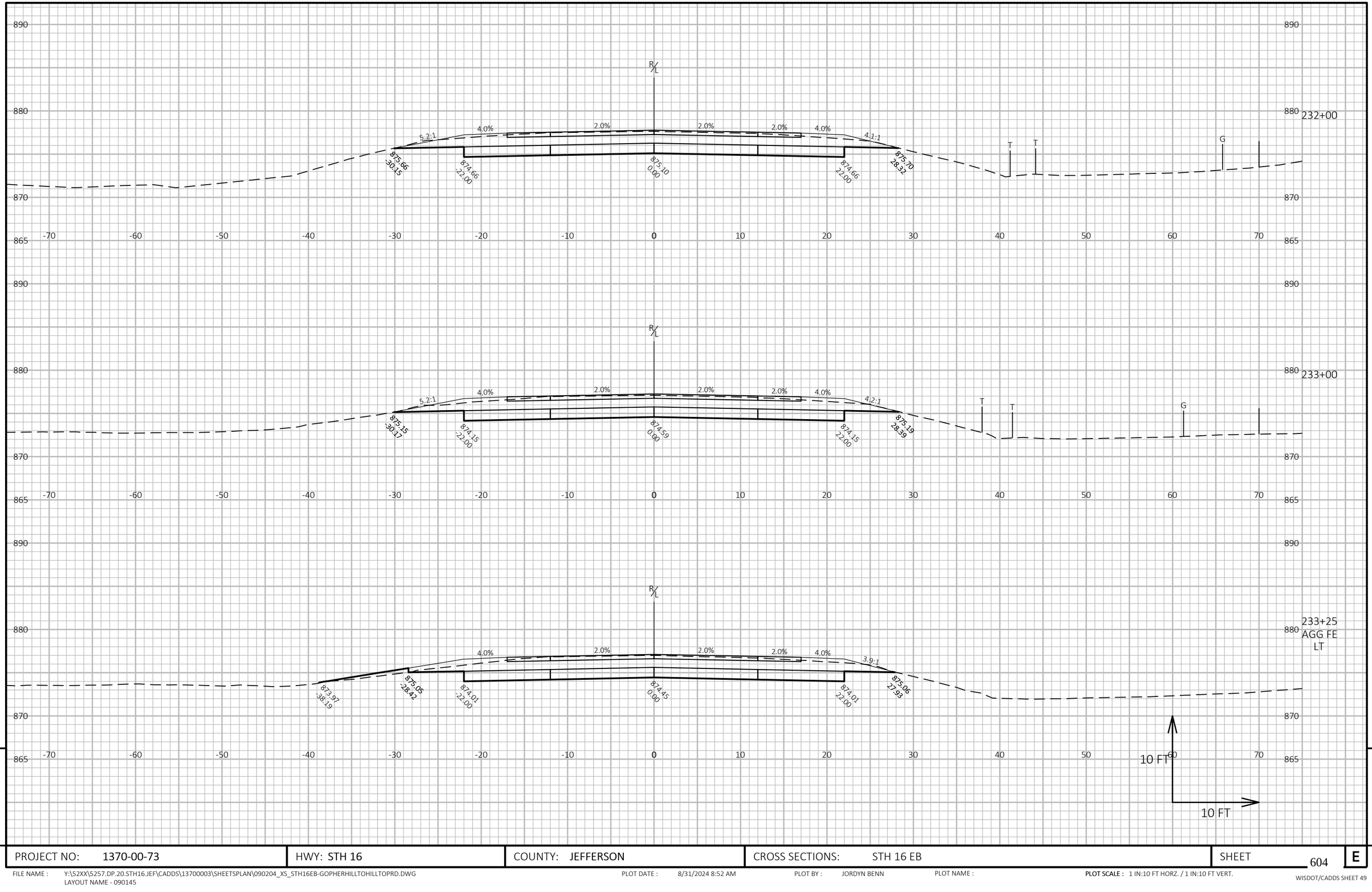
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 603	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090144

PLOT DATE : 8/31/2024 8:52 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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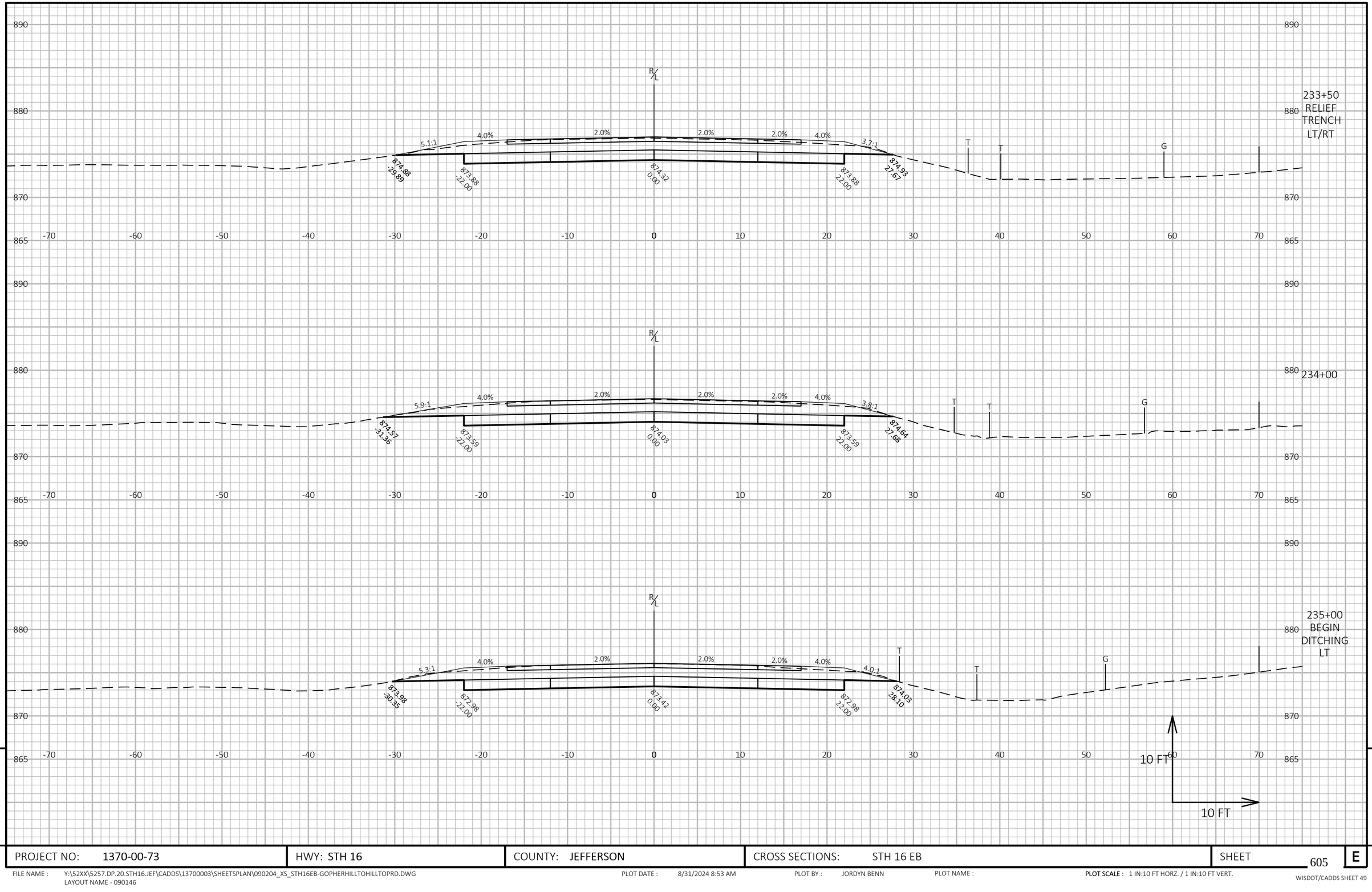
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 604	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090145

PLOT DATE : 8/31/2024 8:52 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

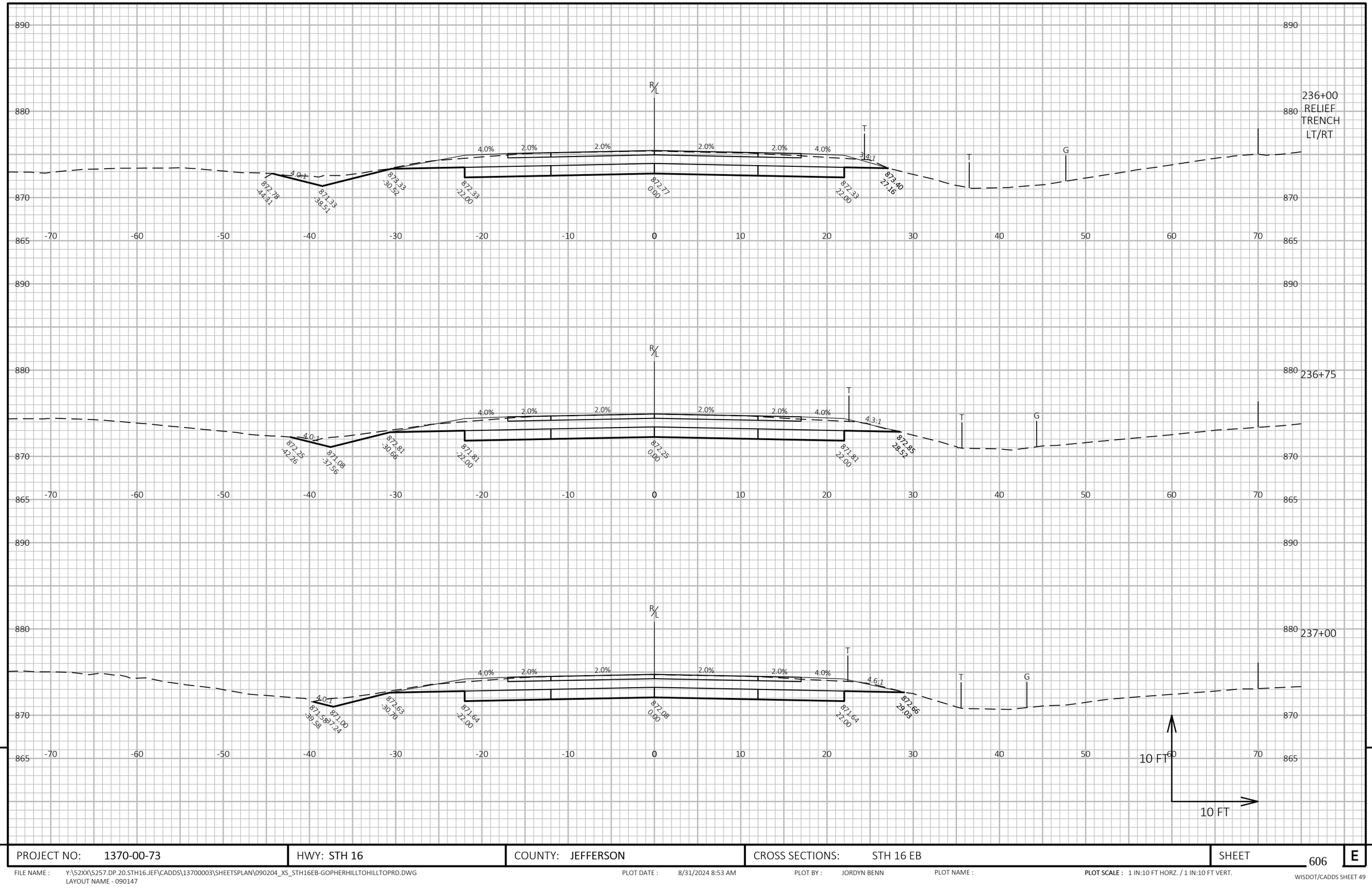


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 605	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090146

PLOT DATE : 8/31/2024 8:53 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 606	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090147

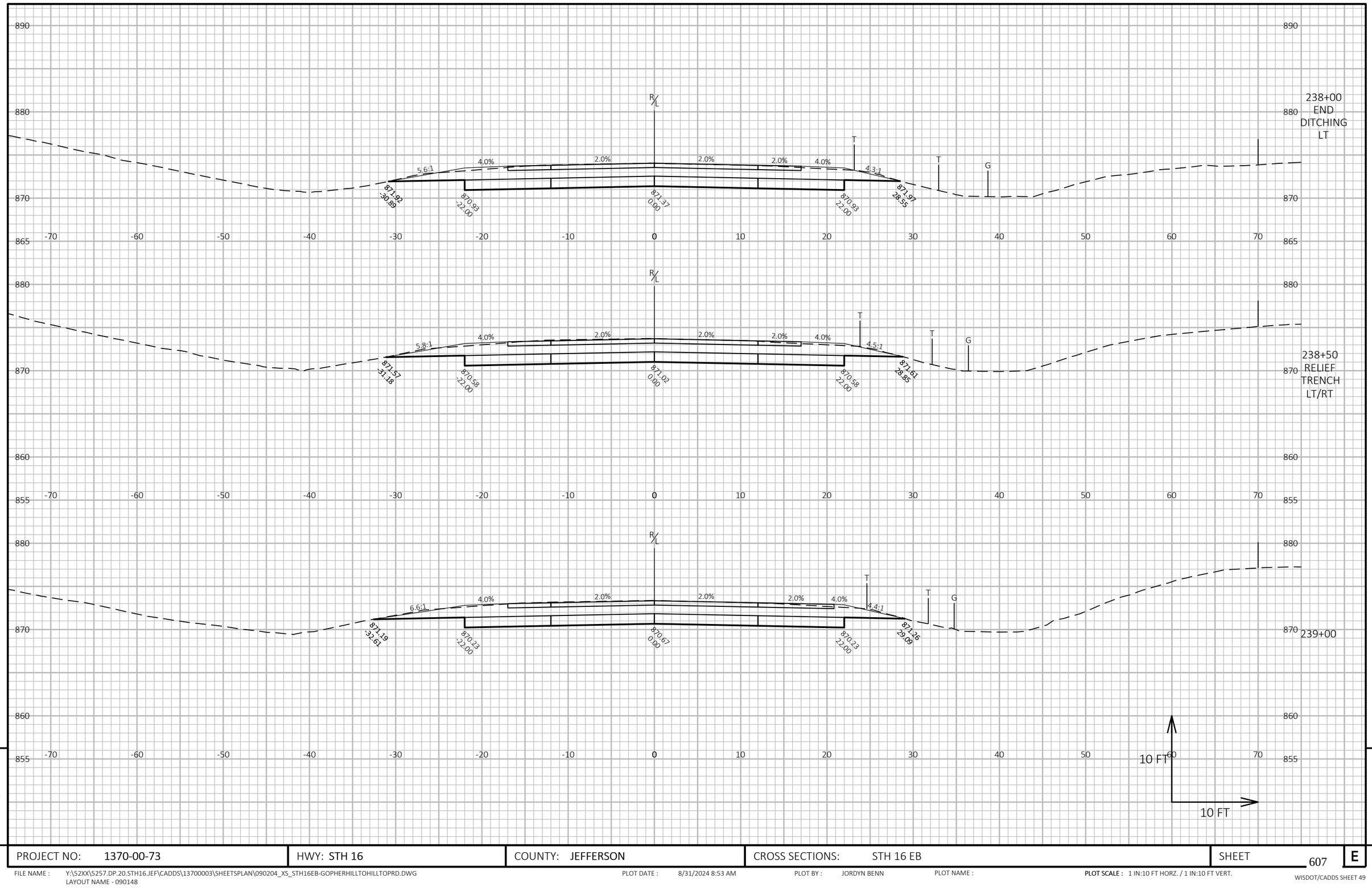
PLOT DATE : 8/31/2024 8:53 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



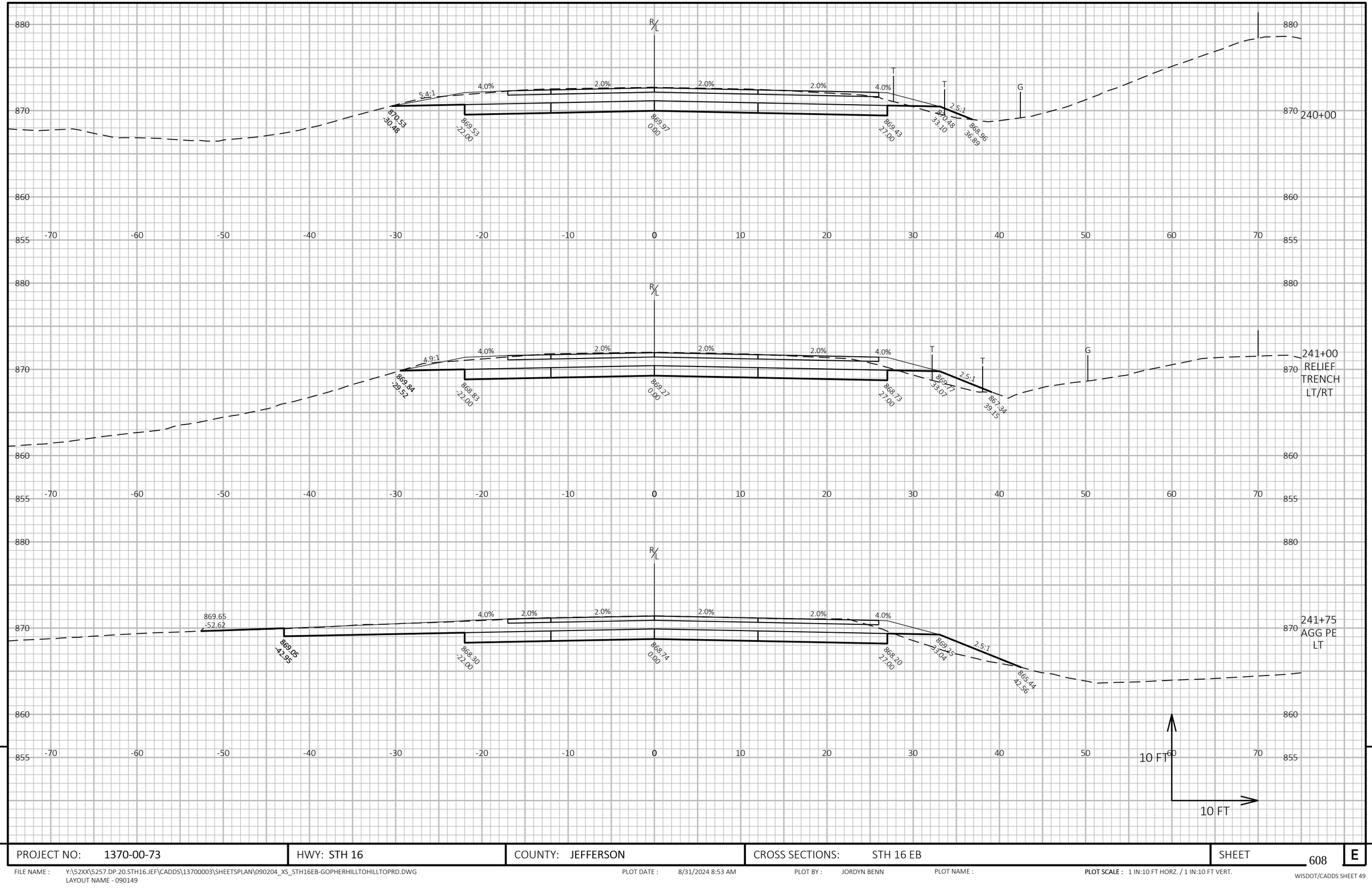
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 607	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090148

PLOT DATE : 8/31/2024 8:53 AM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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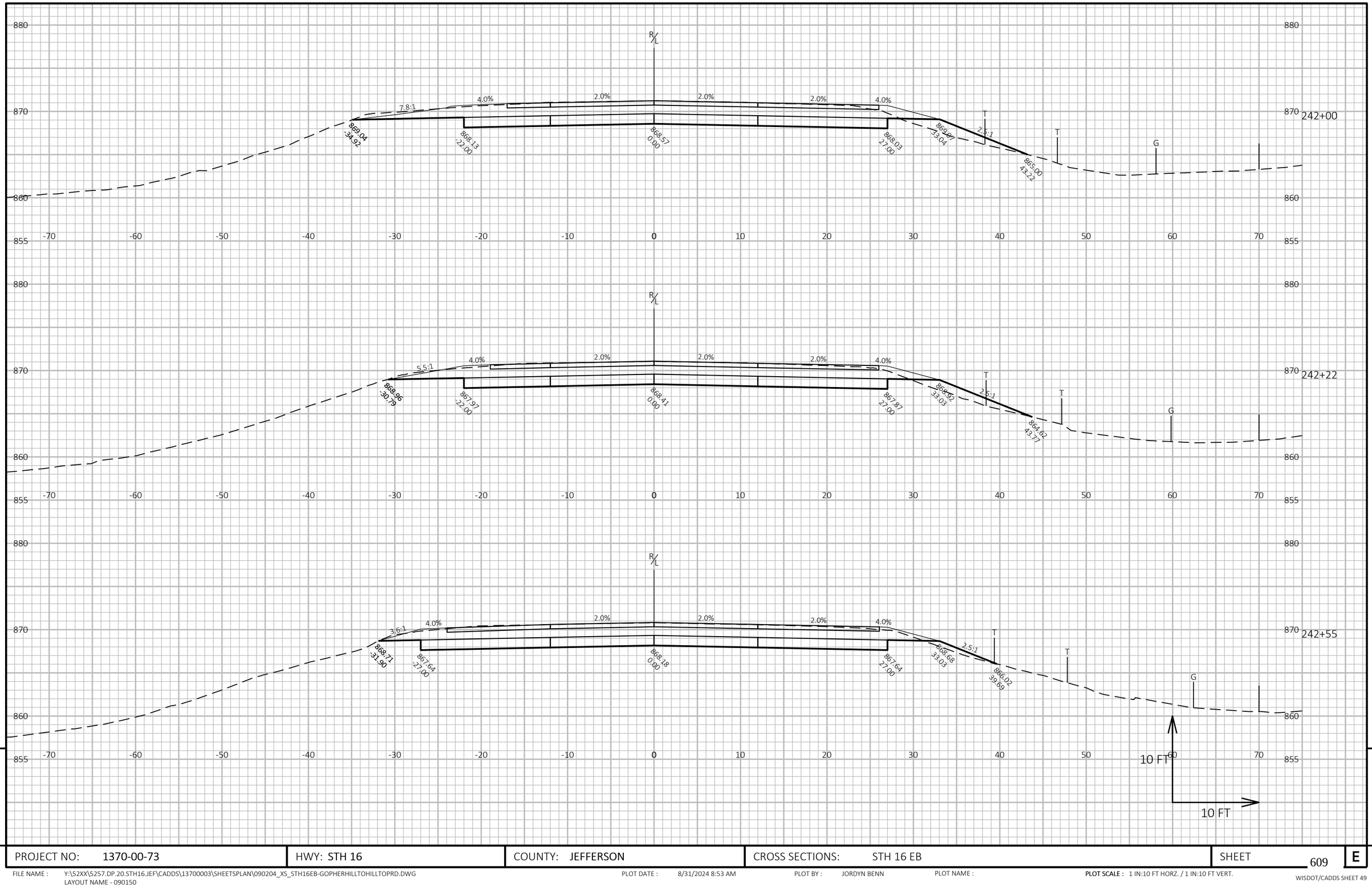
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 608	E

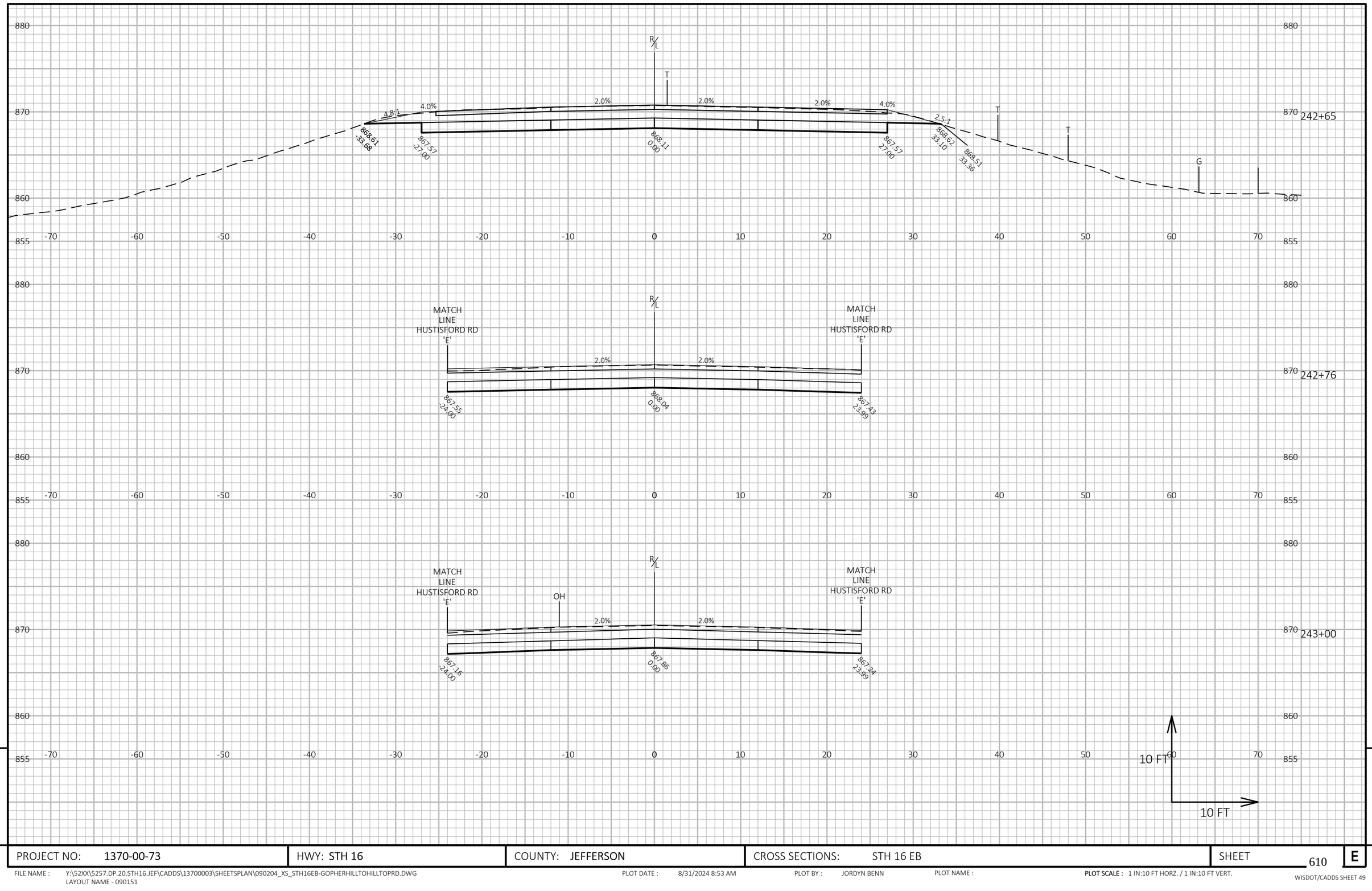
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090149

PLOT DATE : 8/31/2024 8:53 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 609 E

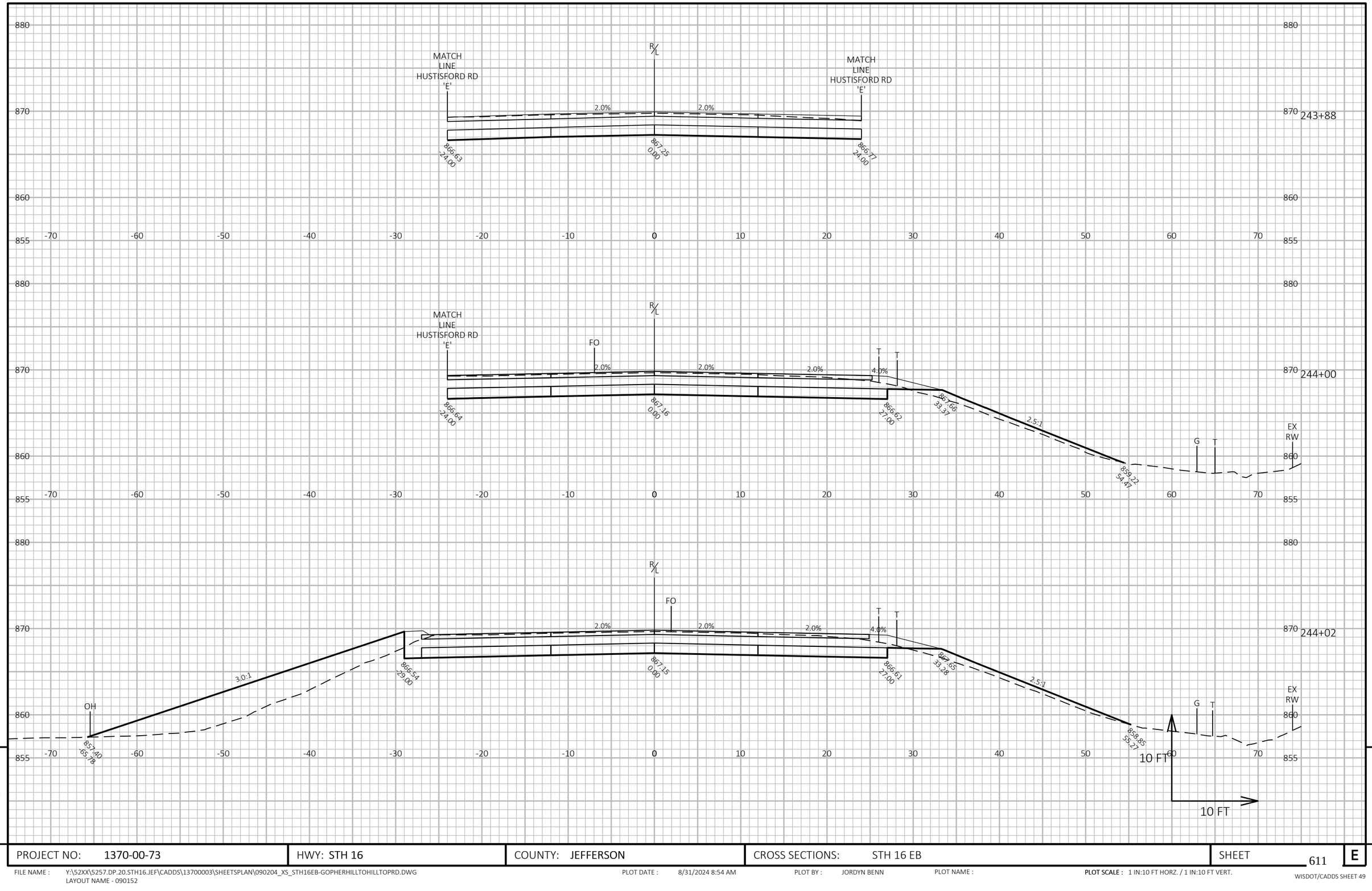


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 610	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090151

PLOT DATE : 8/31/2024 8:53 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 611	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090152

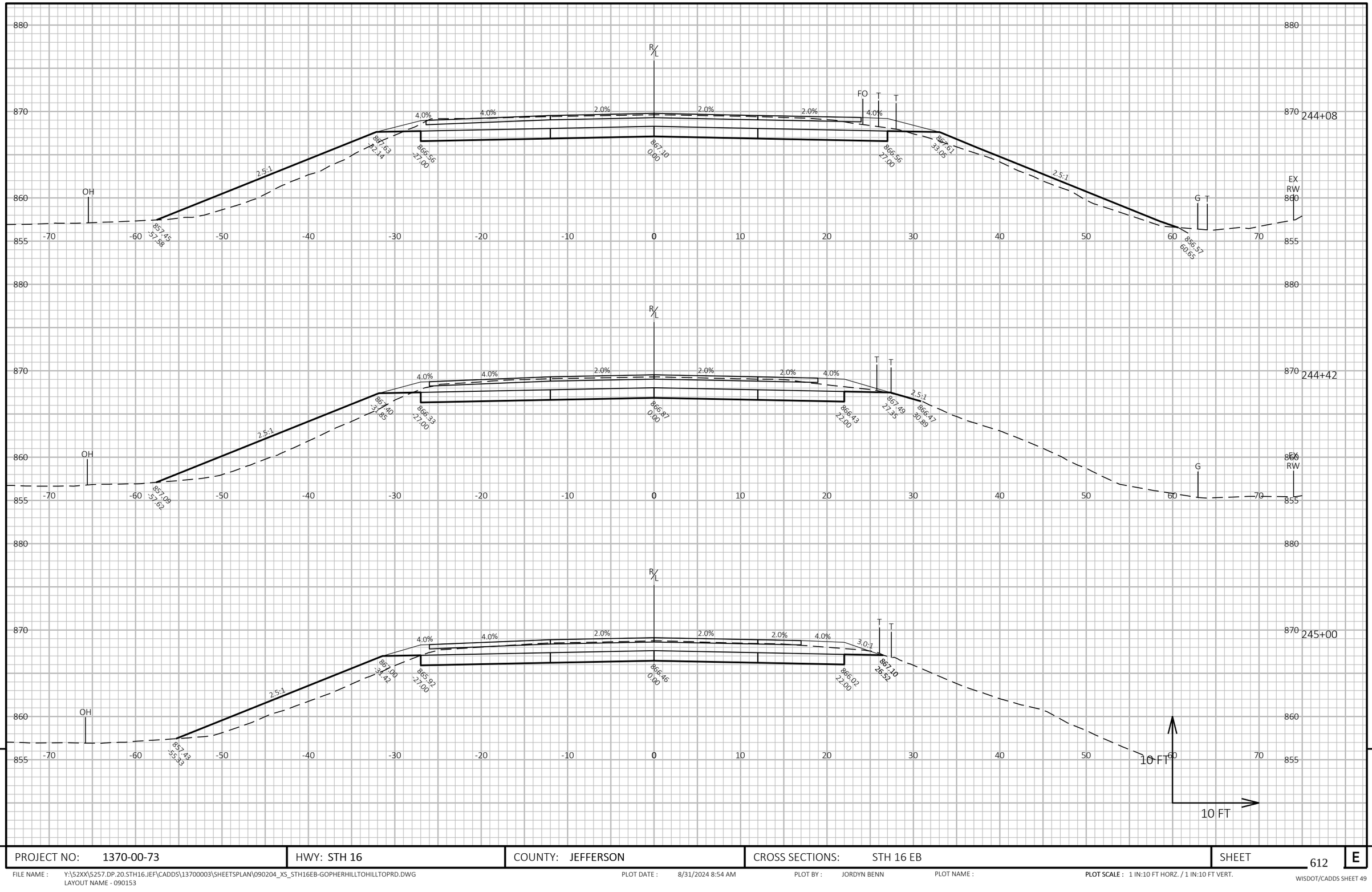
PLOT DATE : 8/31/2024 8:54 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 612	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090153

PLOT DATE : 8/31/2024 8:54 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

245+50
RELIEF
TRENCH
LT/RT

880
870
860
855
R/L
OH
4.0%
4.0%
2.0%
2.0%
2.0%
4.0%
3.2:1
2.2:1
T
T
864.65
-31.10
865.57
-27.00
866.11
0.00
865.67
-22.00
866.74
26.92
857.58
-51.25
-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

246+00

880
870
860
855
R/L
OH
4.0%
4.0%
2.0%
2.0%
2.0%
4.0%
2.9:1
2.0:1
T
T
863.43
-36.59
865.31
-30.83
865.22
-27.00
865.76
0.00
865.32
-22.00
866.40
26.33
-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

247+00

880
870
860
855
R/L
OH
4.0%
2.0%
2.0%
2.0%
2.0%
4.0%
3.5:1
2.5:1
T
T
862.00
-40.69
865.59
-31.72
864.52
-27.00
865.06
0.00
864.62
-22.00
865.68
27.21
EX
R/W
G
10 FT
10 FT
-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

9

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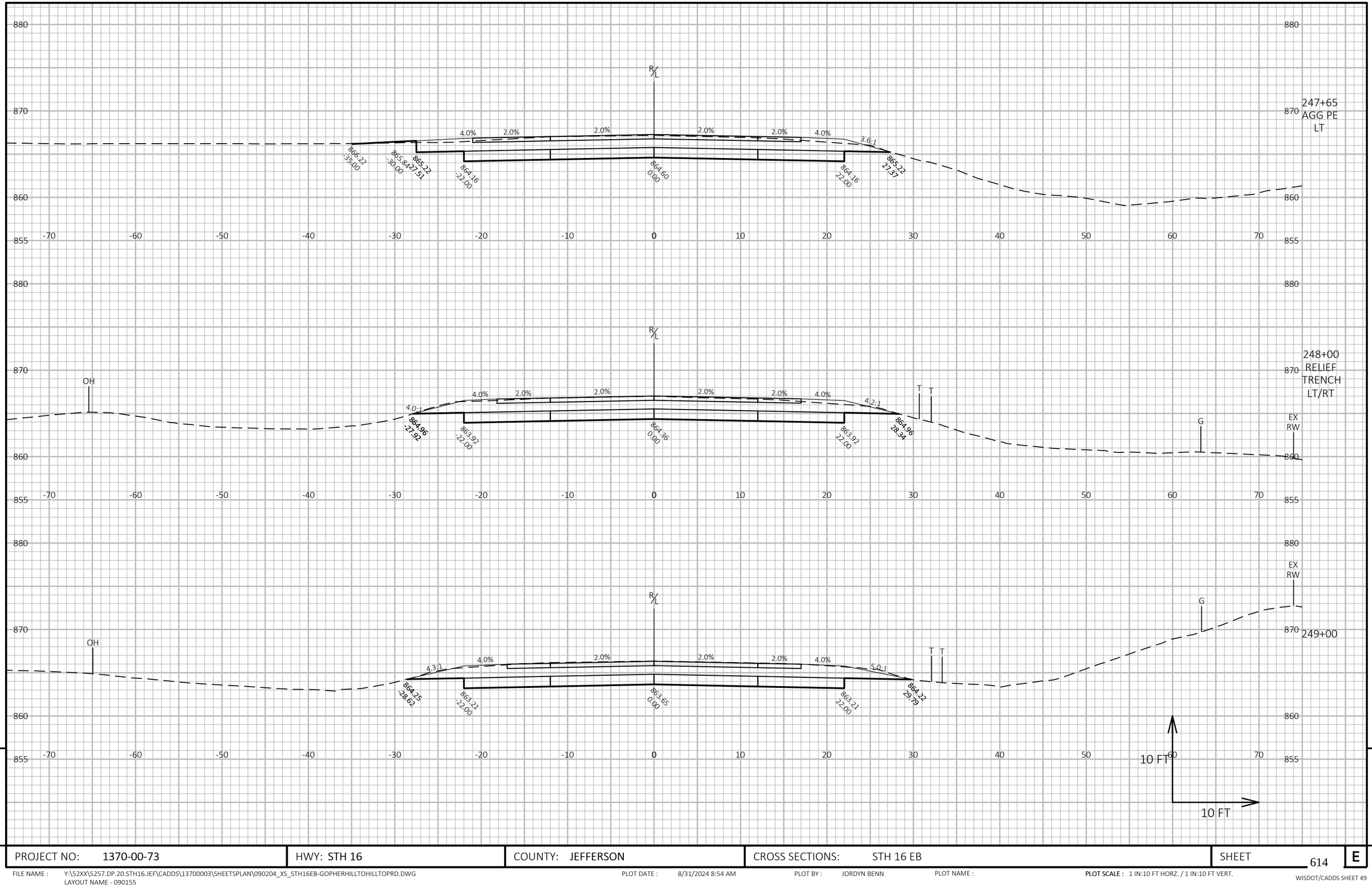
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 613	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090154

PLOT DATE : 8/31/2024 8:54 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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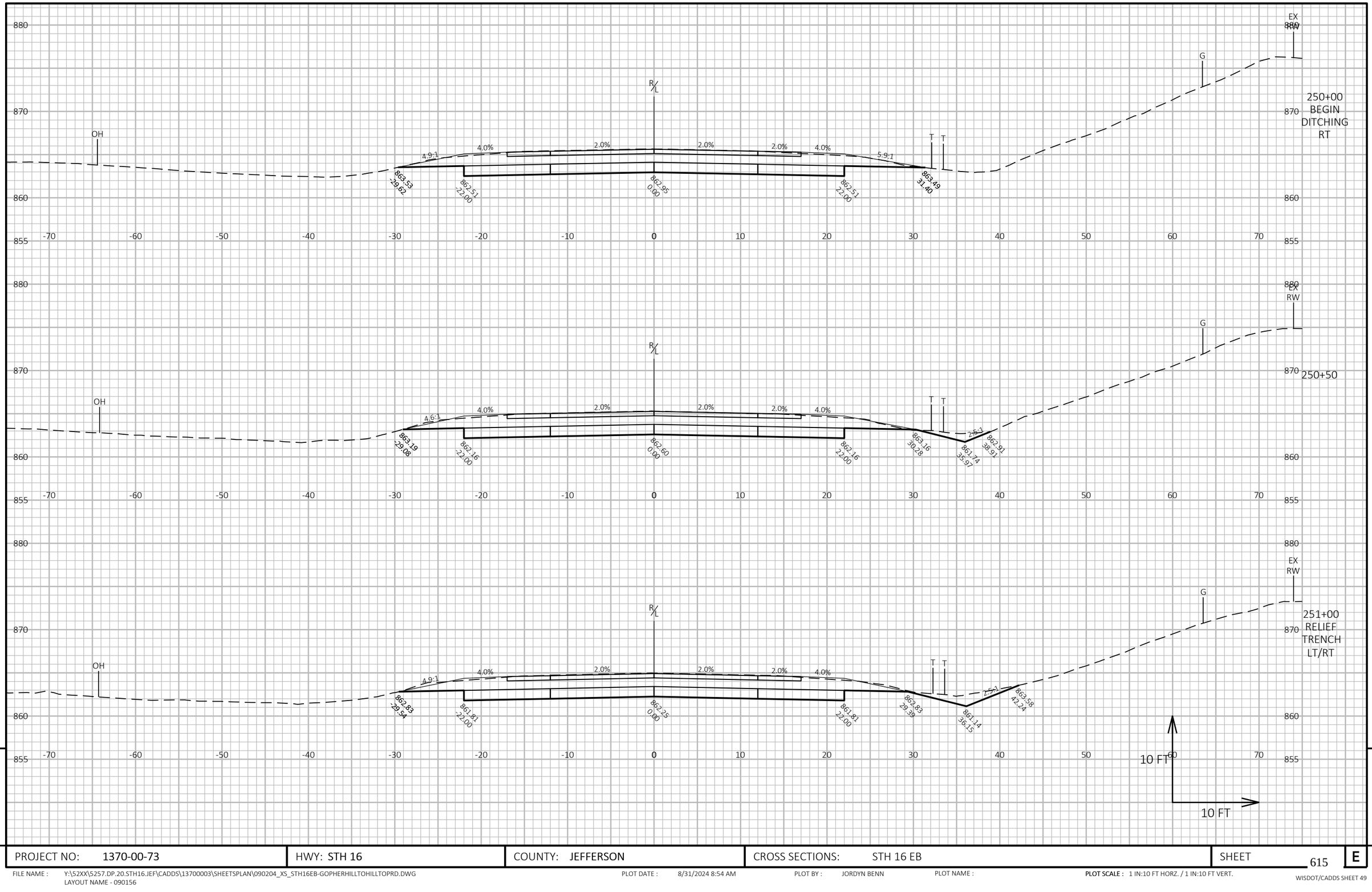
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 614	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090155

PLOT DATE : 8/31/2024 8:54 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 615	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090156

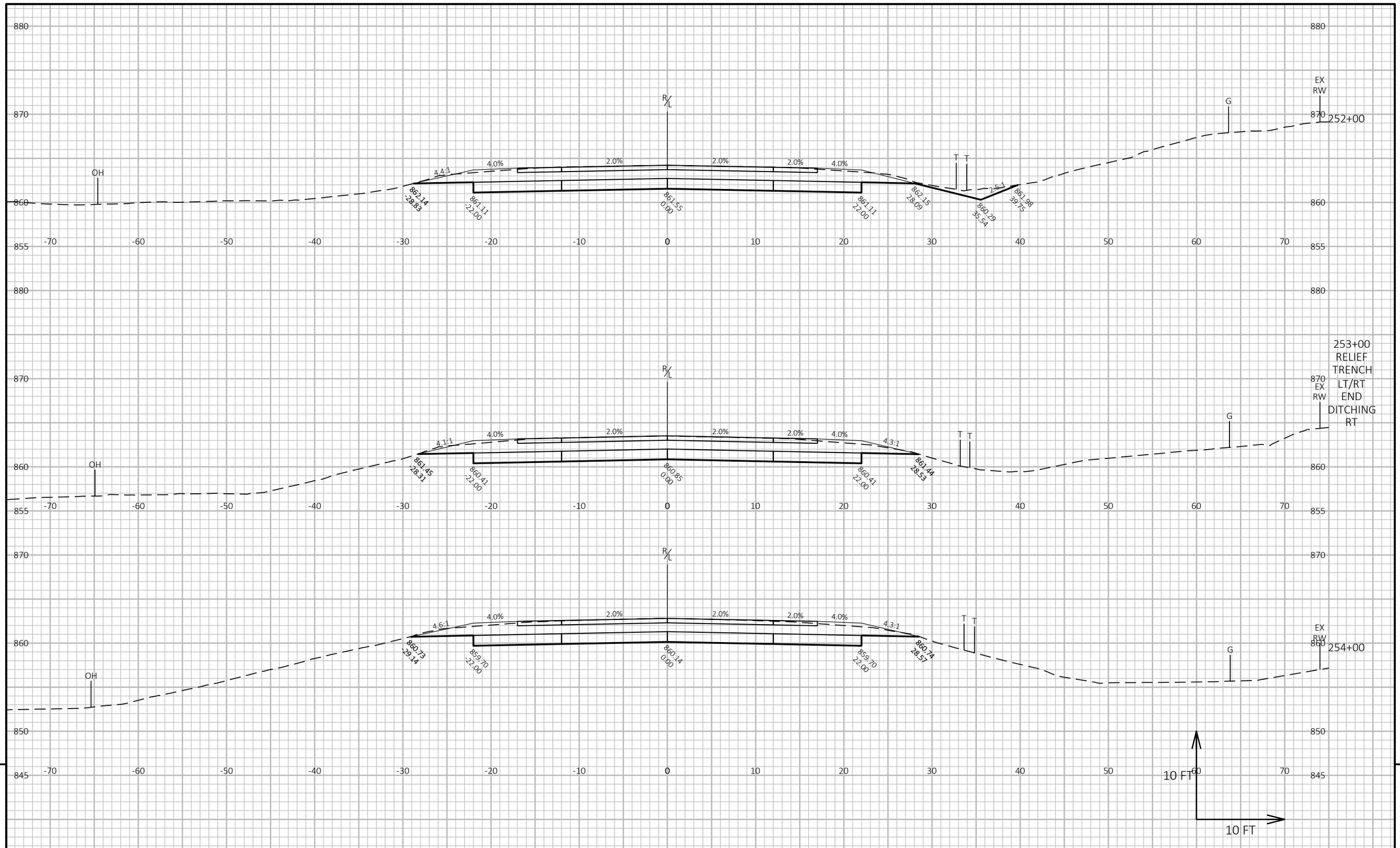
PLOT DATE : 8/31/2024 8:54 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 616	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090157

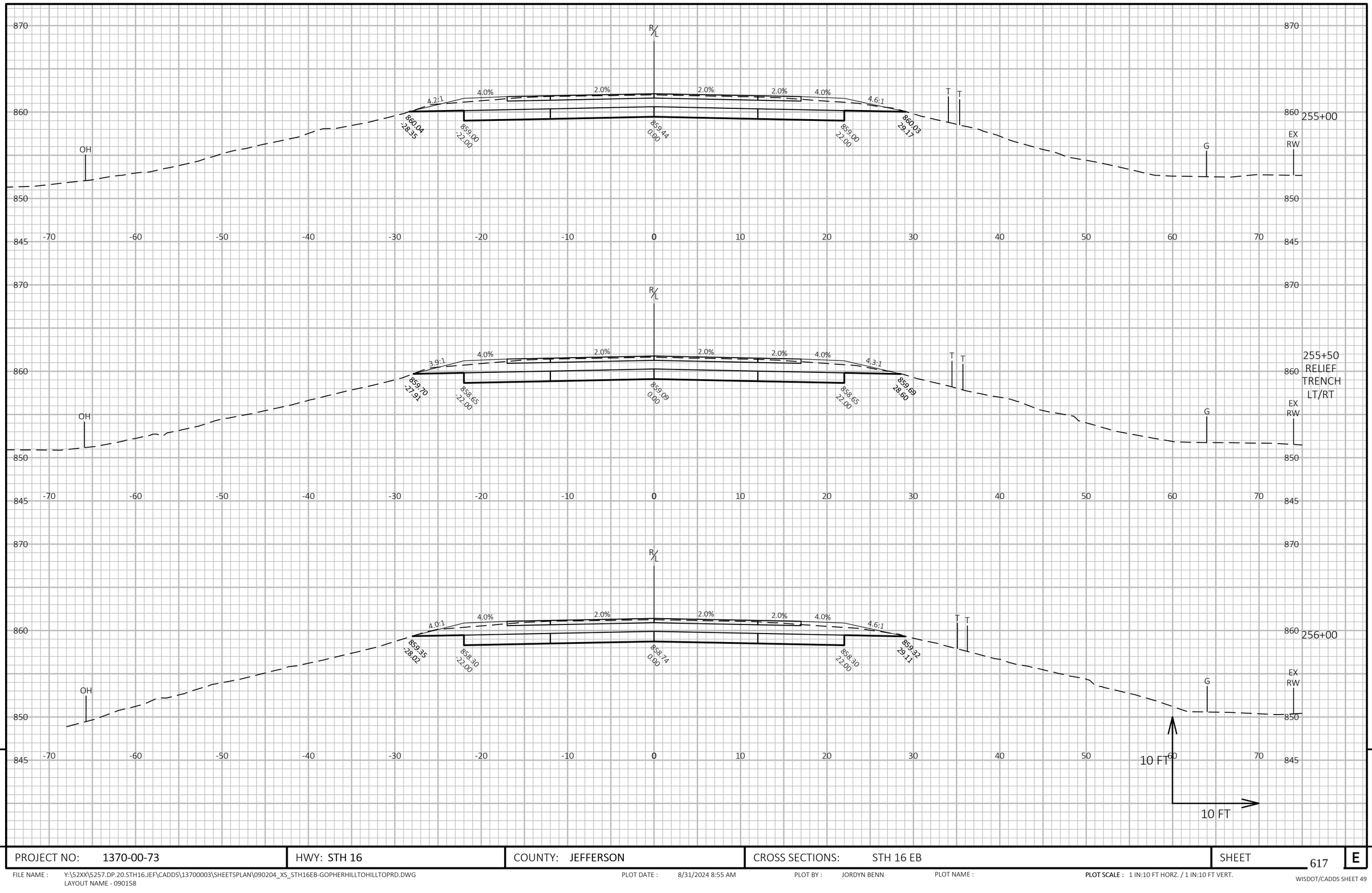
PLOT DATE : 8/31/2024 8:54 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

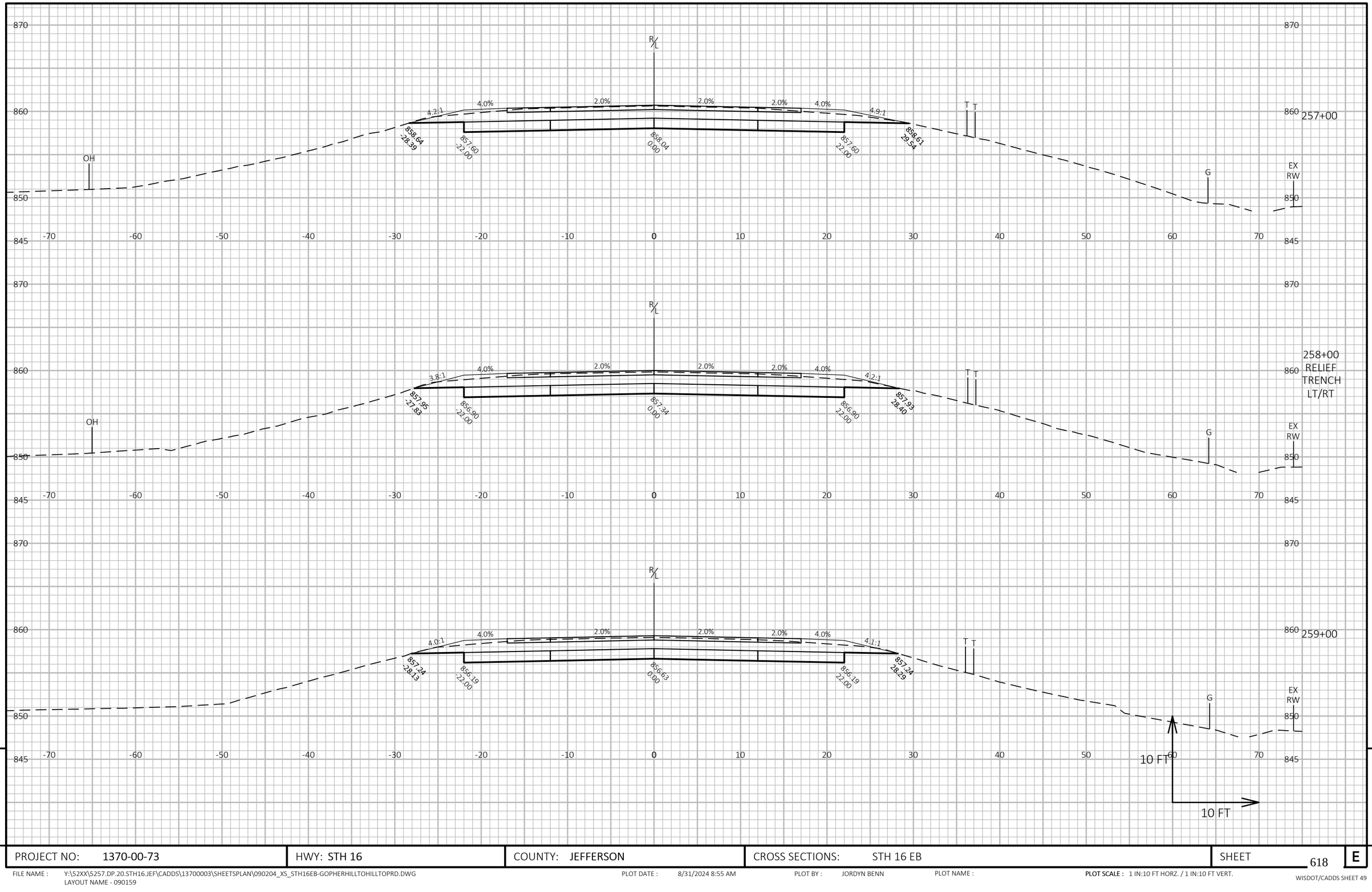


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 617	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090158

PLOT DATE : 8/31/2024 8:55 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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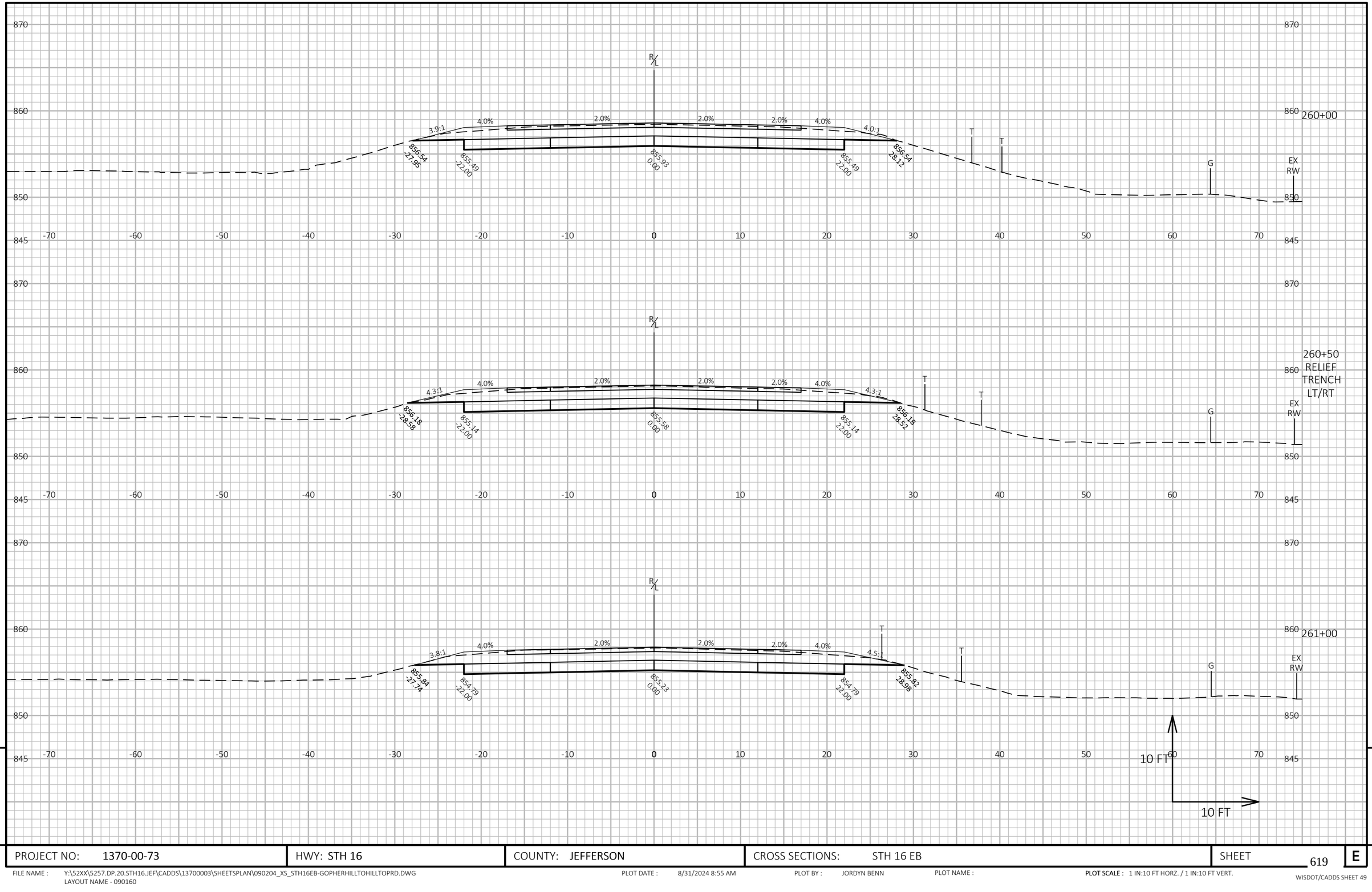
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 618	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090159

PLOT DATE : 8/31/2024 8:55 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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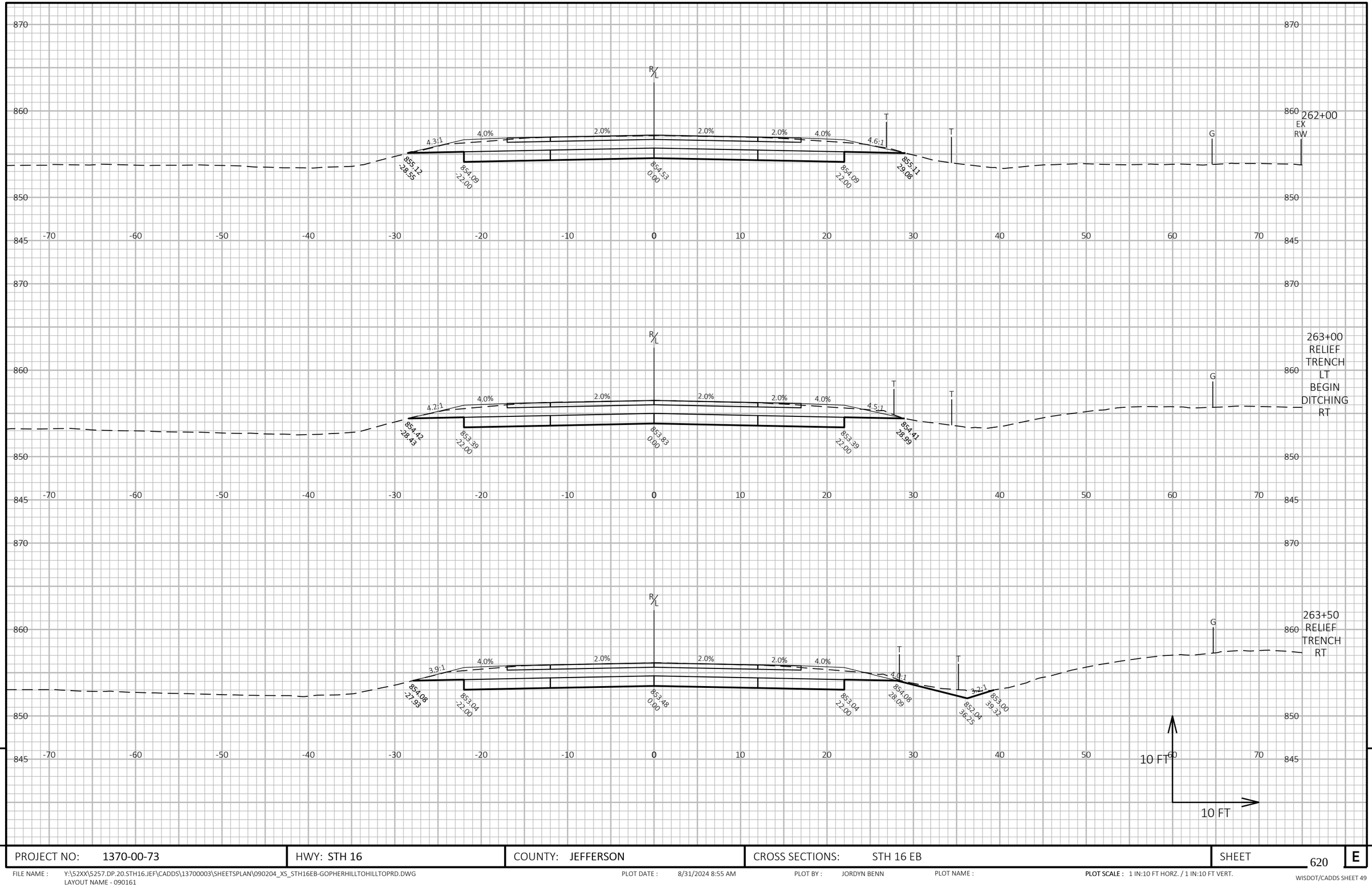
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 619	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090160

PLOT DATE : 8/31/2024 8:55 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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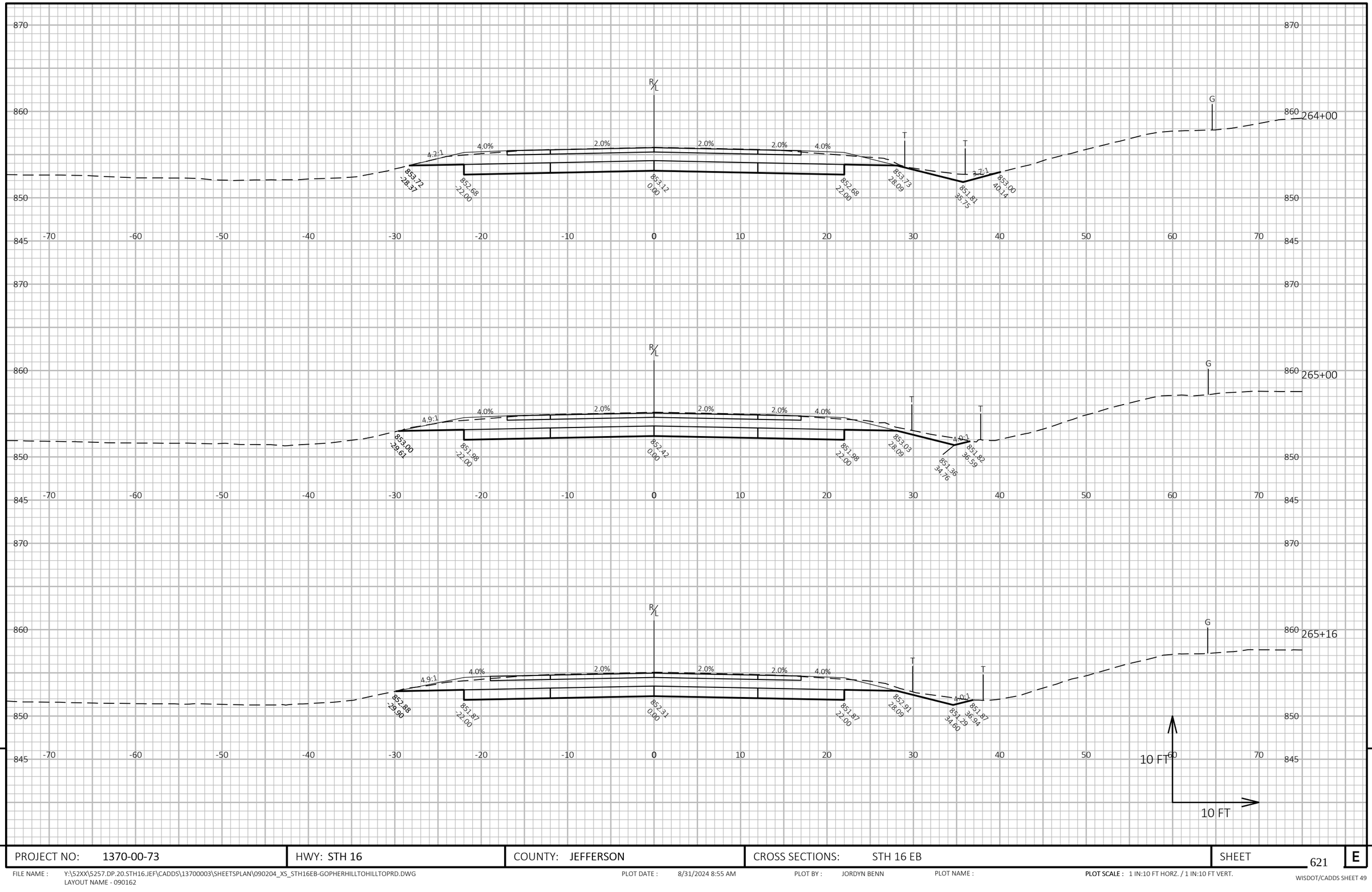
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 620	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090161

PLOT DATE : 8/31/2024 8:55 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 621	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090162

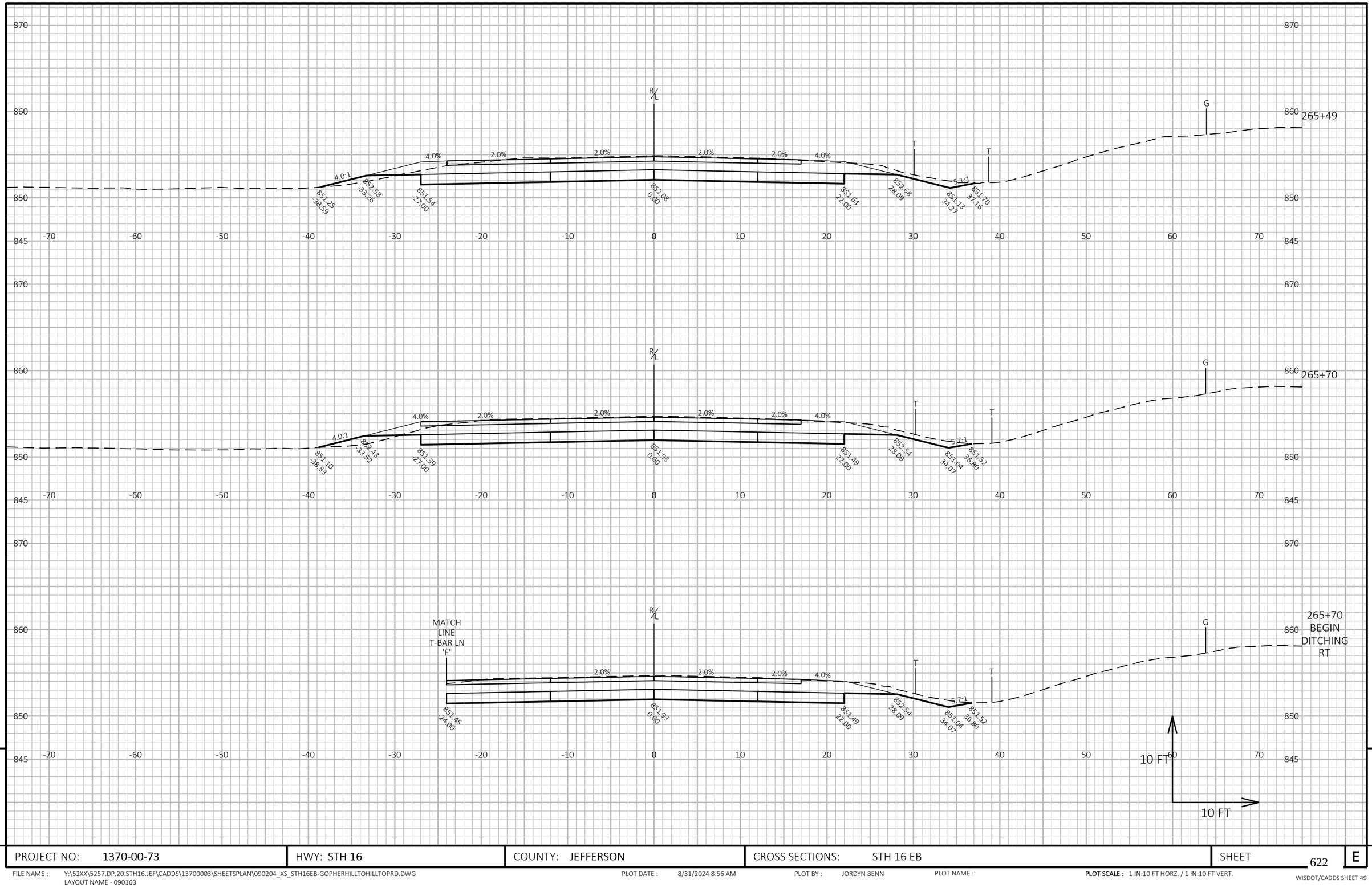
PLOT DATE : 8/31/2024 8:55 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 622 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090163

PLOT DATE : 8/31/2024 8:56 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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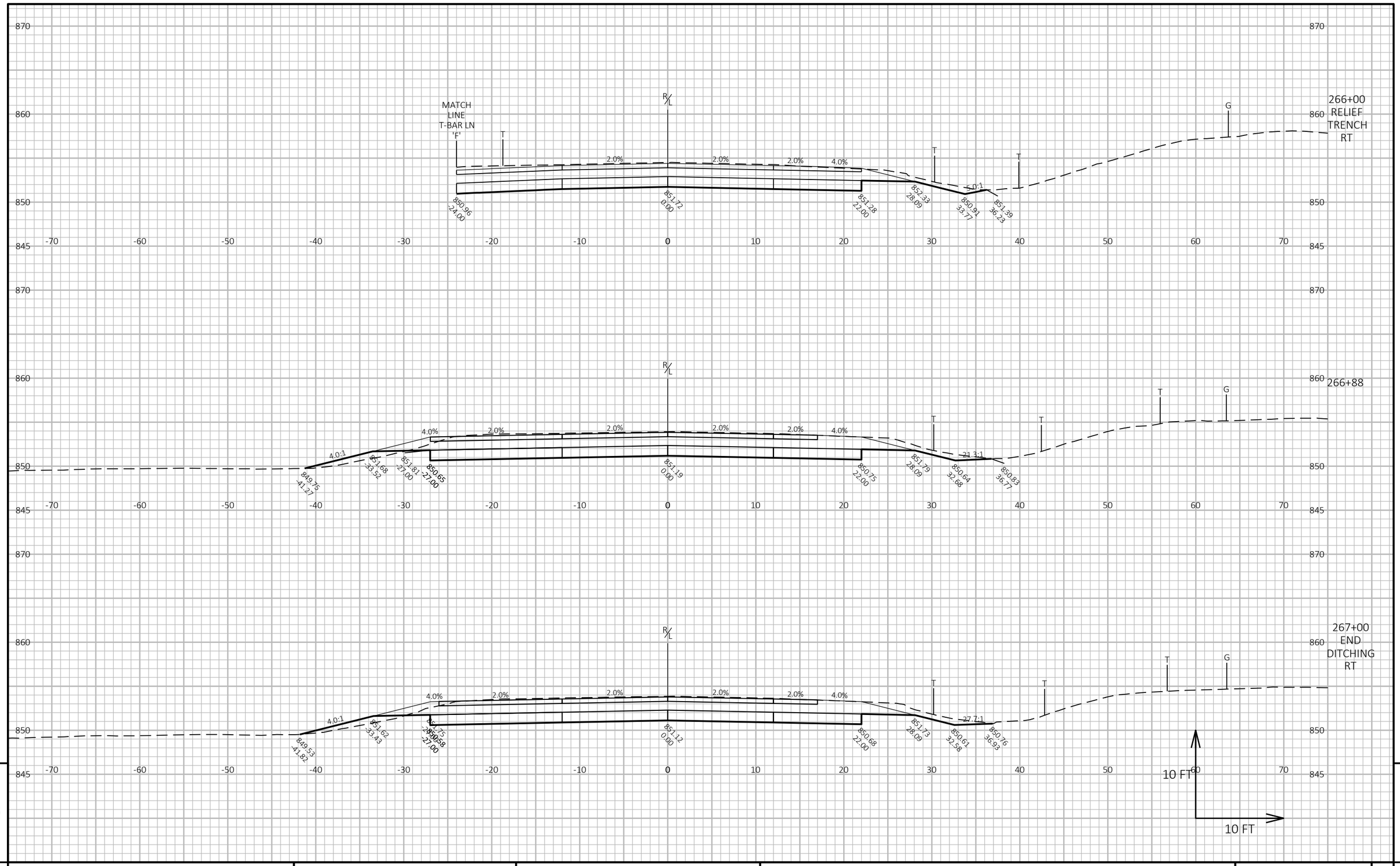

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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 623	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090164

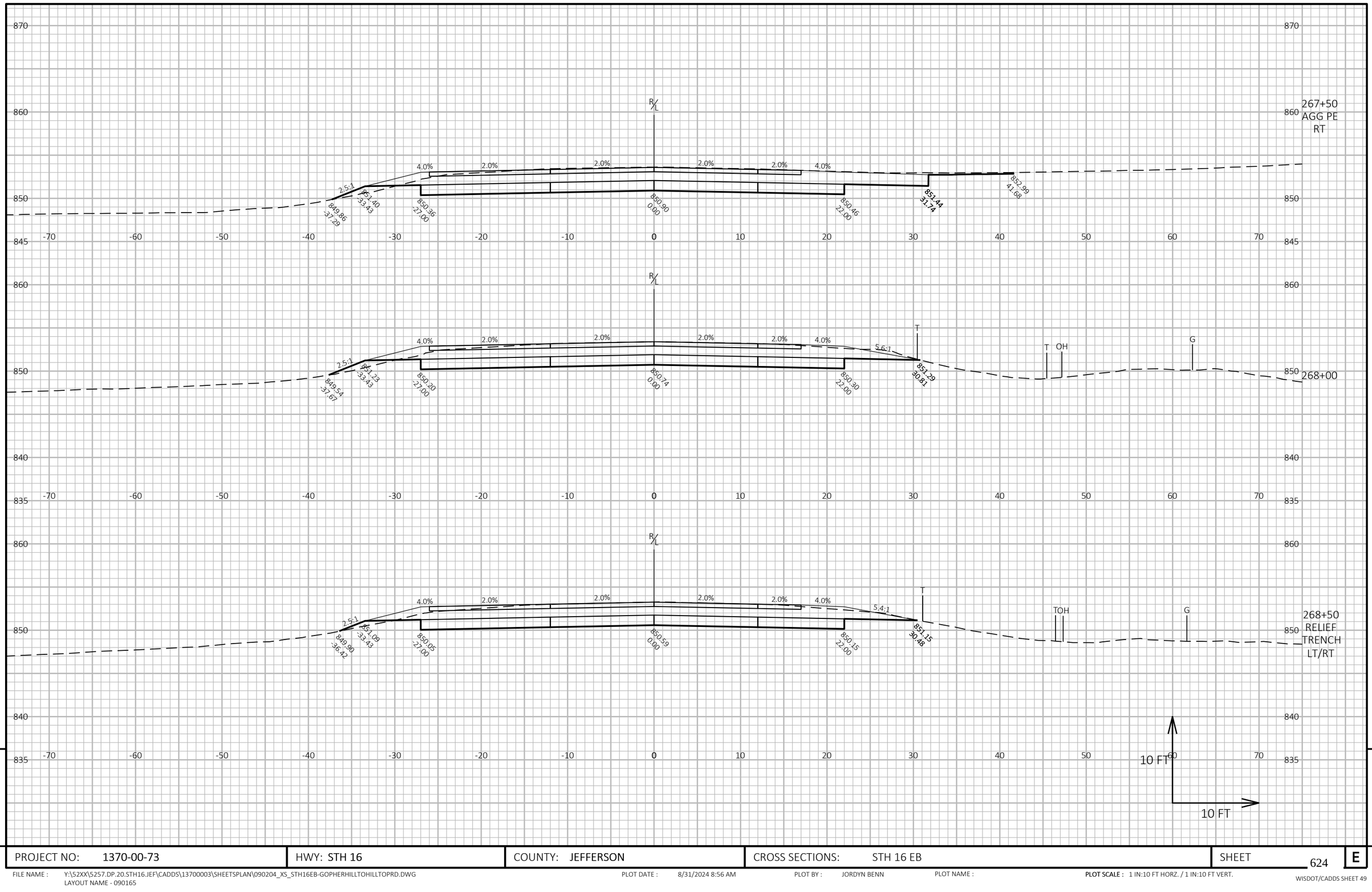
PLOT DATE : 8/31/2024 8:56 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

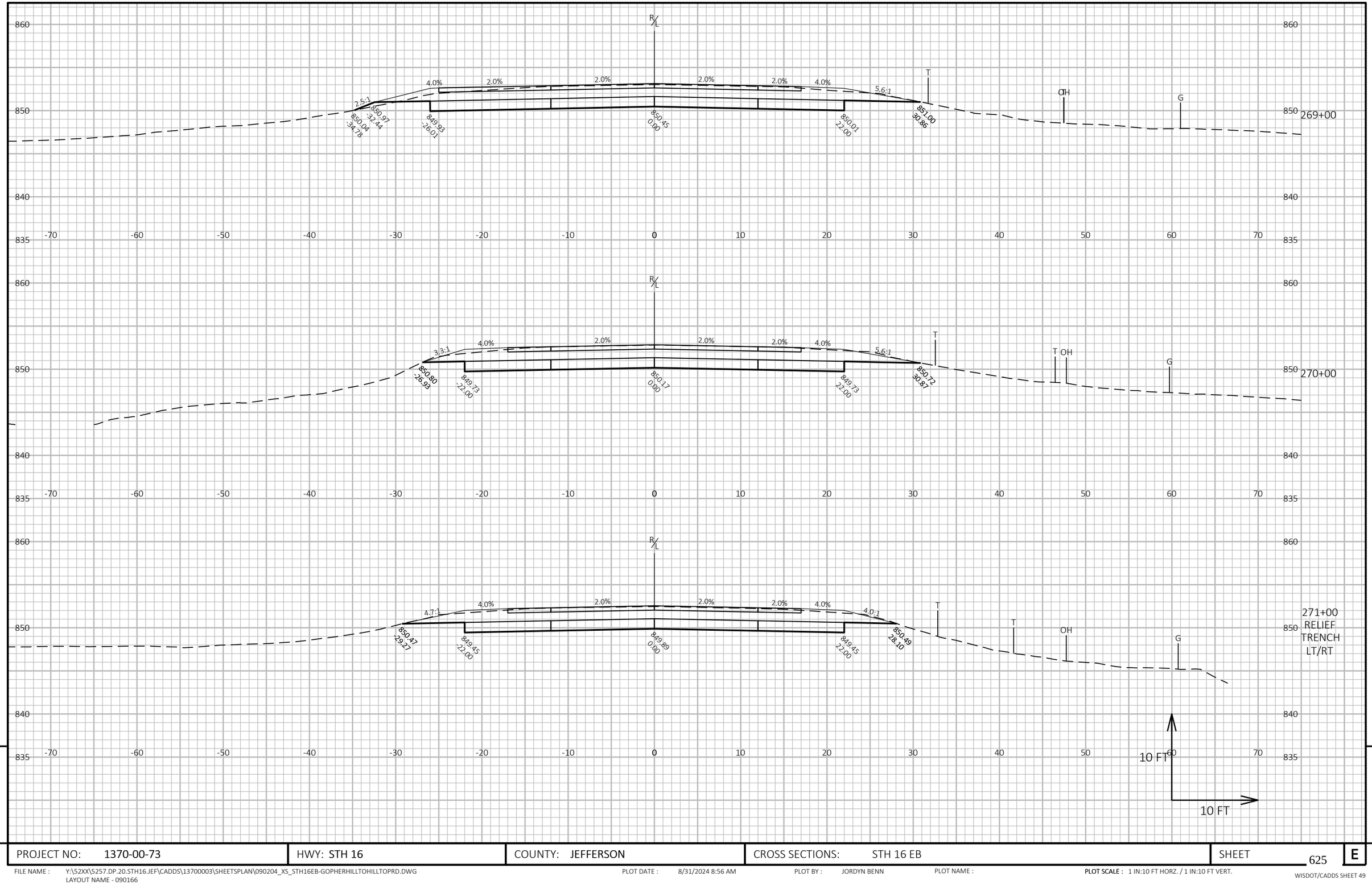


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 624	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090165

PLOT DATE : 8/31/2024 8:56 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

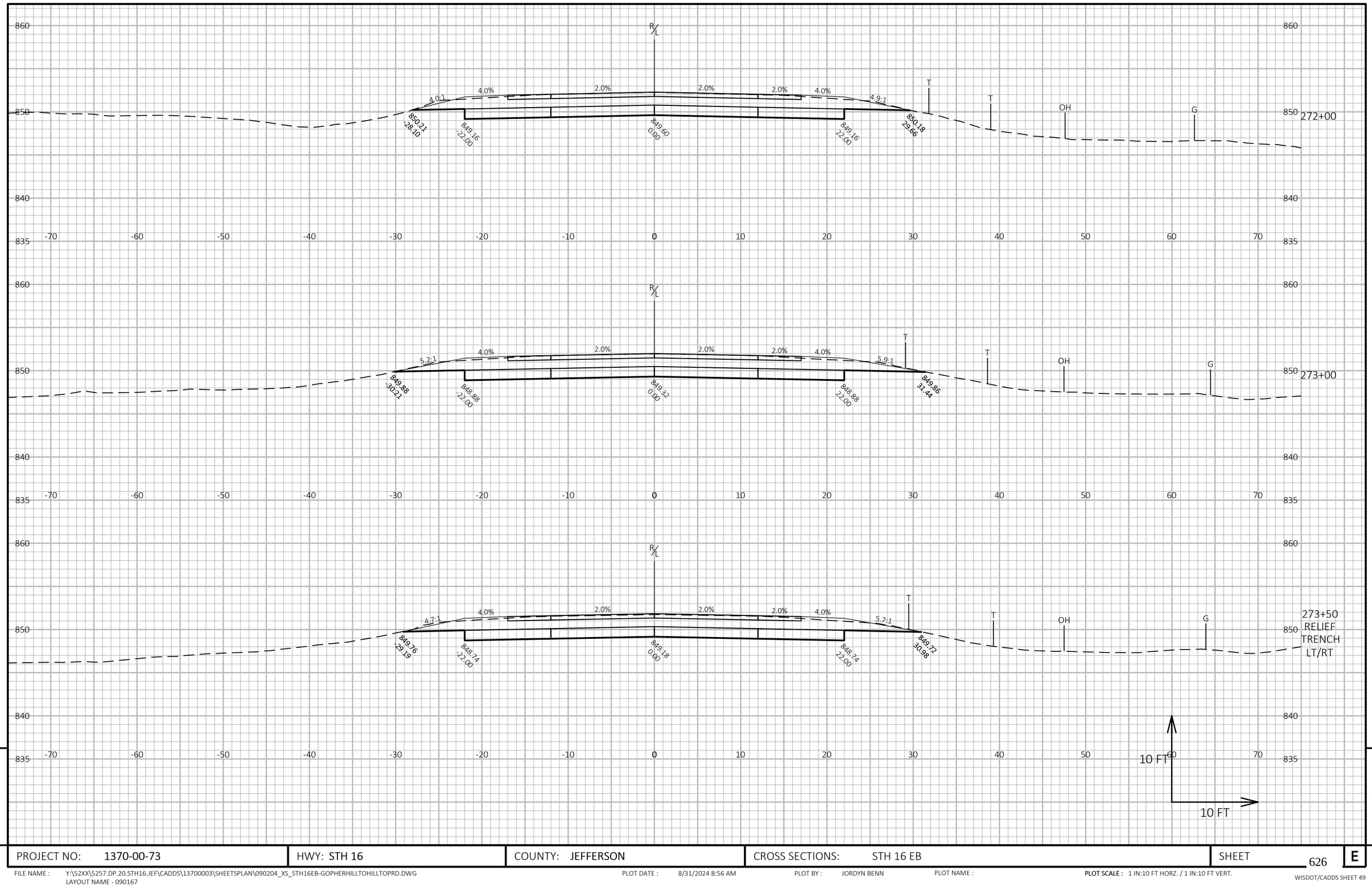


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 625	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090166

PLOT DATE : 8/31/2024 8:56 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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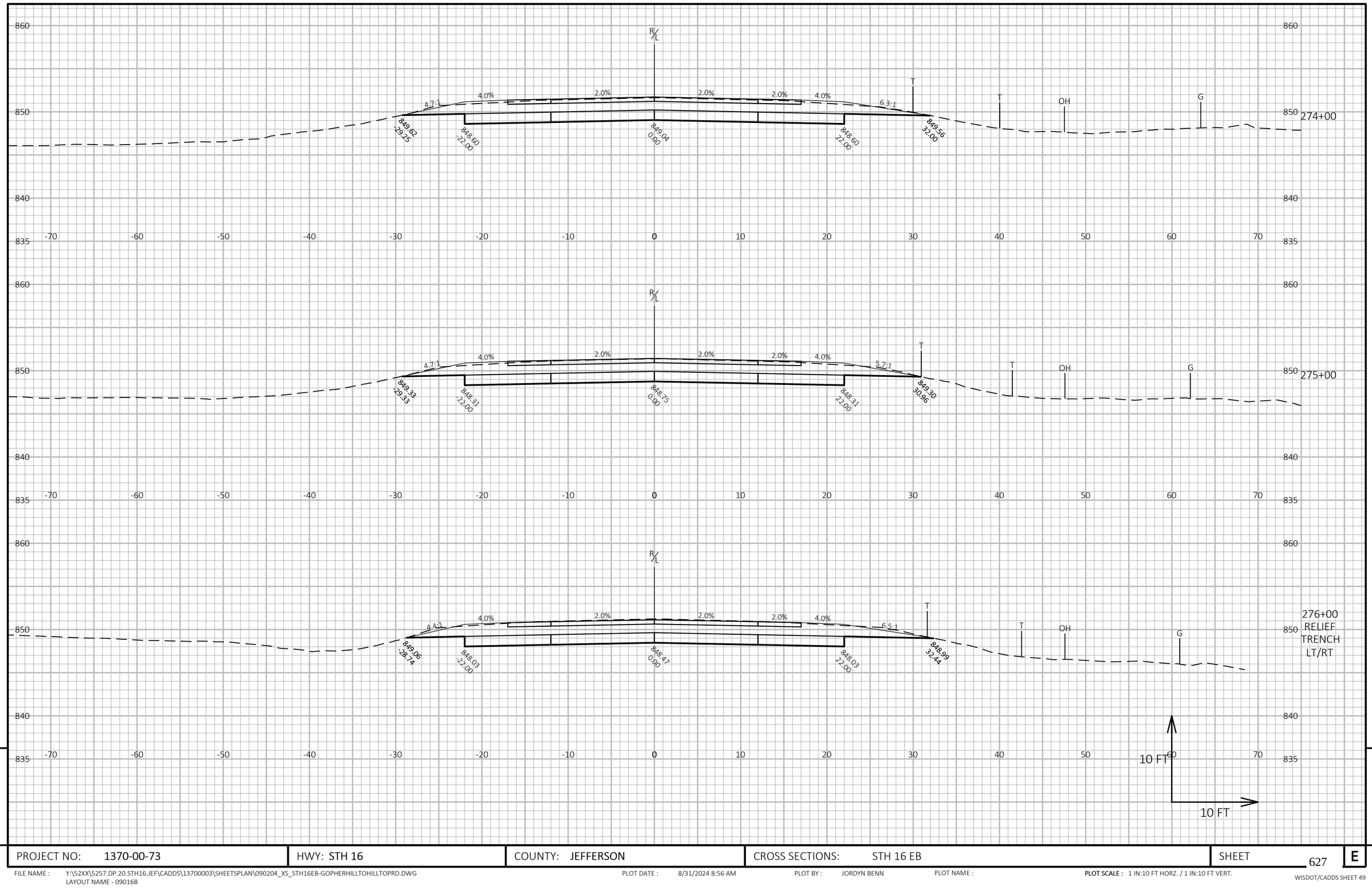
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 626	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090167

PLOT DATE : 8/31/2024 8:56 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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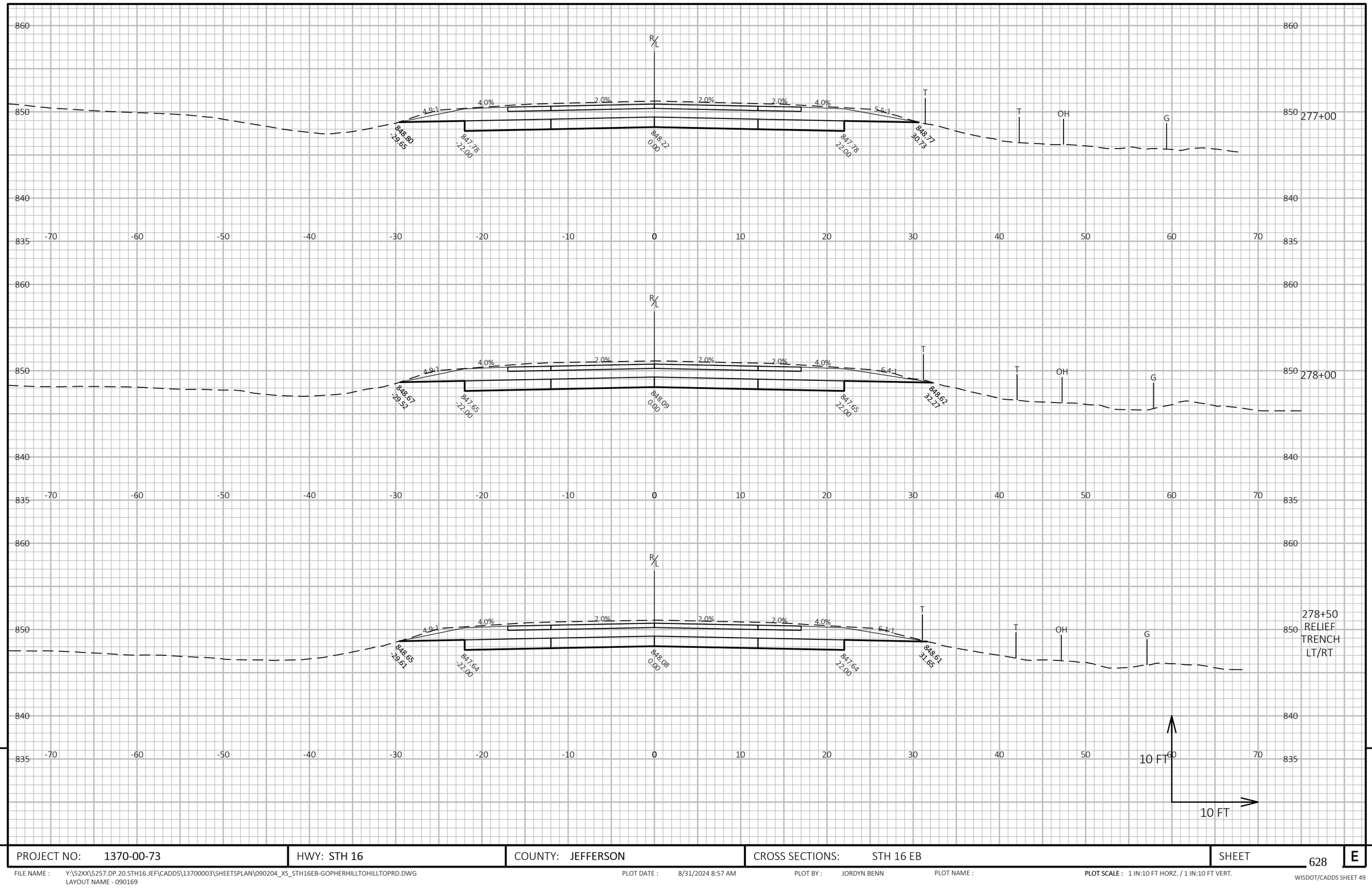
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 627	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090168

PLOT DATE : 8/31/2024 8:56 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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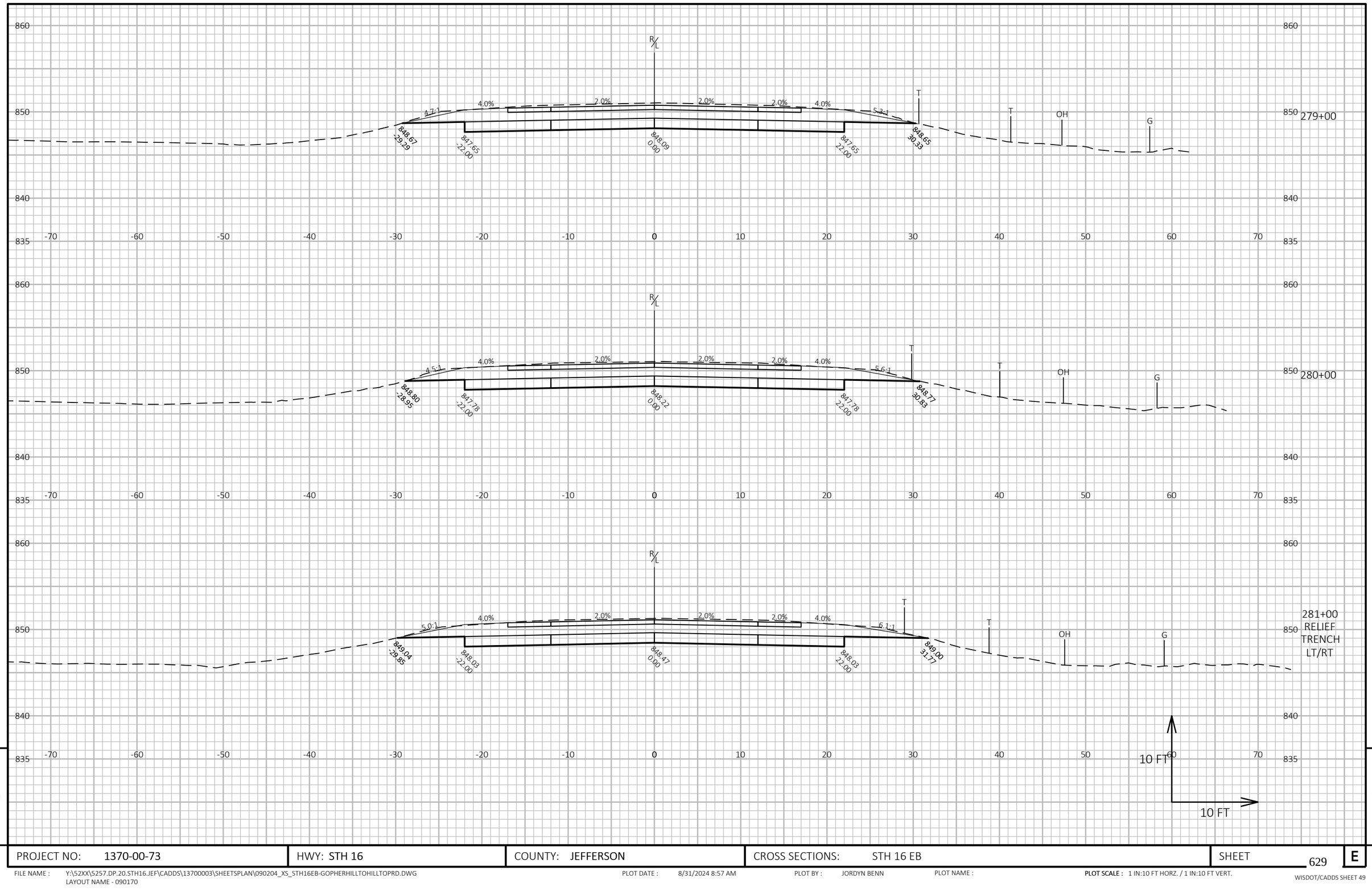
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 628	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090169

PLOT DATE : 8/31/2024 8:57 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

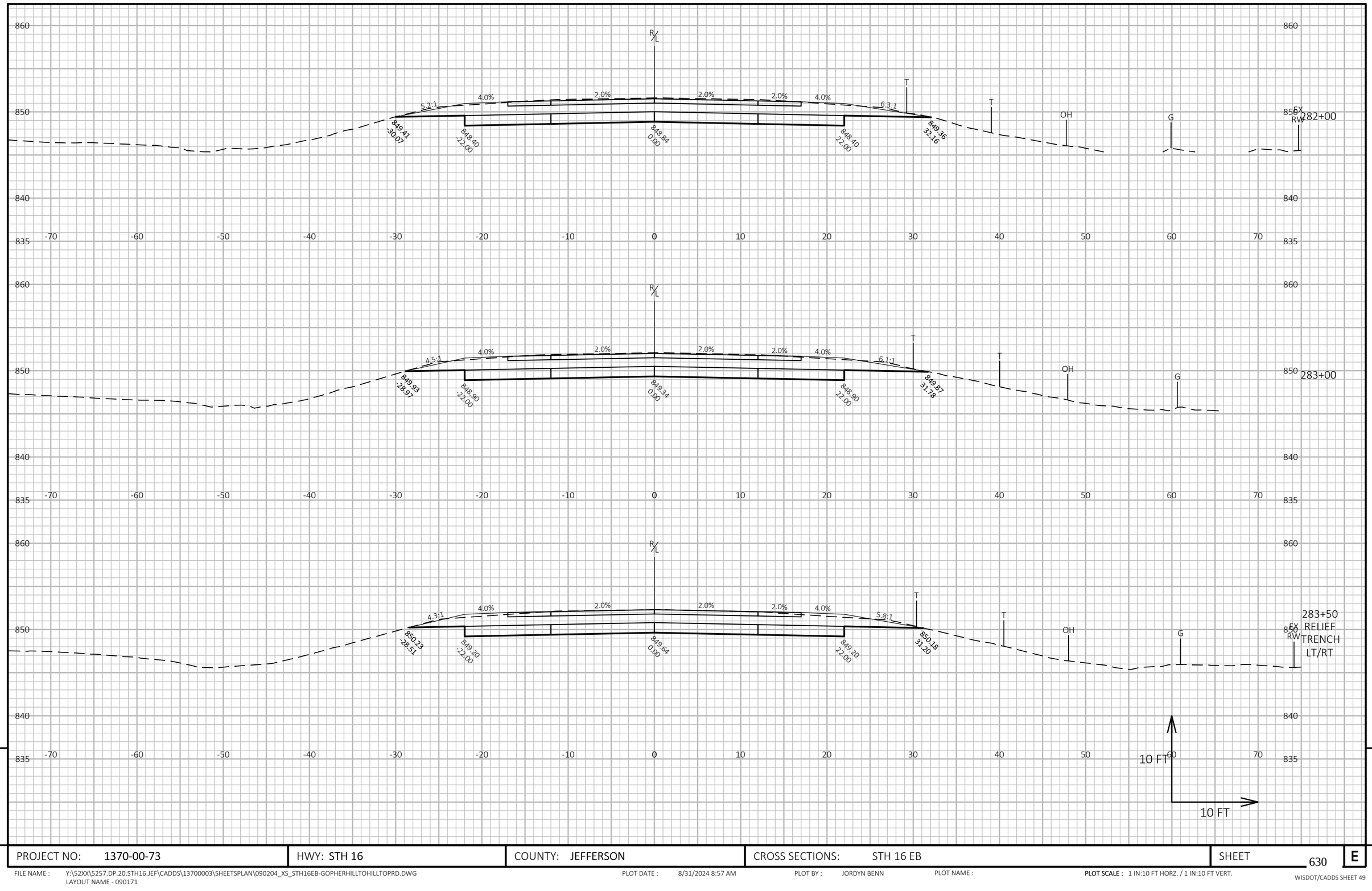


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 629	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090170

PLOT DATE : 8/31/2024 8:57 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 630	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090171

PLOT DATE : 8/31/2024 8:57 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 631	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090172

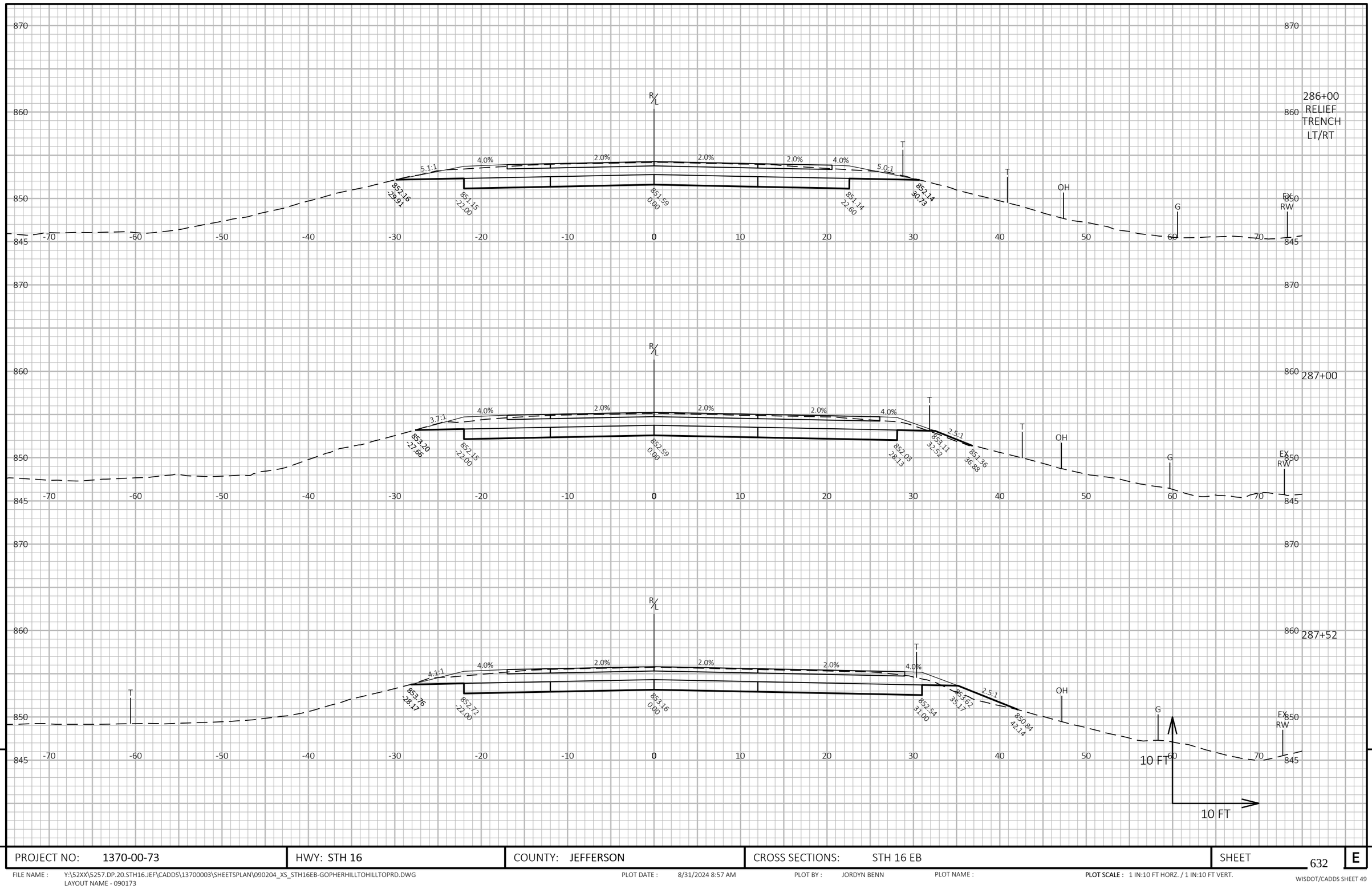
PLOT DATE : 8/31/2024 8:57 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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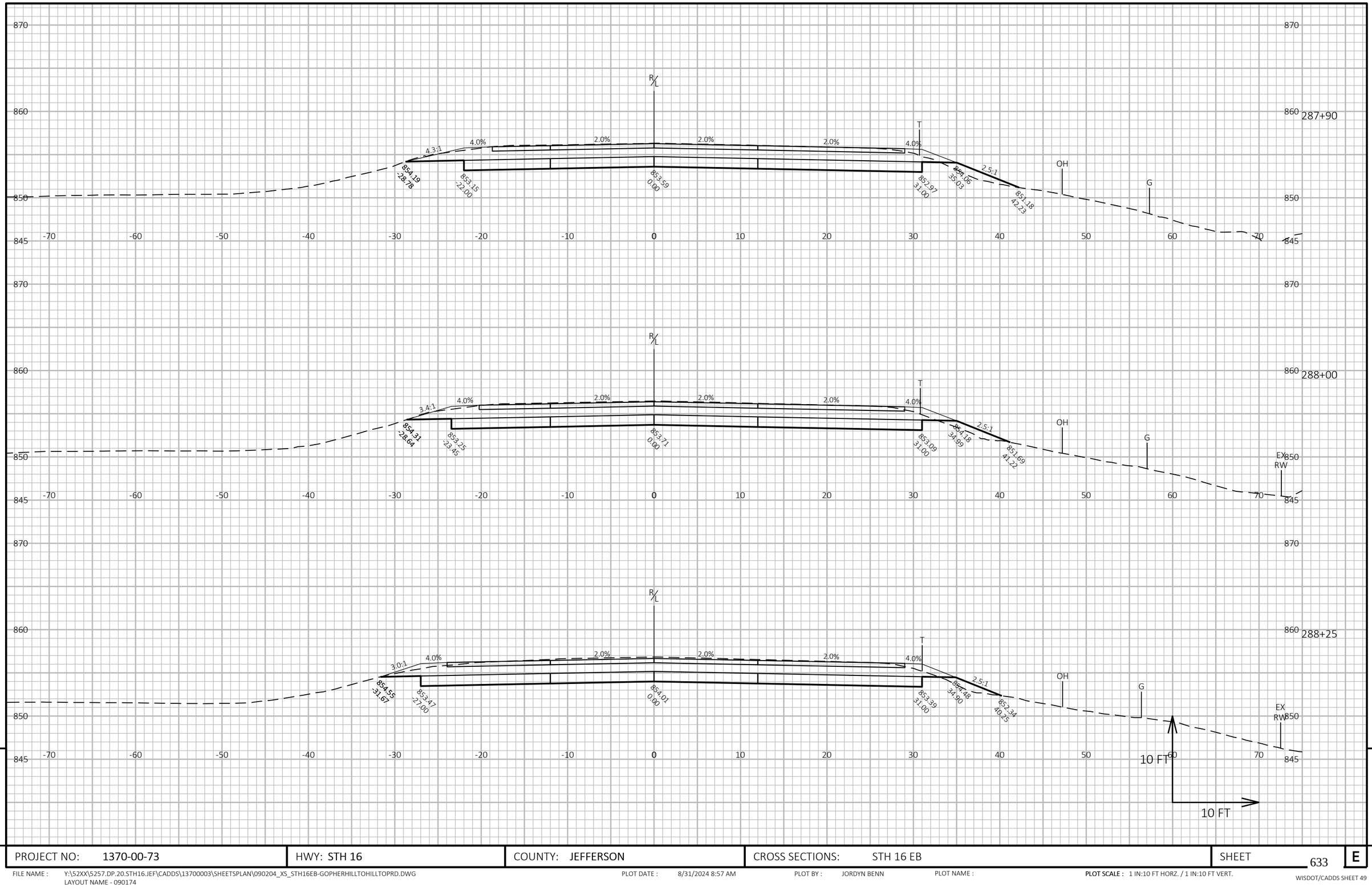
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 632	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090173

PLOT DATE : 8/31/2024 8:57 AM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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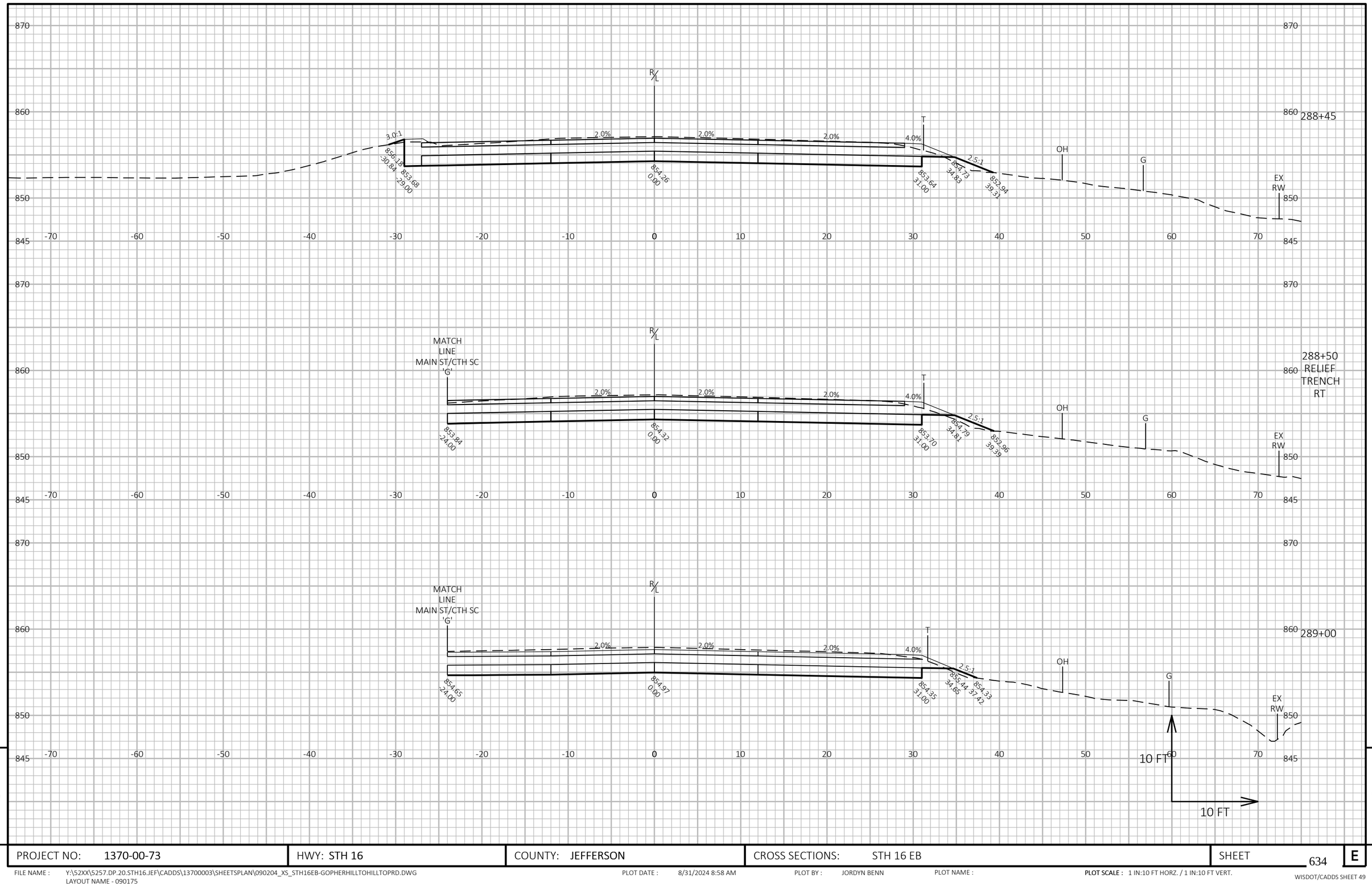
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 633	E

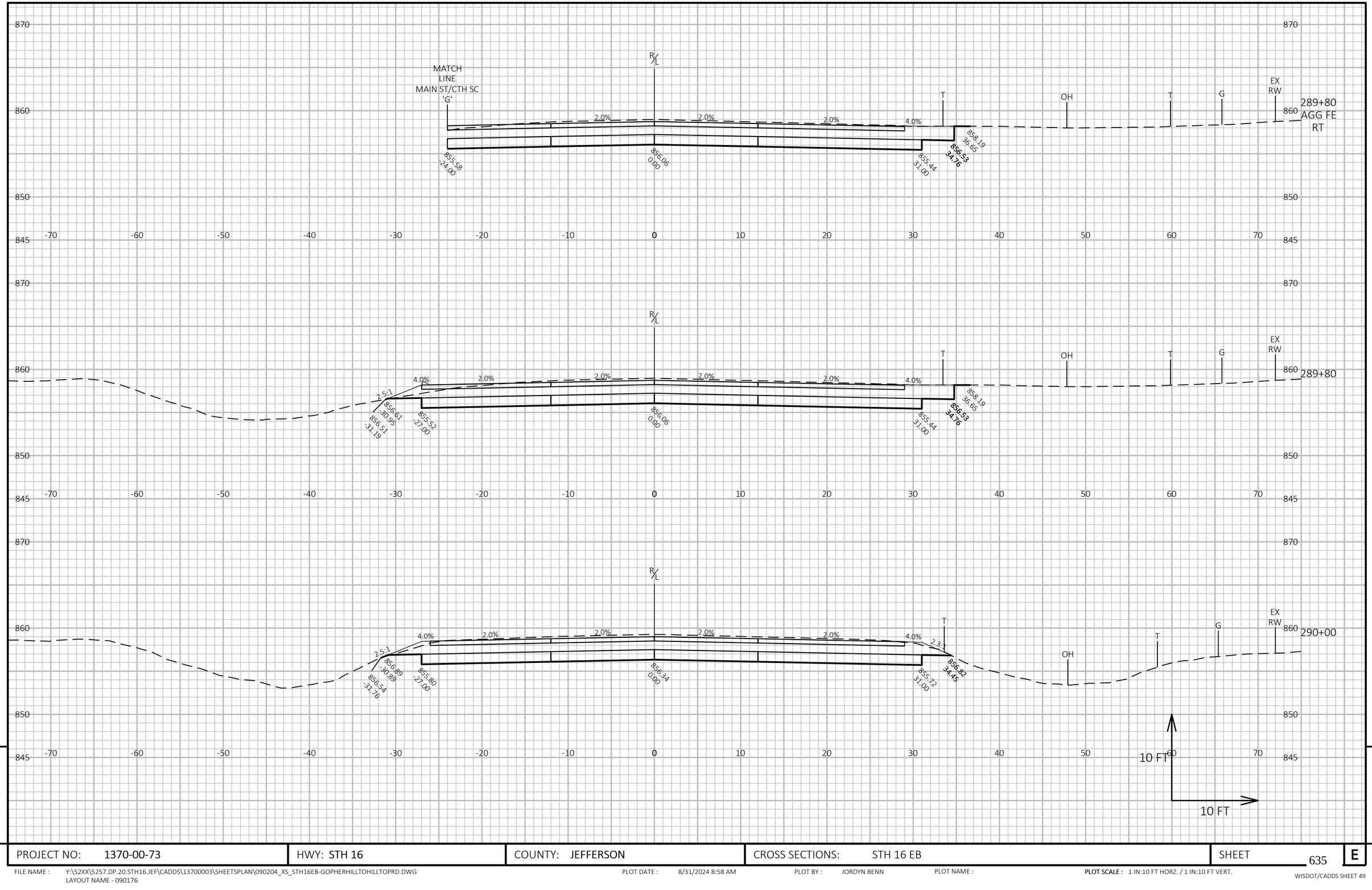
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090174

PLOT DATE : 8/31/2024 8:57 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 634 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090175
PLOT DATE : 8/31/2024 8:58 AM
PLOT BY : JORDYN BENN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



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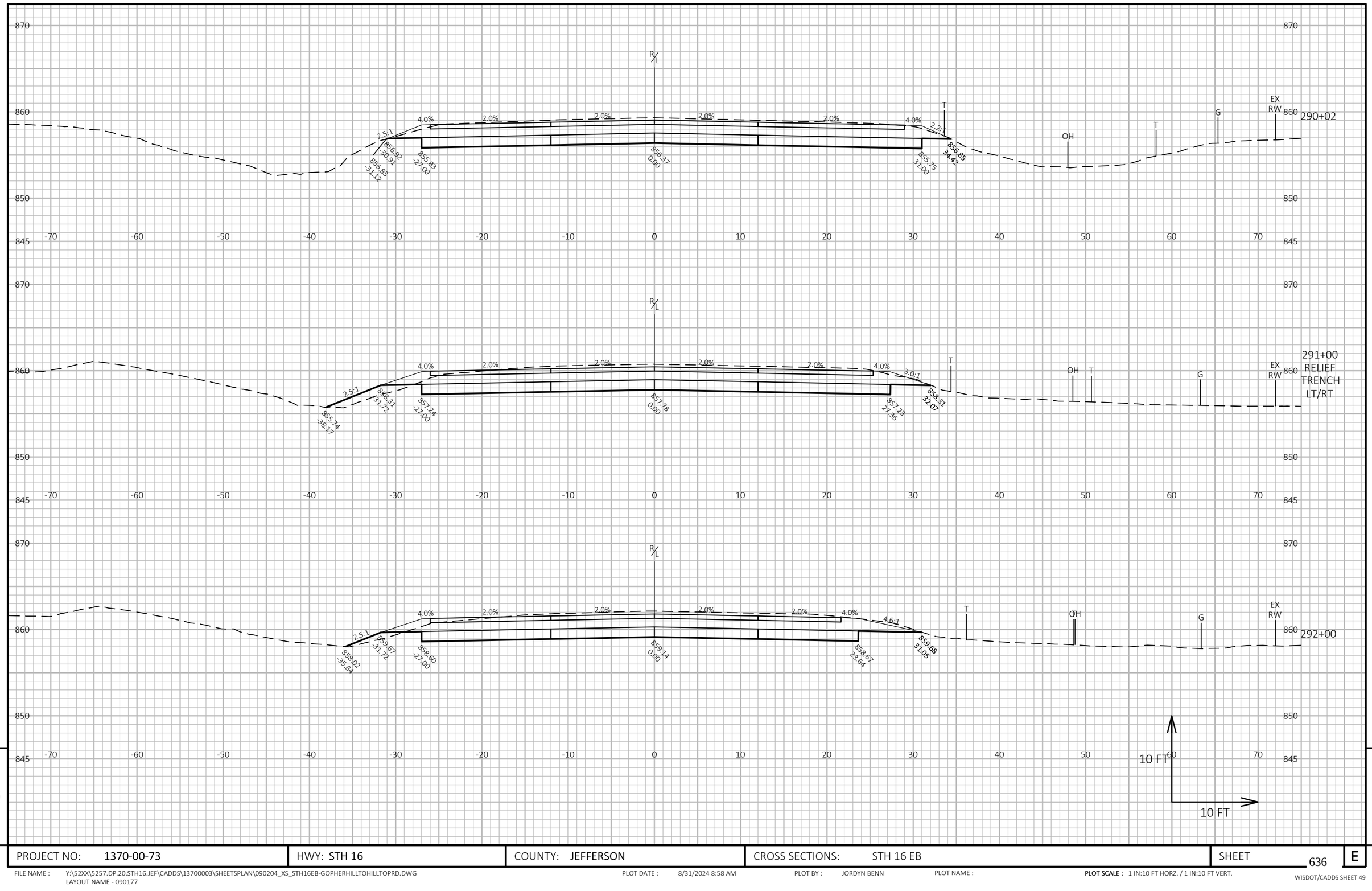
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 635	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090176

PLOT DATE : 8/31/2024 8:58 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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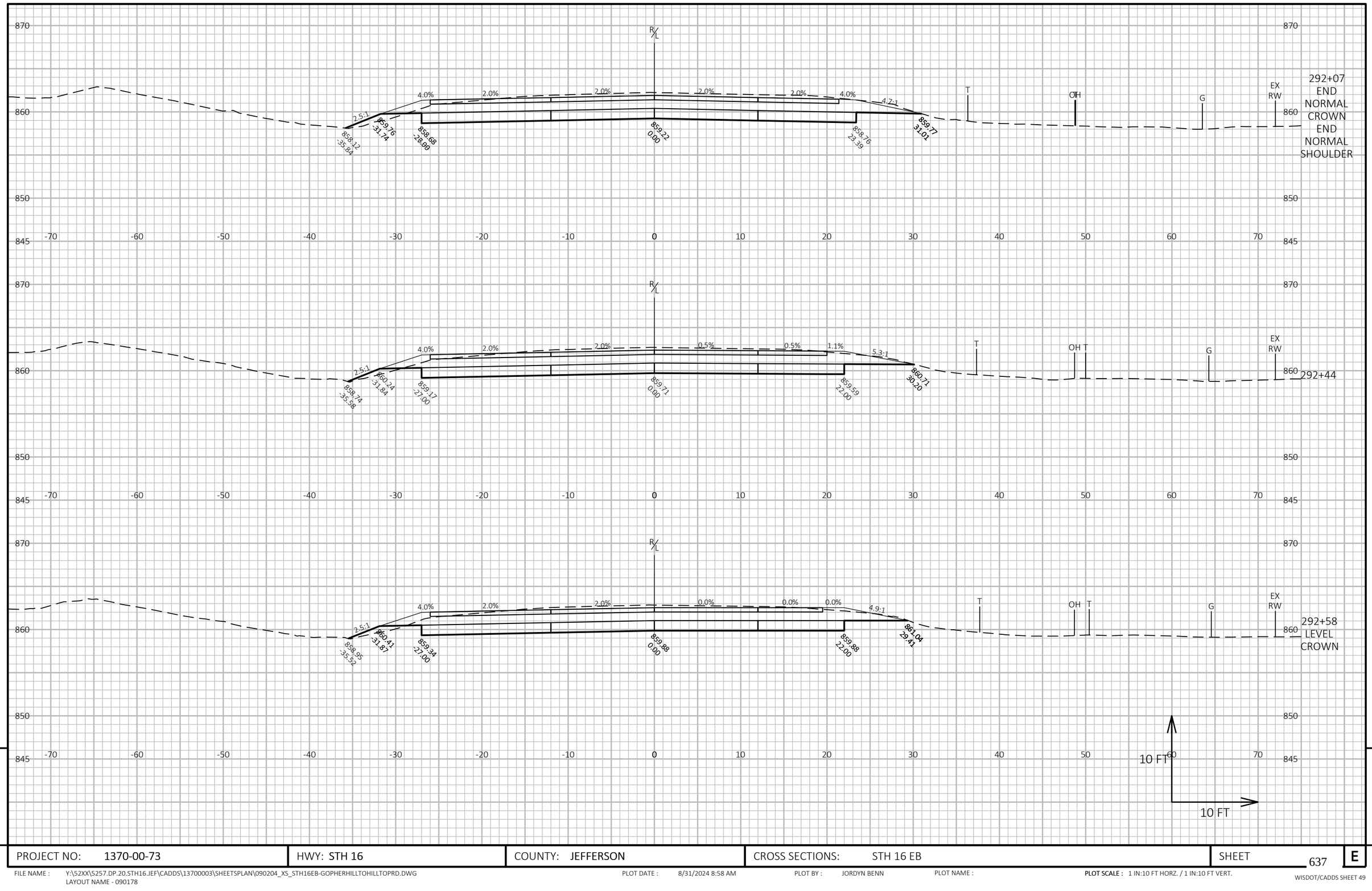
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 636	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090177

PLOT DATE : 8/31/2024 8:58 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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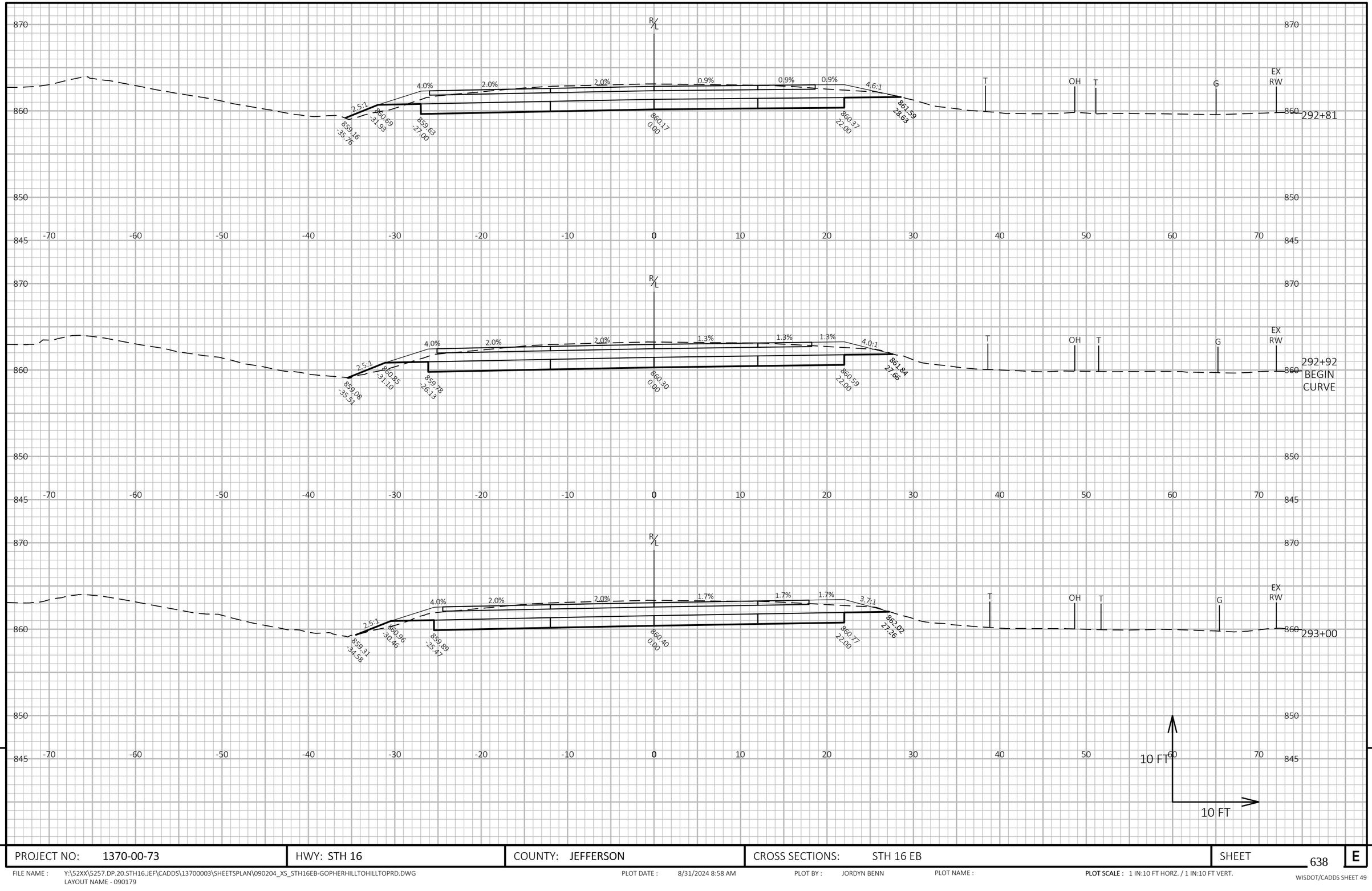
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 637	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090178

PLOT DATE : 8/31/2024 8:58 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 638	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090179

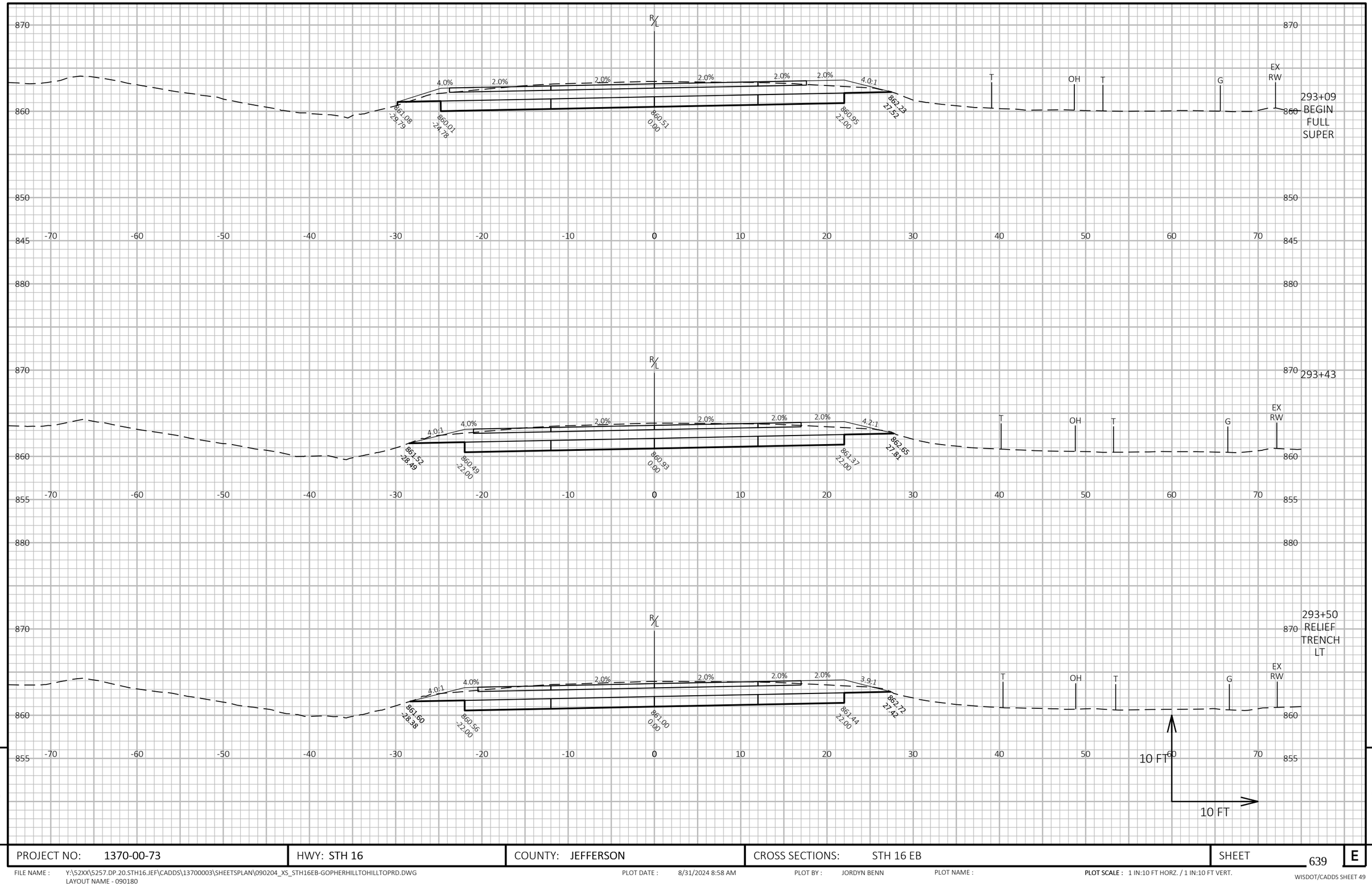
PLOT DATE : 8/31/2024 8:58 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

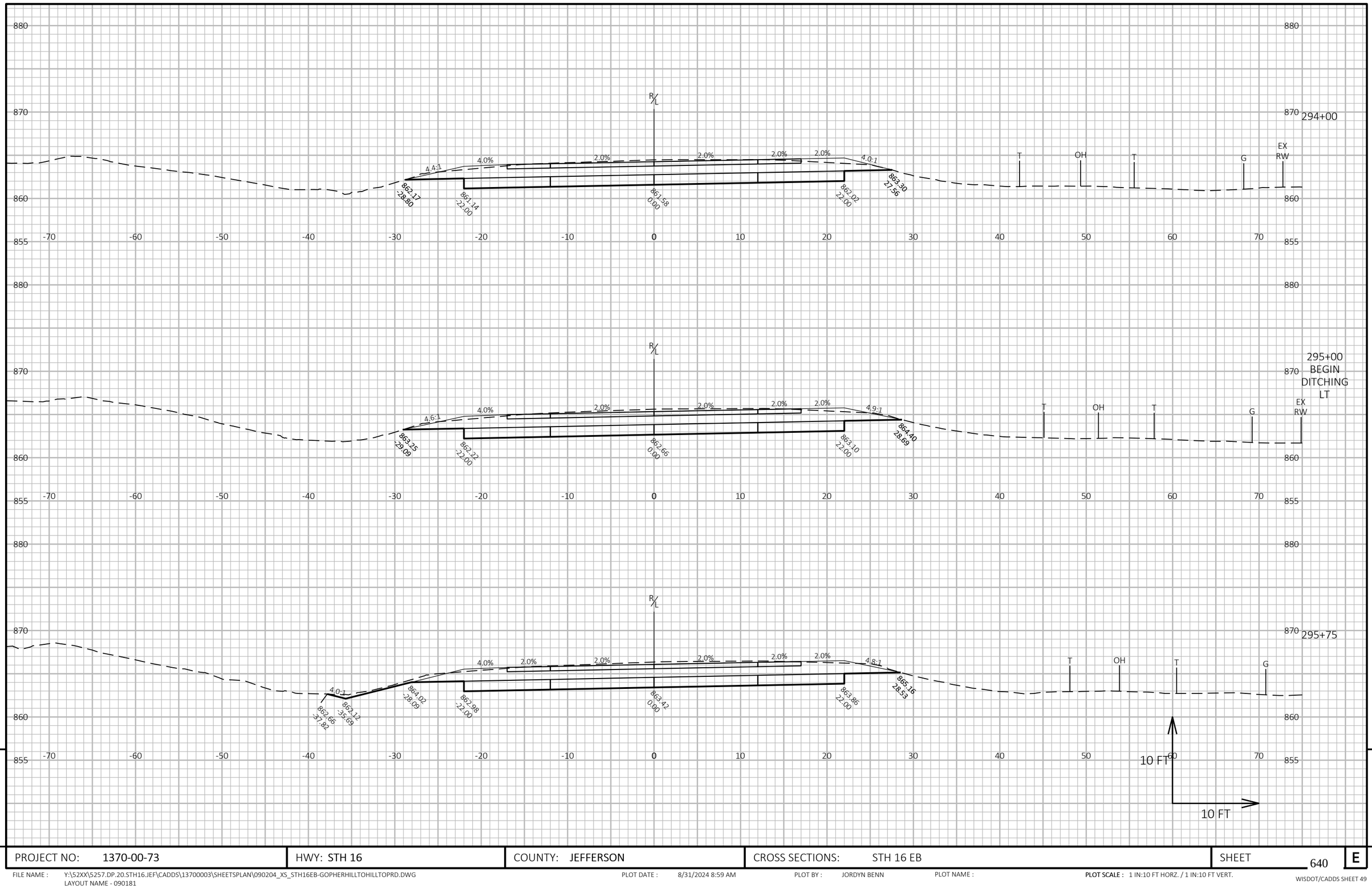


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 639	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090180

PLOT DATE : 8/31/2024 8:58 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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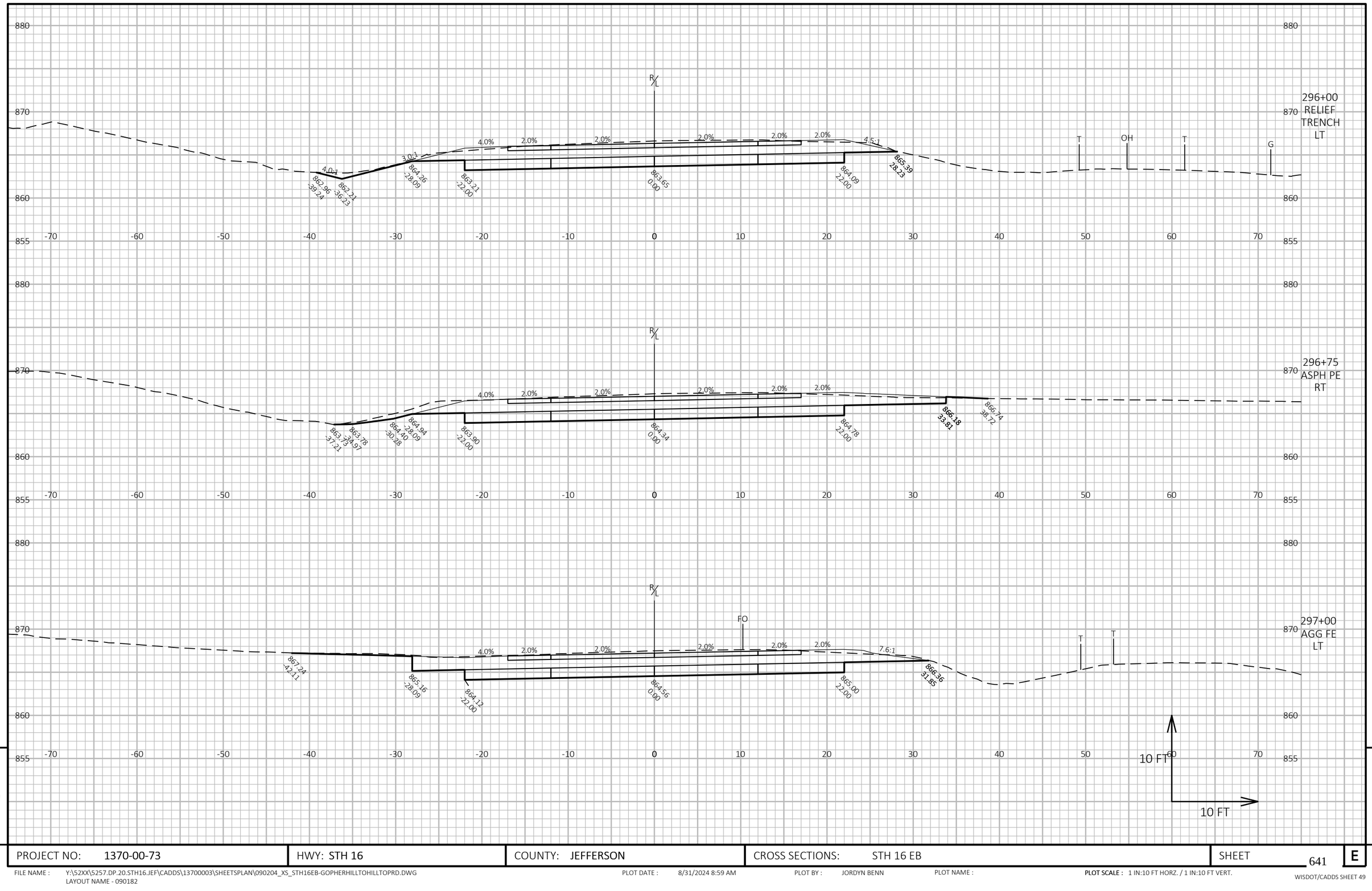
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 640	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090181

PLOT DATE : 8/31/2024 8:59 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

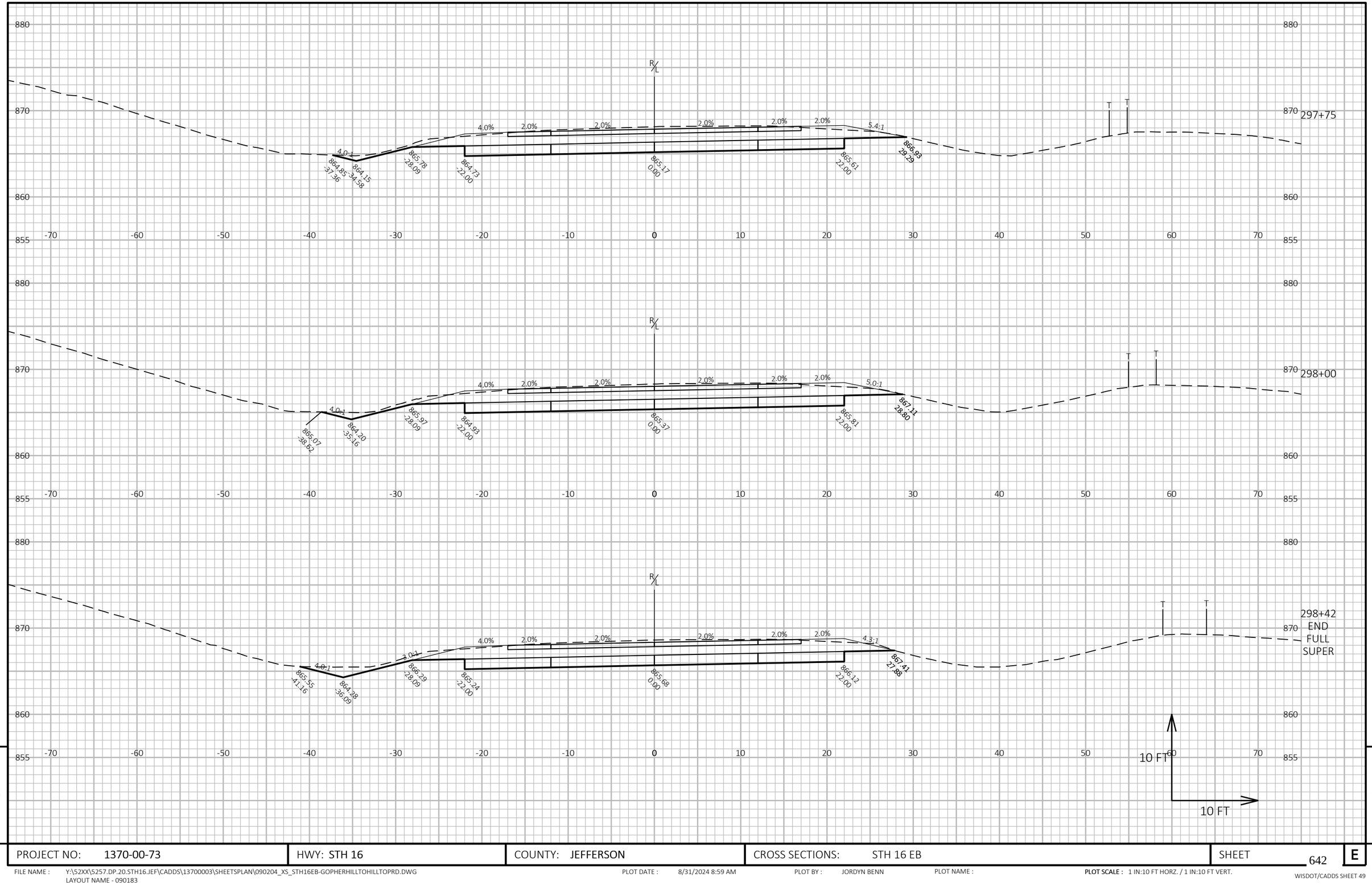


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 641	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090182

PLOT DATE : 8/31/2024 8:59 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 642	E

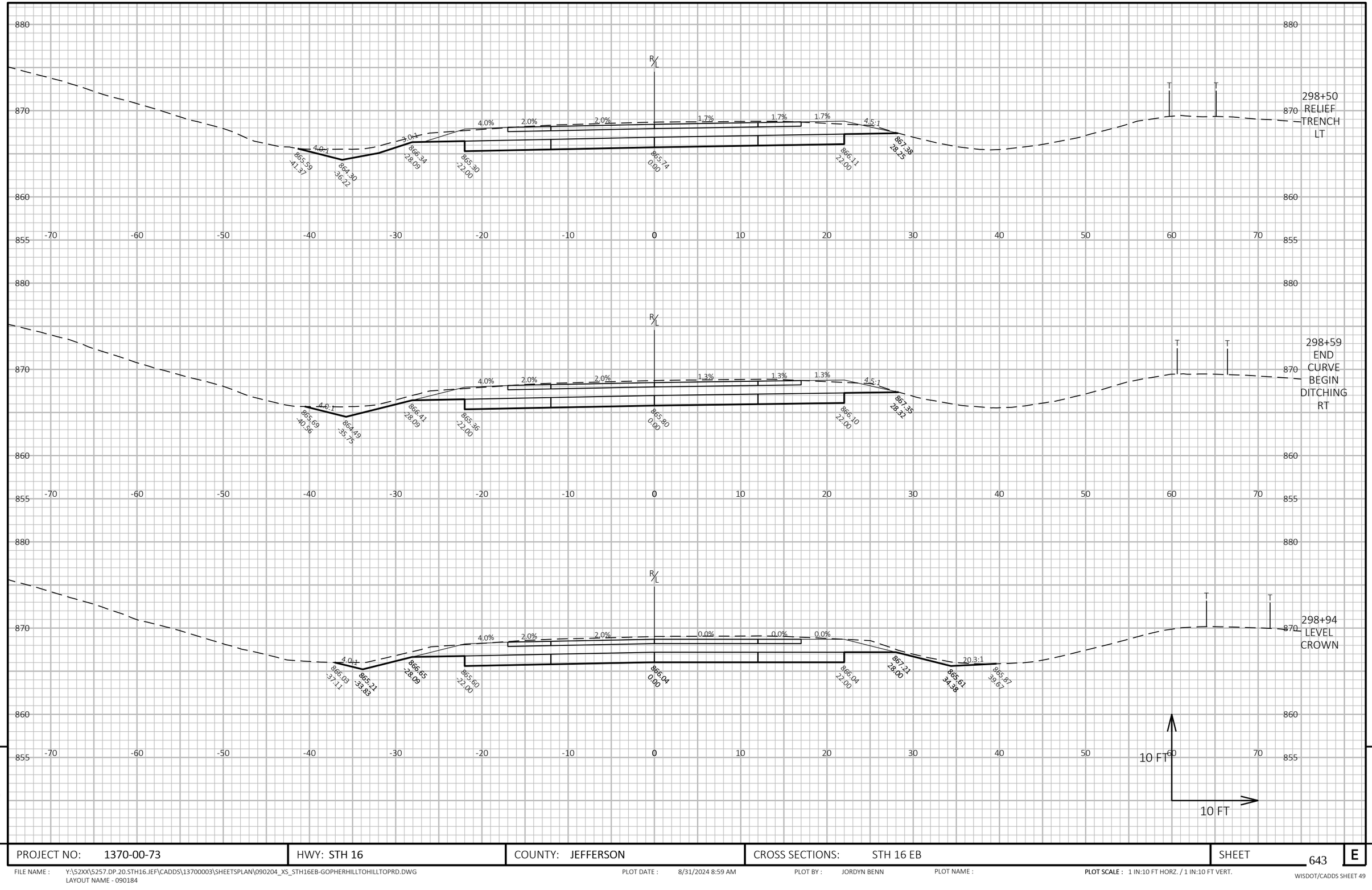
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090183

PLOT DATE : 8/31/2024 8:59 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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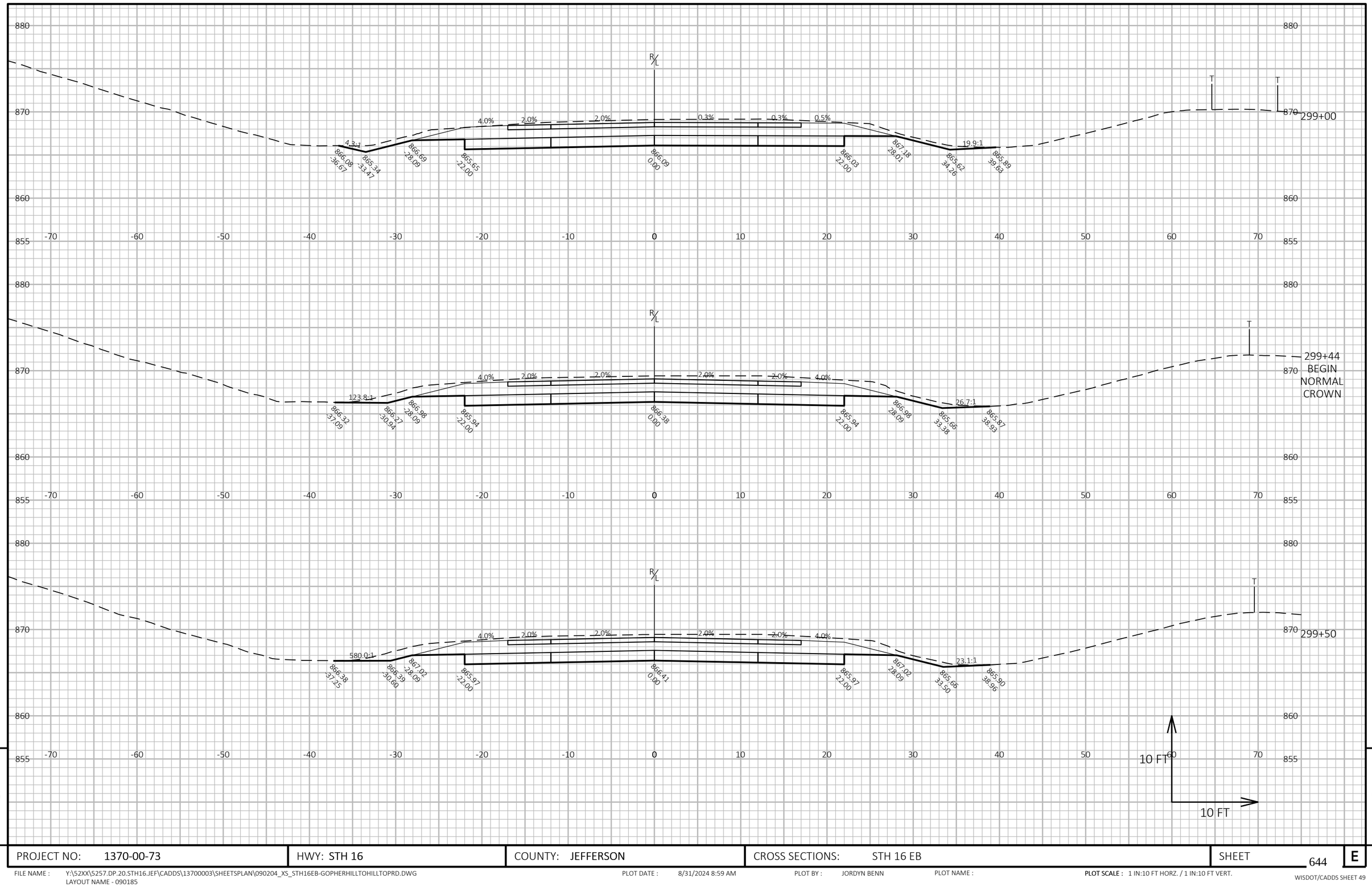
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 643	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090184

PLOT DATE : 8/31/2024 8:59 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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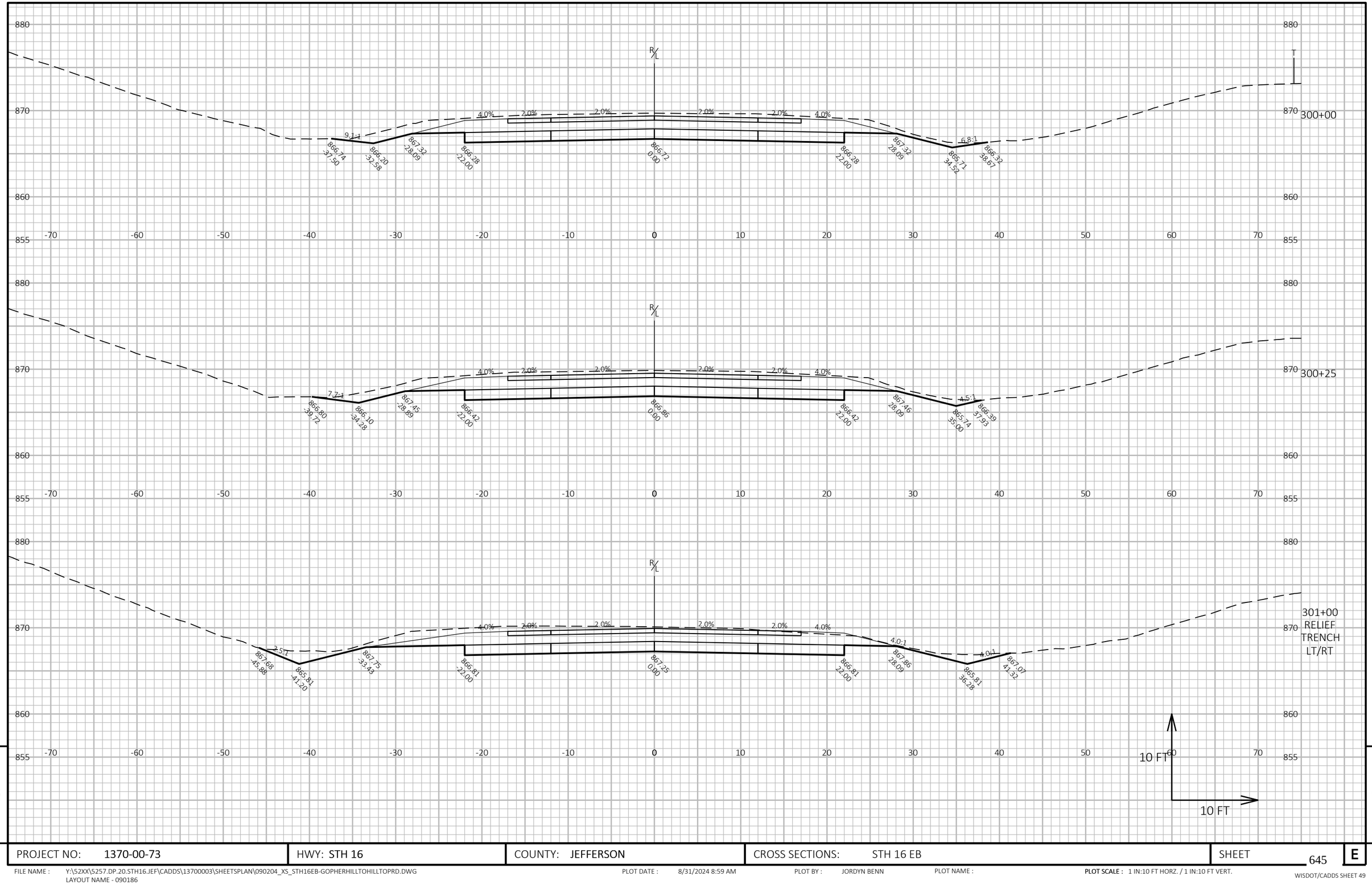
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 644	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090185

PLOT DATE : 8/31/2024 8:59 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

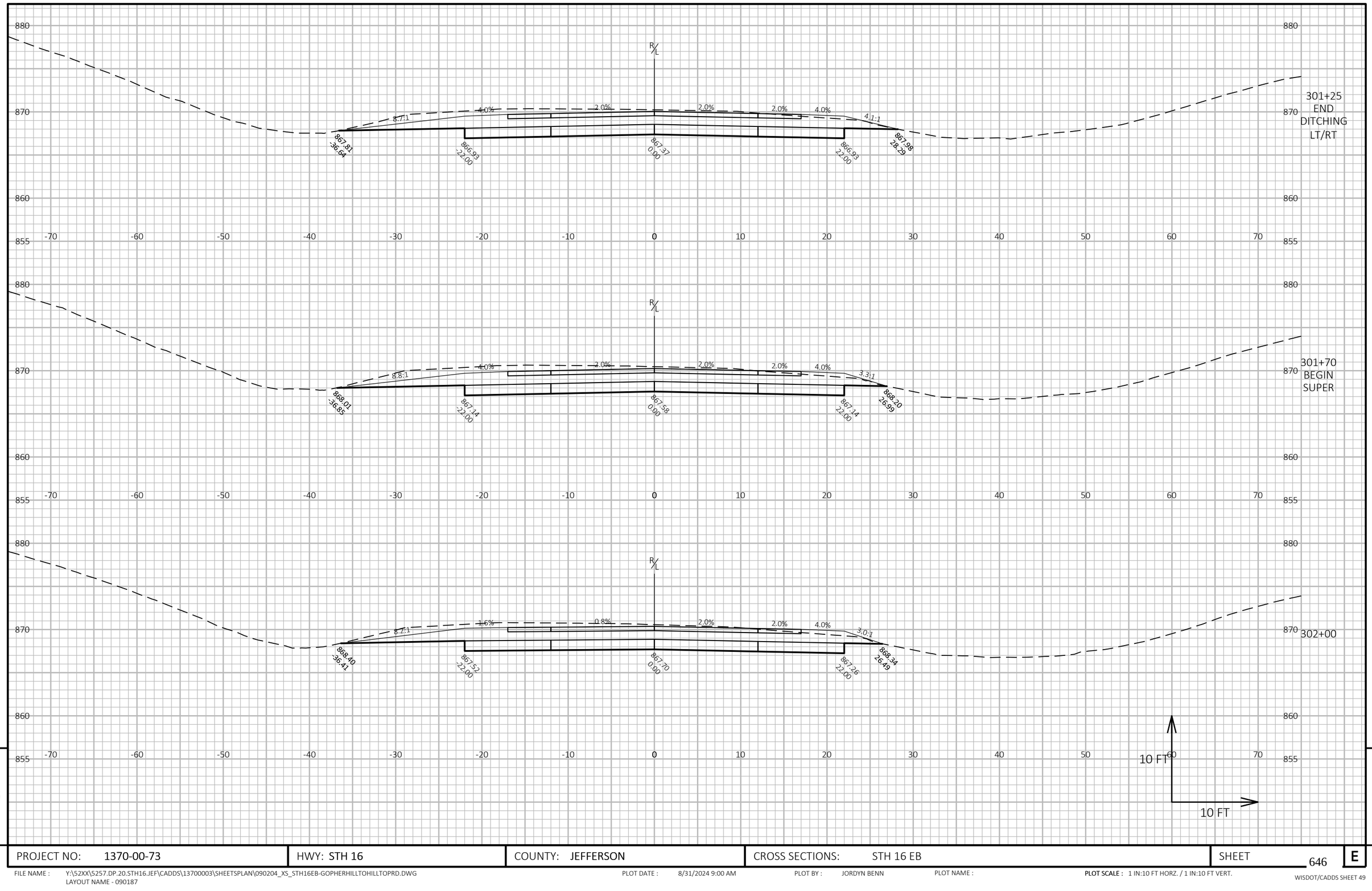


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 645	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090186

PLOT DATE : 8/31/2024 8:59 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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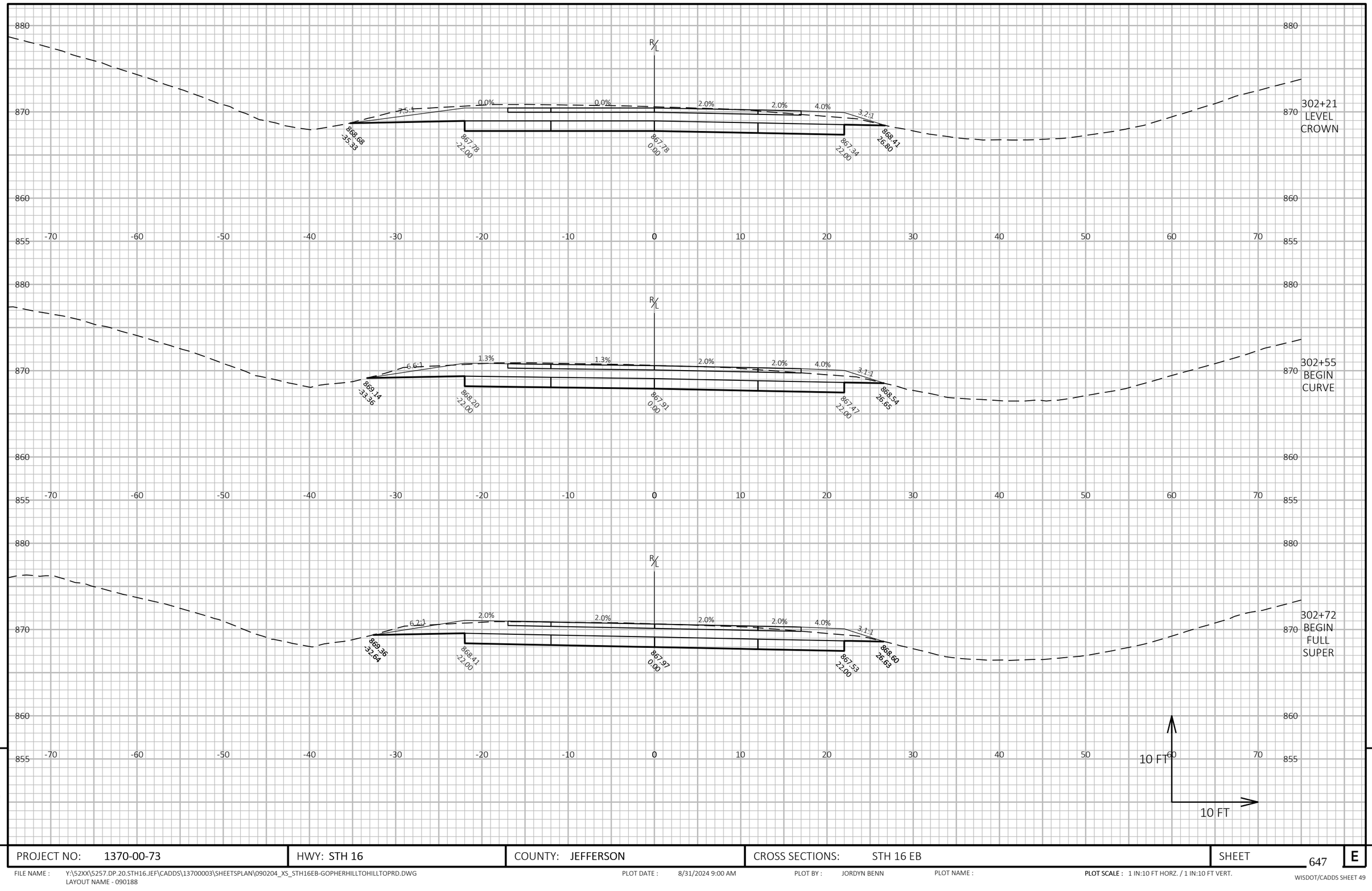
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 646	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090187

PLOT DATE : 8/31/2024 9:00 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

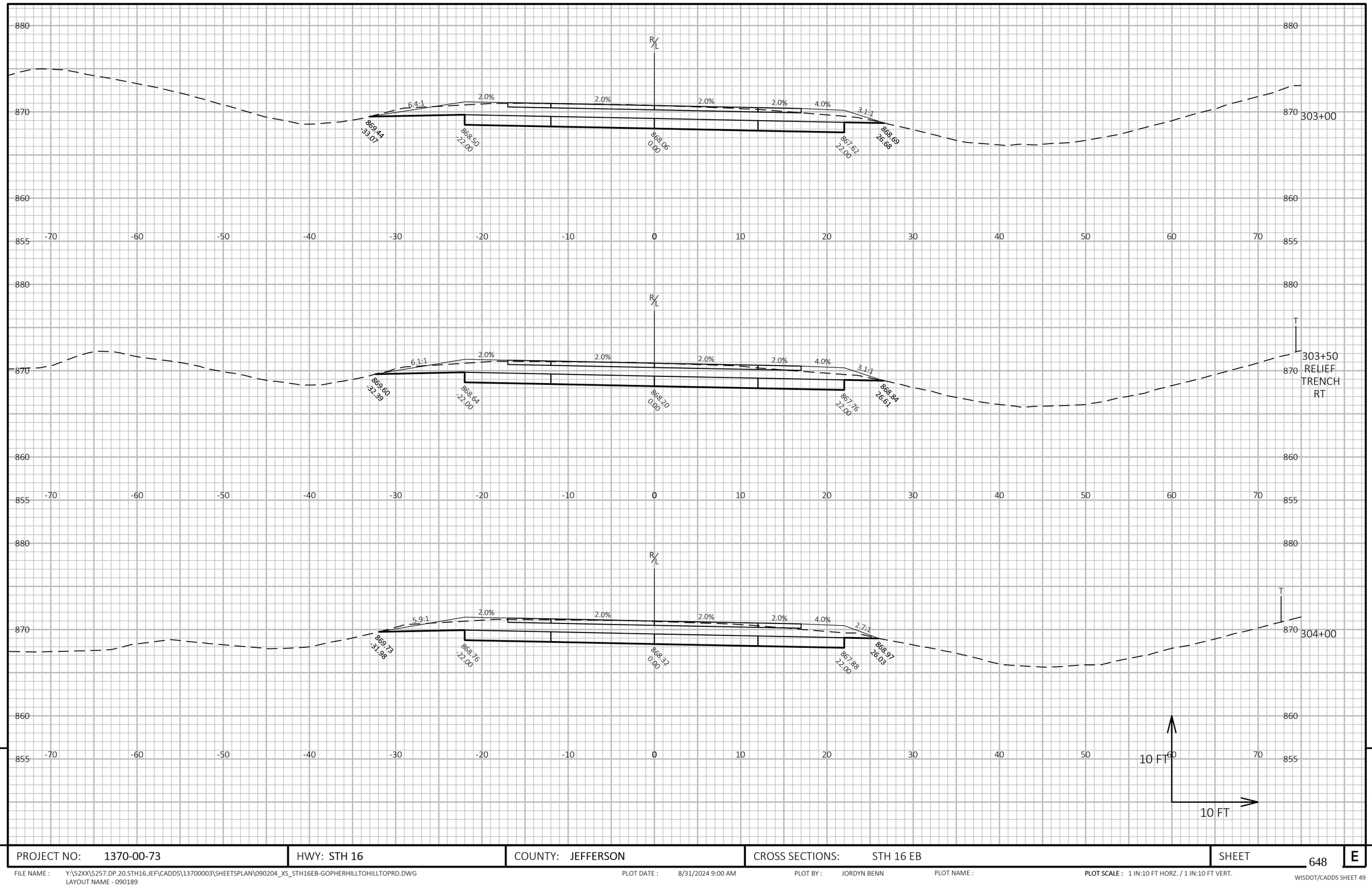


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 647	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090188

PLOT DATE : 8/31/2024 9:00 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

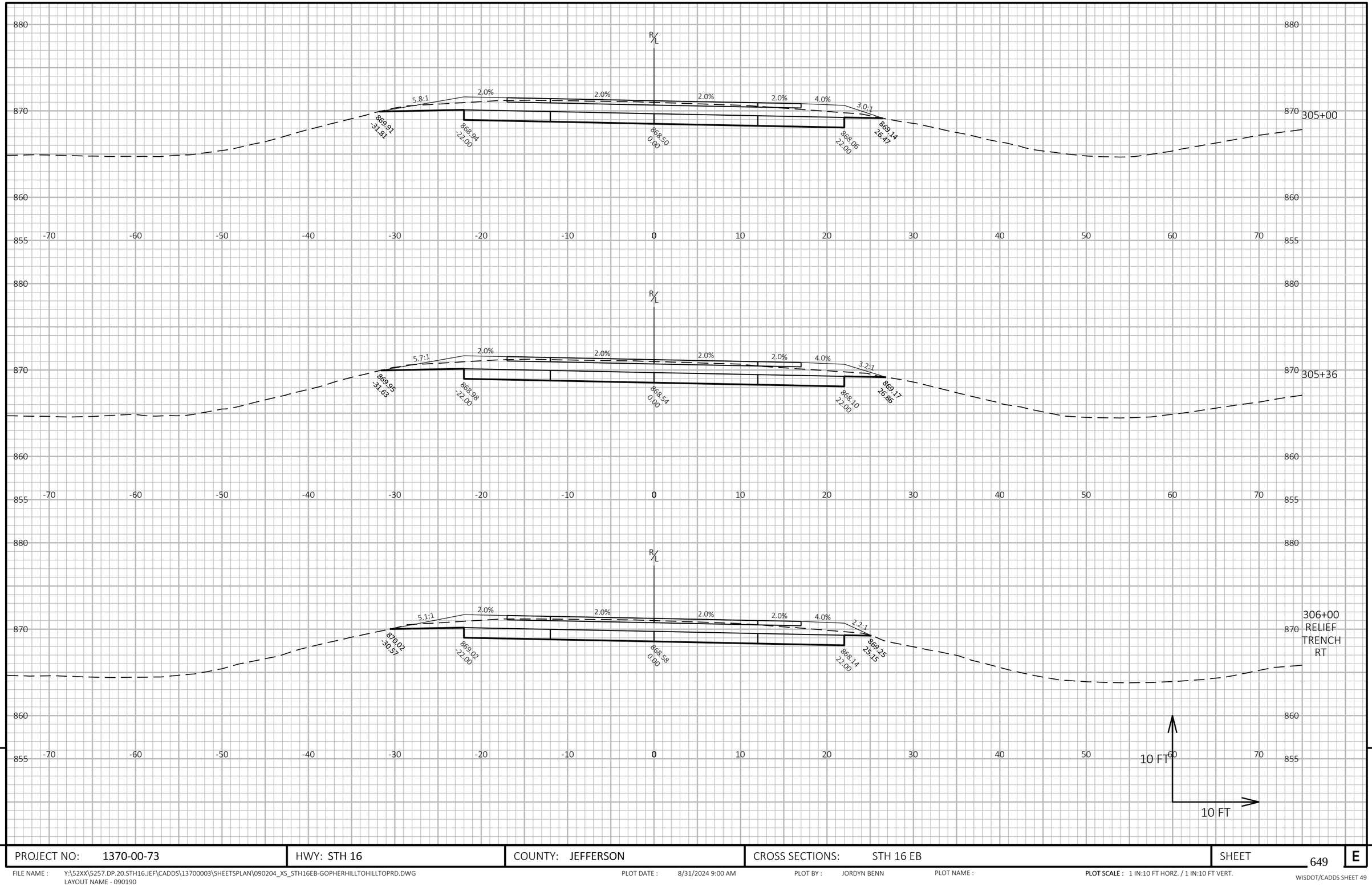
WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 648 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090189

PLOT DATE : 8/31/2024 9:00 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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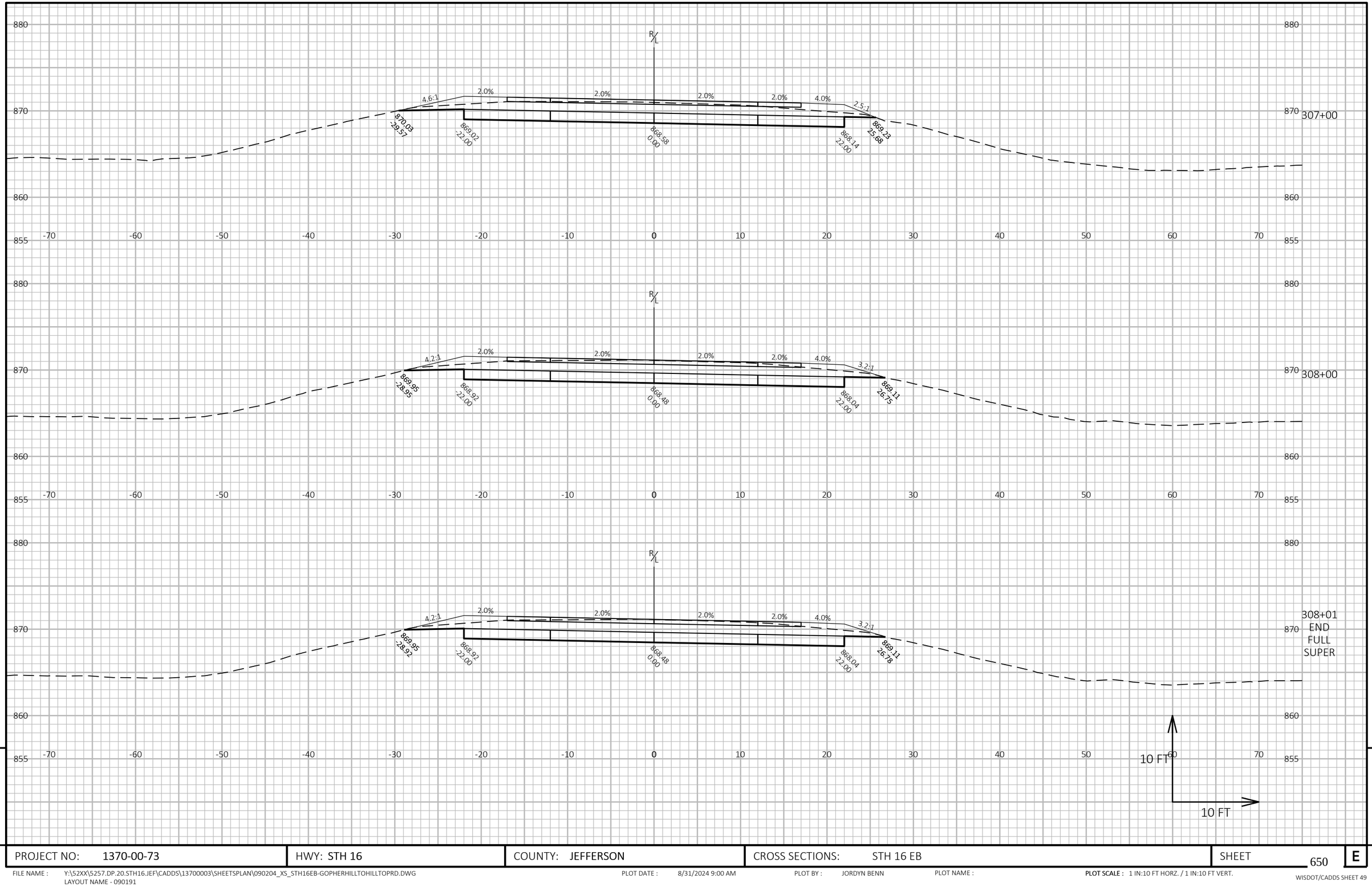
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 649	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090190

PLOT DATE : 8/31/2024 9:00 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 650	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090191

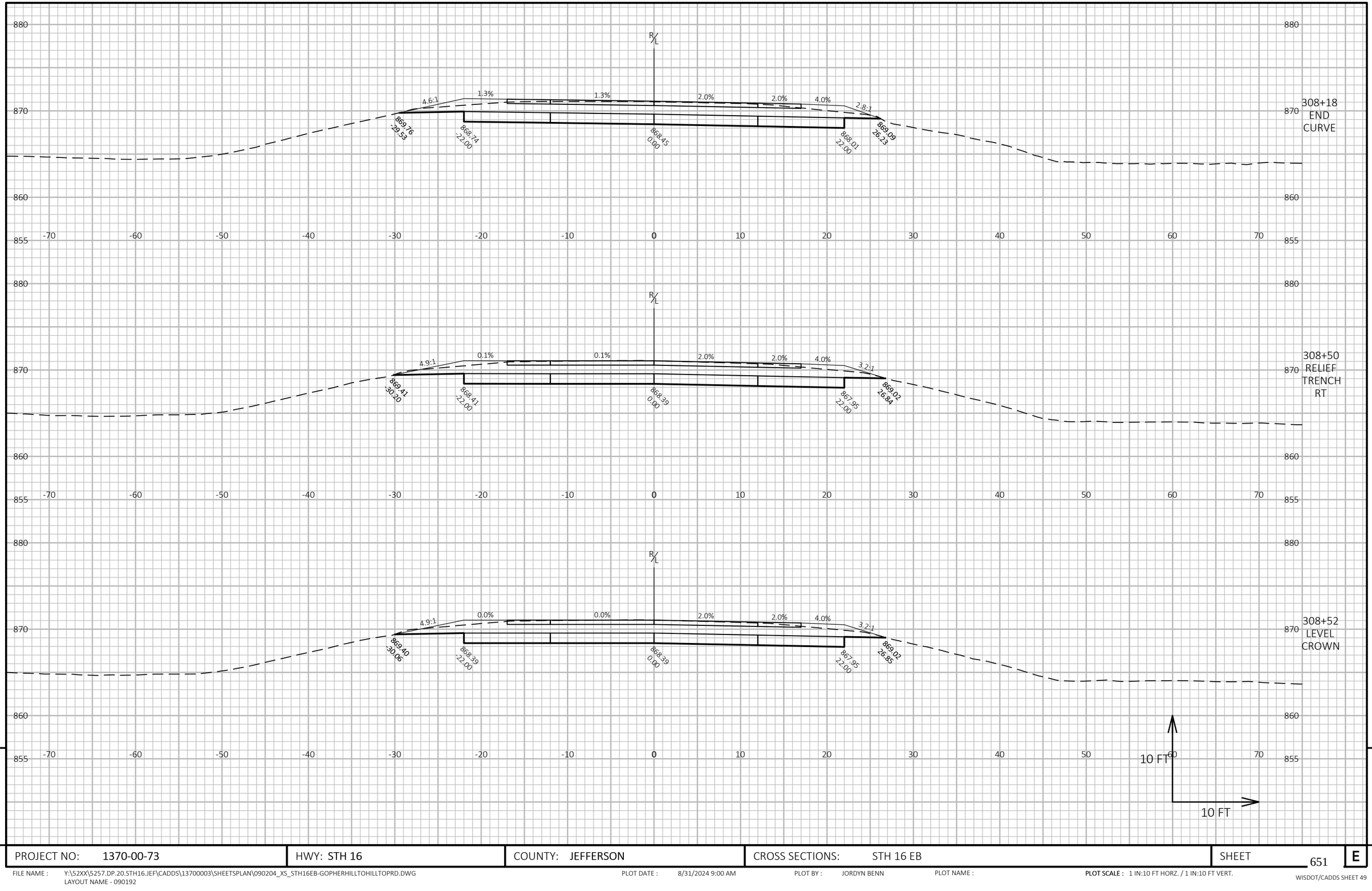
PLOT DATE : 8/31/2024 9:00 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

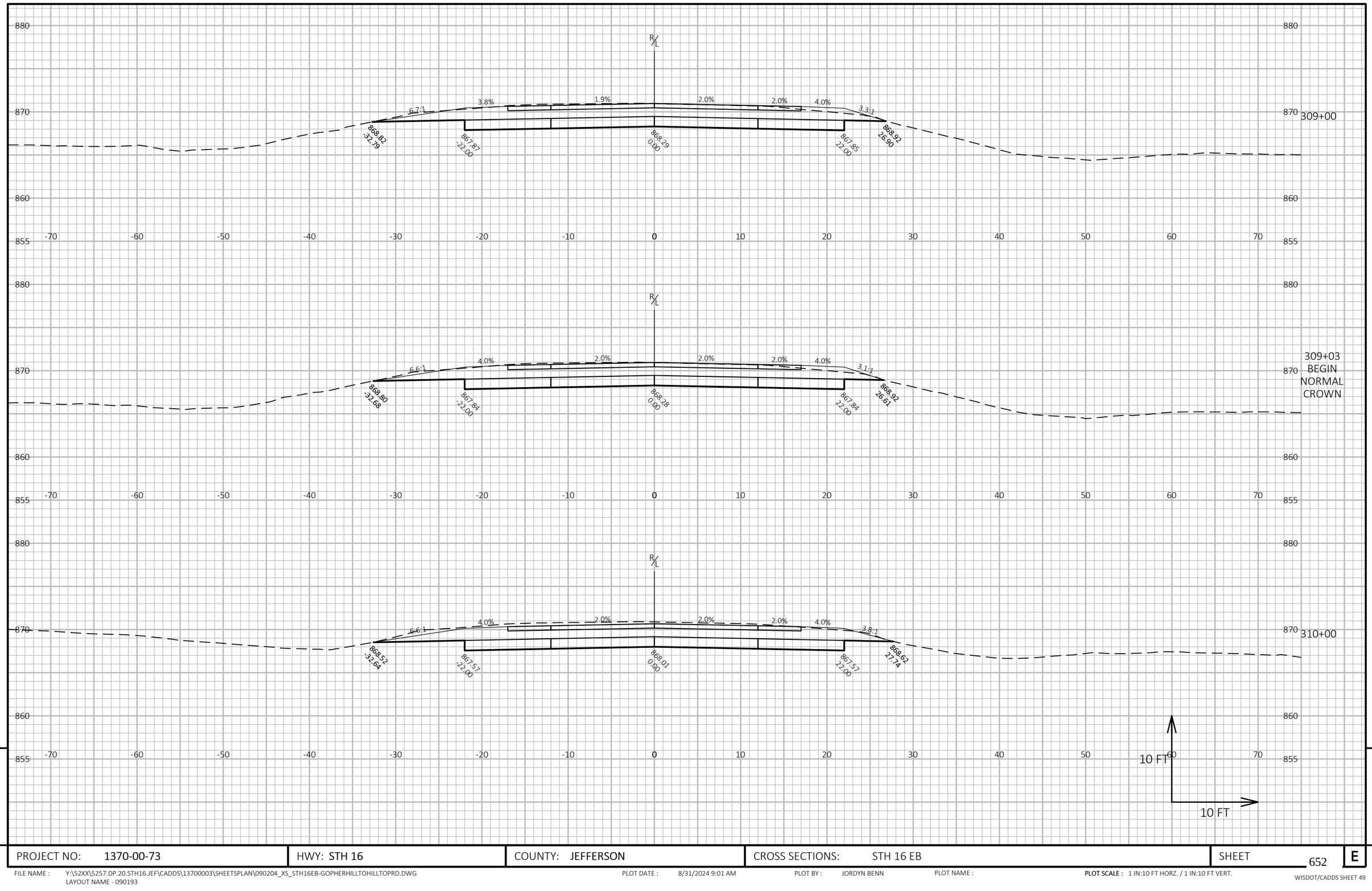
WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 651 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090192

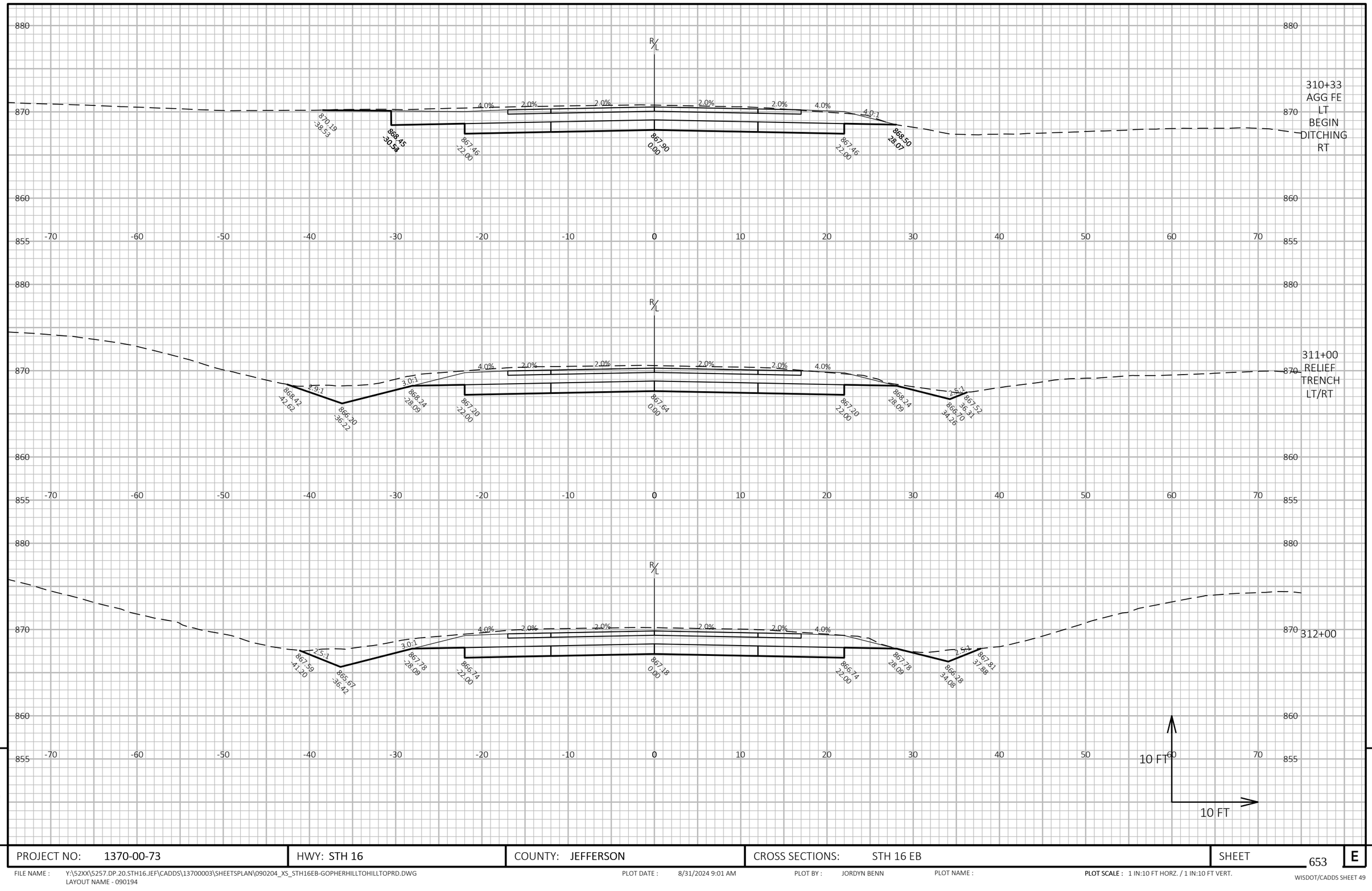
PLOT DATE : 8/31/2024 9:00 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 652	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090193

PLOT DATE : 8/31/2024 9:01 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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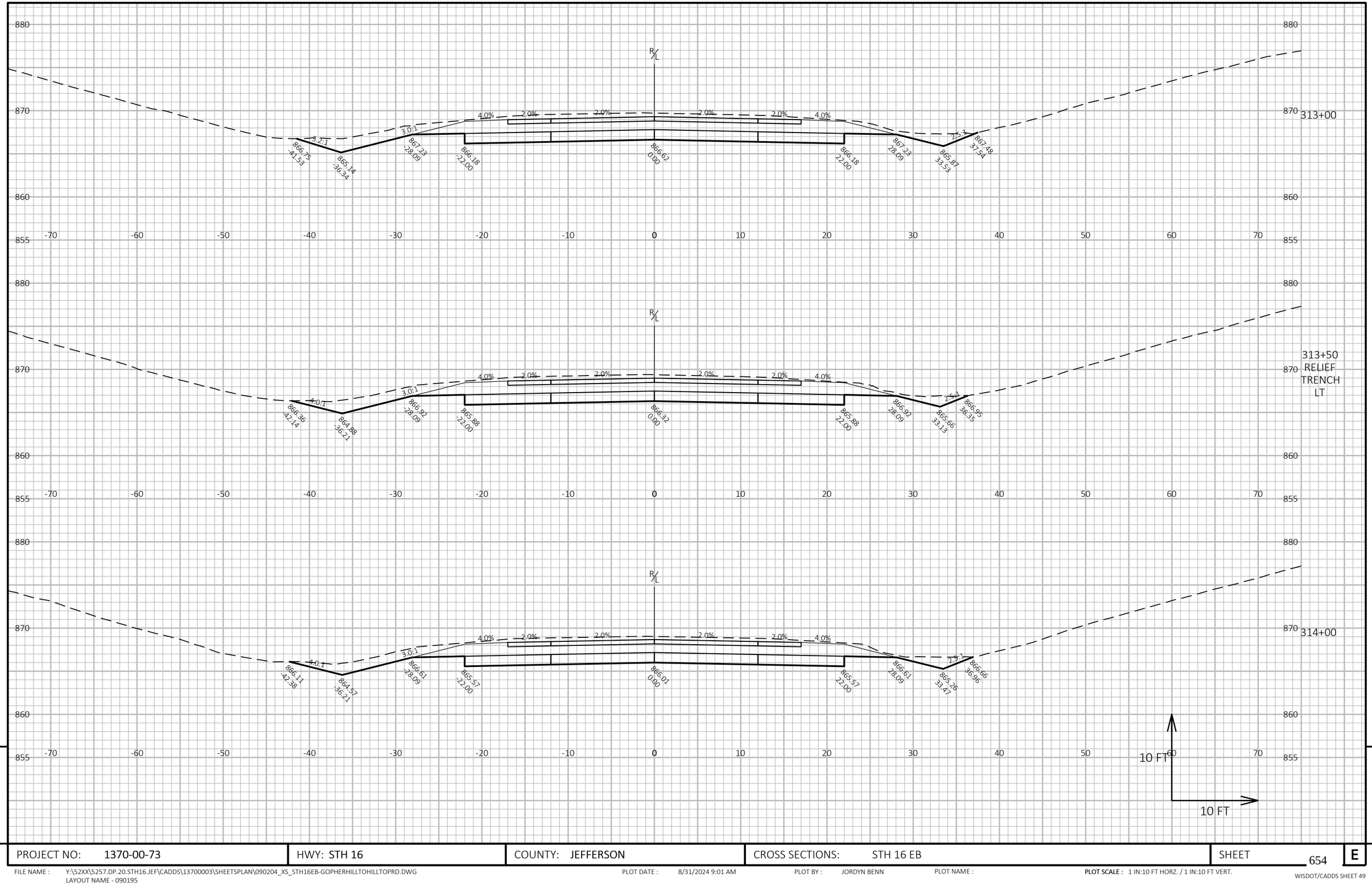
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 653 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090194

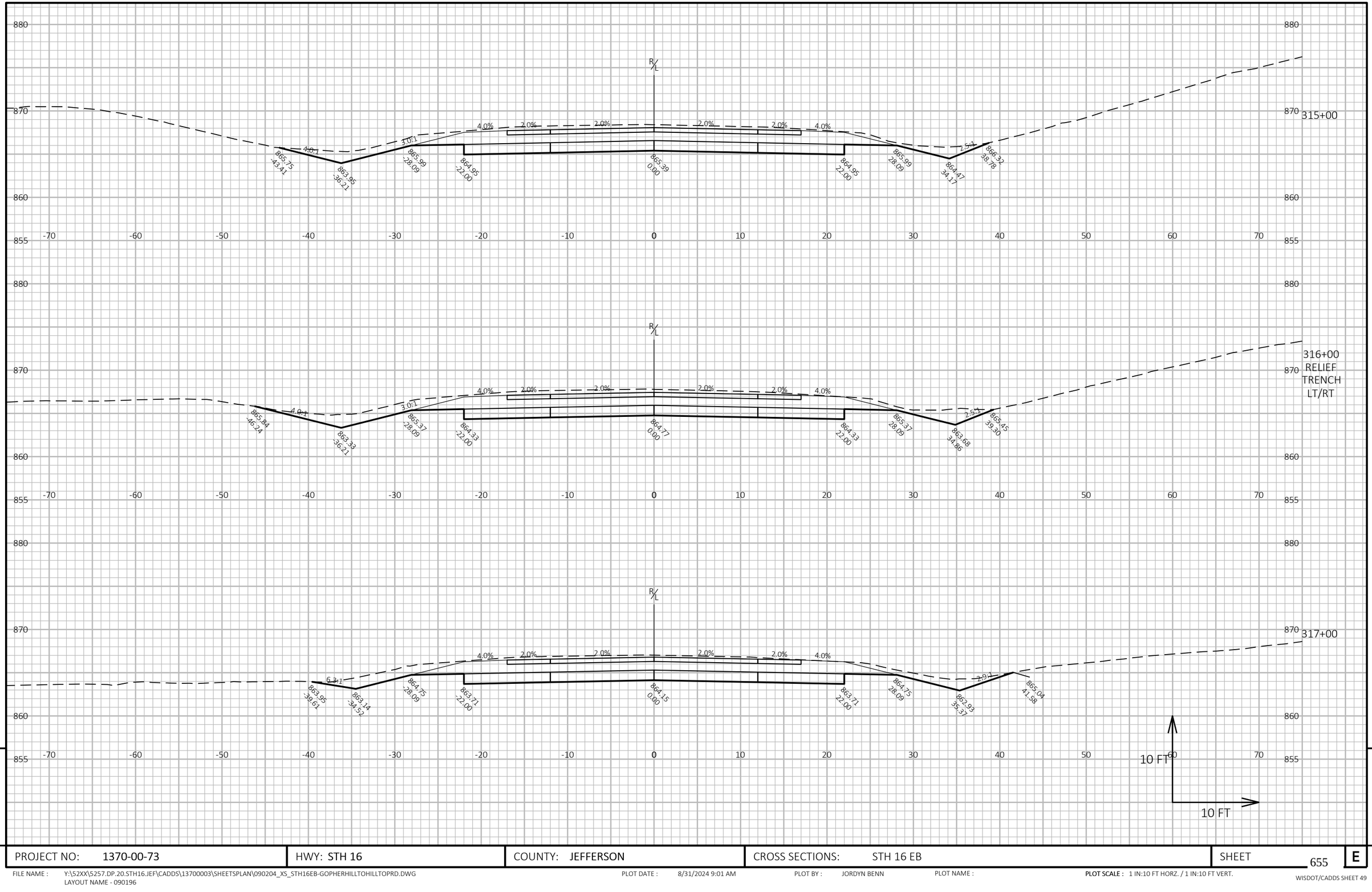
PLOT DATE : 8/31/2024 9:01 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 654	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090195

PLOT DATE : 8/31/2024 9:01 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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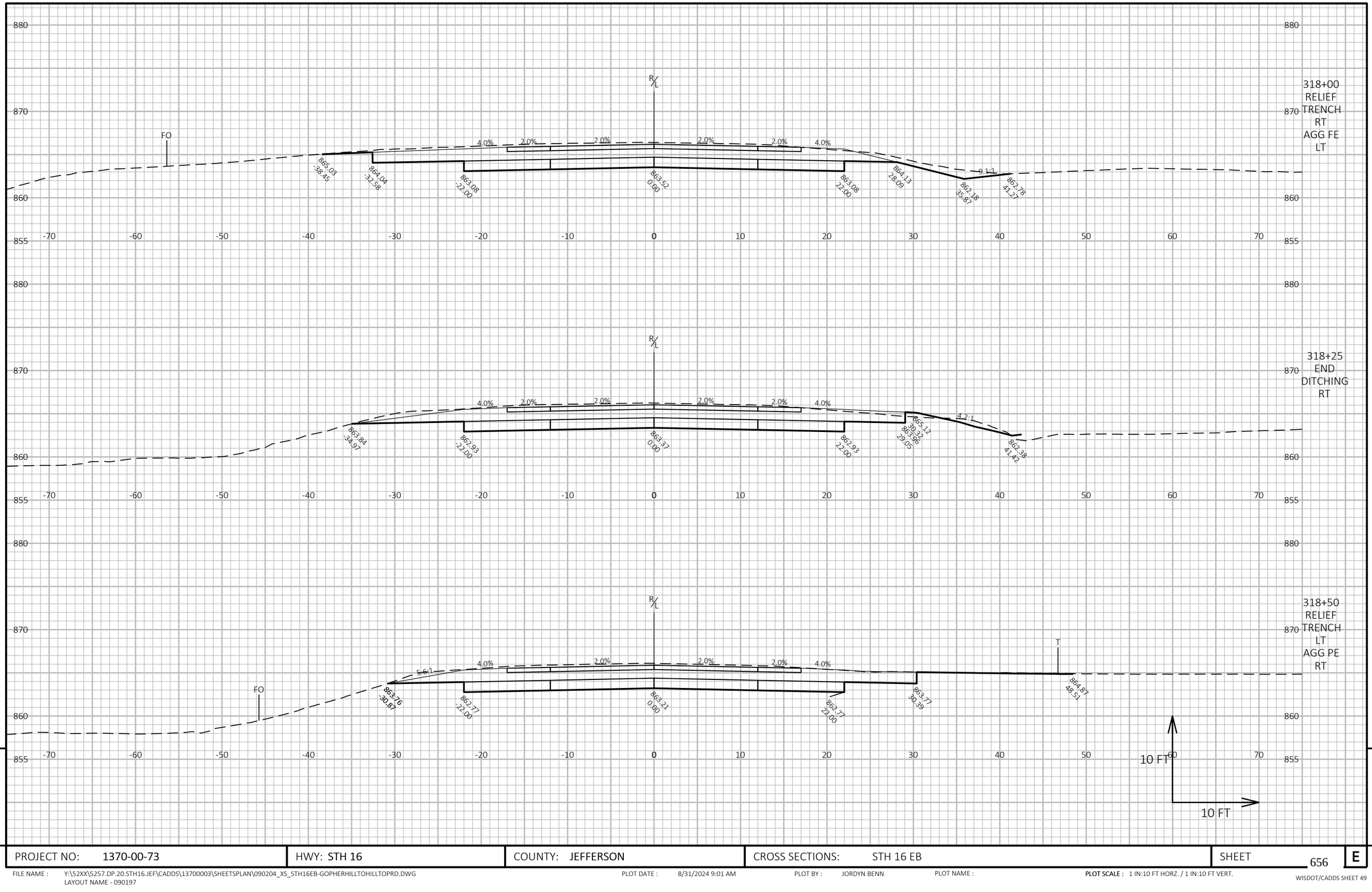
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 655	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090196

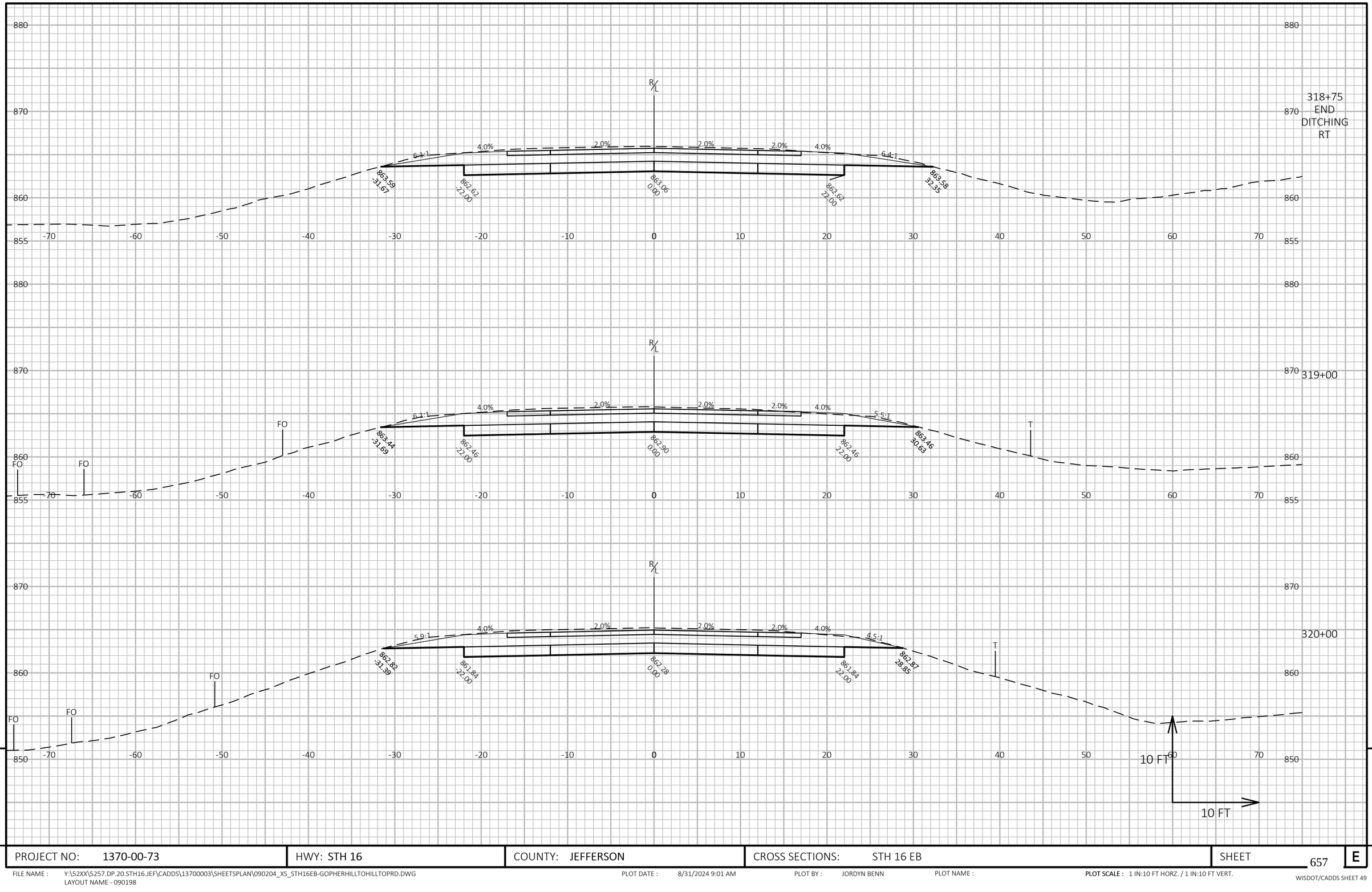
PLOT DATE : 8/31/2024 9:01 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 656	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090197

PLOT DATE : 8/31/2024 9:01 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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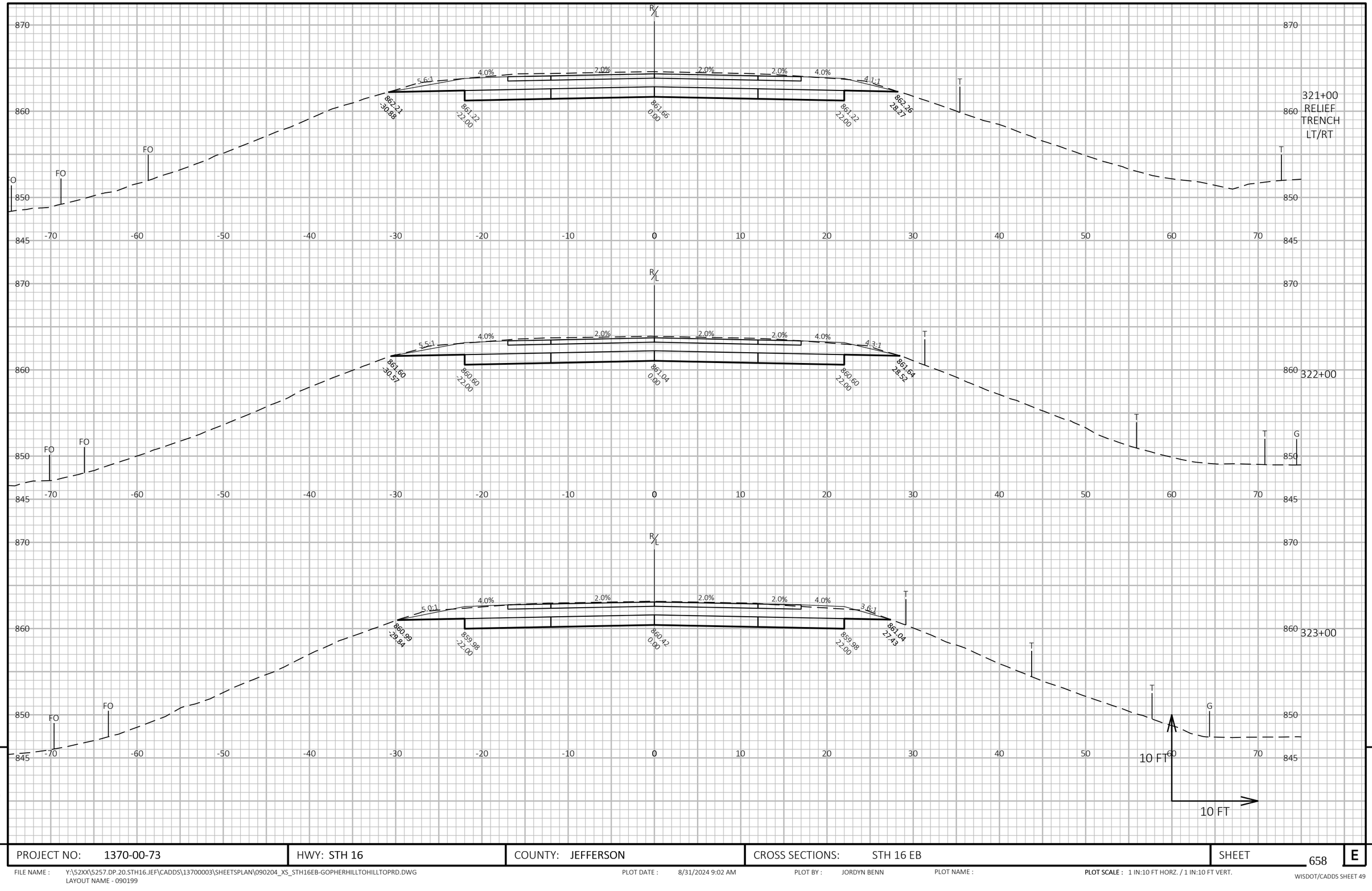
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 657	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090198

PLOT DATE : 8/31/2024 9:01 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 658	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090199

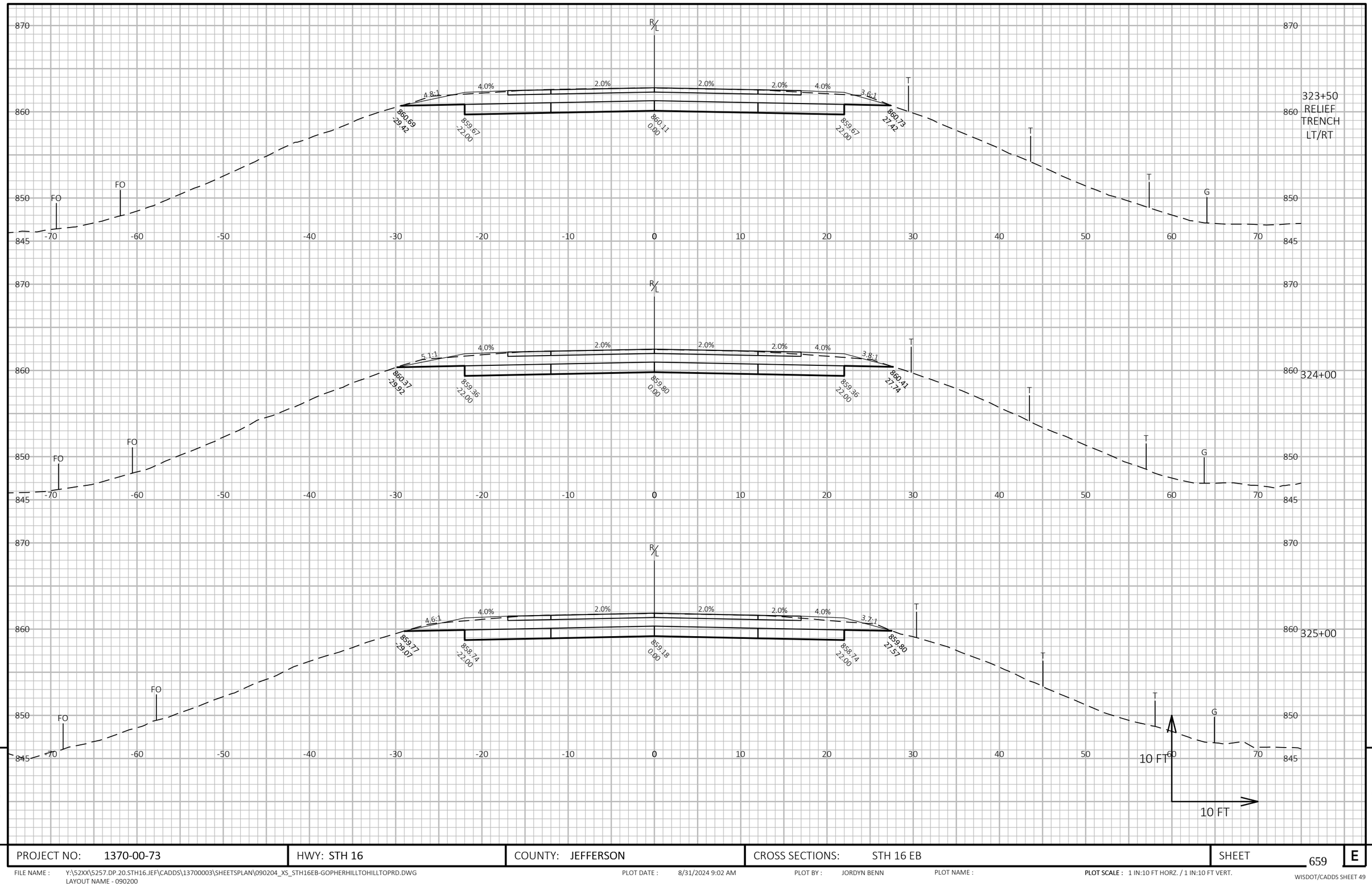
PLOT DATE : 8/31/2024 9:02 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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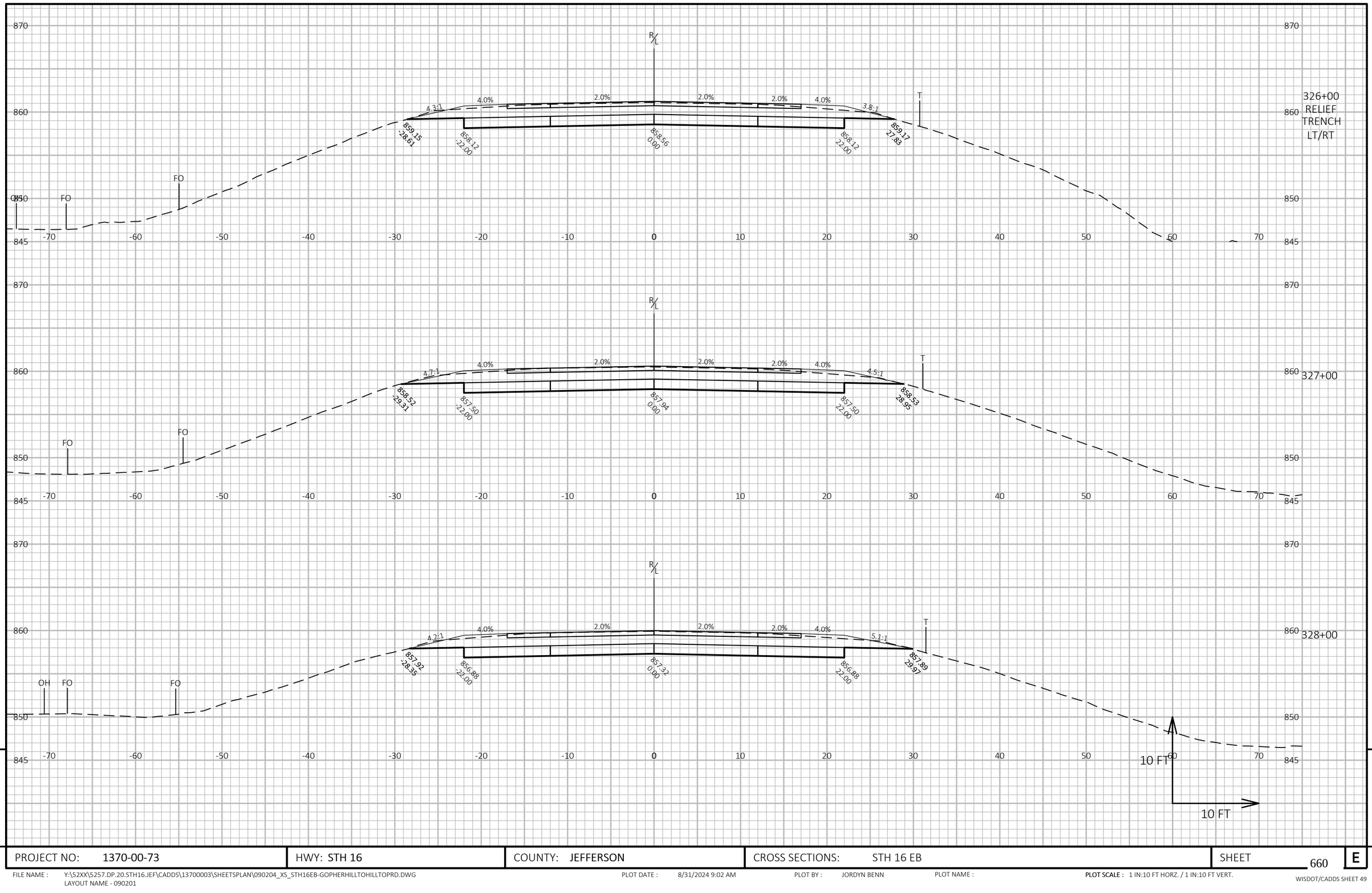
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 659	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090200

PLOT DATE : 8/31/2024 9:02 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



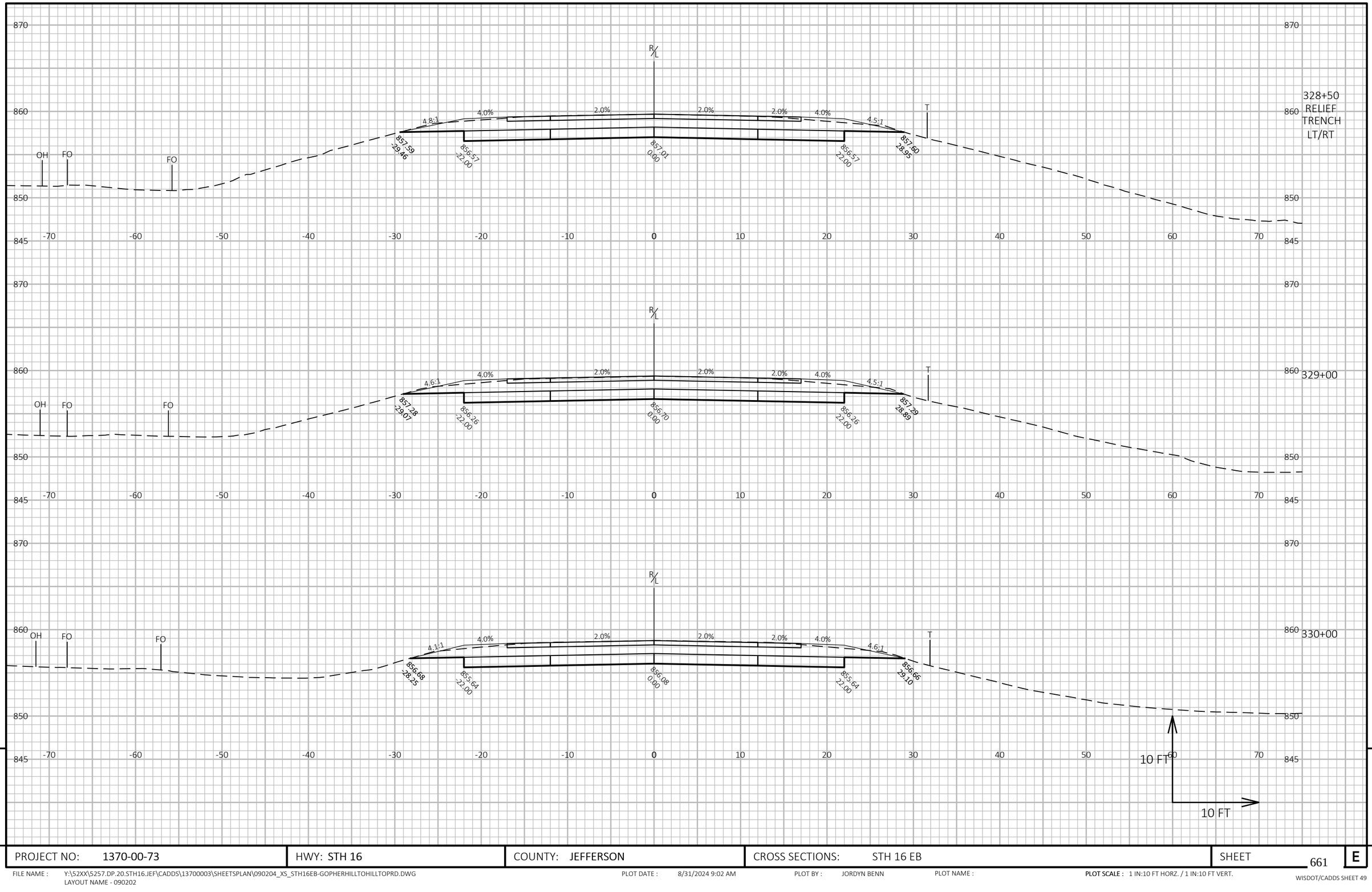
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 660	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090201

PLOT DATE : 8/31/2024 9:02 AM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

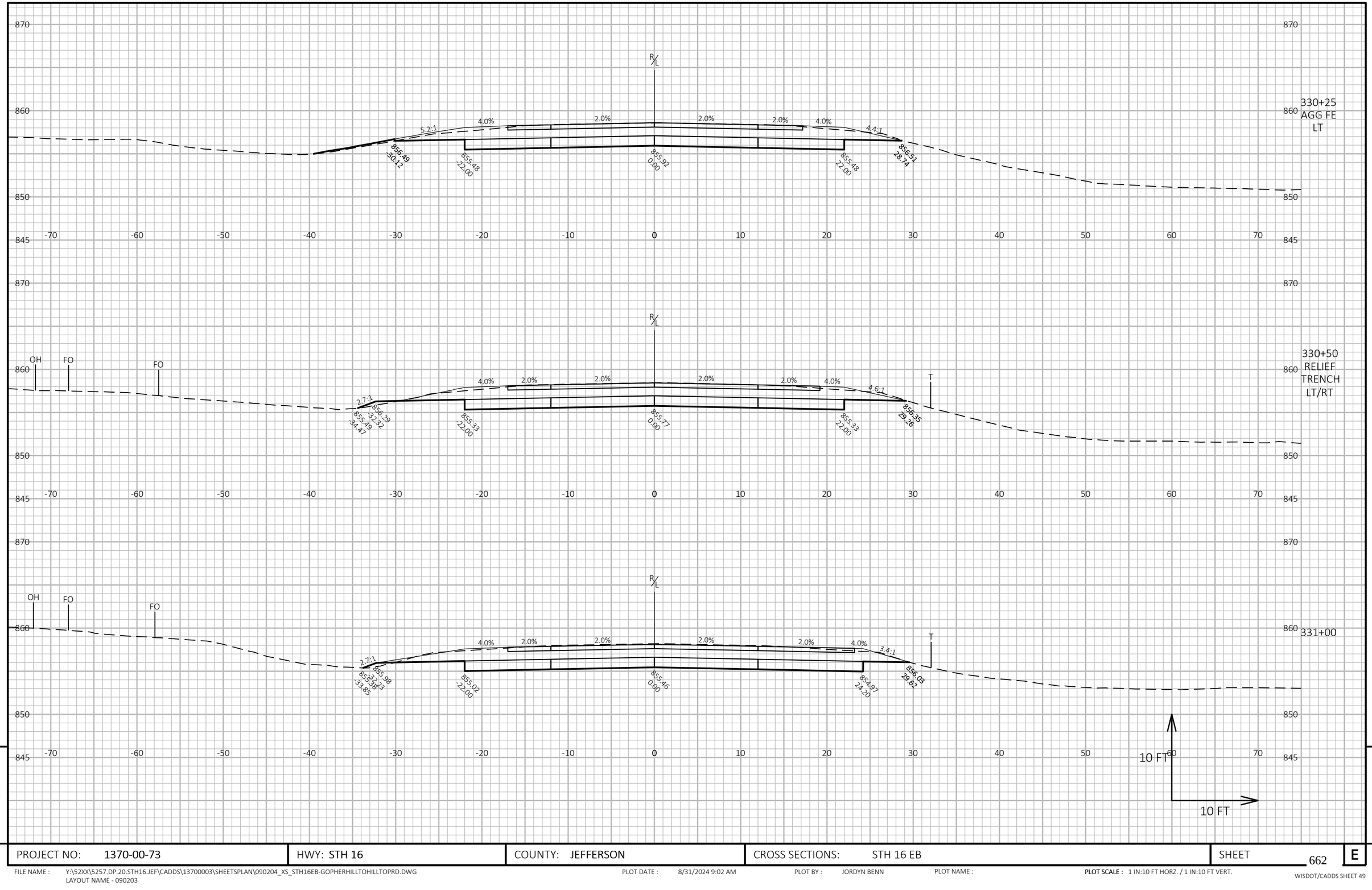
WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 661	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090202

PLOT DATE : 8/31/2024 9:02 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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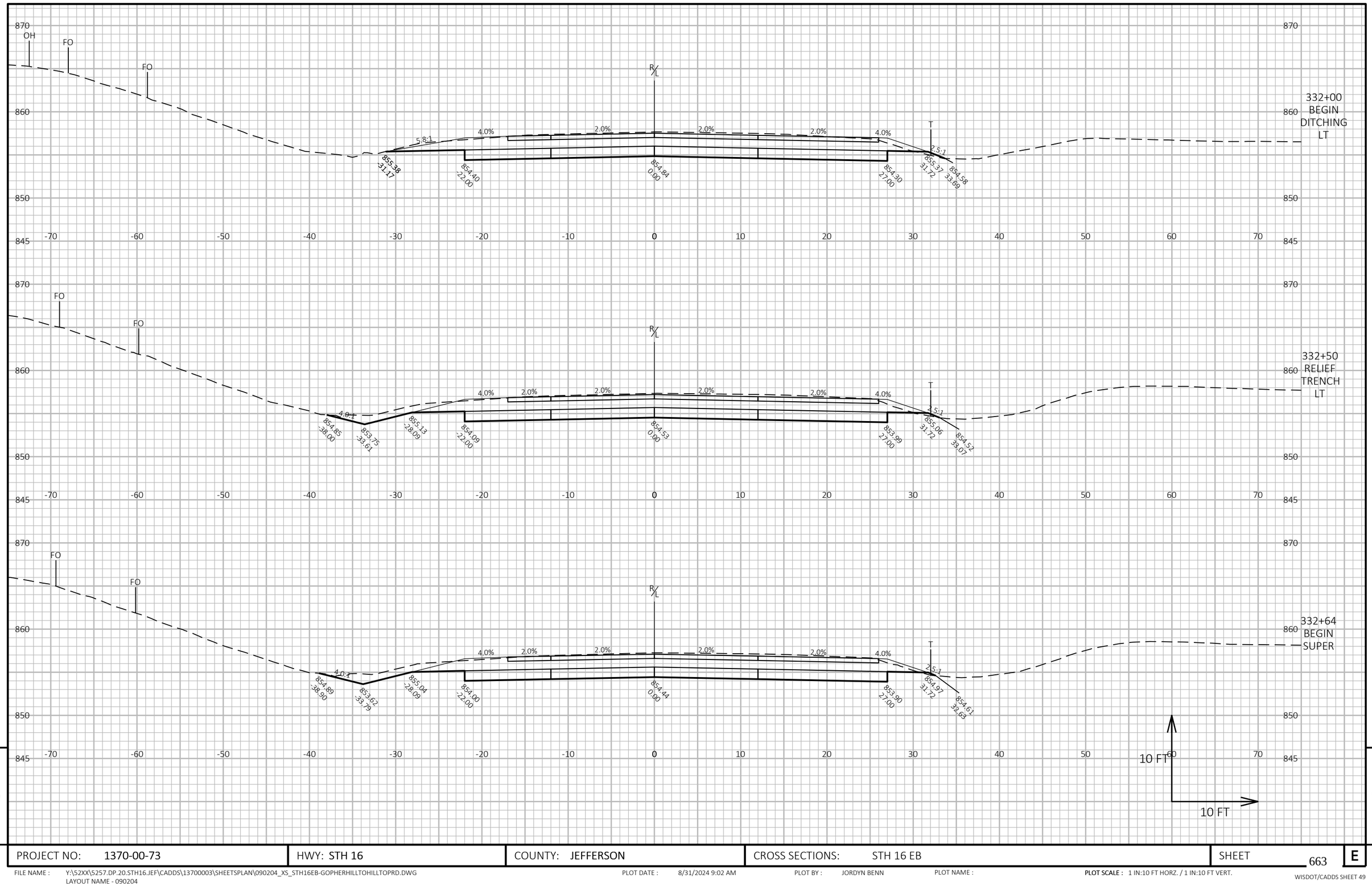
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 662	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090203

PLOT DATE : 8/31/2024 9:02 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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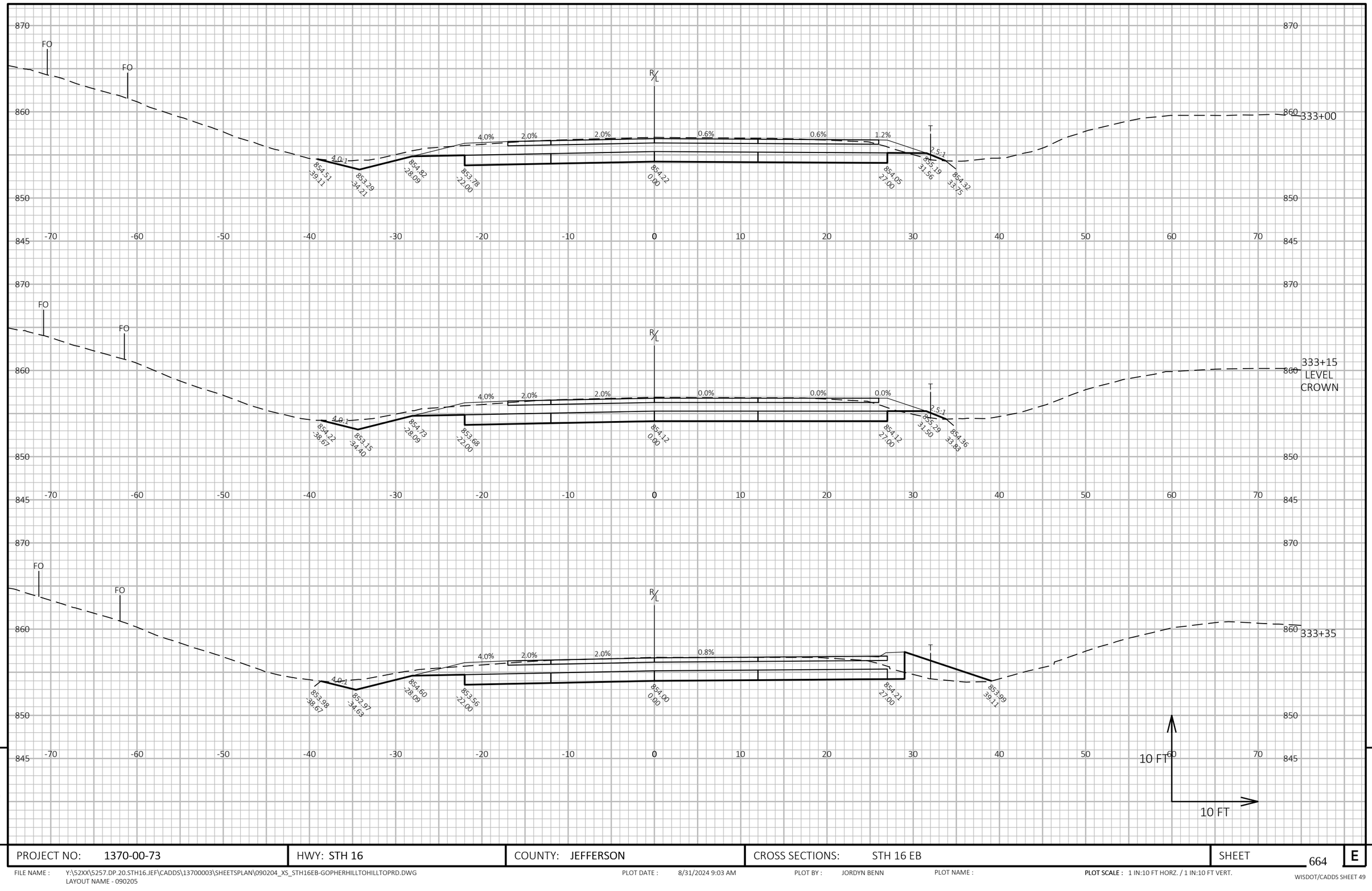
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 663	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090204

PLOT DATE : 8/31/2024 9:02 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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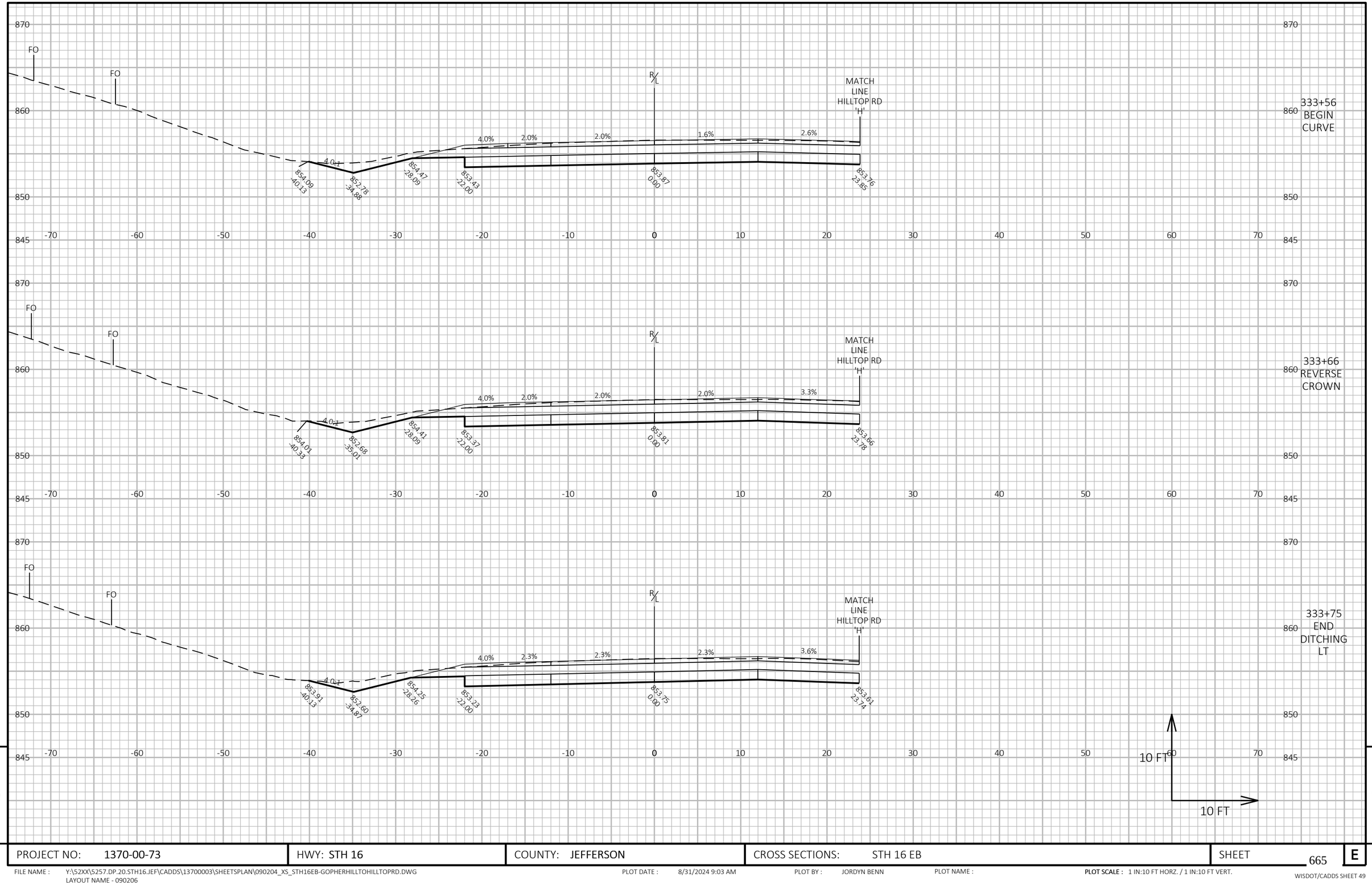
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 664	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090205

PLOT DATE : 8/31/2024 9:03 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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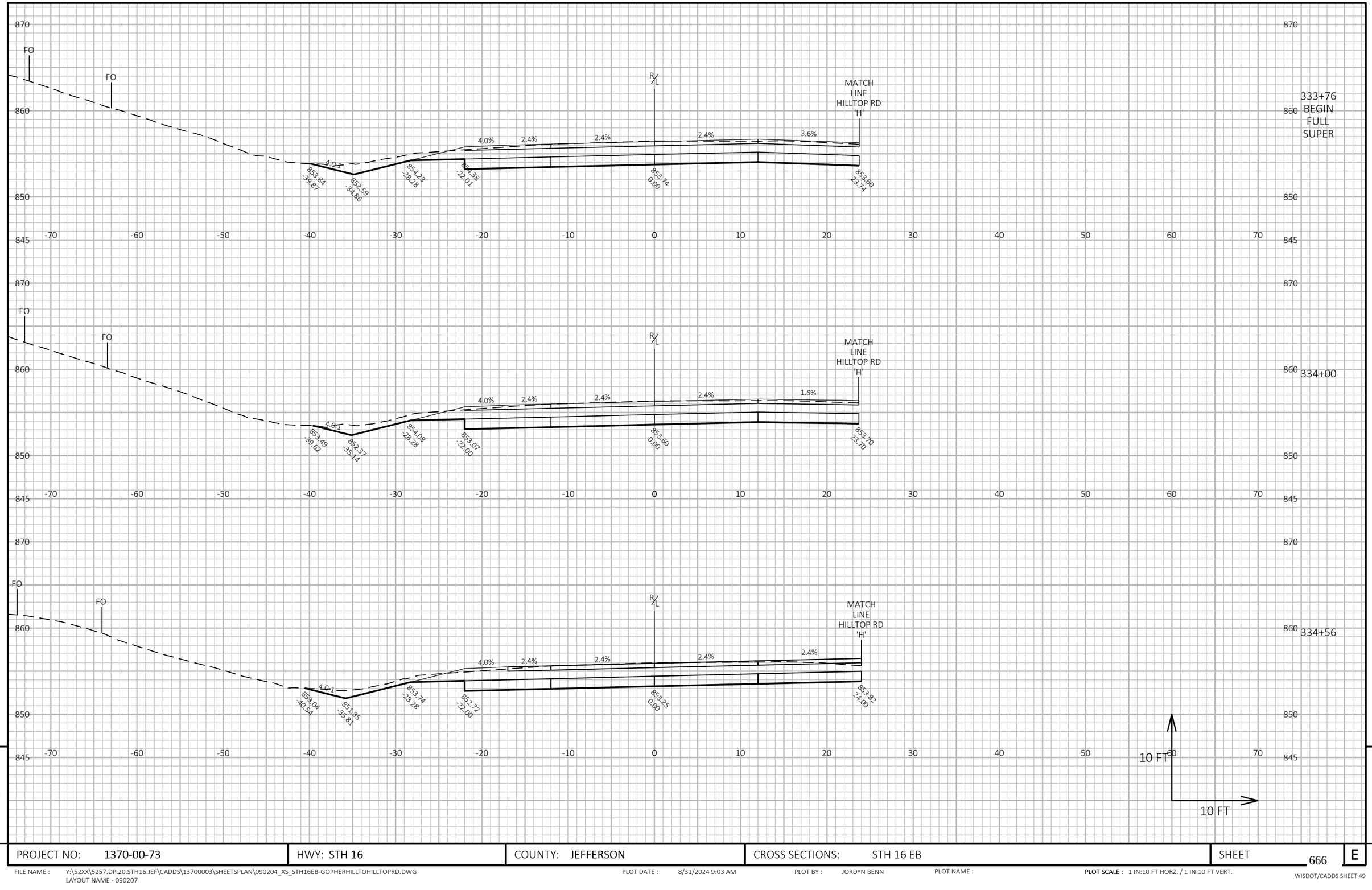
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 665	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090206

PLOT DATE : 8/31/2024 9:03 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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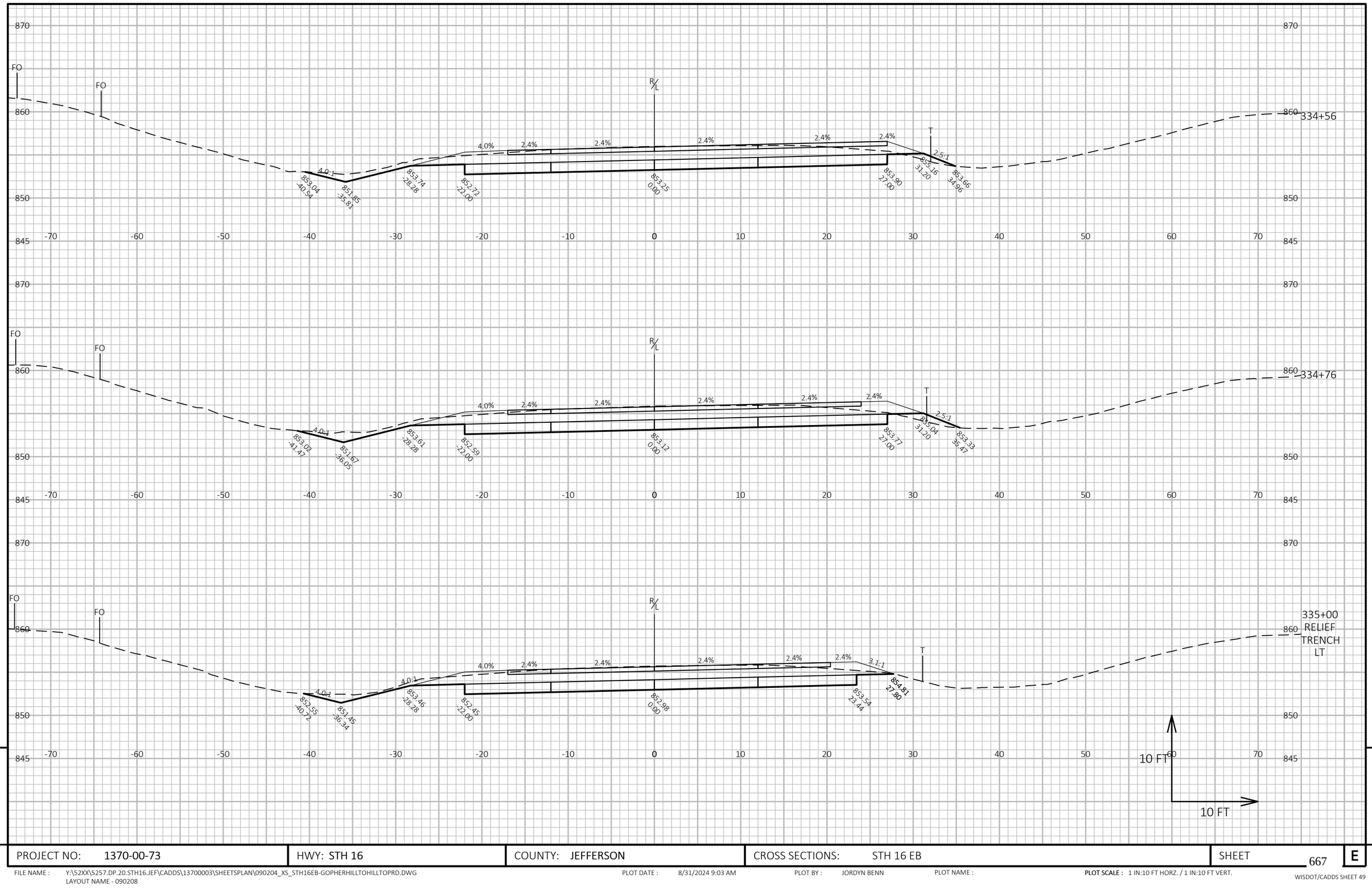
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 666	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090207

PLOT DATE : 8/31/2024 9:03 AM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 667	E

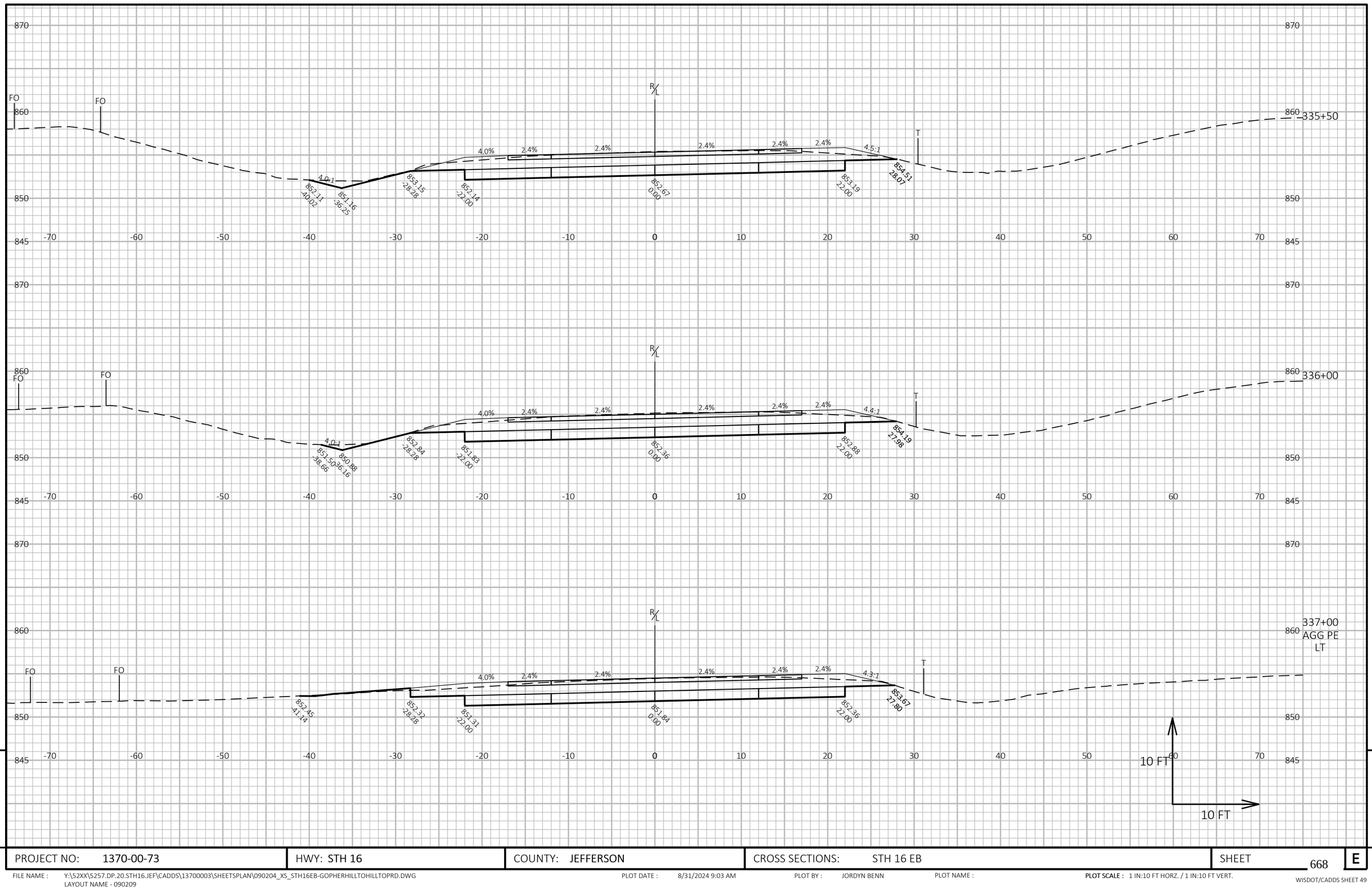
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090208

PLOT DATE : 8/31/2024 9:03 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 668	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090209

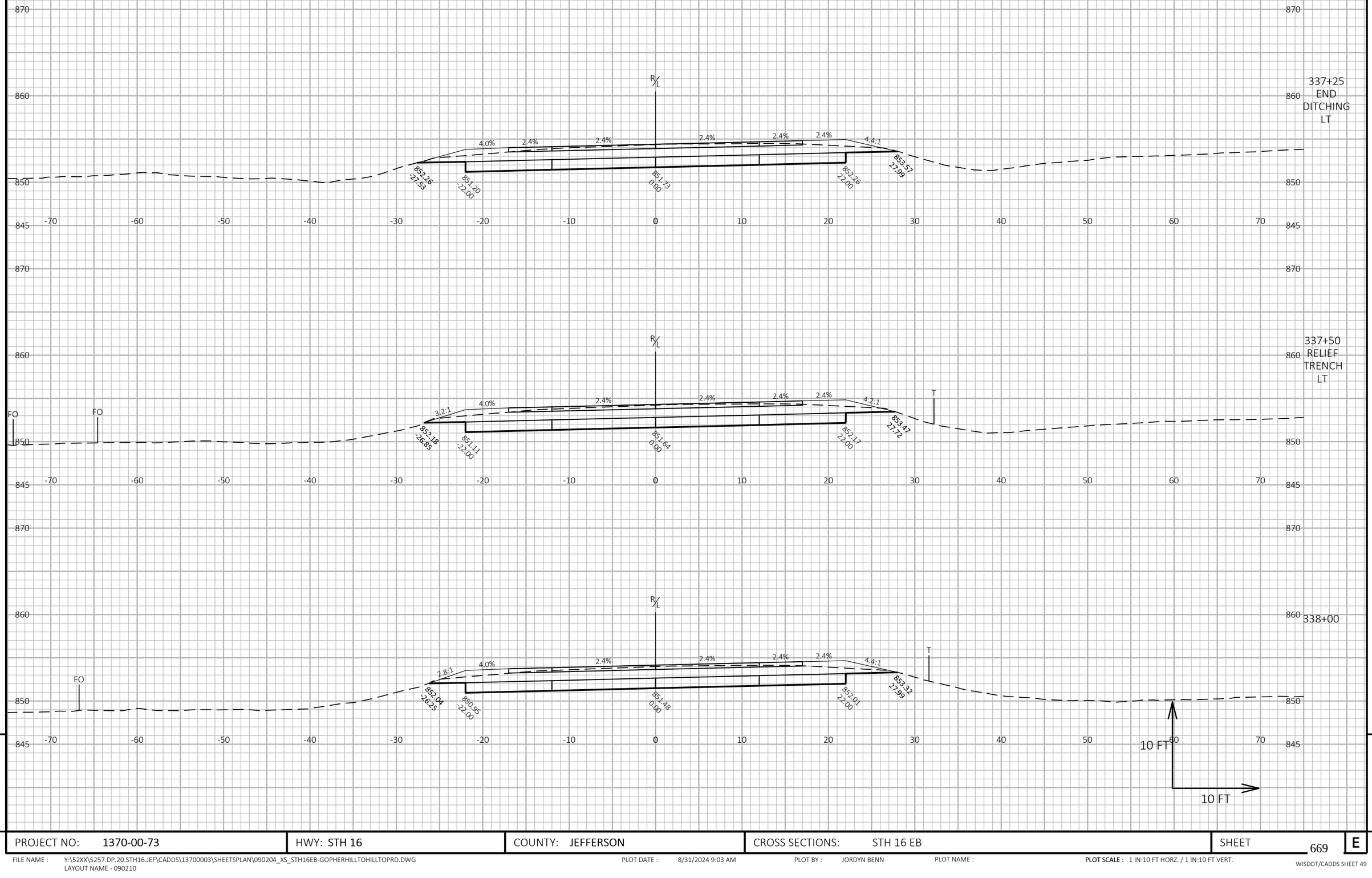
PLOT DATE : 8/31/2024 9:03 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 669	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090210

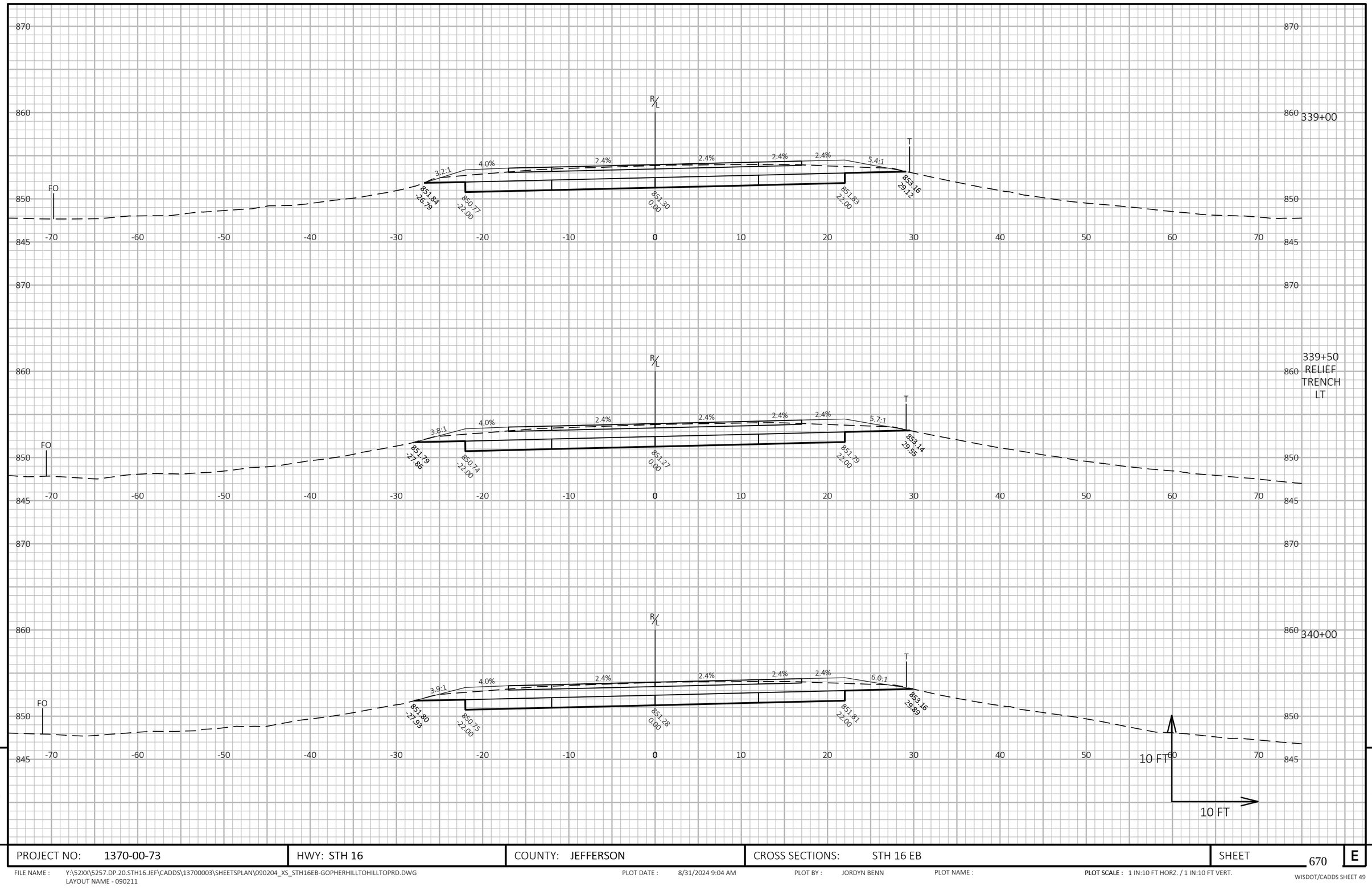
PLOT DATE : 8/31/2024 9:03 AM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 670	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090211

PLOT DATE : 8/31/2024 9:04 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9

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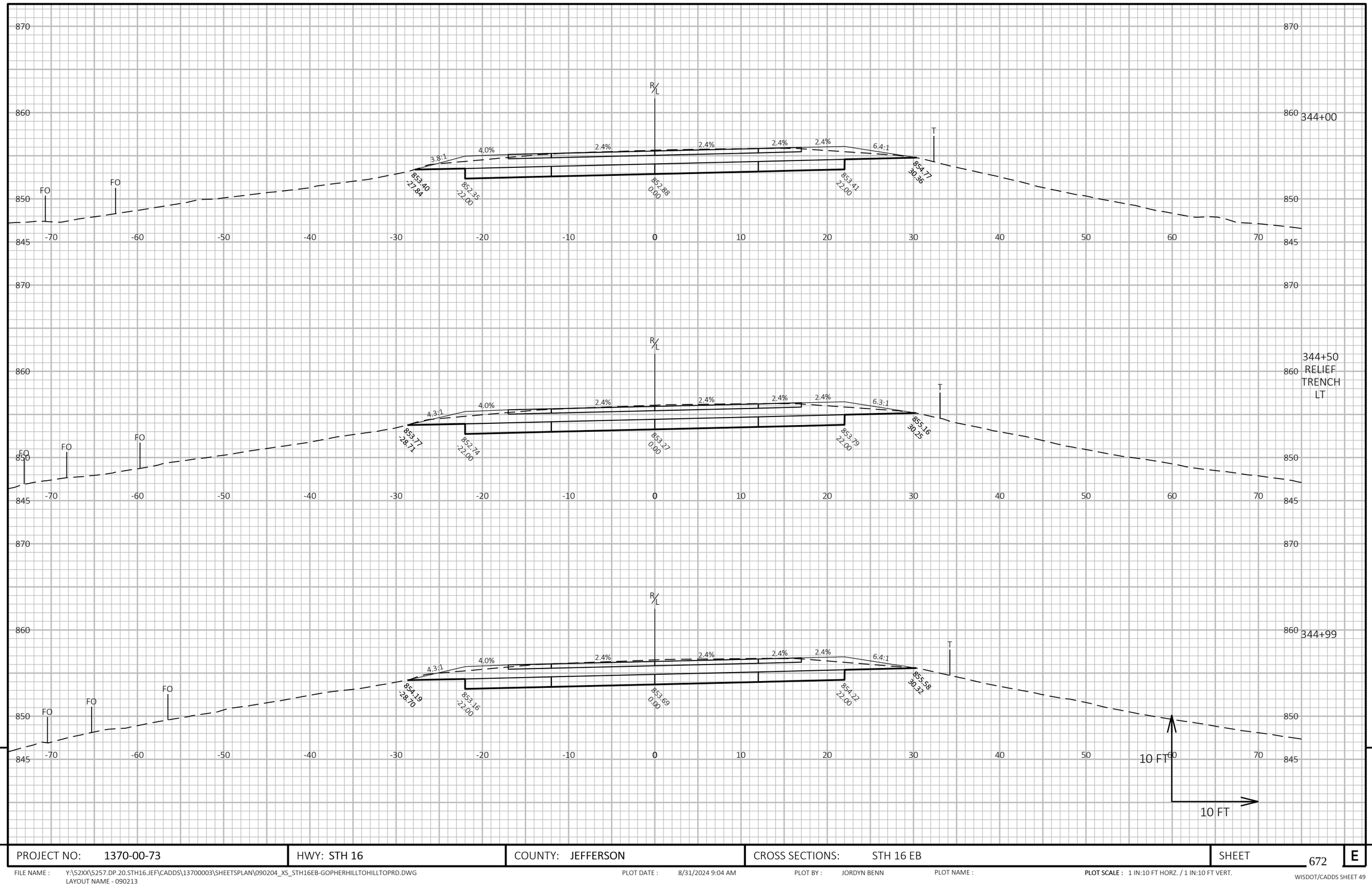
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 671	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090212

PLOT DATE : 8/31/2024 9:04 AM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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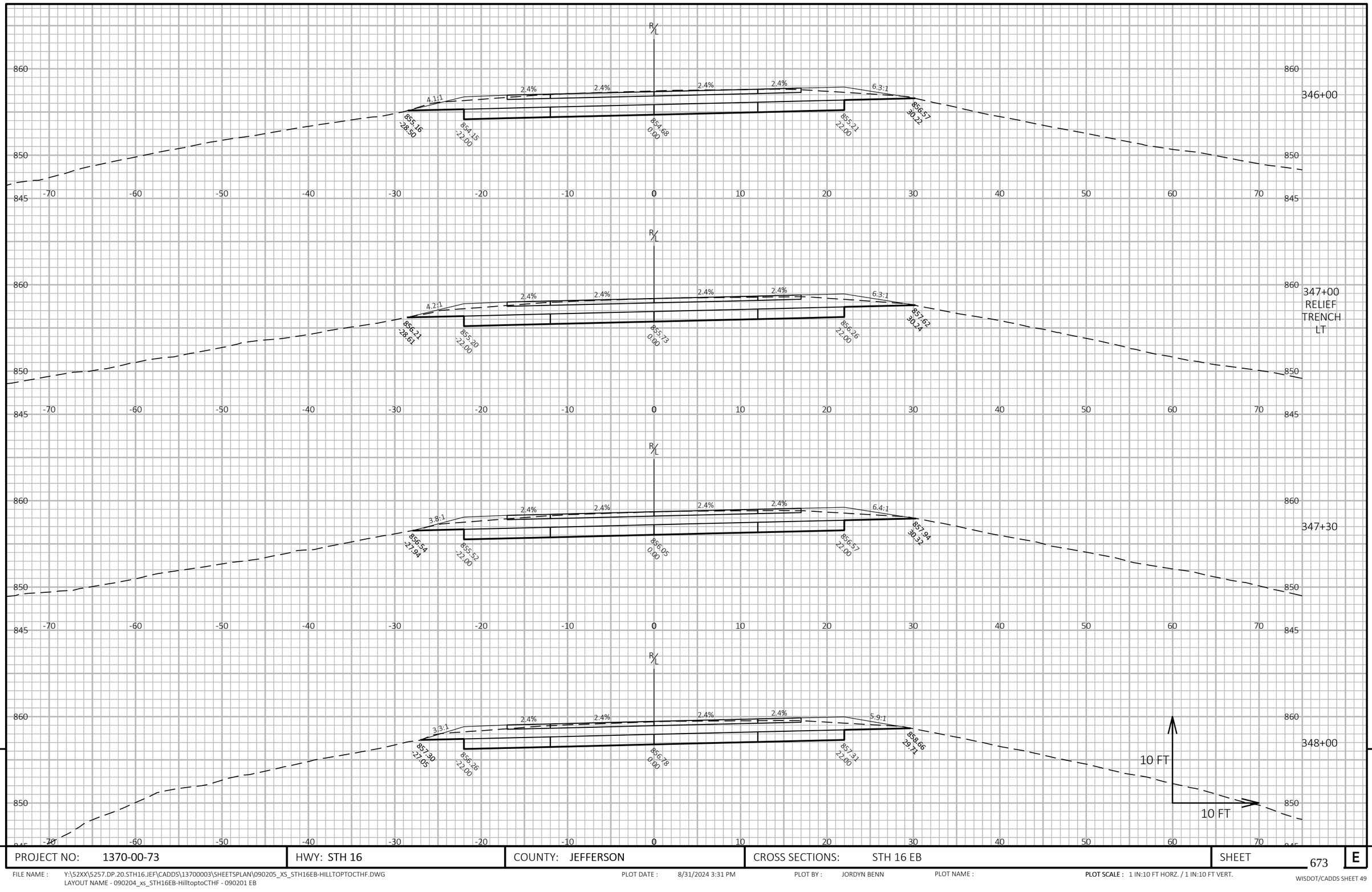
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 672	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090204_XS_STH16EB-GOPHERHILLTOHILLTOPRD.DWG
LAYOUT NAME - 090213

PLOT DATE : 8/31/2024 9:04 AM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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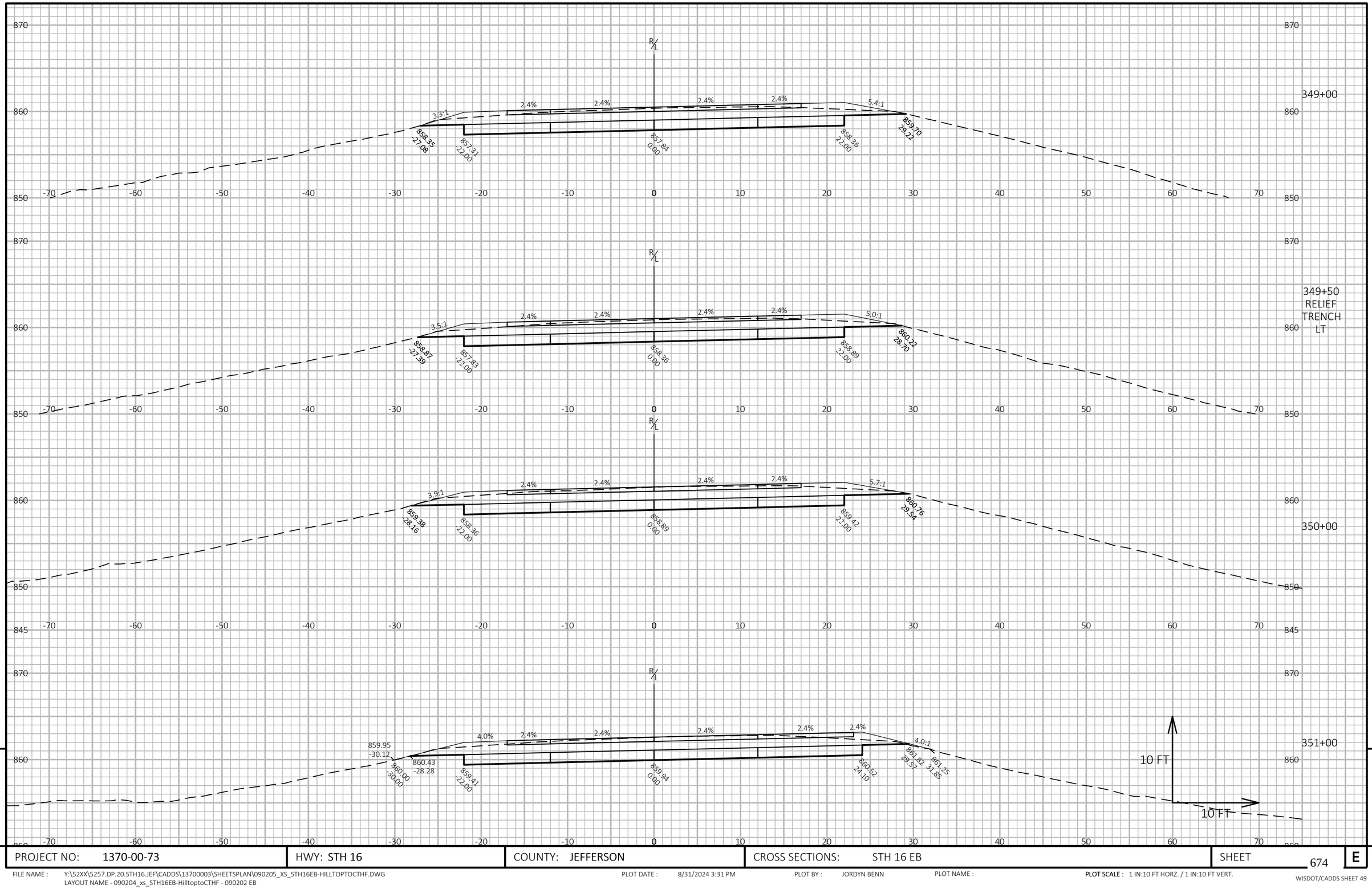
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 673	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090204_xs_STH16EB-HilltoptoCTHF - 090201 EB

PLOT DATE : 8/31/2024 3:31 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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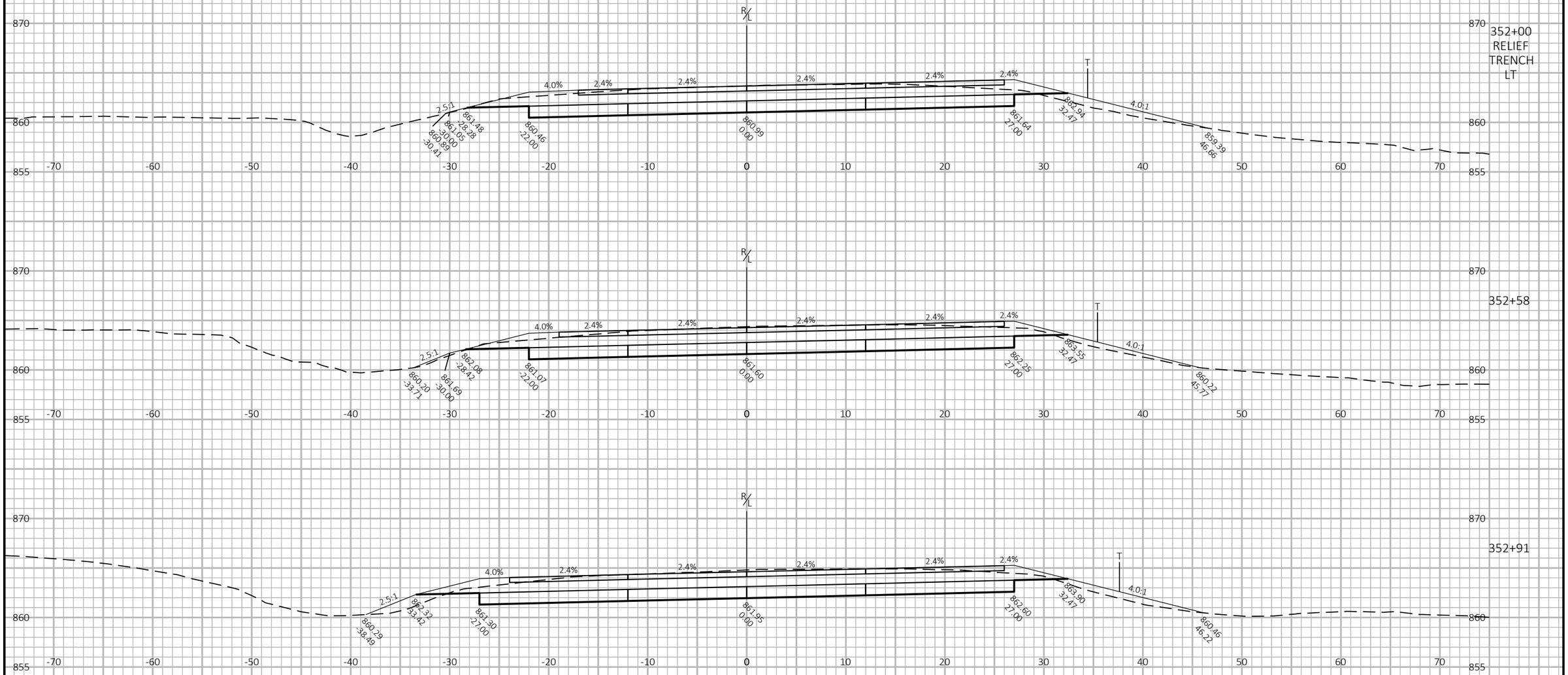
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 674	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090204_xs_STH16EB-HilltoptoCTHF - 090202 EB

PLOT DATE : 8/31/2024 3:31 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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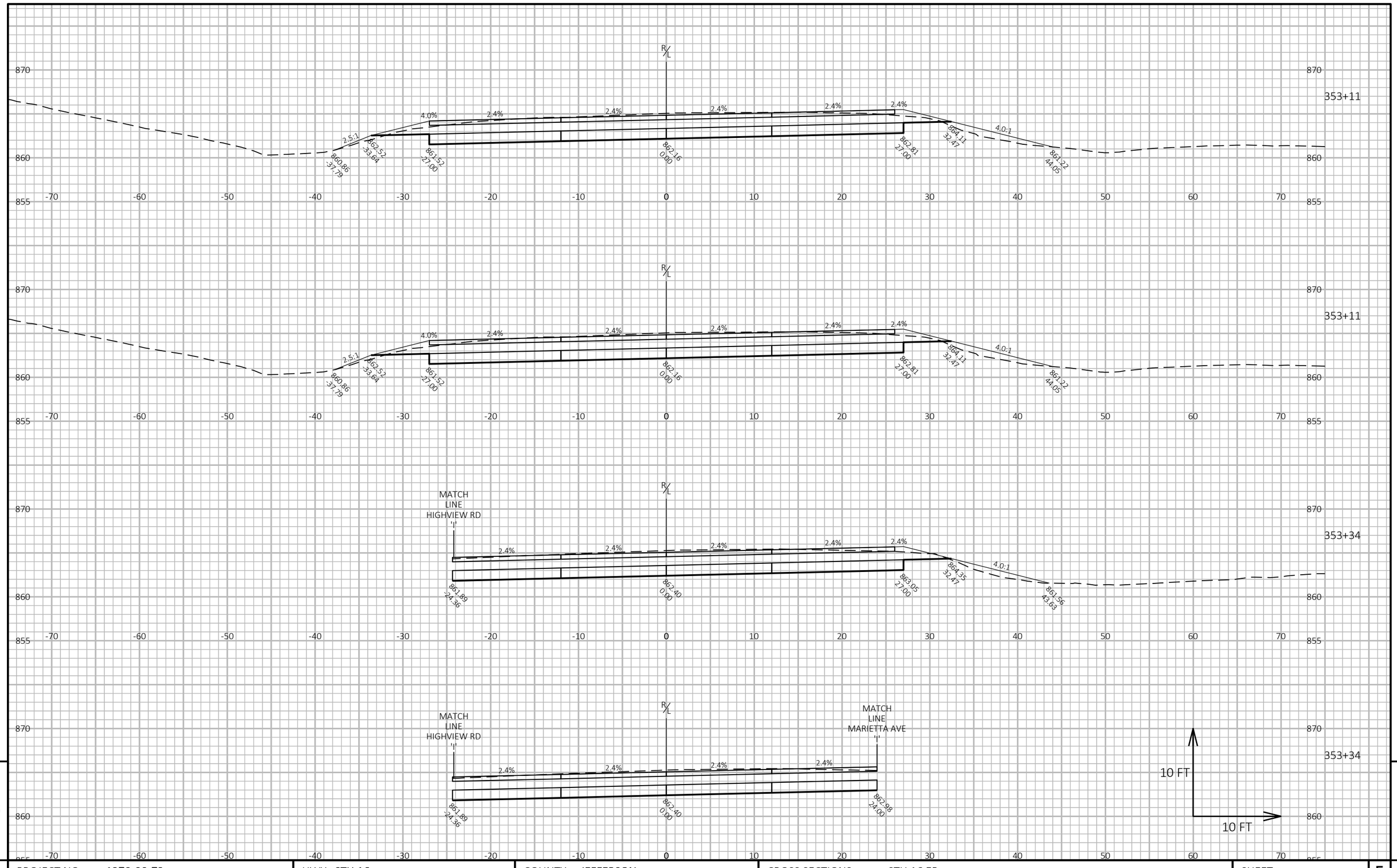
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 675	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090204_xs_STH16EB-HilltoptoCTHF - 090203 EB

PLOT DATE : 8/31/2024 3:31 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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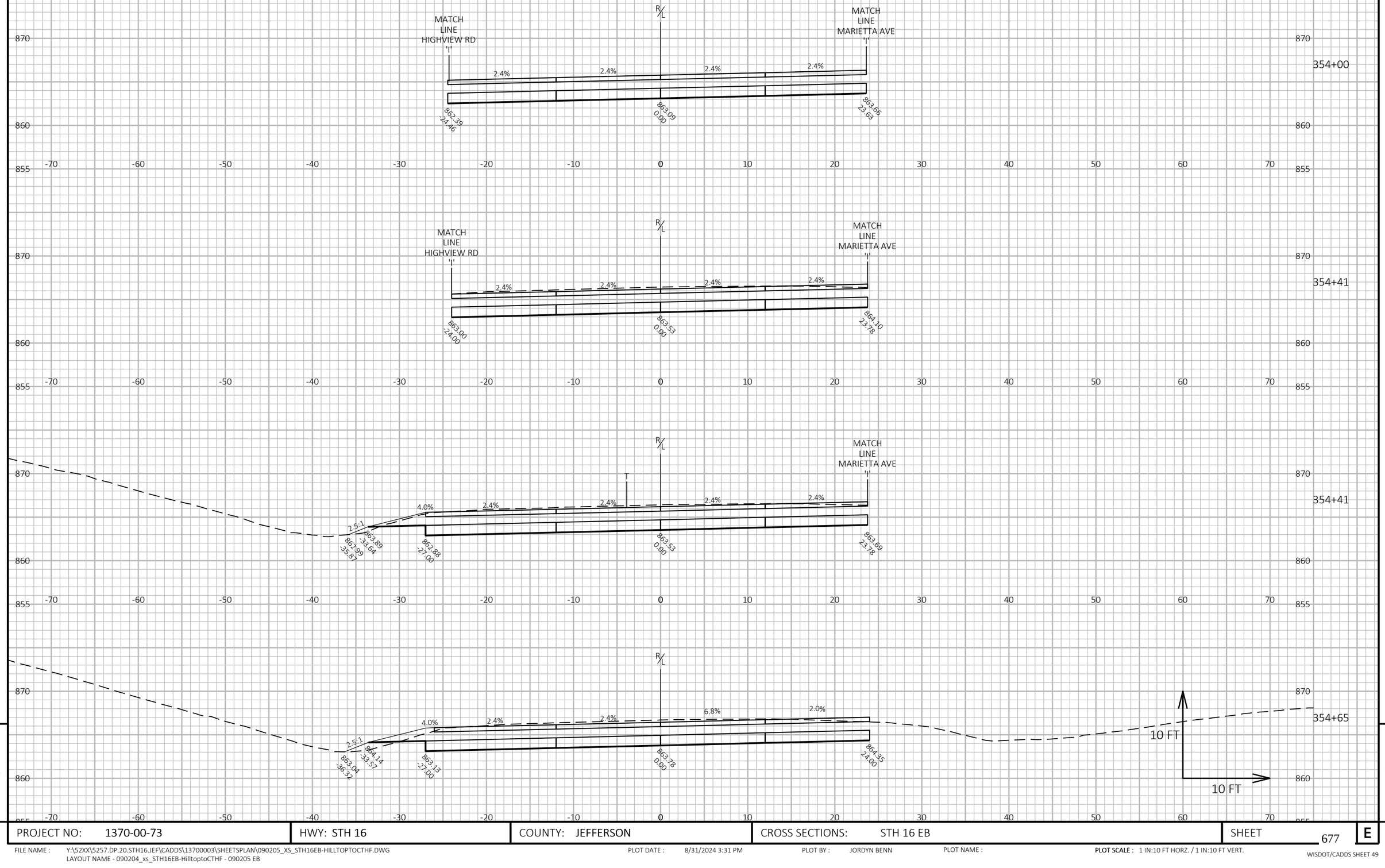
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 676	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090204_xs_STH16EB-HilltoptoCTHF - 090204 EB

PLOT DATE : 8/31/2024 3:31 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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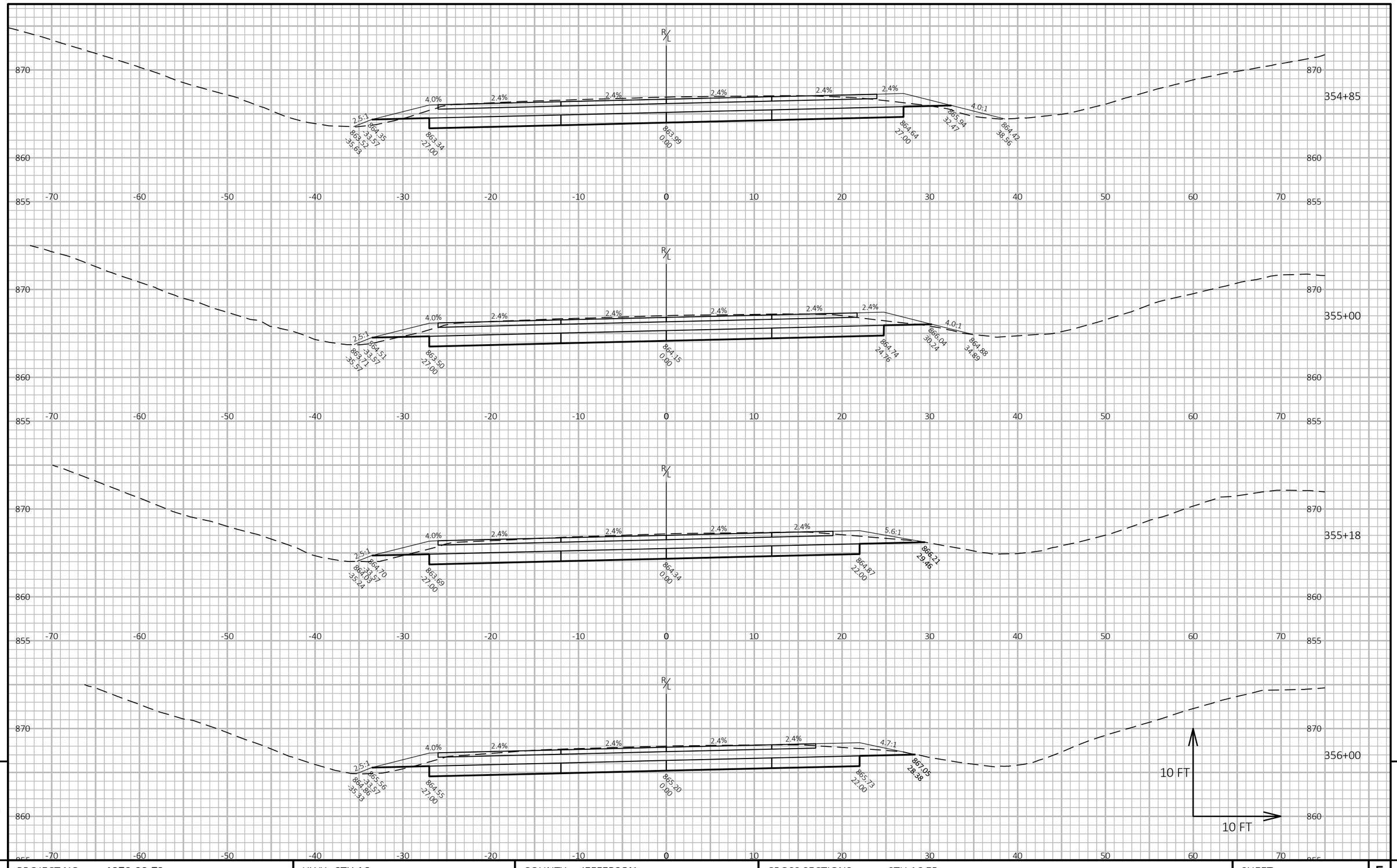
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 677	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090204_xs_STH16EB-HilltoptoCTHF - 090205 EB

PLOT DATE : 8/31/2024 3:31 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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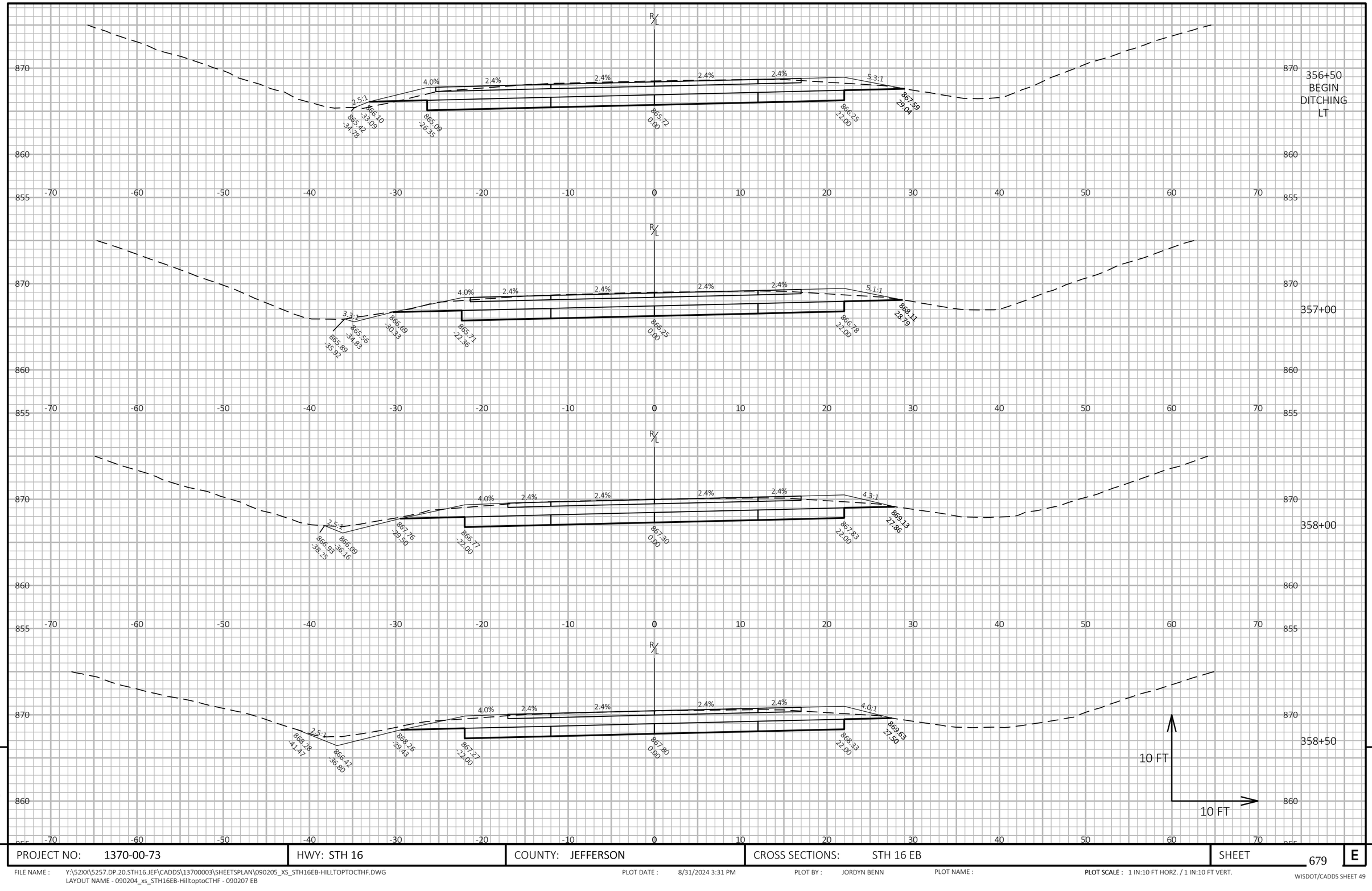
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 678	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090204_xs_STH16EB-HilltoptoCTHF - 090206 EB

PLOT DATE : 8/31/2024 3:31 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

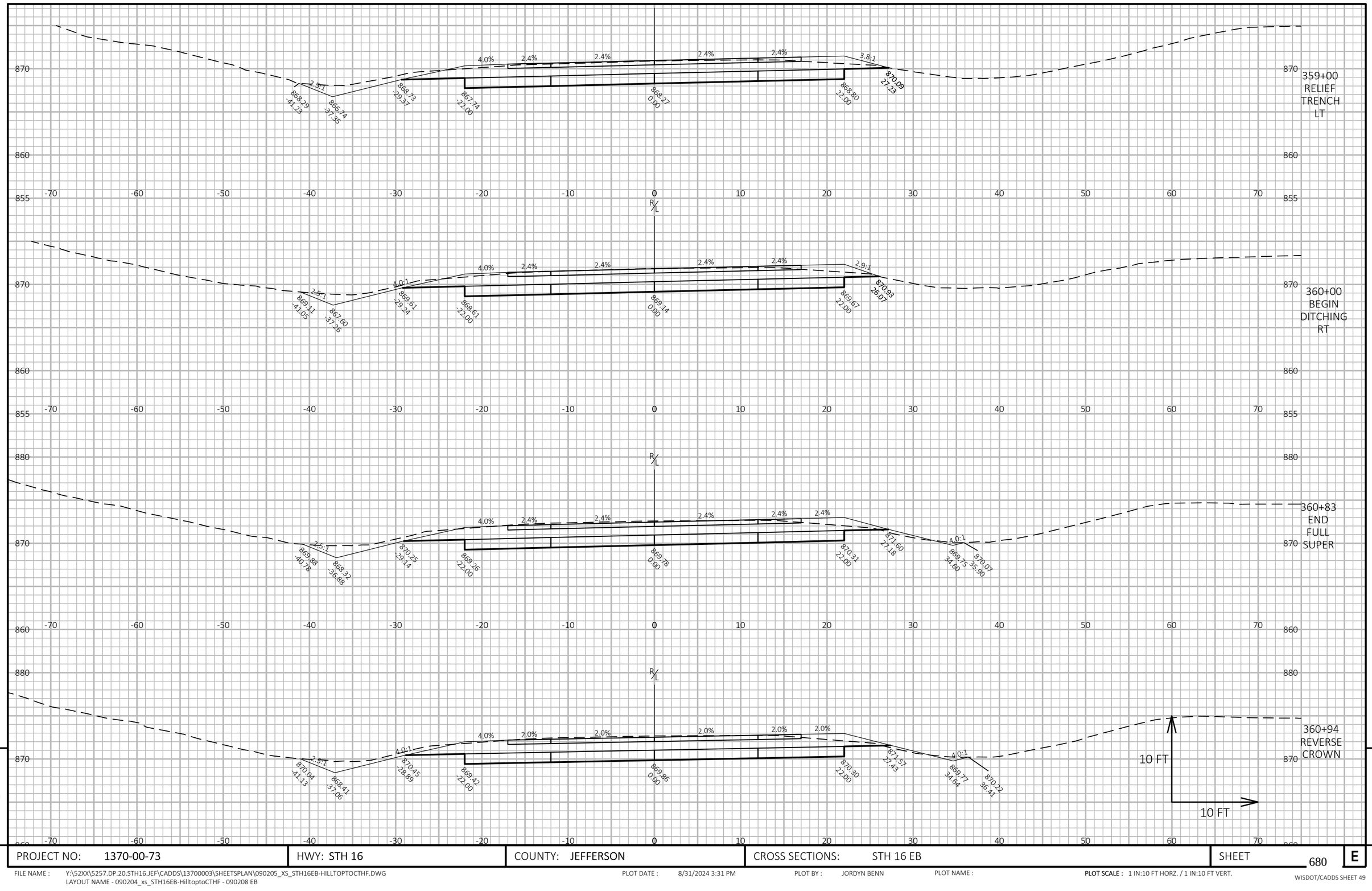


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 679	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090204_xs_STH16EB-HilltoptoCTHF - 090207 EB

PLOT DATE : 8/31/2024 3:31 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

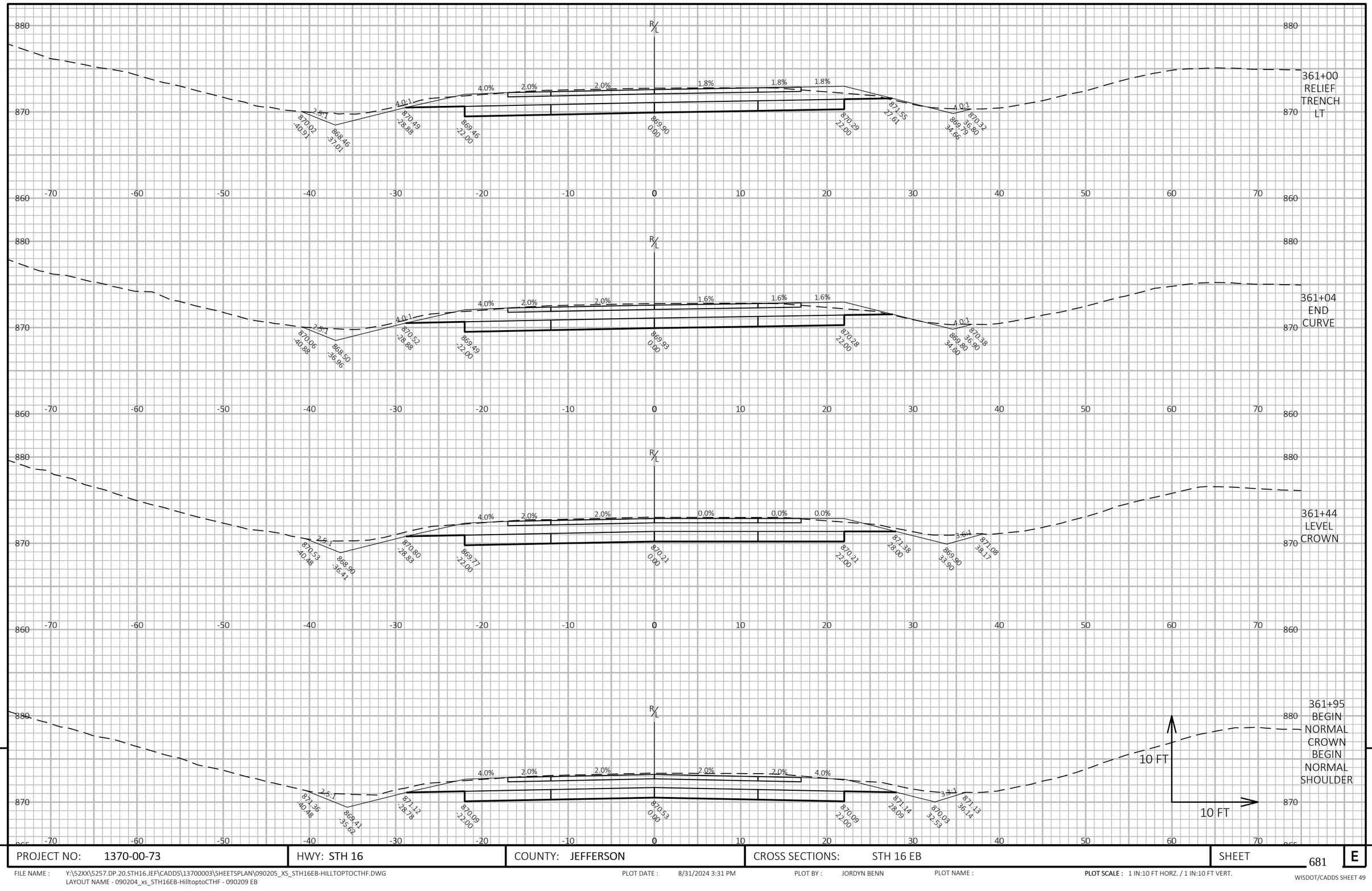


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 680	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090204_xs_STH16EB-HilltoptoCTHF - 090208 EB

PLOT DATE : 8/31/2024 3:31 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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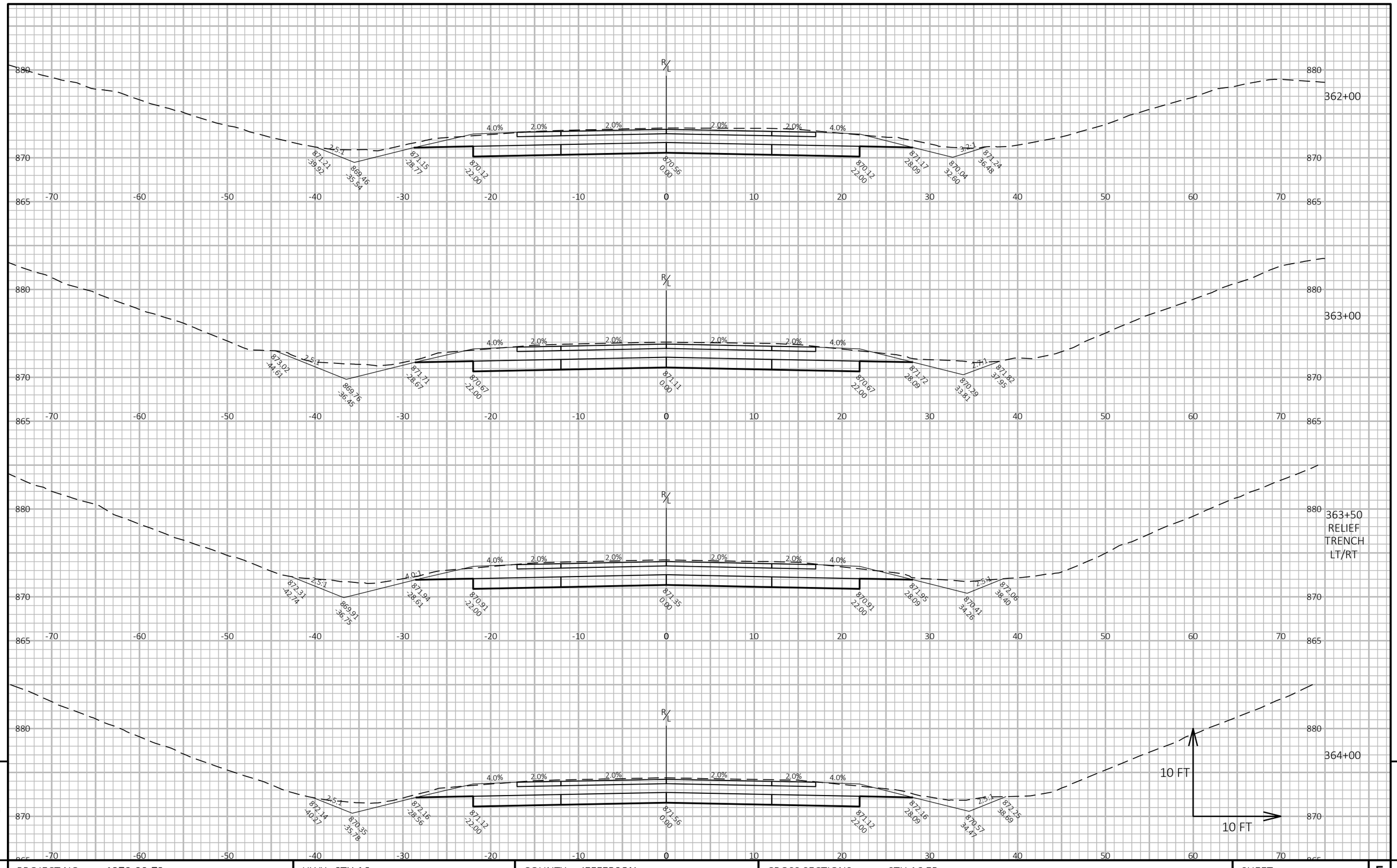
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 681	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090204_xs_STH16EB-HilltoptoCTHF - 090209 EB

PLOT DATE : 8/31/2024 3:31 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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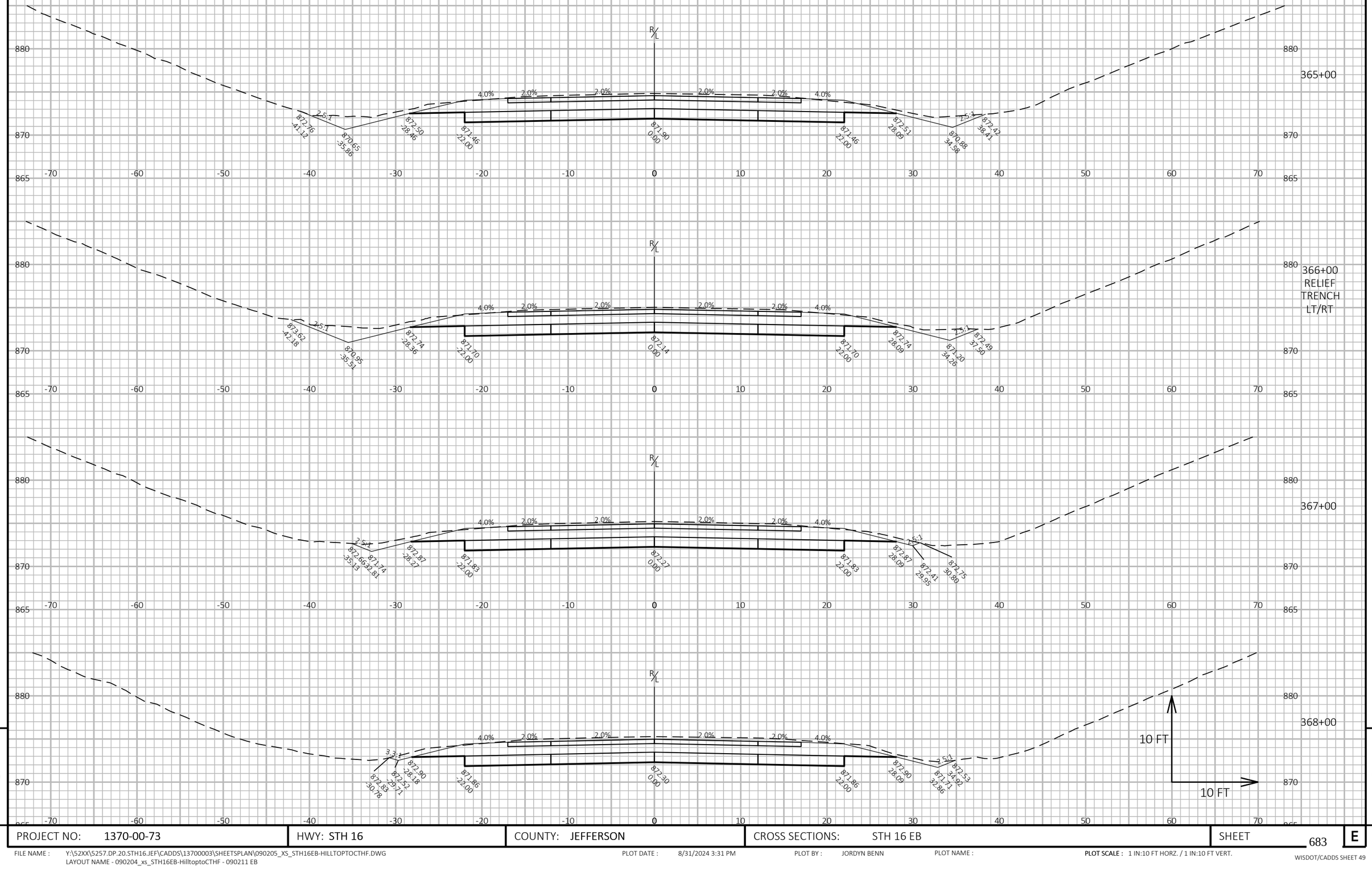
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 682	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090204_xs_STH16EB-HilltoptoCTHF - 090210 EB

PLOT DATE : 8/31/2024 3:31 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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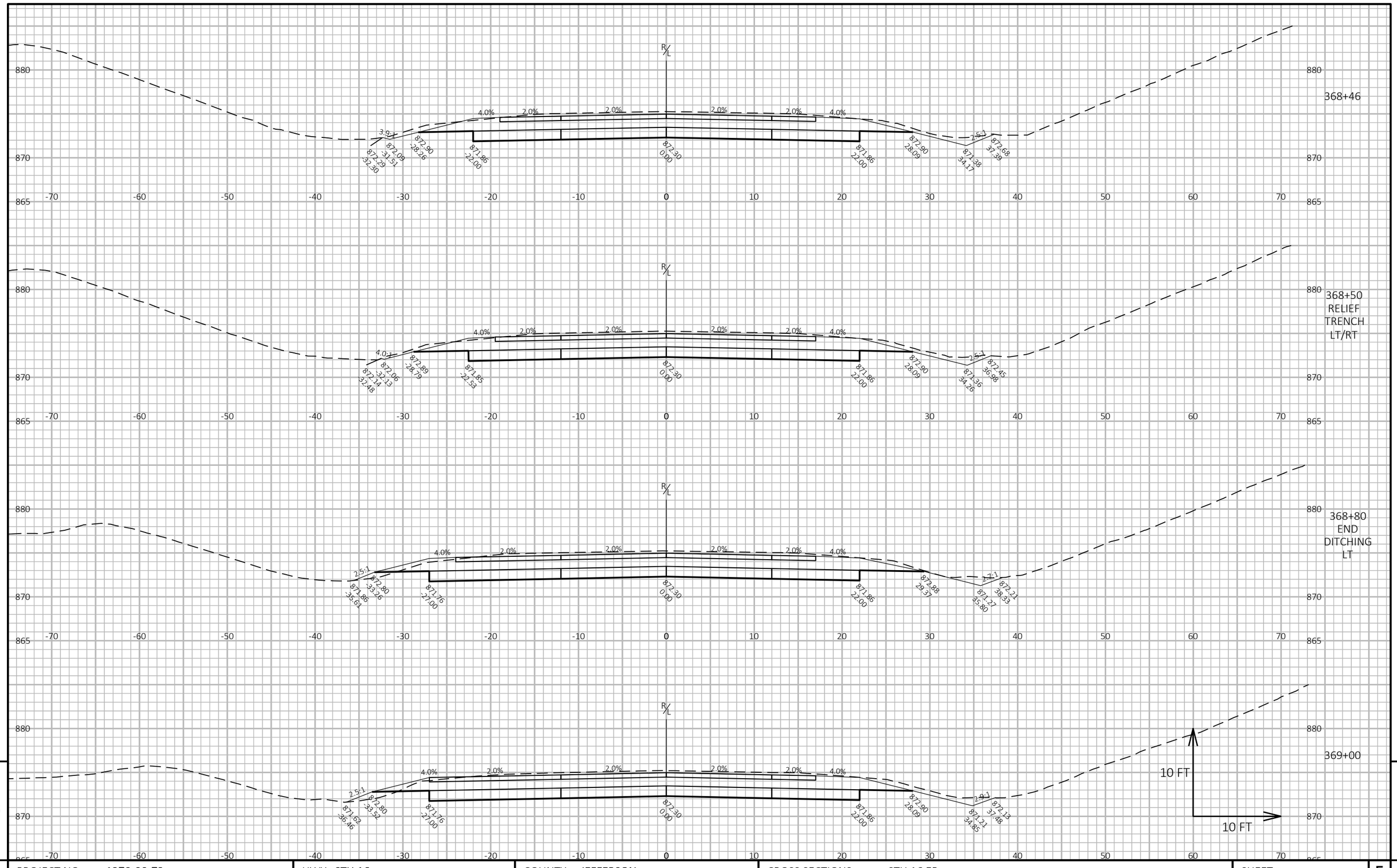
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 683	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090204_xs_STH16EB-HilltoptoCTHF - 090211 EB

PLOT DATE : 8/31/2024 3:31 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 684	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090212 EB

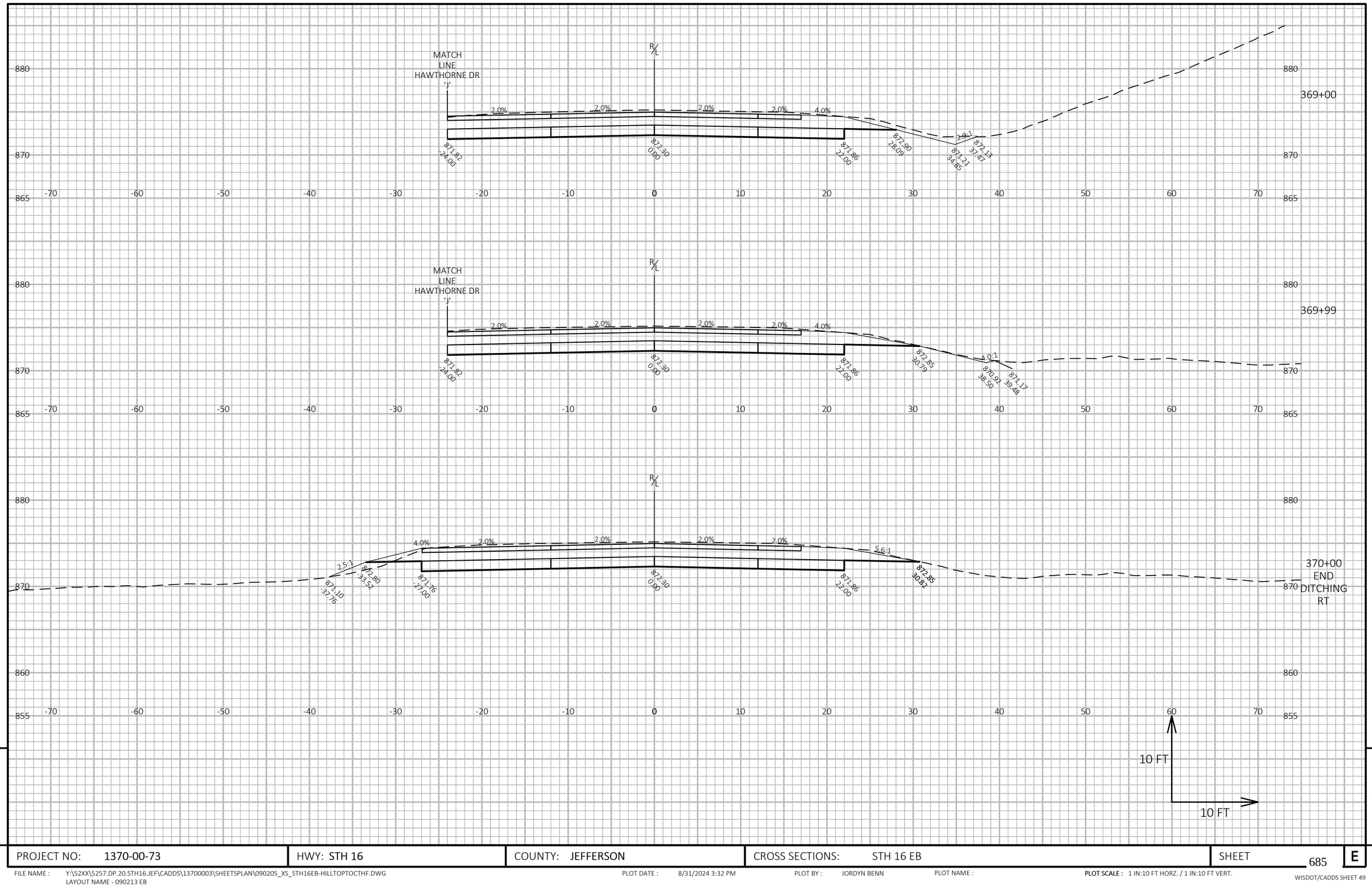
PLOT DATE : 8/31/2024 3:31 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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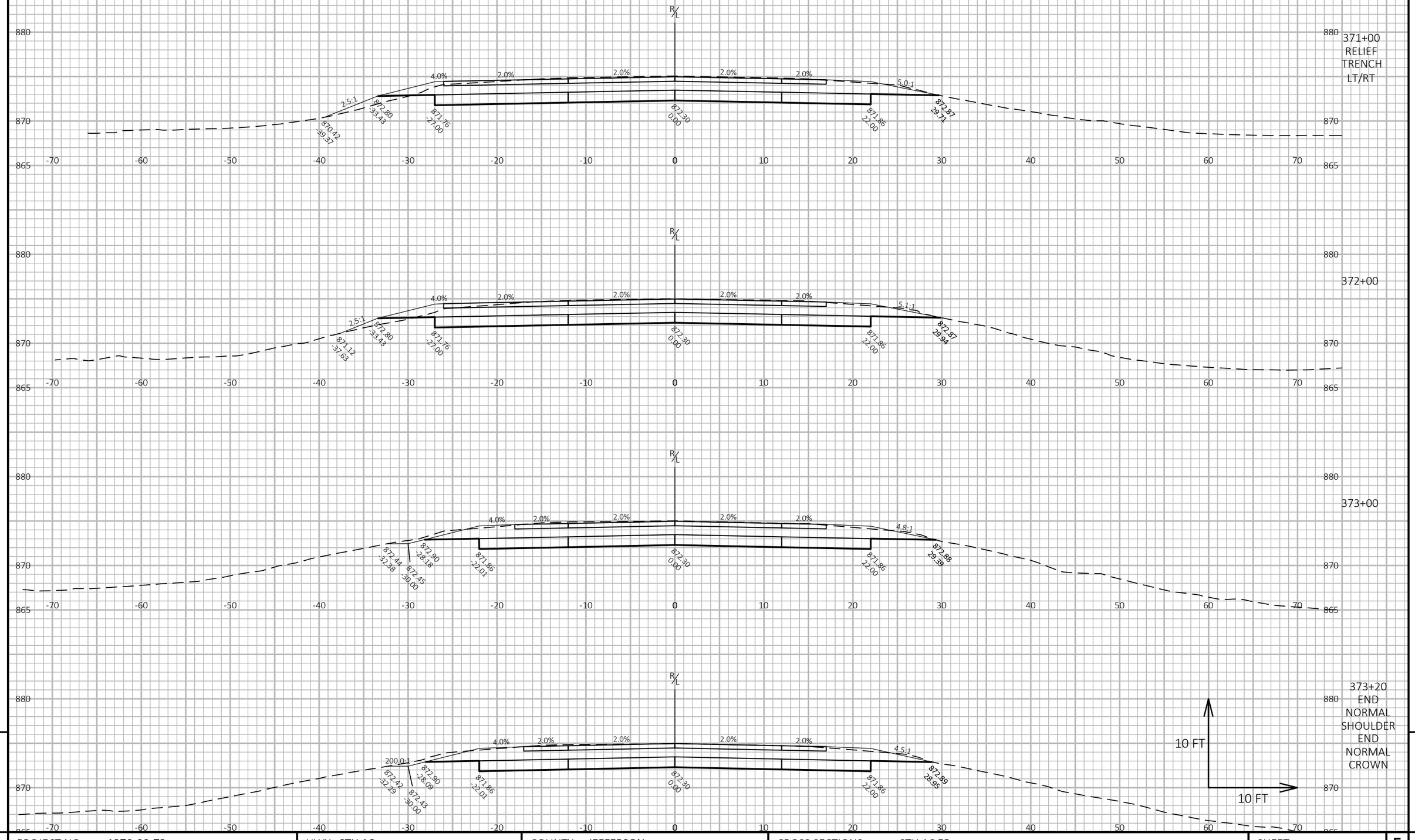
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 685	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090213 EB

PLOT DATE : 8/31/2024 3:32 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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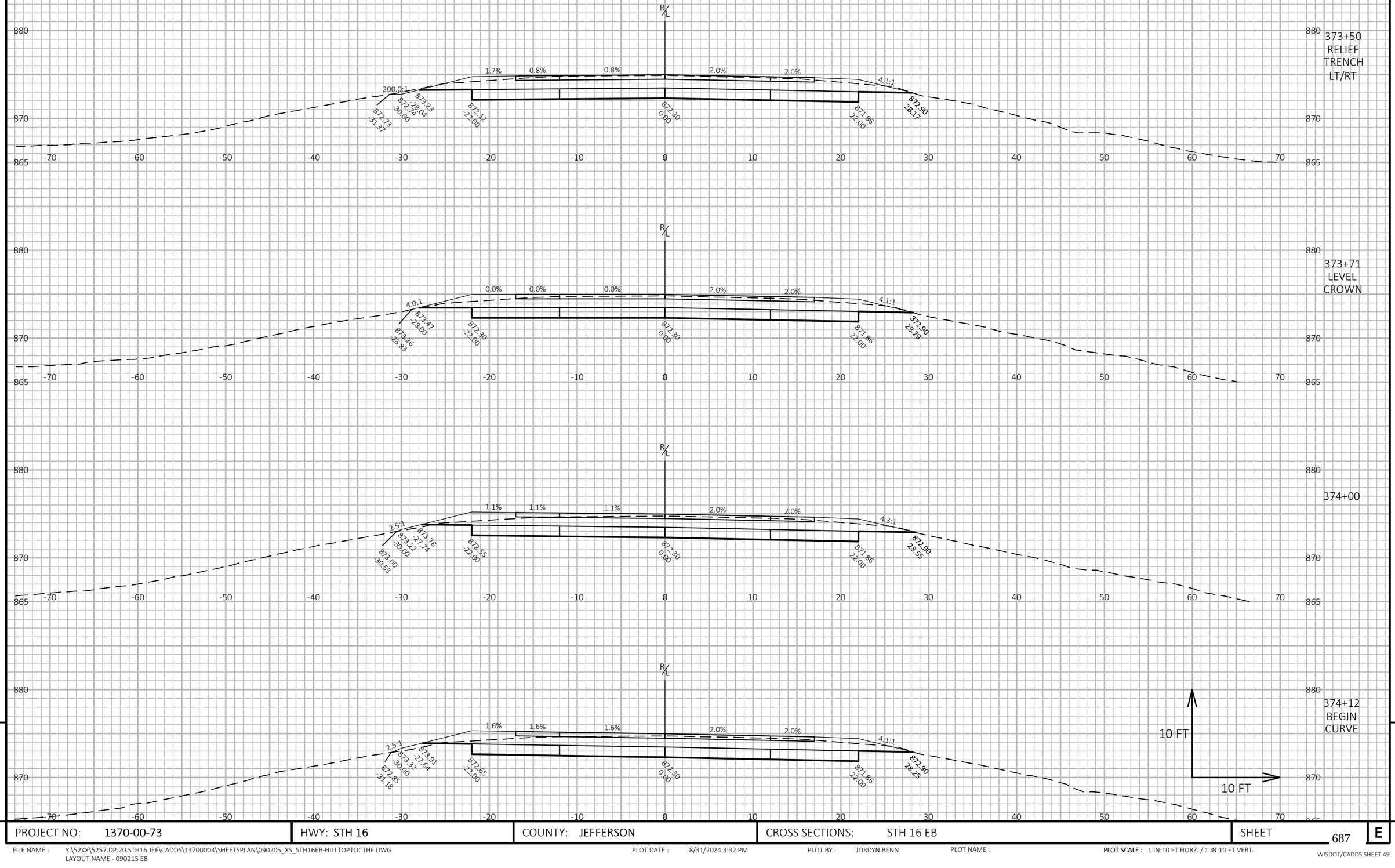
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 686	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090214 EB

PLOT DATE : 8/31/2024 3:32 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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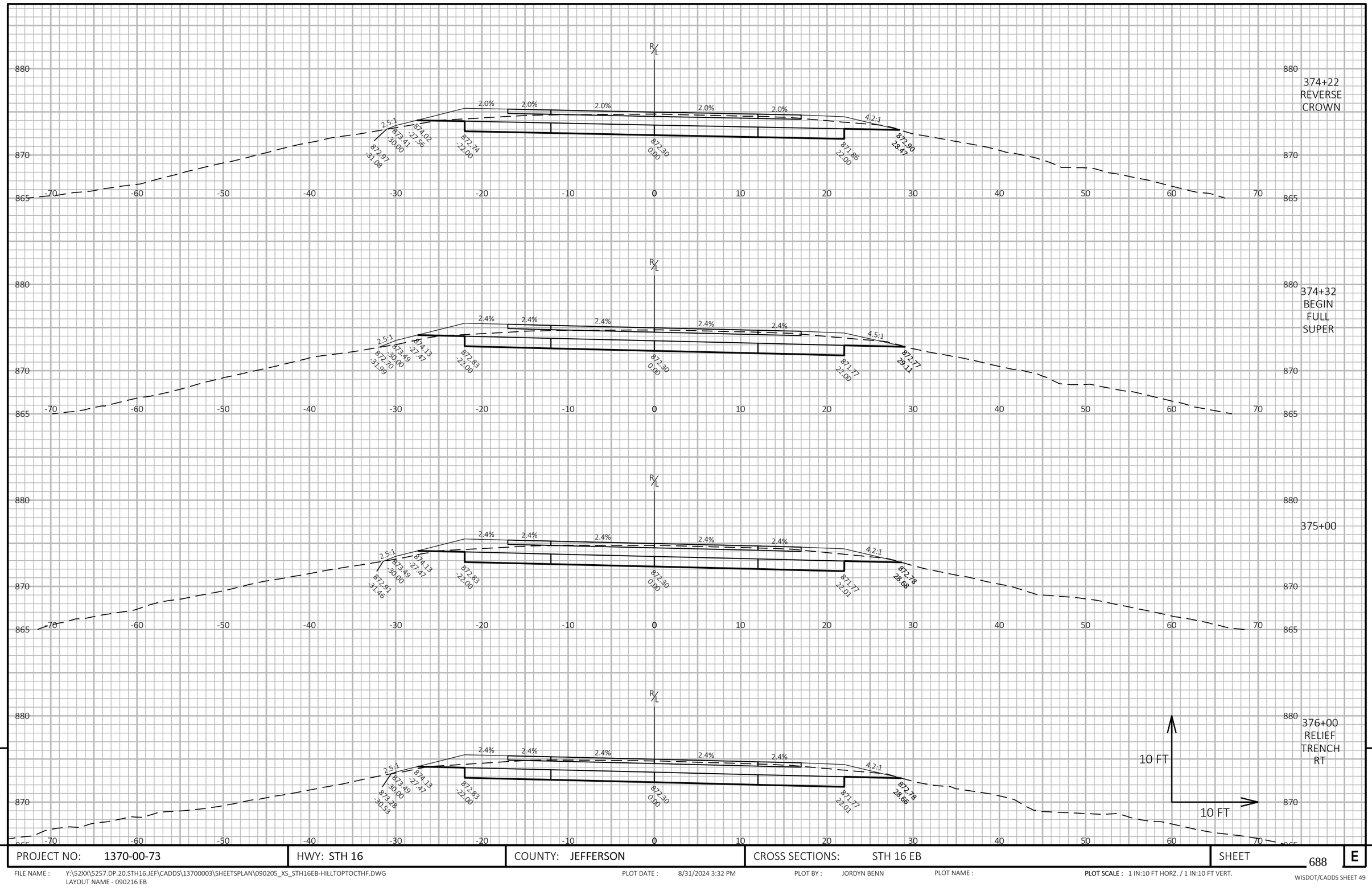
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 687	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090215 EB

PLOT DATE : 8/31/2024 3:32 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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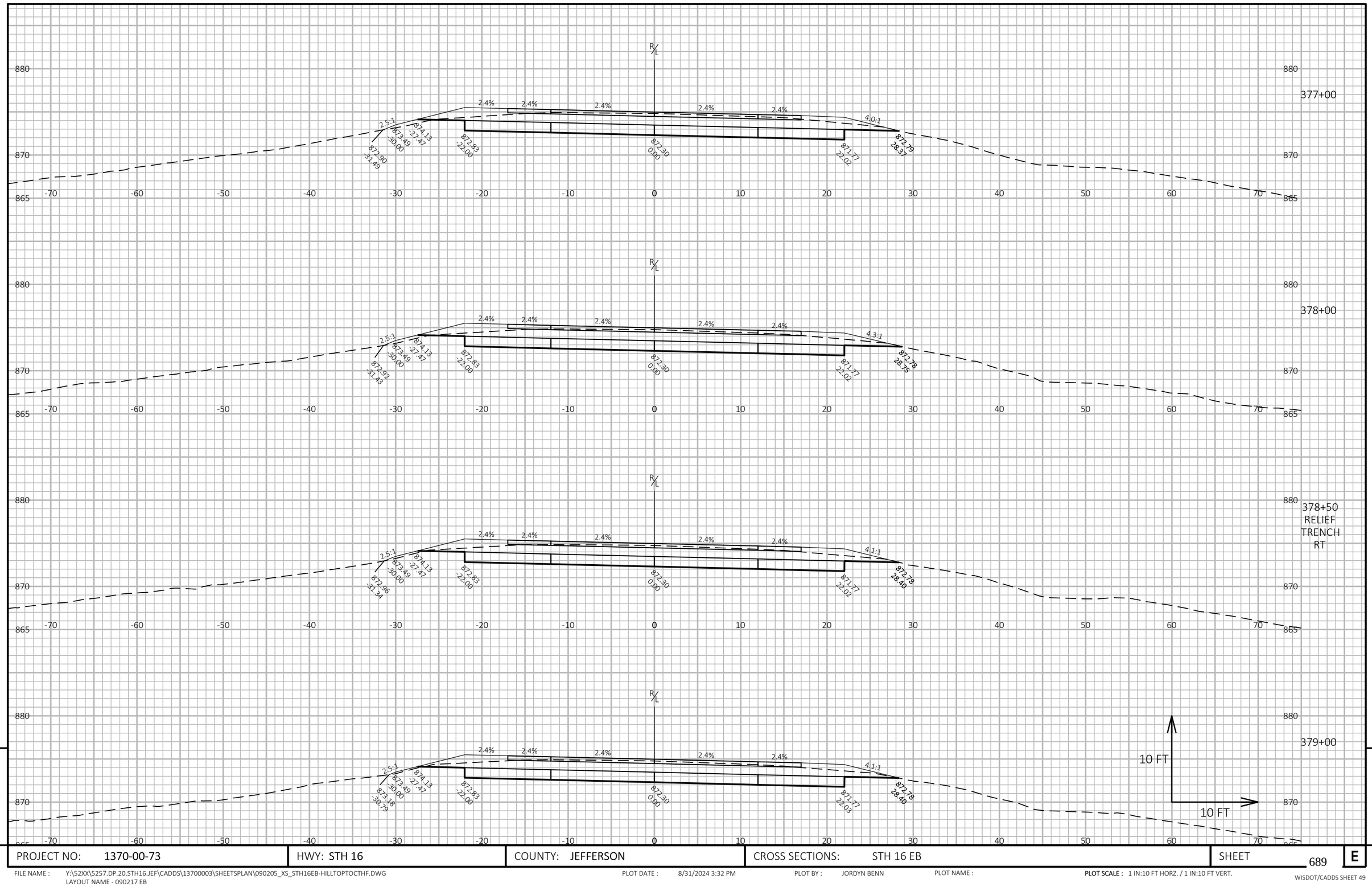
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 688	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090216 EB

PLOT DATE : 8/31/2024 3:32 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 689	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090217 EB

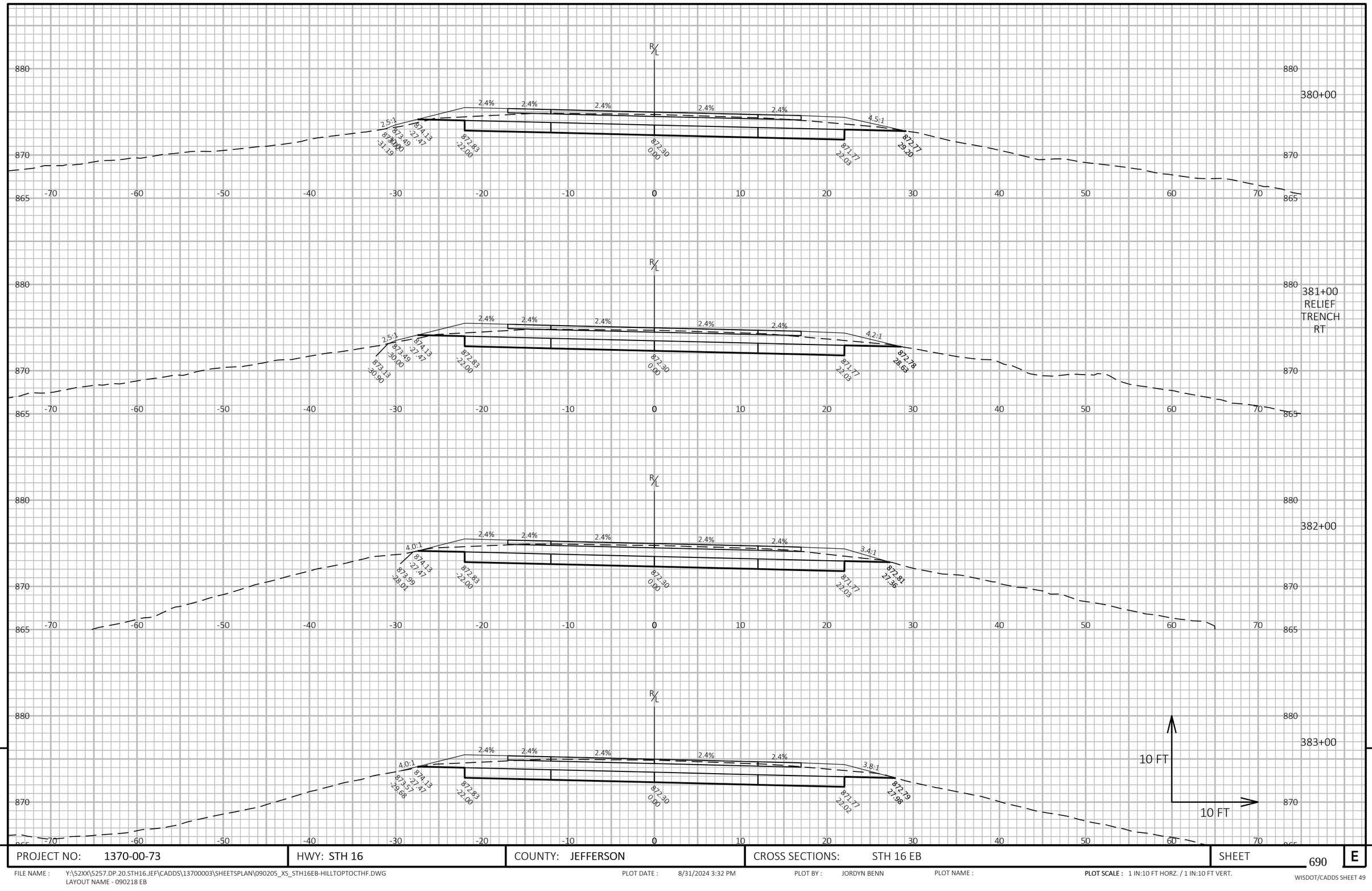
PLOT DATE : 8/31/2024 3:32 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

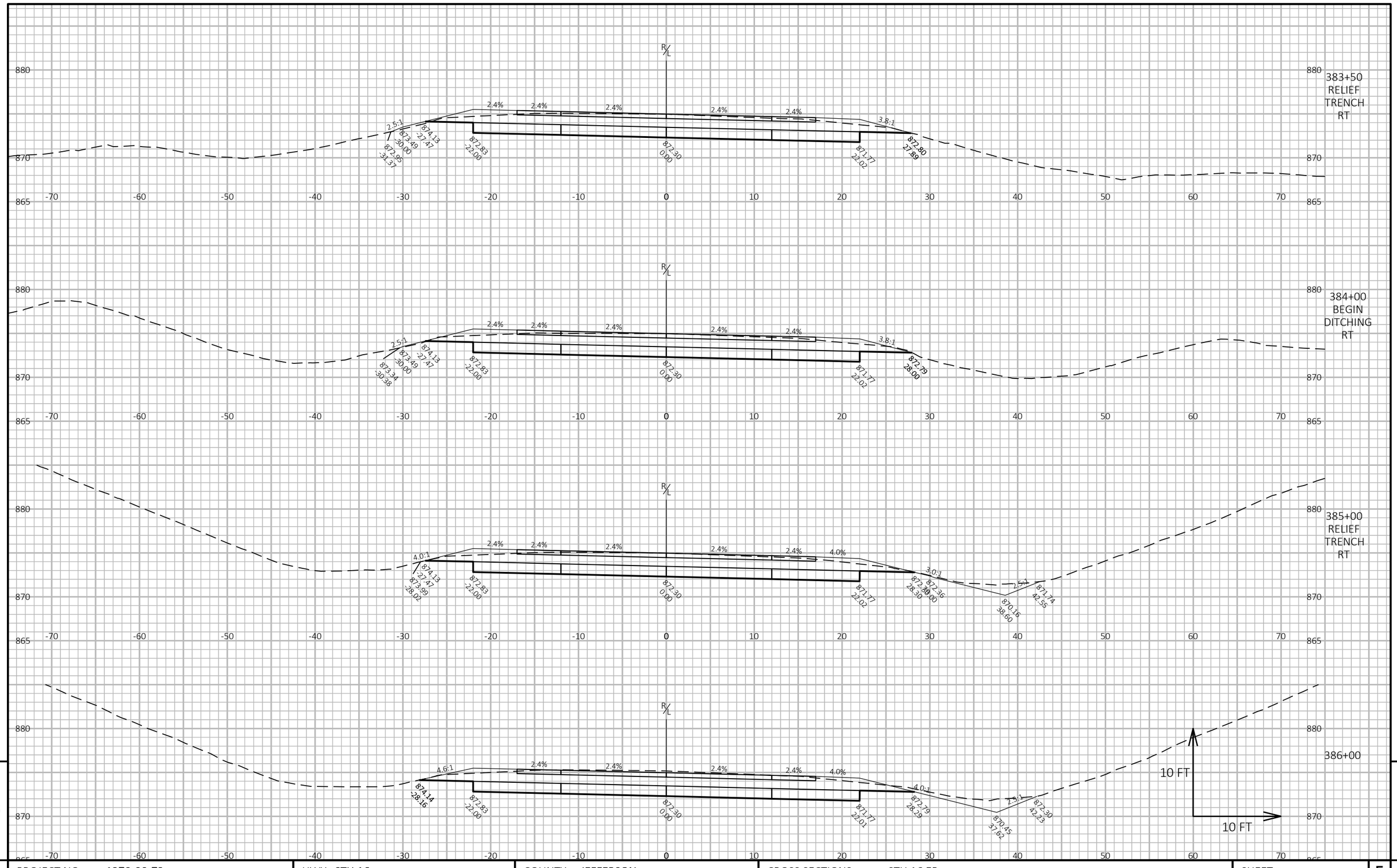


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 690	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090218 EB

PLOT DATE : 8/31/2024 3:32 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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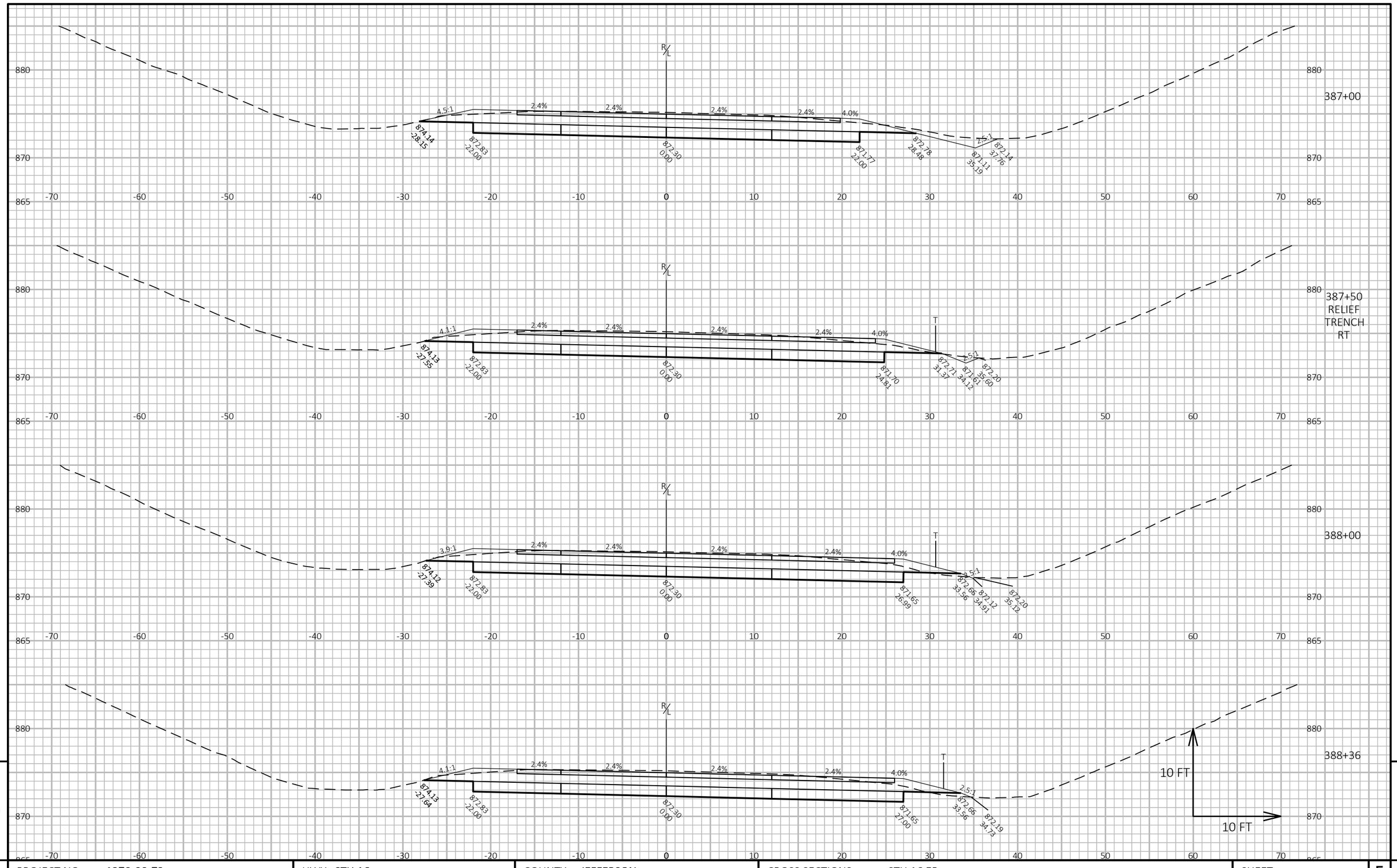
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 691	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090219 EB

PLOT DATE : 8/31/2024 3:32 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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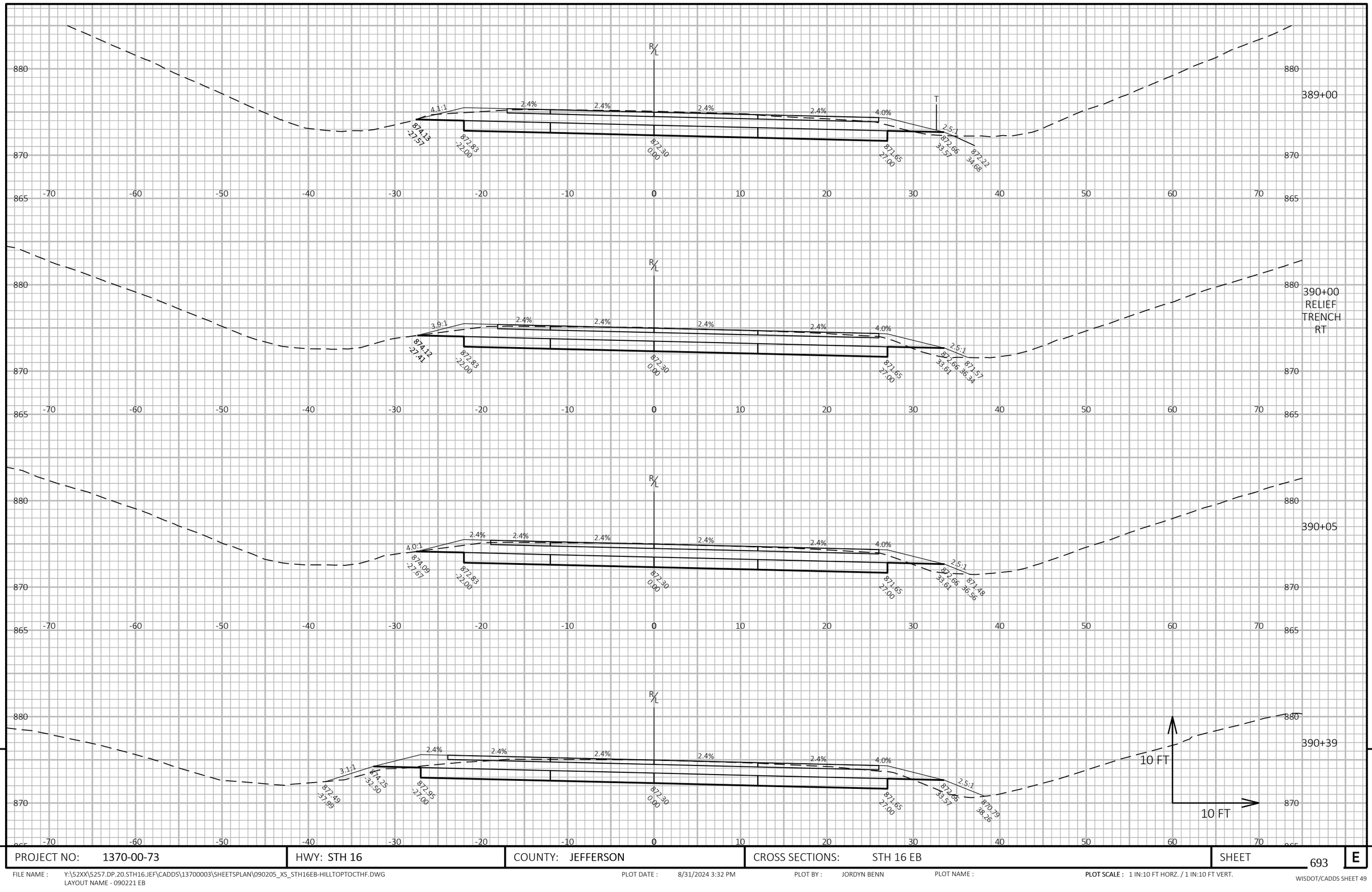
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 692	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090220 EB

PLOT DATE : 8/31/2024 3:32 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 693	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090221 EB

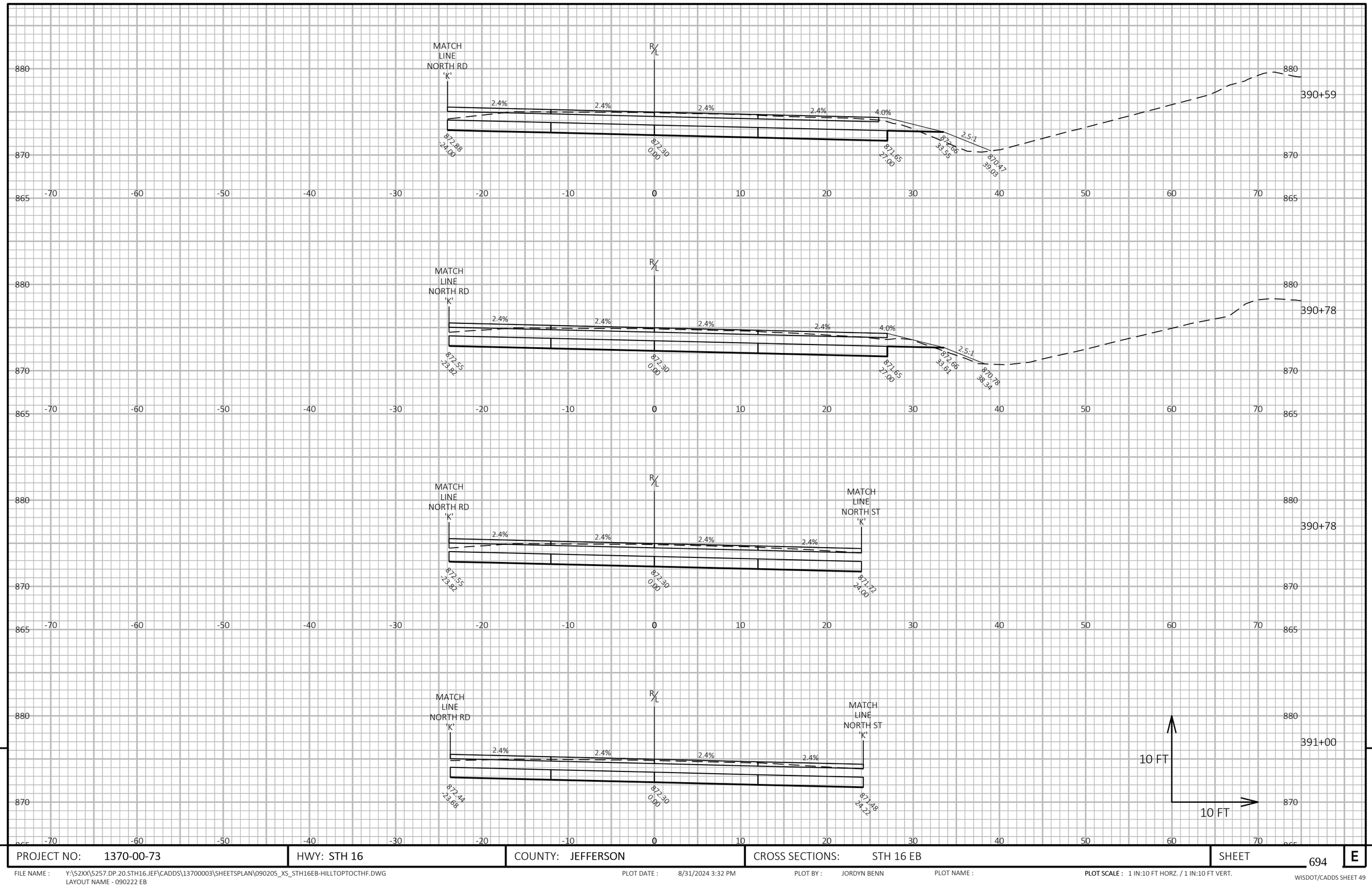
PLOT DATE : 8/31/2024 3:32 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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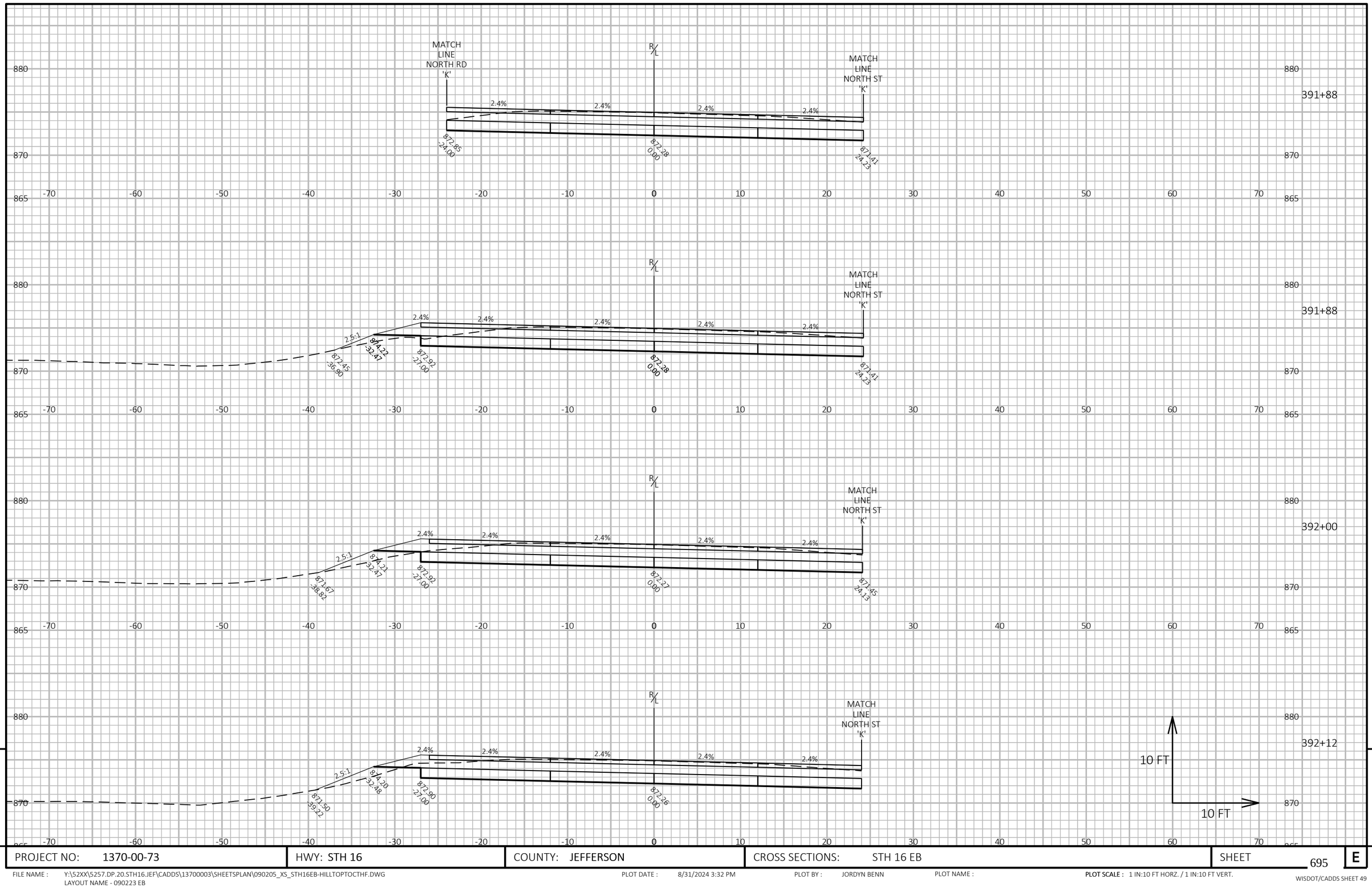
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 694	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090222 EB

PLOT DATE : 8/31/2024 3:32 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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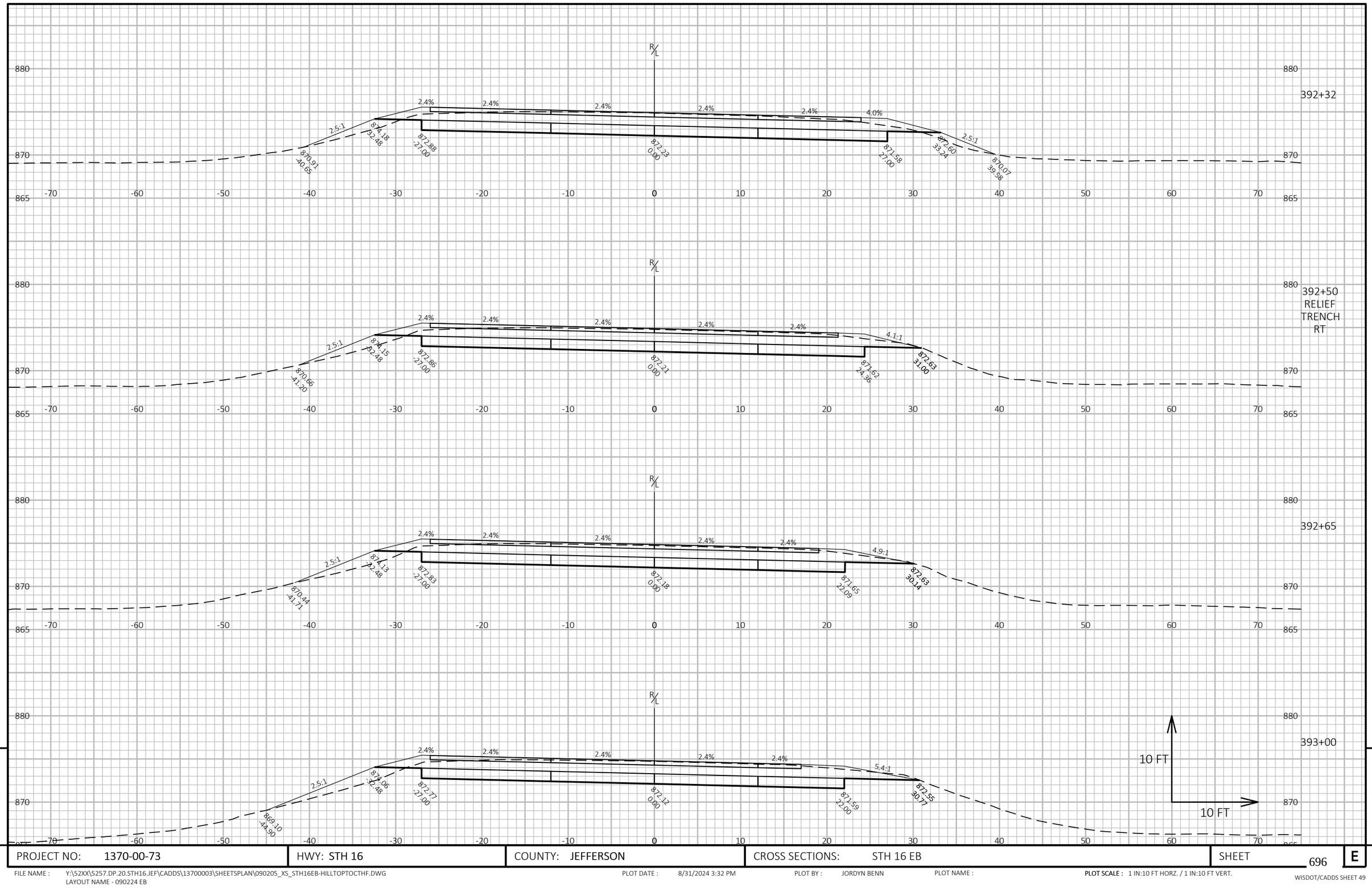
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 695	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090223 EB

PLOT DATE : 8/31/2024 3:32 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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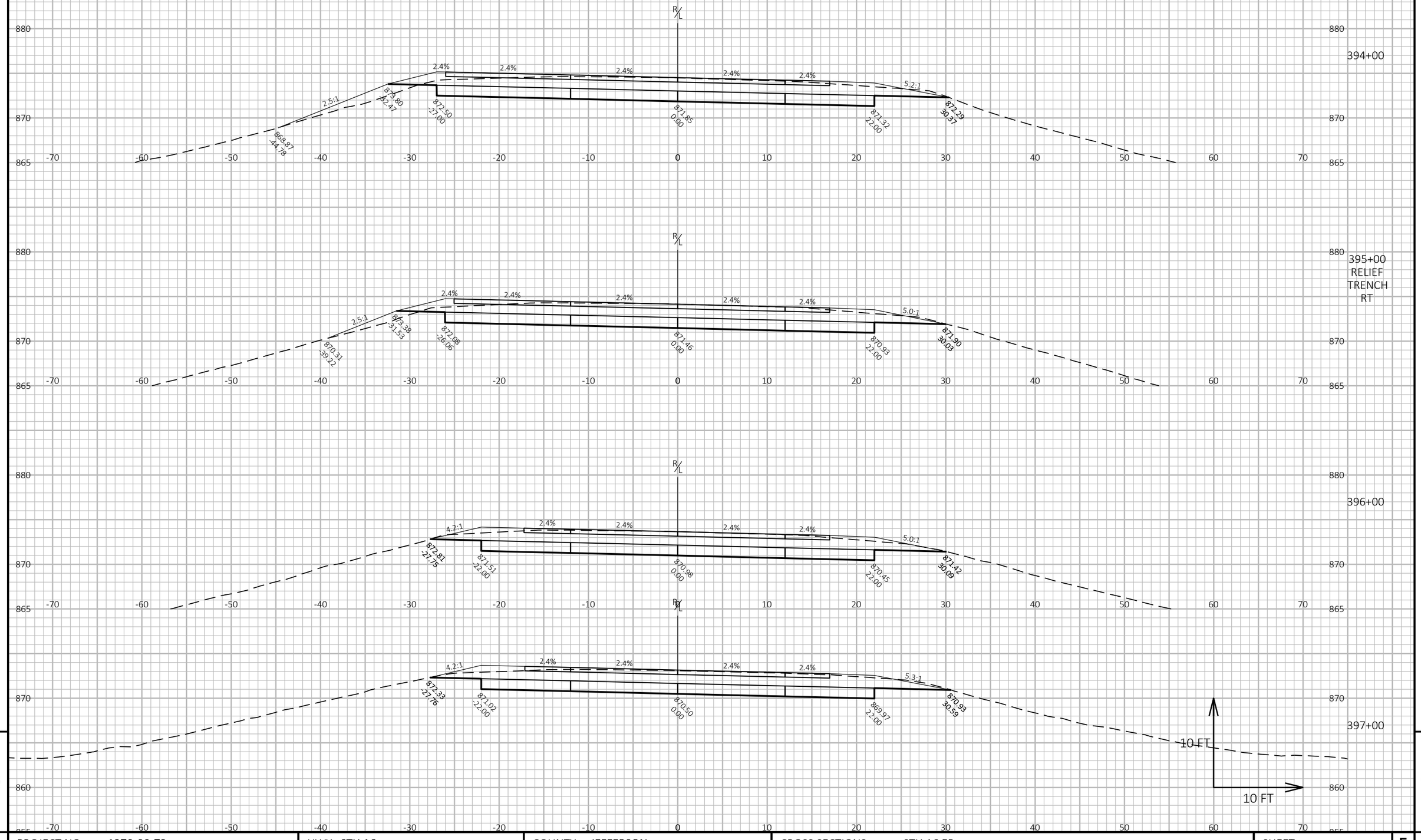
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 696	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090224 EB

PLOT DATE : 8/31/2024 3:32 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 697	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090225 EB

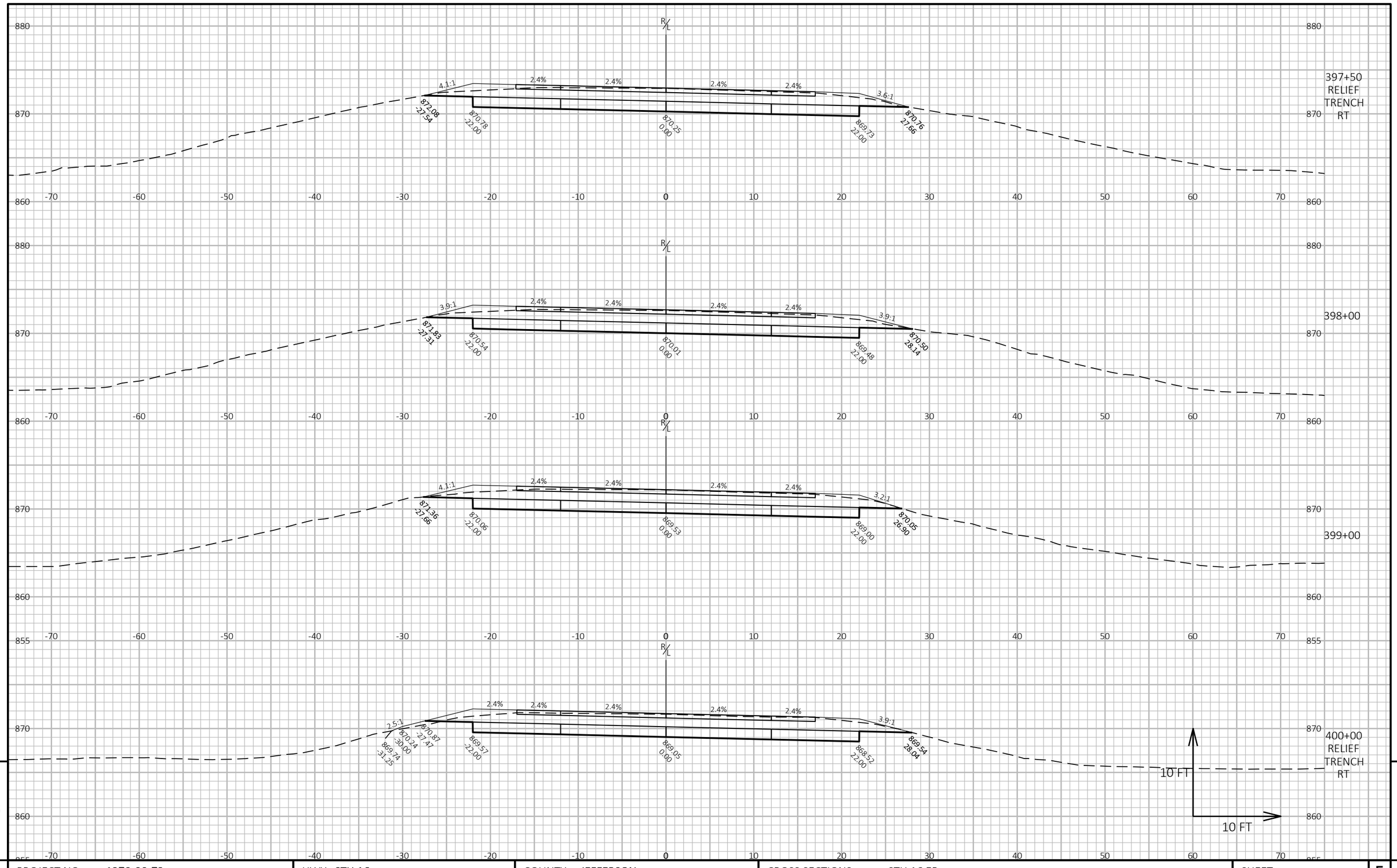
PLOT DATE : 8/31/2024 3:32 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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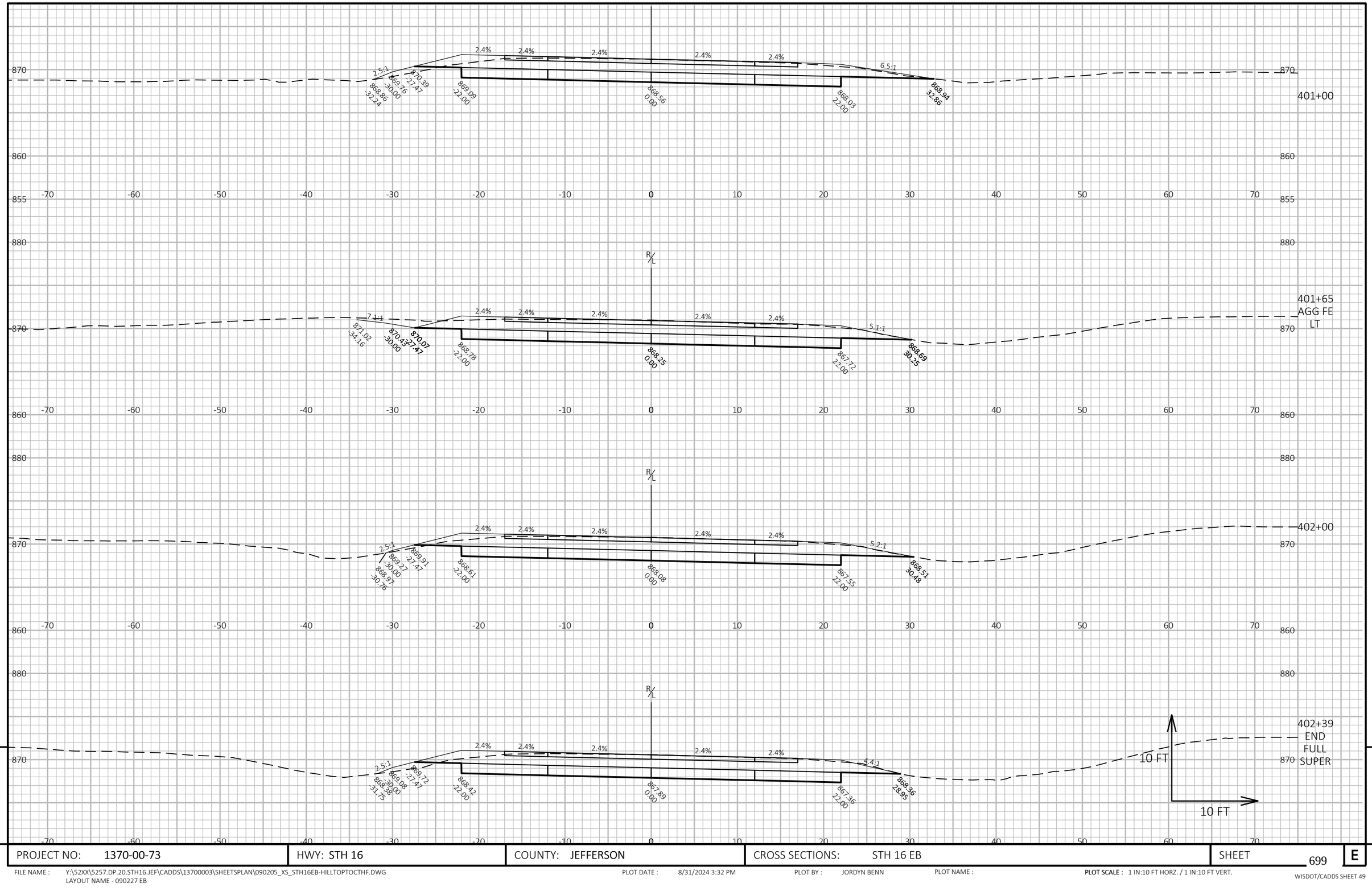
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 698	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090226 EB

PLOT DATE : 8/31/2024 3:32 PM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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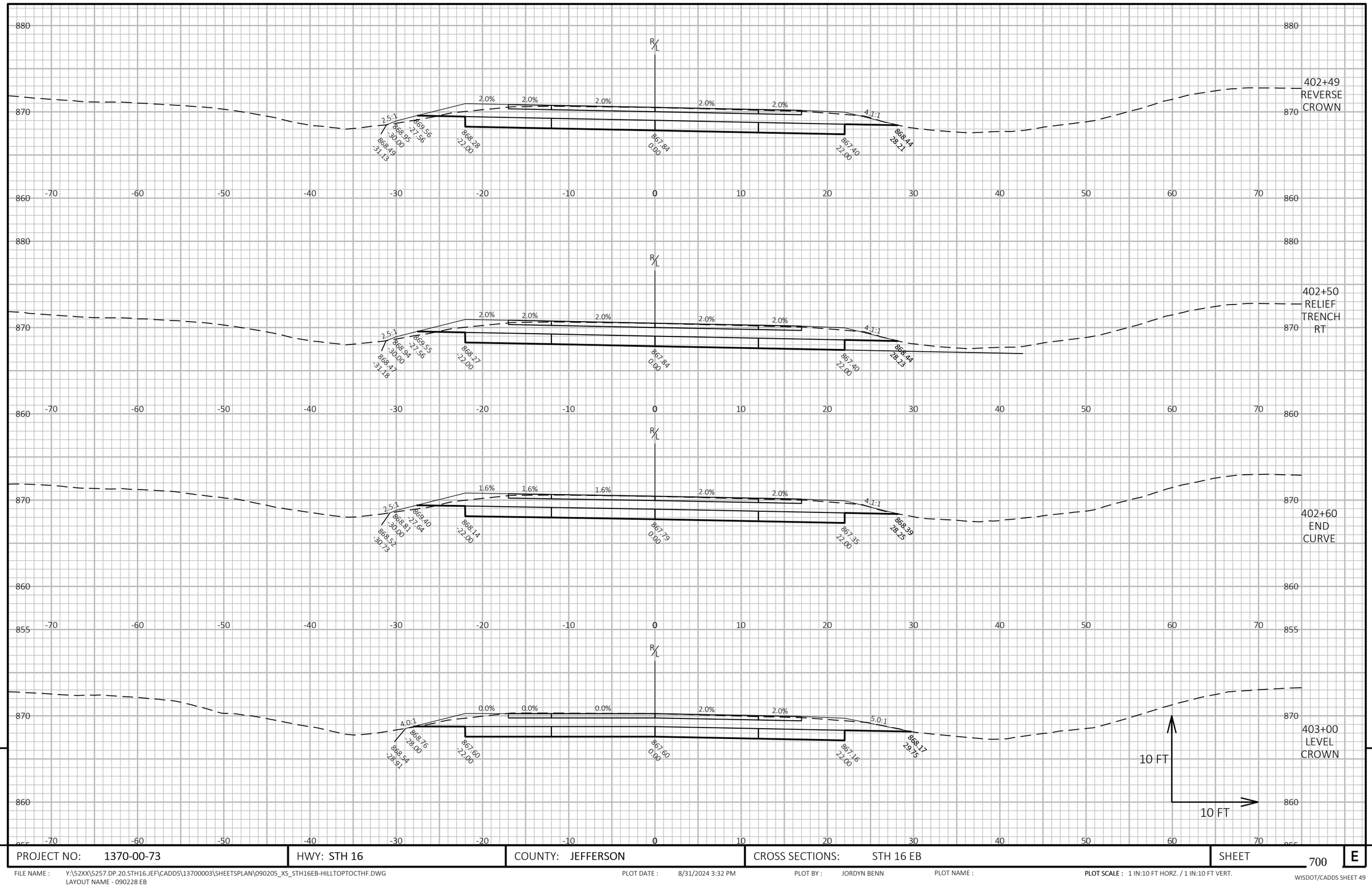
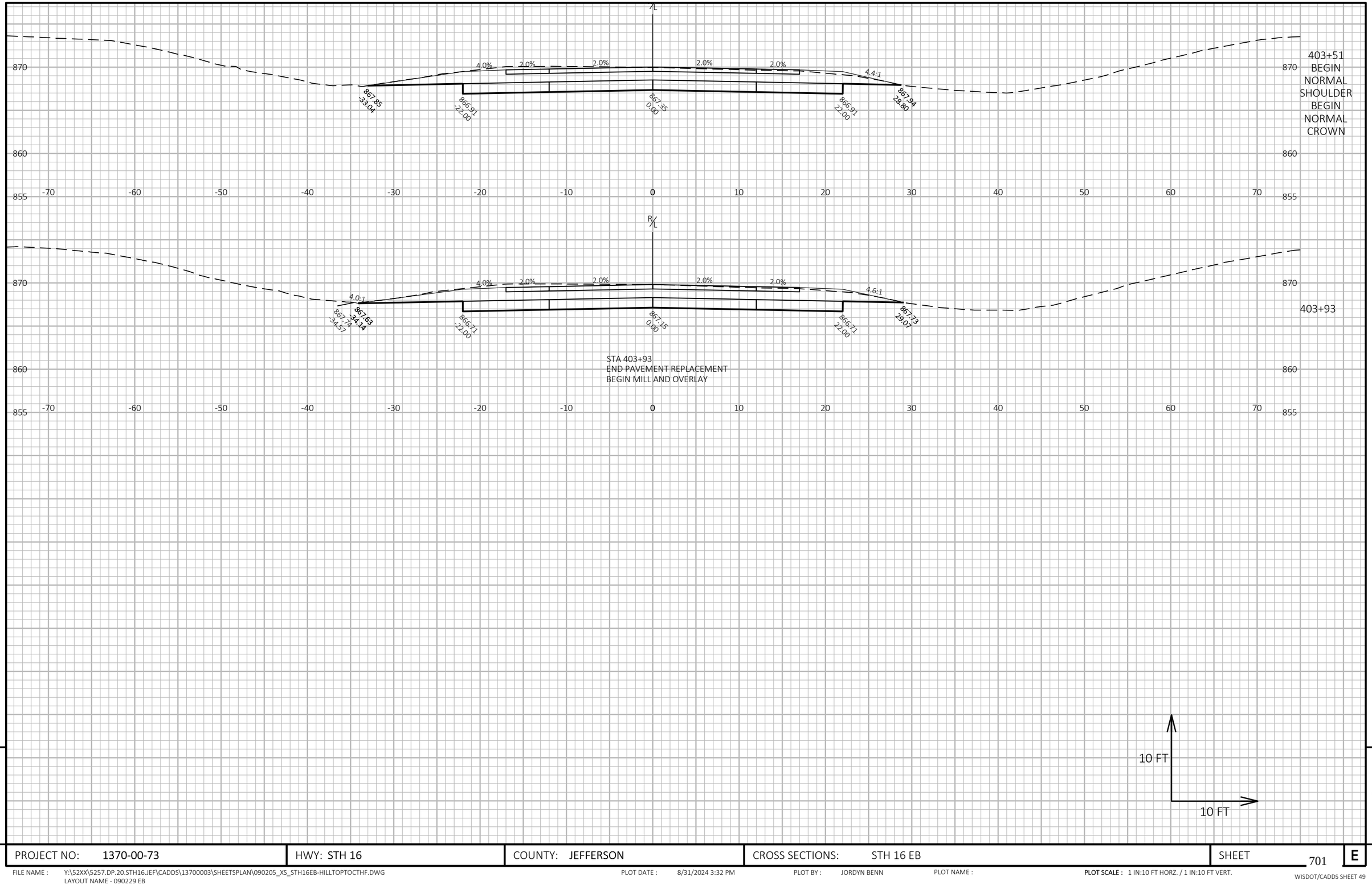
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 699	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090227 EB

PLOT DATE : 8/31/2024 3:32 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 700	E



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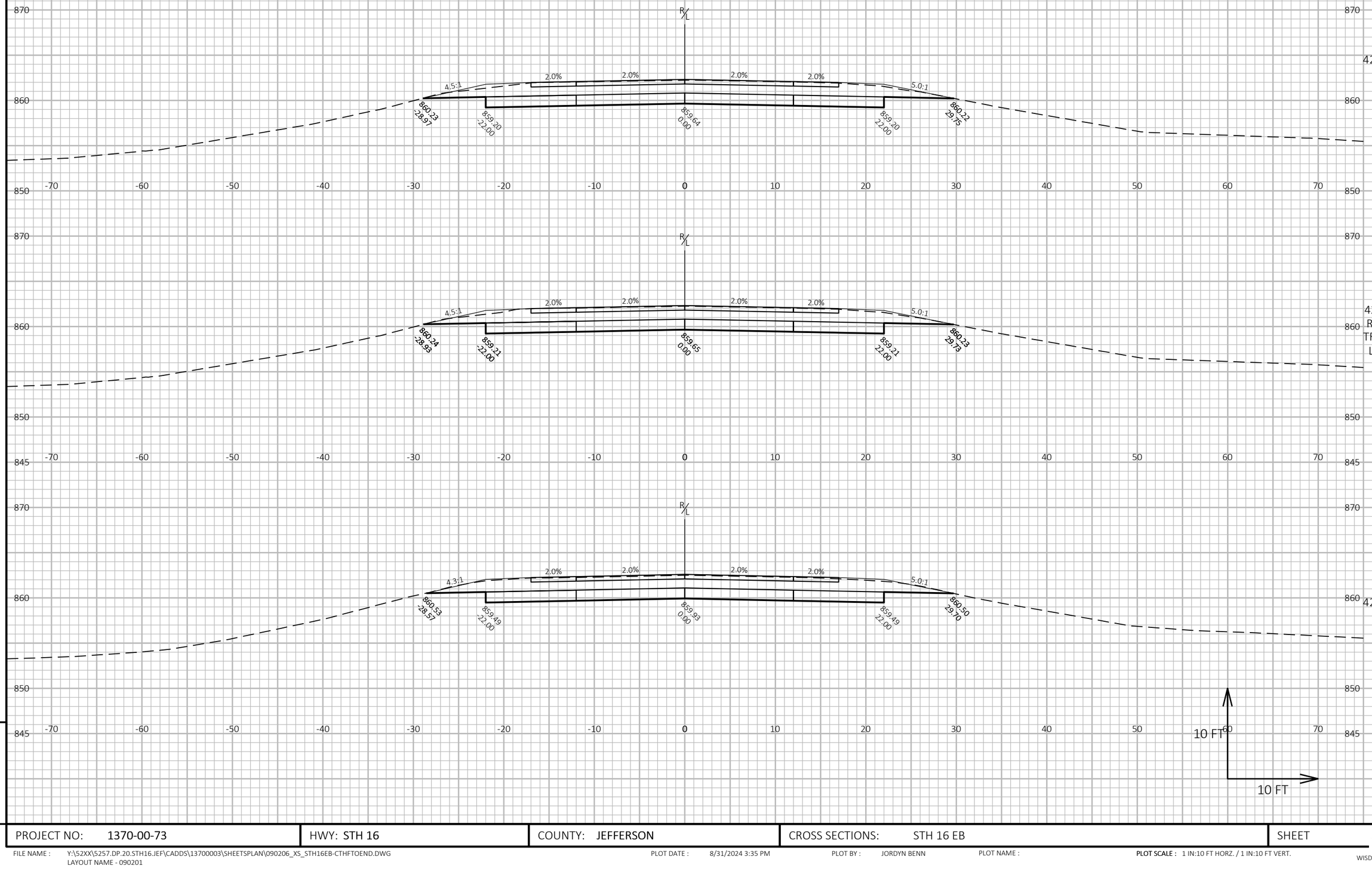
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 701	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090205_XS_STH16EB-HILLTOPTOCTHF.DWG
LAYOUT NAME - 090229 EB

PLOT DATE : 8/31/2024 3:32 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

STA 421+27
END MILL AND OVERLAY
BEGIN PAVEMENT REPLACEMENT

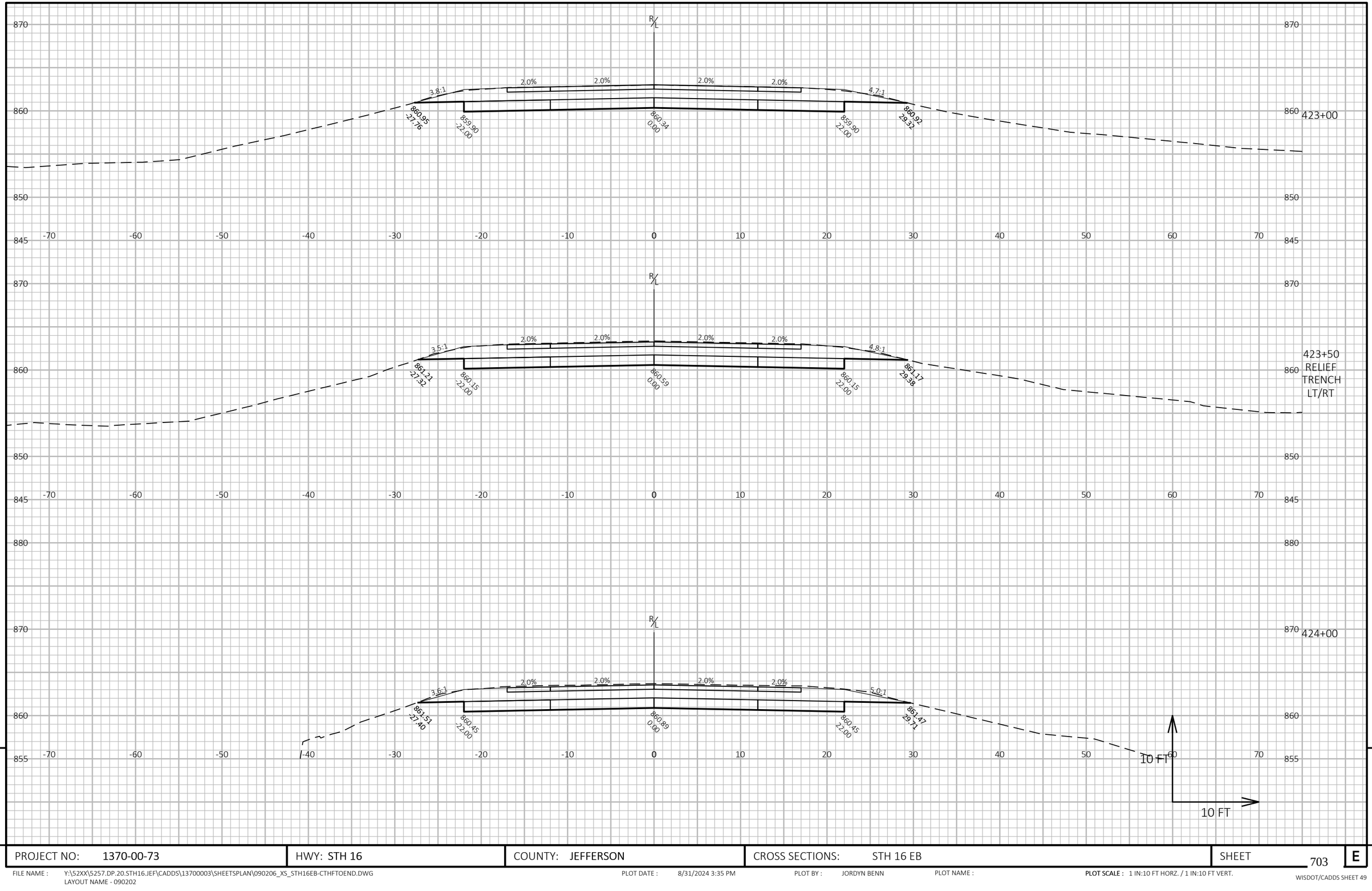


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 702	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090201

PLOT DATE : 8/31/2024 3:35 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

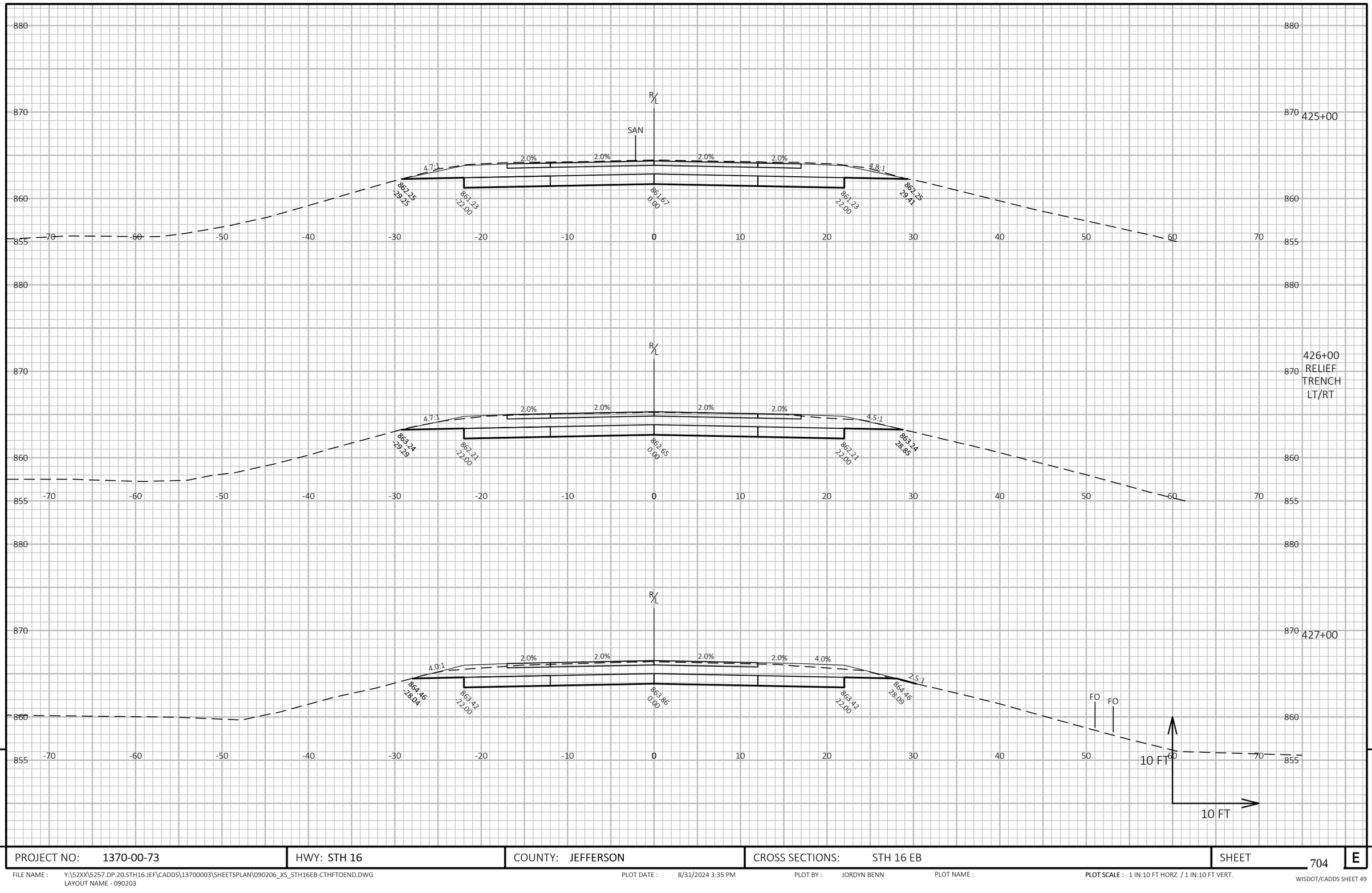


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 703	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090202

PLOT DATE : 8/31/2024 3:35 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

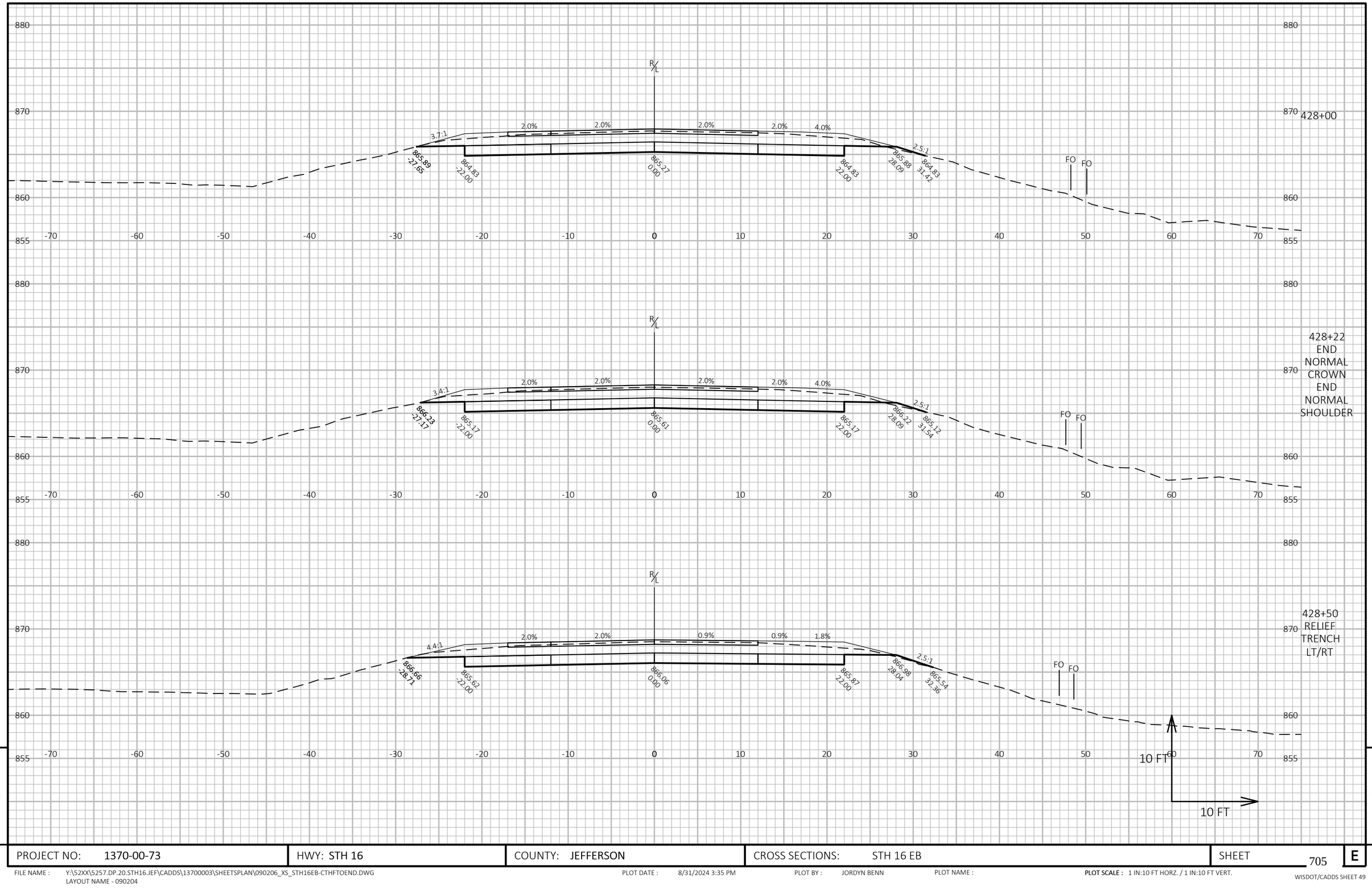
WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 704	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090203

PLOT DATE : 8/31/2024 3:35 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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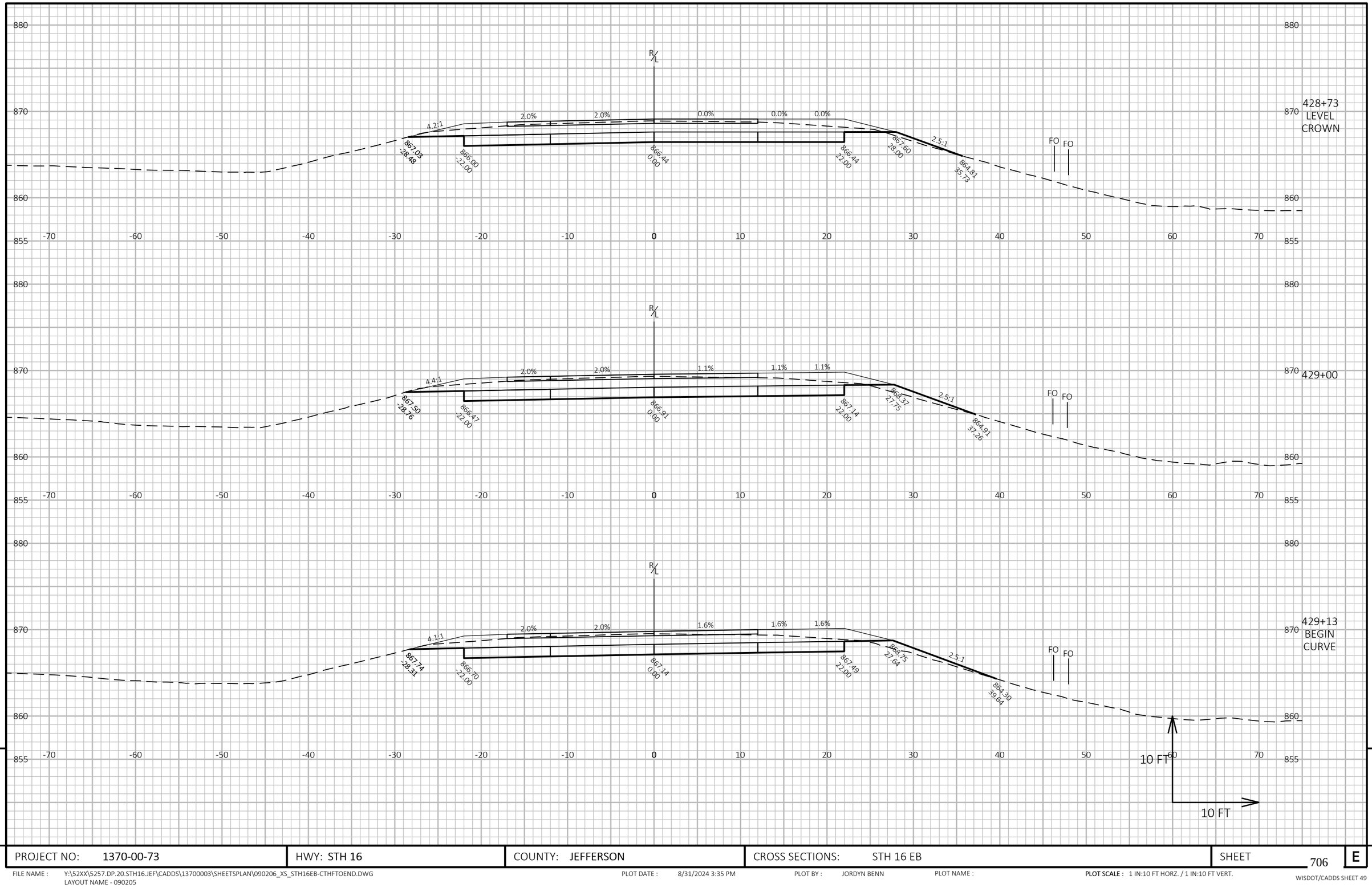
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 705	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090204

PLOT DATE : 8/31/2024 3:35 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 706	E

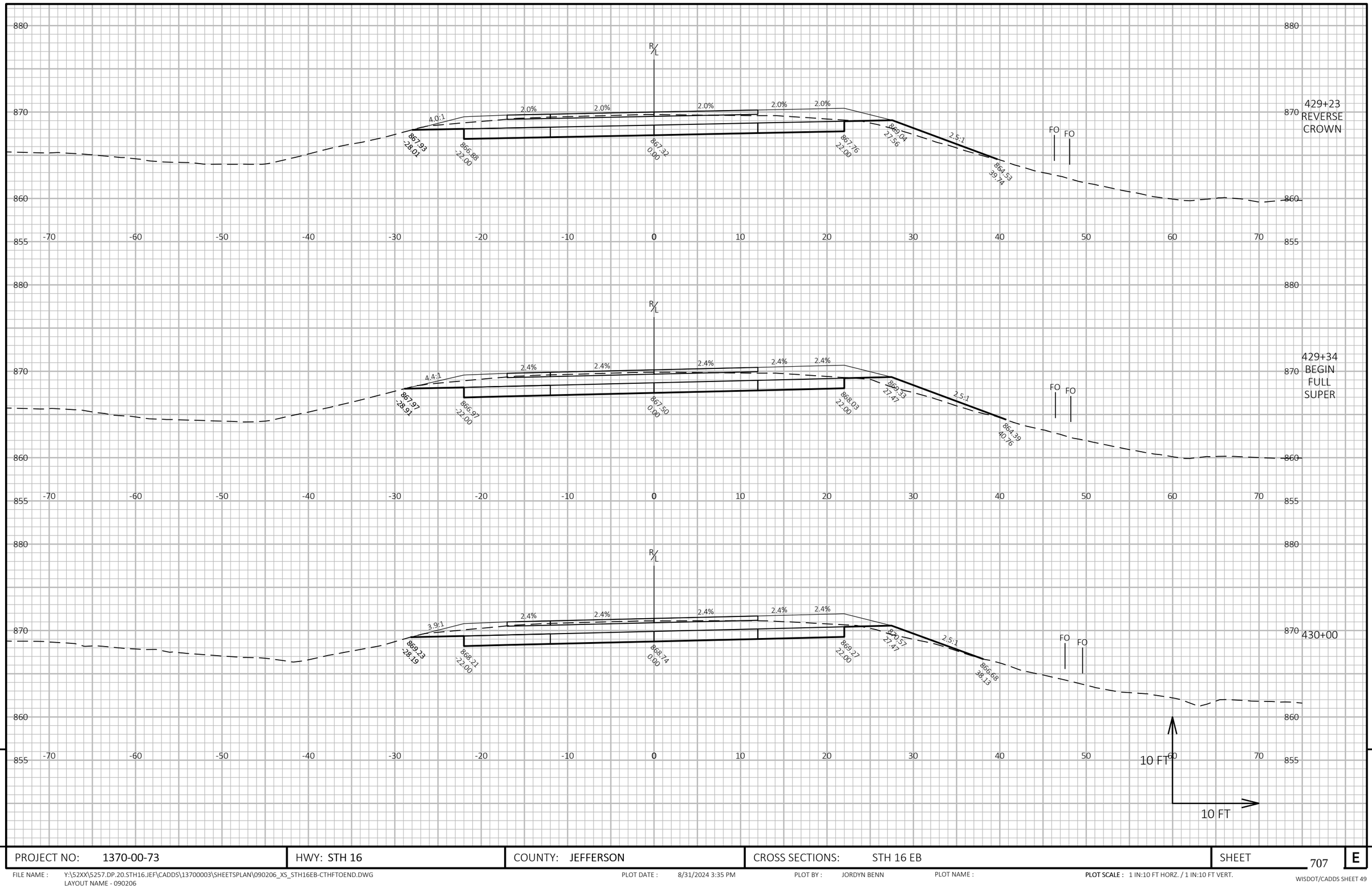
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090205

PLOT DATE : 8/31/2024 3:35 PM

PLOT BY : JORDYN BENN

PLOT NAME :

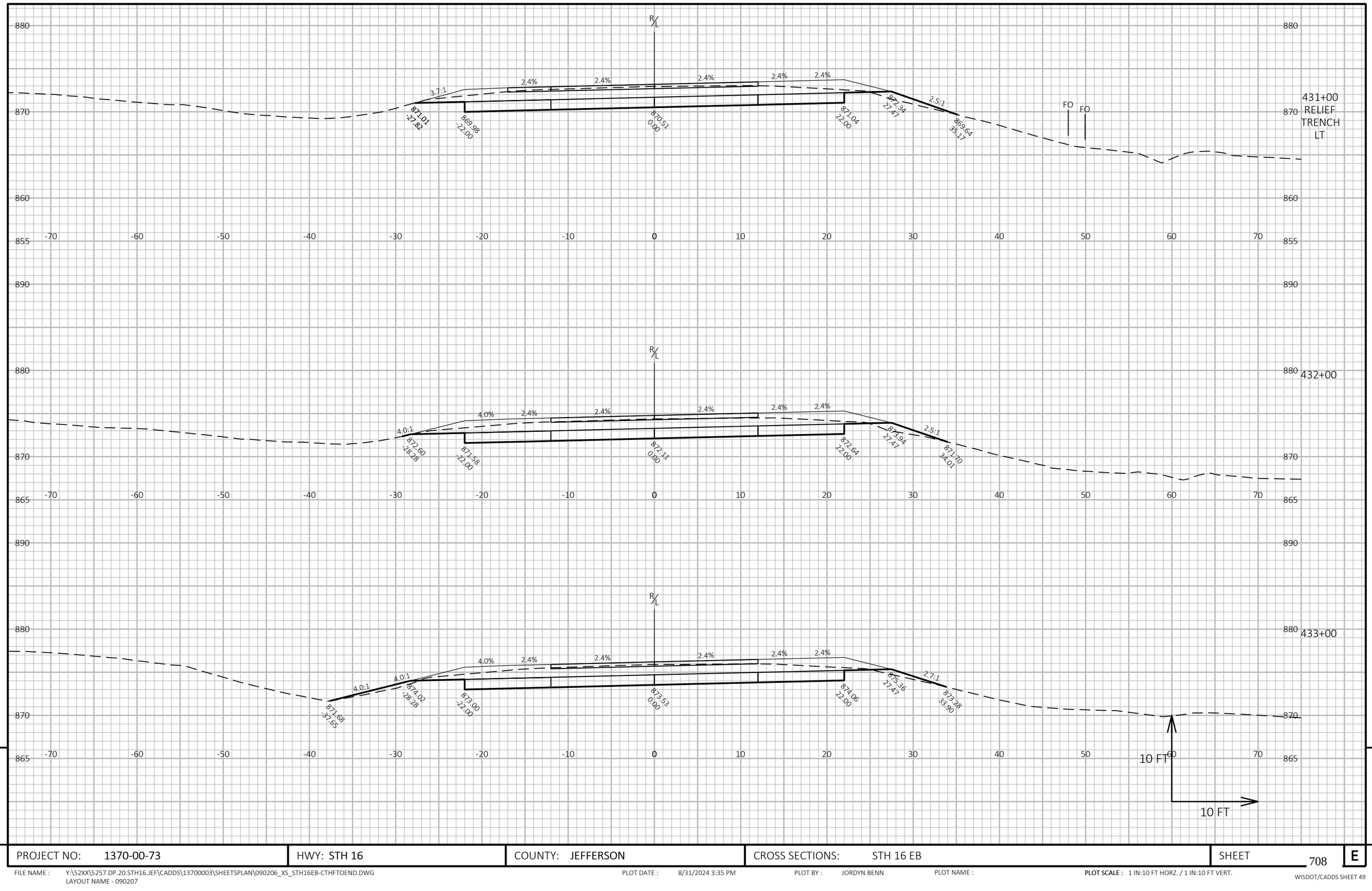
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 707	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090206

PLOT DATE : 8/31/2024 3:35 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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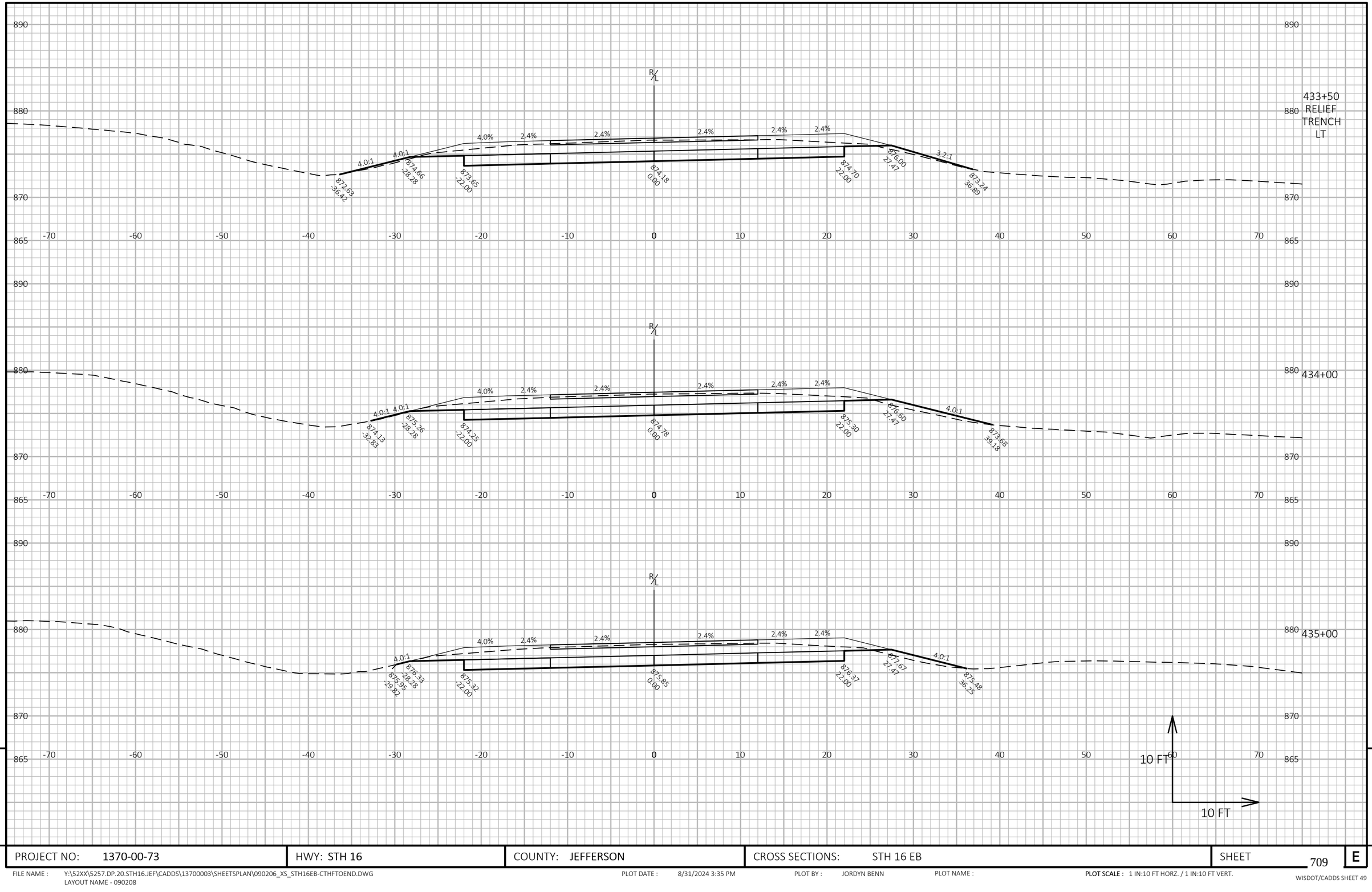
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 708	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090207

PLOT DATE : 8/31/2024 3:35 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

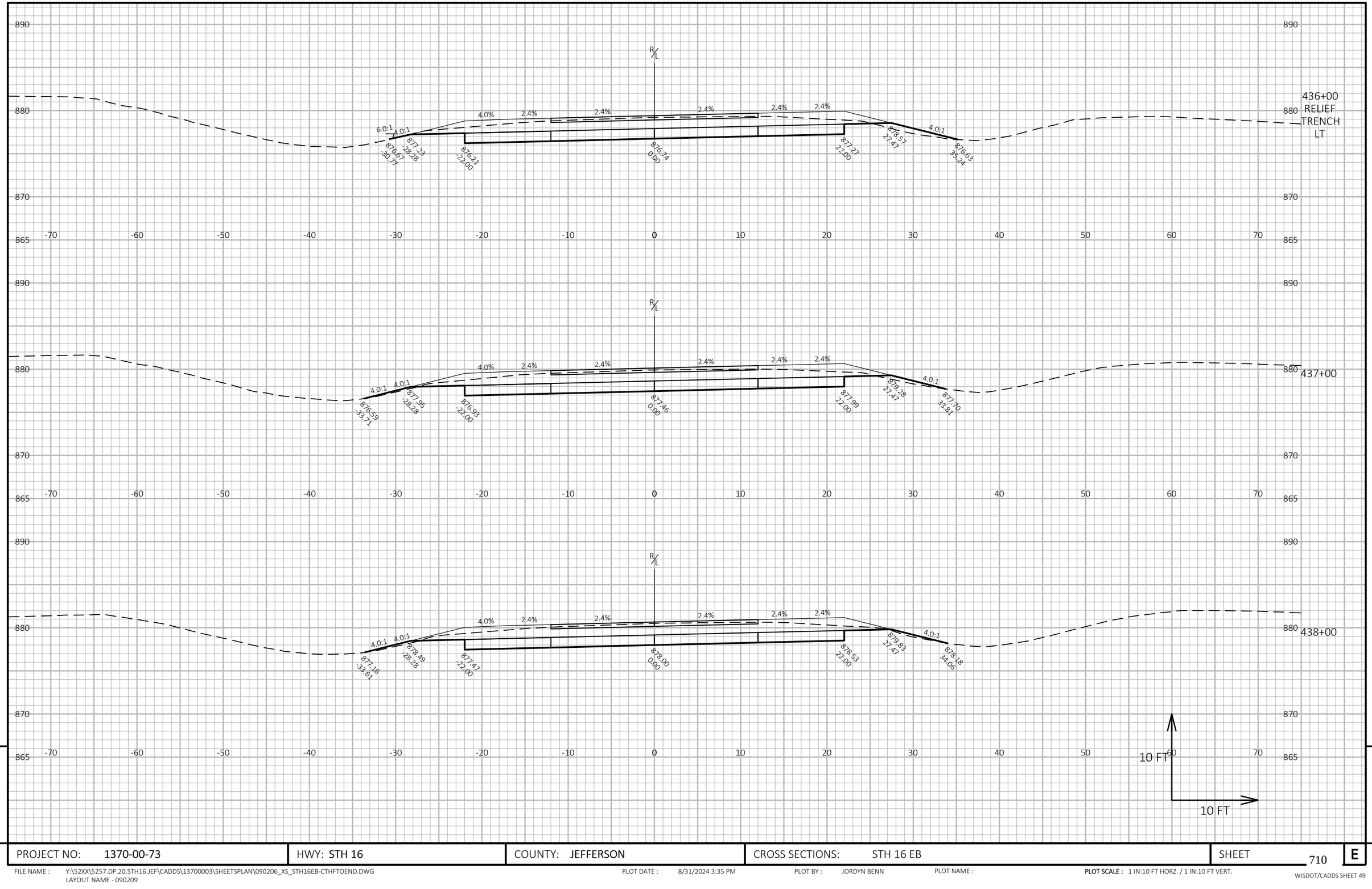
WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 709	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090208

PLOT DATE : 8/31/2024 3:35 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



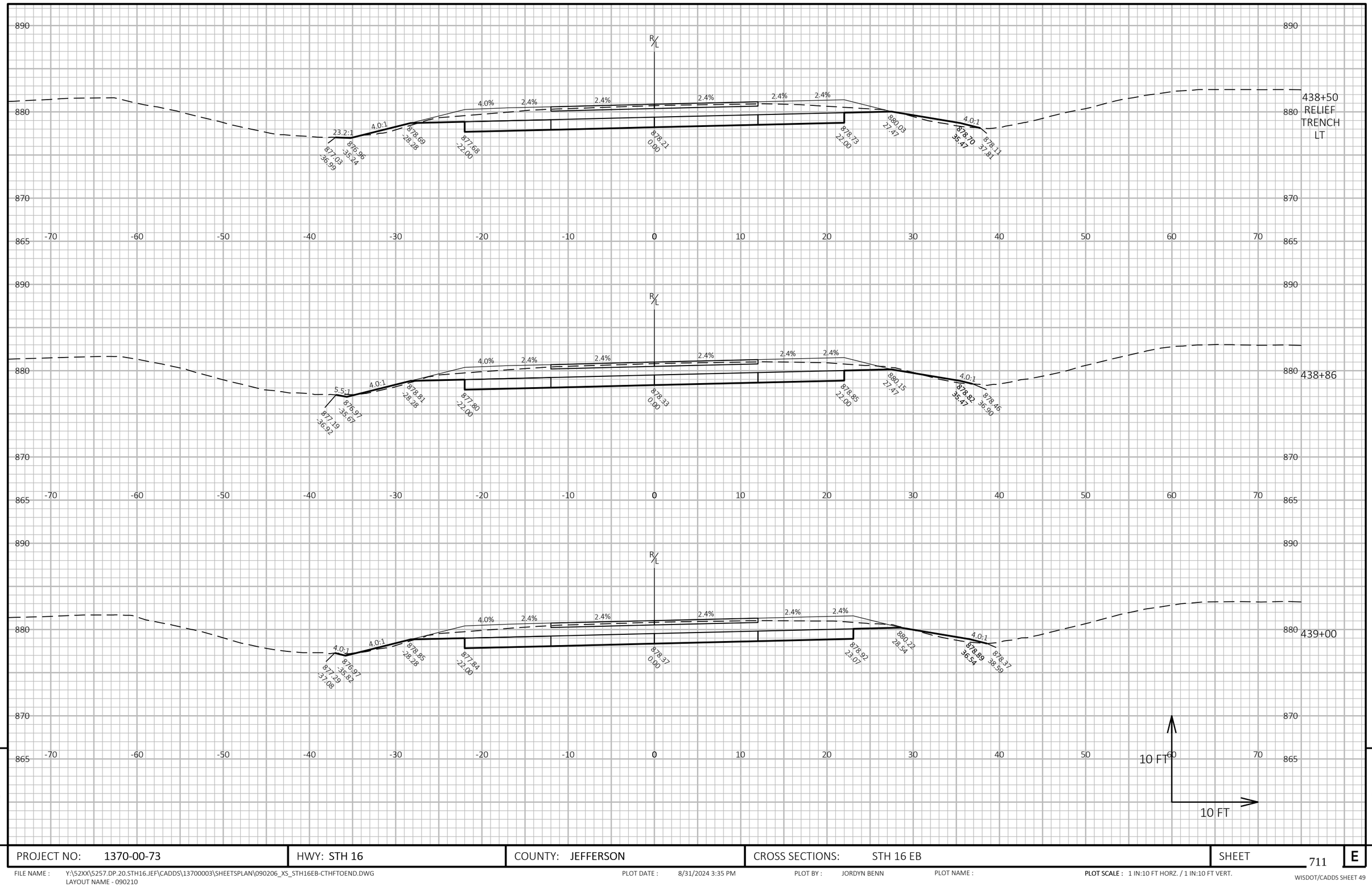
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 710	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090209

PLOT DATE : 8/31/2024 3:35 PM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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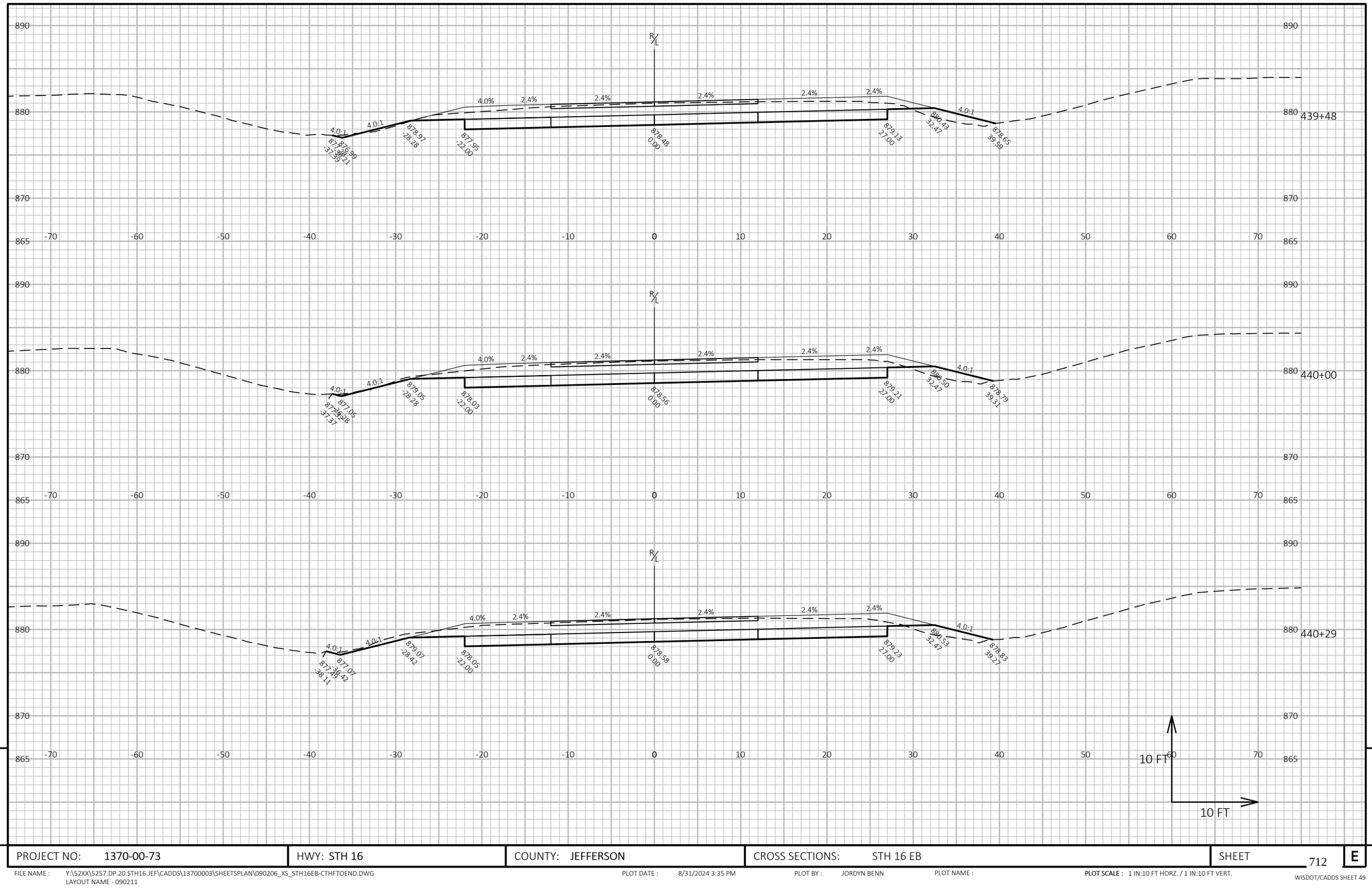
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 711	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090210

PLOT DATE : 8/31/2024 3:35 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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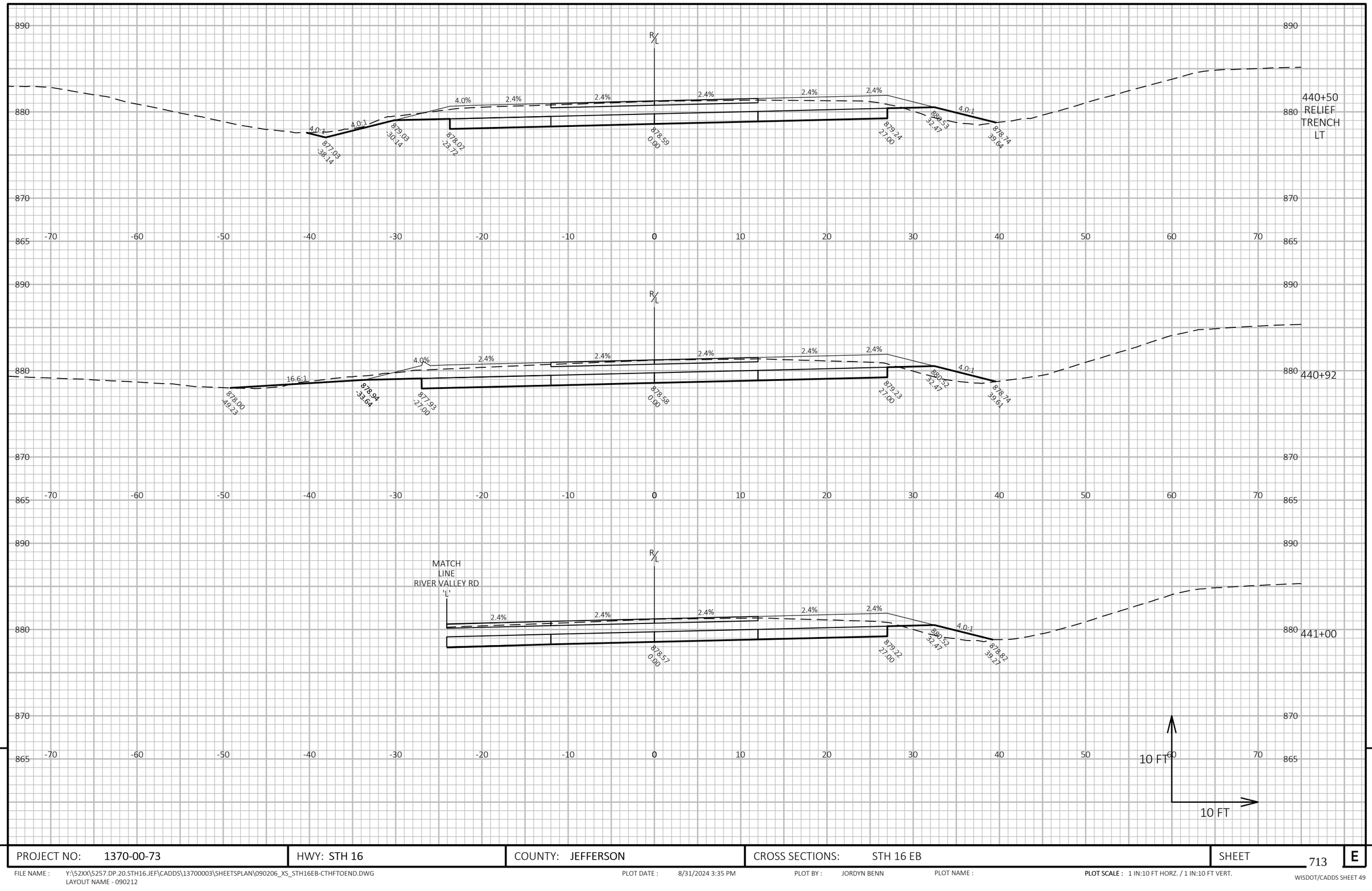
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 712	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090211

PLOT DATE : 8/31/2024 3:35 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 713	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090212

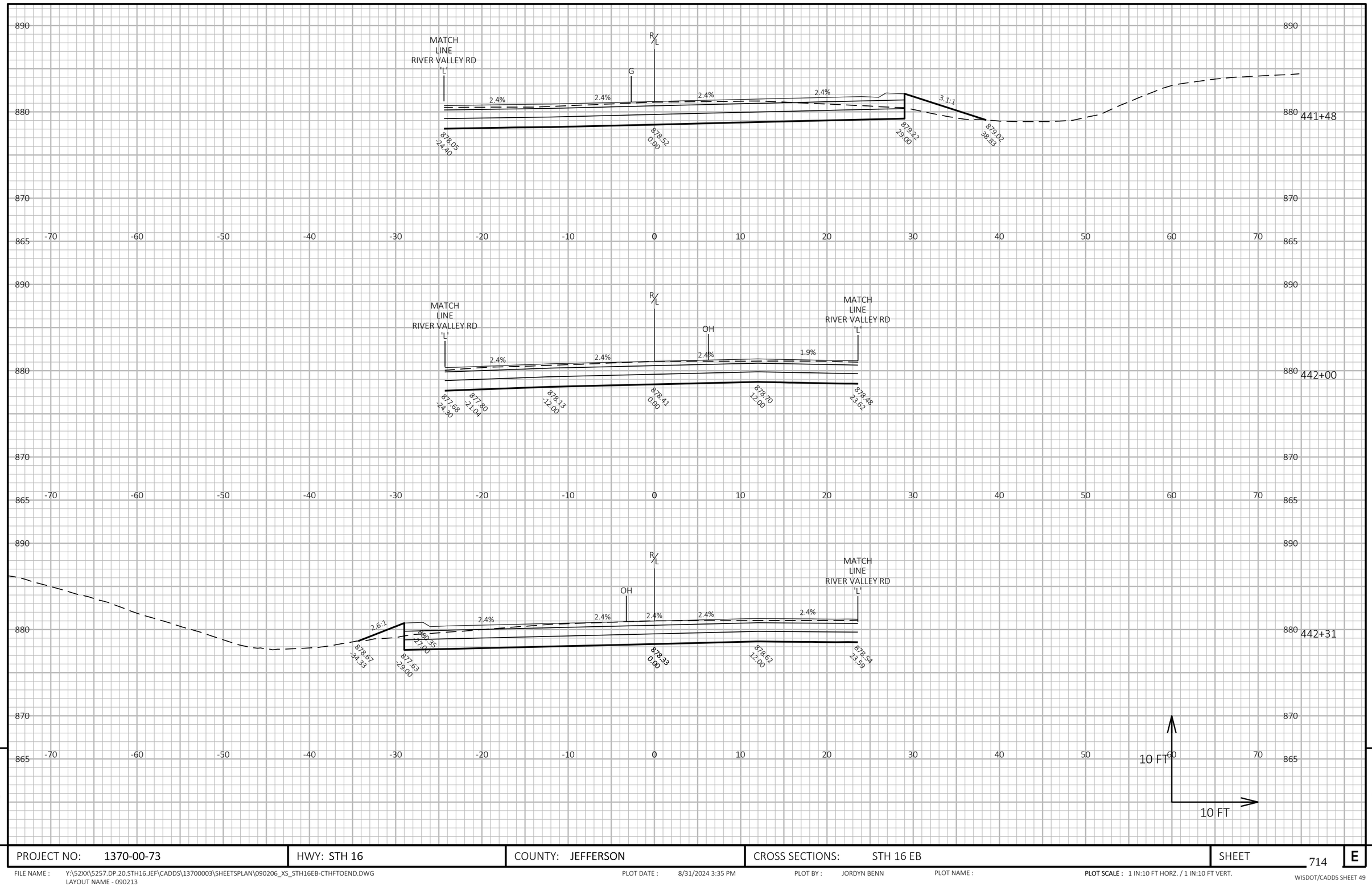
PLOT DATE : 8/31/2024 3:35 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

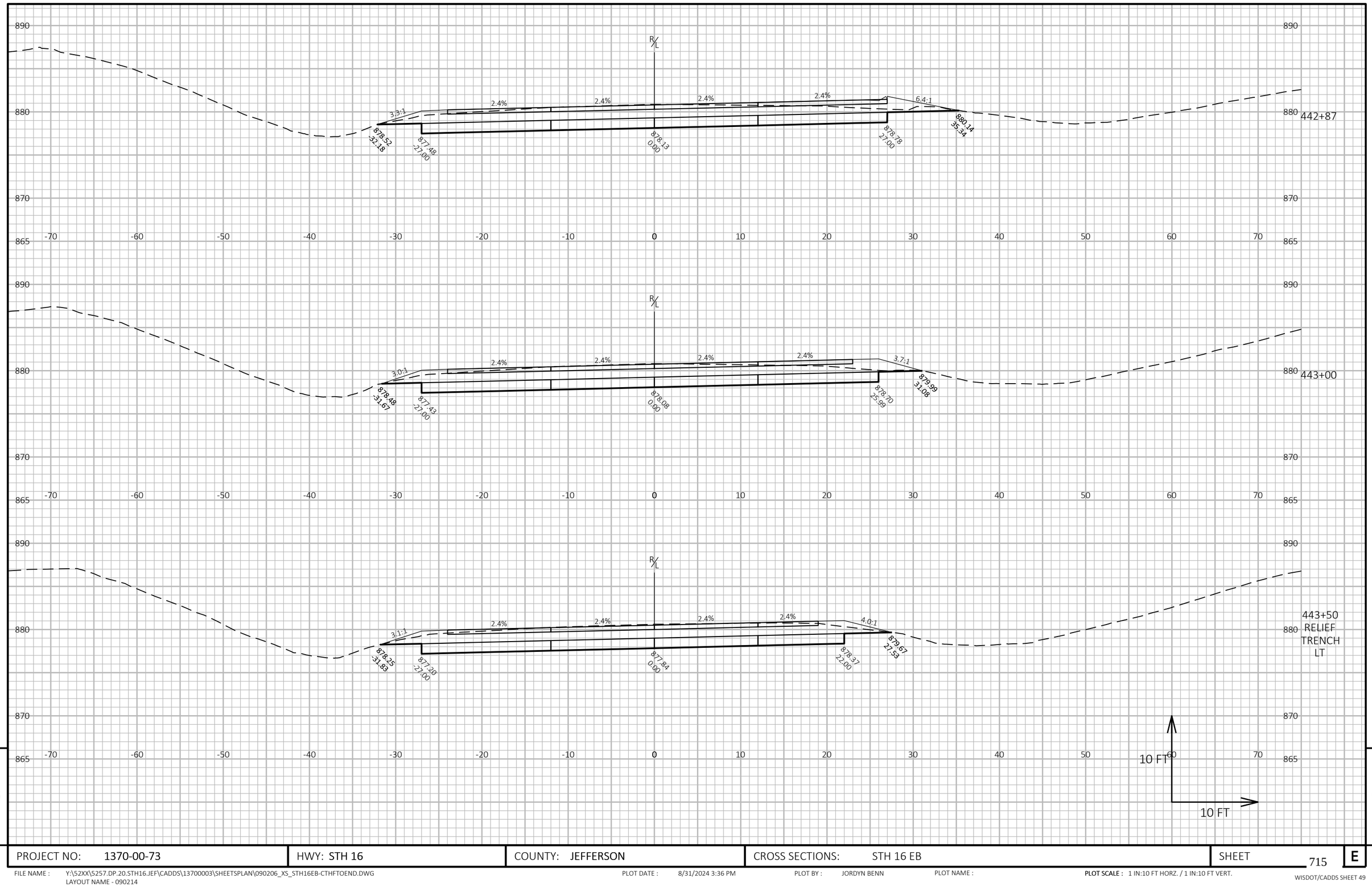


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 714 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090213

PLOT DATE : 8/31/2024 3:35 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

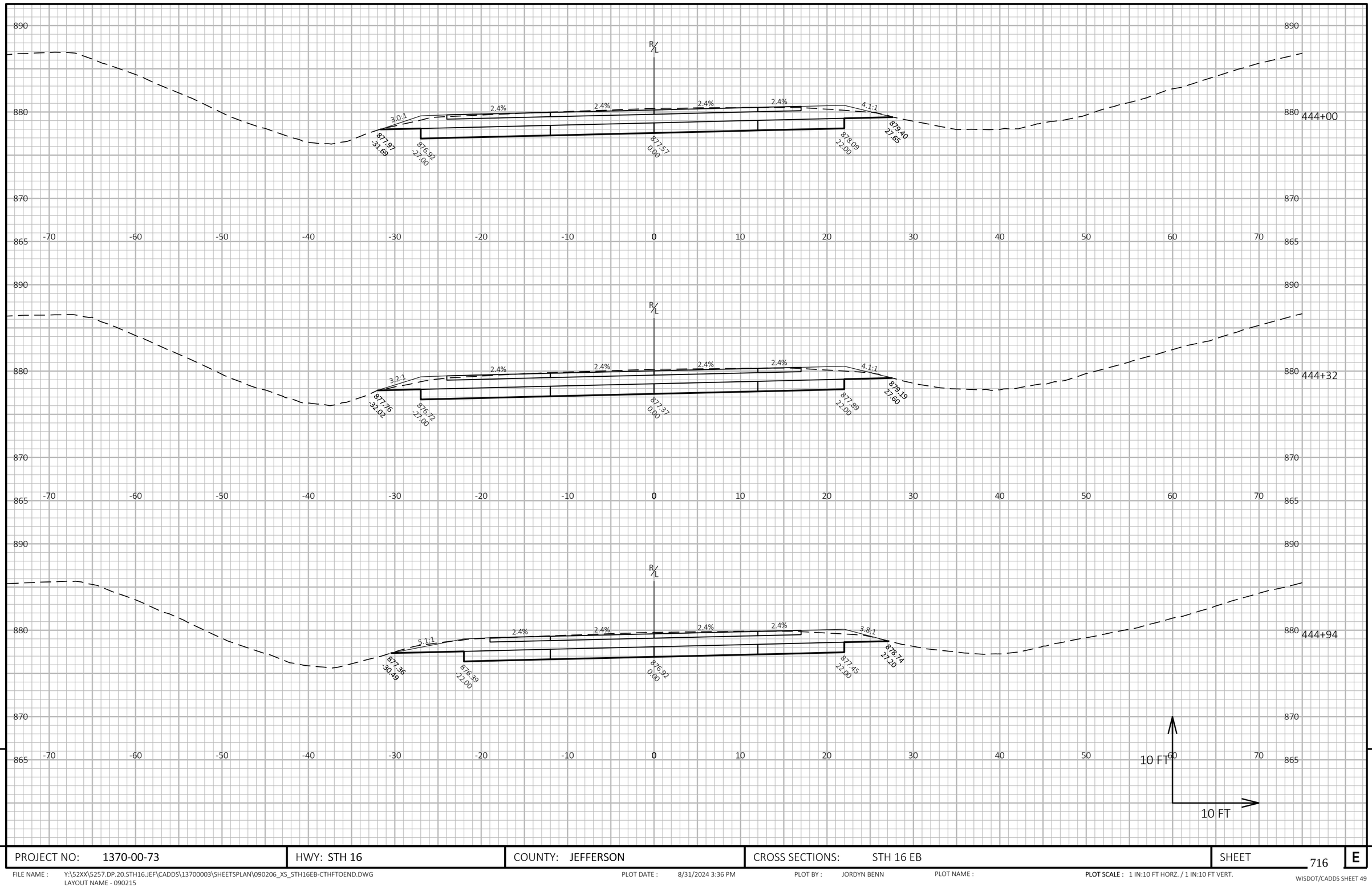


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 715	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090214

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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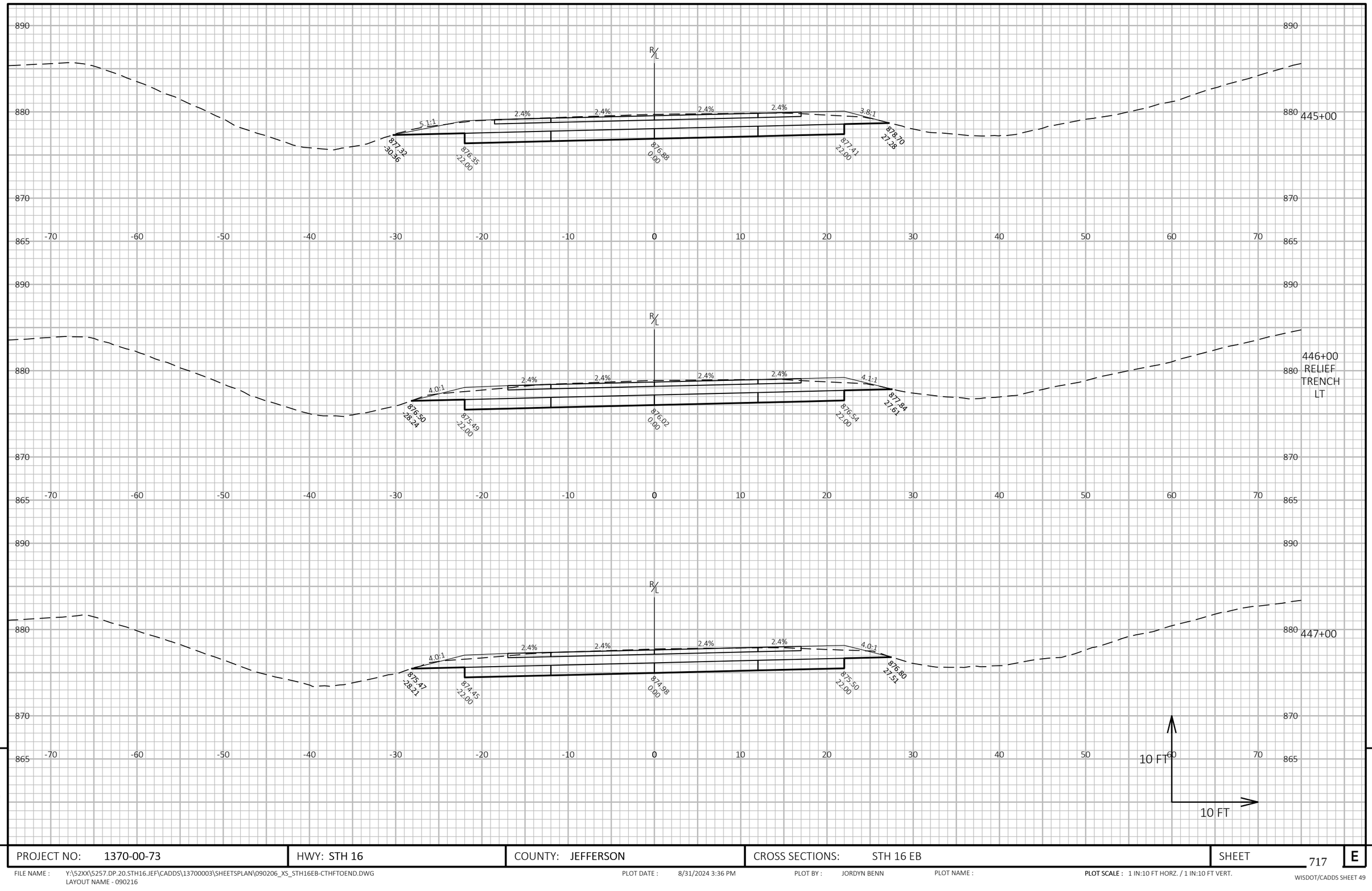
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 716	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090215

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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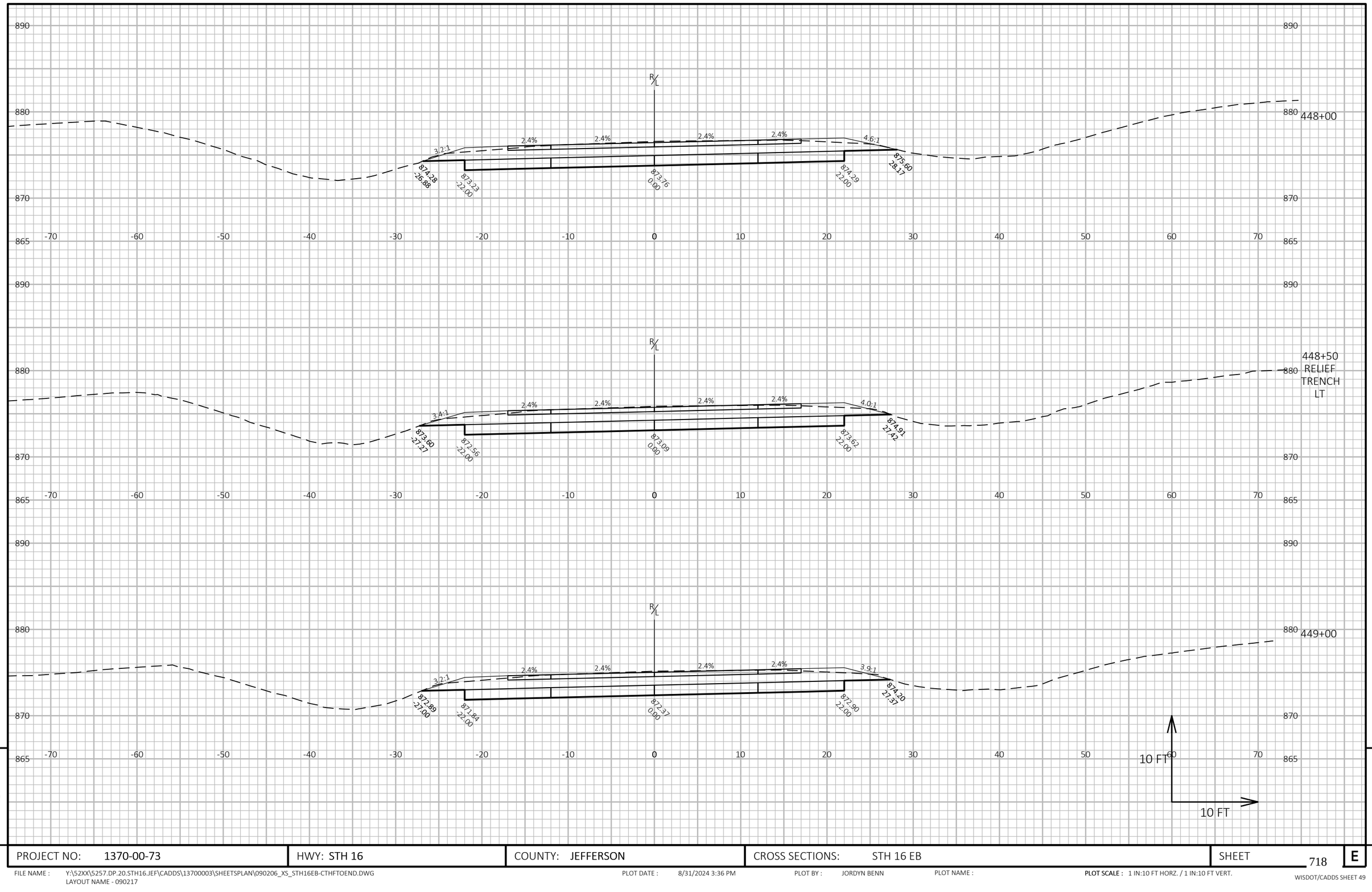
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 717	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090216

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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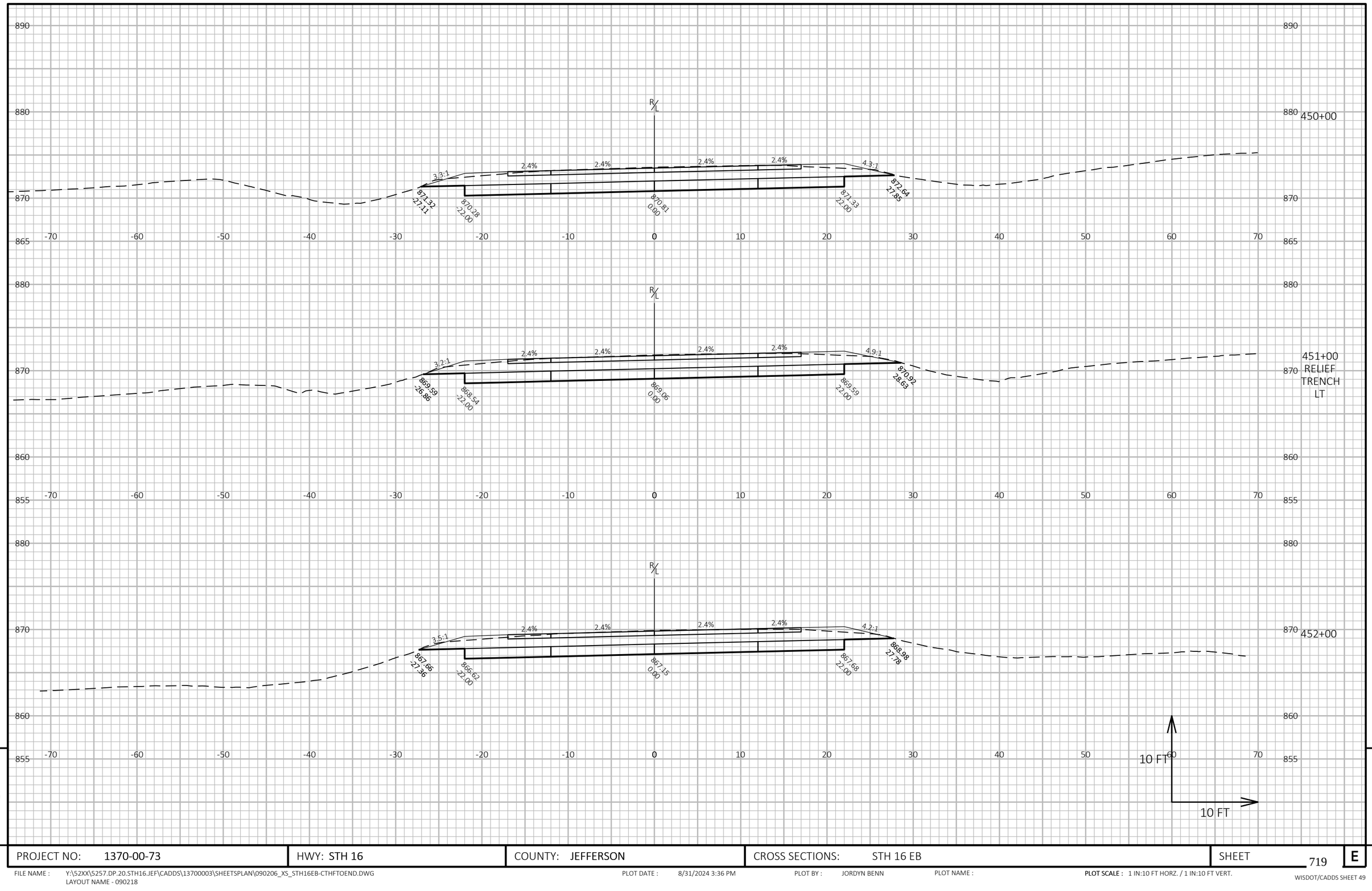
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 718	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090217

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

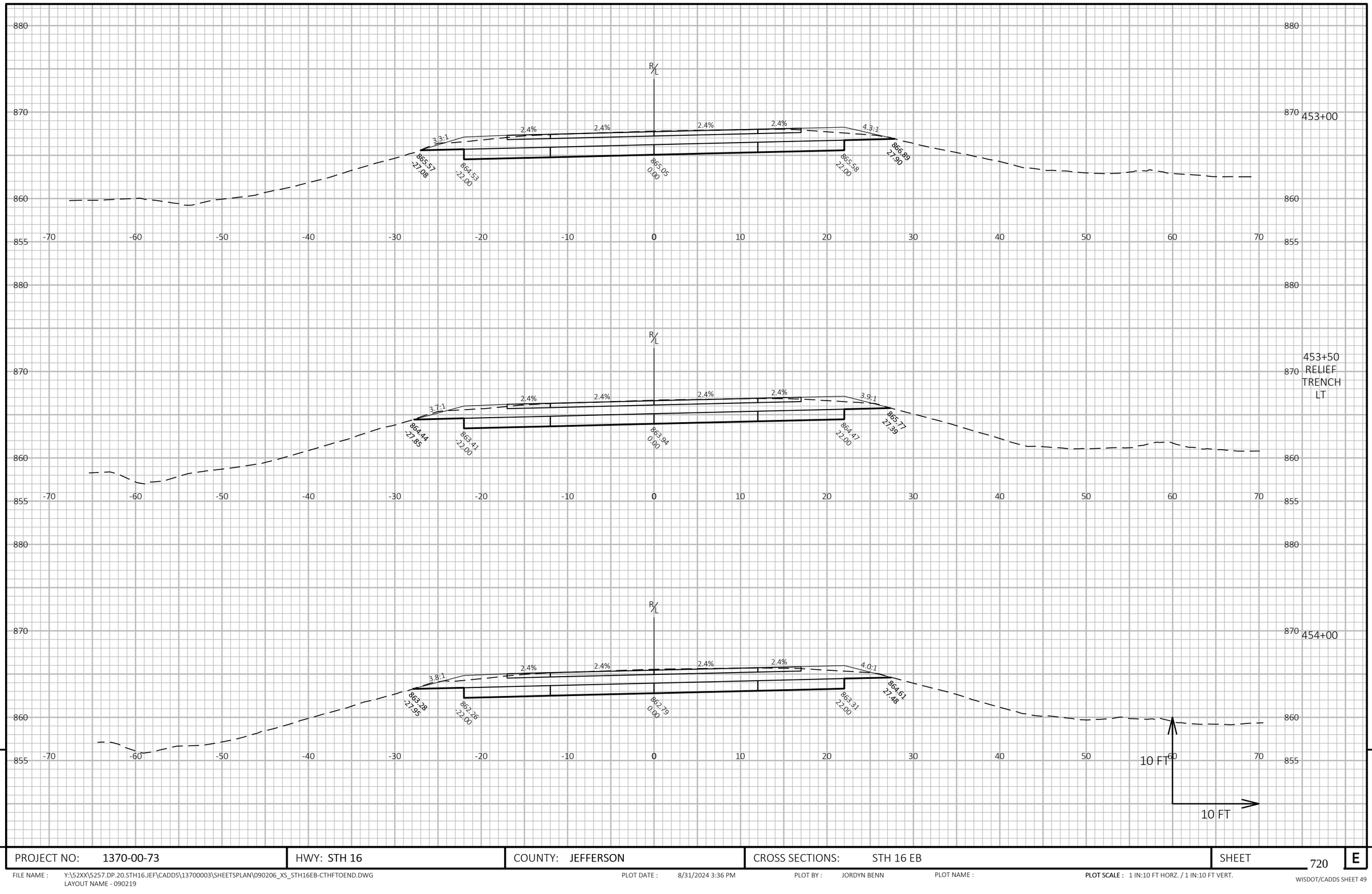


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 719	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090218

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

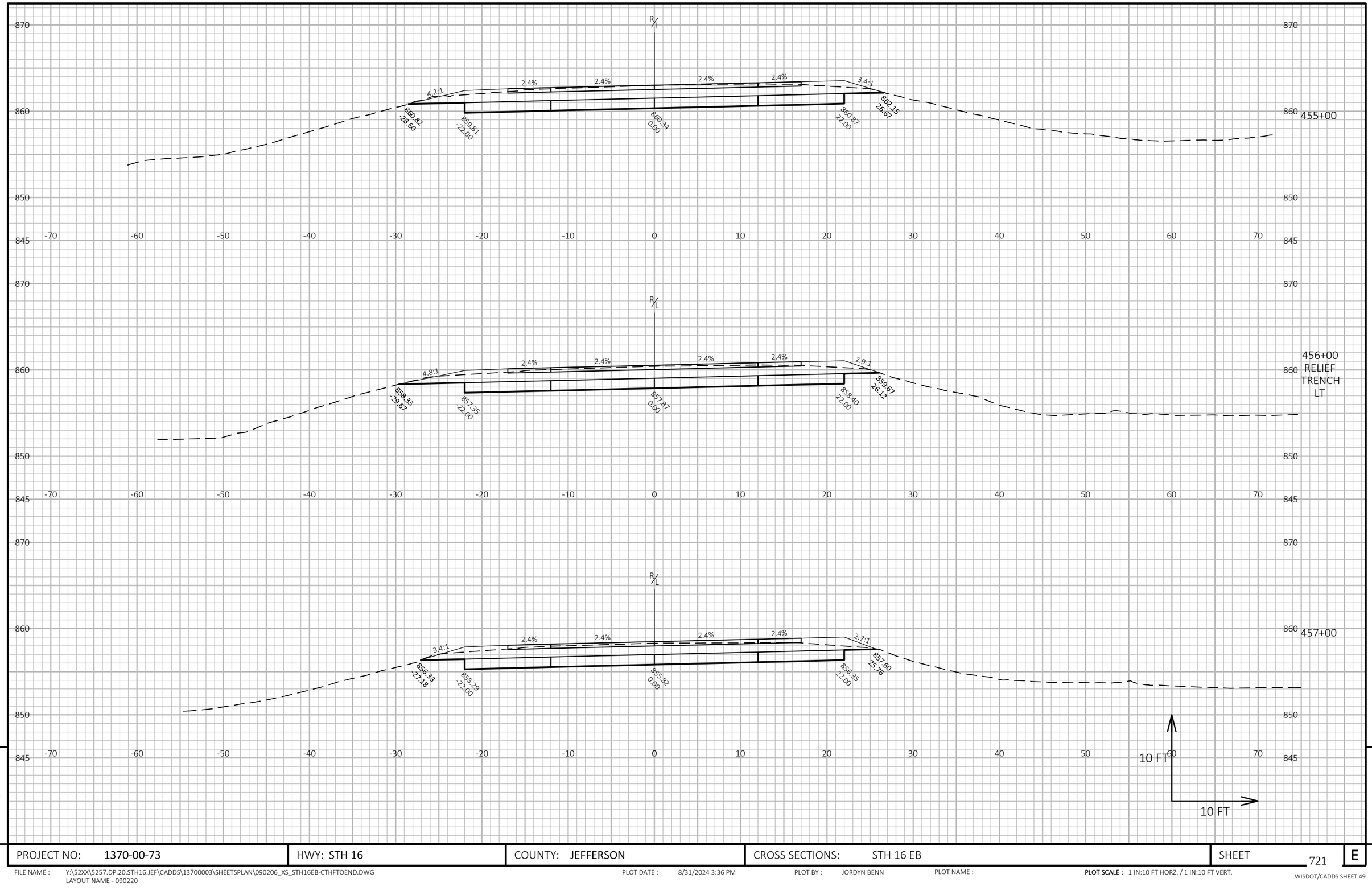
WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 720	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090219

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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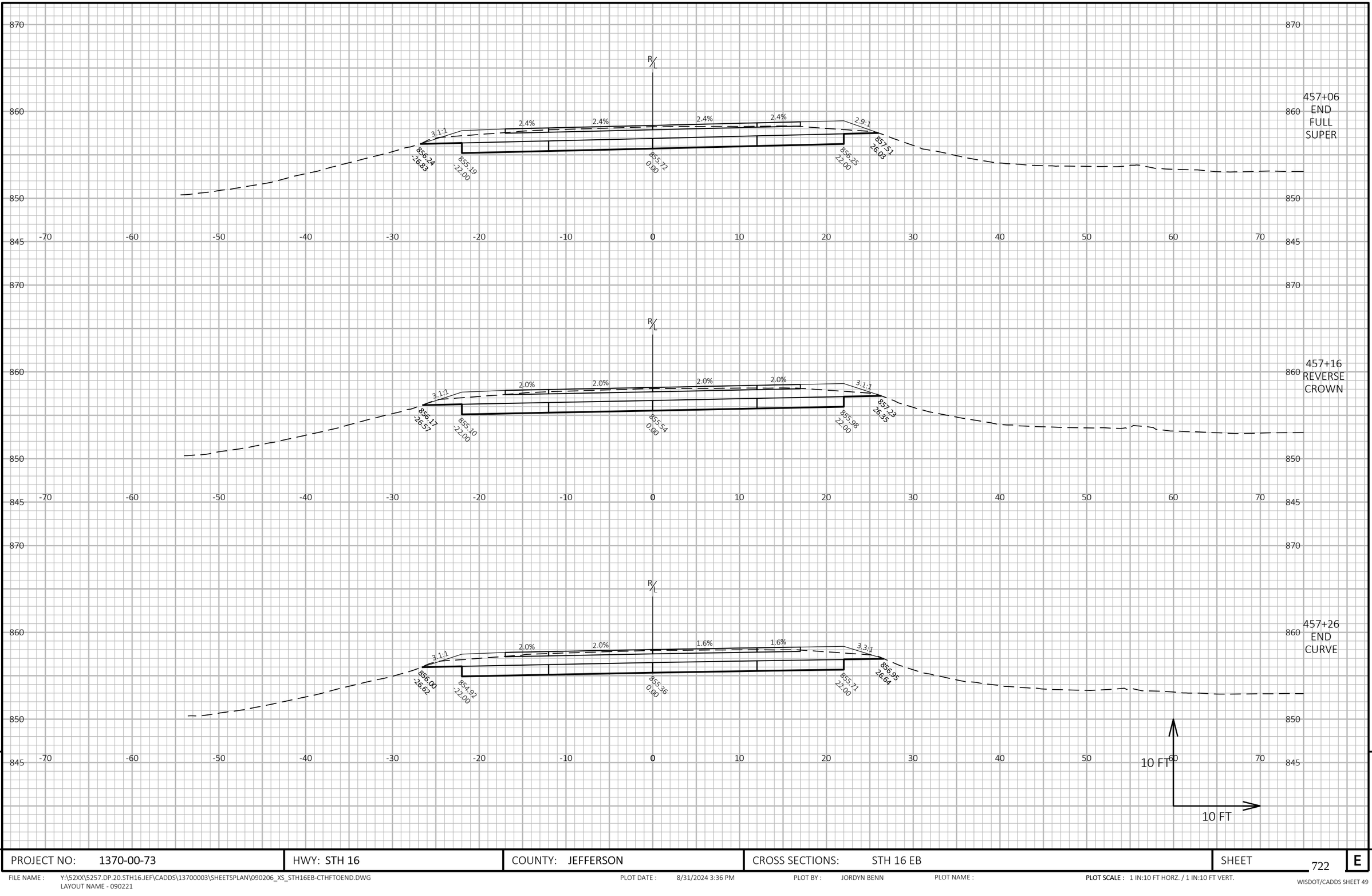
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 721	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090220

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

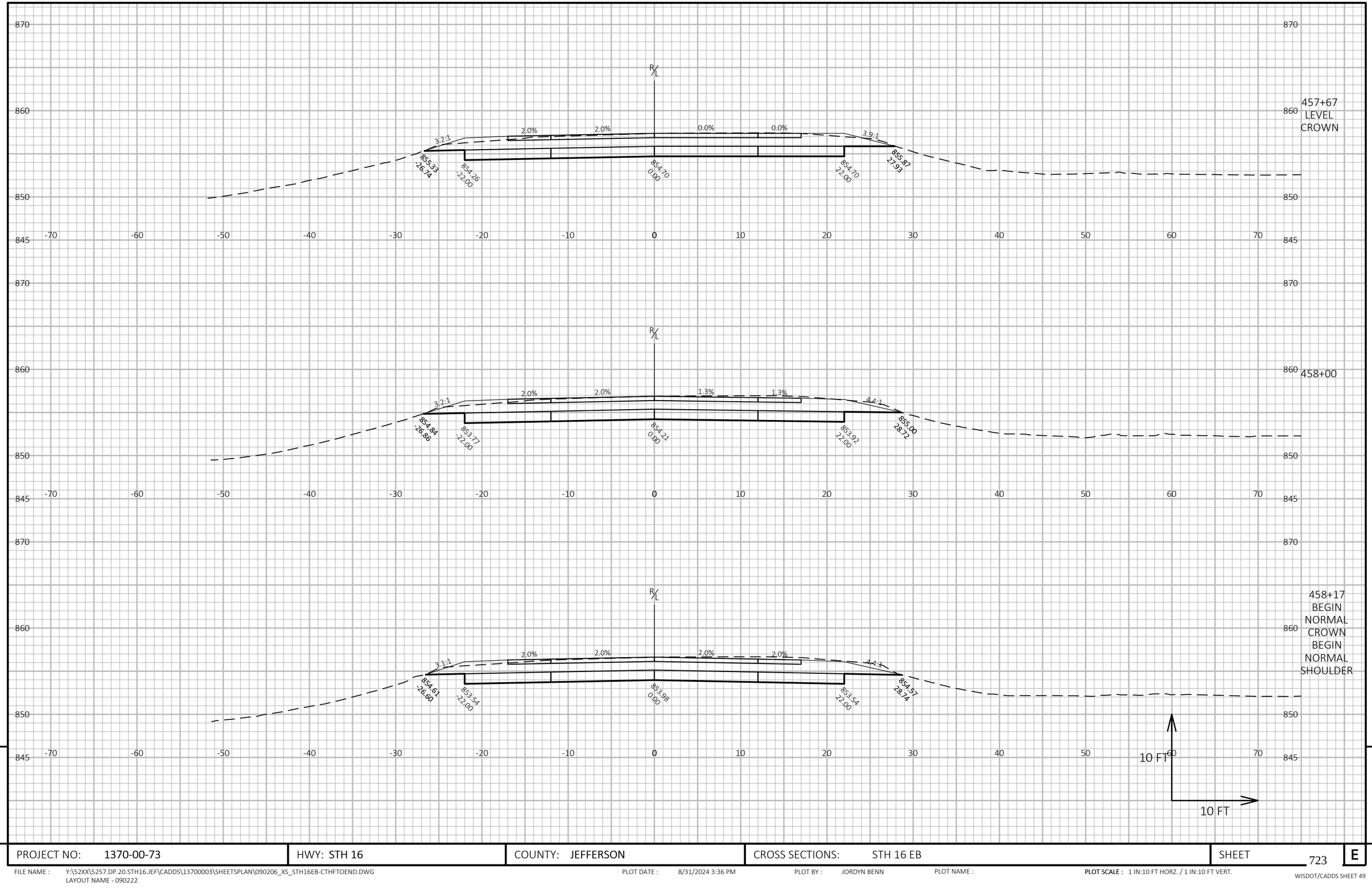


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 722	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090221

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

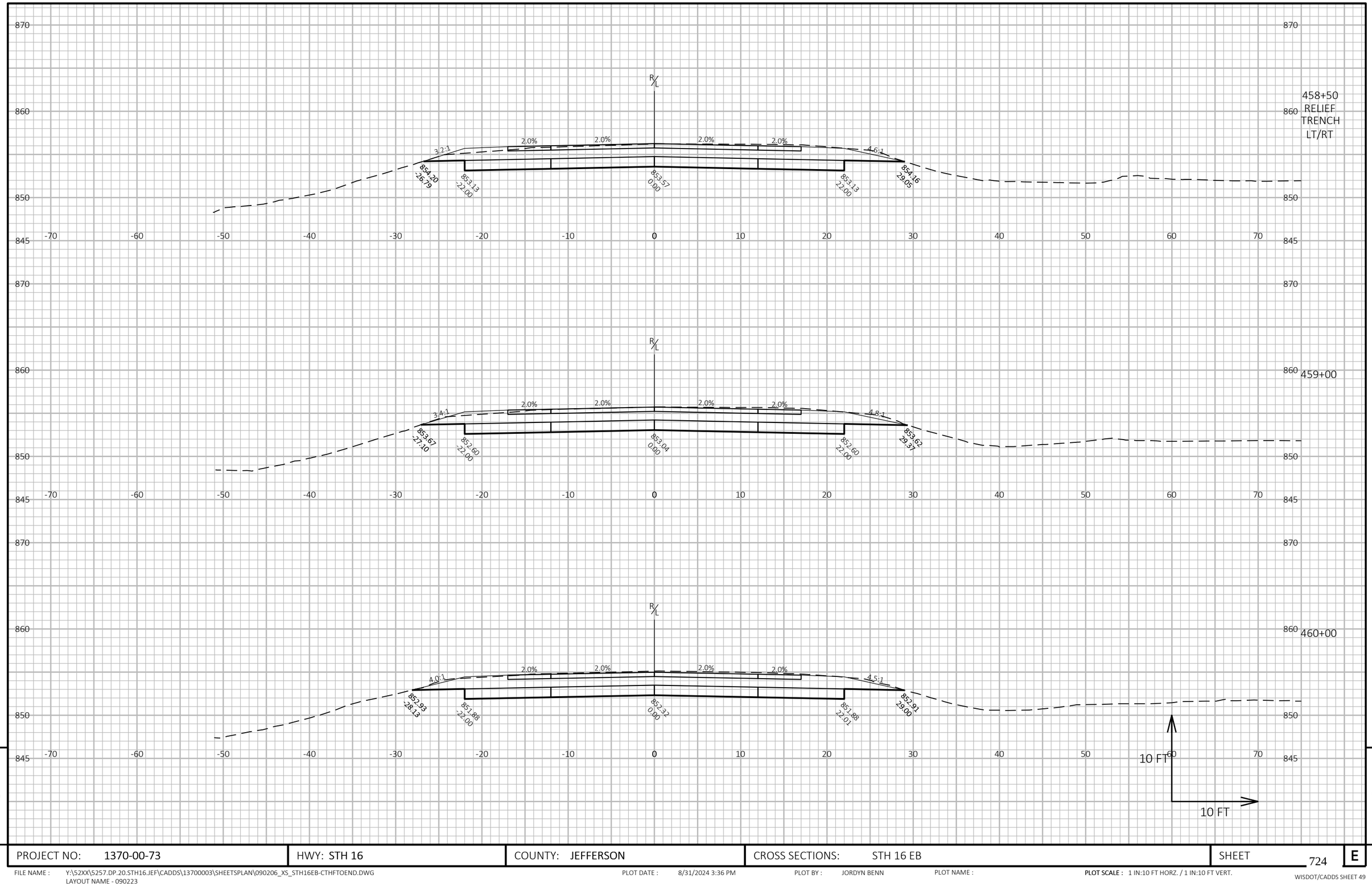
WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 723	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090222

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 724	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090223

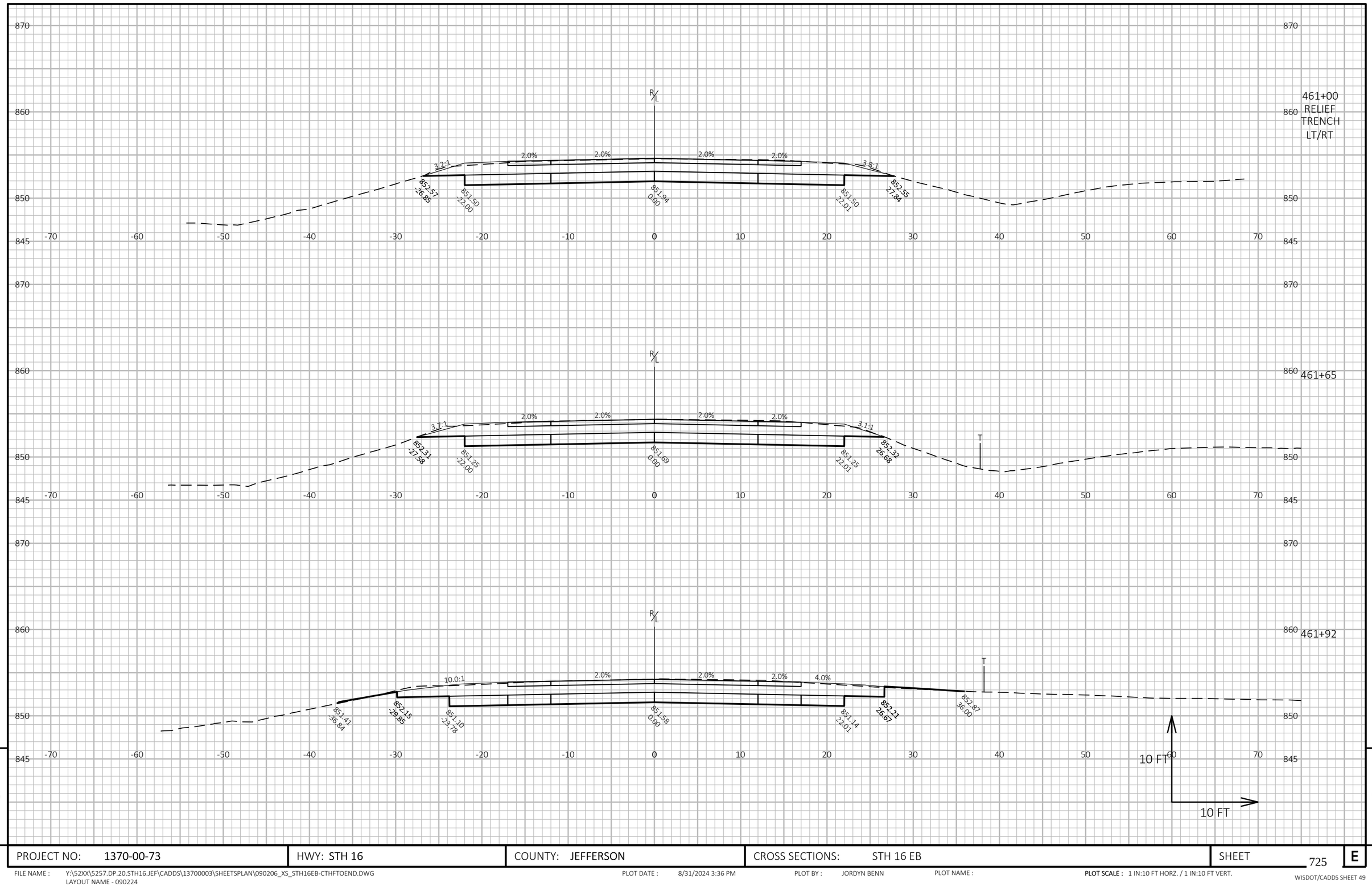
PLOT DATE : 8/31/2024 3:36 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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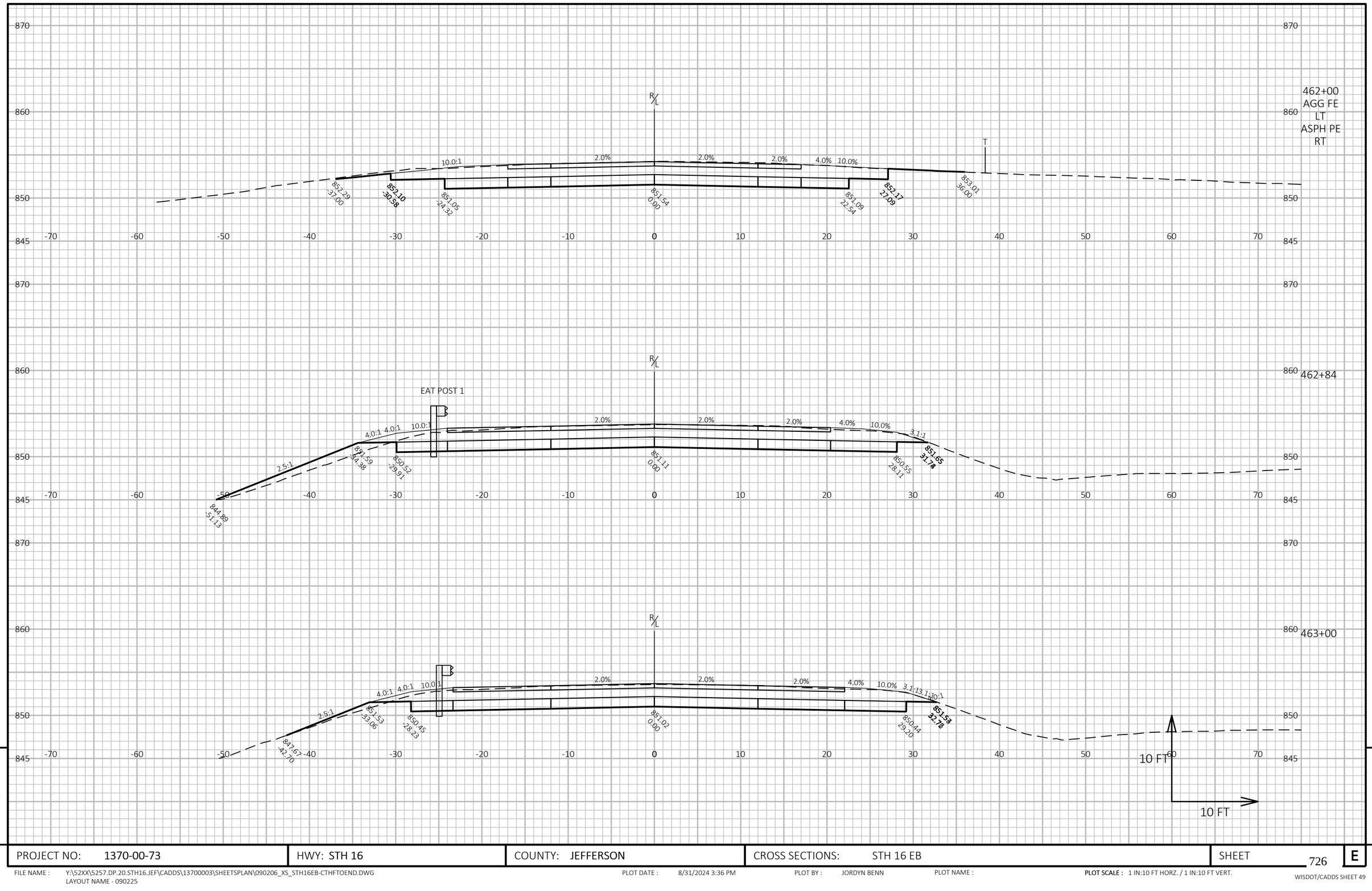
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 725	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090224

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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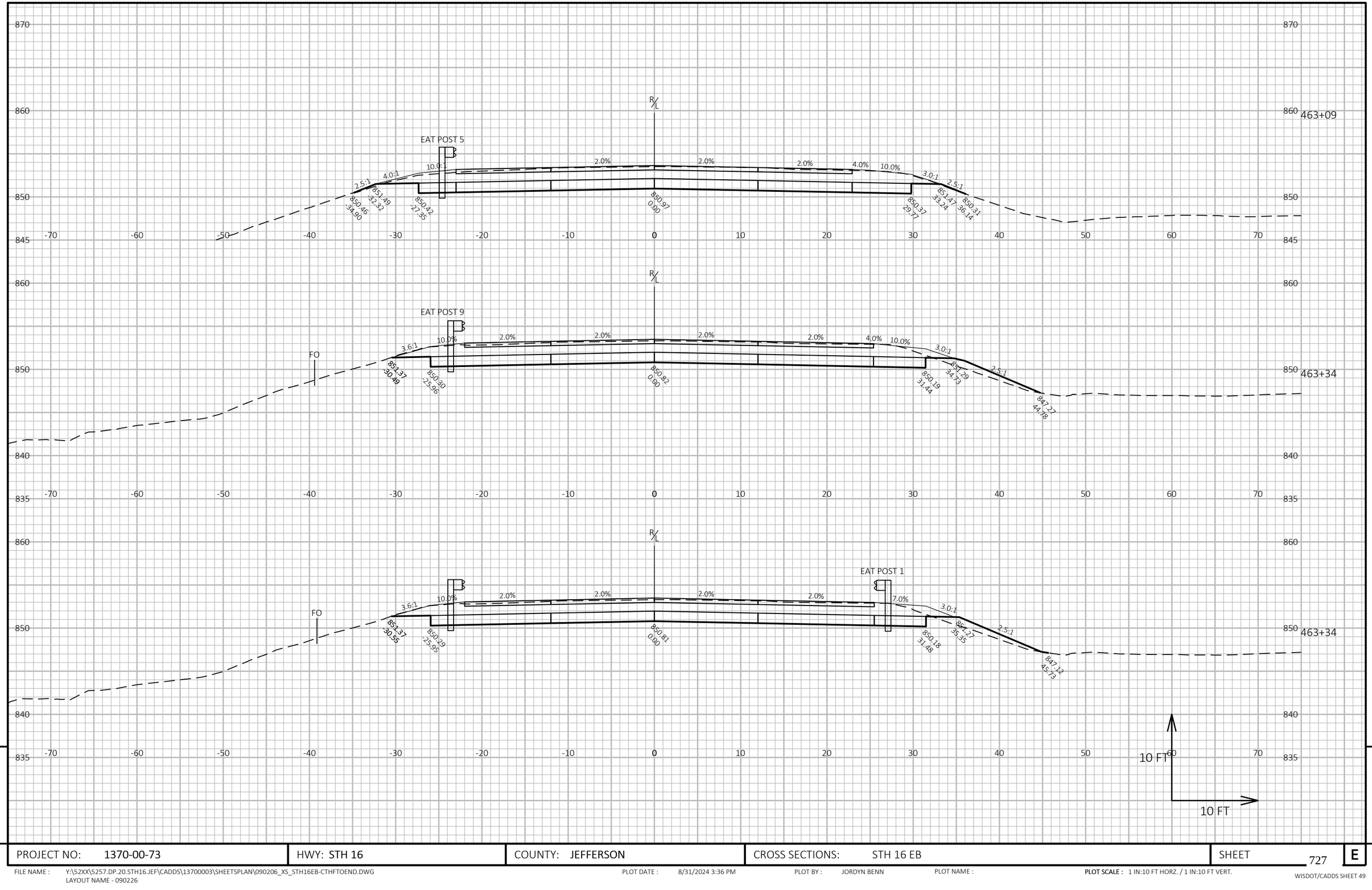
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 726	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090225

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

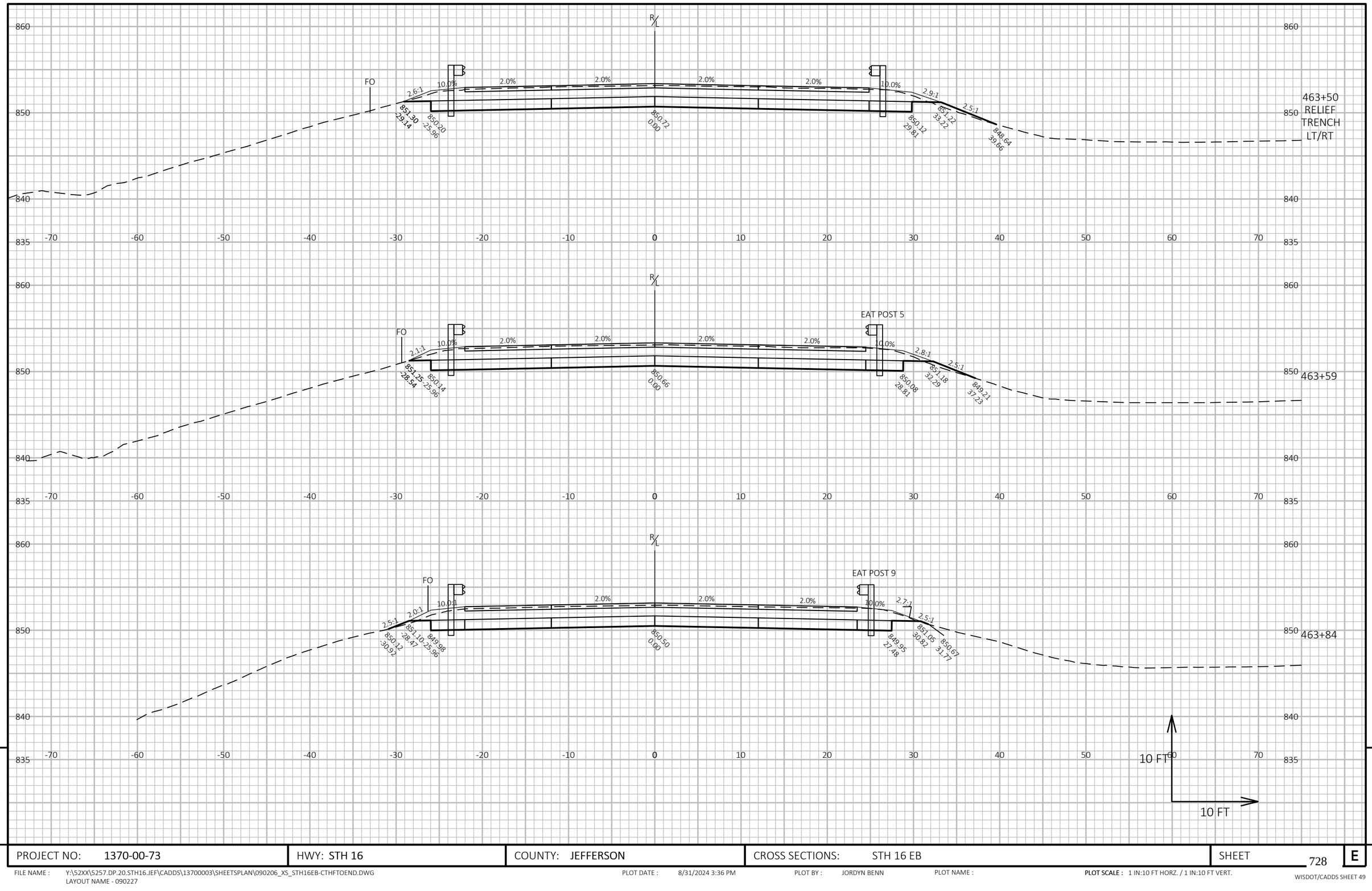


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 727	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090226

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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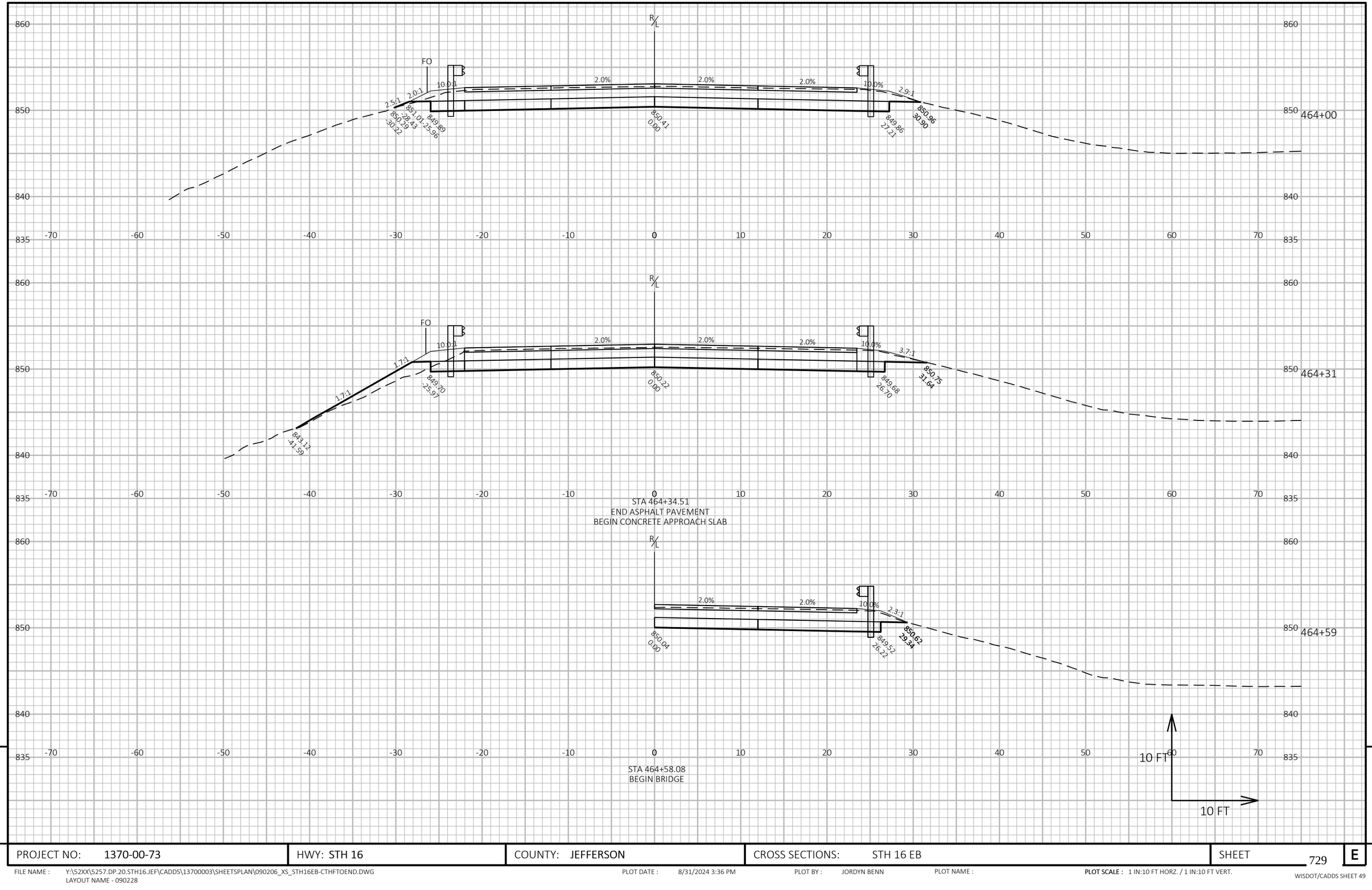
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 728	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090227

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



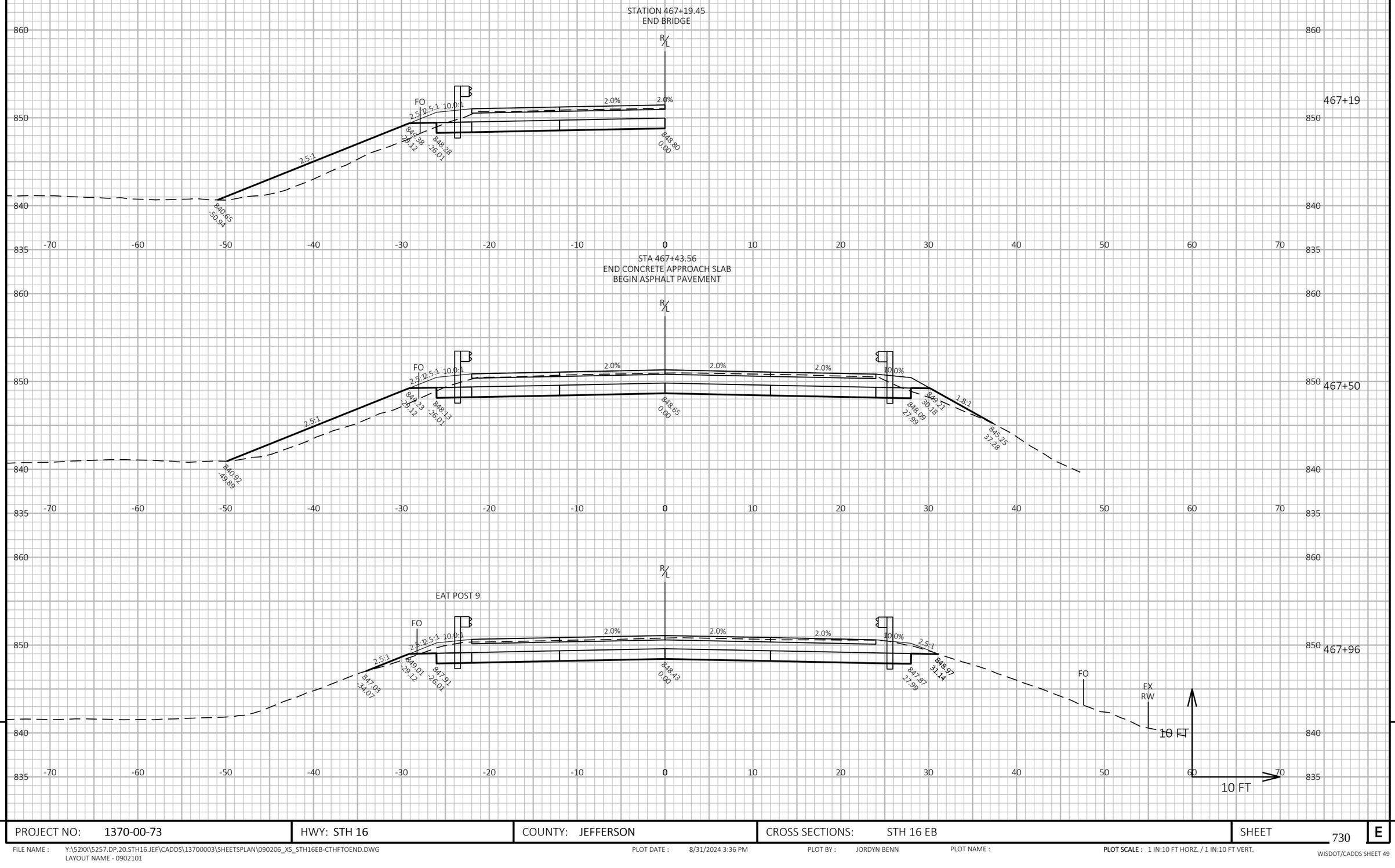
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 729	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 090228

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

STATION 467+19.45
END BRIDGE



STA 467+43.56
END CONCRETE APPROACH SLAB
BEGIN ASPHALT PAVEMENT

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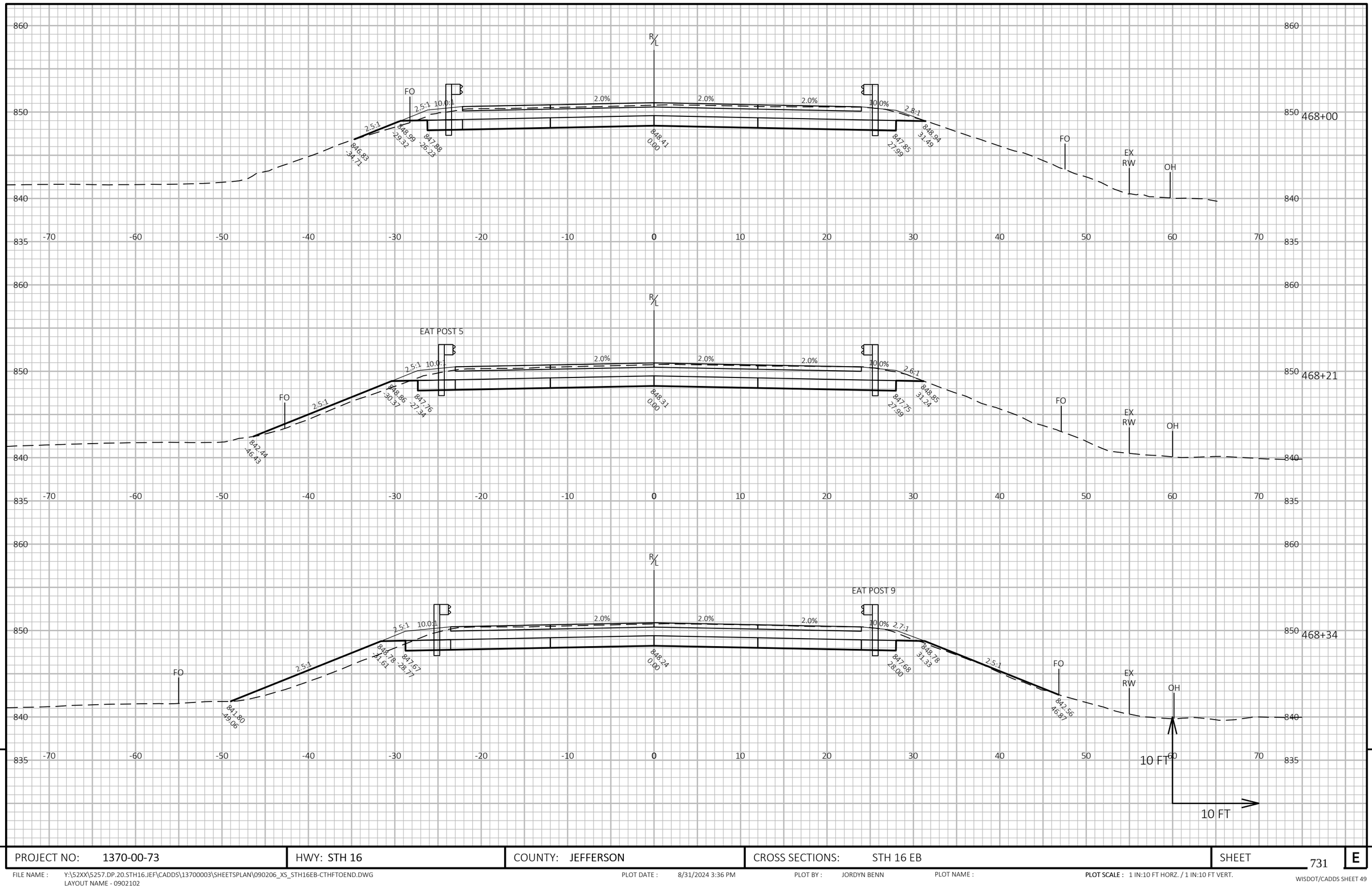
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 730	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 0902101

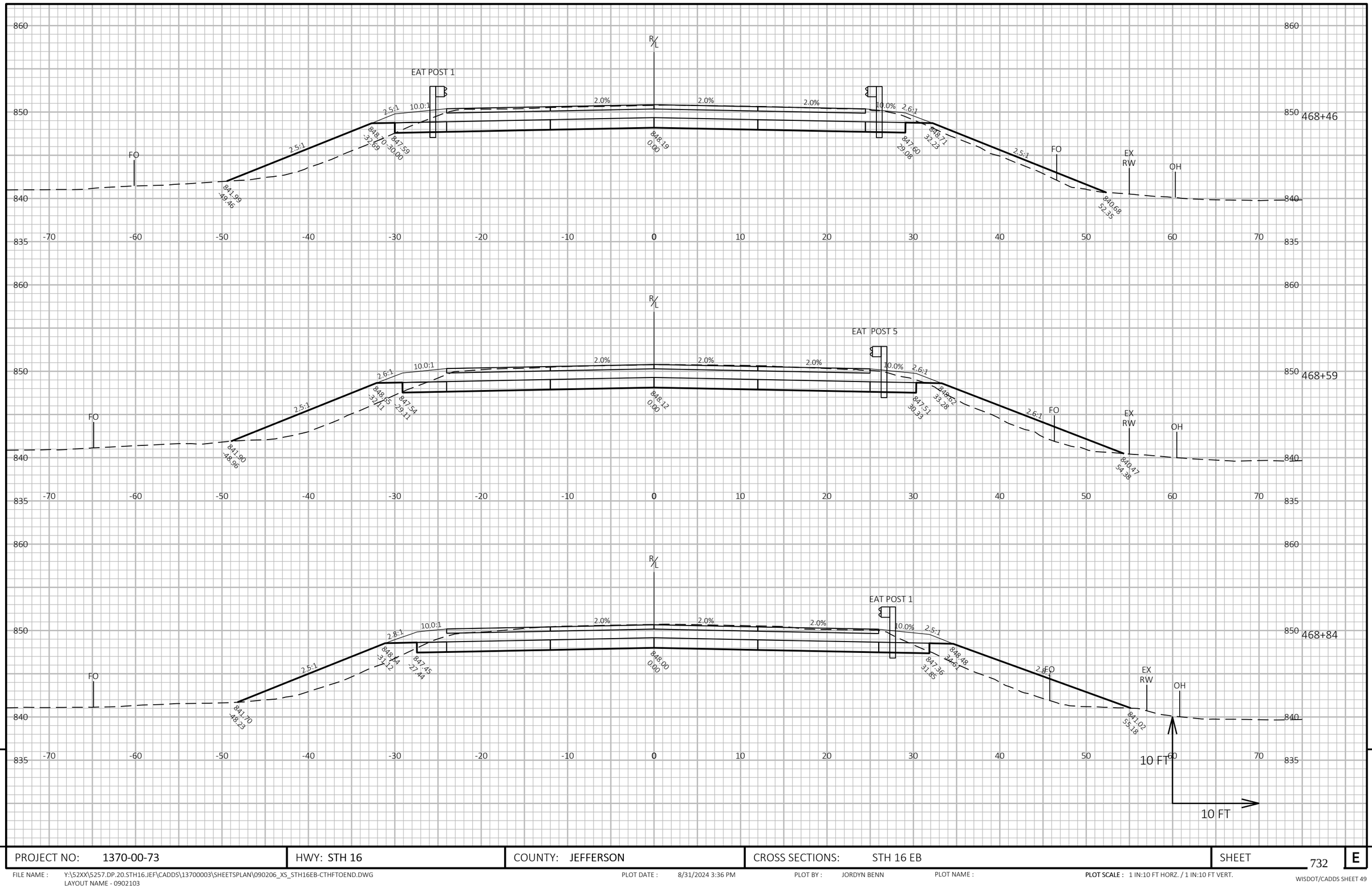
PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 731	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 0902102

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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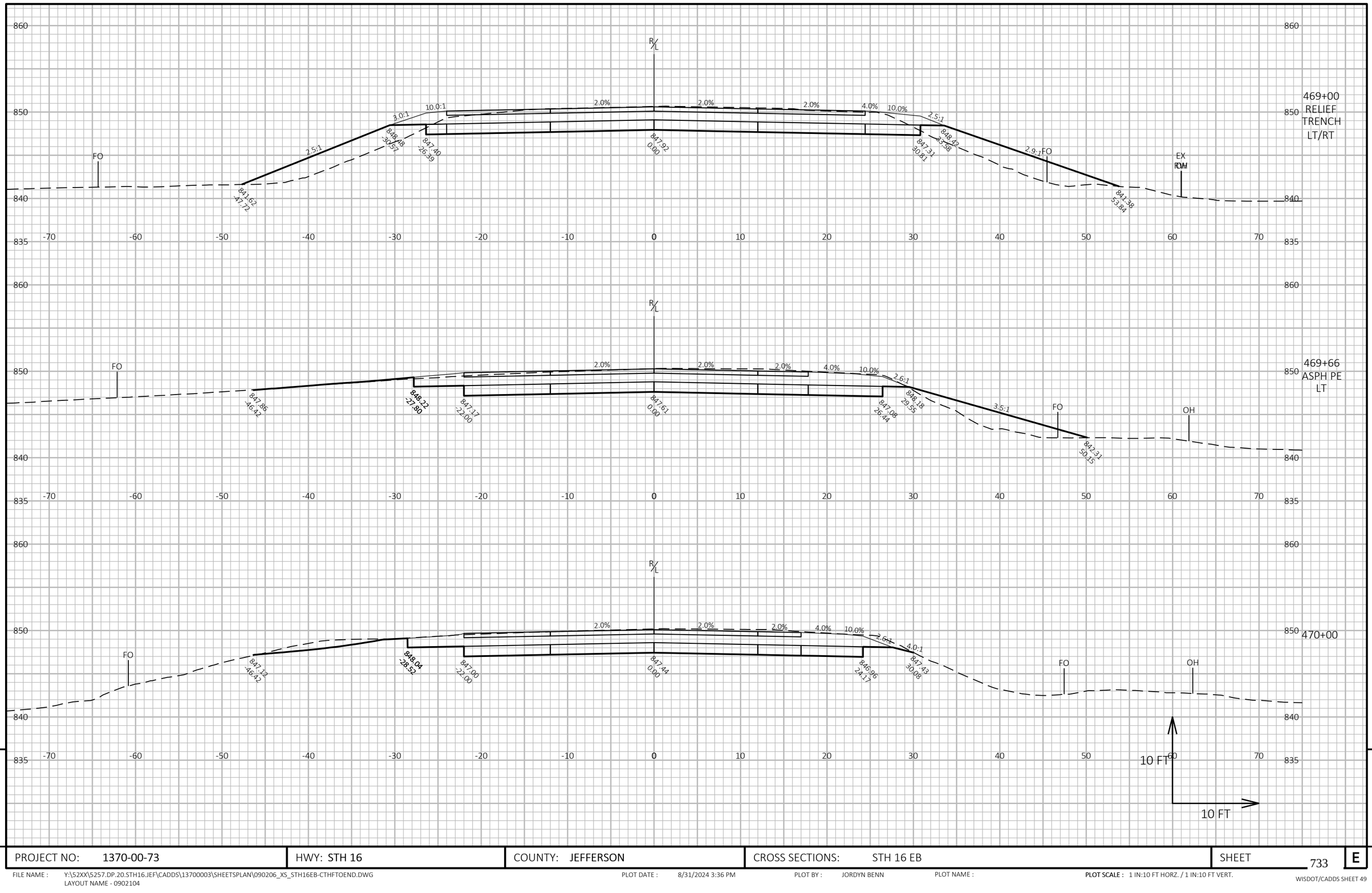
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 732	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 0902103

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

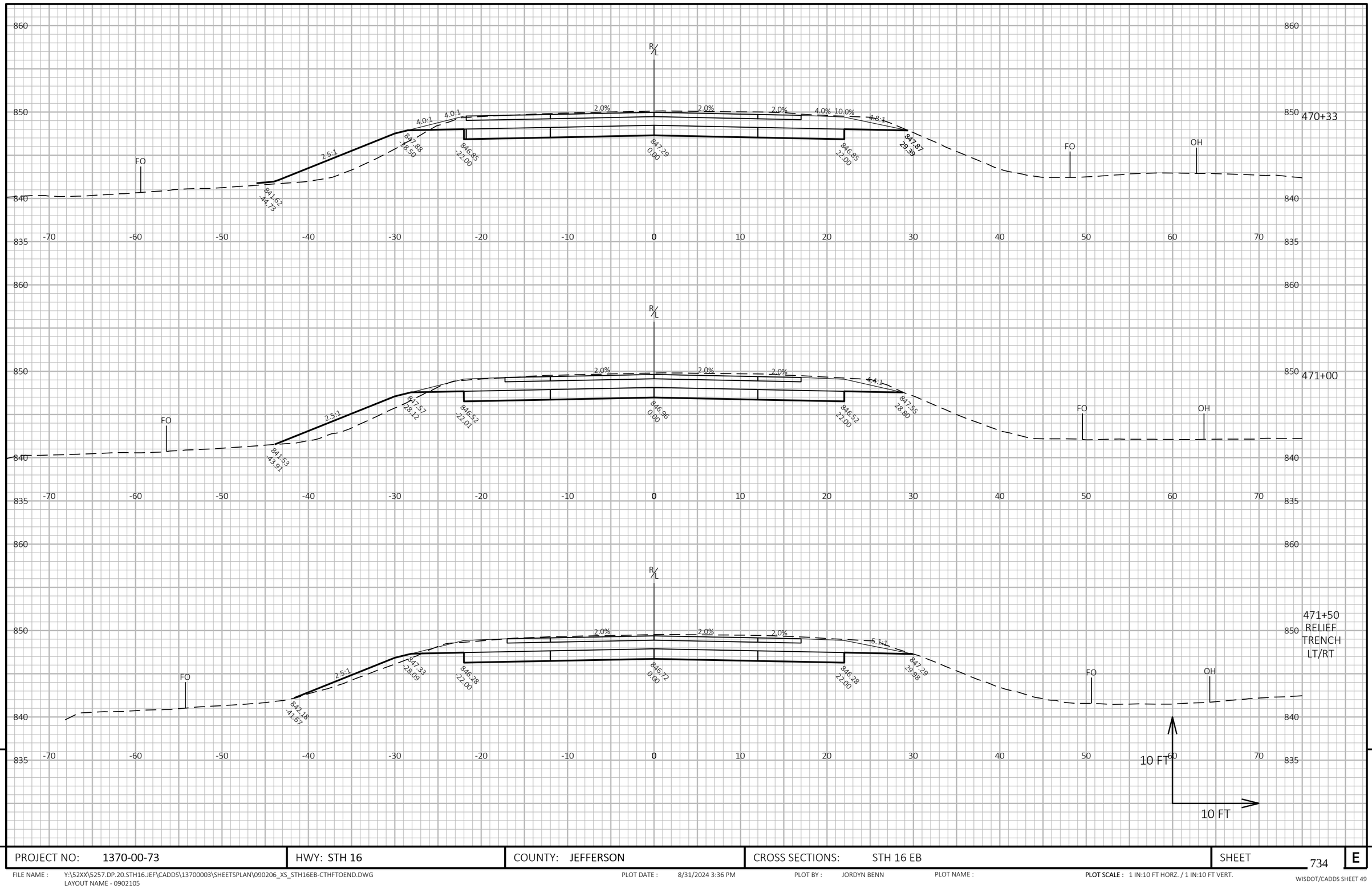


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 733	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 0902104

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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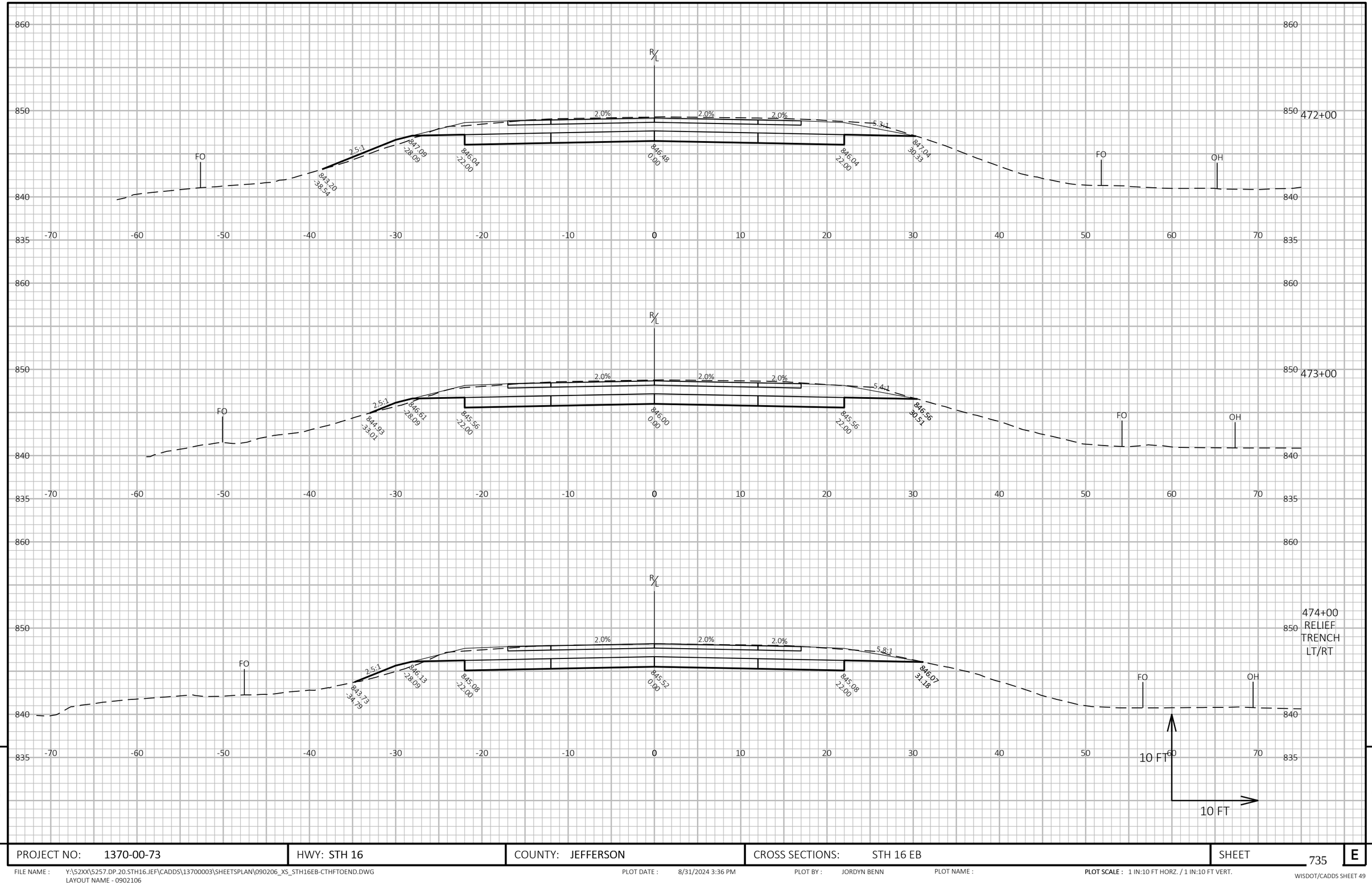
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 734	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 0902105

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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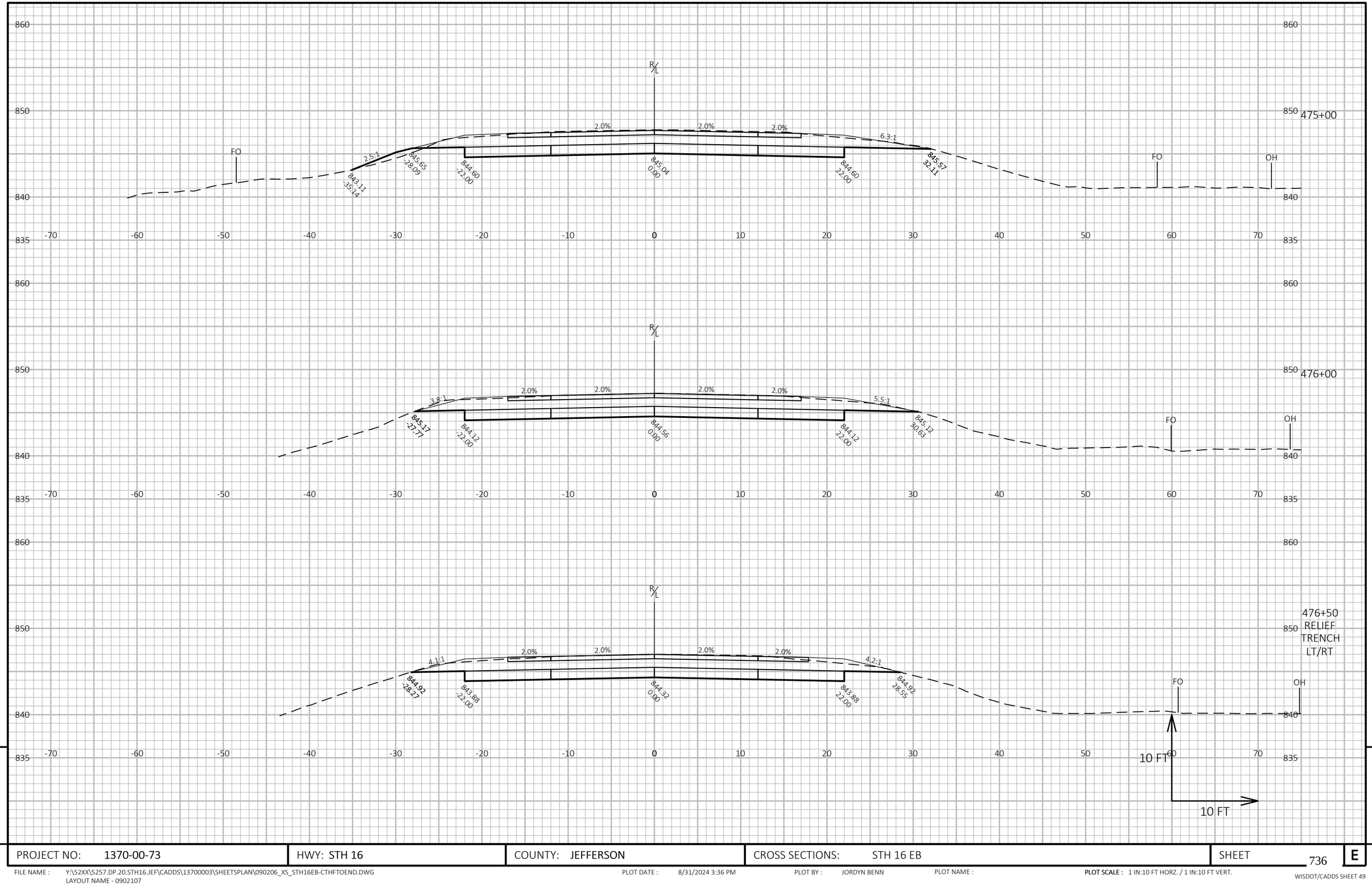
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 735	E

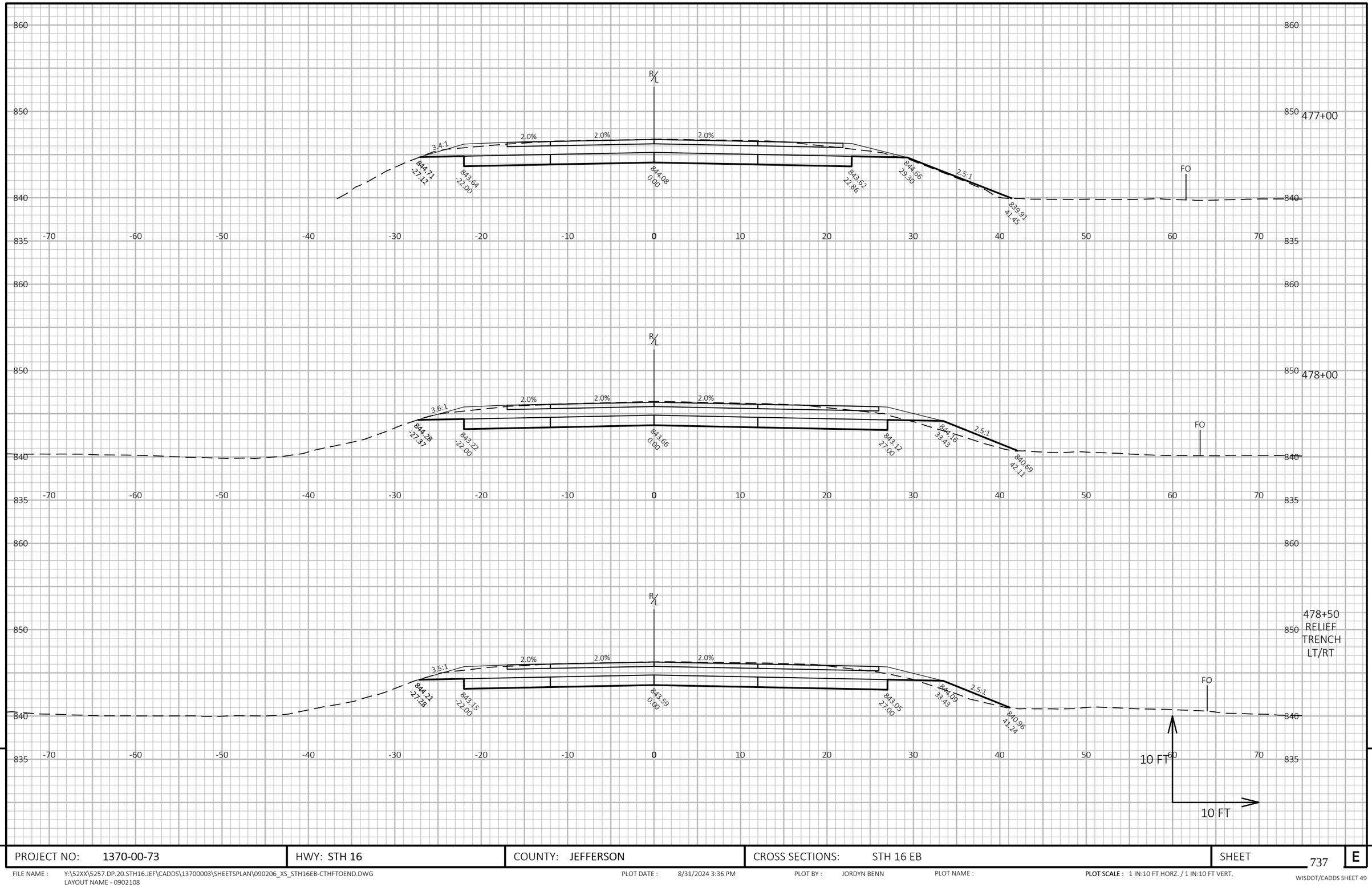
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 0902106

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 736	E



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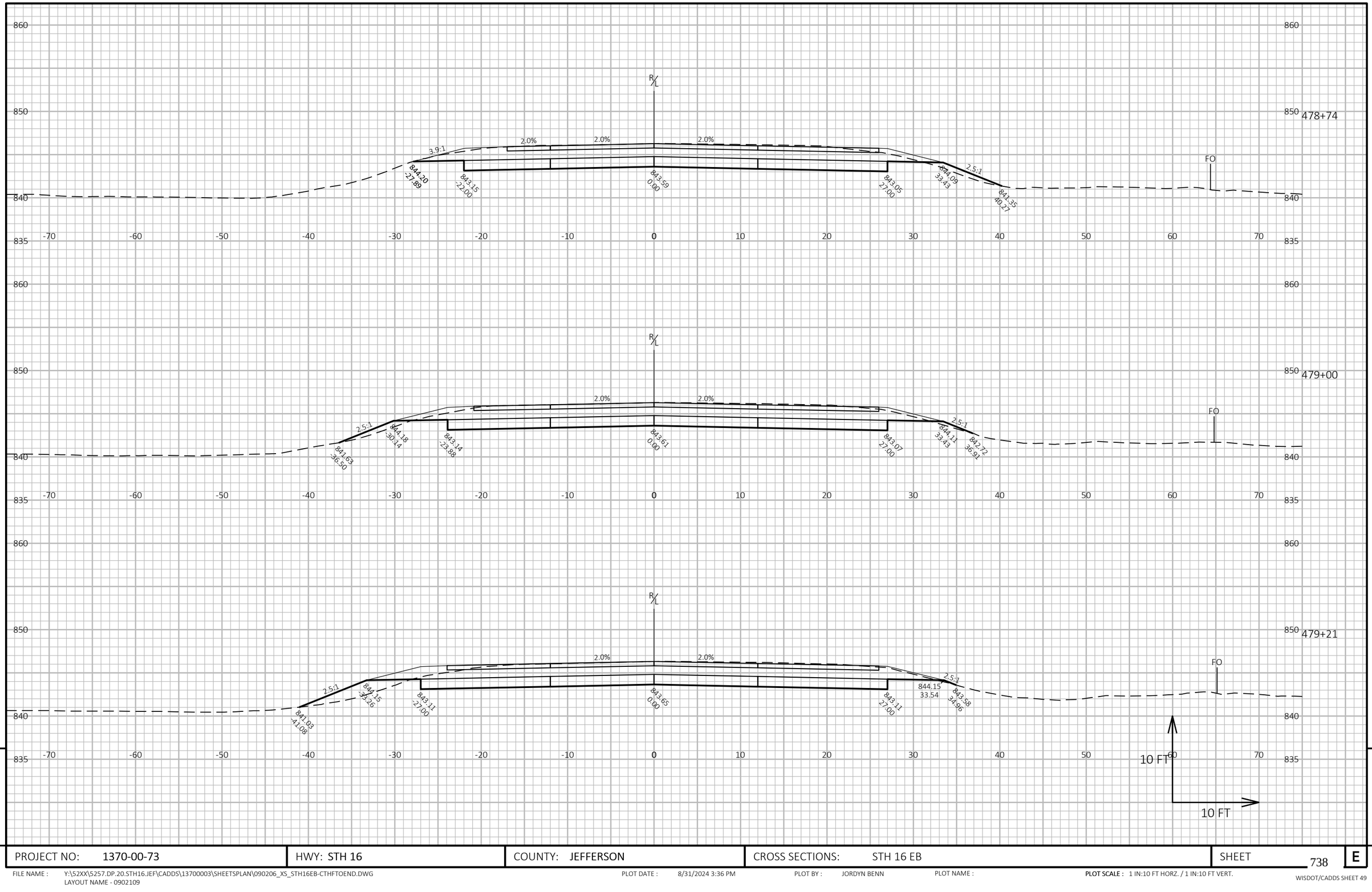
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 737	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 0902108

PLOT DATE : 8/31/2024 3:36 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 738	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 0902109

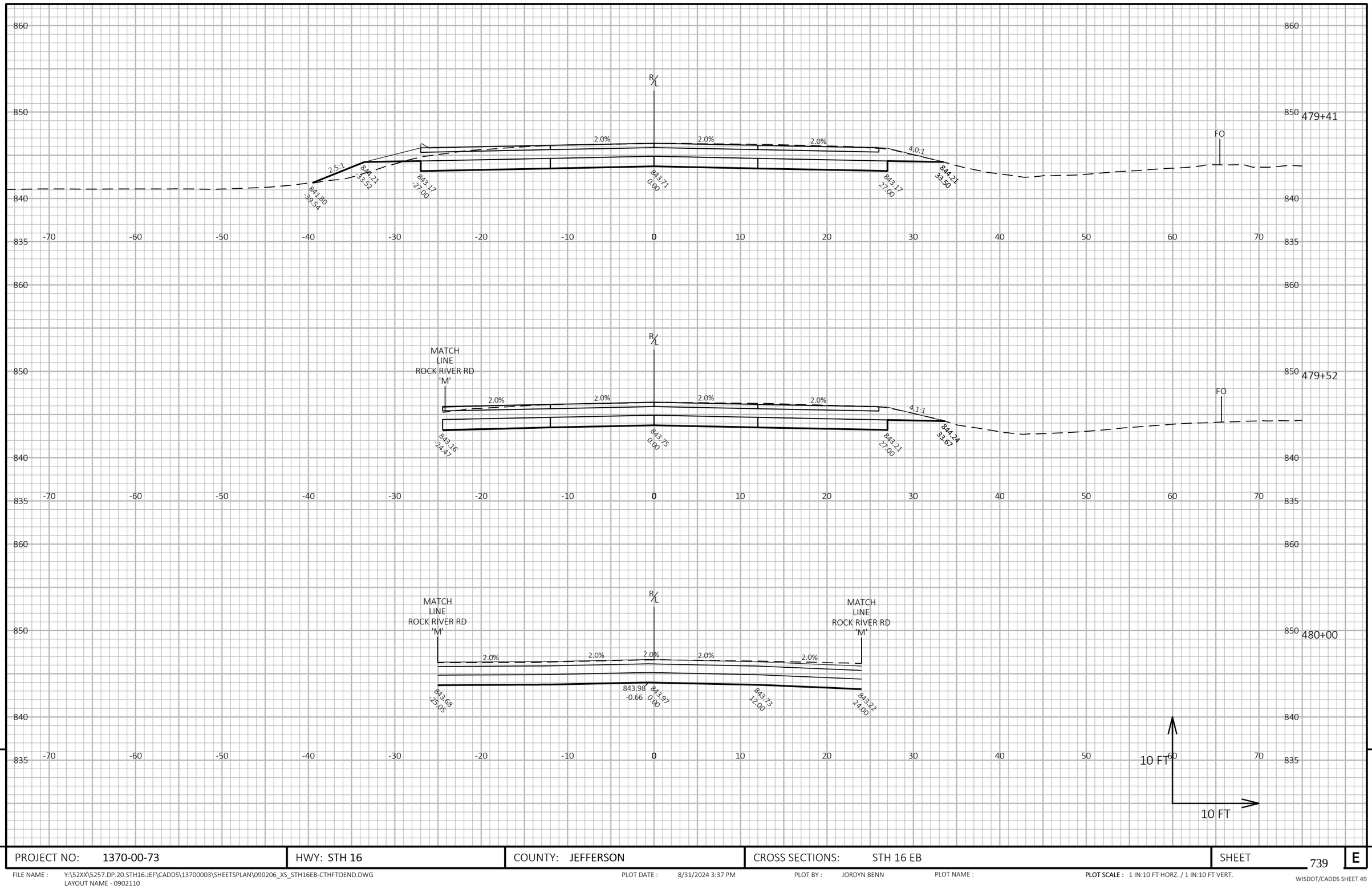
PLOT DATE : 8/31/2024 3:36 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

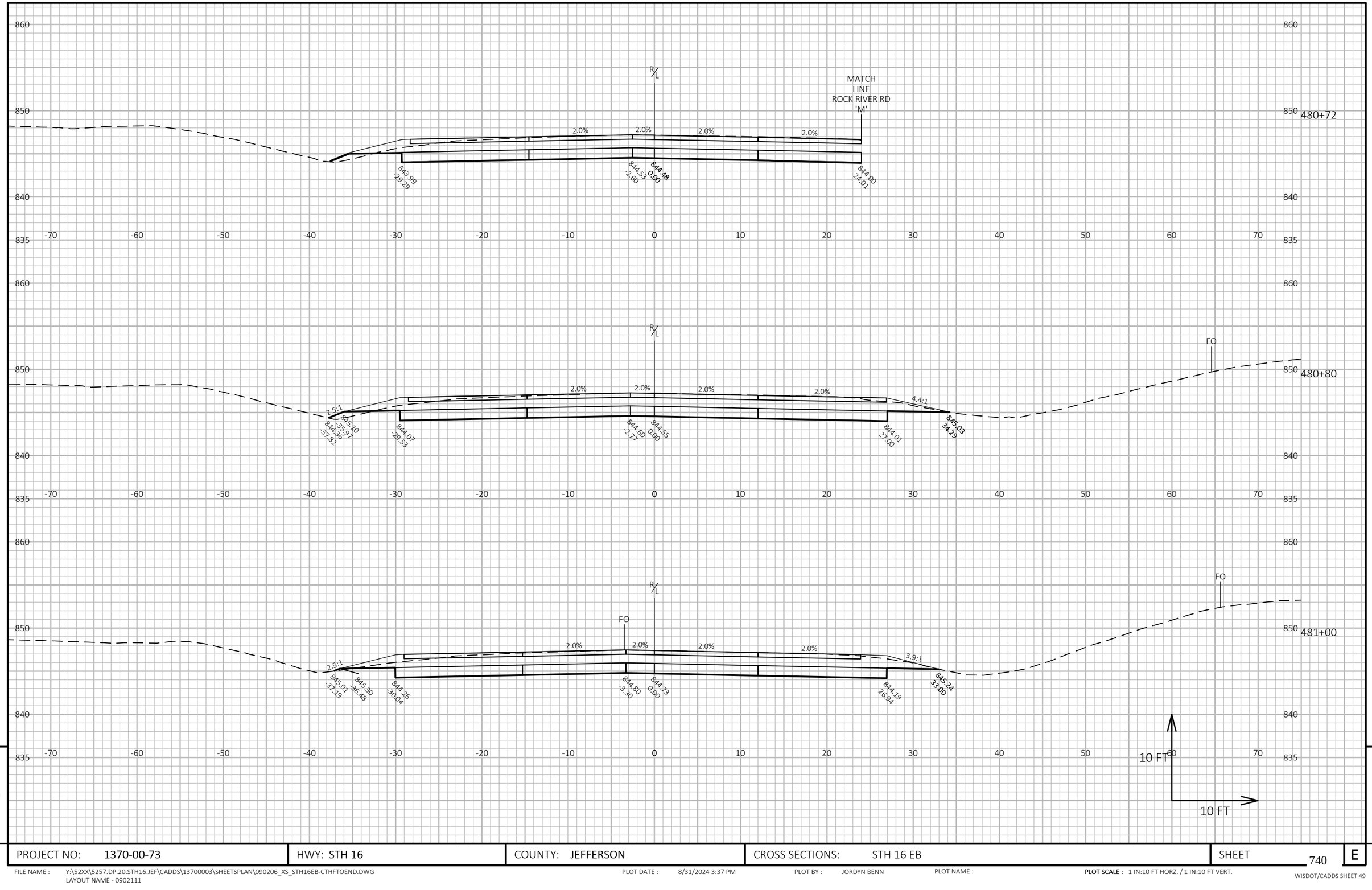


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 739	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 0902110

PLOT DATE : 8/31/2024 3:37 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

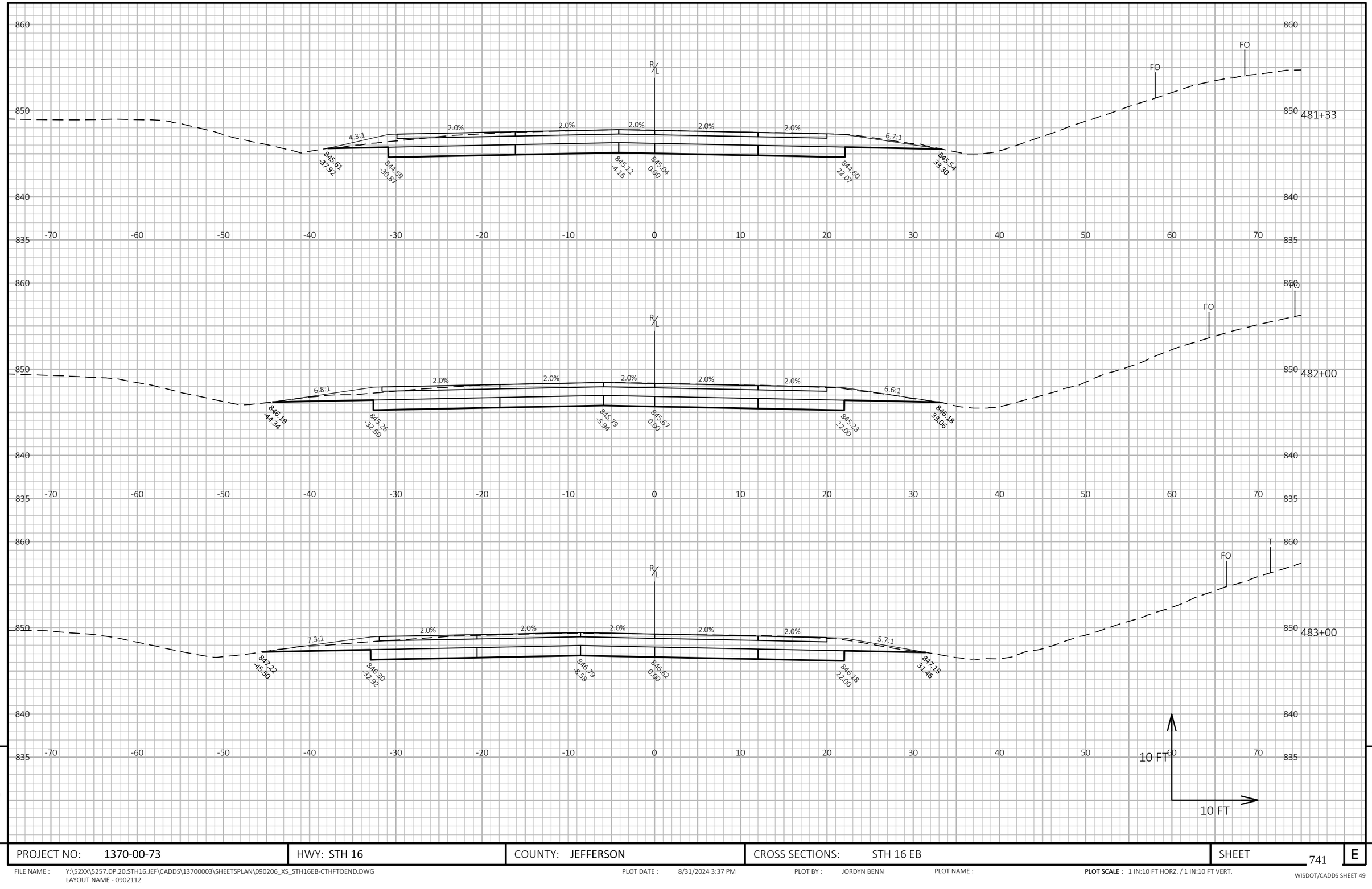


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 740	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 0902111

PLOT DATE : 8/31/2024 3:37 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

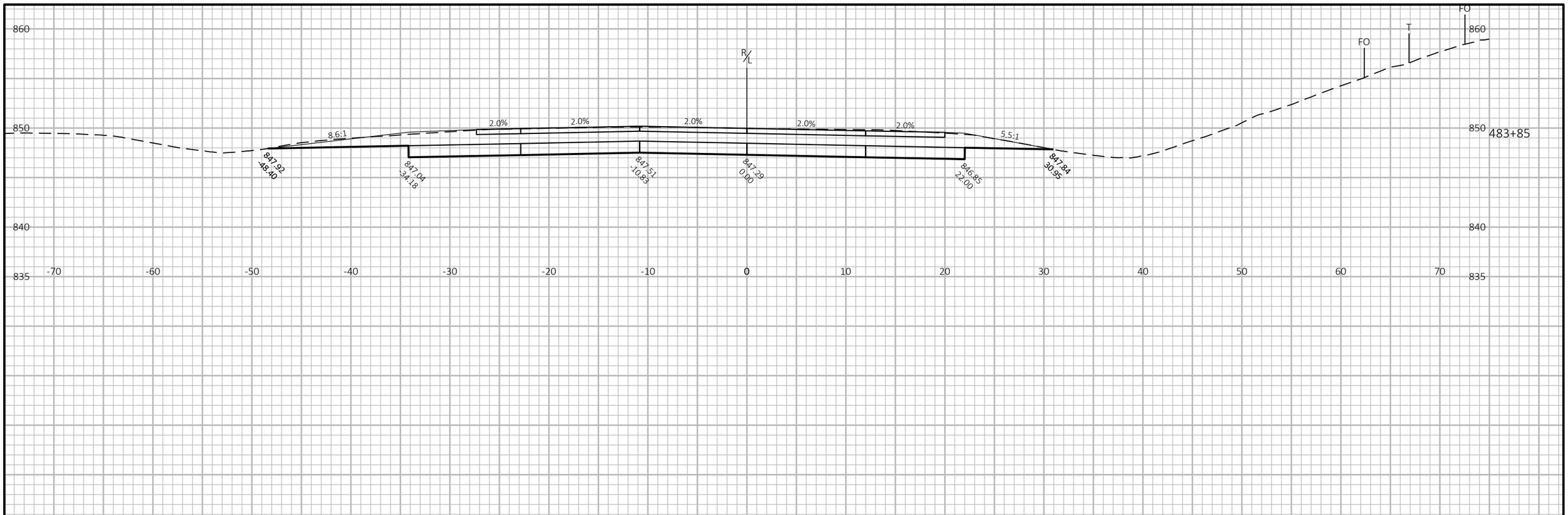


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 741	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 0902112

PLOT DATE : 8/31/2024 3:37 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 EB	SHEET 742	E

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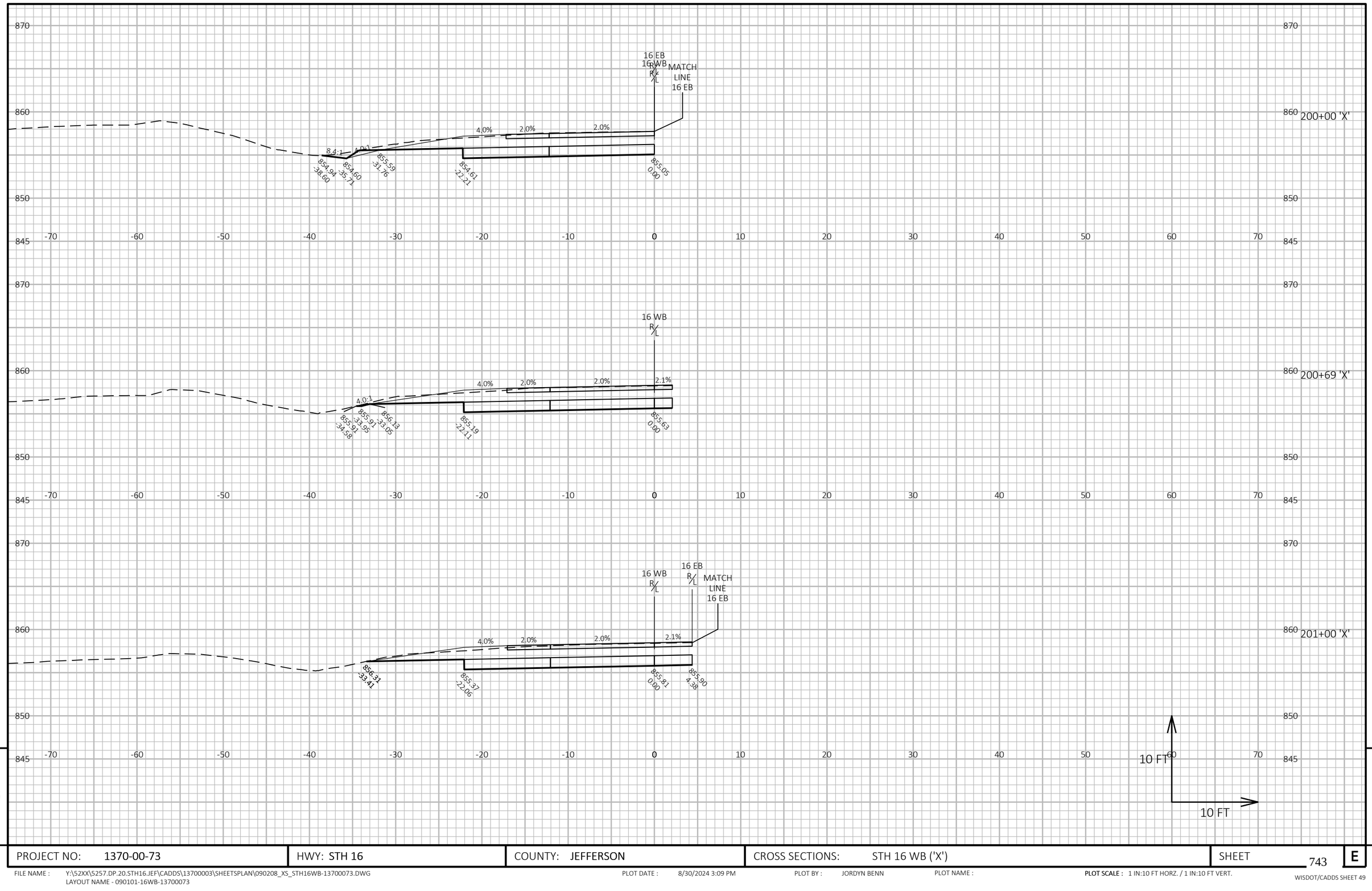
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090206_XS_STH16EB-CTHFTOEND.DWG
LAYOUT NAME - 0902113

PLOT DATE : 8/31/2024 3:37 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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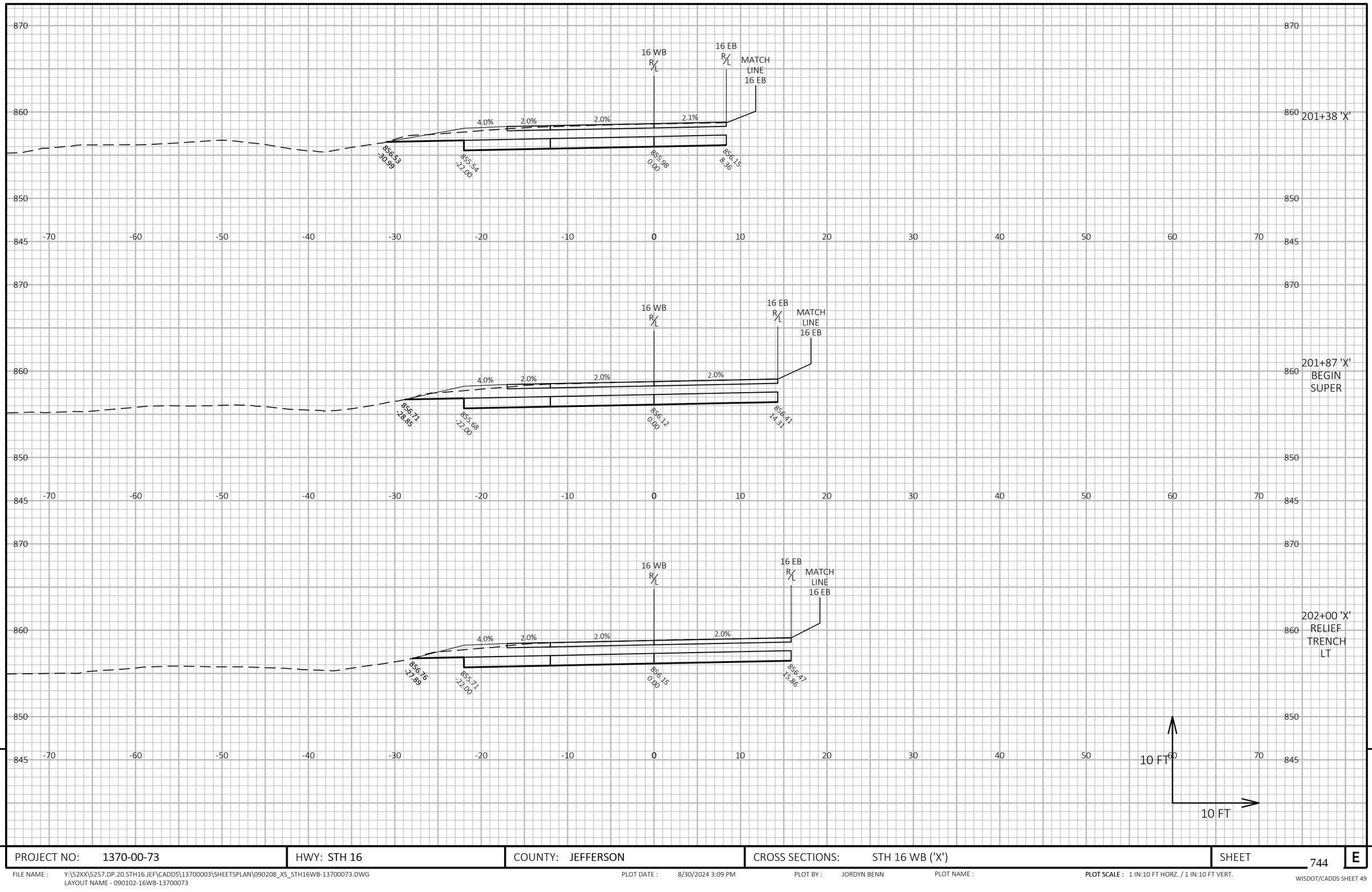
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 743	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090101-16WB-13700073

PLOT DATE : 8/30/2024 3:09 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

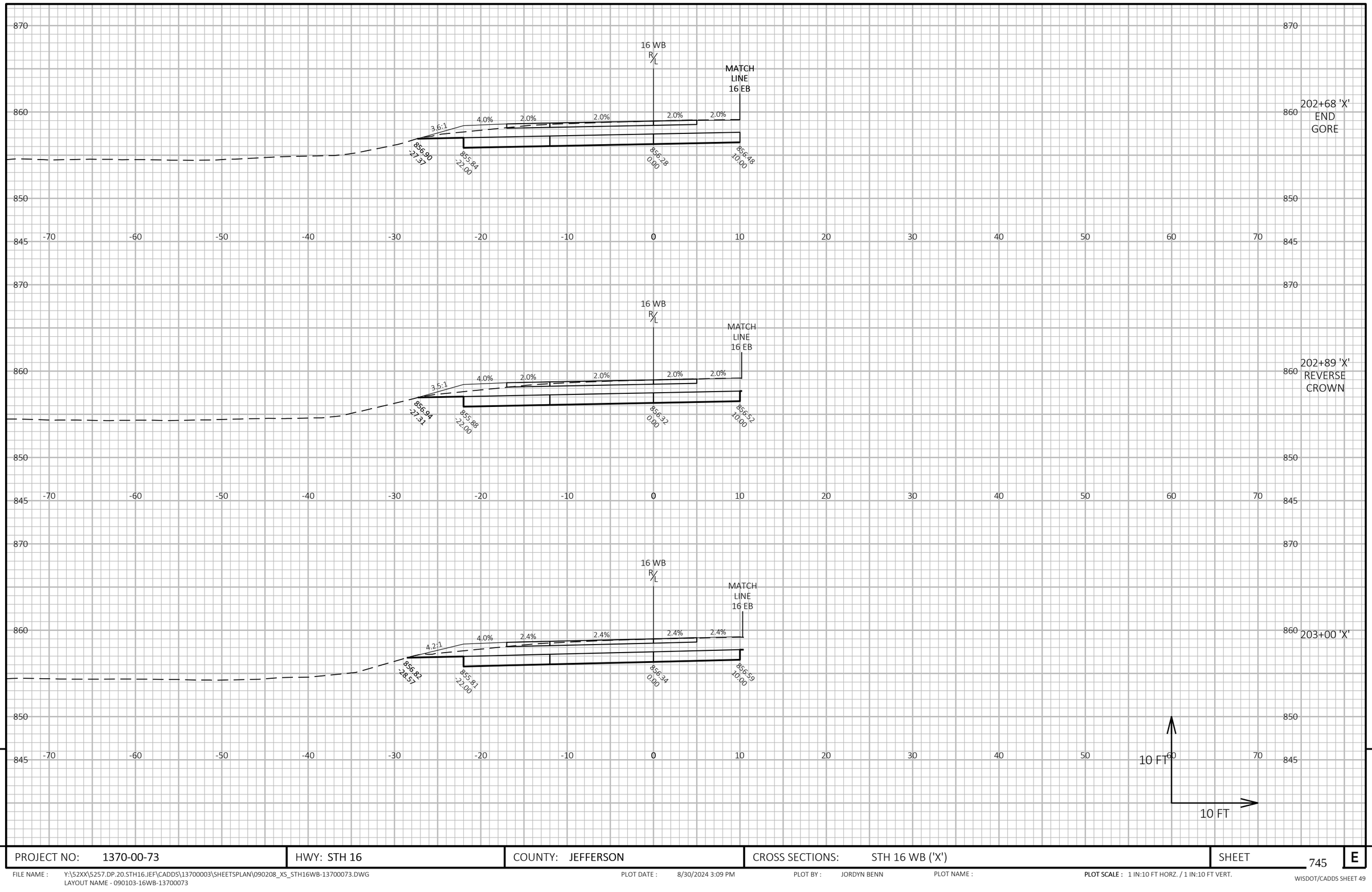


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 744 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090102-16WB-13700073

PLOT DATE : 8/30/2024 3:09 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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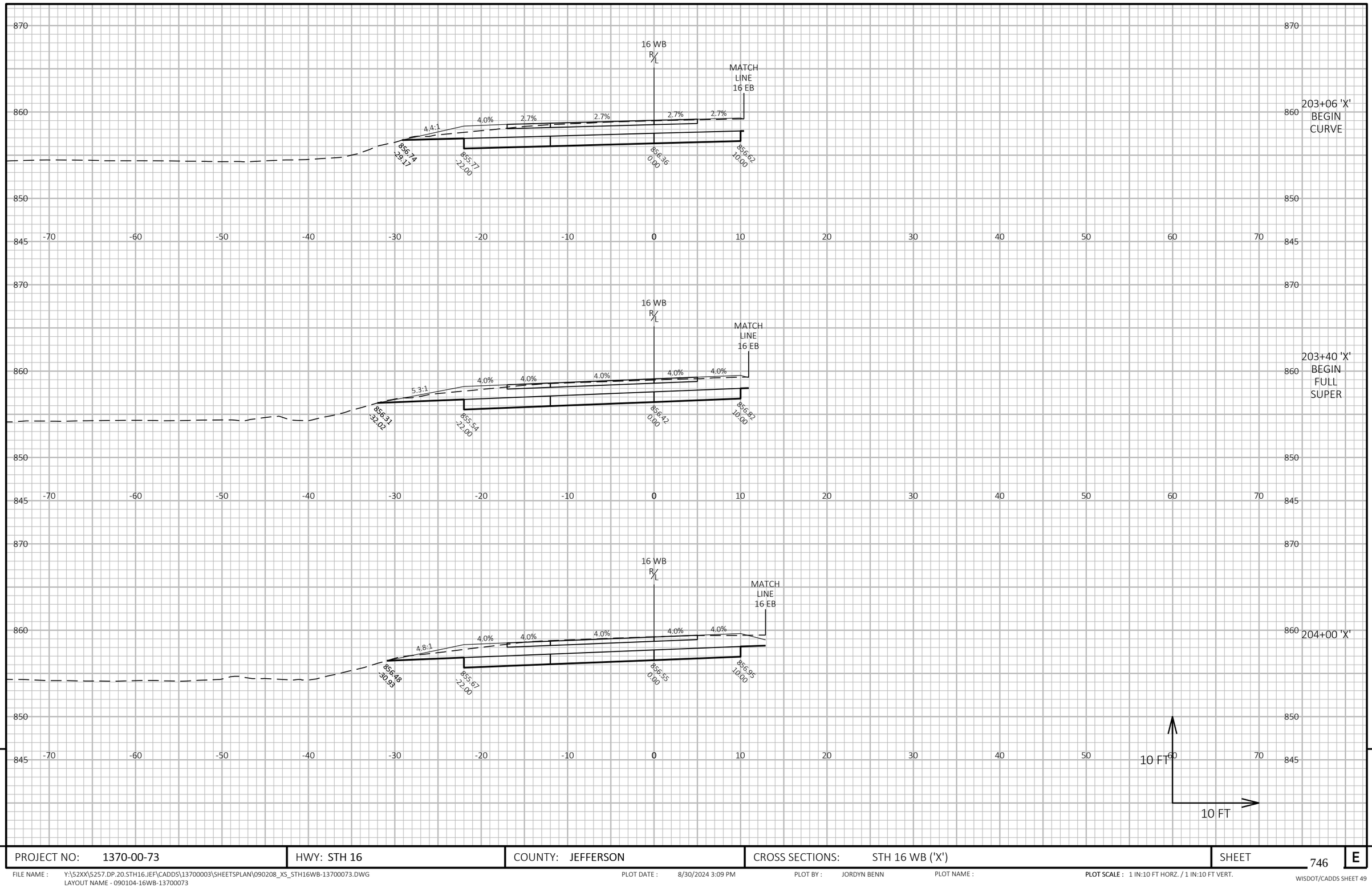
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 745	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090103-16WB-13700073

PLOT DATE : 8/30/2024 3:09 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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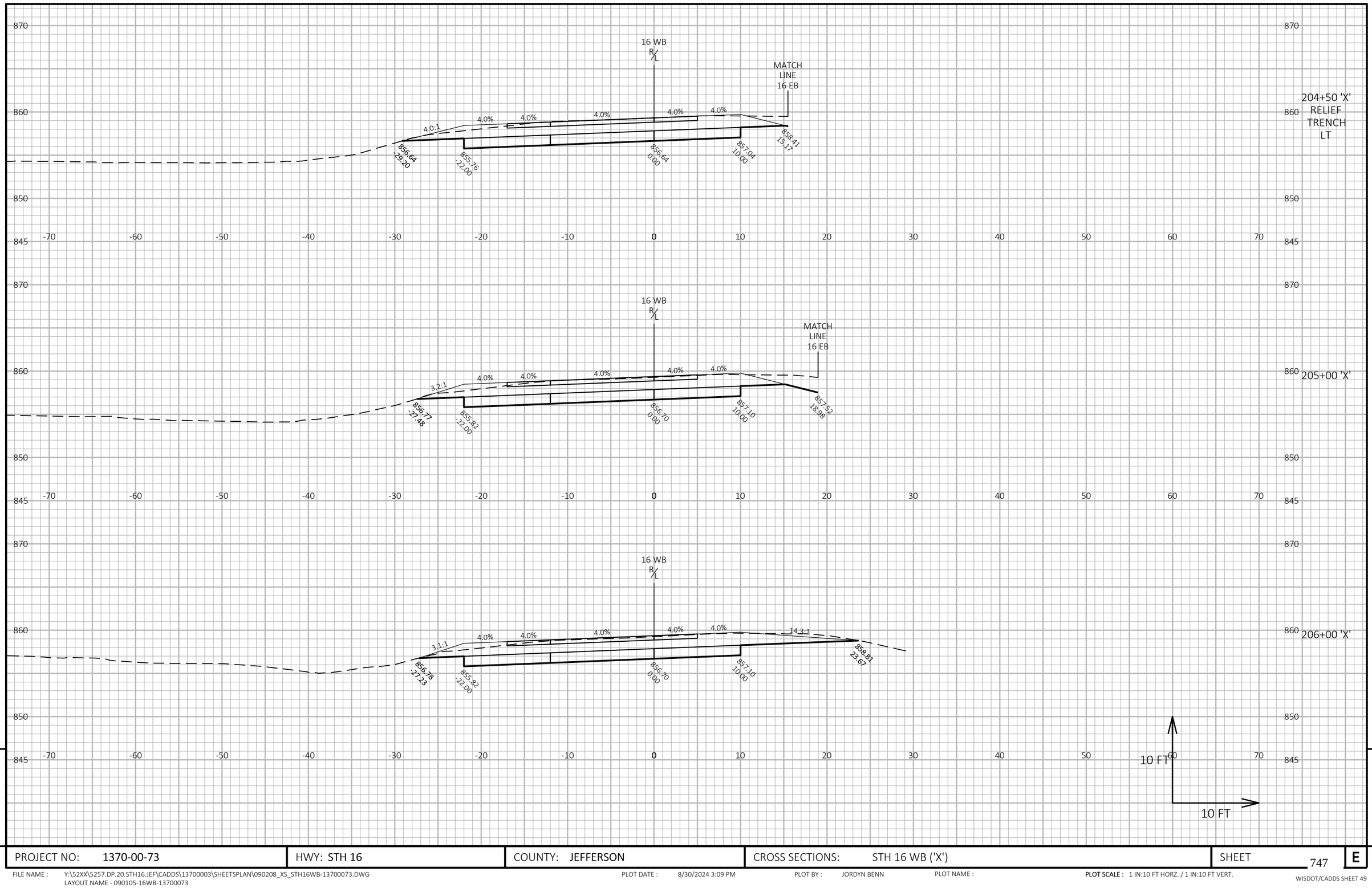
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 746	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090104-16WB-13700073

PLOT DATE : 8/30/2024 3:09 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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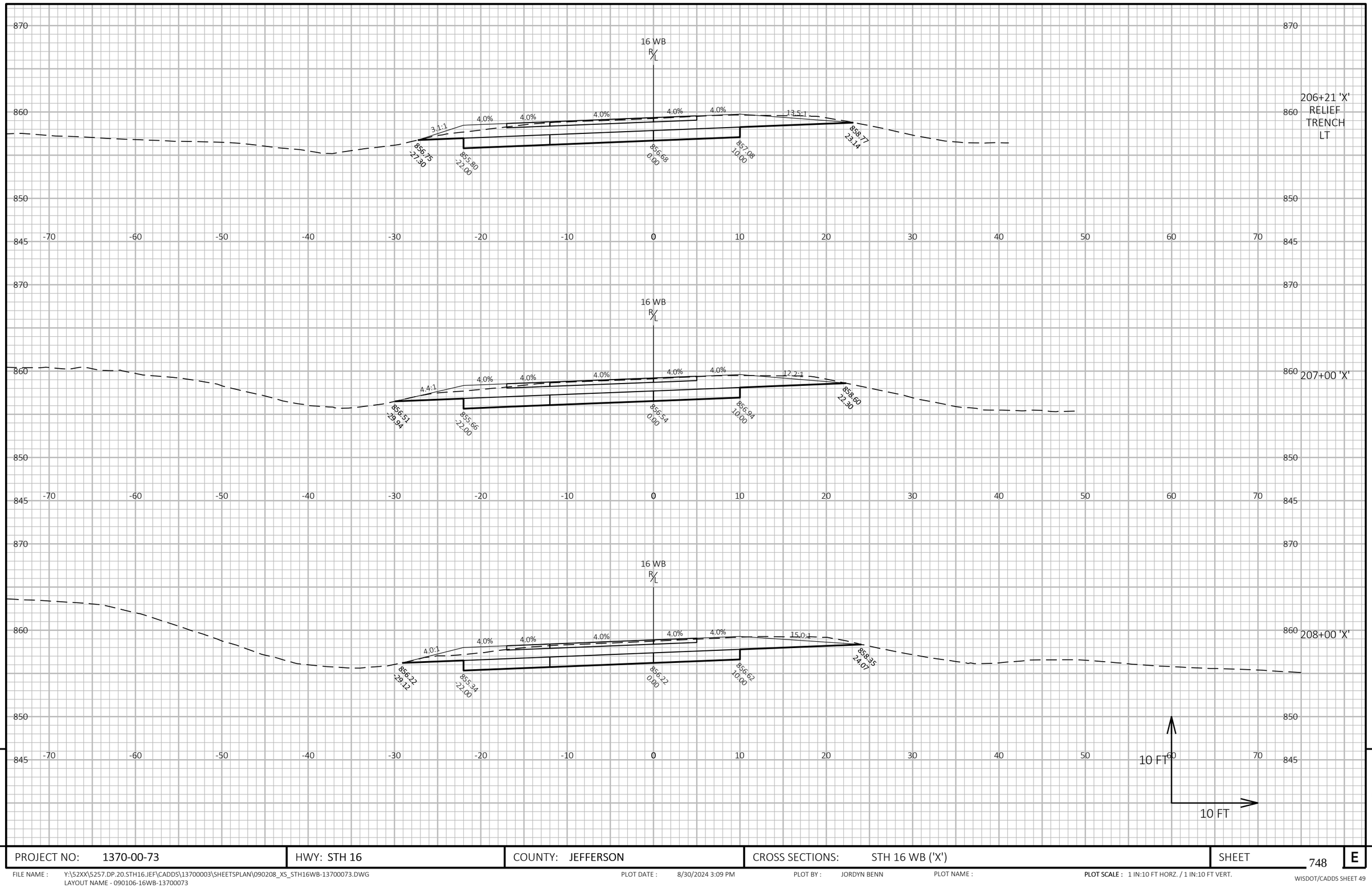
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 747	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090105-16WB-13700073

PLOT DATE : 8/30/2024 3:09 PM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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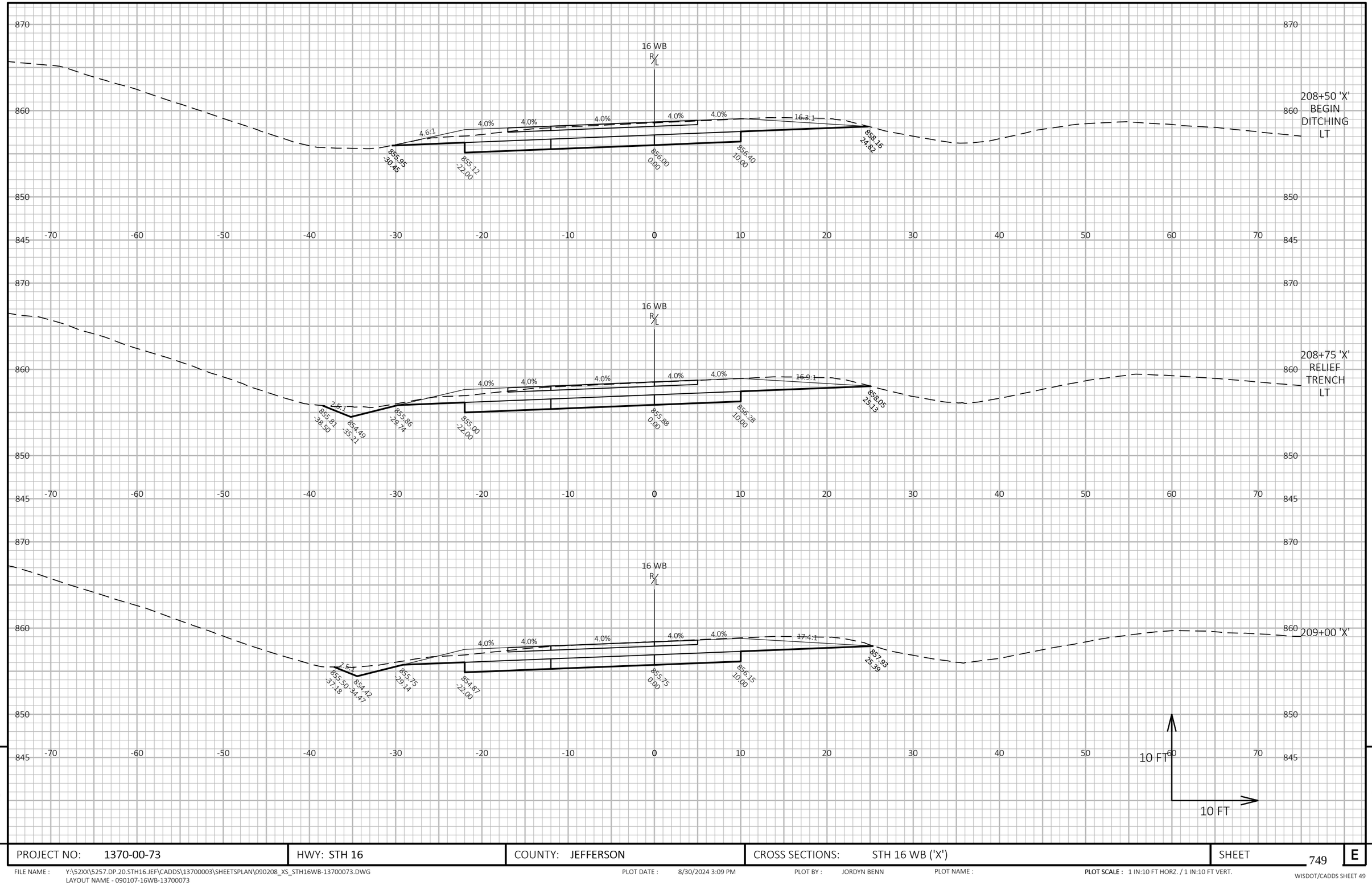
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 748	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090106-16WB-13700073

PLOT DATE : 8/30/2024 3:09 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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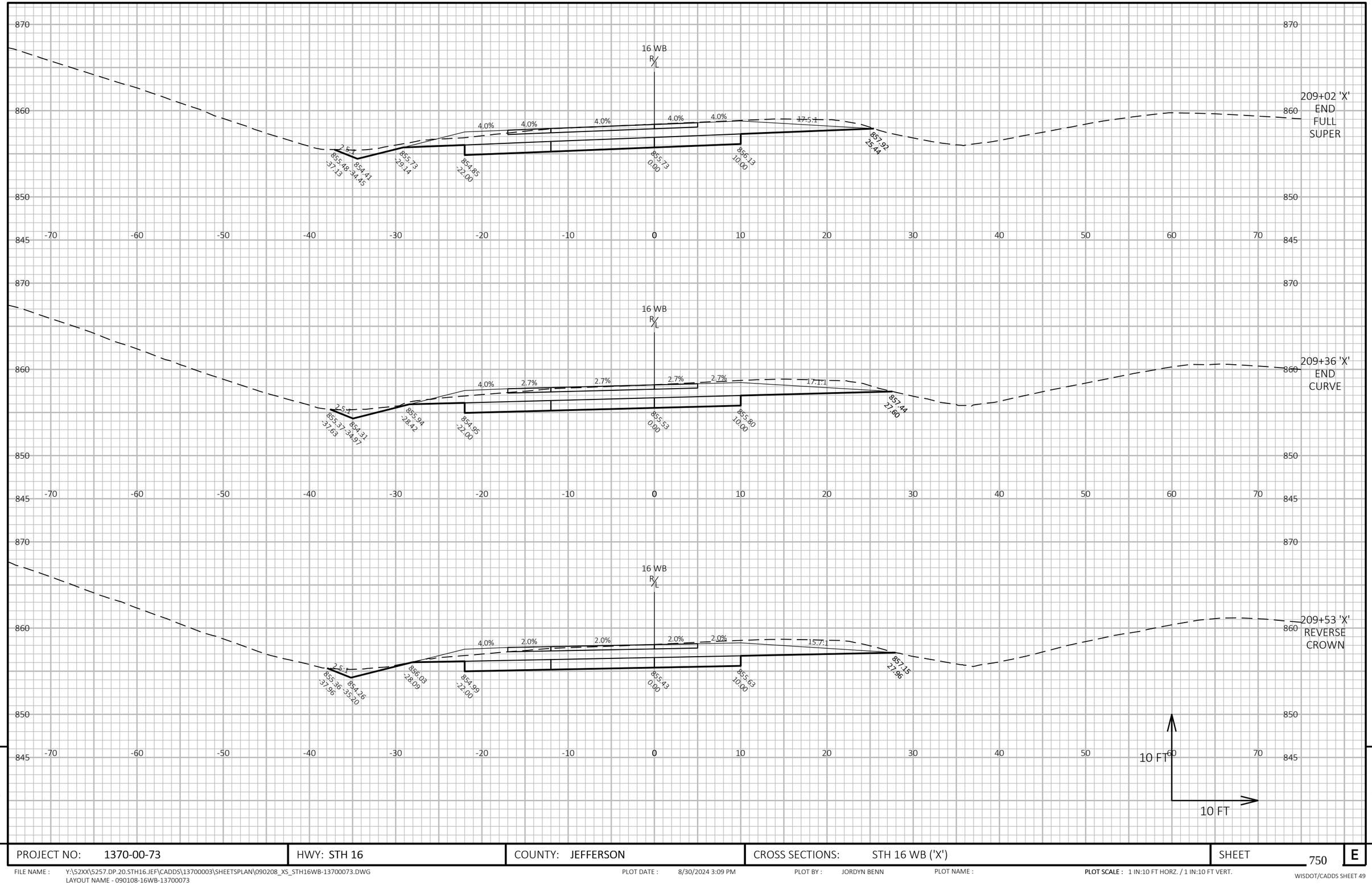
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 749	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090107-16WB-13700073

PLOT DATE : 8/30/2024 3:09 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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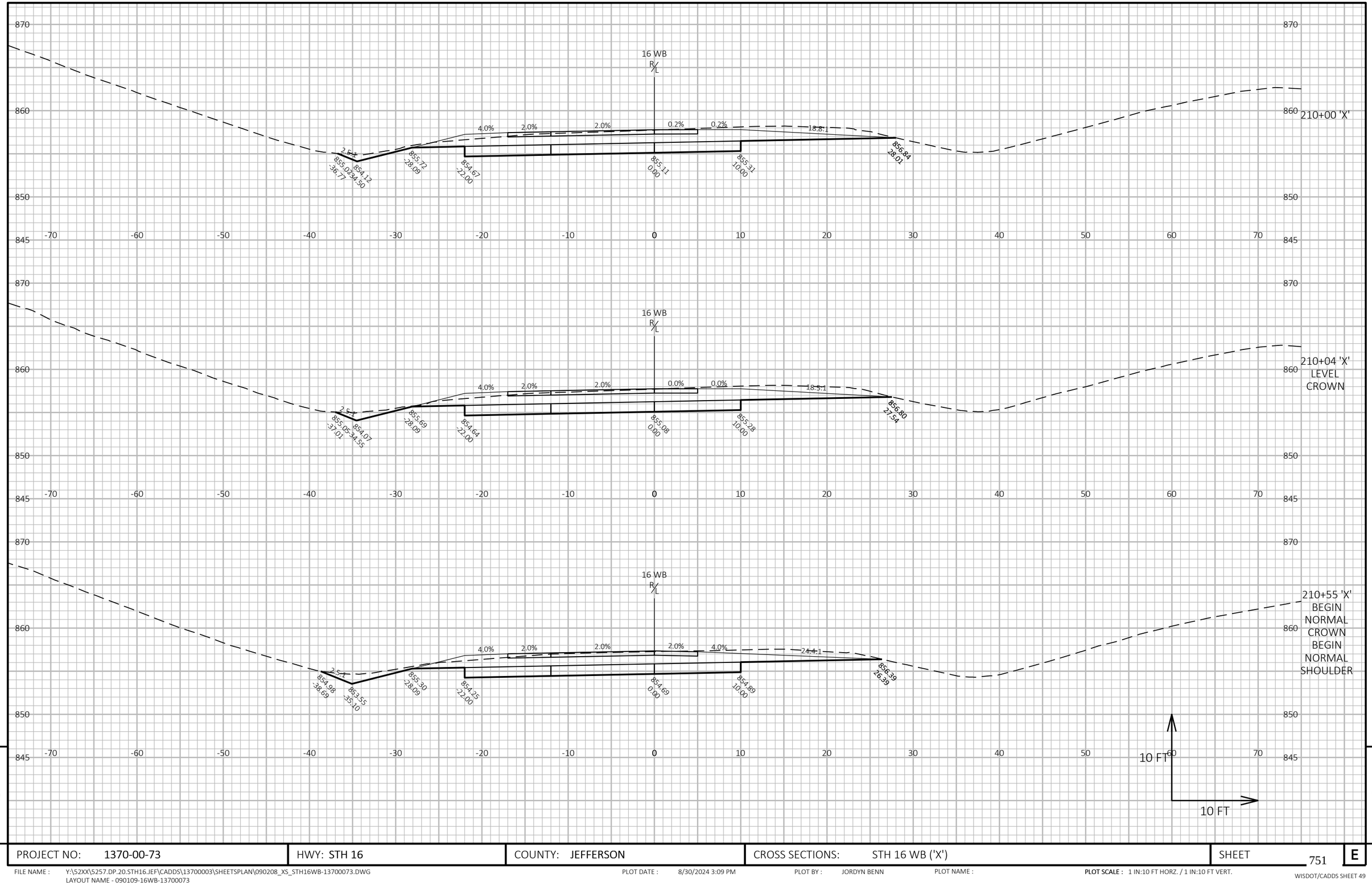
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 750	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090108-16WB-13700073

PLOT DATE : 8/30/2024 3:09 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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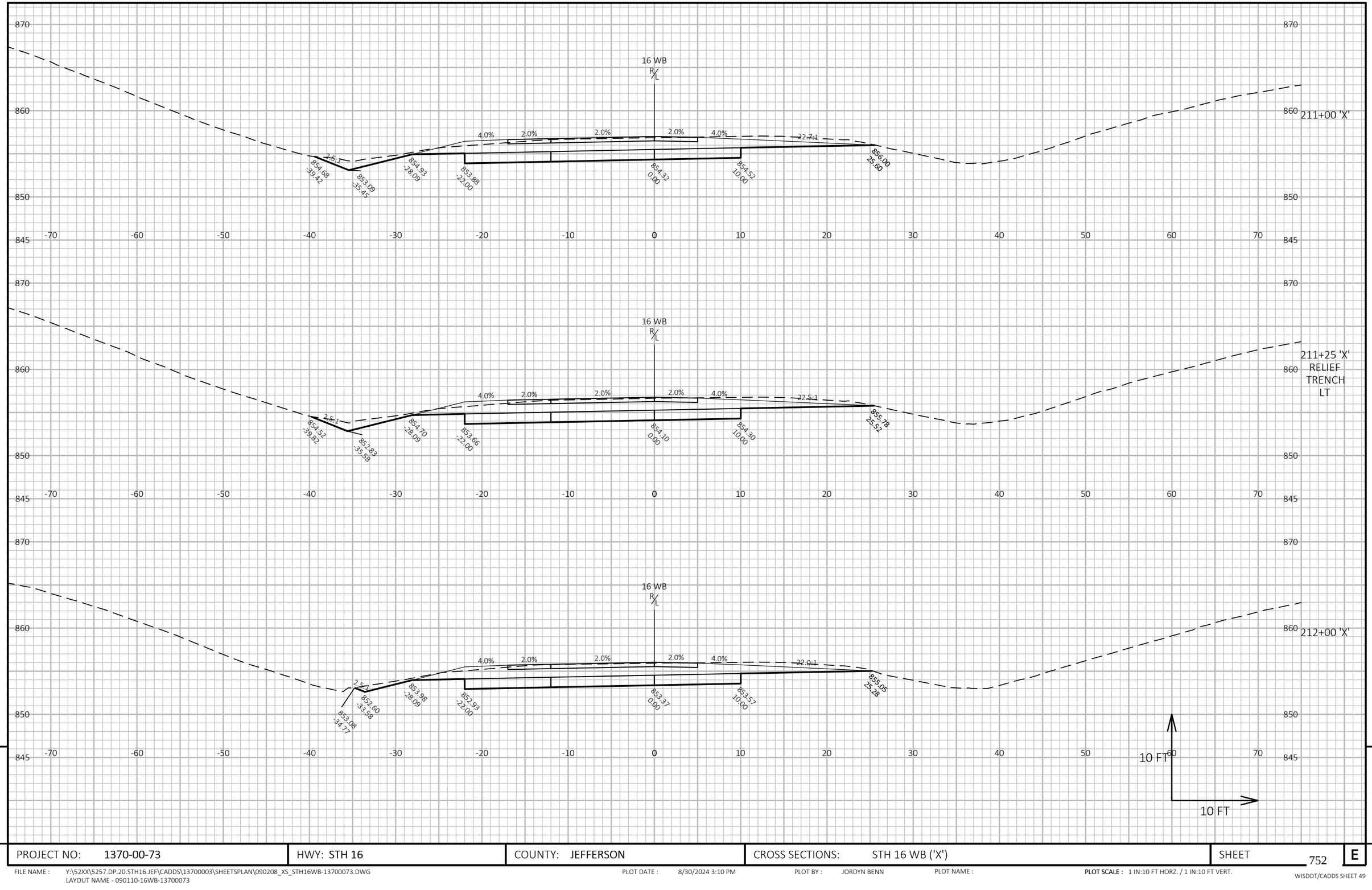
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 751	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090109-16WB-13700073

PLOT DATE : 8/30/2024 3:09 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

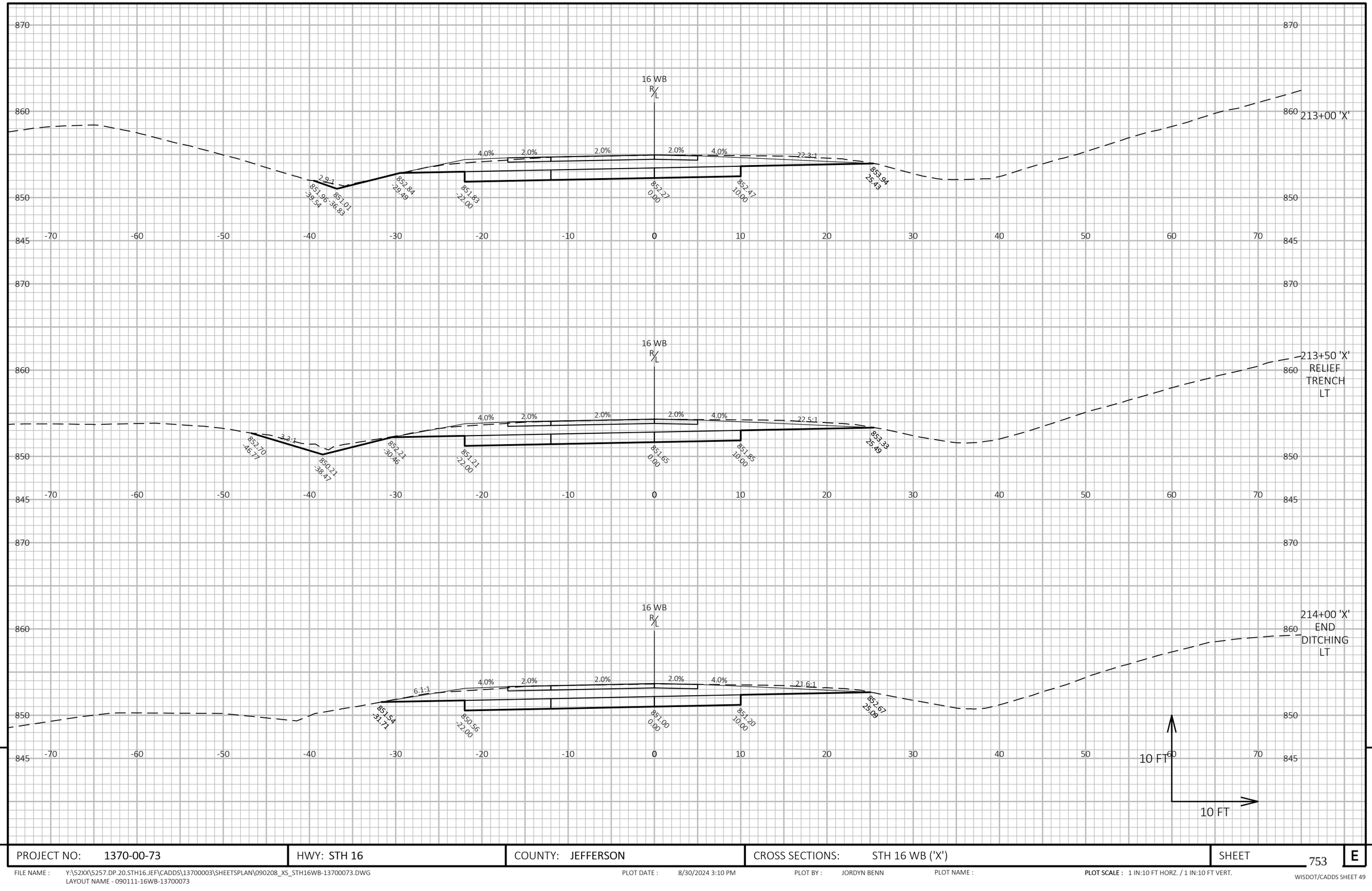


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 752	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090110-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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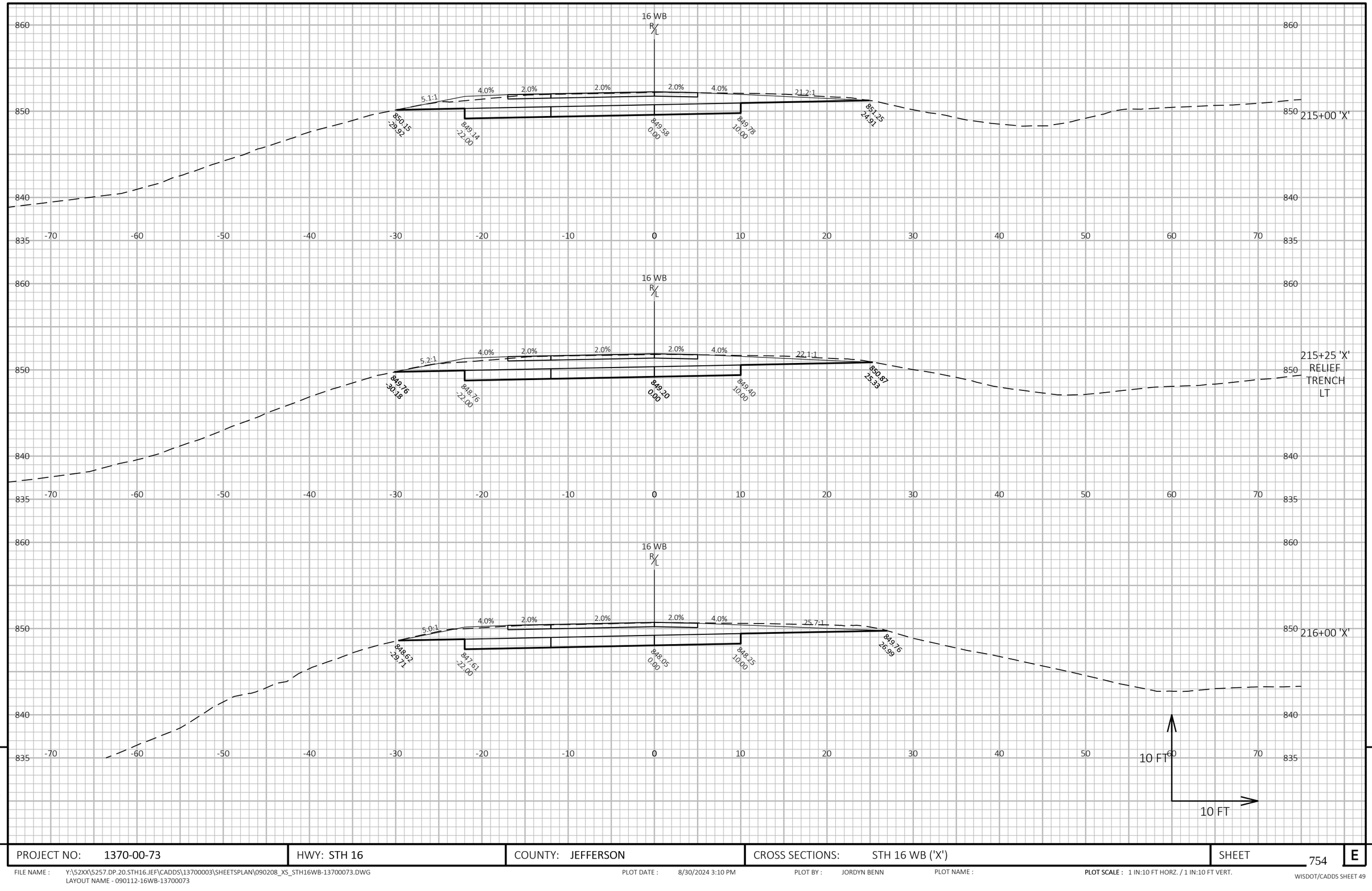
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 753	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090111-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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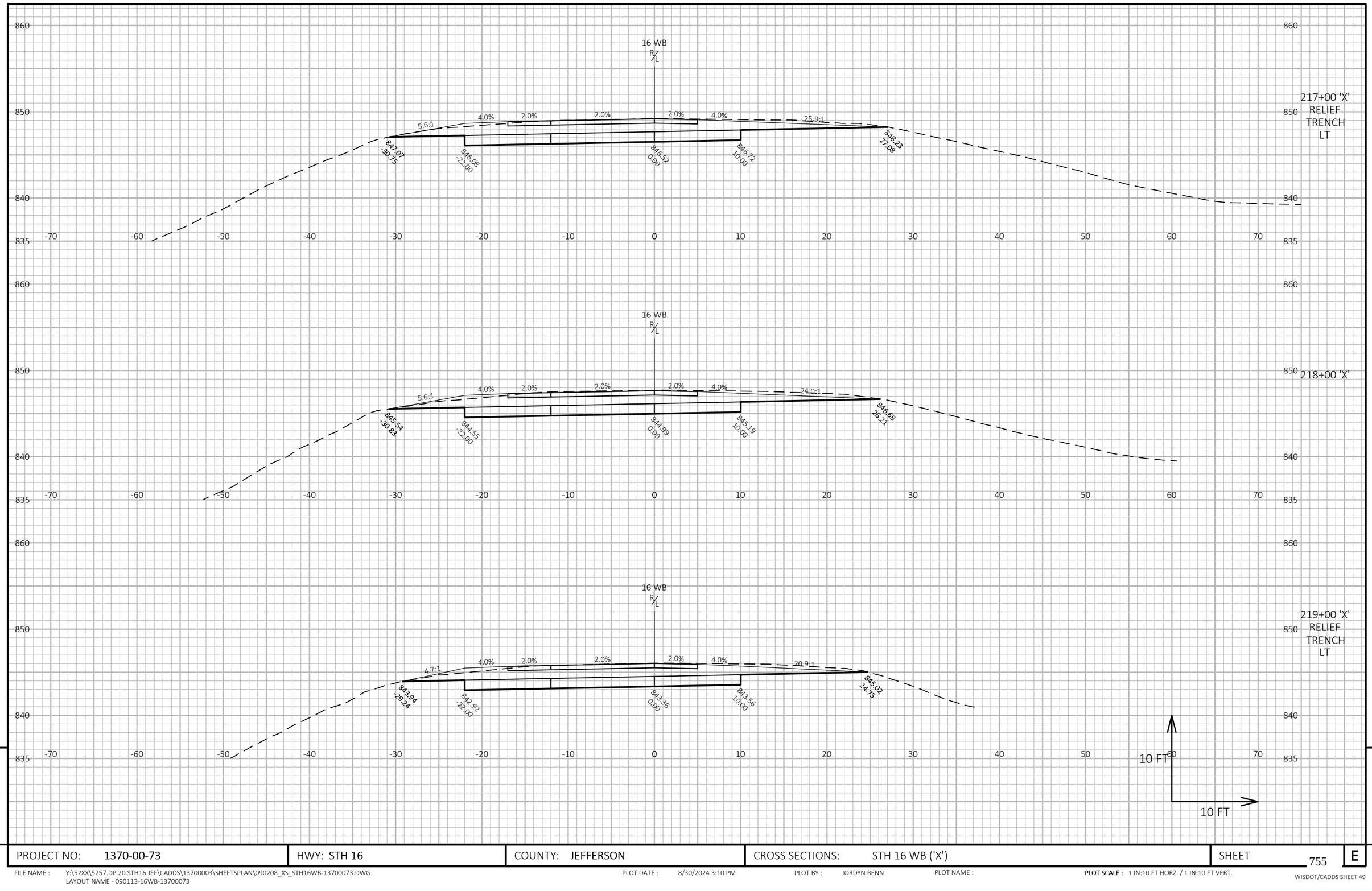
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 754	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090112-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

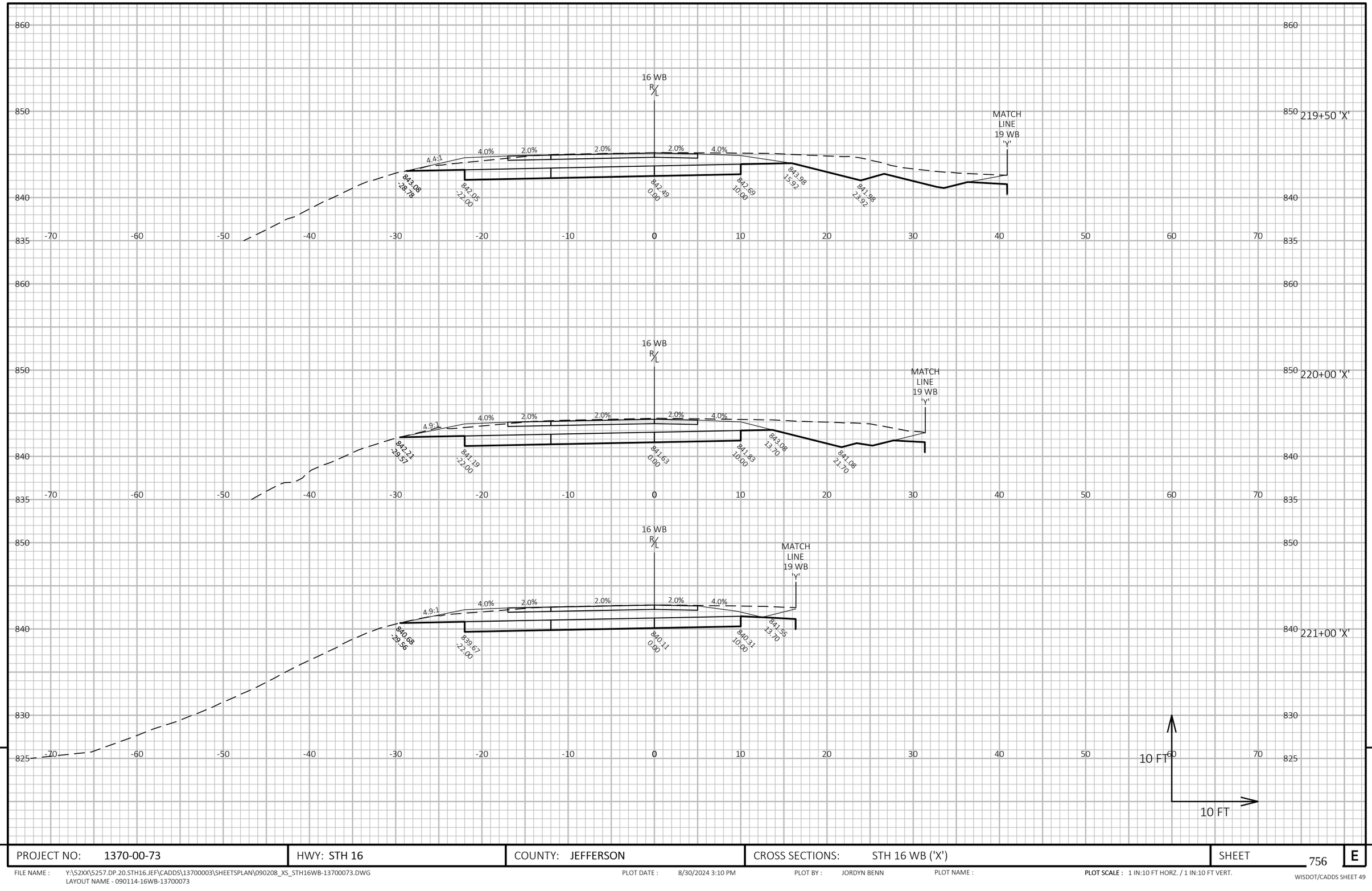


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 755	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090113-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

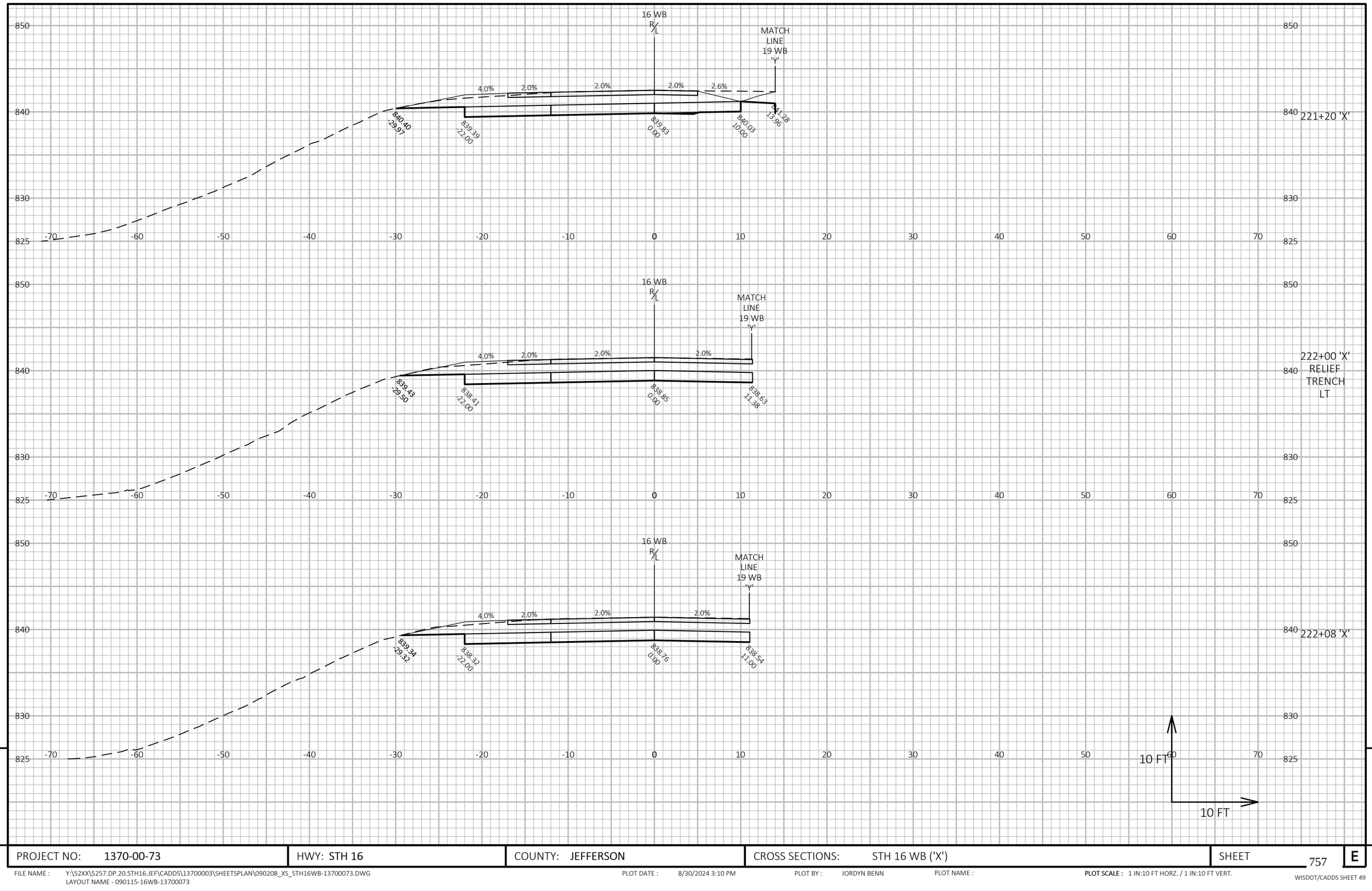


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 756	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090114-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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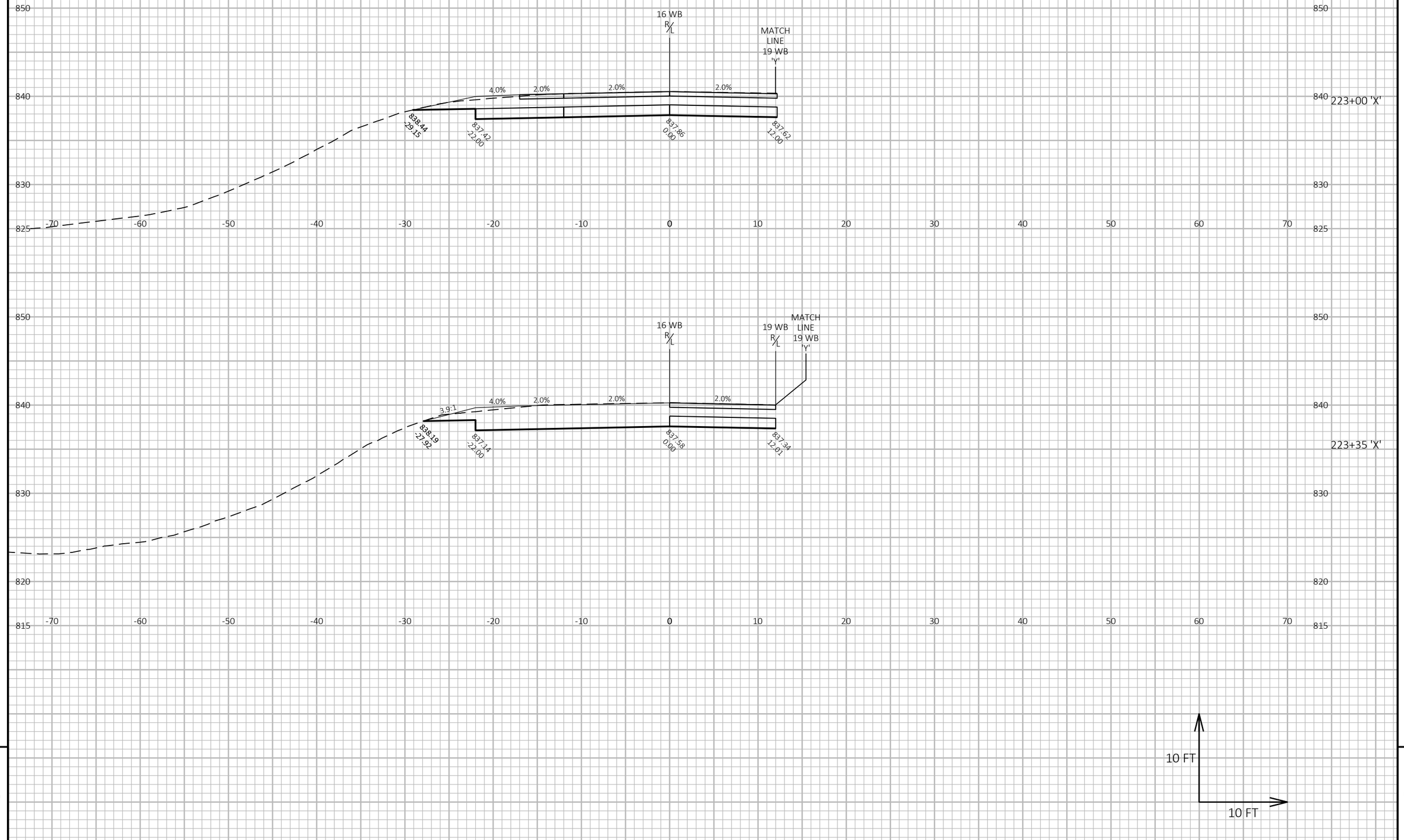
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 757	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090115-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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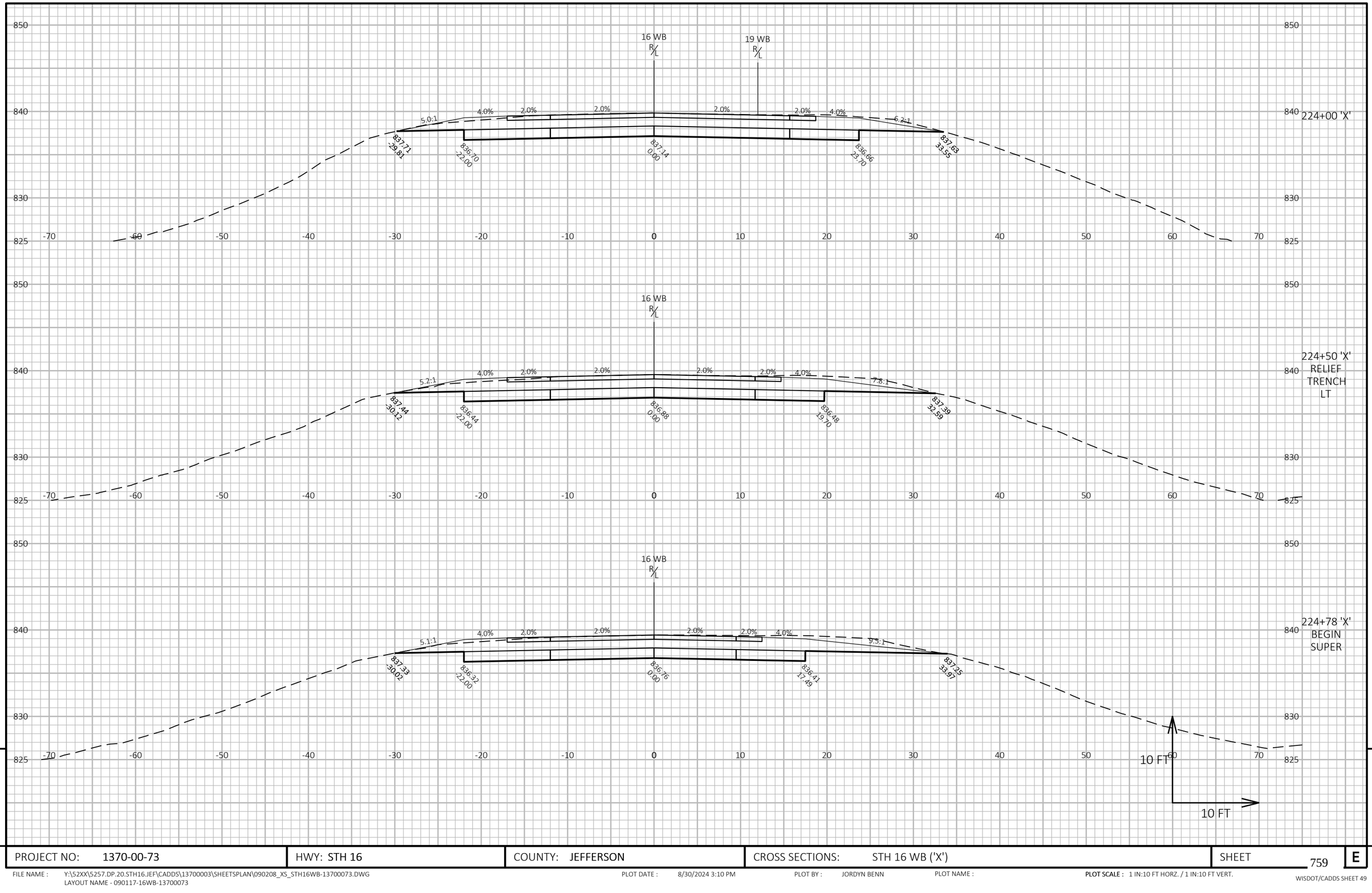
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 758	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090116-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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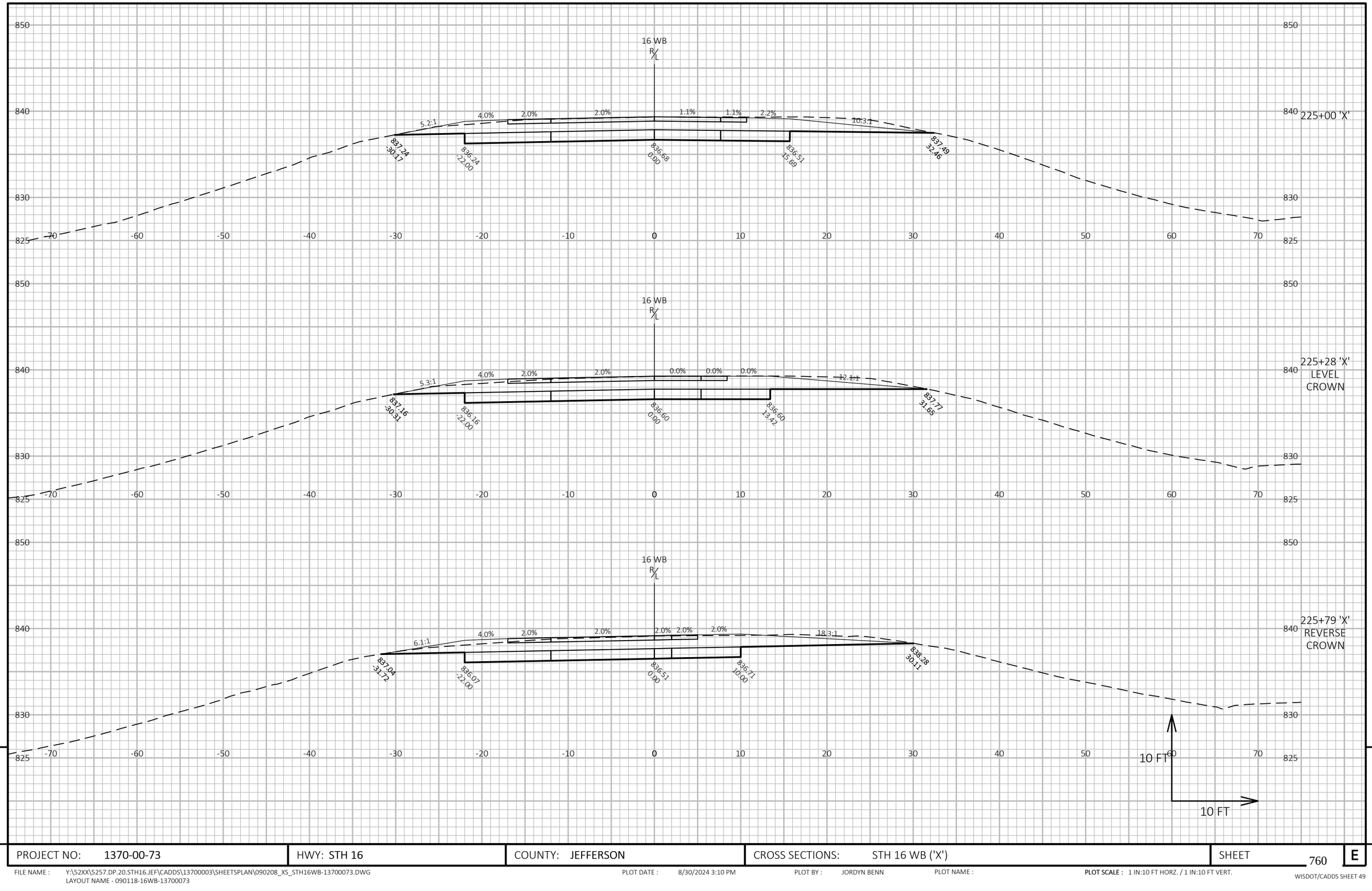
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 759	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090117-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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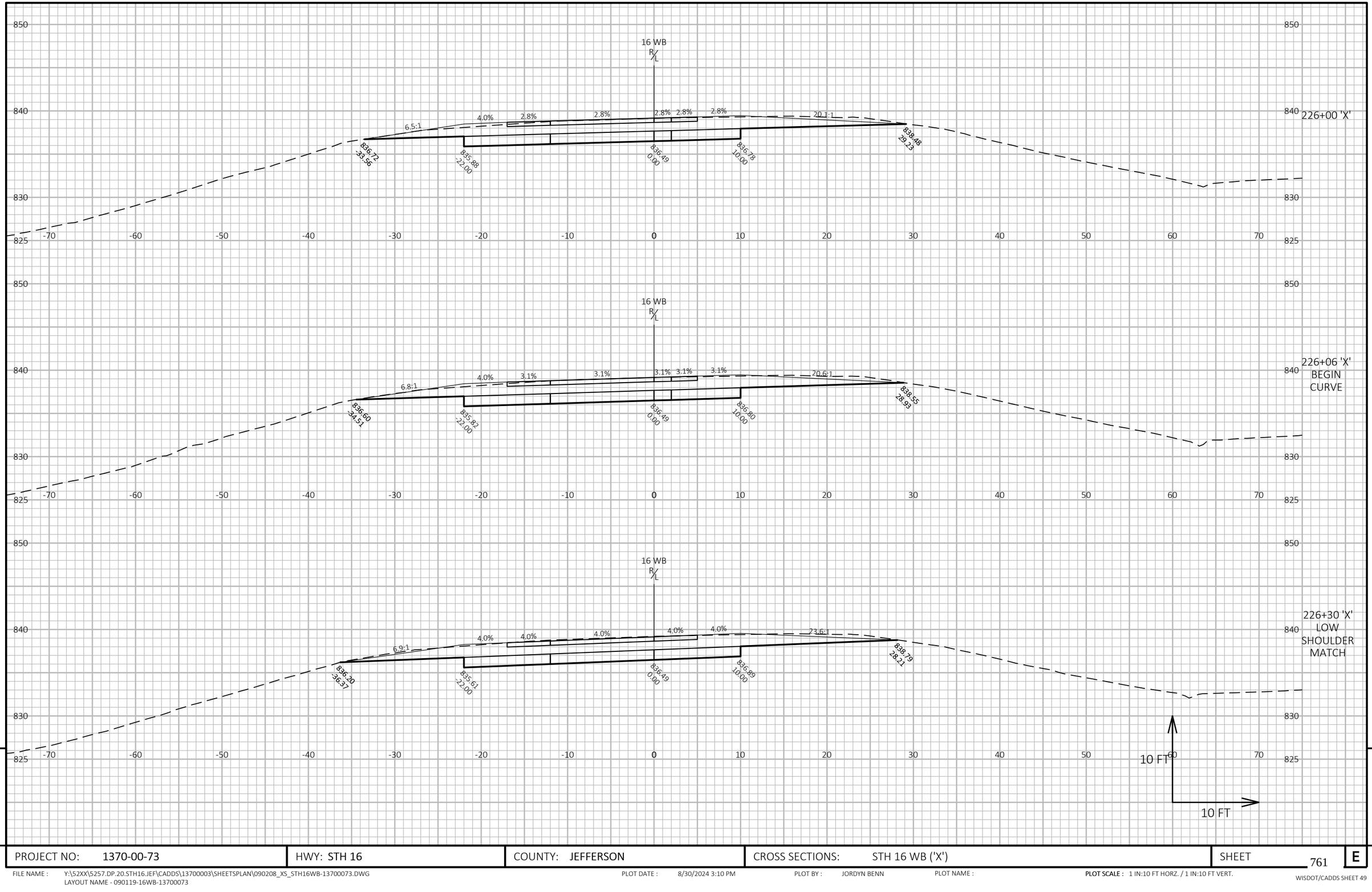
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 760	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090118-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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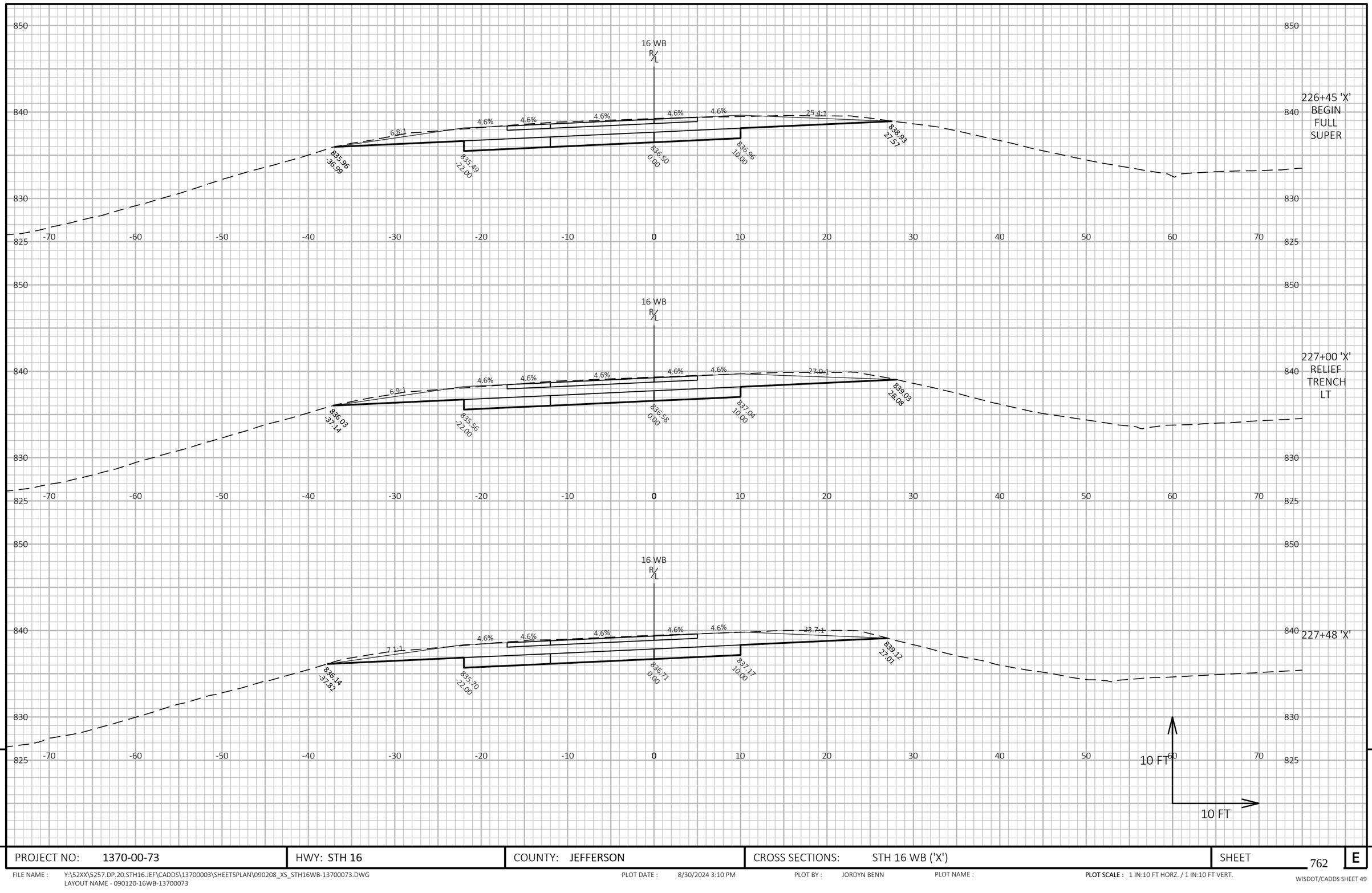
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 761	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090119-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

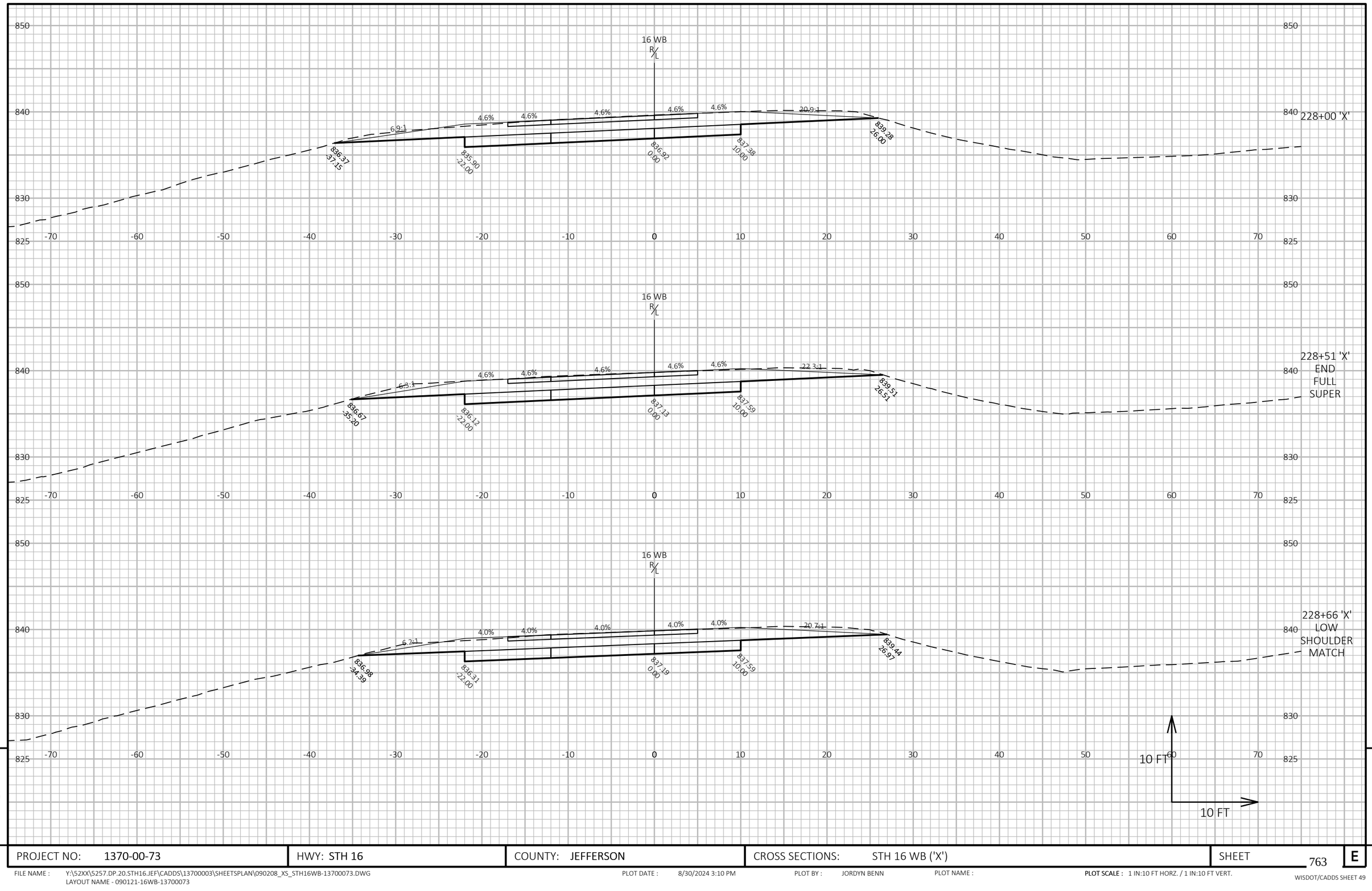
WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 762	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090120-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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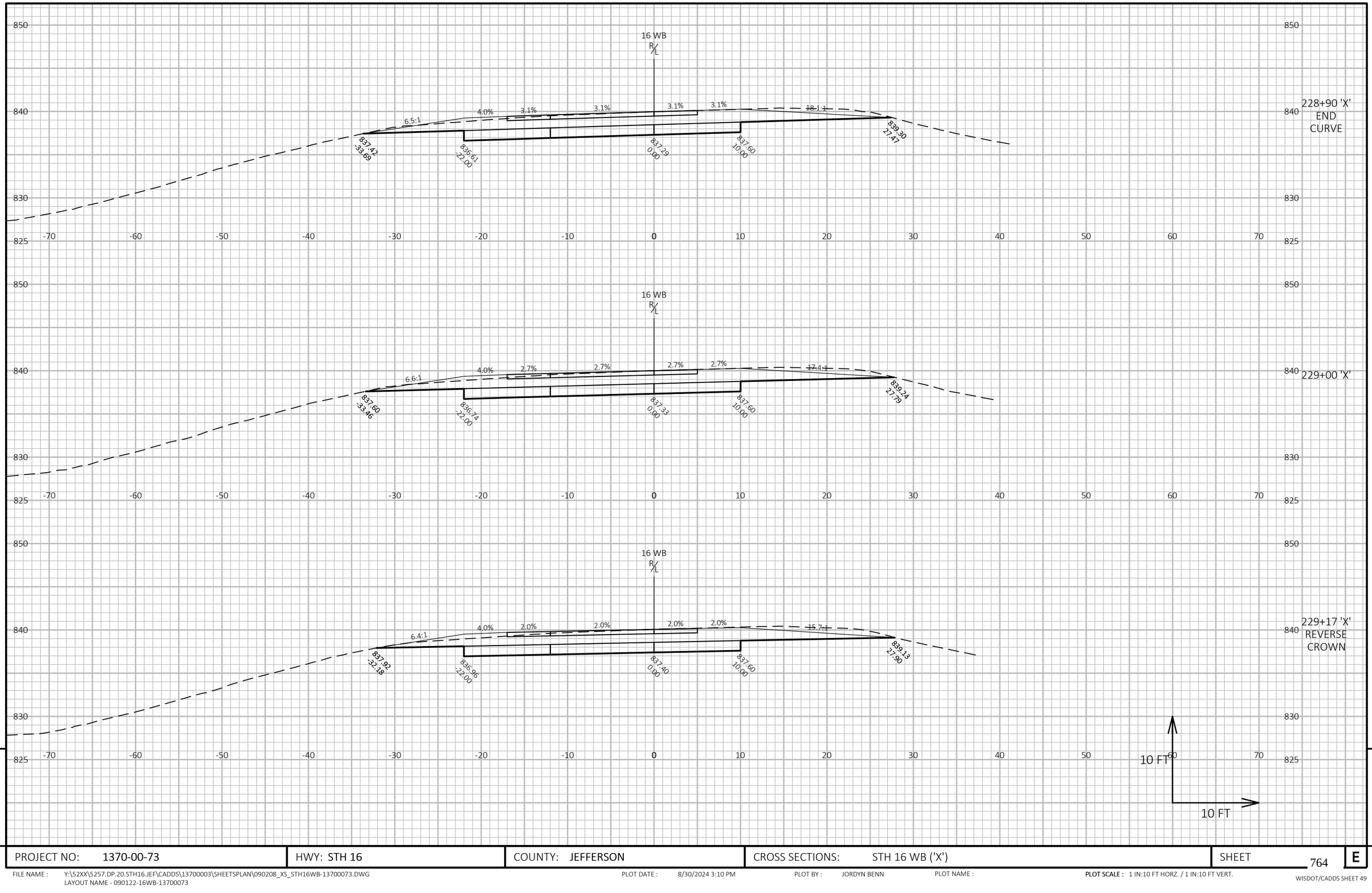
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 763	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090121-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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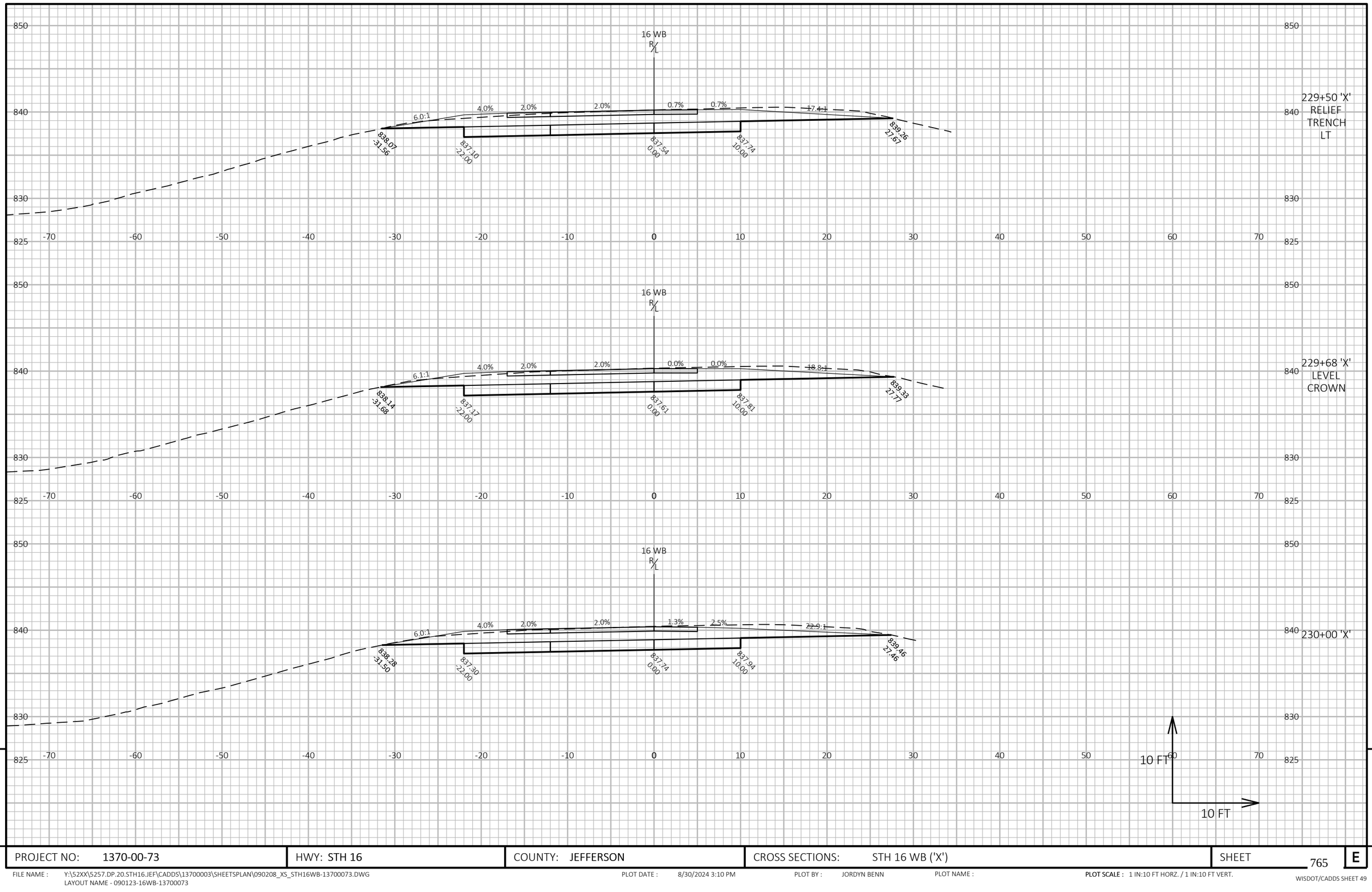
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 764	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090122-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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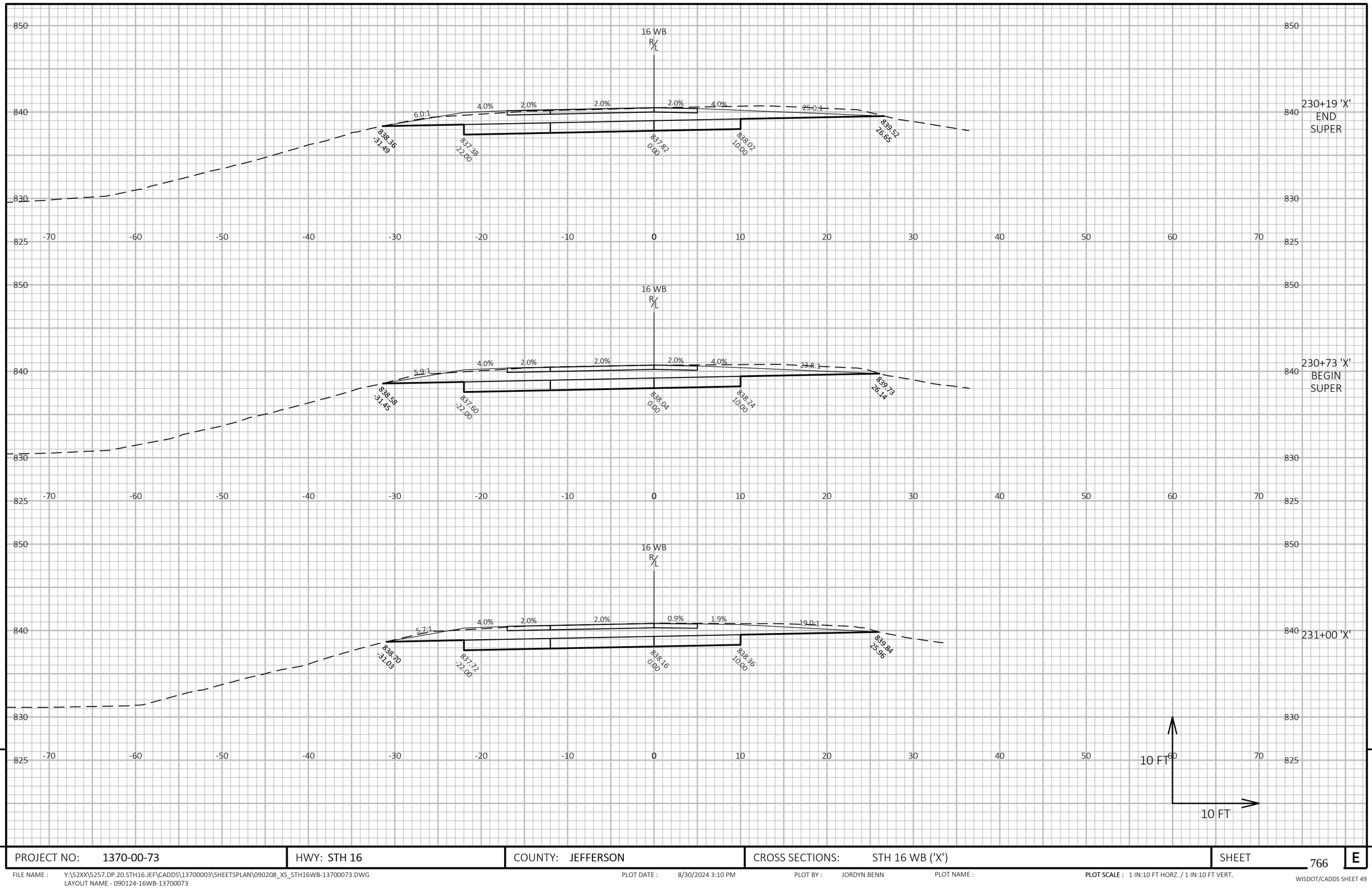
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 765	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090123-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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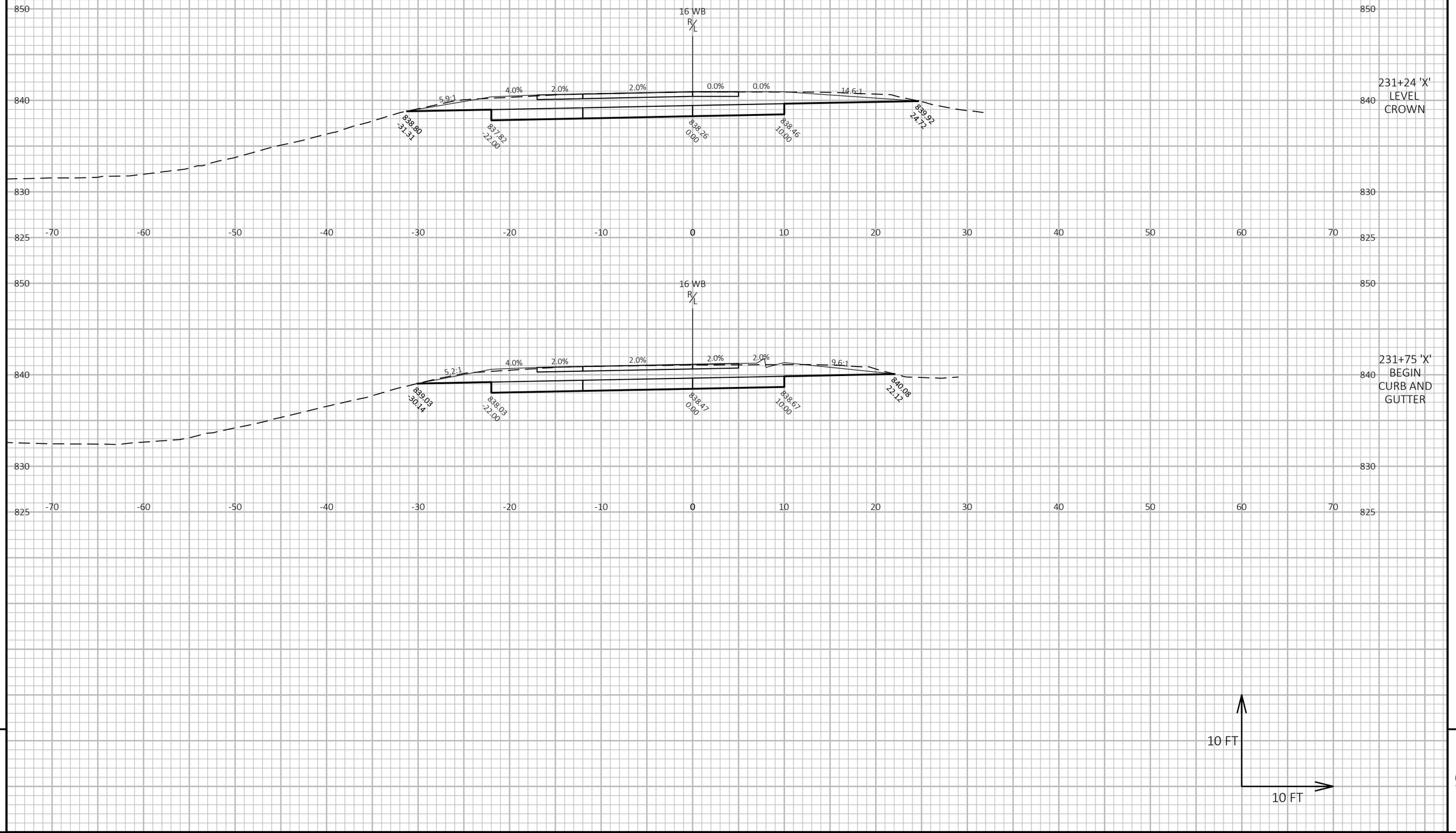
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 766	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090124-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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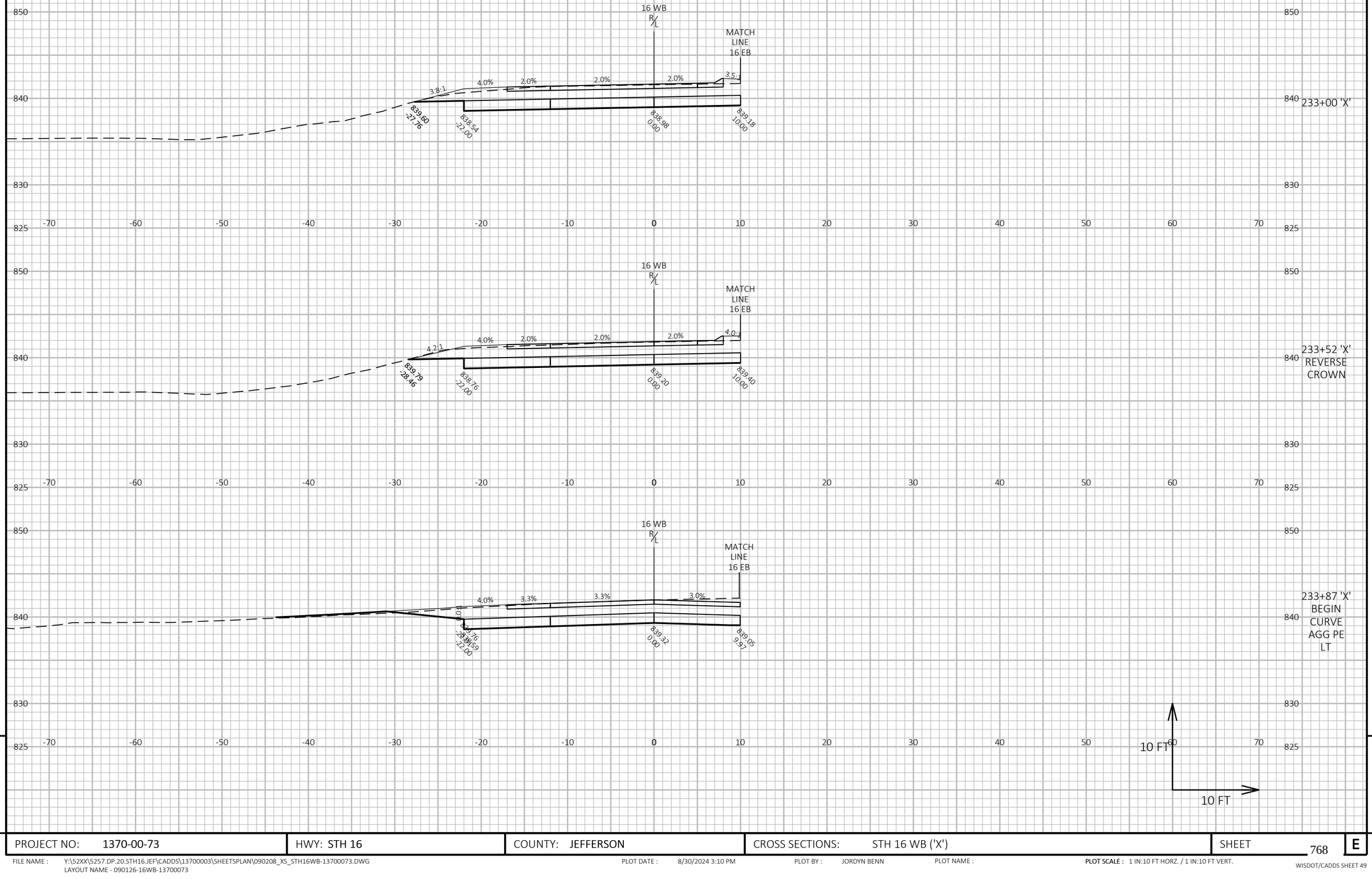
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 767	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090125-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

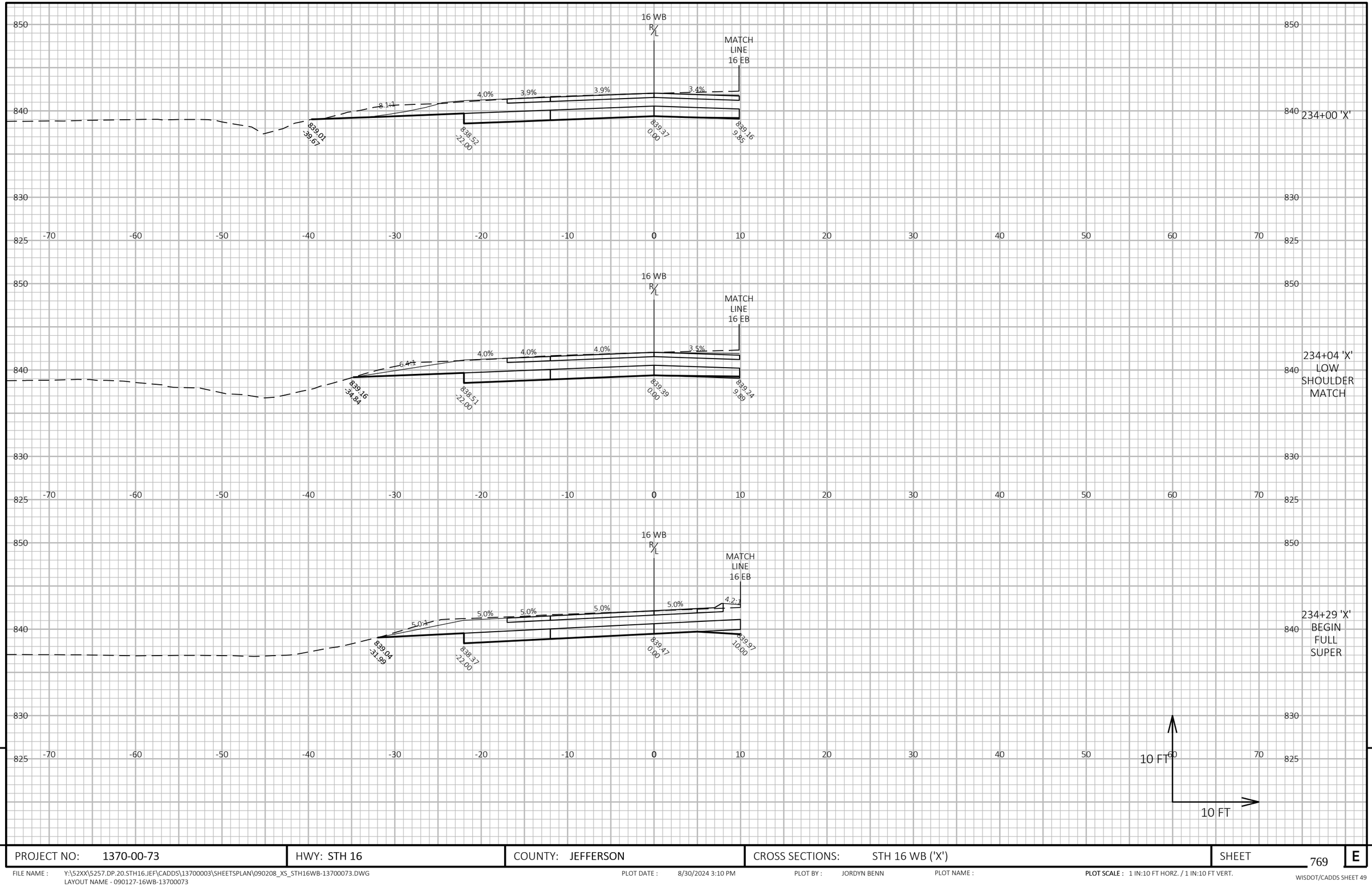


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 768	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090126-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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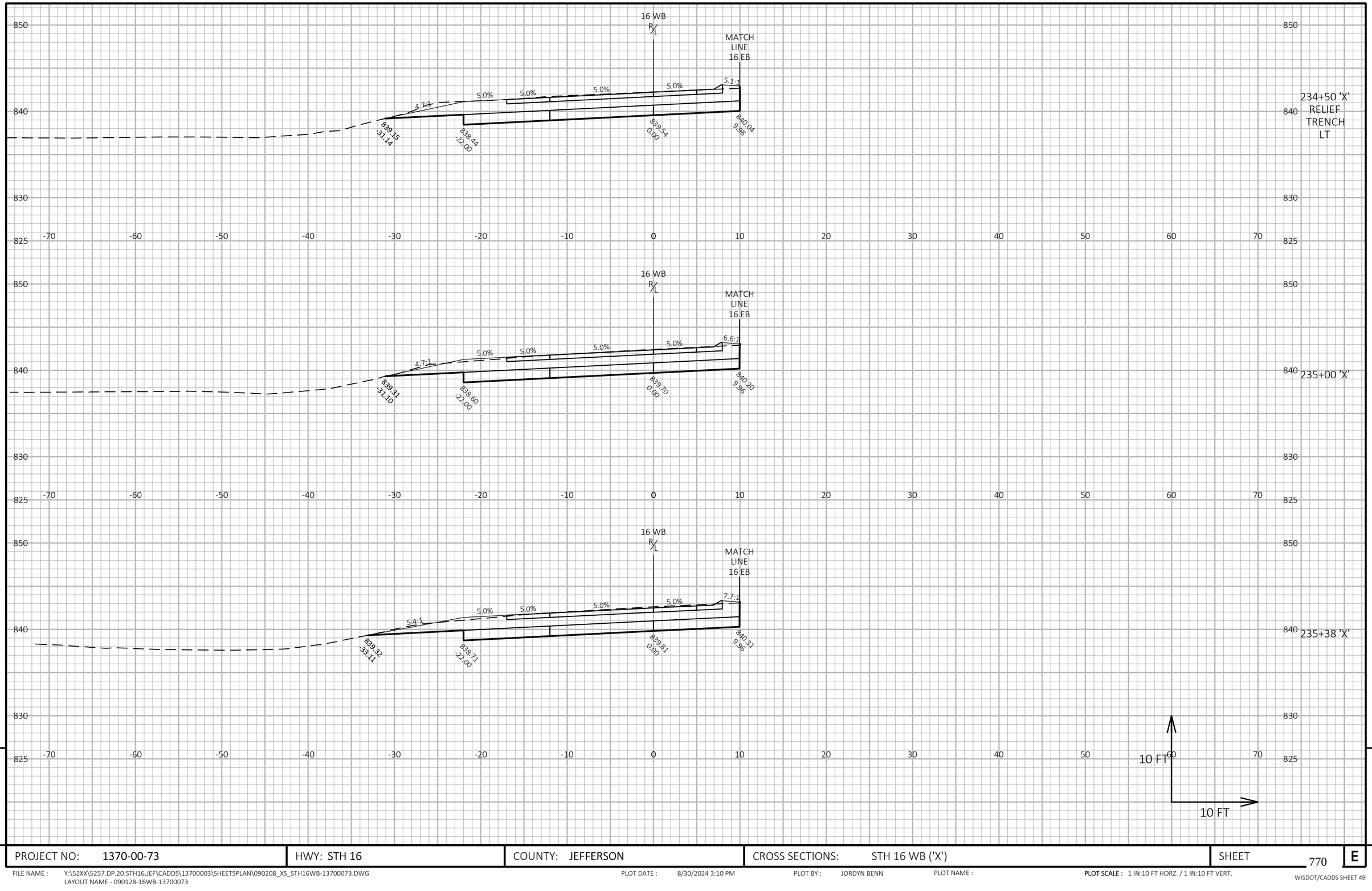
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 769	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090127-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

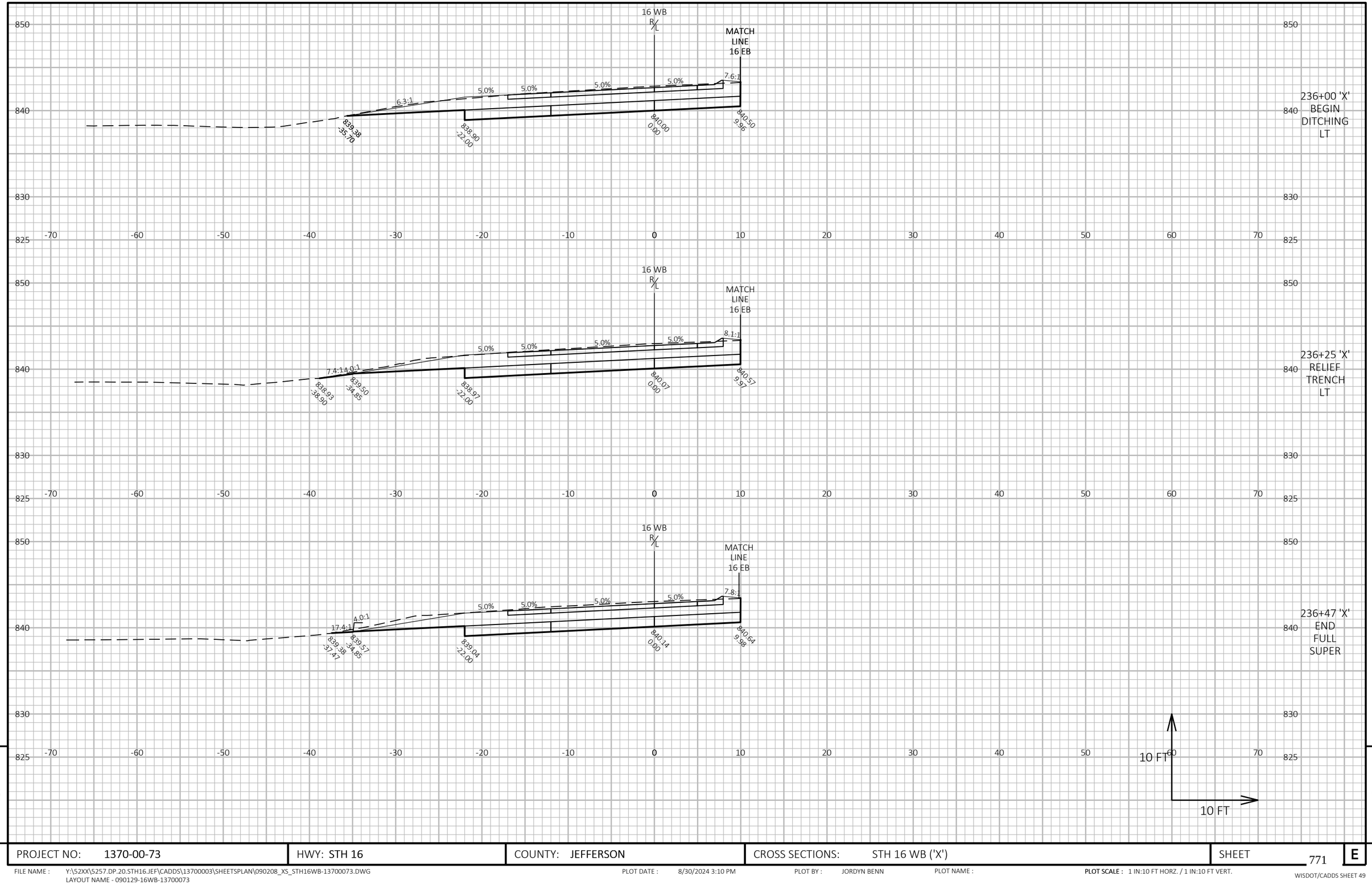


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 770	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090128-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

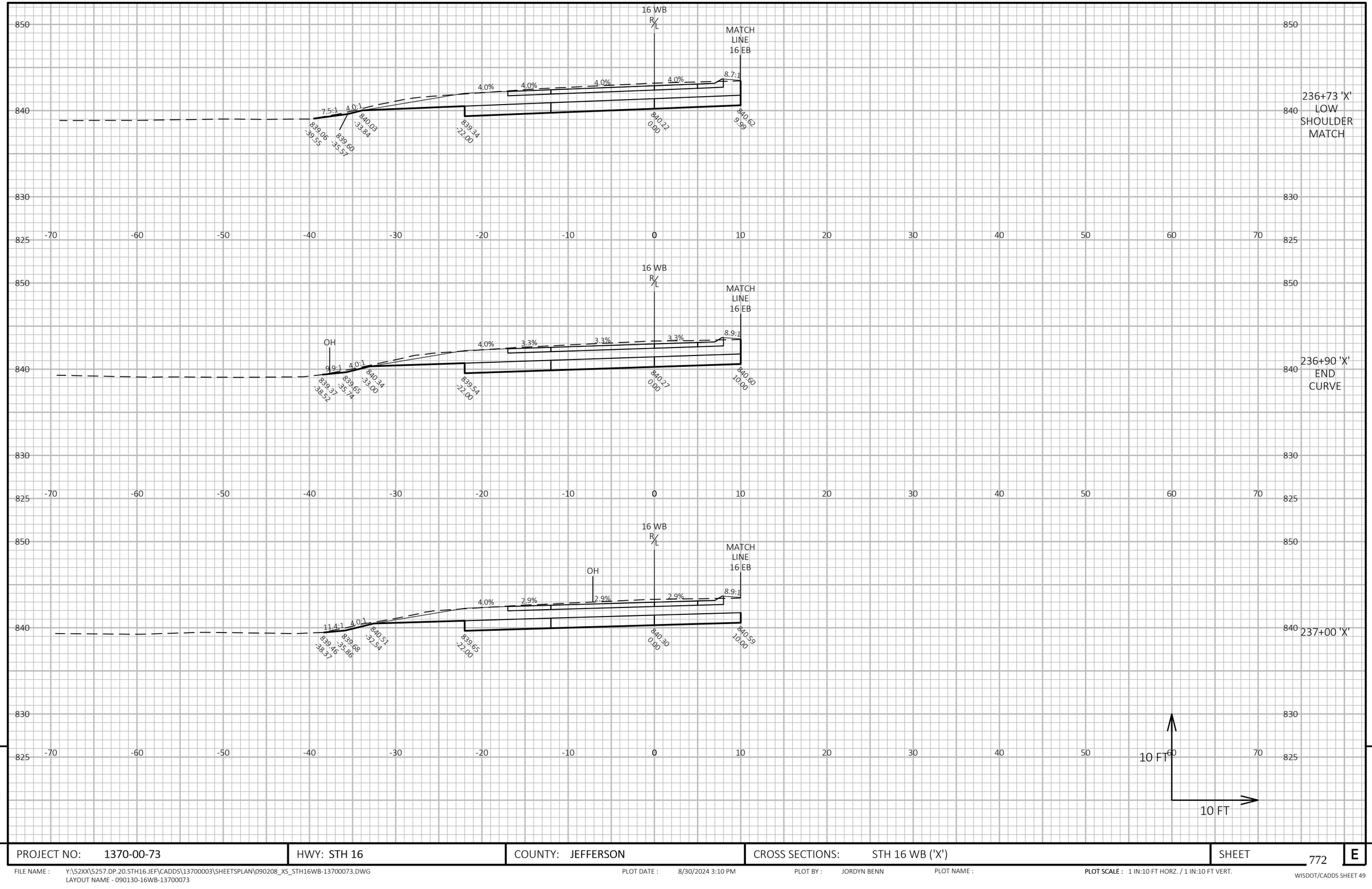


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 771 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090129-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

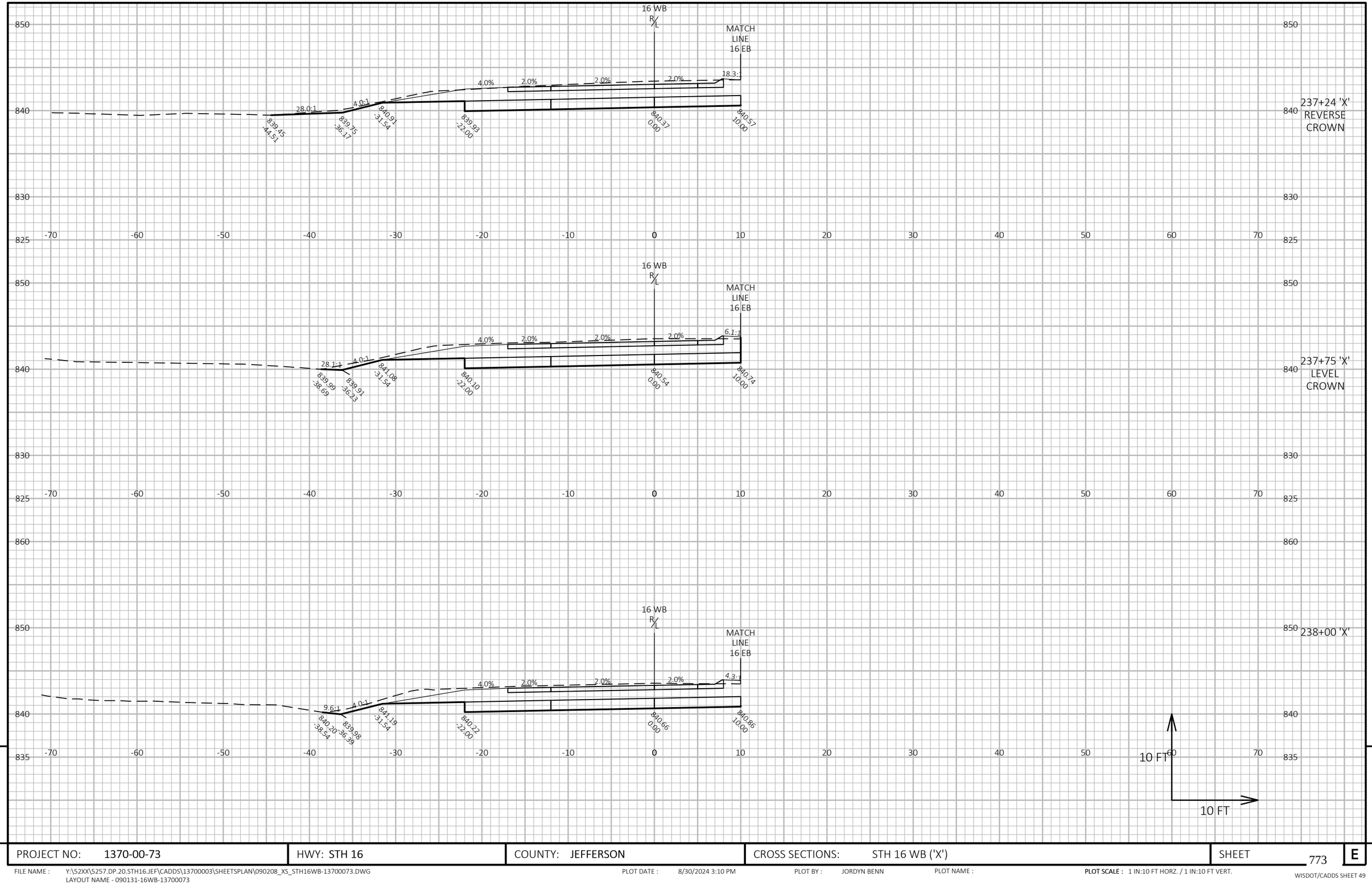


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 772 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090130-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 773	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090131-16WB-13700073

PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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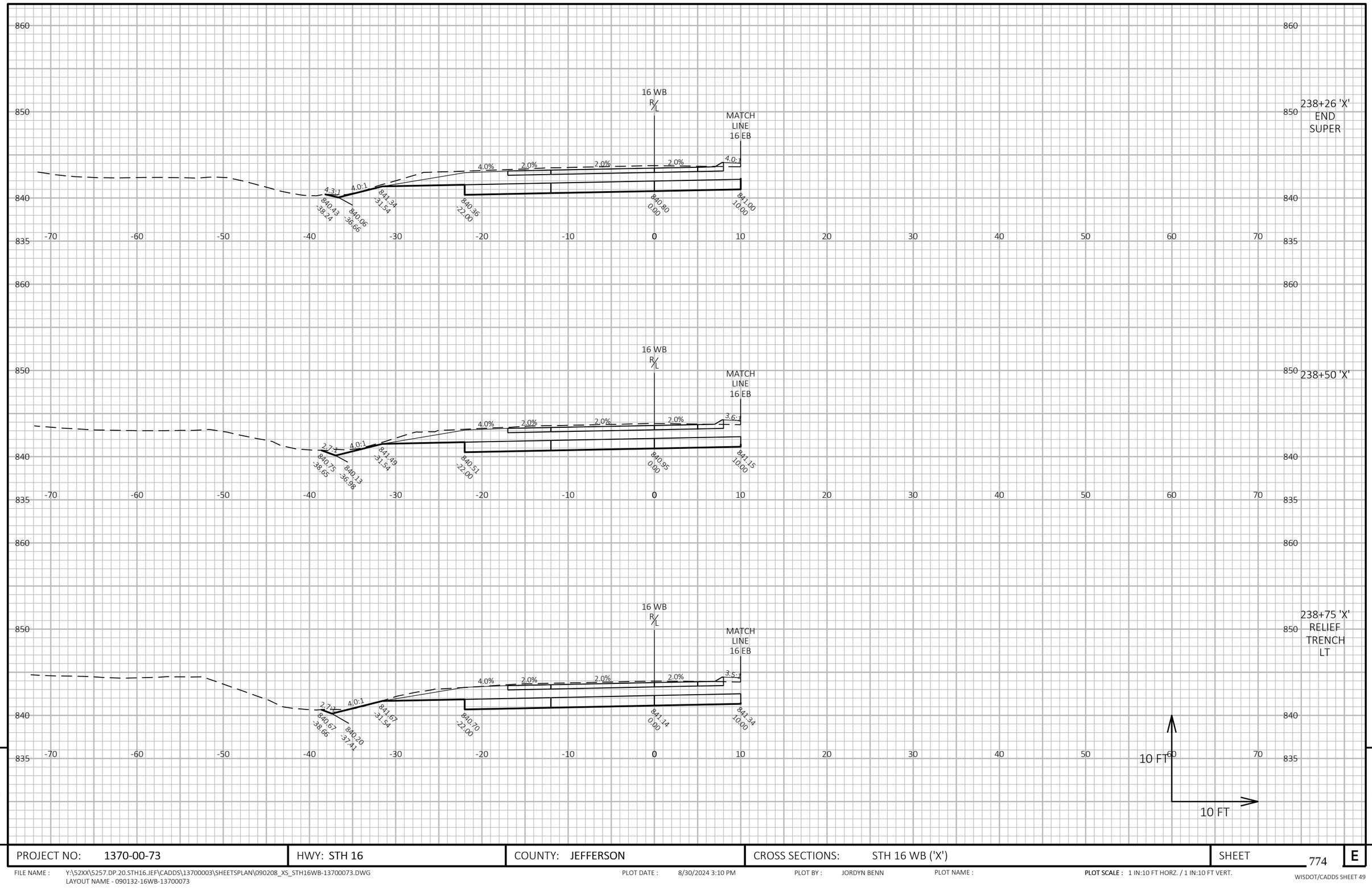
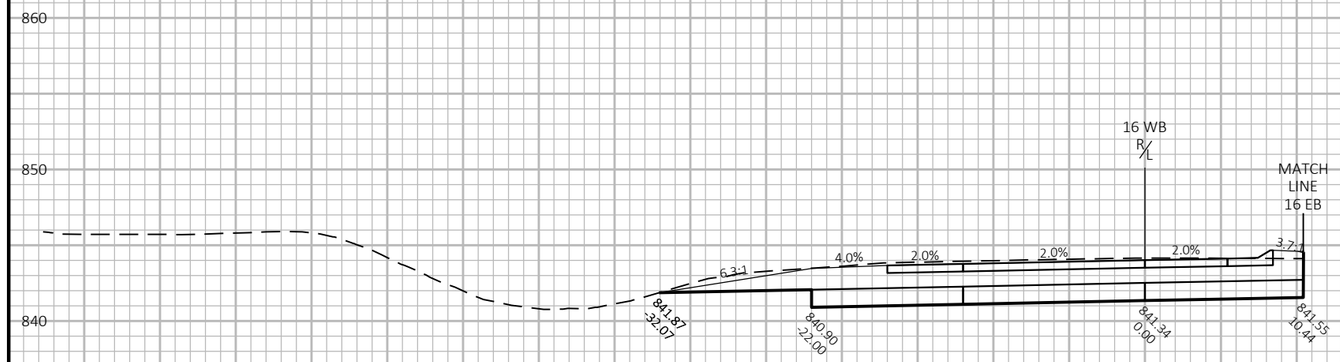


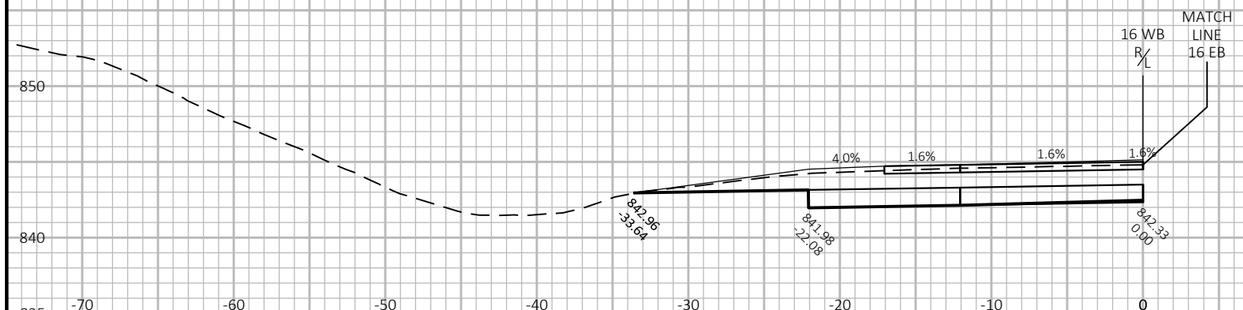
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 774	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090132-16WB-13700073

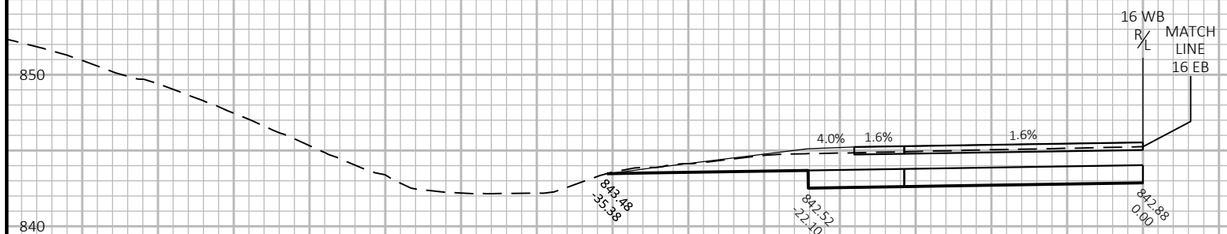
PLOT DATE : 8/30/2024 3:10 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



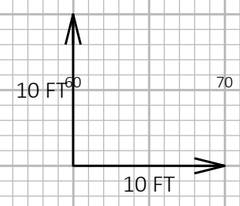
239+00 'X'
END
DITCHING
LT



240+00 'X'



240+89 'X'

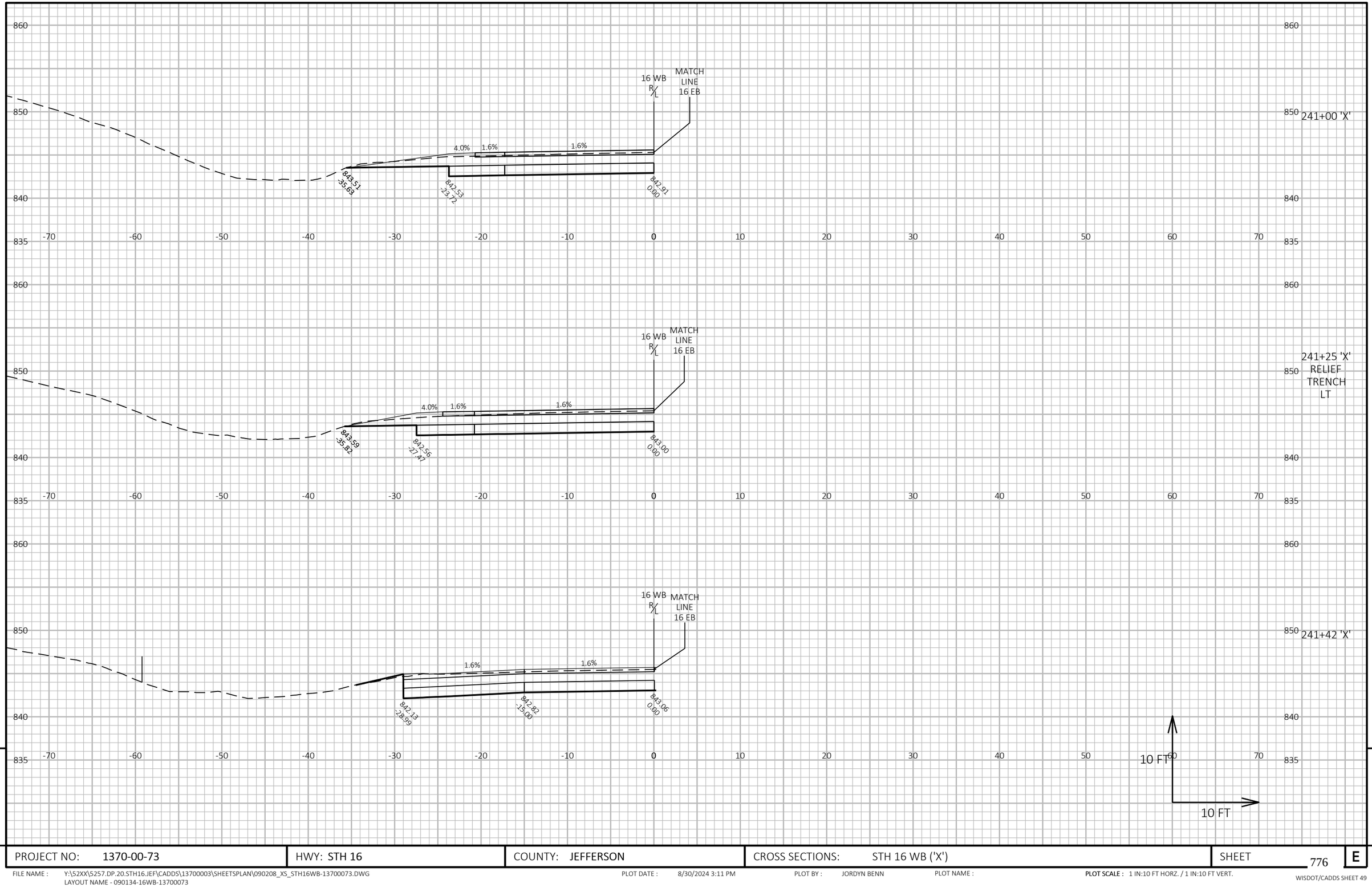


9 9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 775	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090133-16WB-13700073

PLOT DATE : 8/30/2024 3:11 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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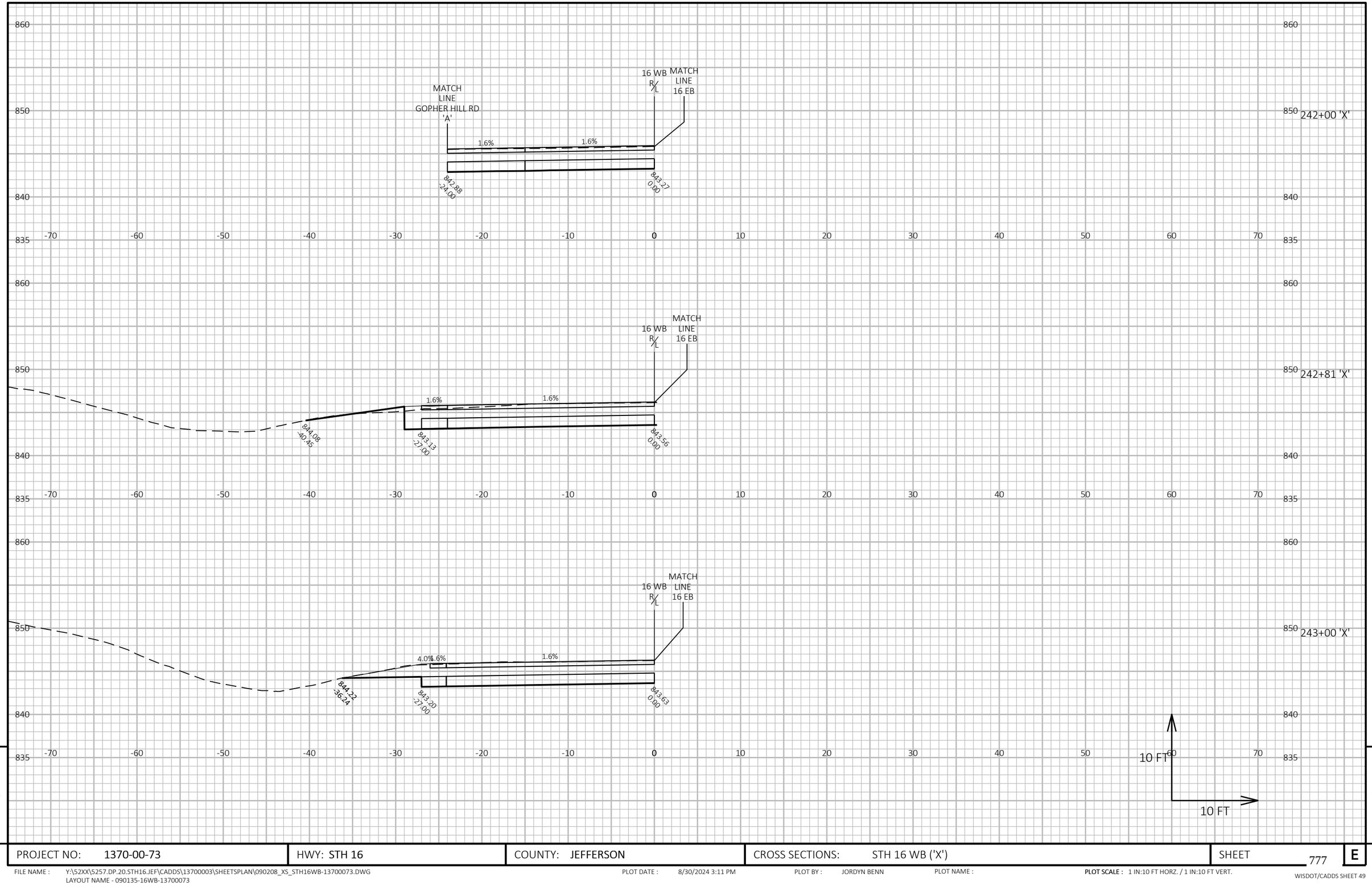
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 776	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090134-16WB-13700073

PLOT DATE : 8/30/2024 3:11 PM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

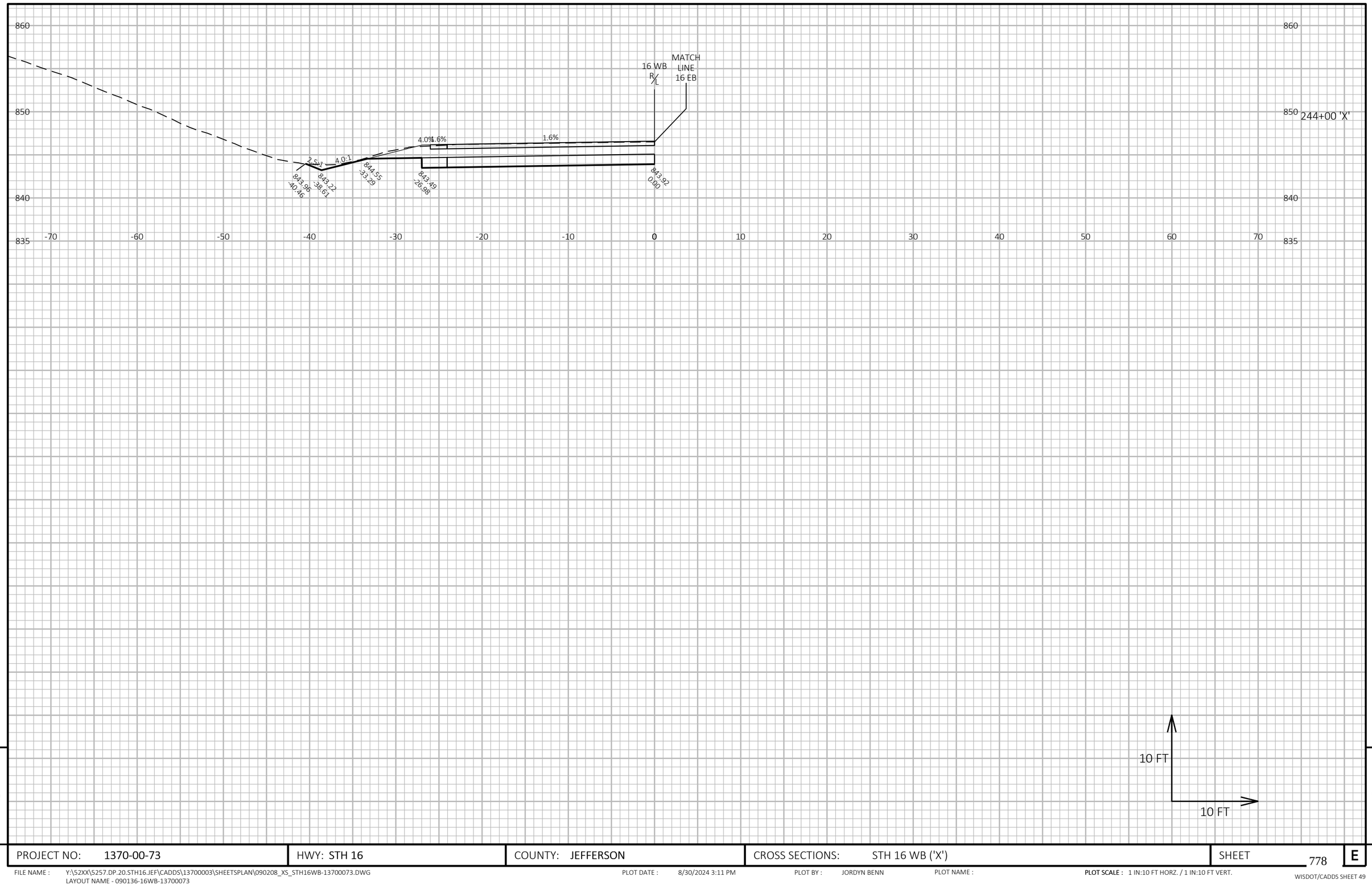


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 777	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090135-16WB-13700073

PLOT DATE : 8/30/2024 3:11 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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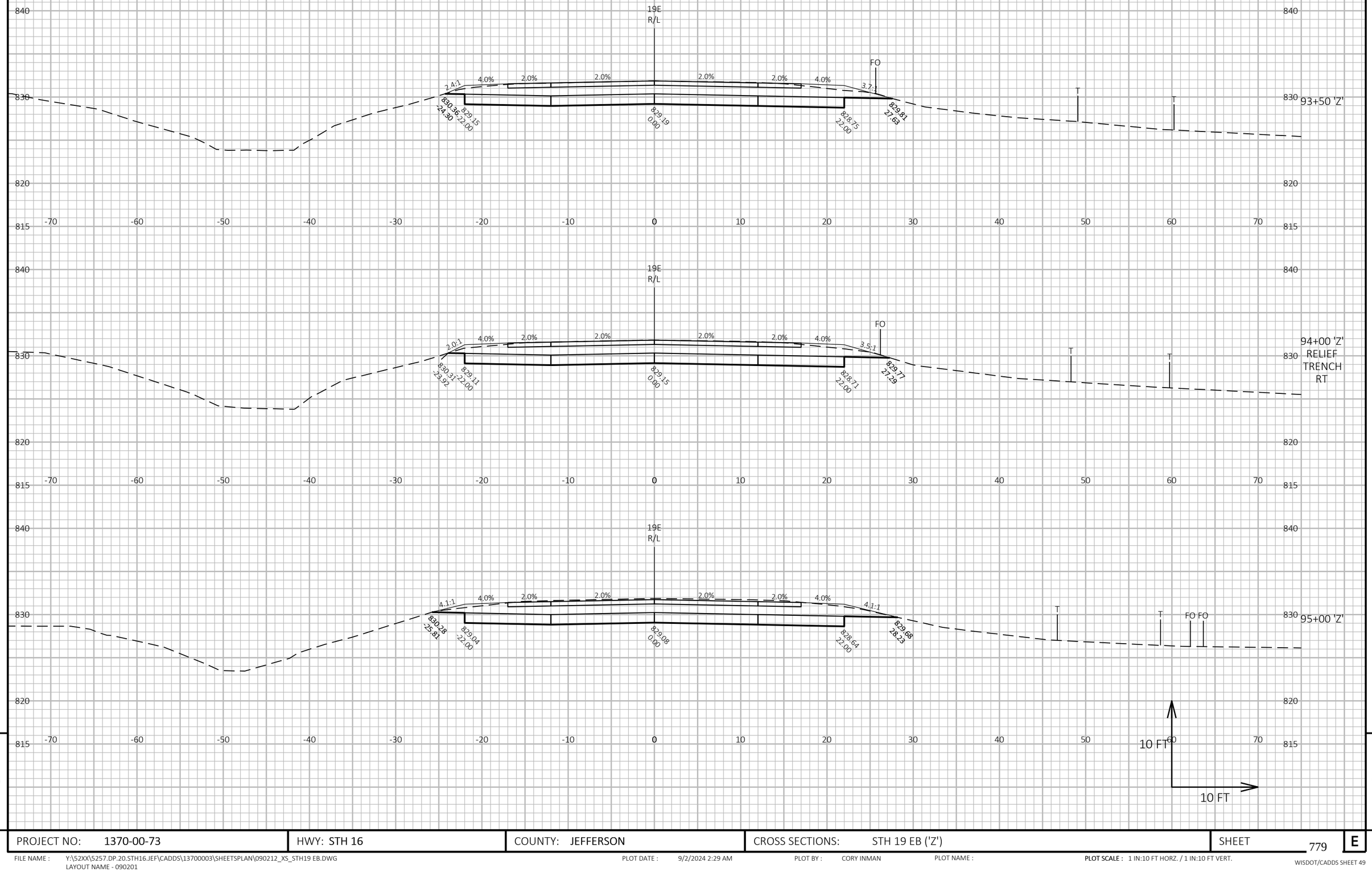
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 16 WB ('X')	SHEET 778	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090208_XS_STH16WB-13700073.DWG
LAYOUT NAME - 090136-16WB-13700073

PLOT DATE : 8/30/2024 3:11 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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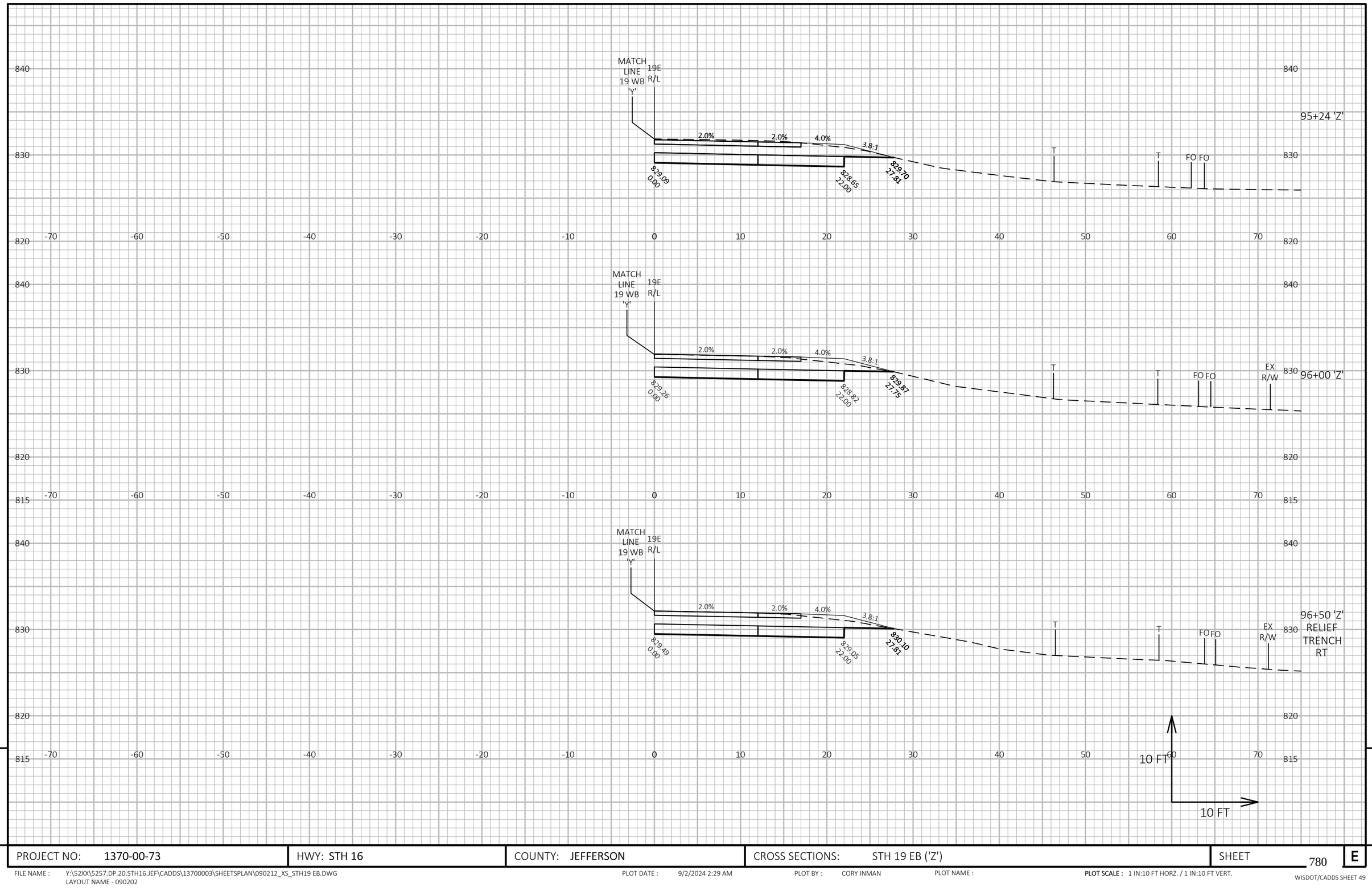
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 EB ('Z')	SHEET 779	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090212_XS_STH19 EB.DWG
LAYOUT NAME - 090201

PLOT DATE : 9/2/2024 2:29 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

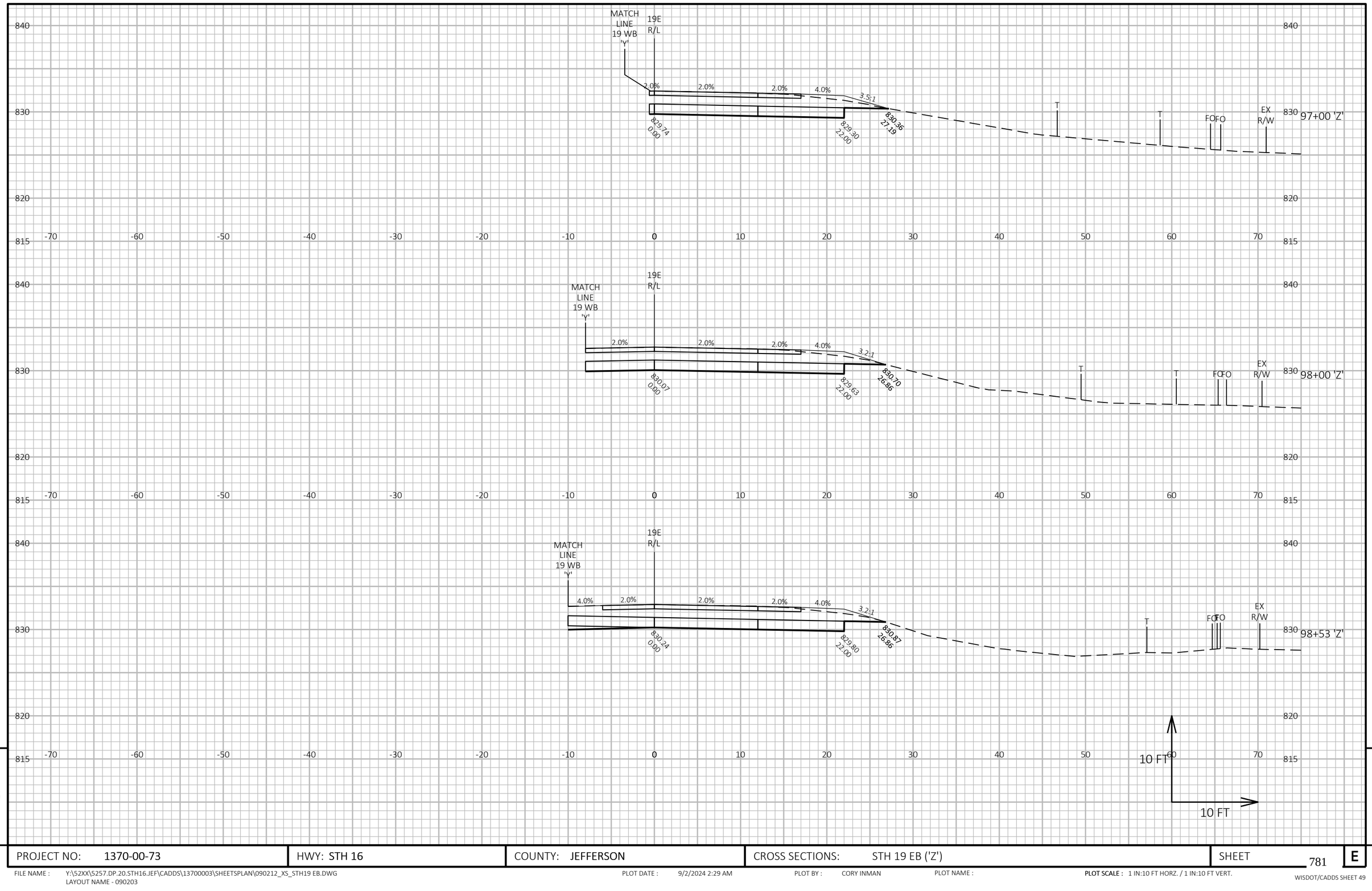


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 EB ('Z')	SHEET 780	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090212_XS_STH19 EB.DWG
LAYOUT NAME - 090202

PLOT DATE : 9/2/2024 2:29 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

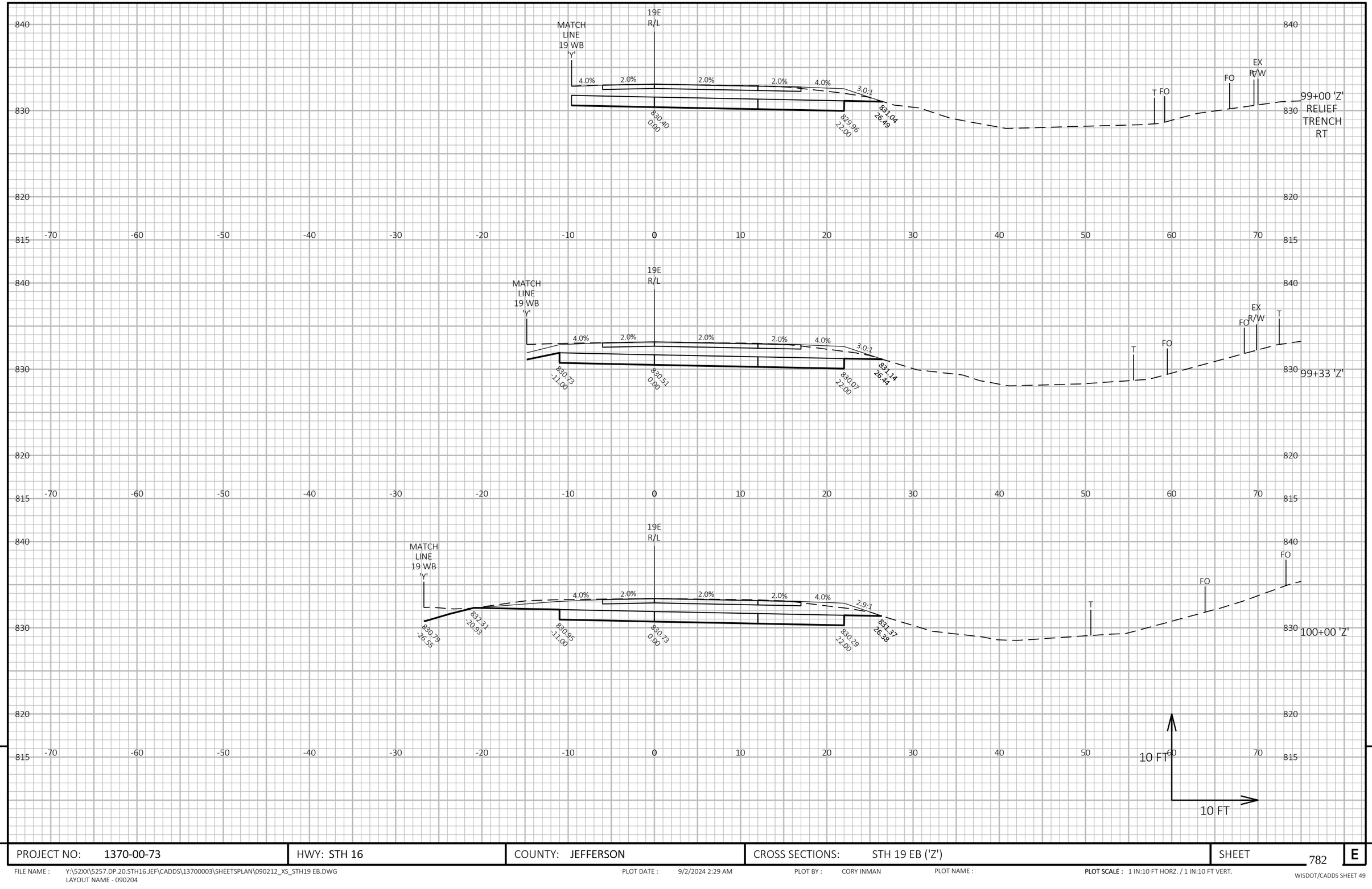


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 EB ('Z')	SHEET 781	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090212_XS_STH19 EB.DWG
LAYOUT NAME - 090203

PLOT DATE : 9/2/2024 2:29 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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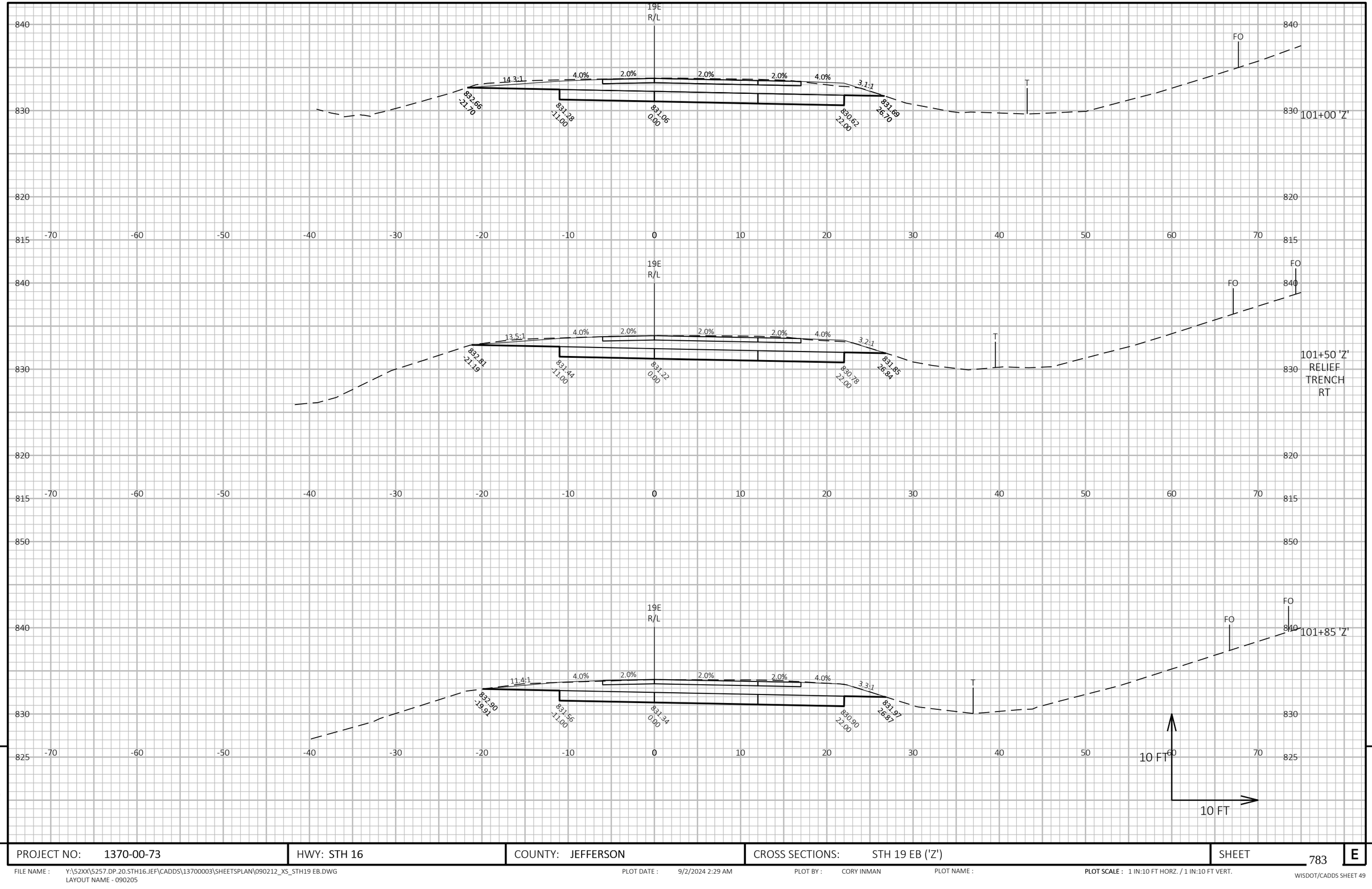
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 EB ('Z')	SHEET 782	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090212_XS_STH19 EB.DWG
LAYOUT NAME - 090204

PLOT DATE : 9/2/2024 2:29 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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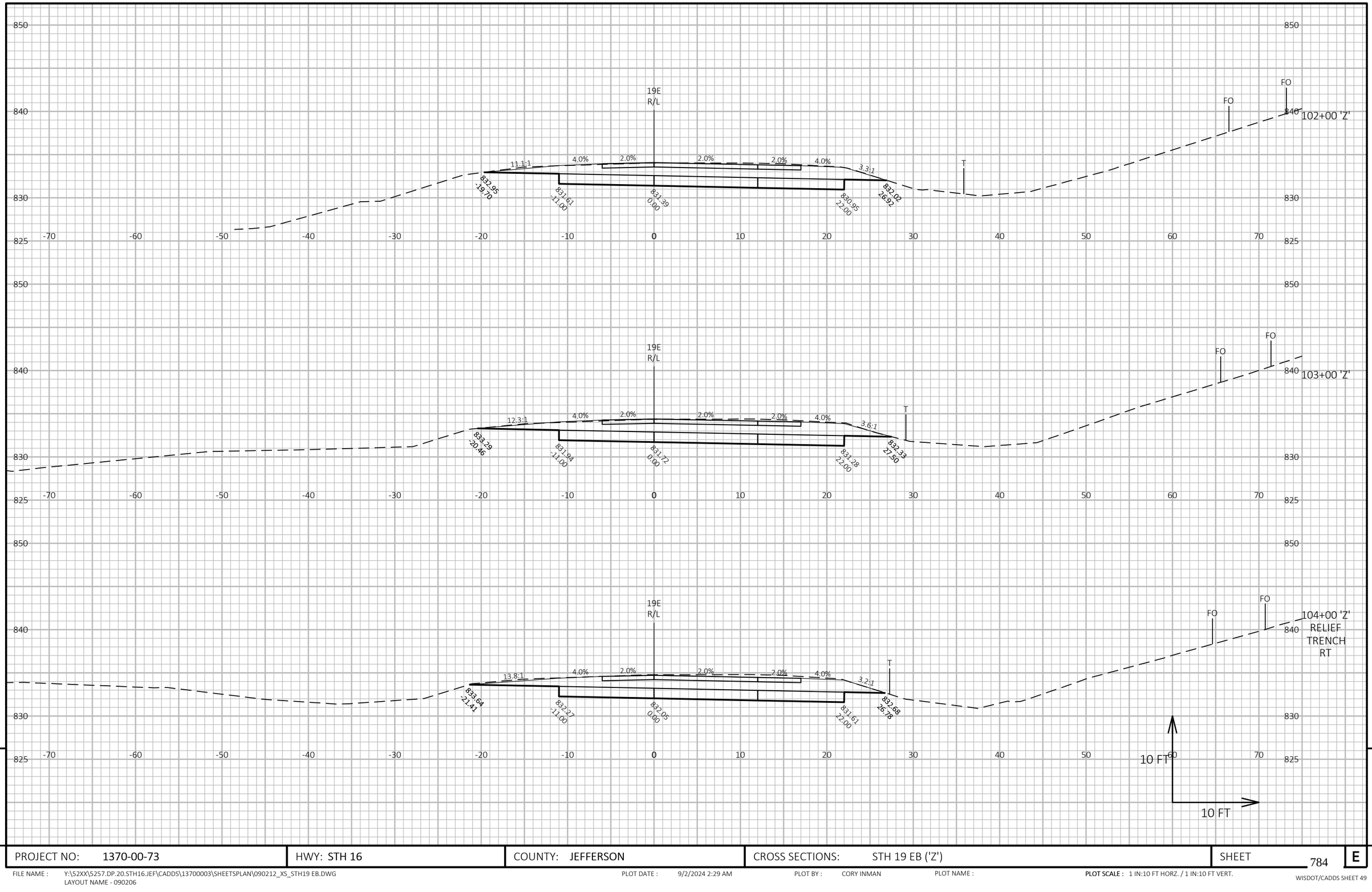
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 EB ('Z')	SHEET 783	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090212_XS_STH19 EB.DWG
LAYOUT NAME - 090205

PLOT DATE : 9/2/2024 2:29 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 EB ('Z')	SHEET 784	E

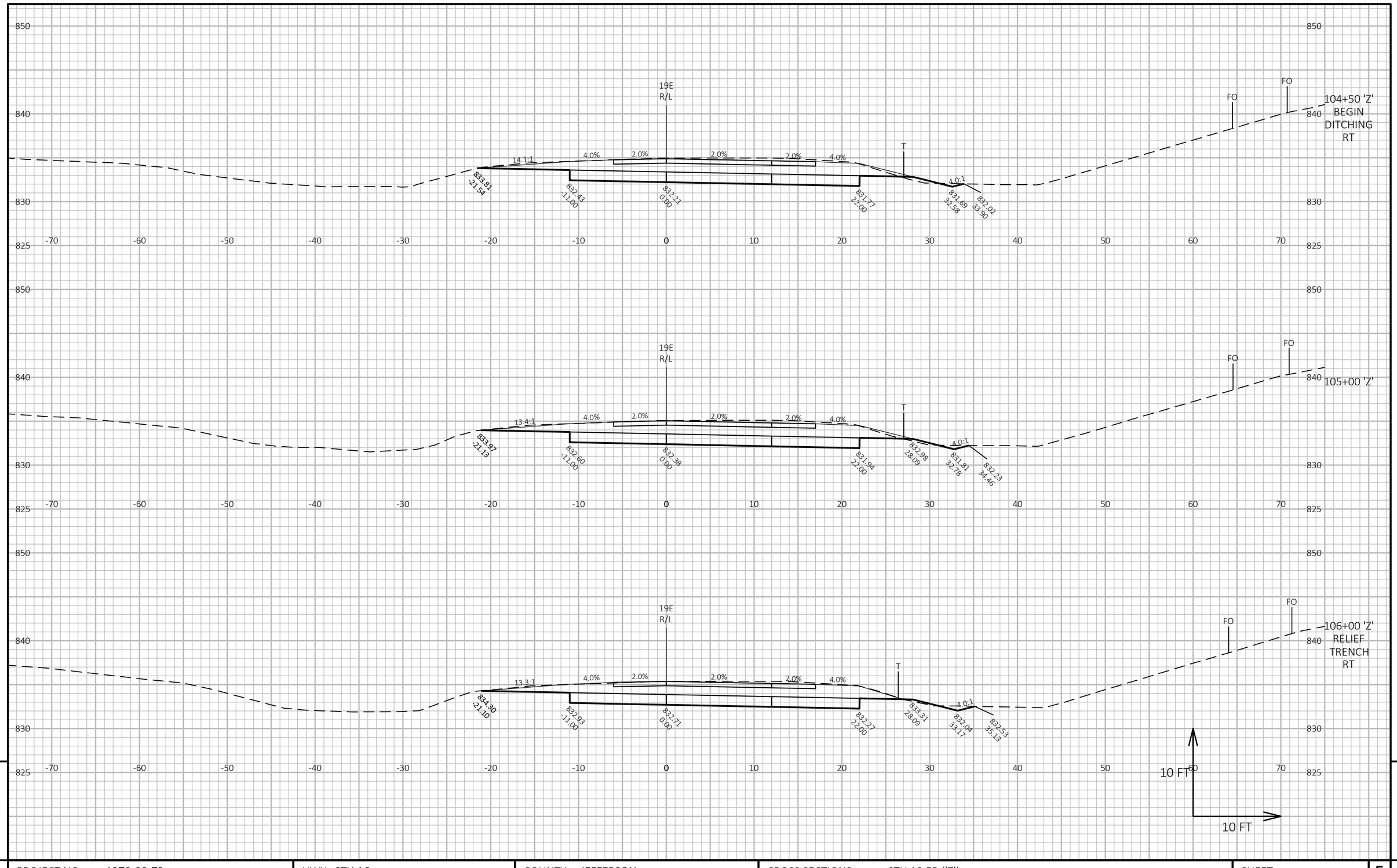
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090212_XS_STH19 EB.DWG
LAYOUT NAME - 090206

PLOT DATE : 9/2/2024 2:29 AM

PLOT BY : CORY INMAN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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9

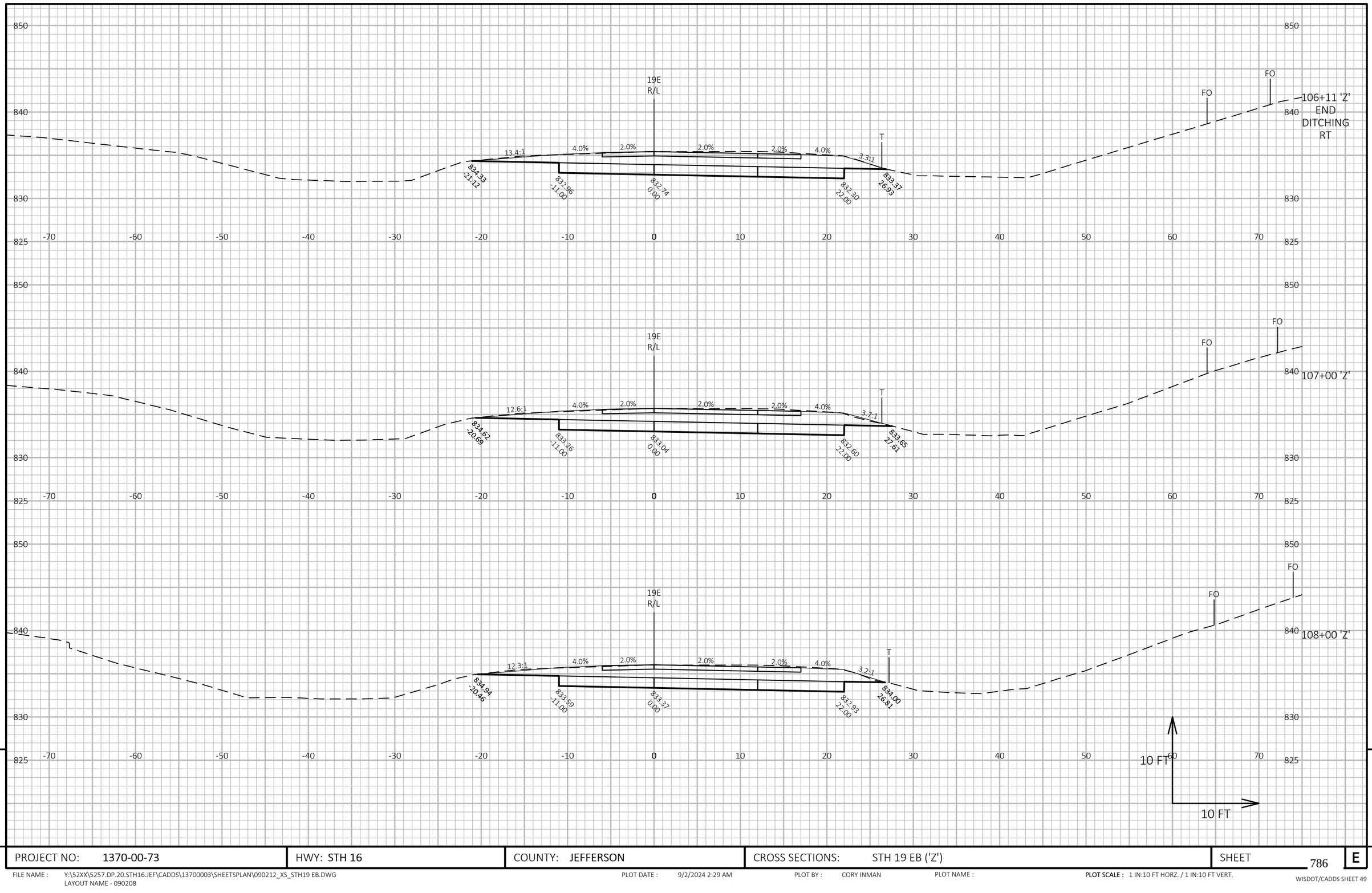
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 EB ('Z')	SHEET 785	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090212_XS_STH19 EB.DWG
LAYOUT NAME - 090207

PLOT DATE : 9/2/2024 2:29 AM PLOT BY : CORY INMAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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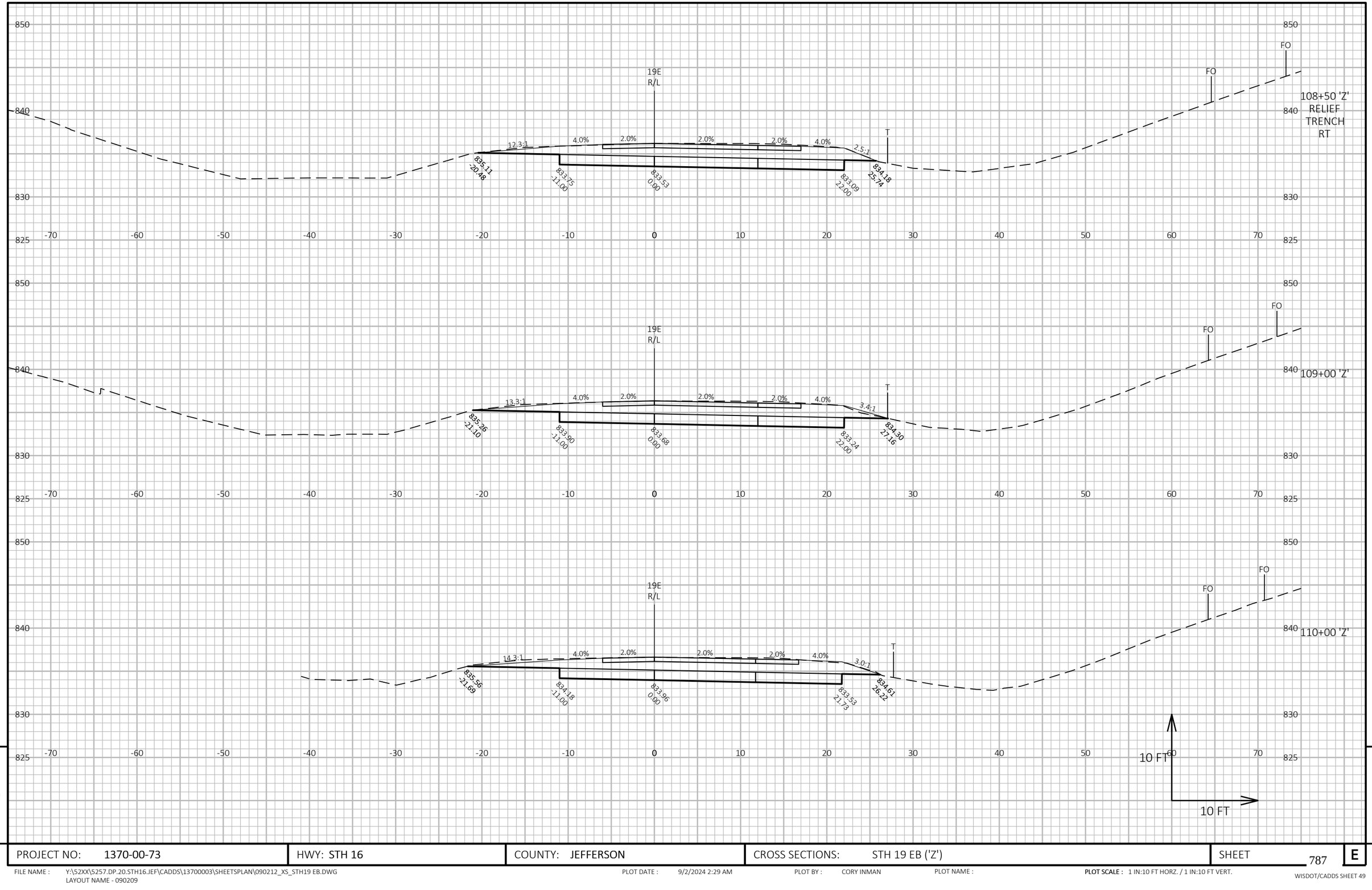
9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 EB ('Z')	SHEET 786	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090212_XS_STH19 EB.DWG
LAYOUT NAME - 090208

PLOT DATE : 9/2/2024 2:29 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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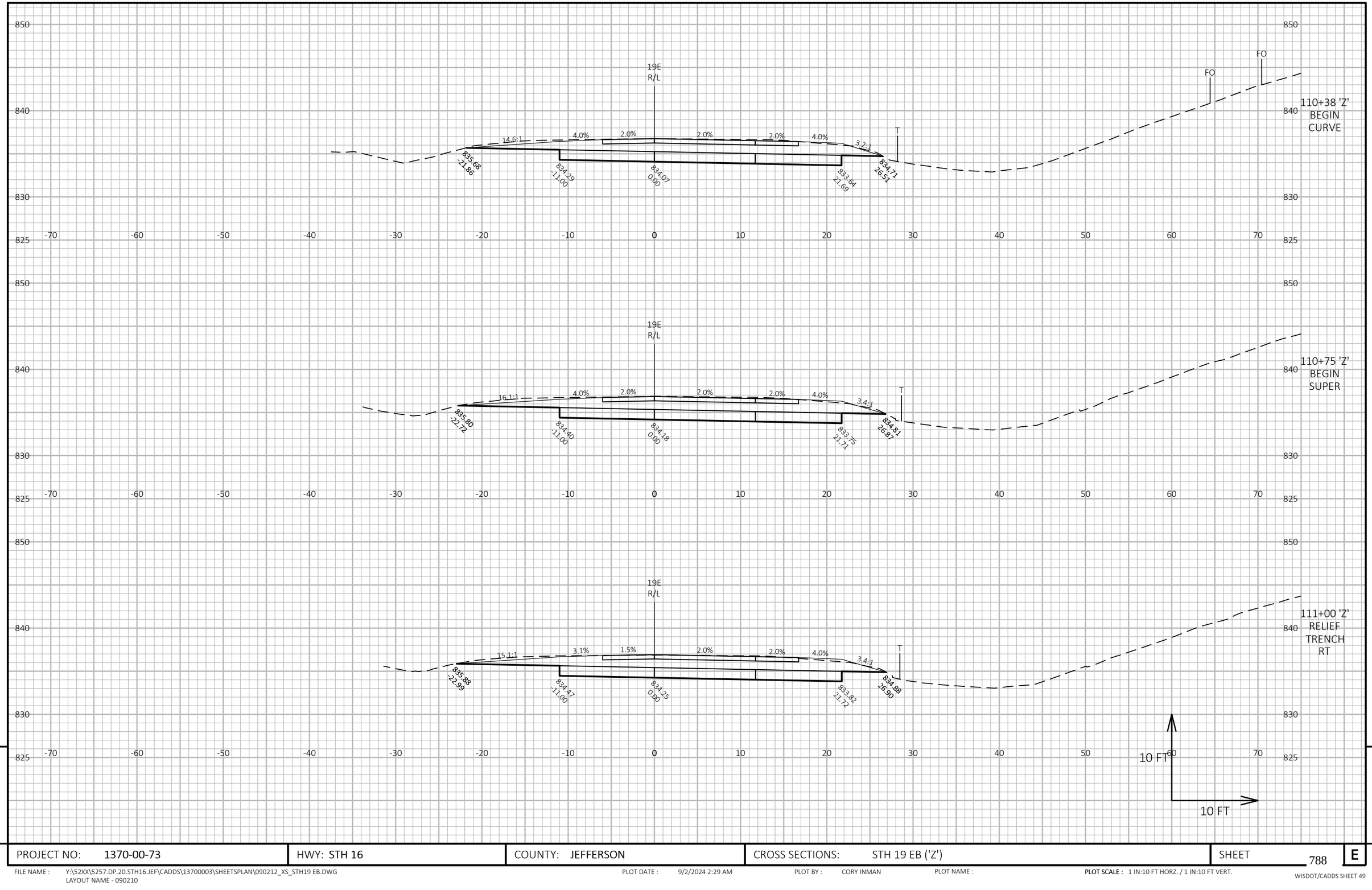
9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 EB ('Z')	SHEET 787	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090212_XS_STH19 EB.DWG
LAYOUT NAME - 090209

PLOT DATE : 9/2/2024 2:29 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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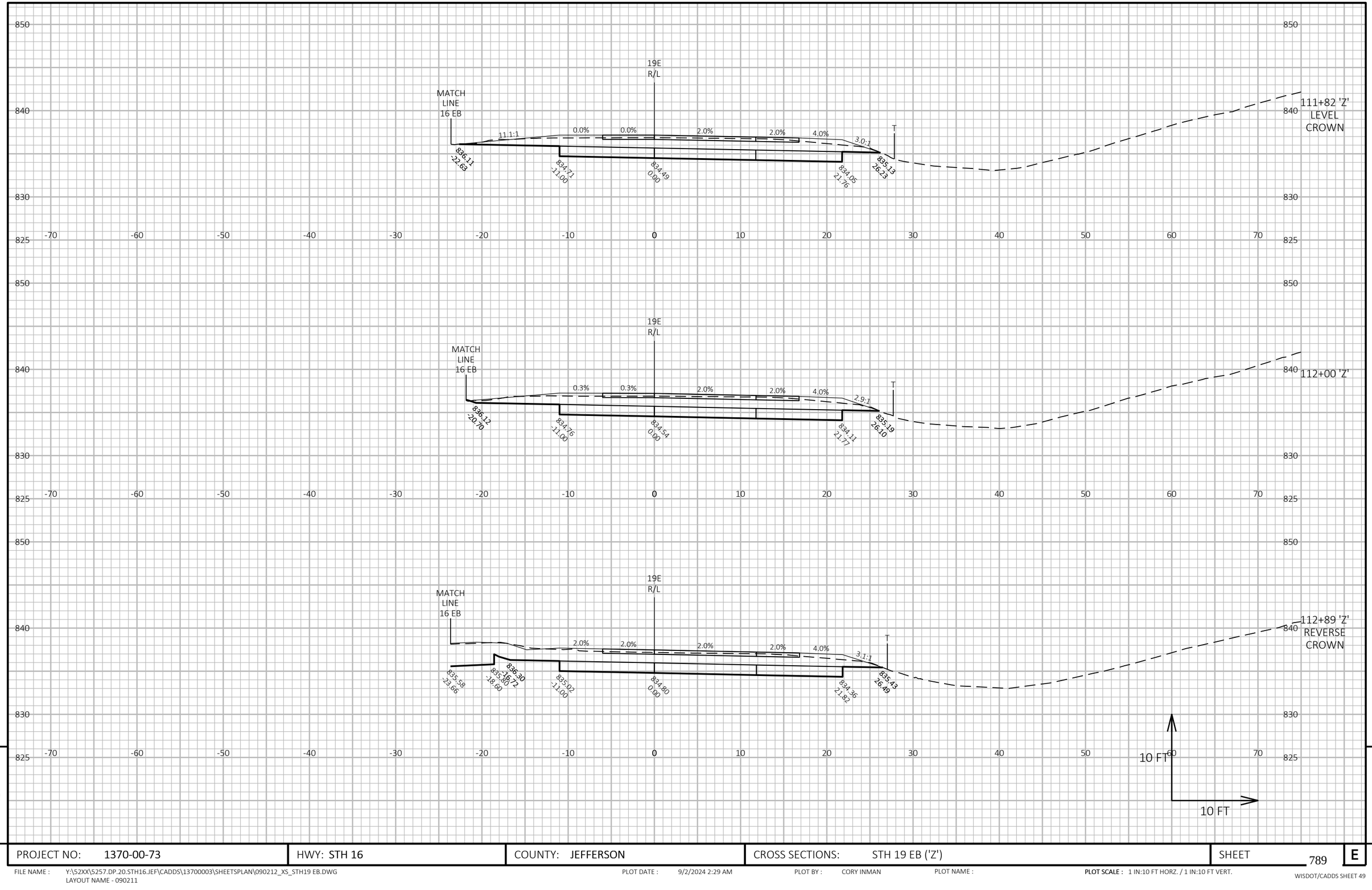
9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 EB ('Z')	SHEET 788	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090212_XS_STH19 EB.DWG
LAYOUT NAME - 090210

PLOT DATE : 9/2/2024 2:29 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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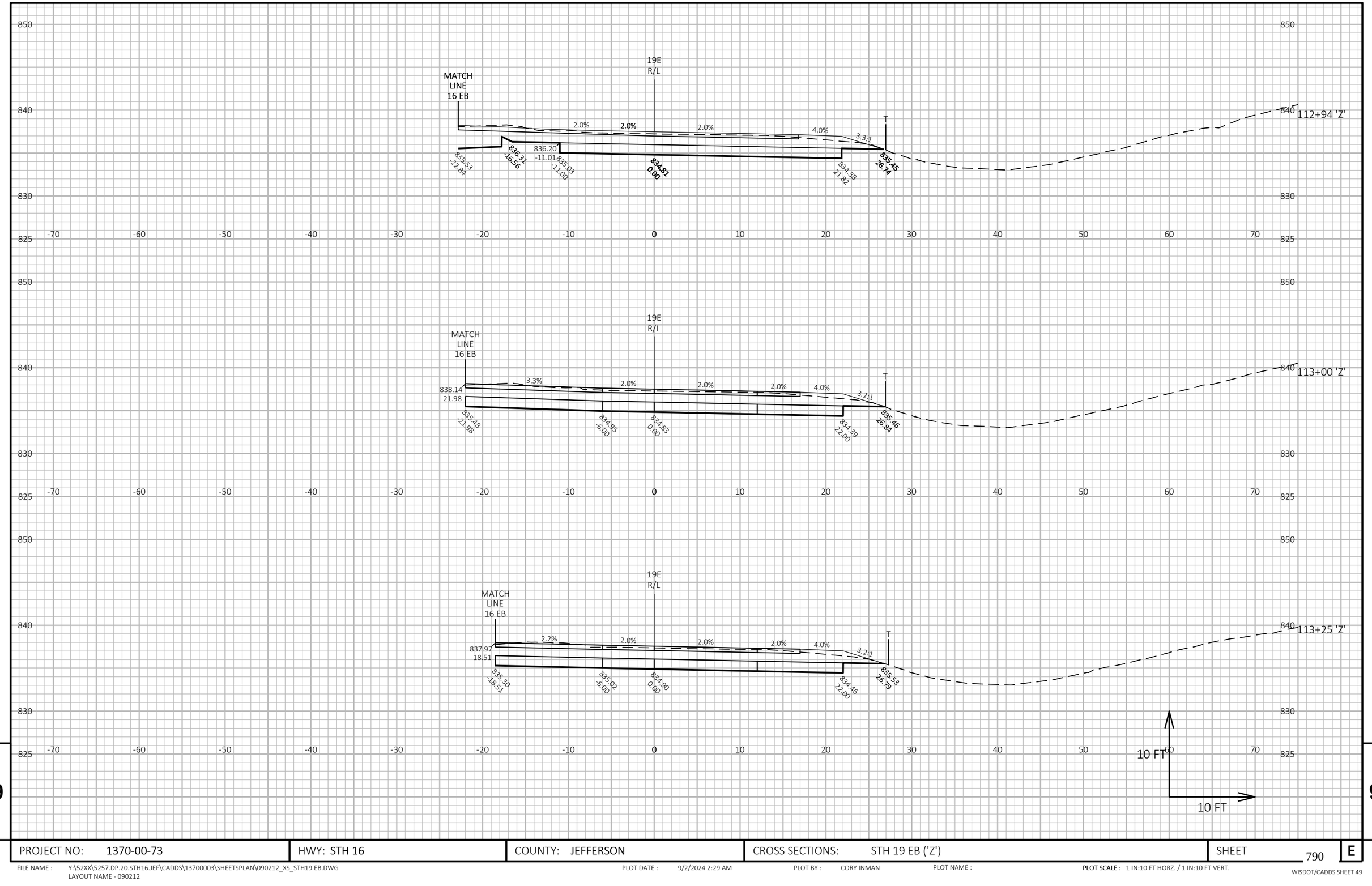
9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 EB ('Z')	SHEET 789	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090212_XS_STH19 EB.DWG
LAYOUT NAME - 090211

PLOT DATE : 9/2/2024 2:29 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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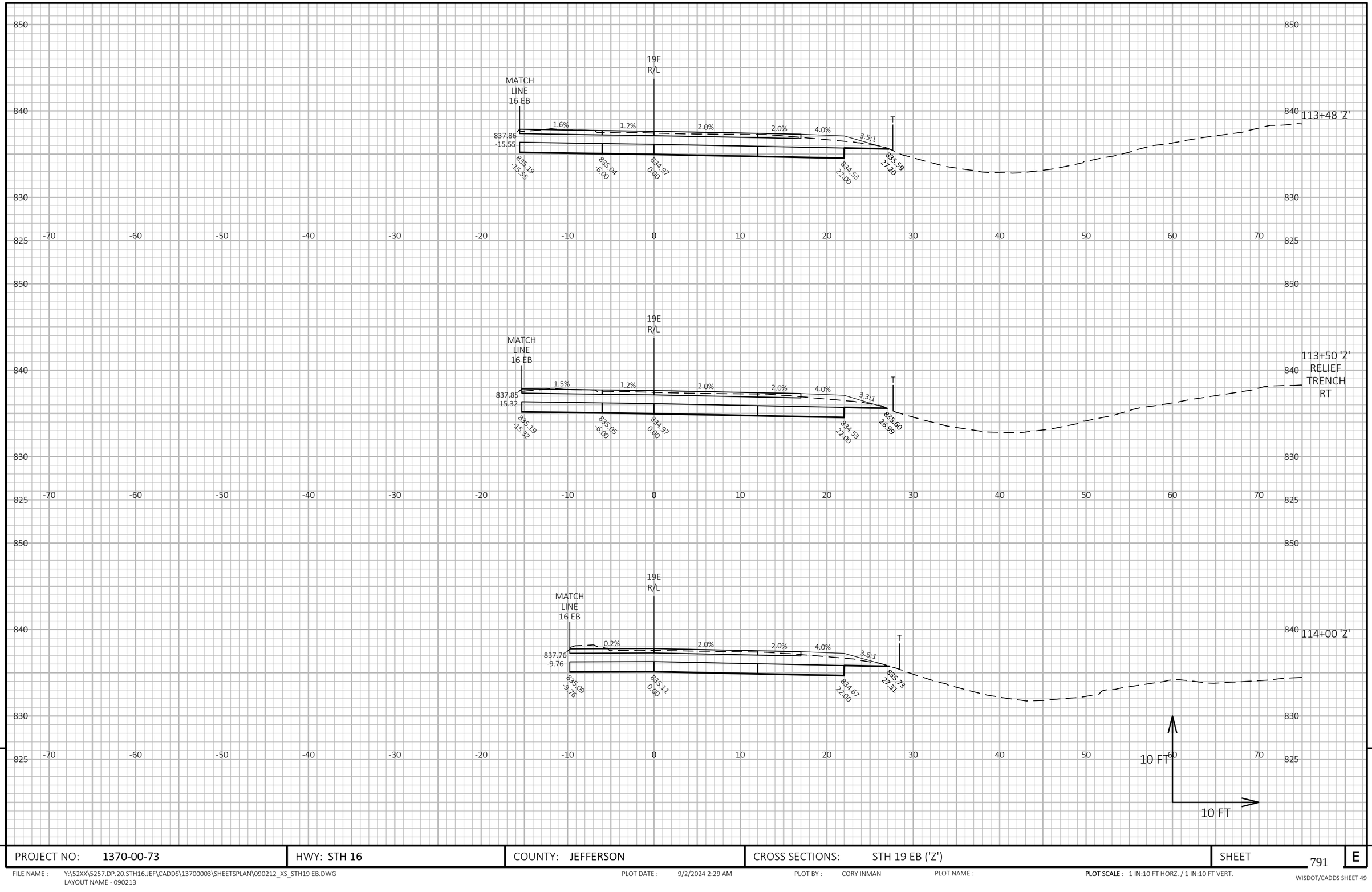
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 EB ('Z')	SHEET 790	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090212_XS_STH19 EB.DWG
LAYOUT NAME - 090212

PLOT DATE : 9/2/2024 2:29 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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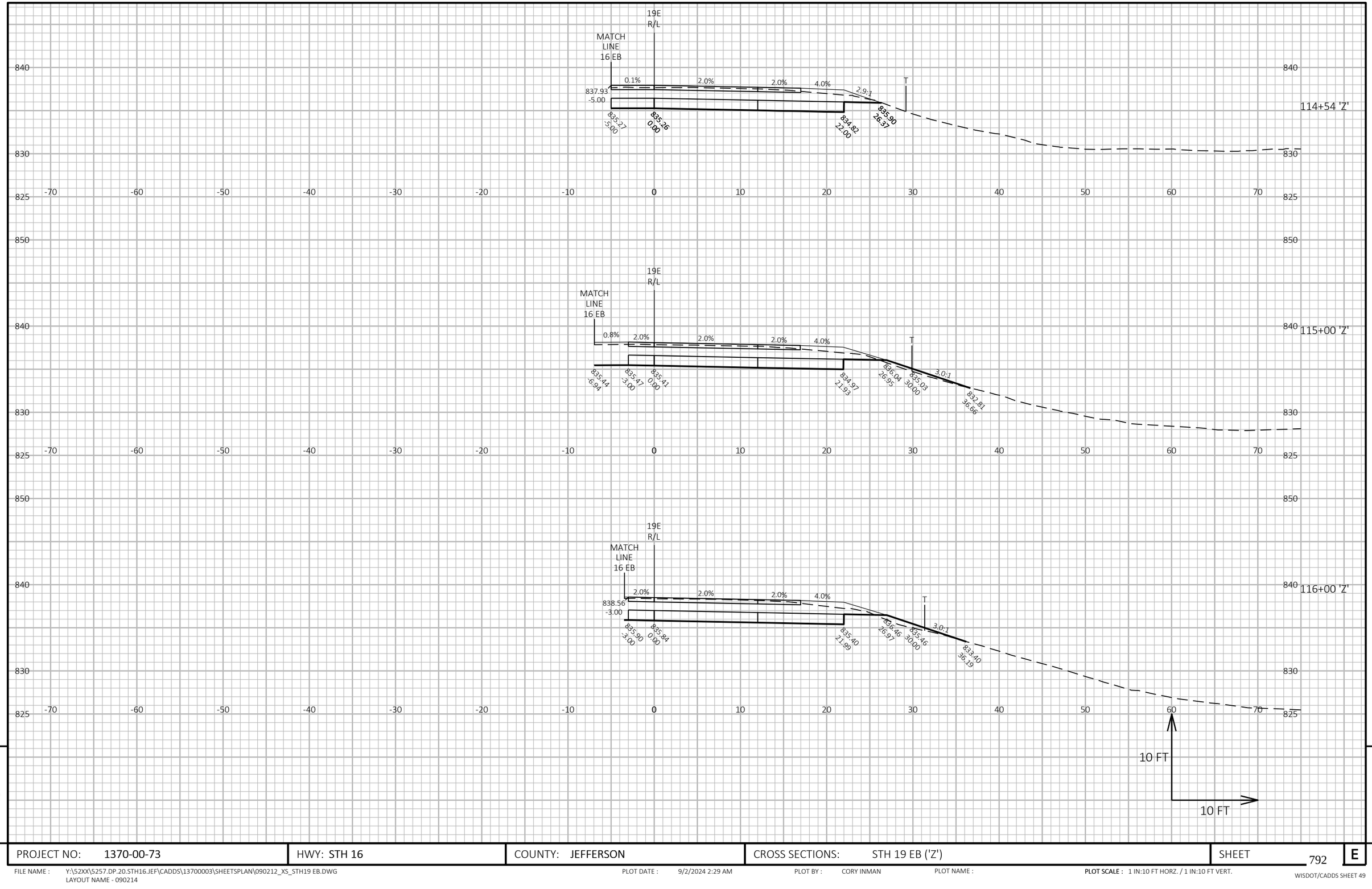
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 EB ('Z')	SHEET 791	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090212_XS_STH19 EB.DWG
LAYOUT NAME - 090213

PLOT DATE : 9/2/2024 2:29 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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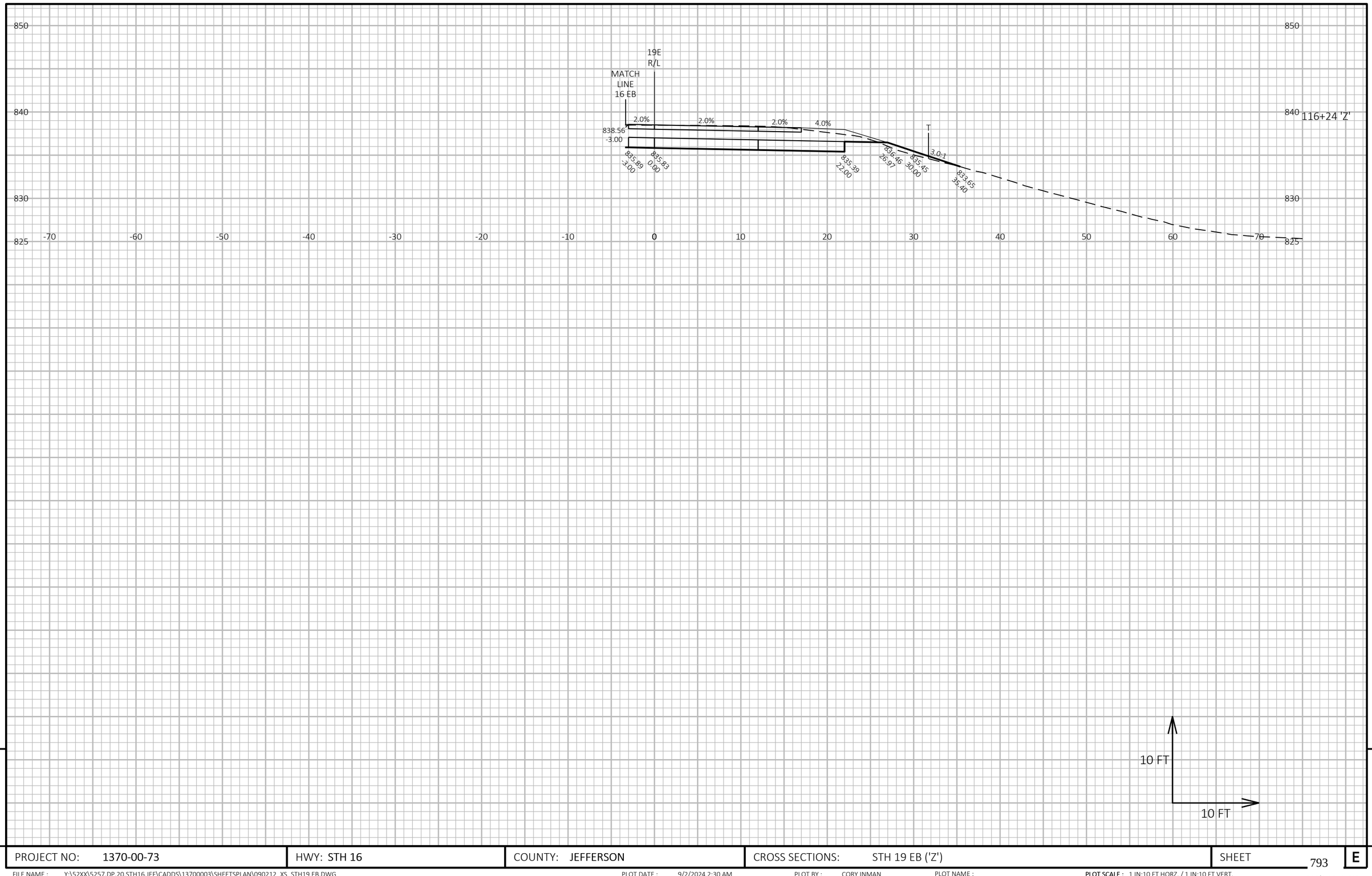
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 EB ('Z')	SHEET 792	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090212_XS_STH19 EB.DWG
LAYOUT NAME - 090214

PLOT DATE : 9/2/2024 2:29 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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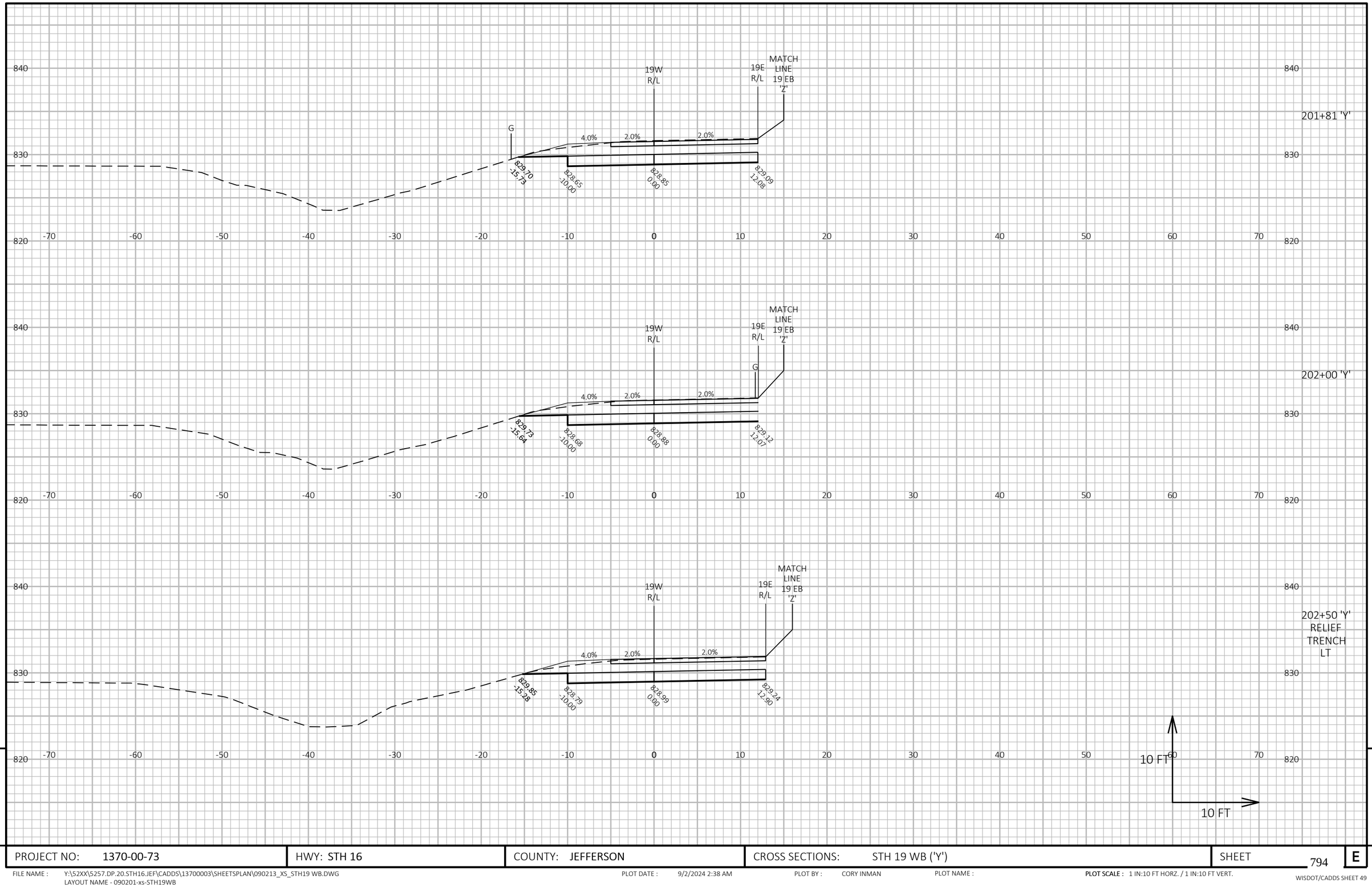
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 EB ('Z')	SHEET 793	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090212_XS_STH19 EB.DWG
LAYOUT NAME - 090215

PLOT DATE : 9/2/2024 2:30 AM PLOT BY : CORY INMAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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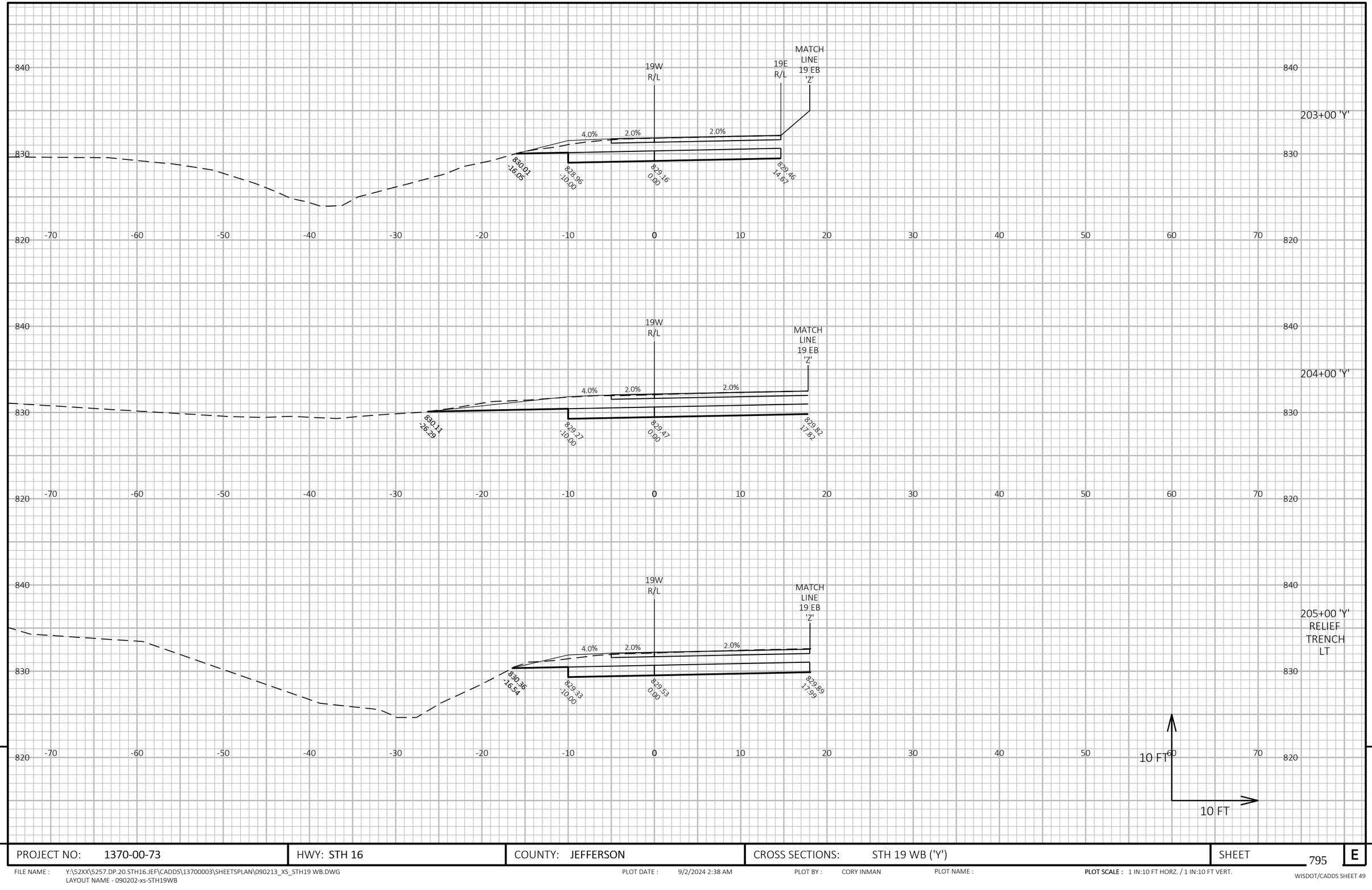
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 794	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090201-xs-STH19WB

PLOT DATE : 9/2/2024 2:38 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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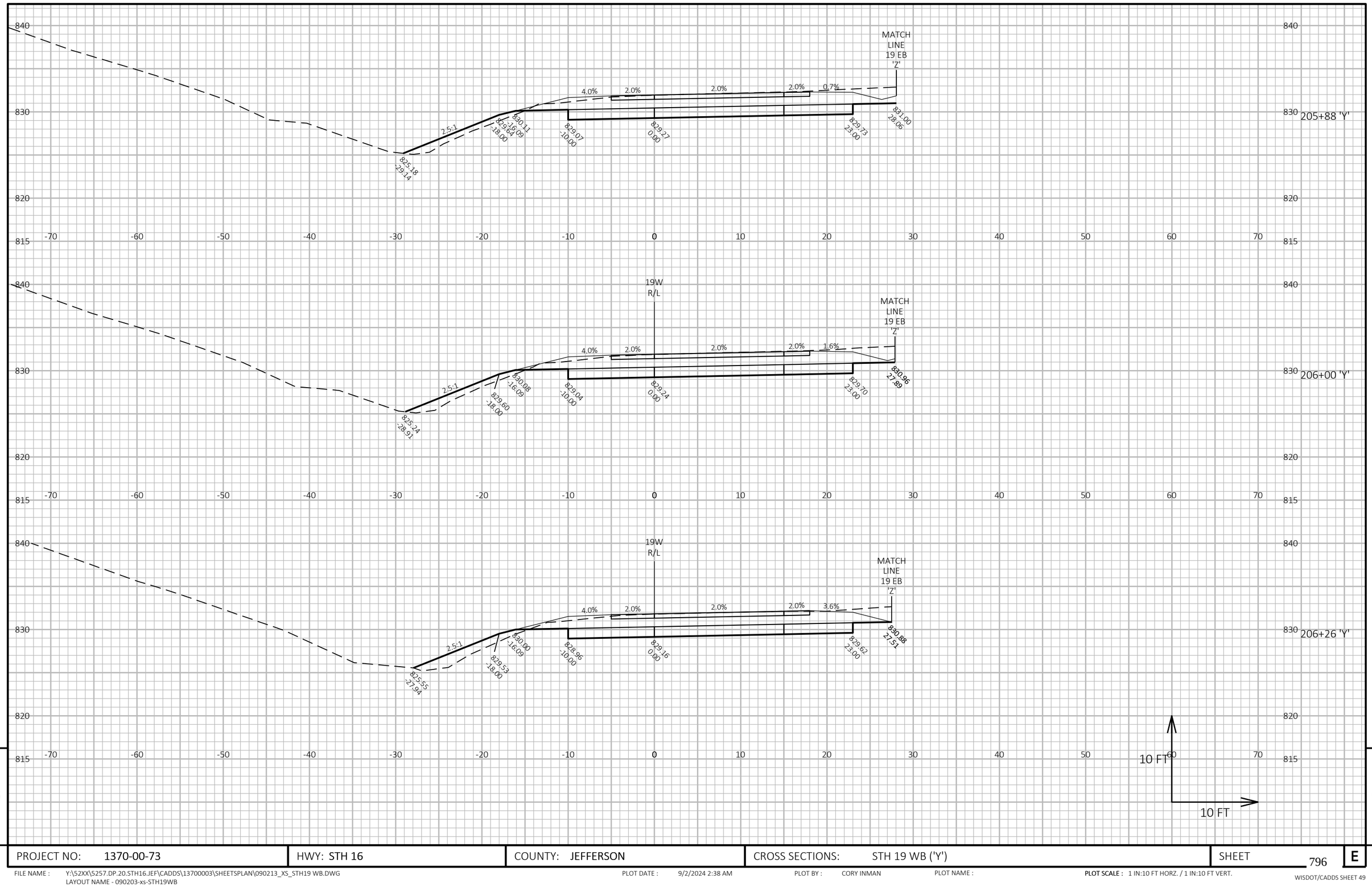
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 795	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090202-xs-STH19WB

PLOT DATE : 9/2/2024 2:38 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

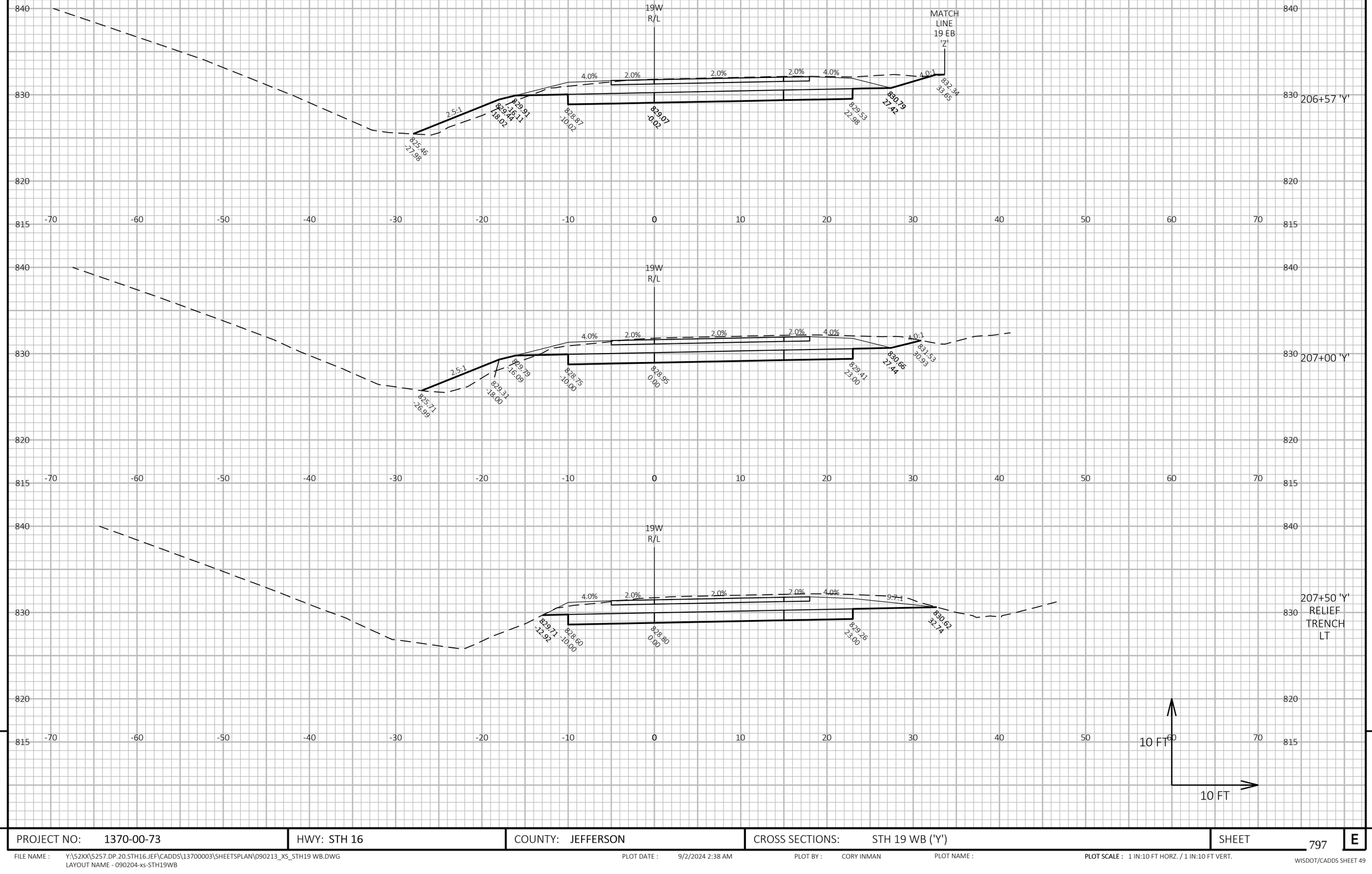


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 796	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090203-xs-STH19WB

PLOT DATE : 9/2/2024 2:38 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

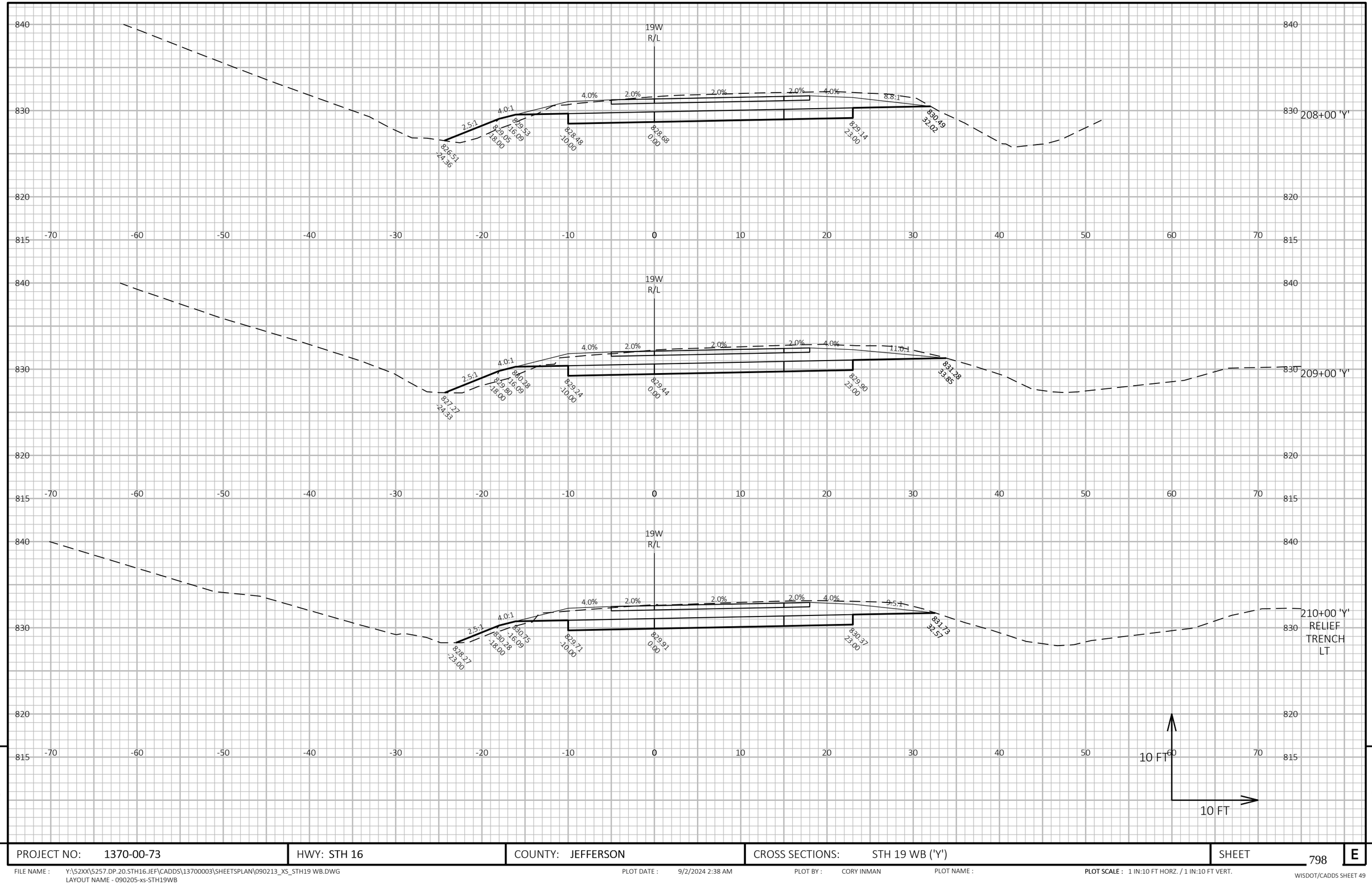


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 797 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090204-xs-STH19WB

PLOT DATE : 9/2/2024 2:38 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

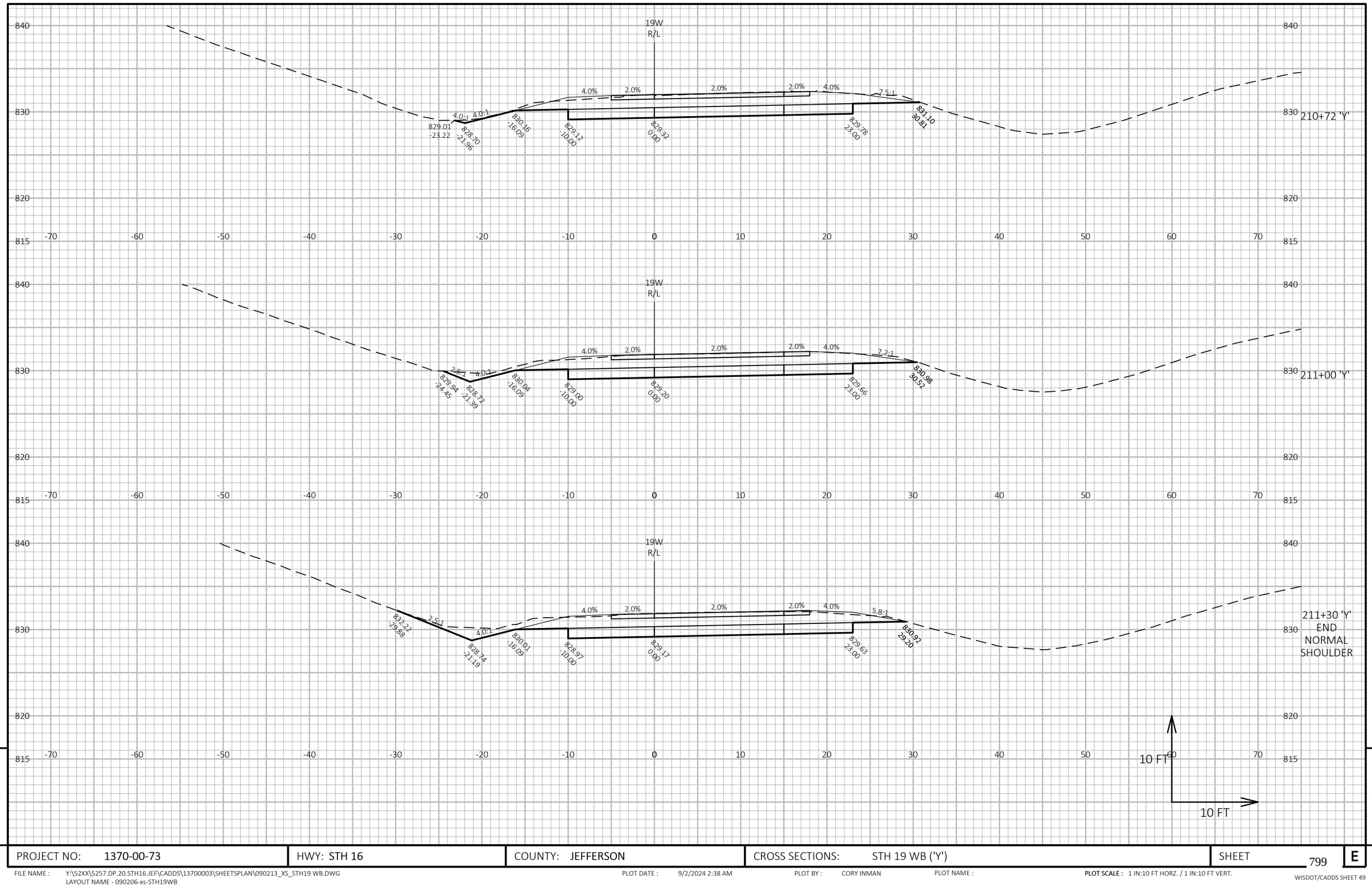


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 798	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090205-xs-STH19WB

PLOT DATE : 9/2/2024 2:38 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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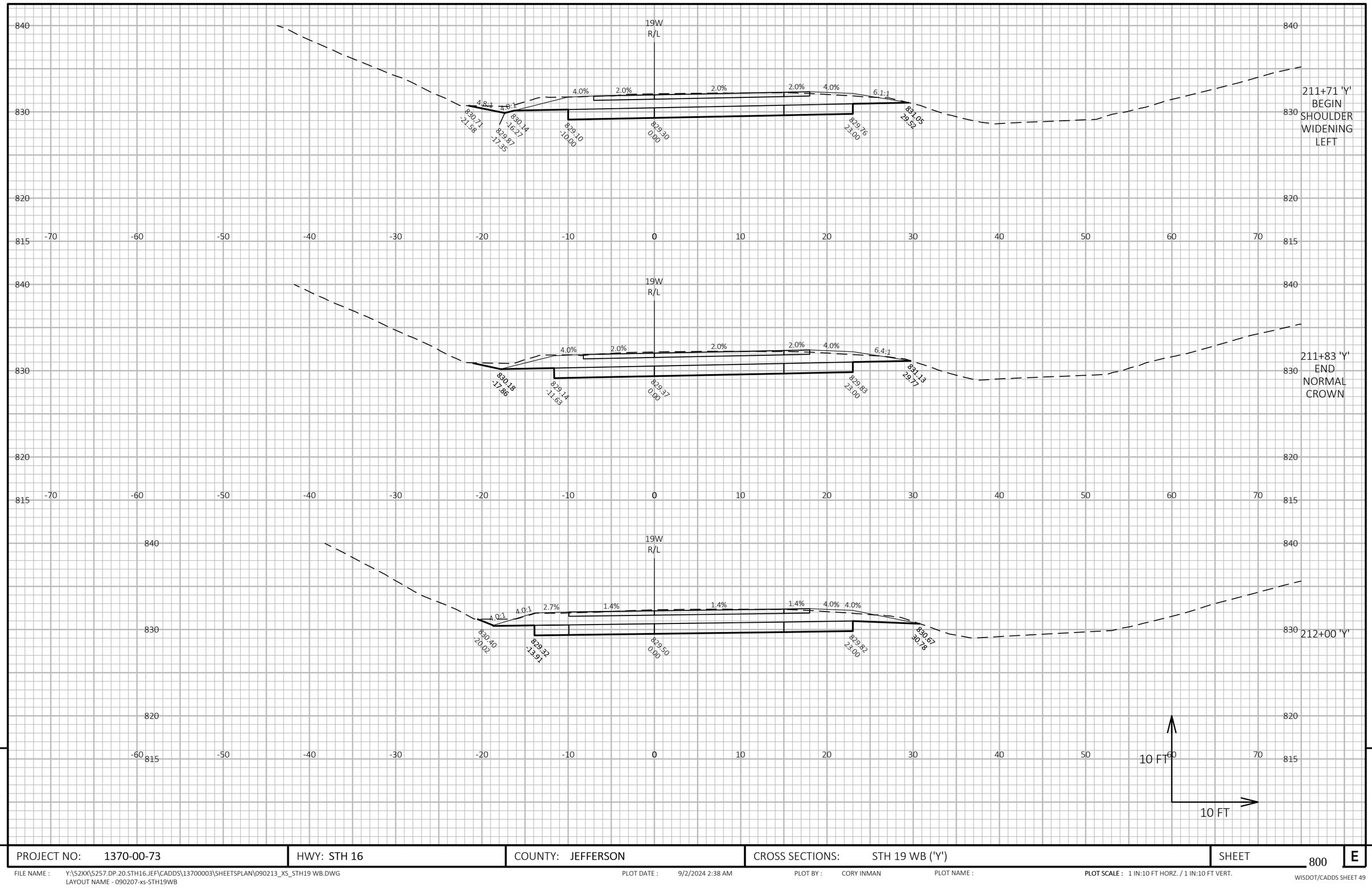
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 799	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090206-xs-STH19WB

PLOT DATE : 9/2/2024 2:38 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



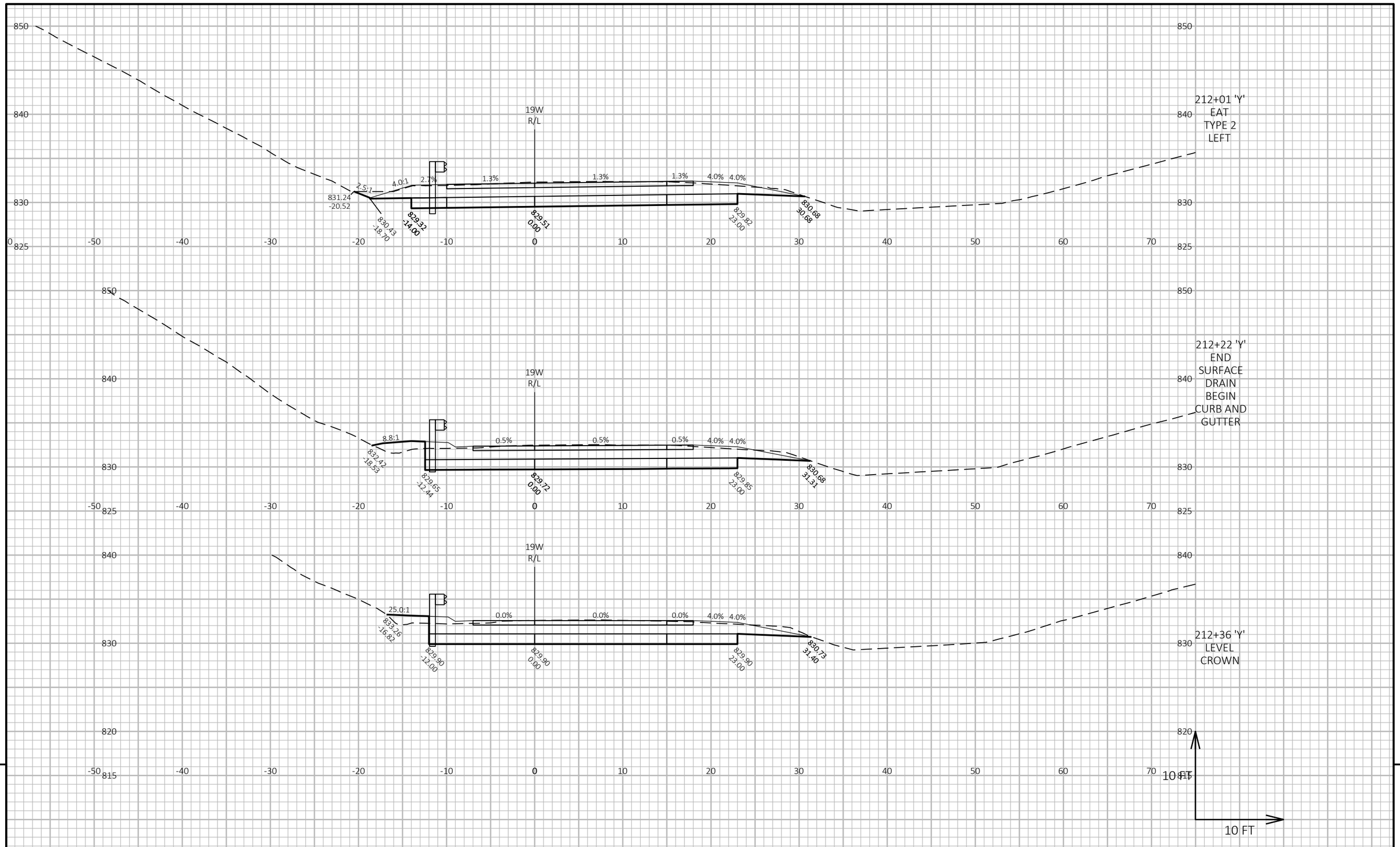
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 800	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090207-xs-STH19WB

PLOT DATE : 9/2/2024 2:38 AM PLOT BY : CORY INMAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

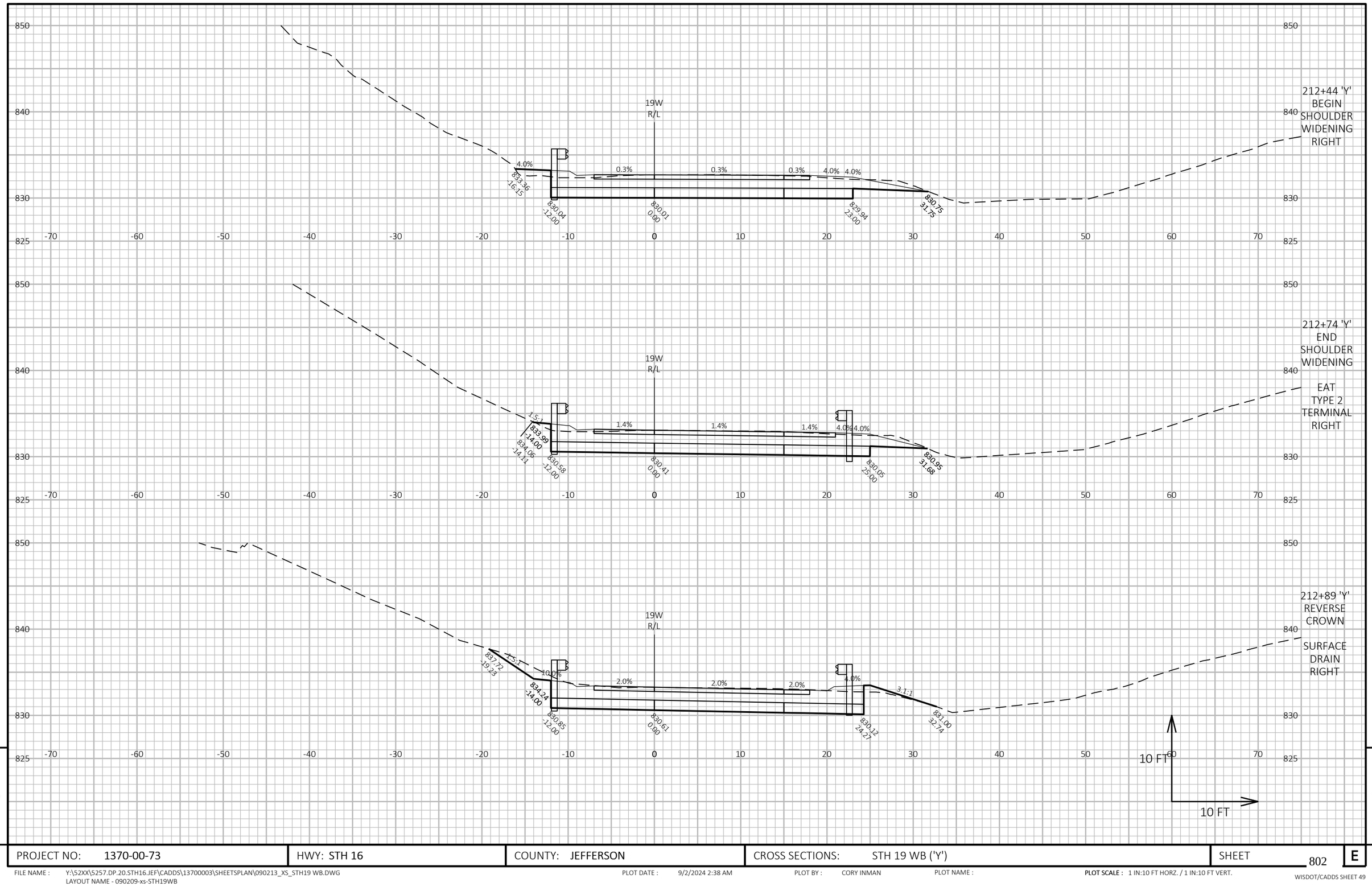


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 801	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090208-xs-STH19WB

PLOT DATE : 9/2/2024 2:38 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

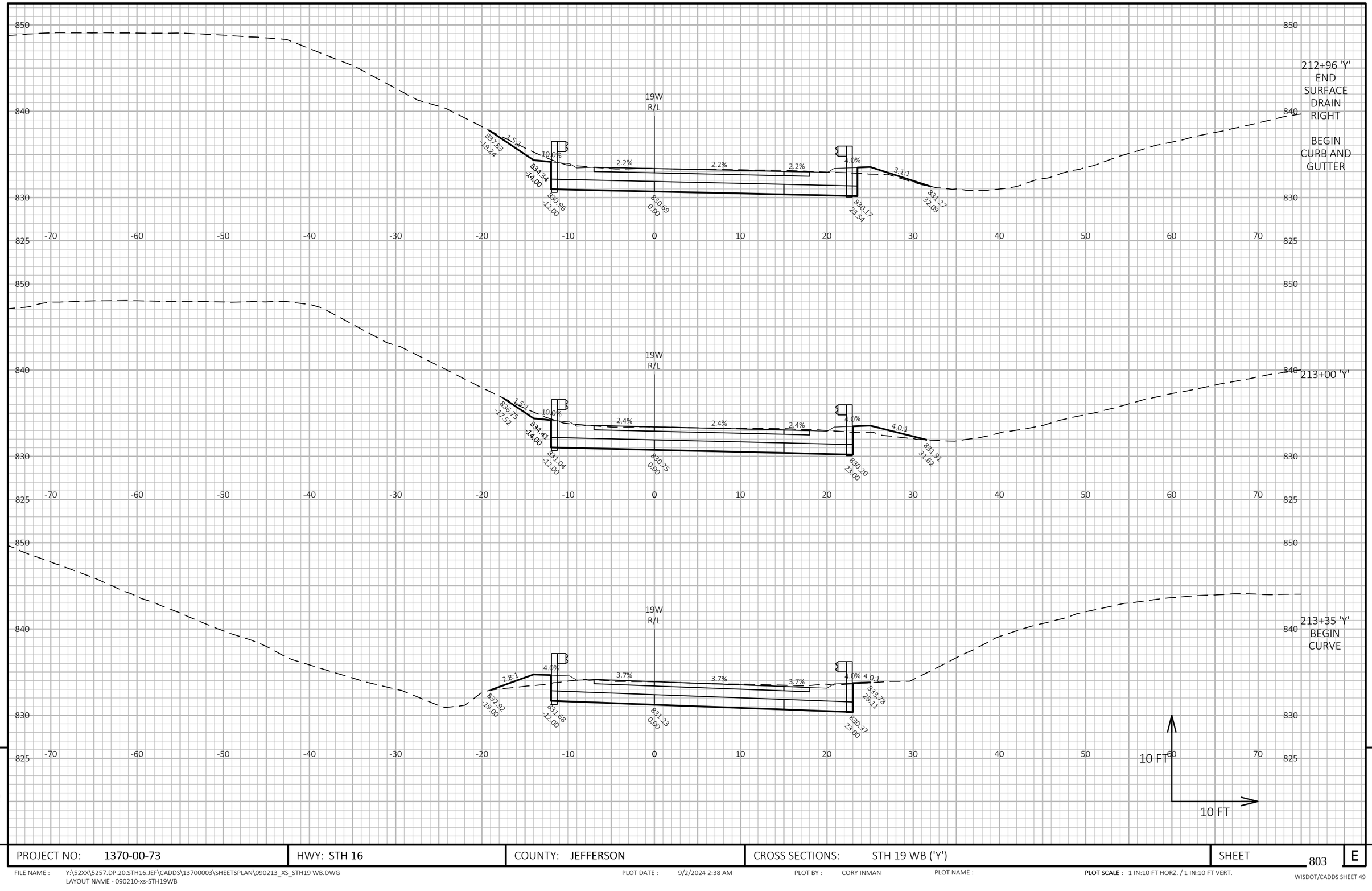


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 802 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090209-xs-STH19WB

PLOT DATE : 9/2/2024 2:38 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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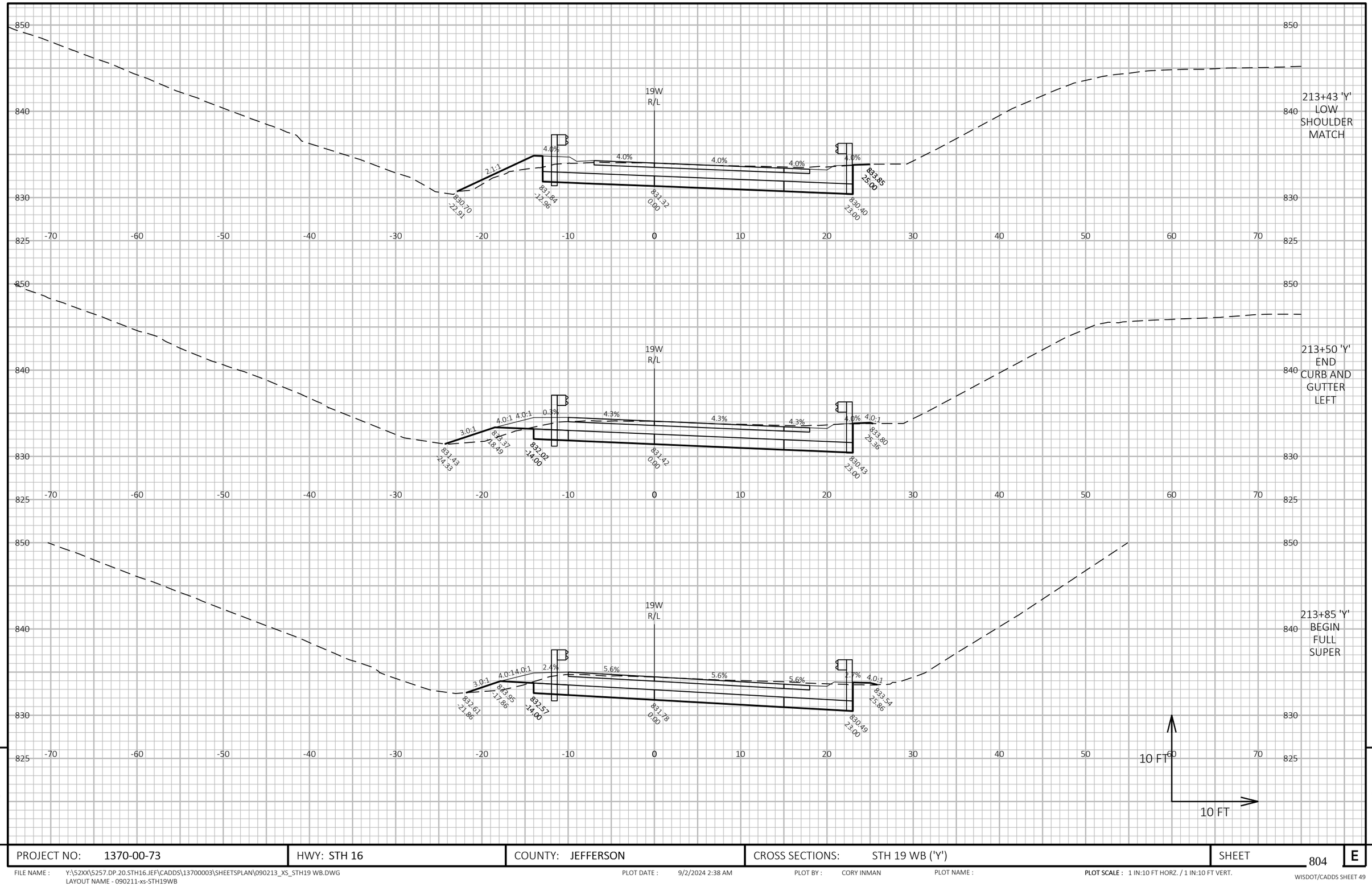
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 803	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090210-xs-STH19WB

PLOT DATE : 9/2/2024 2:38 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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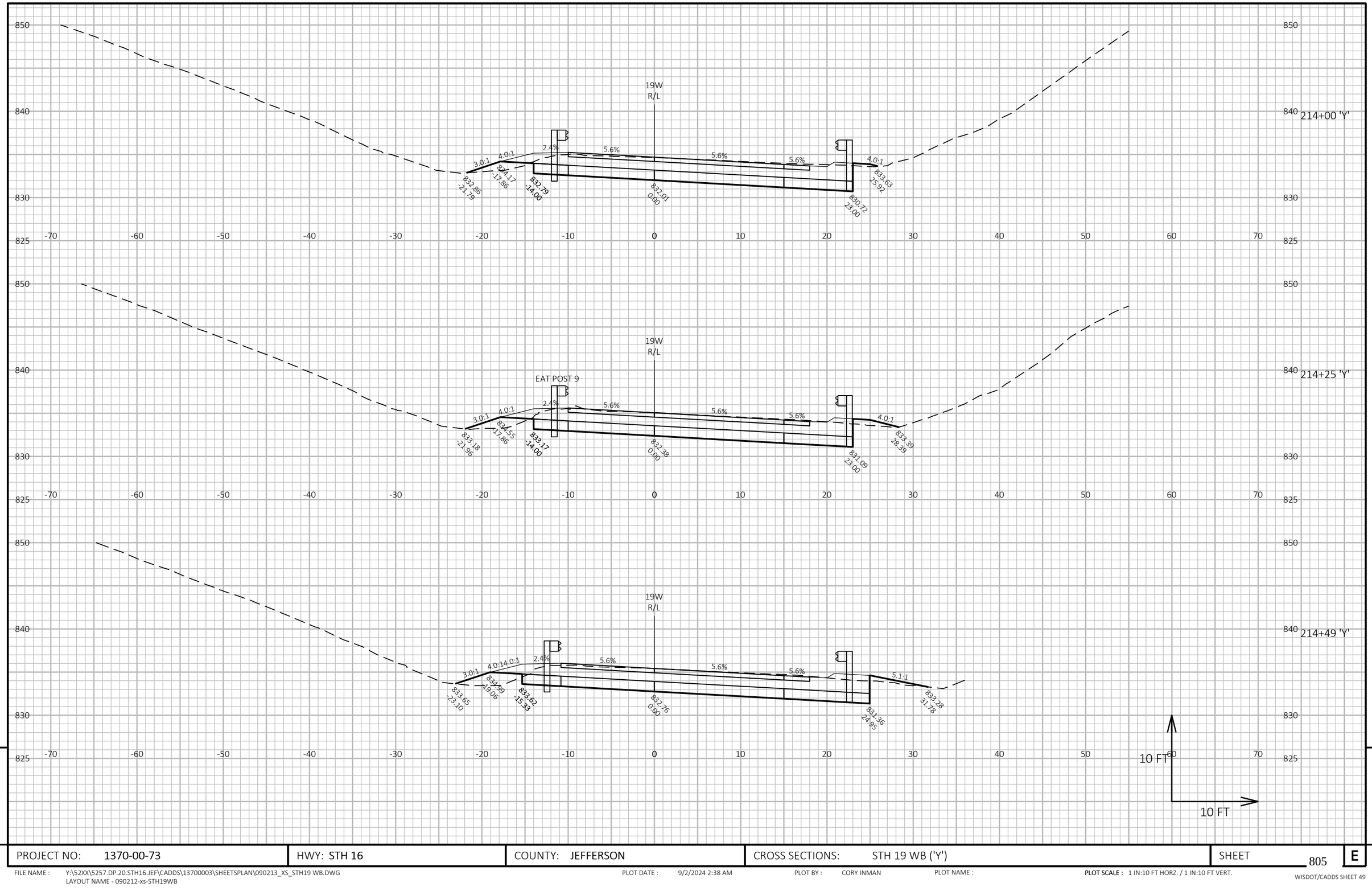
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 804	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090211-xs-STH19WB

PLOT DATE : 9/2/2024 2:38 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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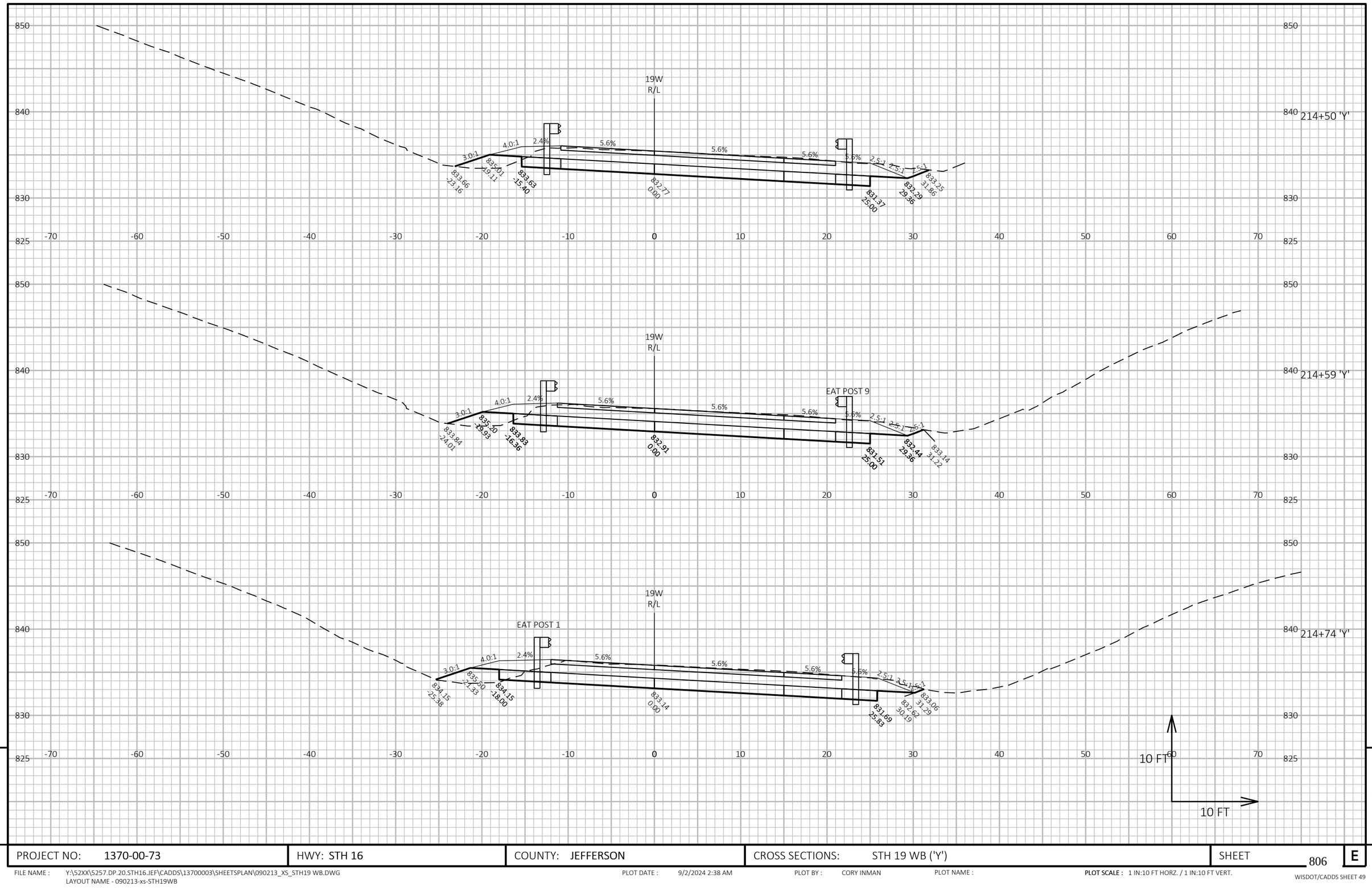
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 805 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090212-xs-STH19WB

PLOT DATE : 9/2/2024 2:38 AM PLOT BY : CORY INMAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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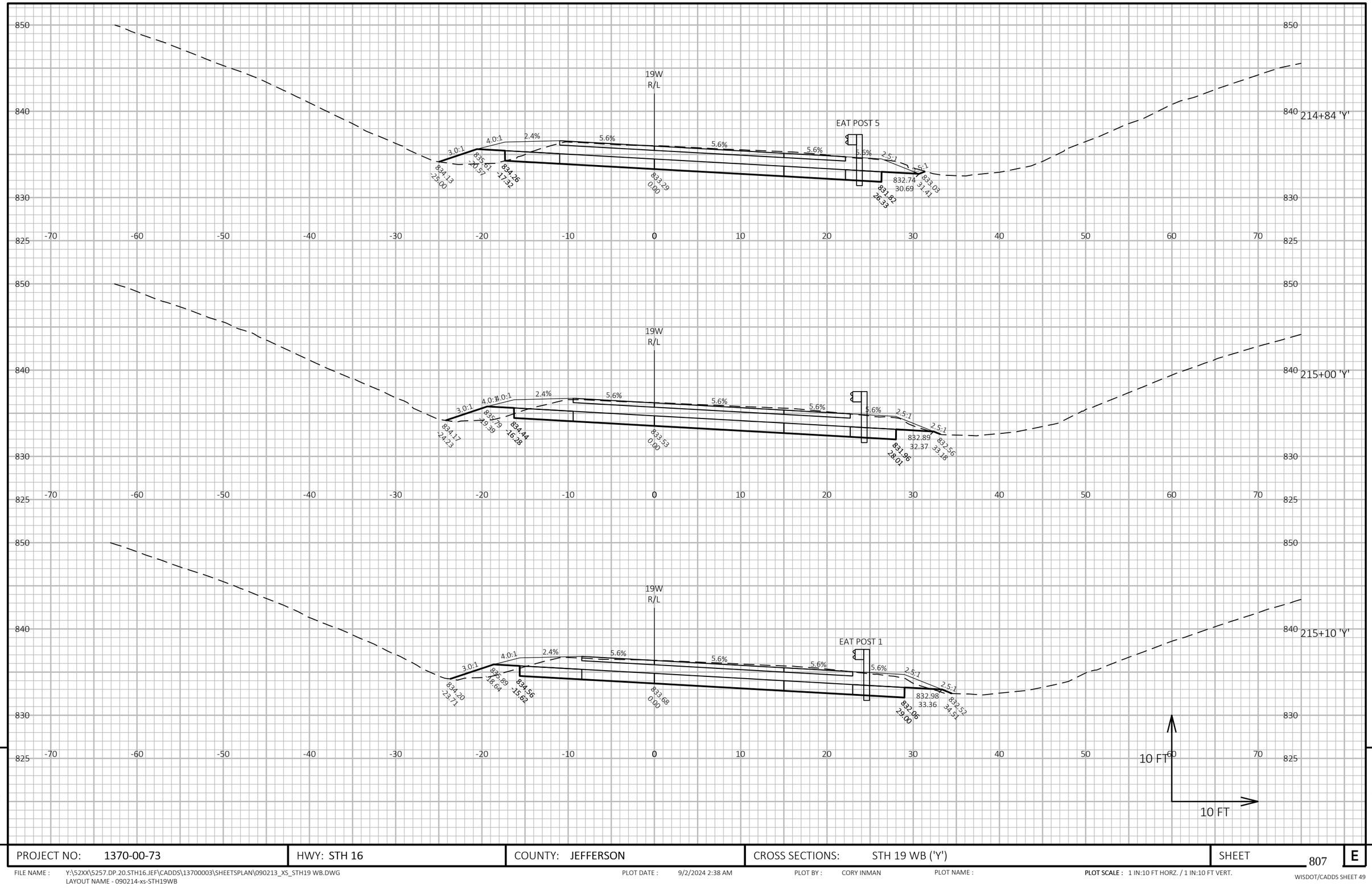
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 806 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090213-xs-STH19WB

PLOT DATE : 9/2/2024 2:38 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



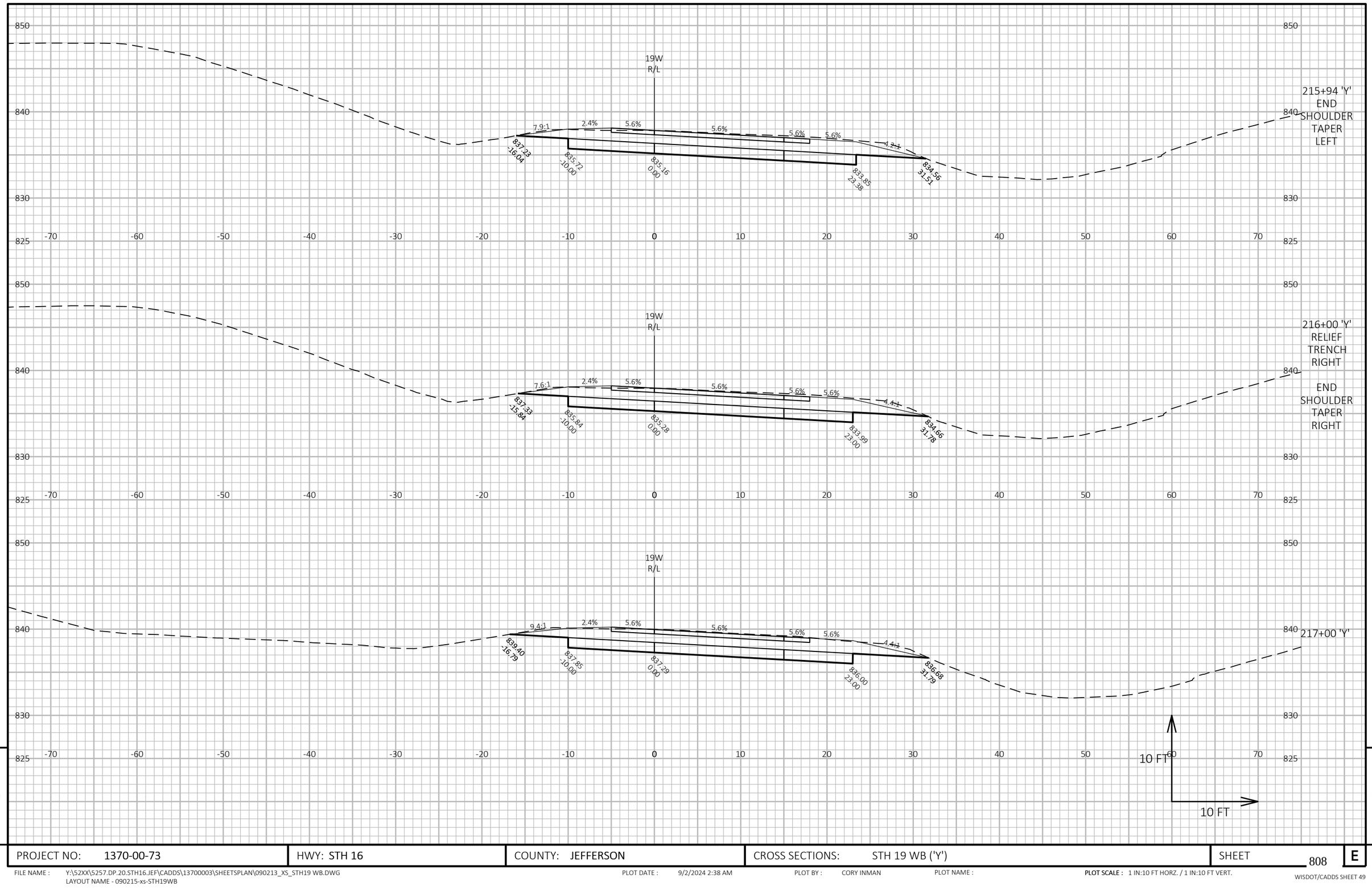
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 807	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090214-xs-STH19WB

PLOT DATE : 9/2/2024 2:38 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9 9



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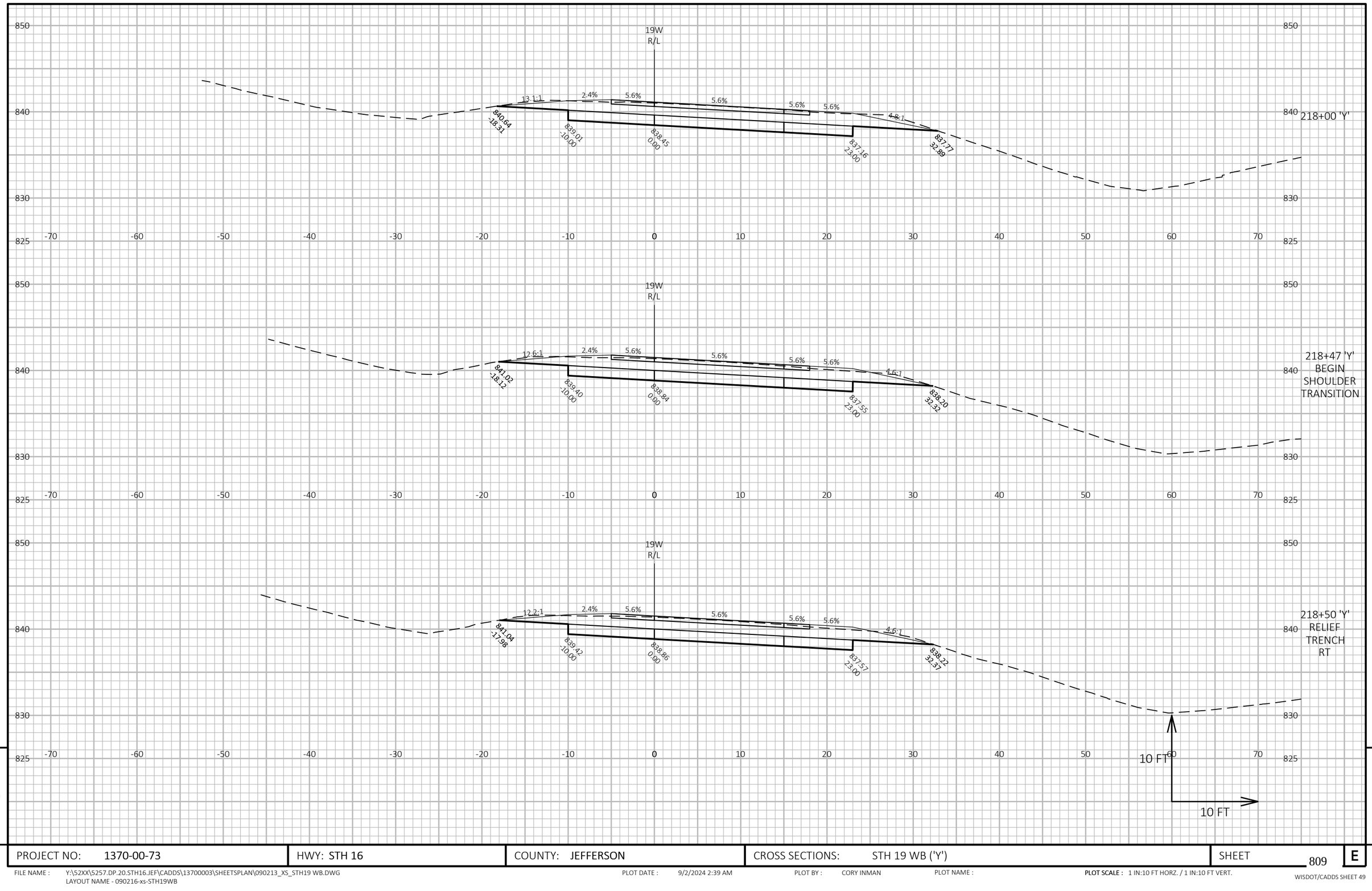
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 808	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090215-xs-STH19WB

PLOT DATE : 9/2/2024 2:38 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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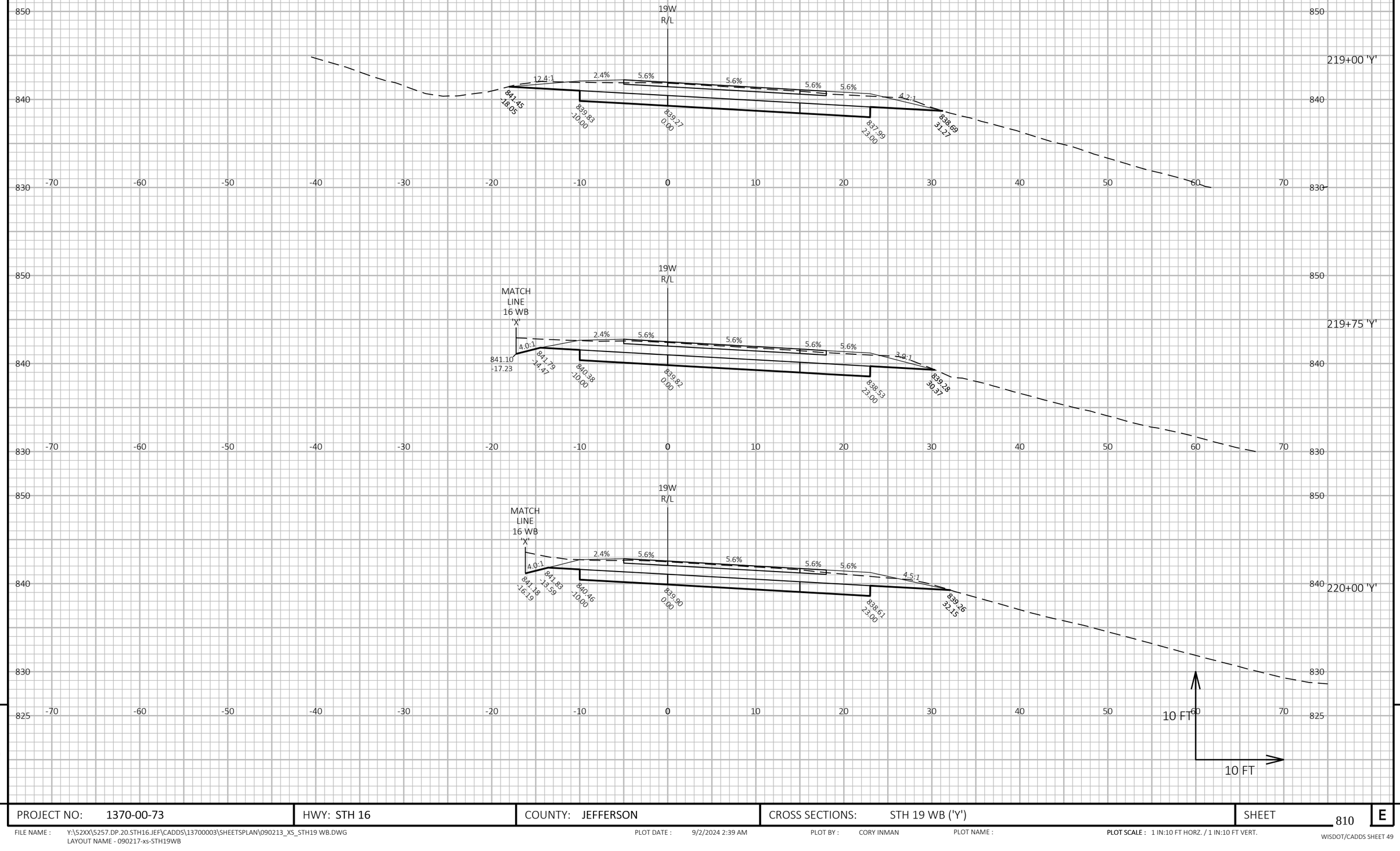
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 809	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090216-xs-STH19WB

PLOT DATE : 9/2/2024 2:39 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

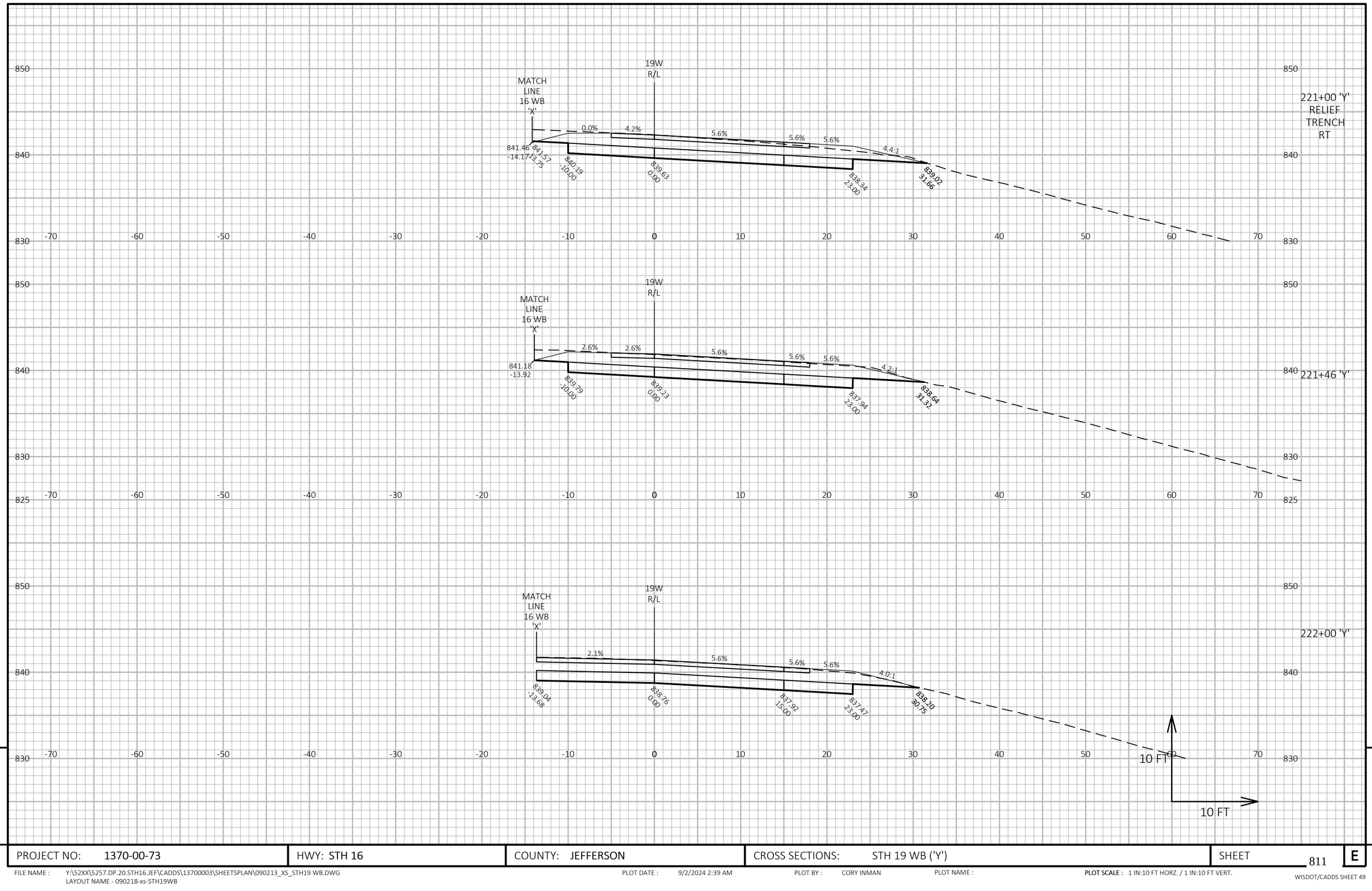


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 810	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090217-xs-STH19WB

PLOT DATE : 9/2/2024 2:39 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 811	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090218-xs-STH19WB

PLOT DATE : 9/2/2024 2:39 AM PLOT BY : CORY INMAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

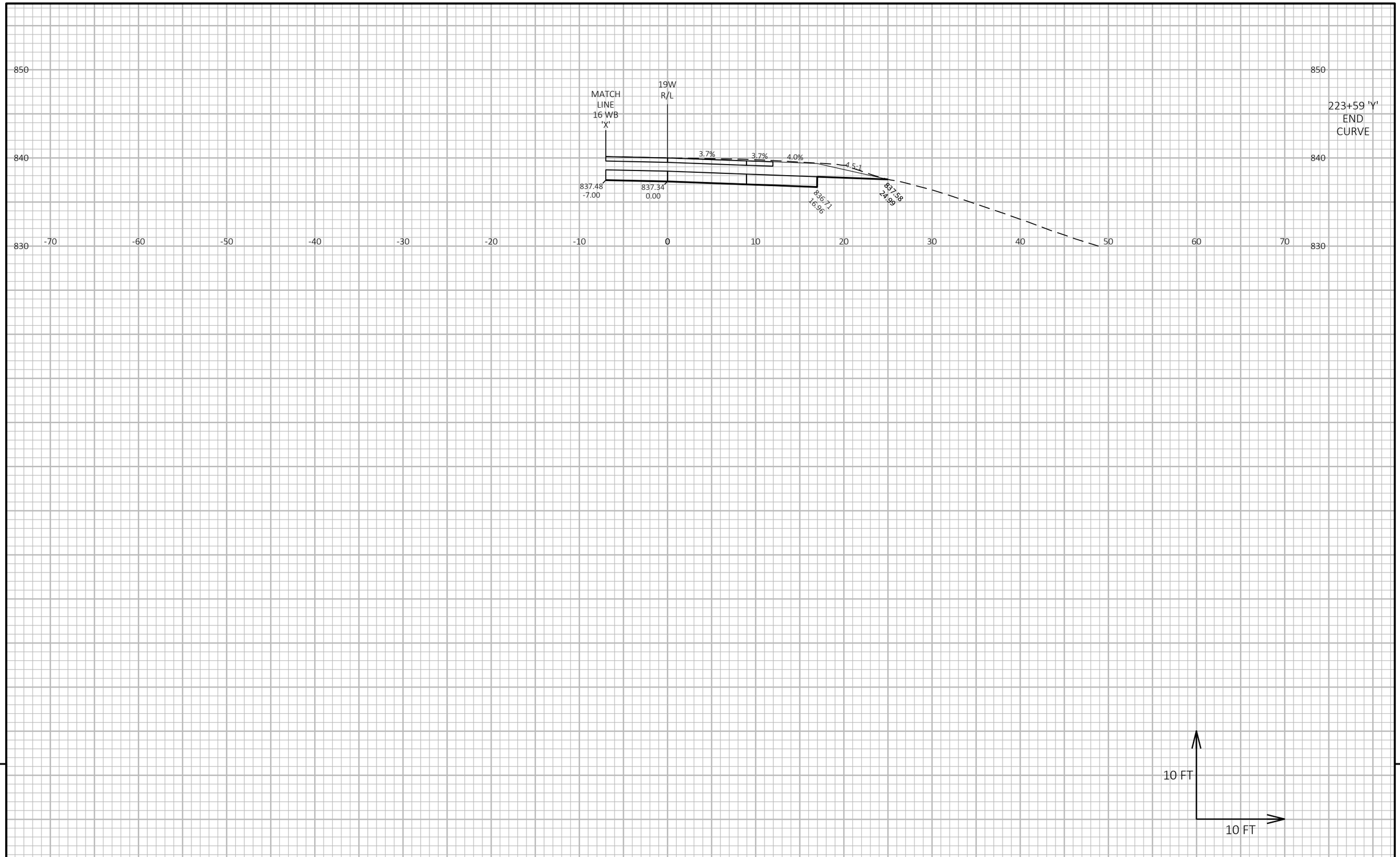
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 812	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090219-xs-STH19WB

PLOT DATE : 9/2/2024 2:39 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9 9



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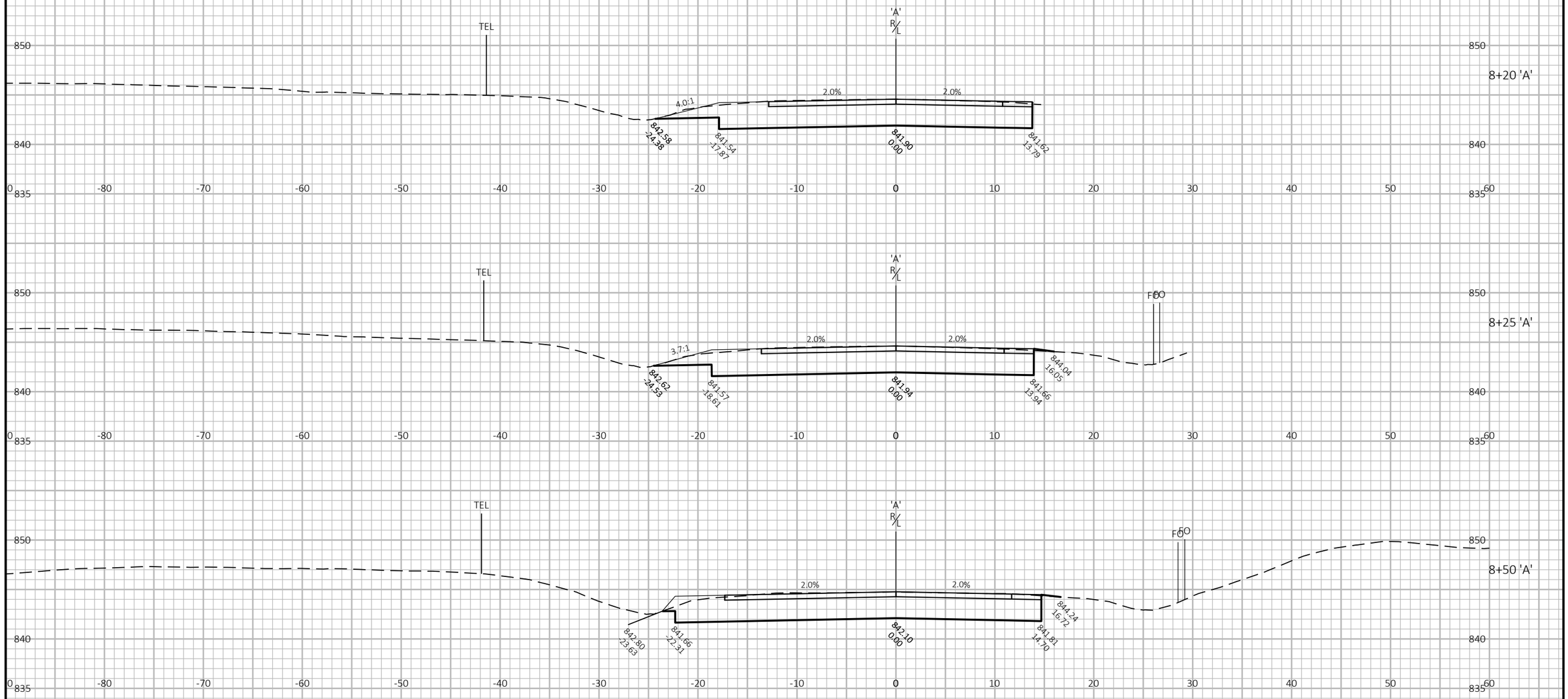
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: STH 19 WB ('Y')	SHEET 813	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090213_XS_STH19 WB.DWG
LAYOUT NAME - 090220-xs-STH19WB

PLOT DATE : 9/2/2024 2:39 AM PLOT BY : CORY INMAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

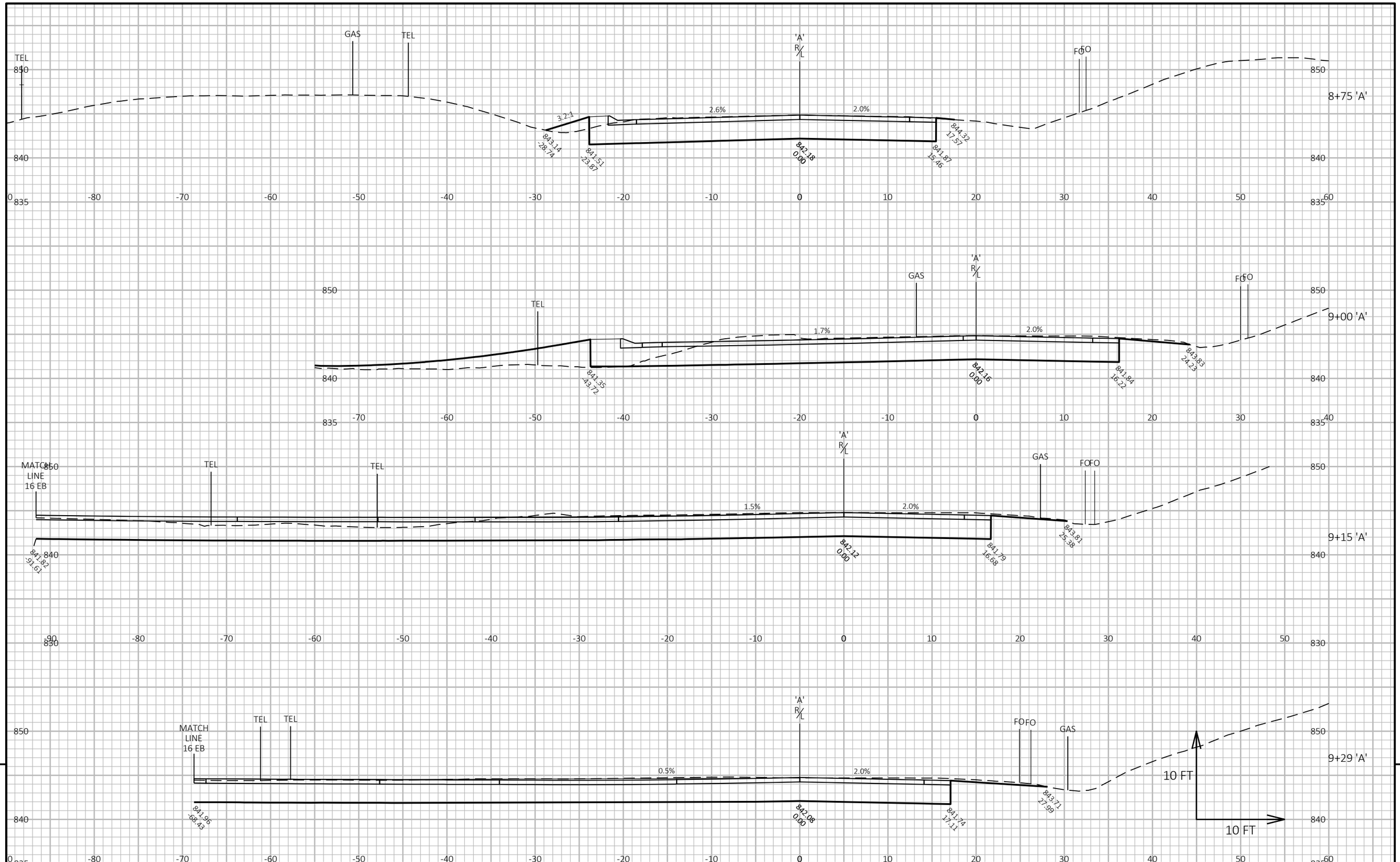


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: GOPHER HILL ROAD ('A')	SHEET 814 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090214_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Gopher-S1

PLOT DATE : 8/31/2024 5:28 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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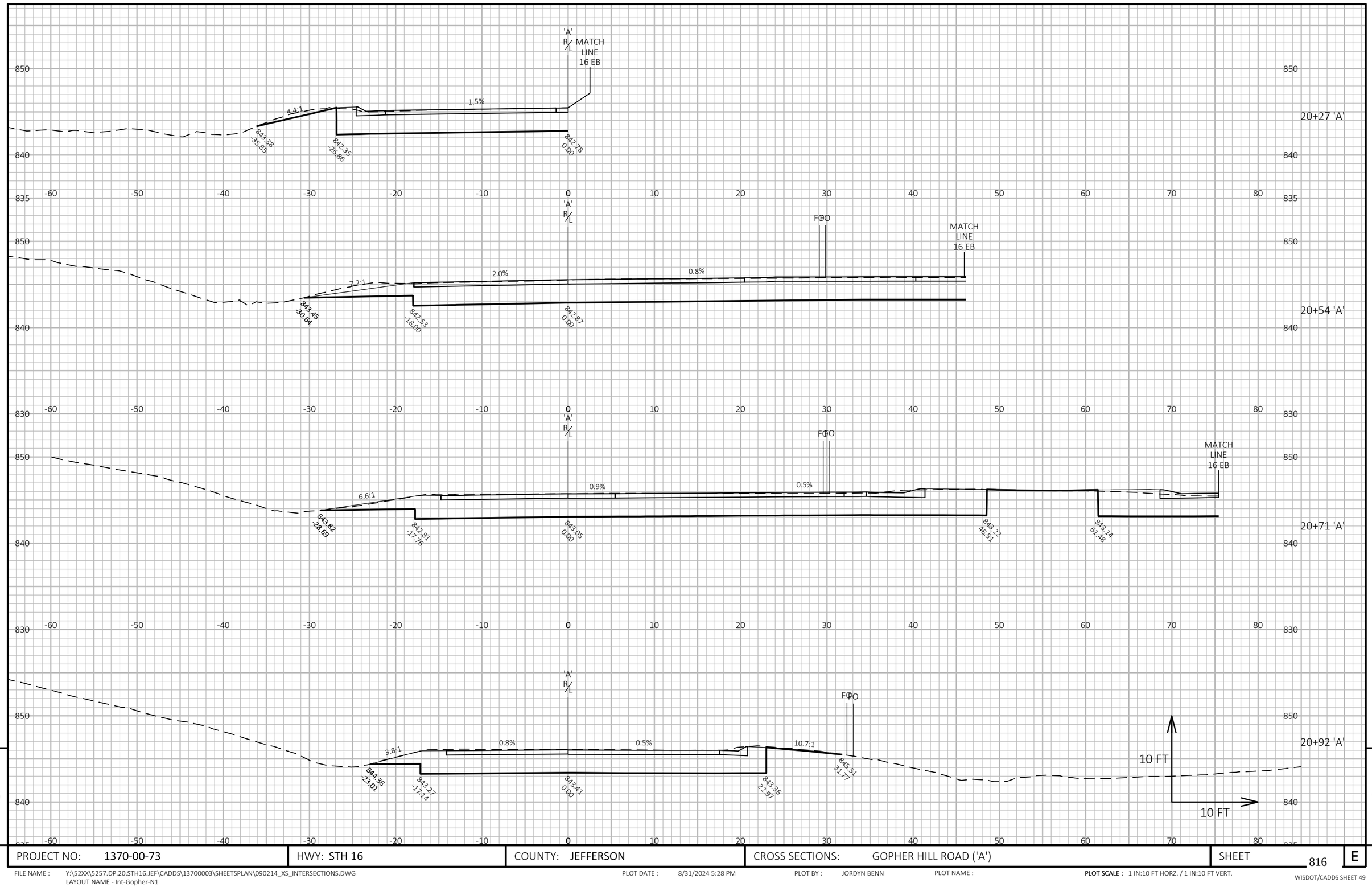
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: GOPHER HILL ROAD ('A')	SHEET 815	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090214_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Gopher-S2

PLOT DATE : 8/31/2024 5:28 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: GOPHER HILL ROAD ('A')	SHEET 816	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090214_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Gopher-N1

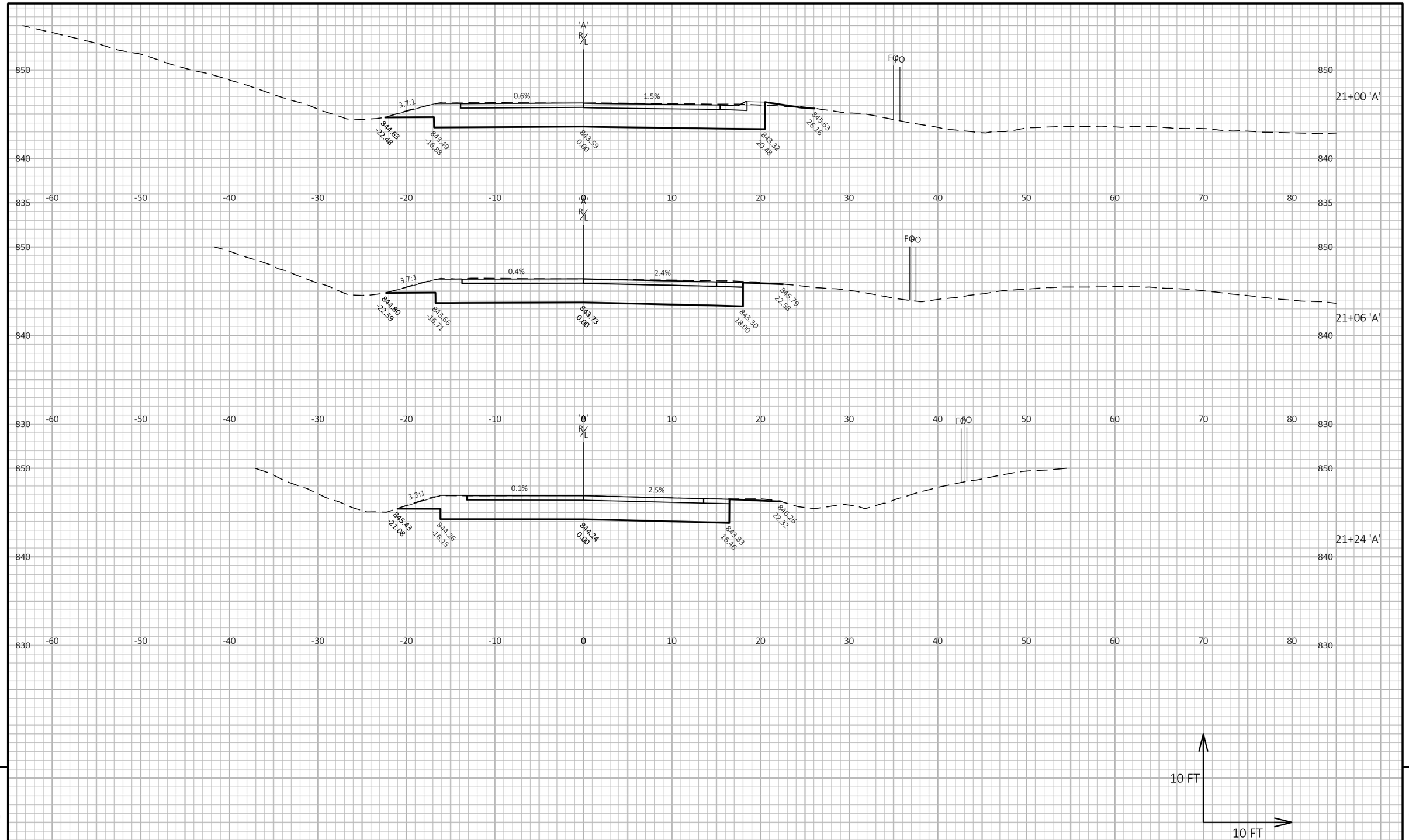
PLOT DATE : 8/31/2024 5:28 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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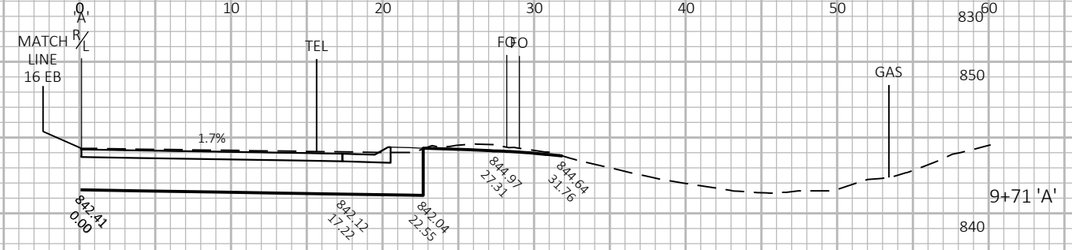
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: GOPHER HILL ROAD ('A')	SHEET 817	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090214_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Gopher-N2

PLOT DATE : 8/31/2024 5:28 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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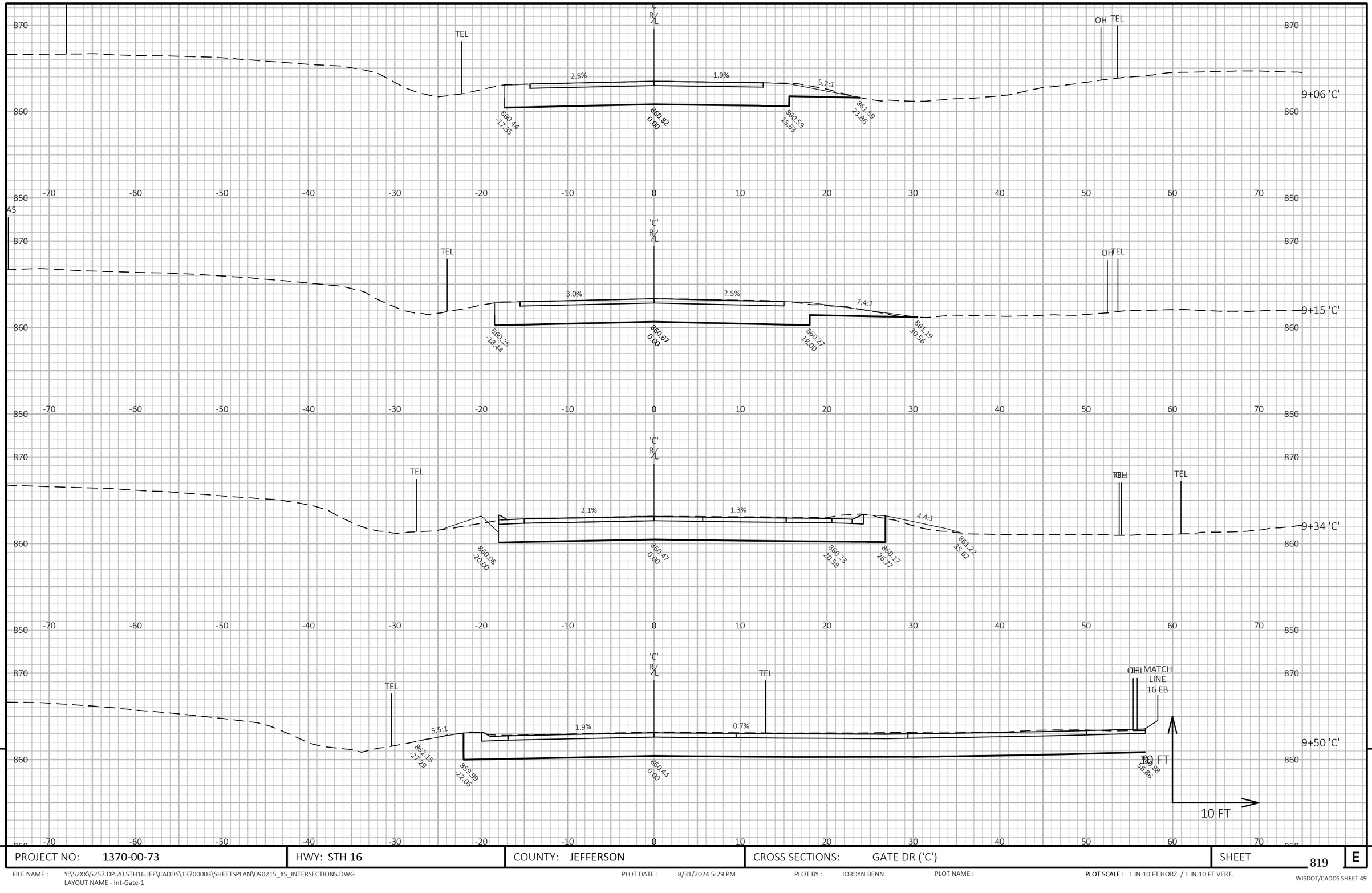
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: GOPHER HILL ROAD ('A')	SHEET 818	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090214_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Gopher-S3

PLOT DATE : 8/31/2024 5:28 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: GATE DR ('C')	SHEET 819	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090215_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Gate-1

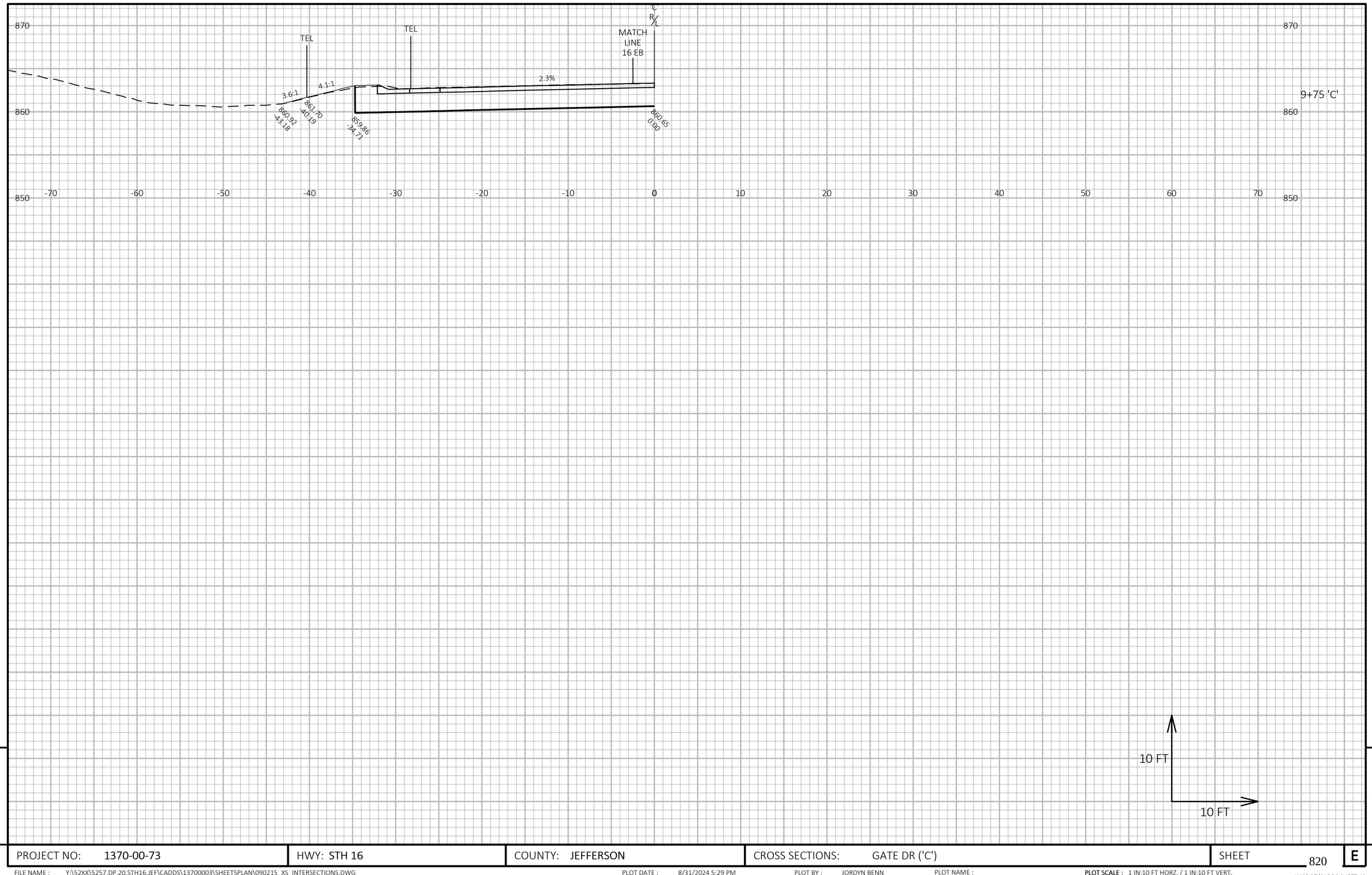
PLOT DATE : 8/31/2024 5:29 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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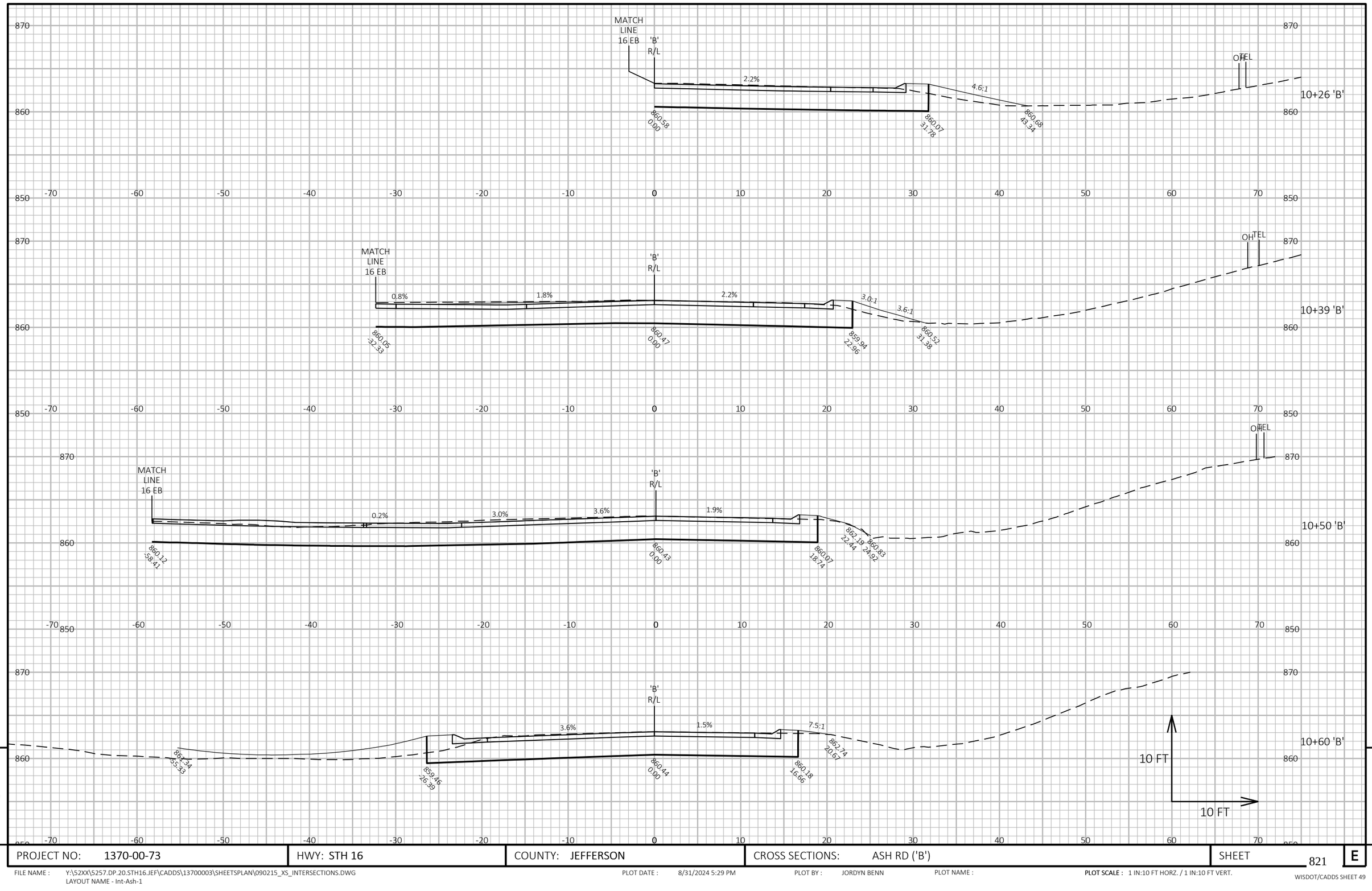
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: GATE DR ('C')	SHEET 820	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090215_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Gate-2

PLOT DATE : 8/31/2024 5:29 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: ASH RD ('B')	SHEET 821	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090215_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Ash-1

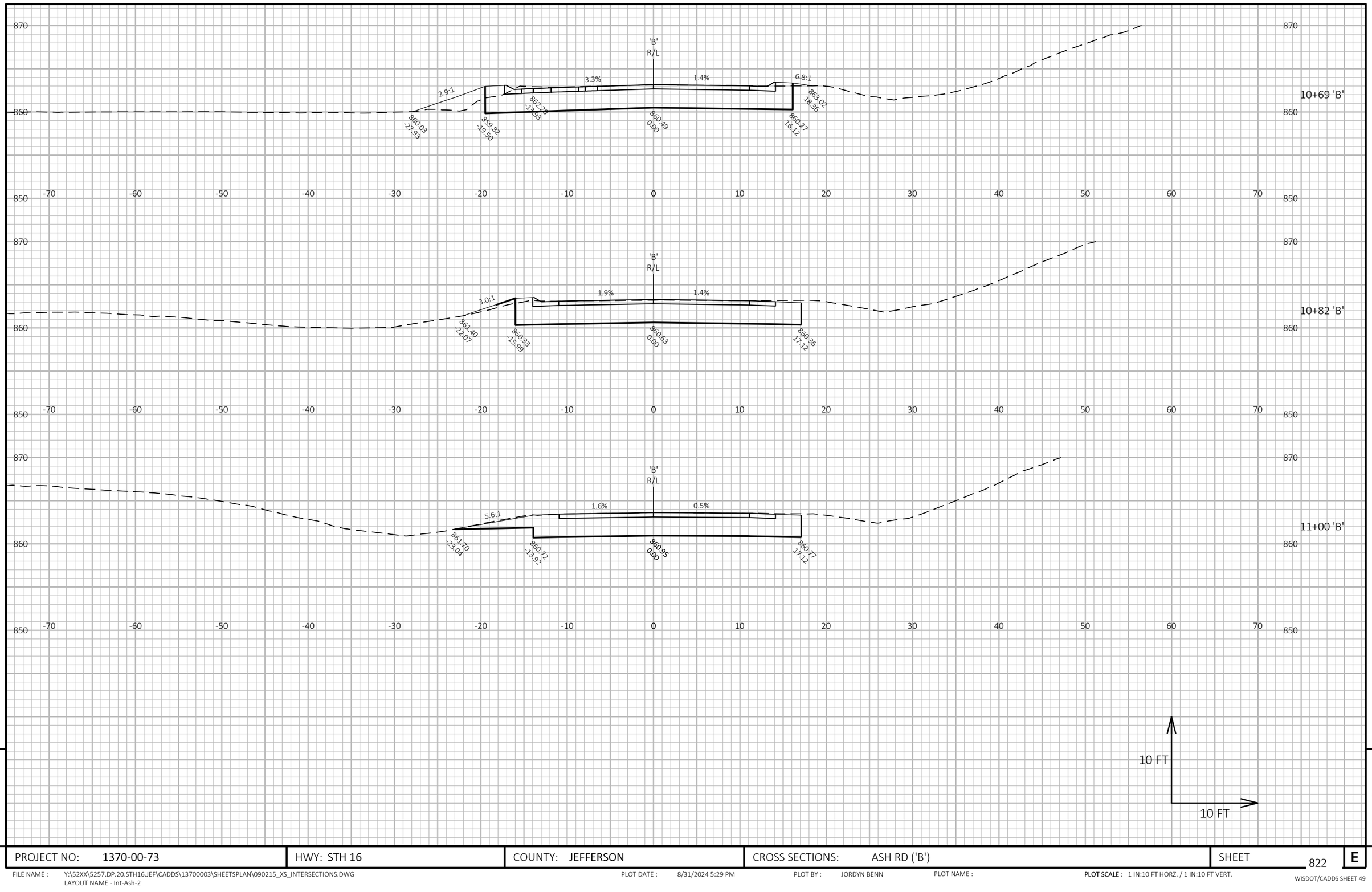
PLOT DATE : 8/31/2024 5:29 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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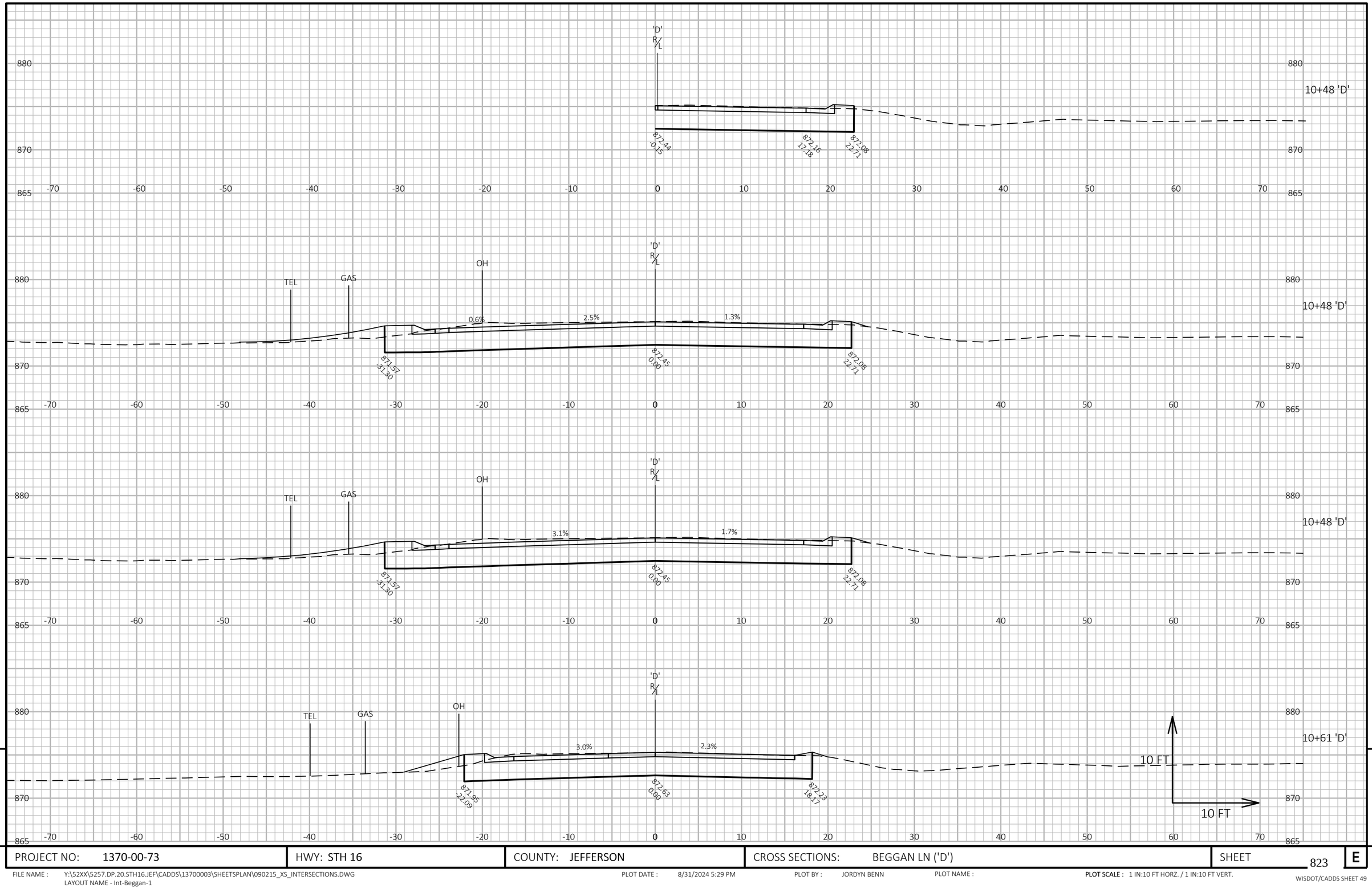
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: ASH RD ('B')	SHEET 822	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090215_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Ash-2

PLOT DATE : 8/31/2024 5:29 PM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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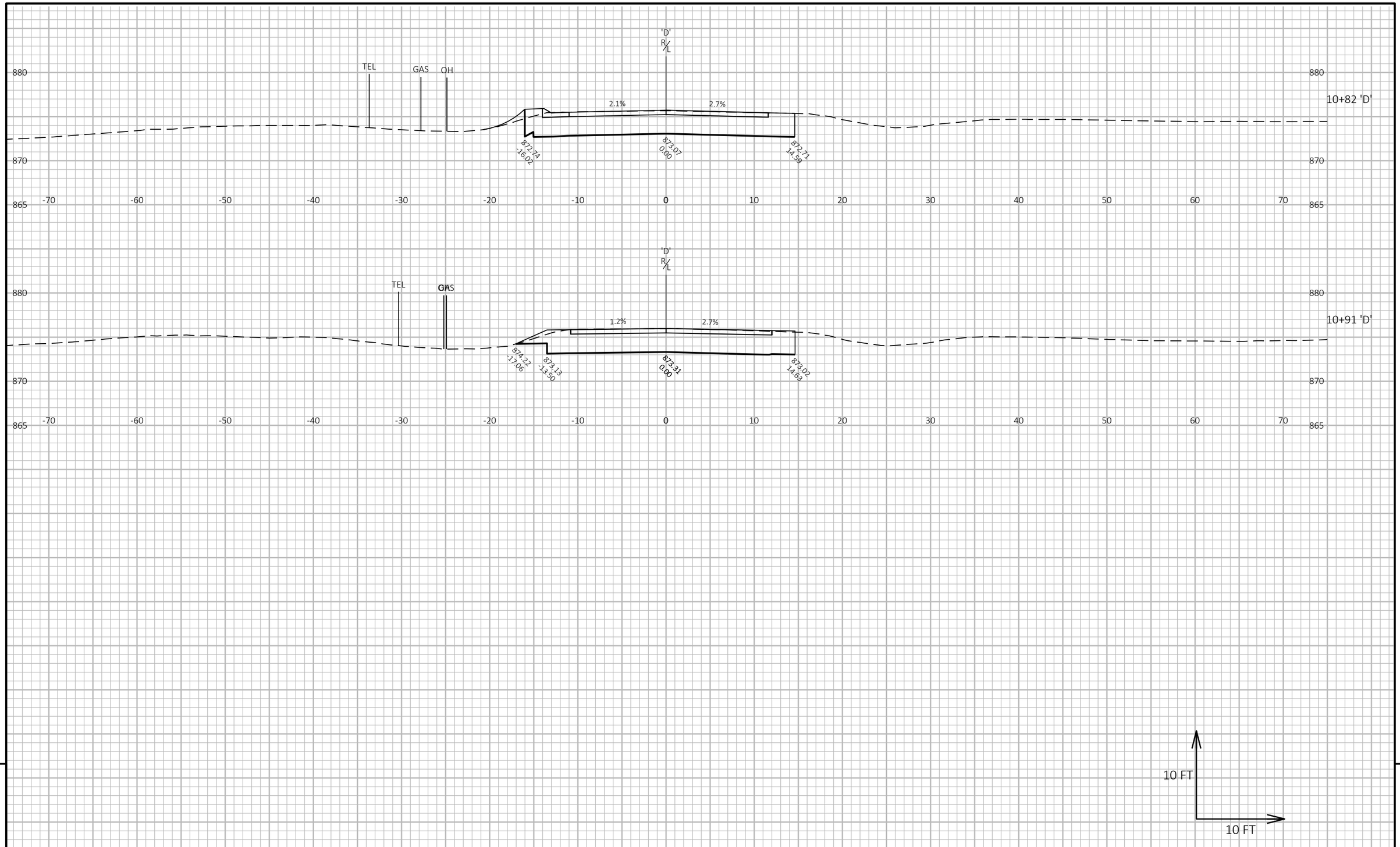
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: BEGGAN LN ('D')	SHEET 823	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090215_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Beggan-1

PLOT DATE : 8/31/2024 5:29 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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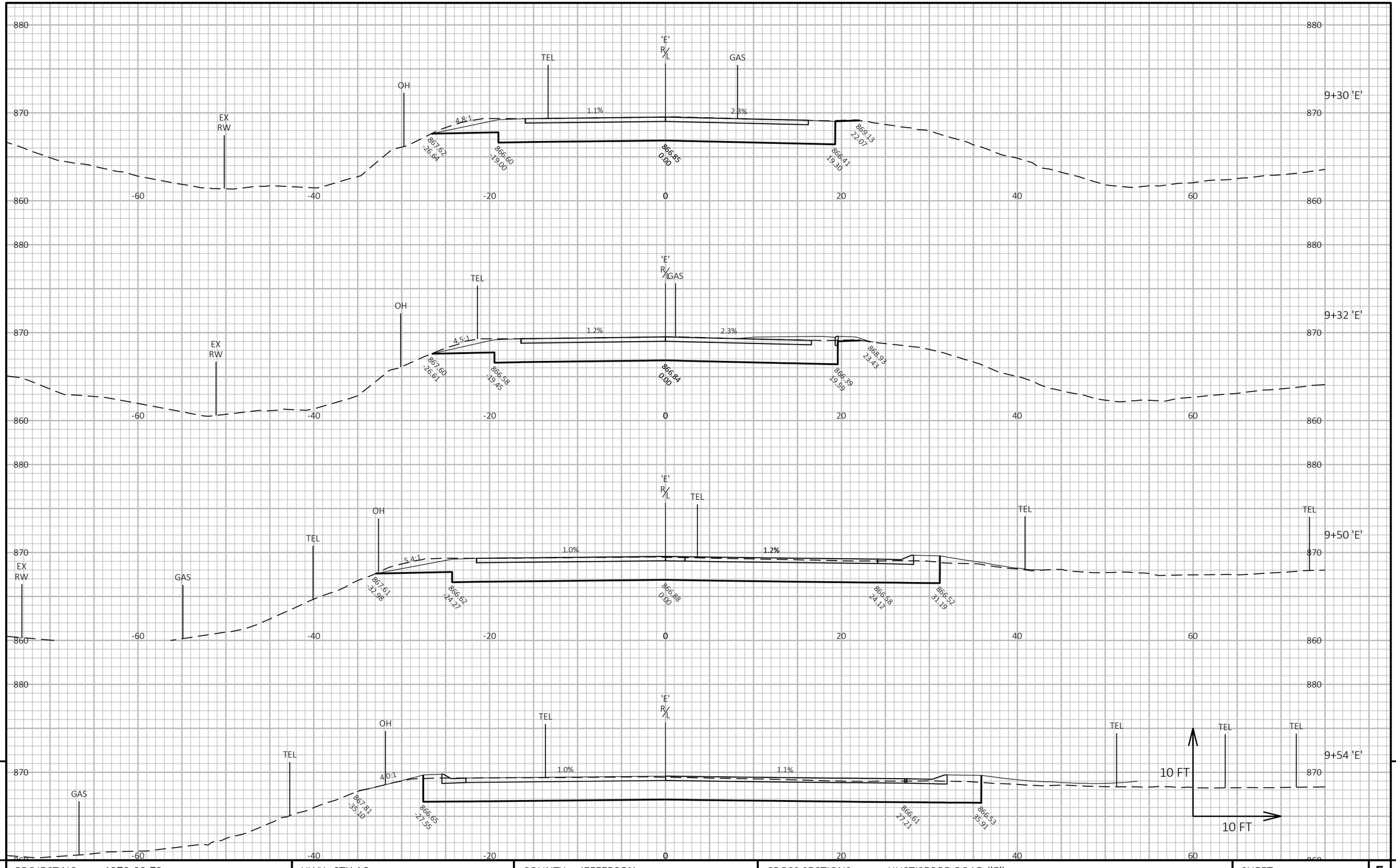
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: BEGGAN LN ('D')	SHEET 824	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090215_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Beggan-2

PLOT DATE : 8/31/2024 5:30 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: HUSTISFORD ROAD ('E')	SHEET 825	E

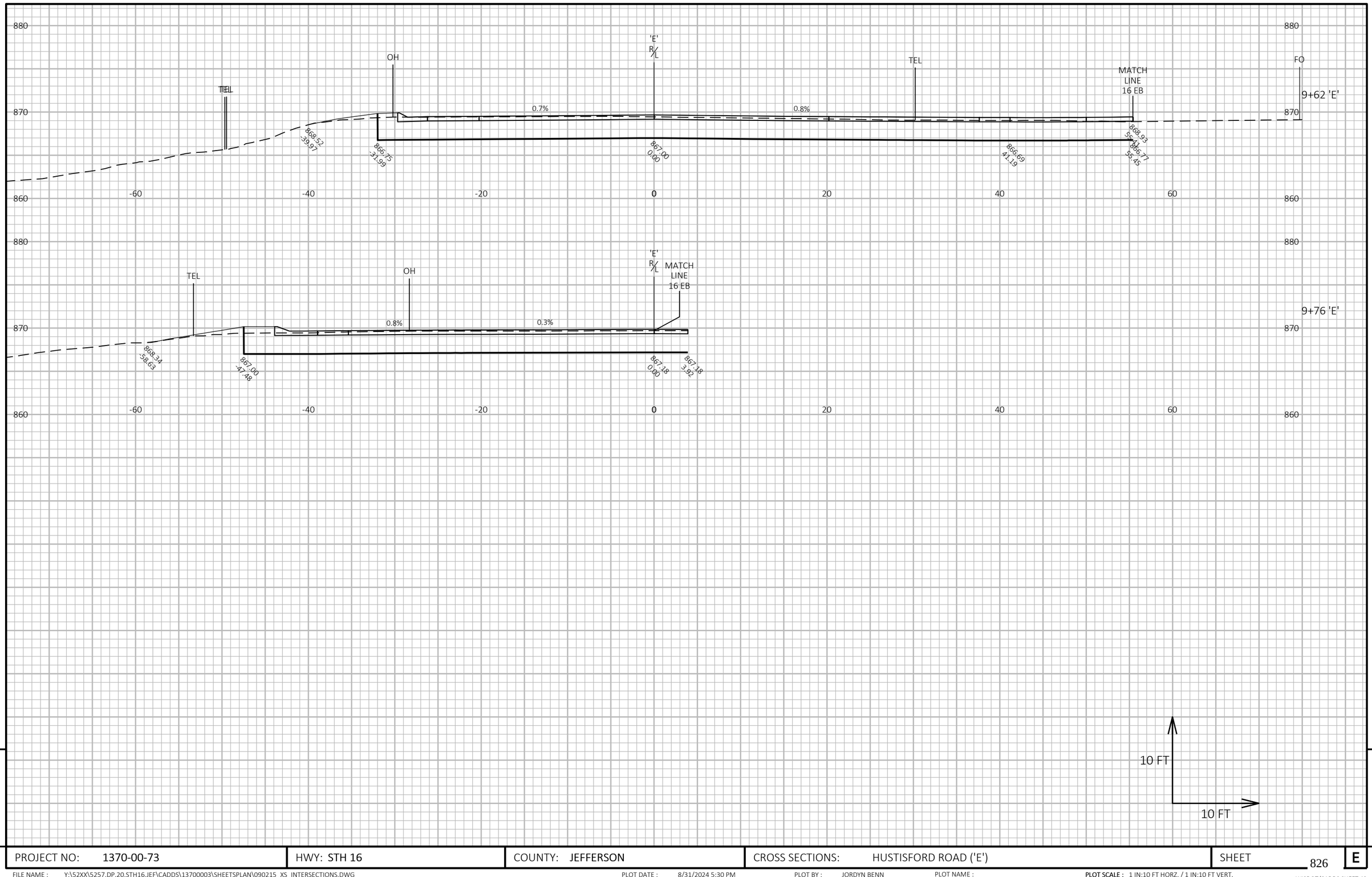
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090215_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Hutisford-S1

PLOT DATE : 8/31/2024 5:30 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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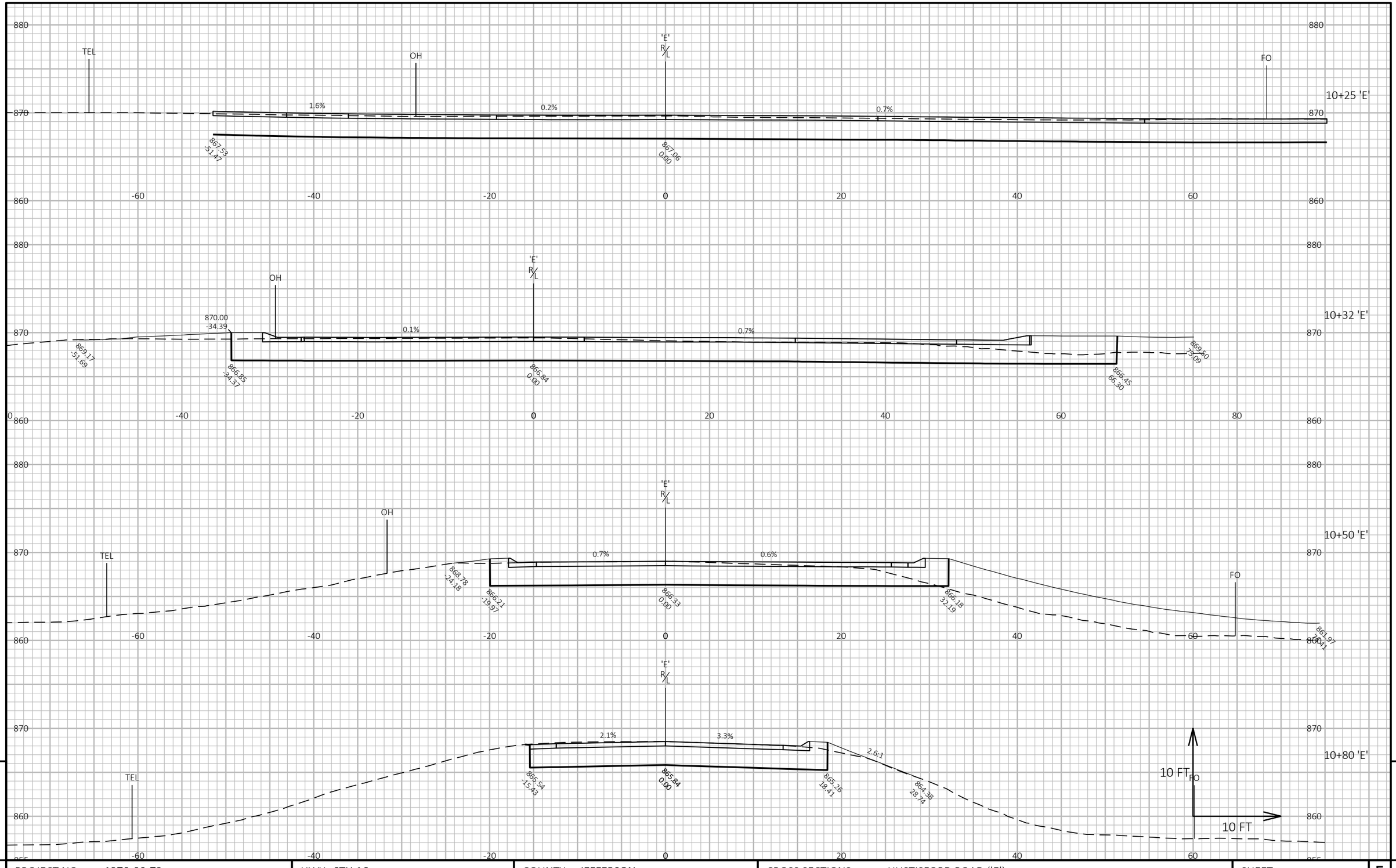
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: HUSTISFORD ROAD ('E')	SHEET 826	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090215_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Hutisford-S2

PLOT DATE : 8/31/2024 5:30 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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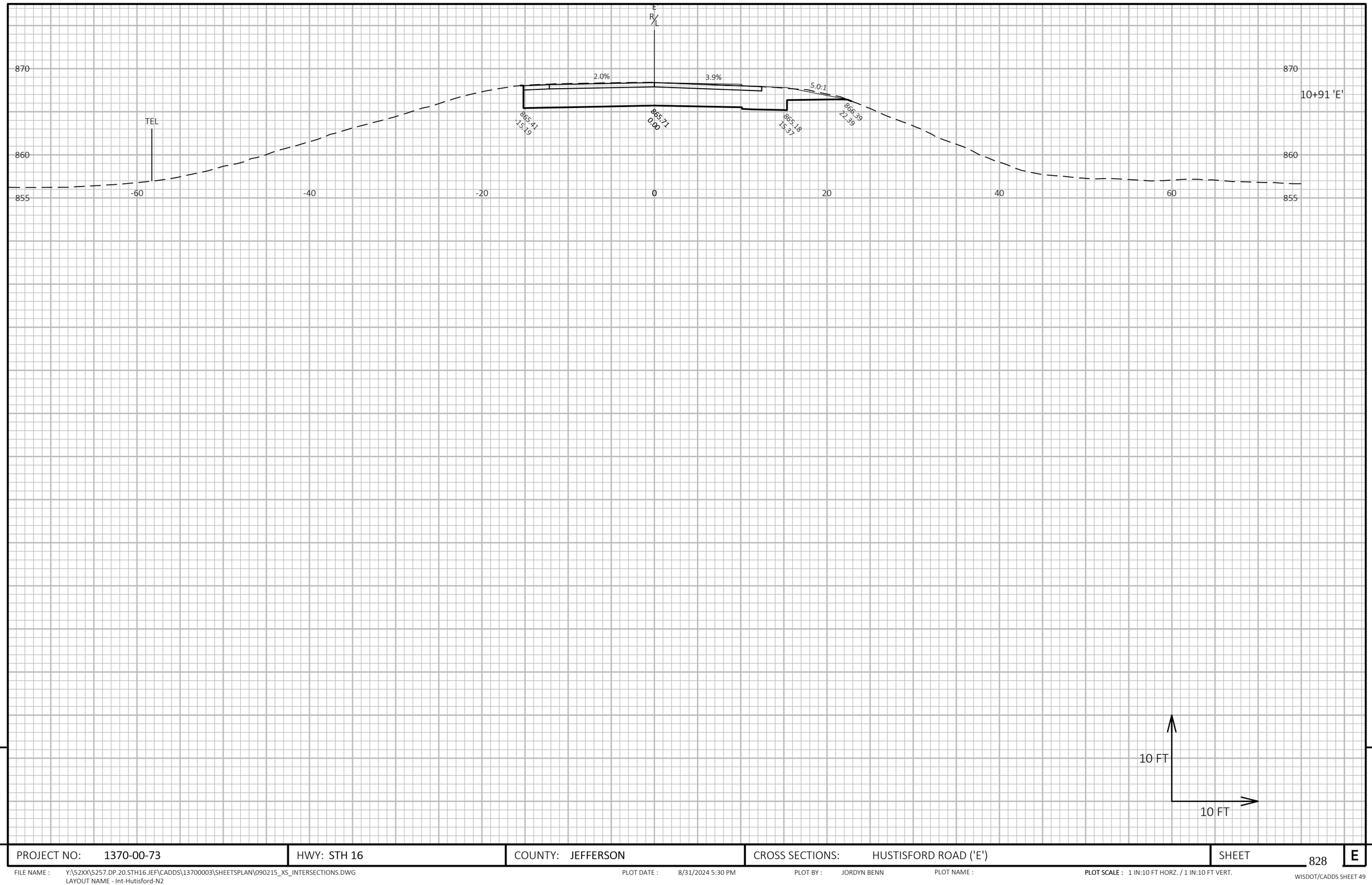
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: HUSTISFORD ROAD ('E')	SHEET 827	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090215_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Hutisford-N1

PLOT DATE : 8/31/2024 5:30 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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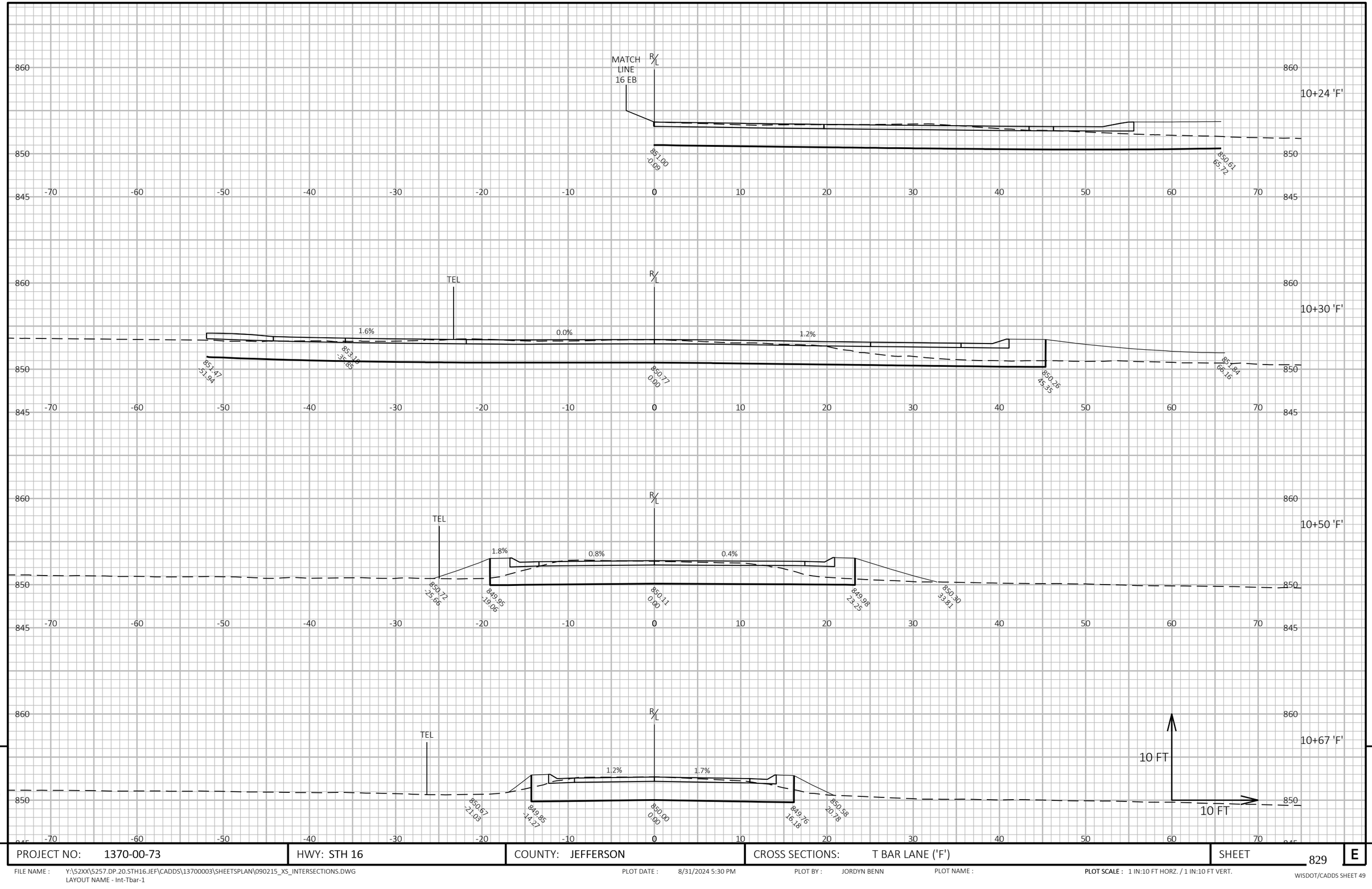
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: HUSTISFORD ROAD ('E')	SHEET 828	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090215_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Hutisford-N2

PLOT DATE : 8/31/2024 5:30 PM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: T BAR LANE ('F')	SHEET 829	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090215_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Tbar-1

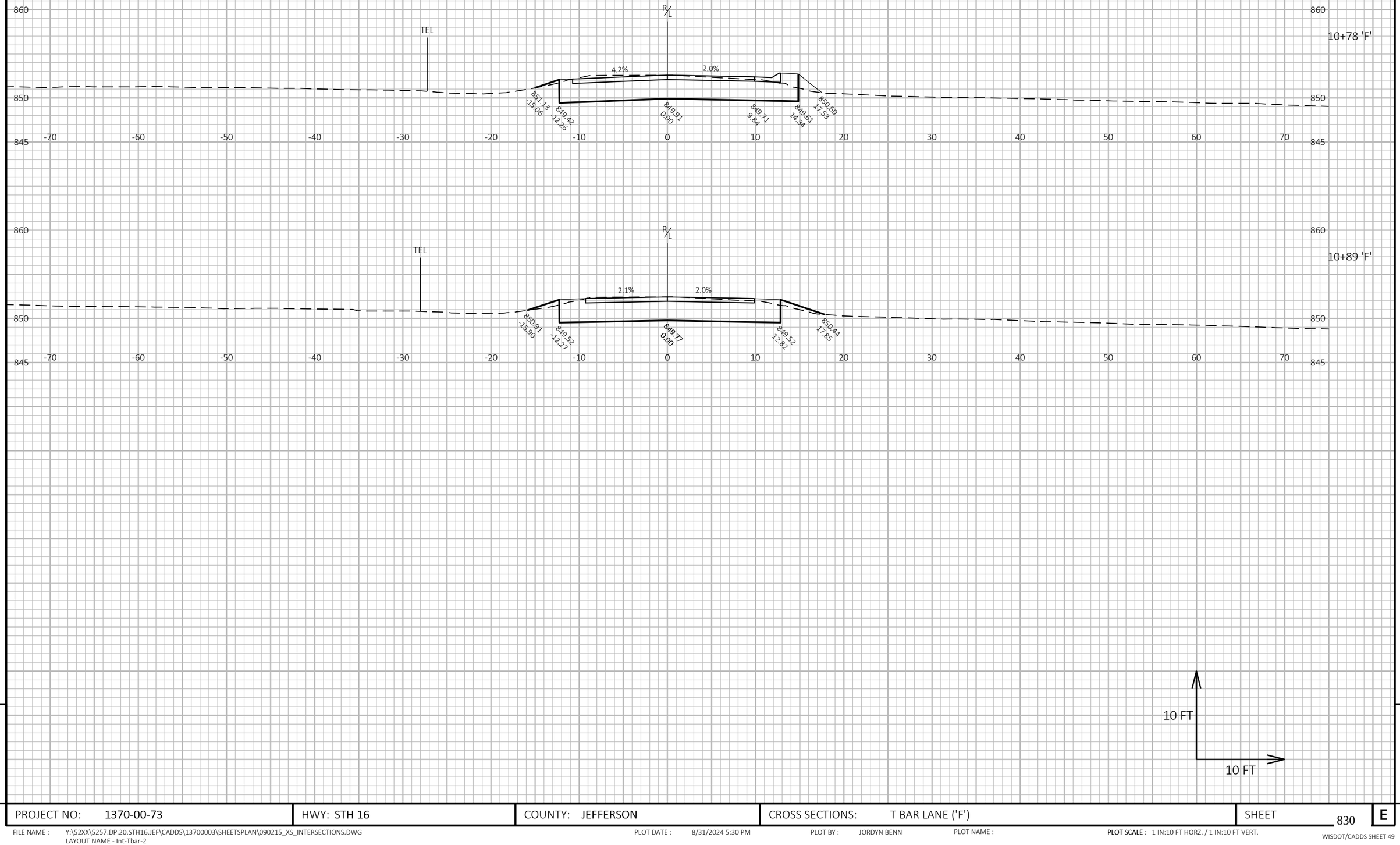
PLOT DATE : 8/31/2024 5:30 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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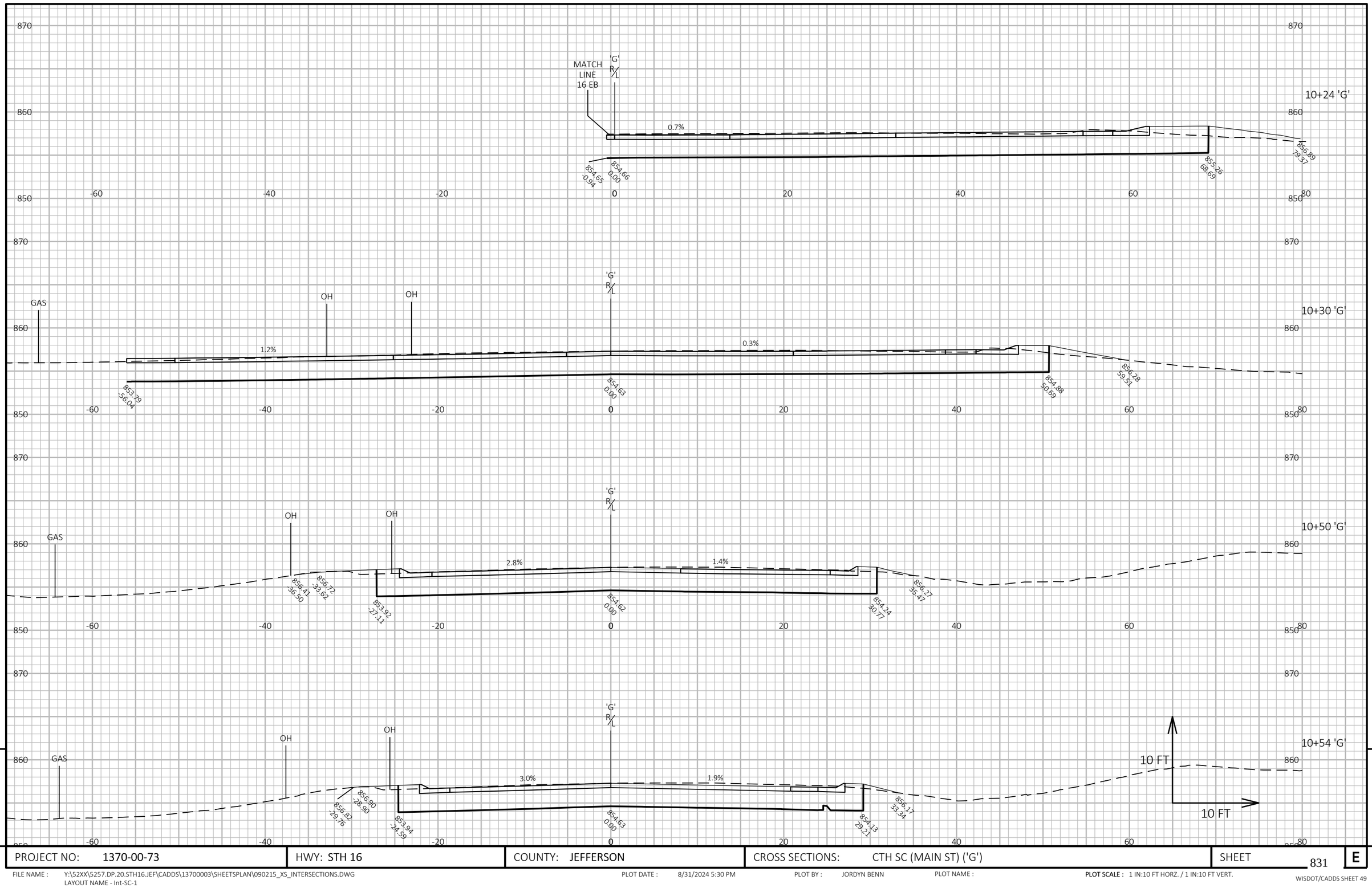
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: T BAR LANE ('F')	SHEET 830	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090215_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Tbar-2

PLOT DATE : 8/31/2024 5:30 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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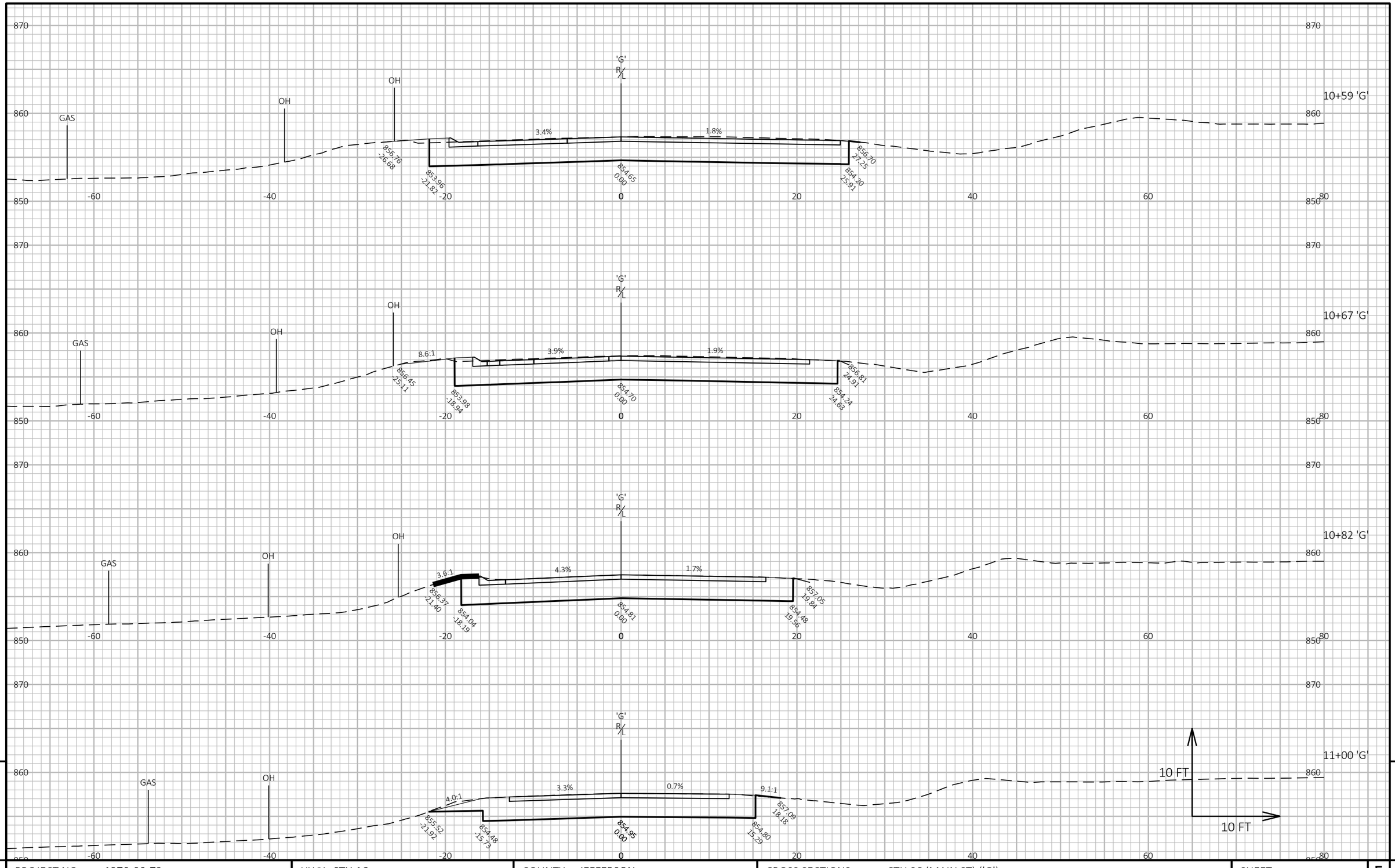
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: CTH SC (MAIN ST) ('G')	SHEET 831	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090215_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-SC-1

PLOT DATE : 8/31/2024 5:30 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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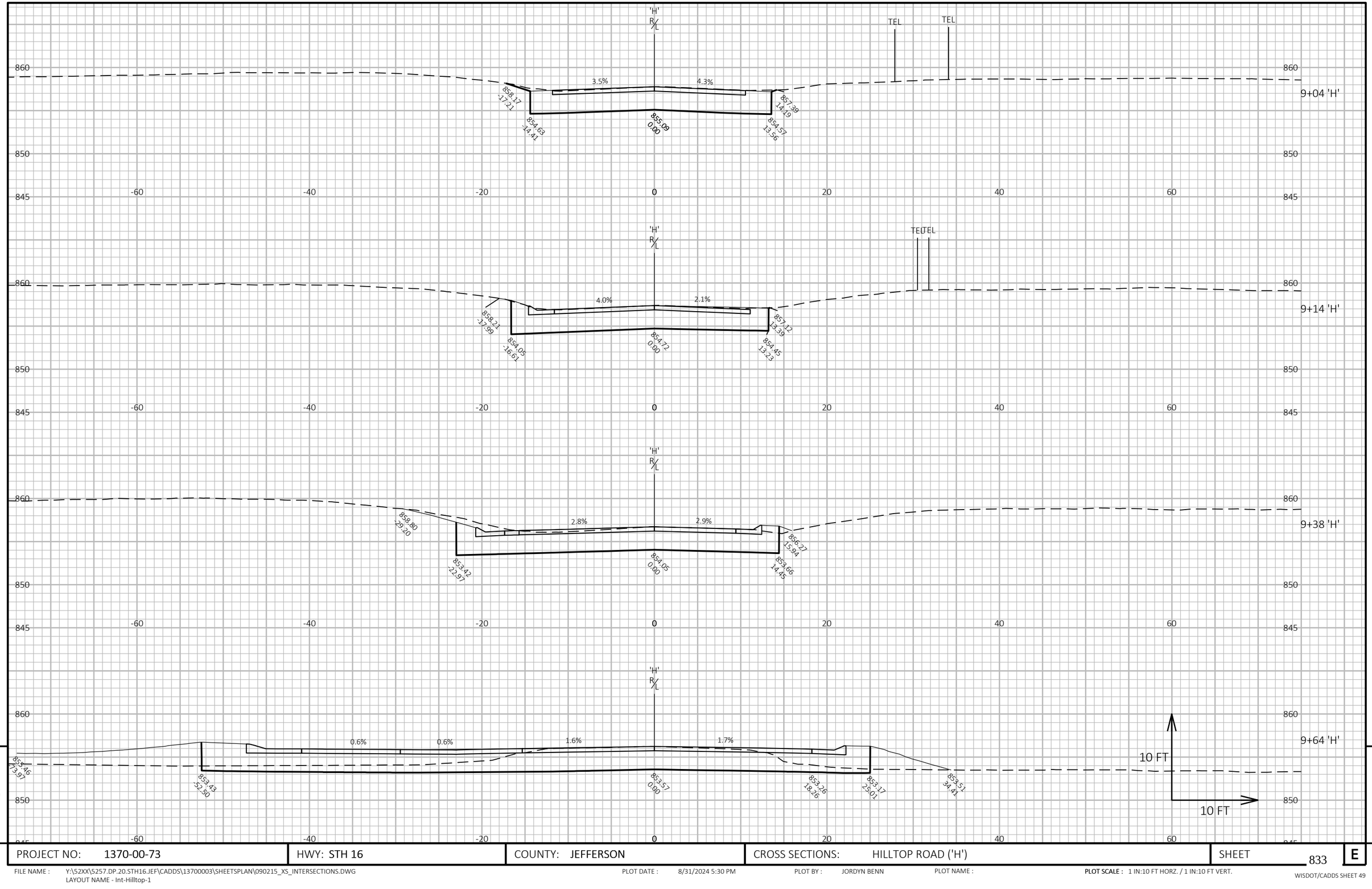
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: CTH SC (MAIN ST) ('G')	SHEET 832	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090215_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-SC-2

PLOT DATE : 8/31/2024 5:30 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

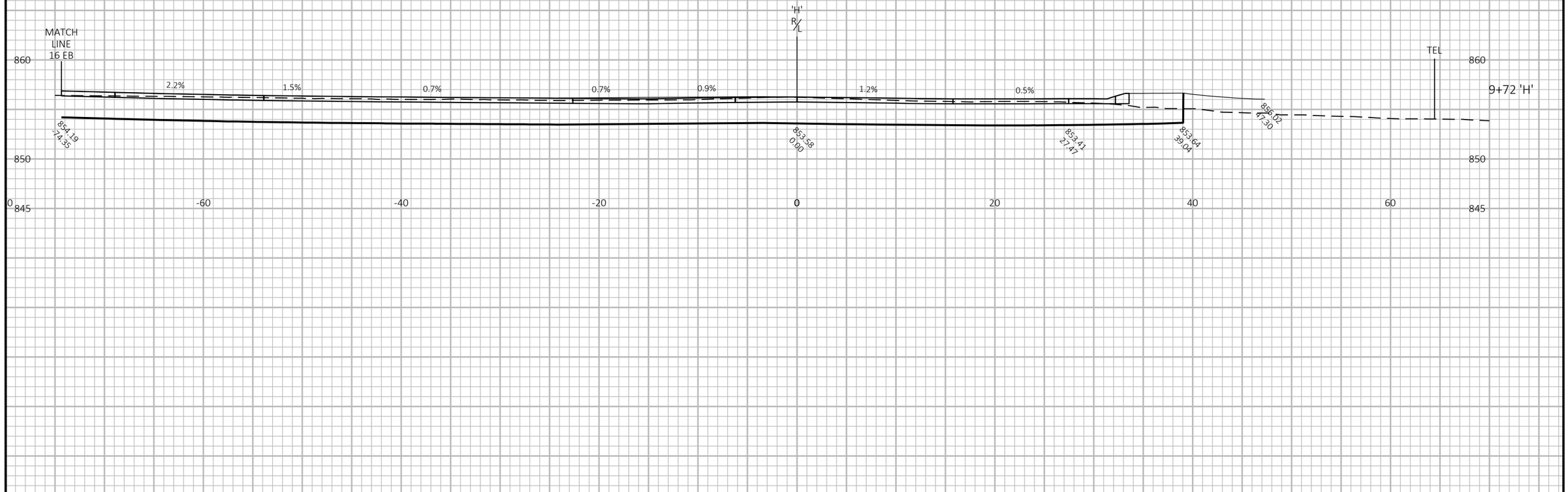


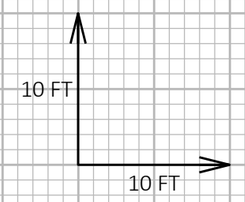
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: HILLTOP ROAD ('H')	SHEET 833 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090215_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Hilltop-1

PLOT DATE : 8/31/2024 5:30 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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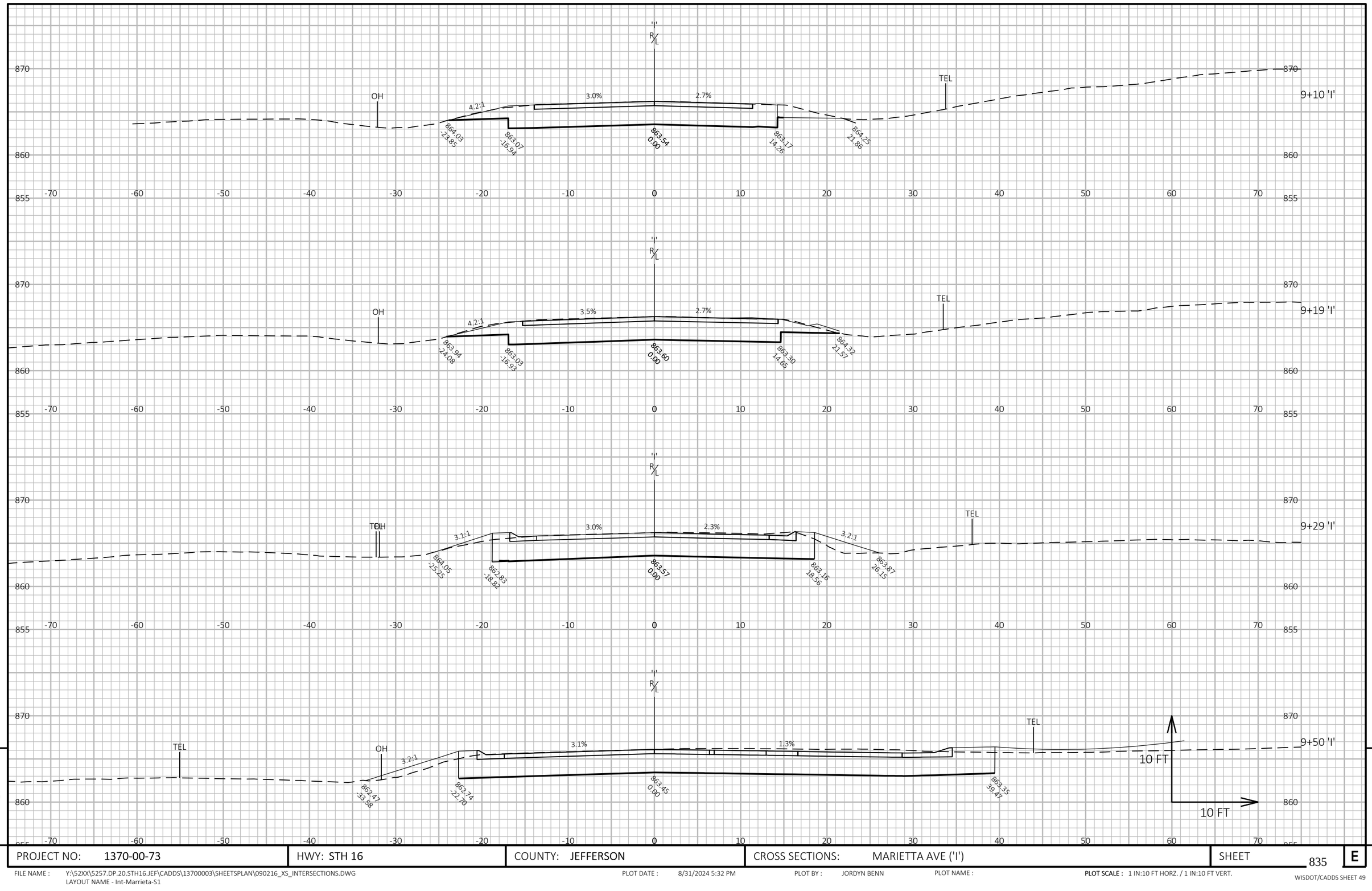
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: HILLTOP ROAD ('H')	SHEET 834	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090215_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Hilltop-2

PLOT DATE : 8/31/2024 5:30 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

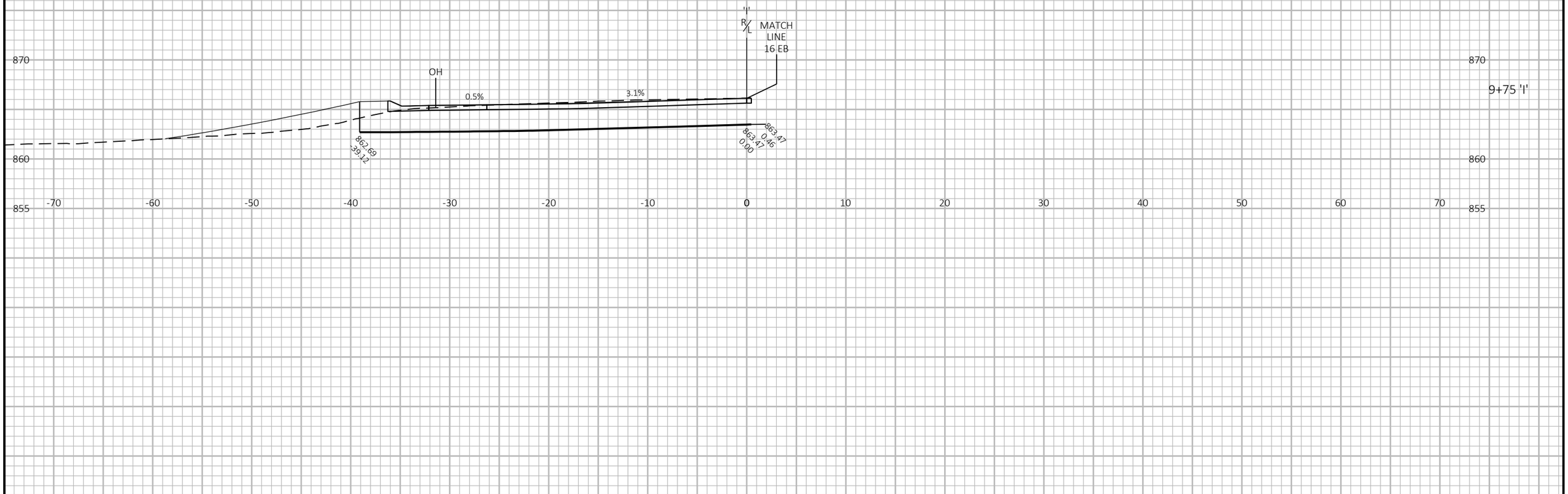


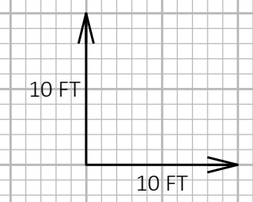
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: MARIETTA AVE ('I')	SHEET 835	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Marrieta-S1

PLOT DATE : 8/31/2024 5:32 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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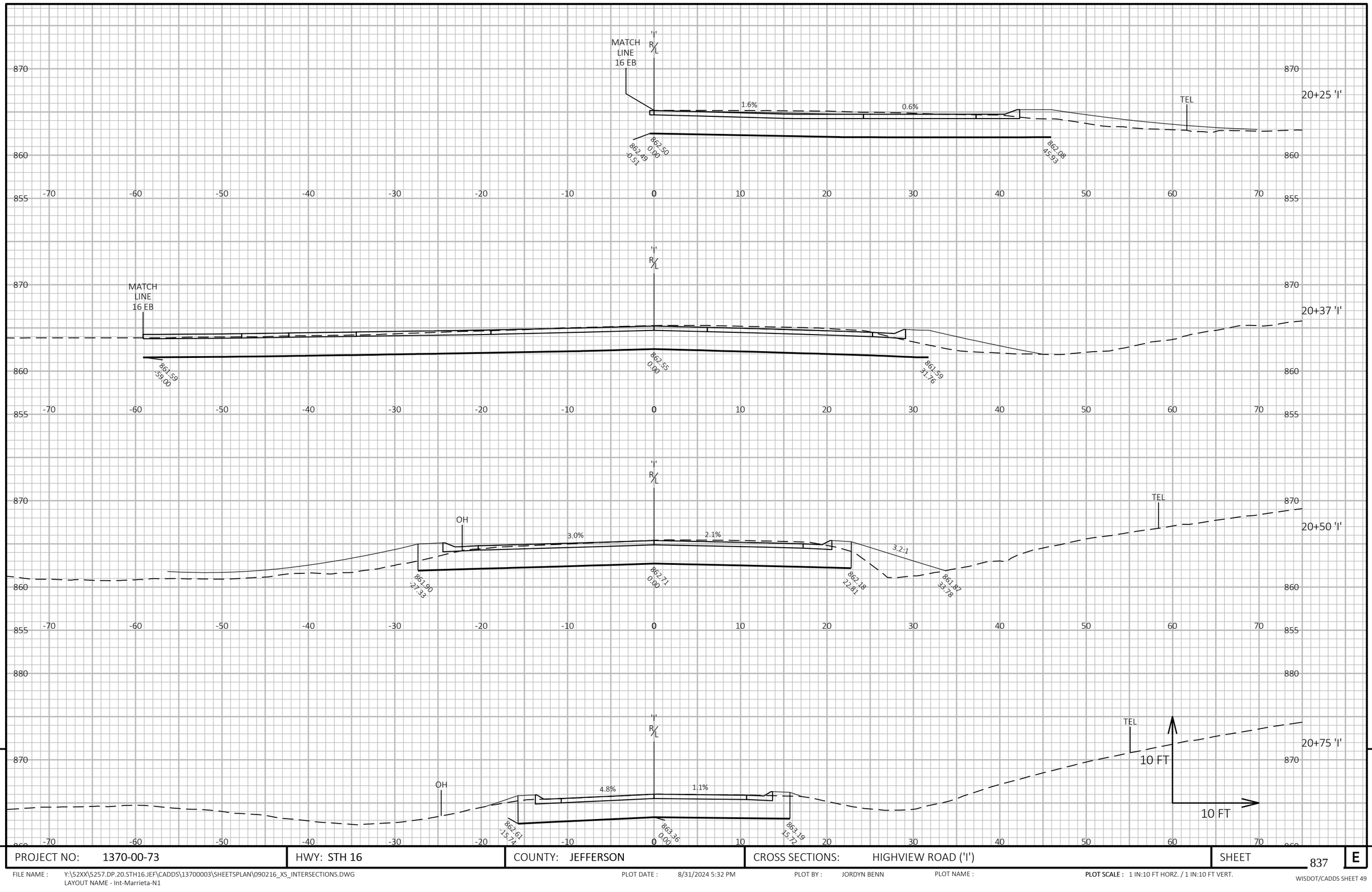
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: MARIETTA AVE ('I')	SHEET 836	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Marrieta-S2

PLOT DATE : 8/31/2024 5:32 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: HIGHVIEW ROAD ('I')	SHEET 837	E

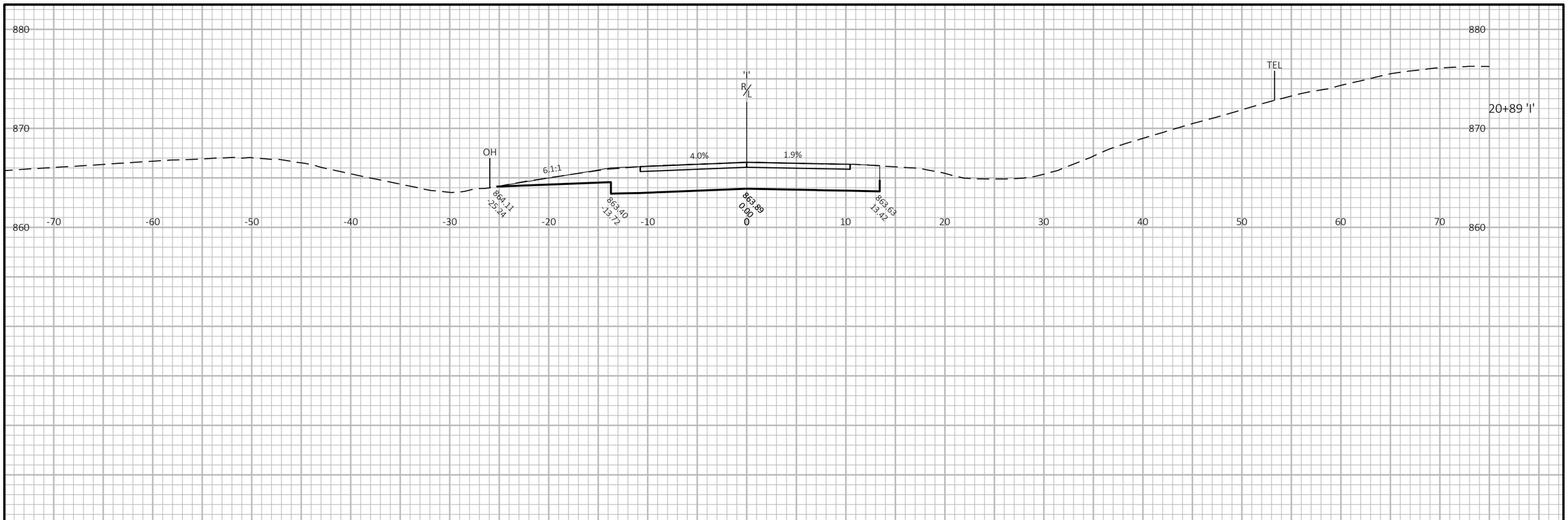
FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Marrieta-N1

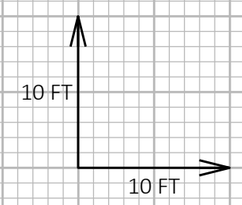
PLOT DATE : 8/31/2024 5:32 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.





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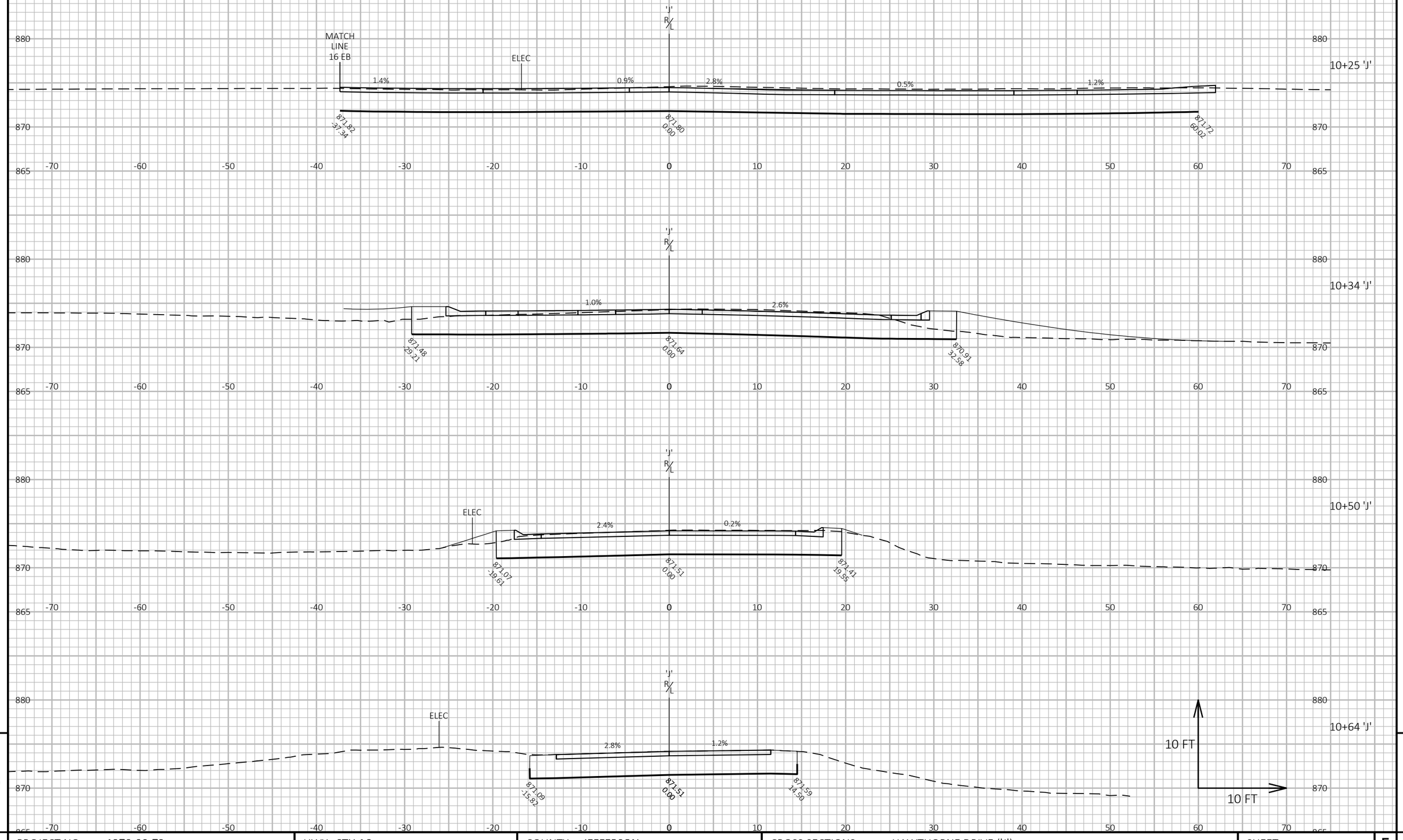
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: HIGHVIEW ROAD ('I')	SHEET 838	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Marrieta-N2

PLOT DATE : 8/31/2024 5:32 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

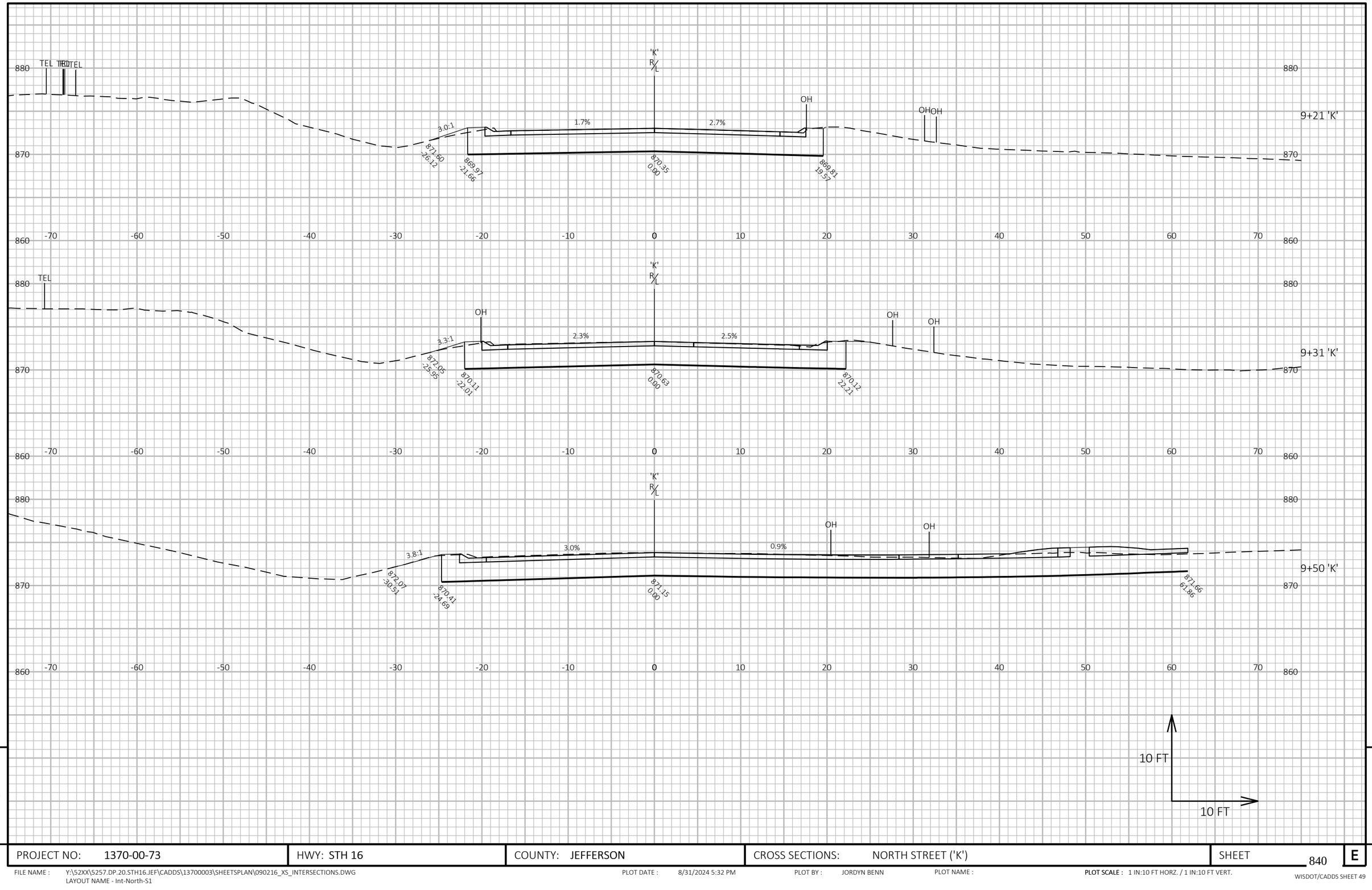


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: HAWTHORNE DRIVE ('J')	SHEET 839	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Hawthorne

PLOT DATE : 8/31/2024 5:32 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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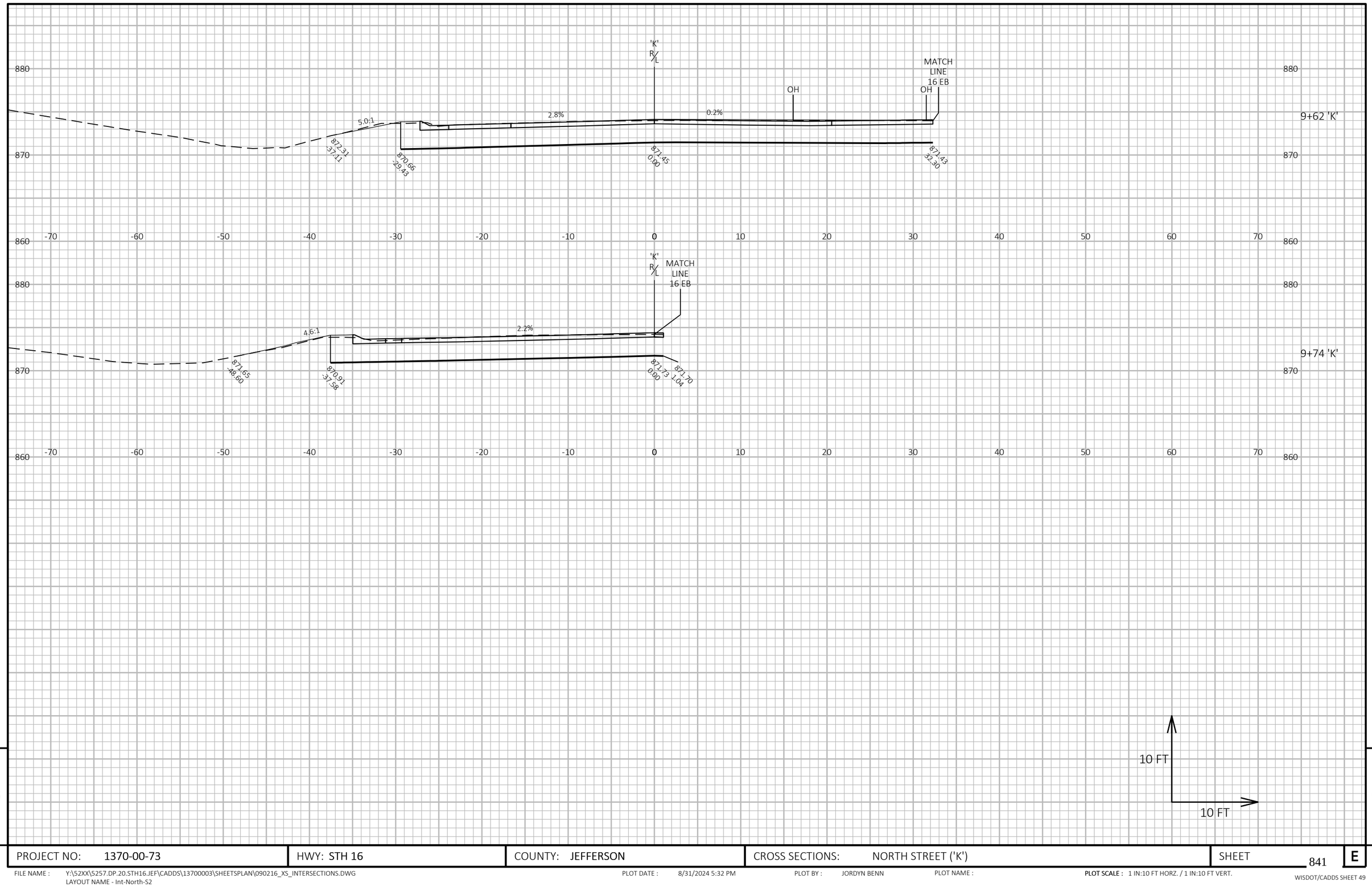
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: NORTH STREET ('K')	SHEET 840	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-North-S1

PLOT DATE : 8/31/2024 5:32 PM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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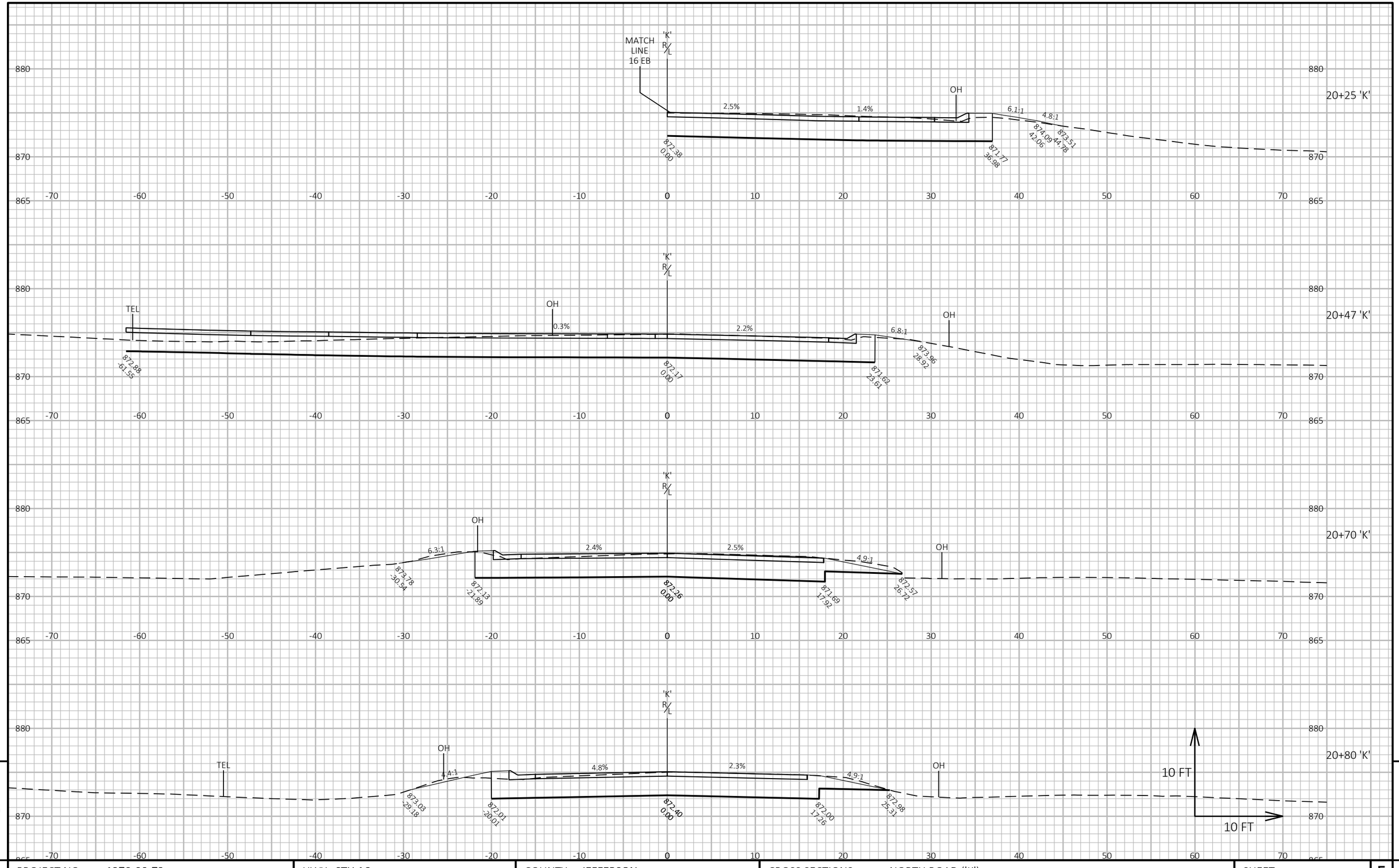
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: NORTH STREET ('K')	SHEET 841	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-North-S2

PLOT DATE : 8/31/2024 5:32 PM PLOT BY : JORDYN BENN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

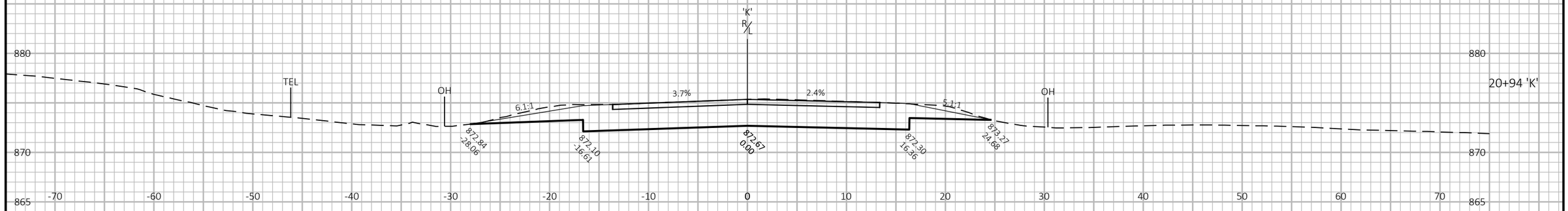


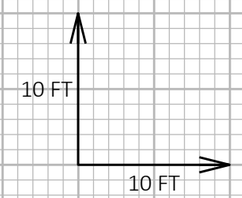
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: NORTH ROAD ('K')	SHEET 842	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-North-N1

PLOT DATE : 8/31/2024 5:32 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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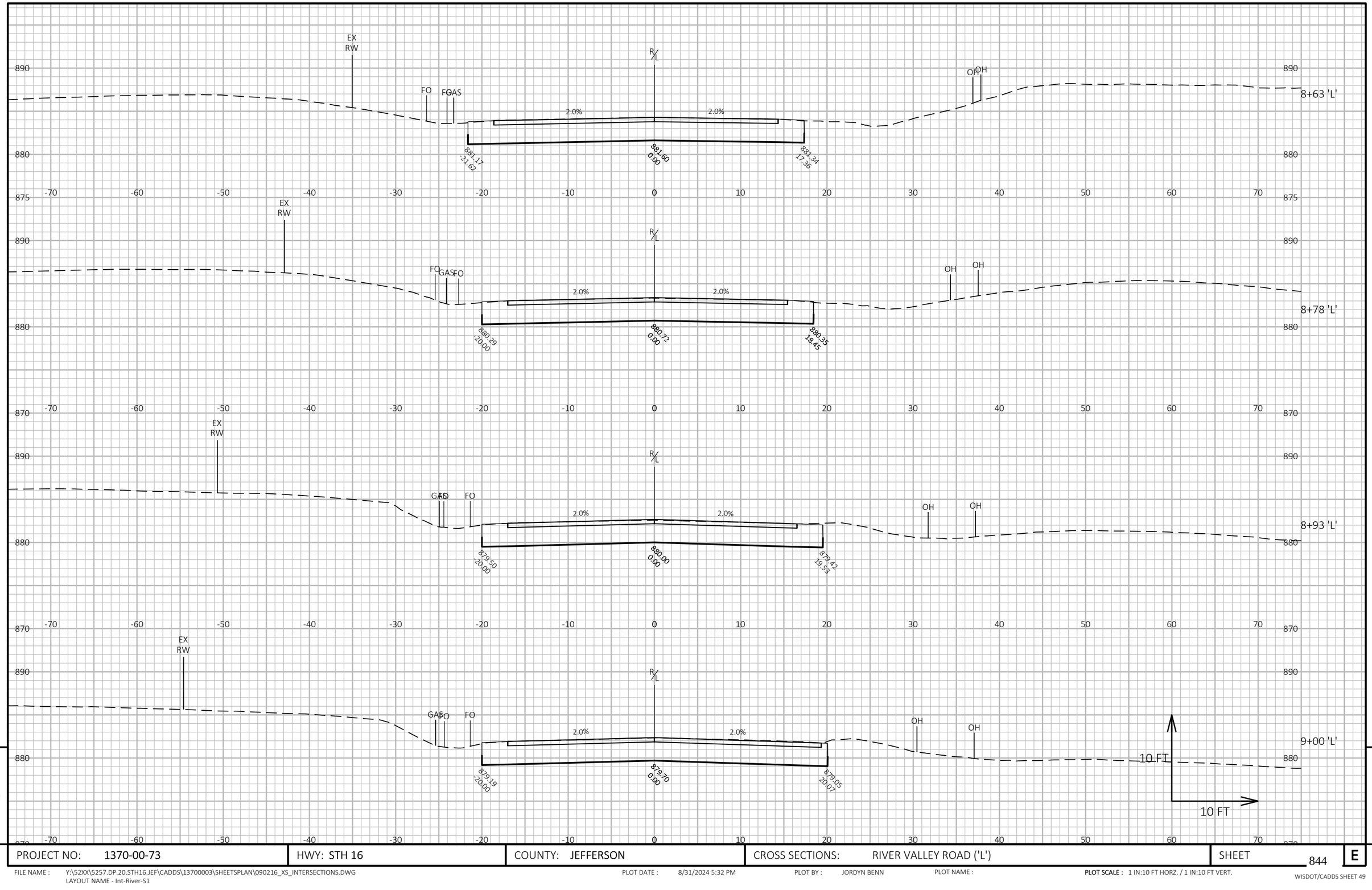
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: NORTH ROAD ('K')	SHEET 843	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-North-N2

PLOT DATE : 8/31/2024 5:32 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: RIVER VALLEY ROAD ('L')	SHEET 844	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-River-S1

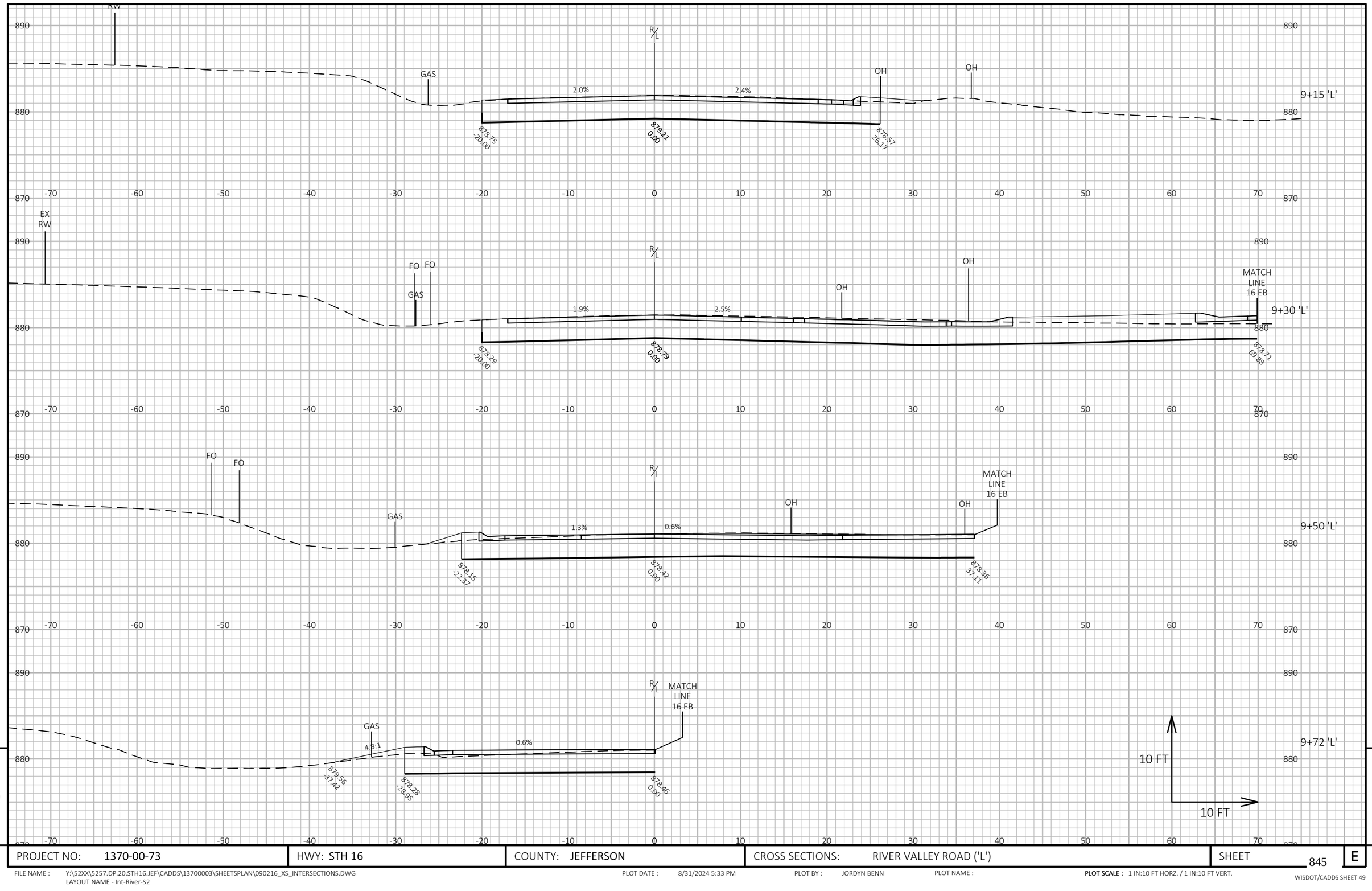
PLOT DATE : 8/31/2024 5:32 PM

PLOT BY : JORDYN BENN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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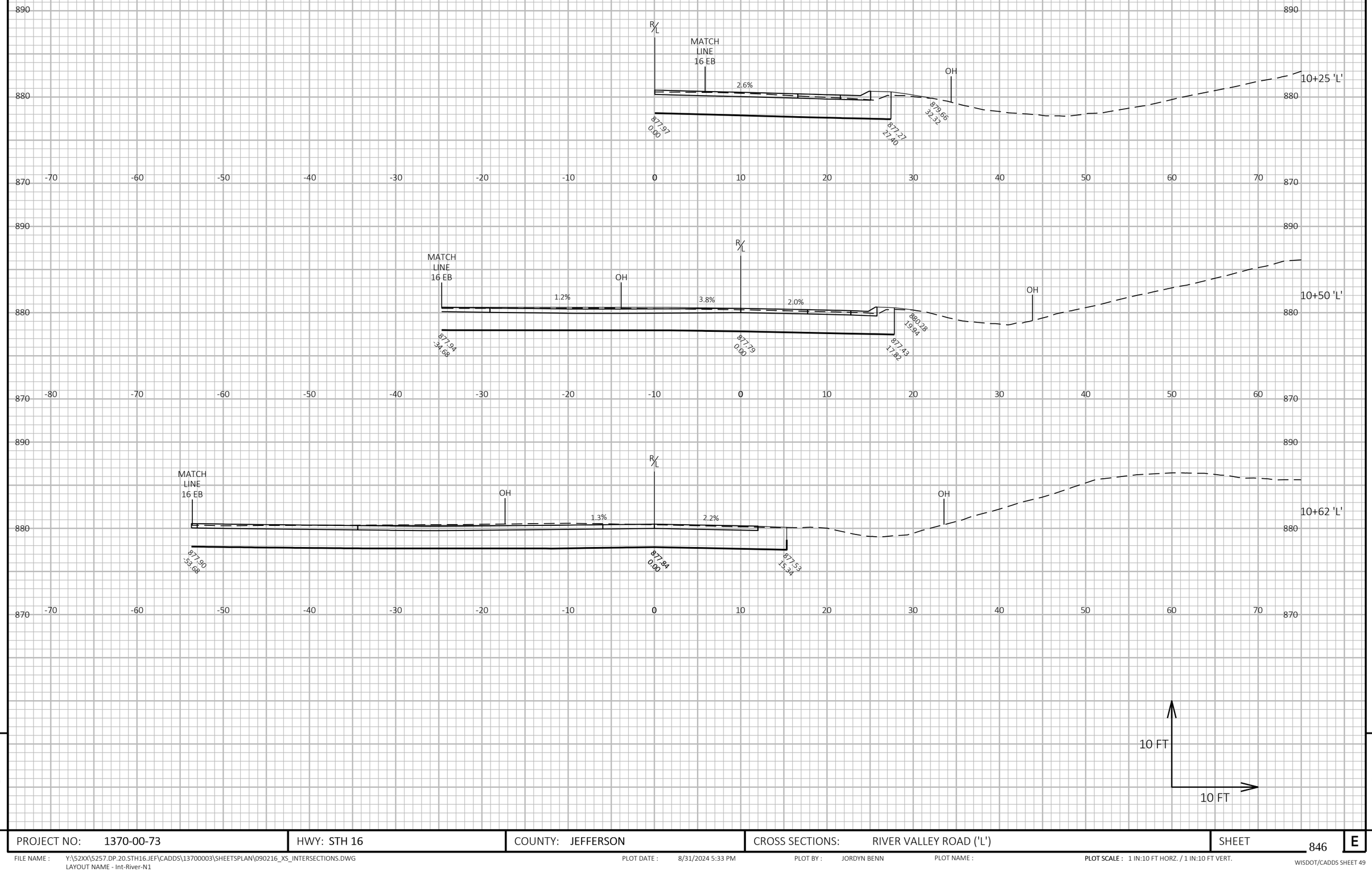
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: RIVER VALLEY ROAD ('L')	SHEET 845	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-River-S2

PLOT DATE : 8/31/2024 5:33 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

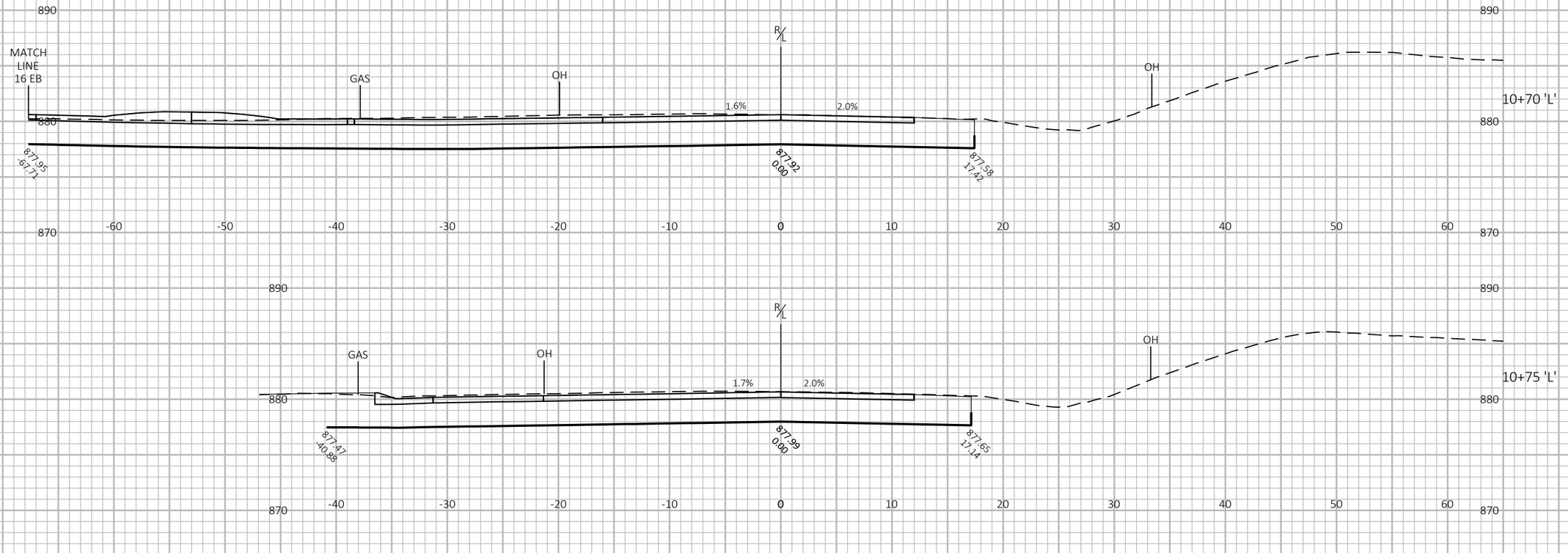


PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: RIVER VALLEY ROAD ('L')	SHEET 846 E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-River-N1

PLOT DATE : 8/31/2024 5:33 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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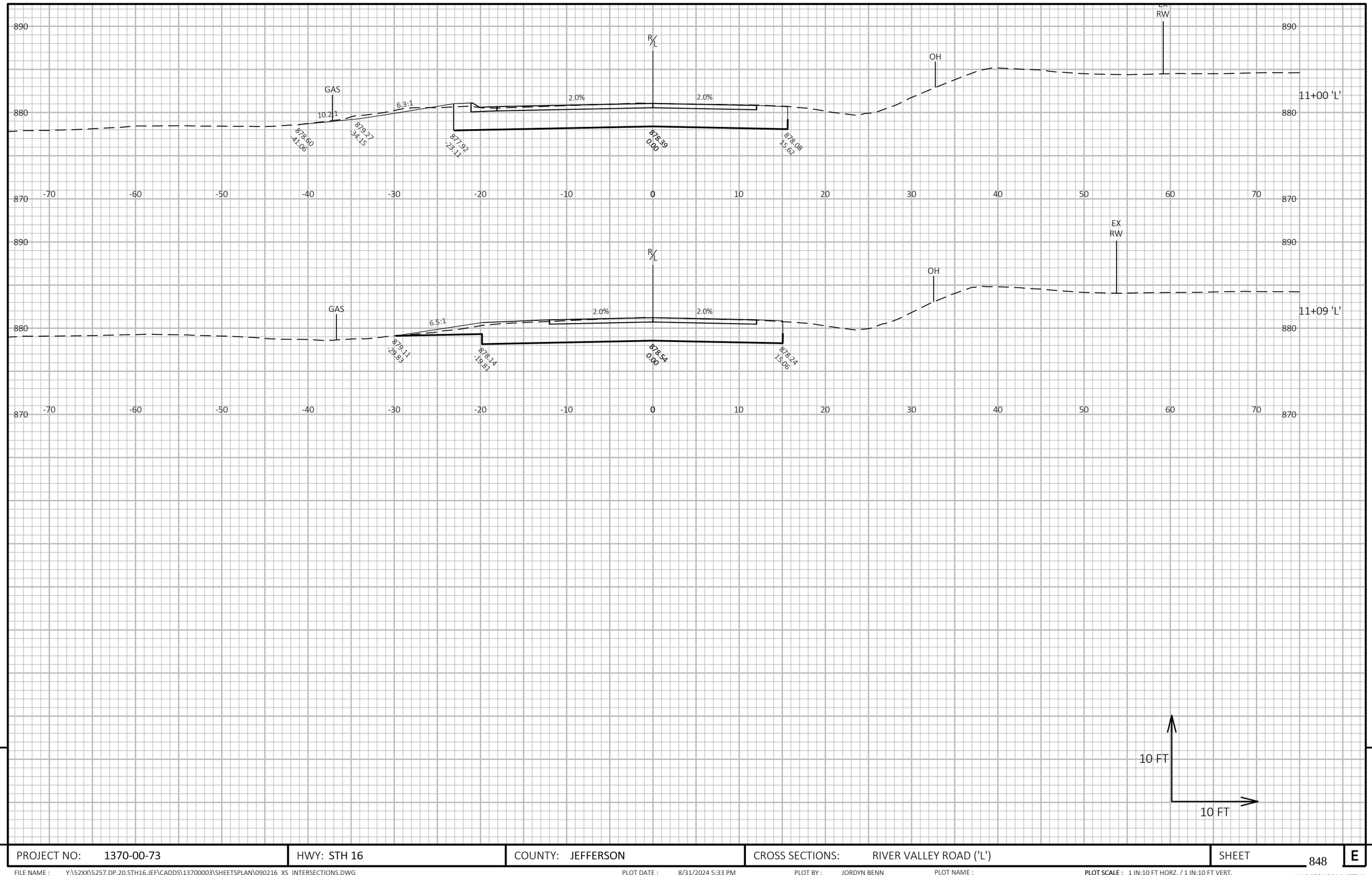
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: RIVER VALLEY ROAD ('L')	SHEET 847	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-River-N2

PLOT DATE : 8/31/2024 5:33 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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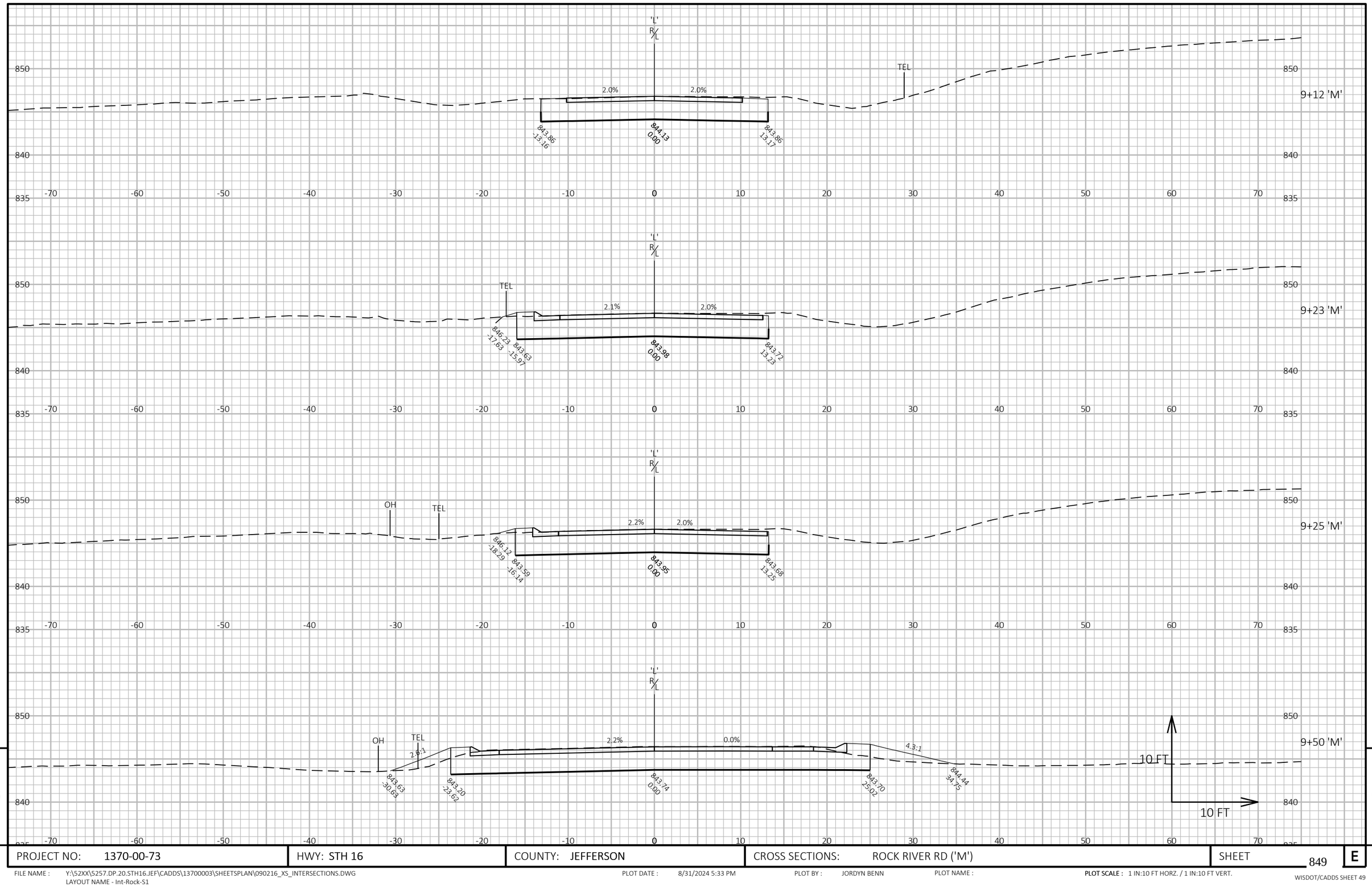
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: RIVER VALLEY ROAD ('L')	SHEET 848	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-River-N3

PLOT DATE : 8/31/2024 5:33 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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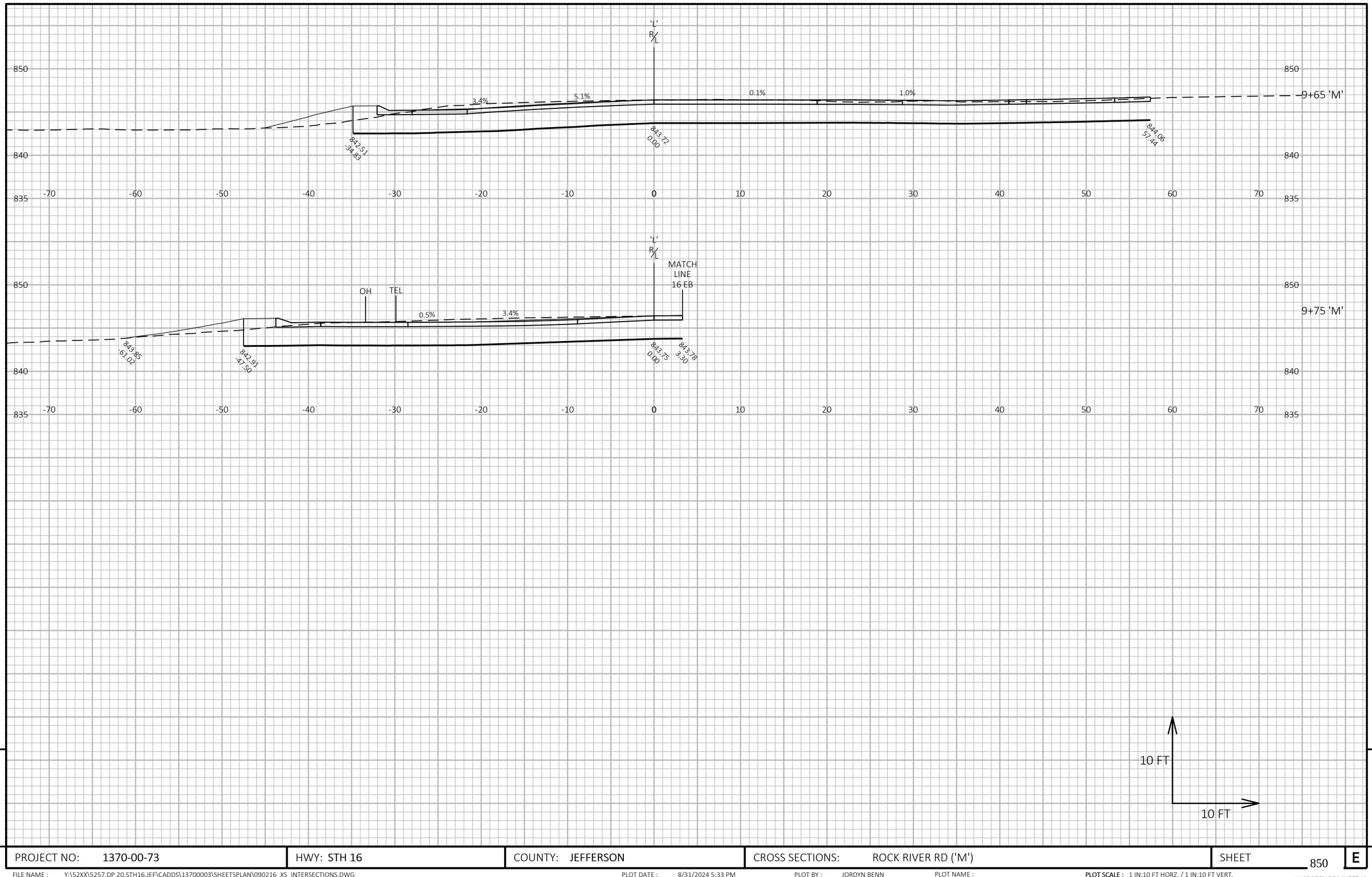
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: ROCK RIVER RD ('M')	SHEET 849	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Rock-S1

PLOT DATE : 8/31/2024 5:33 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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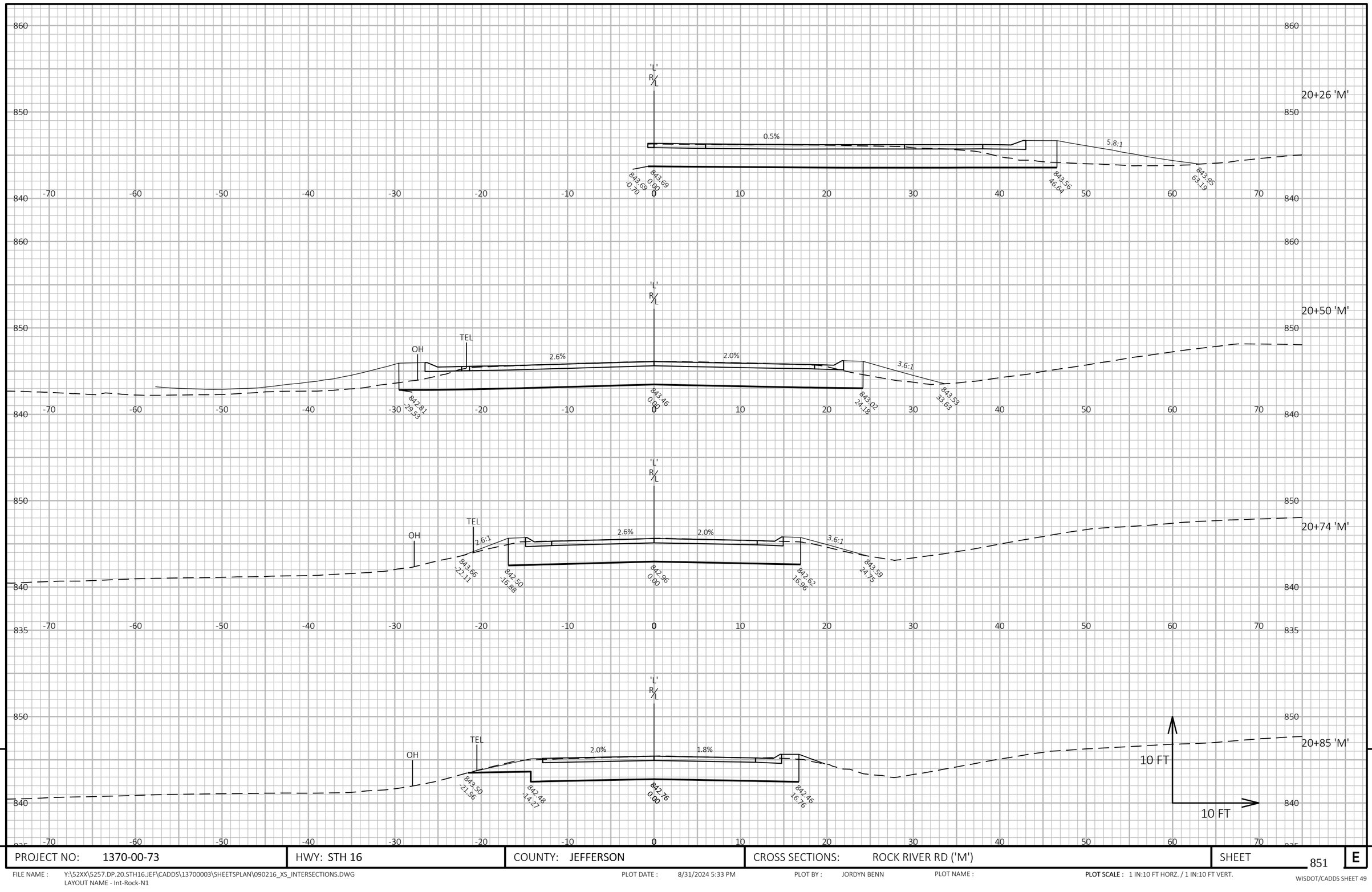
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: ROCK RIVER RD ('M')	SHEET 850	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Rock-S2

PLOT DATE : 8/31/2024 5:33 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

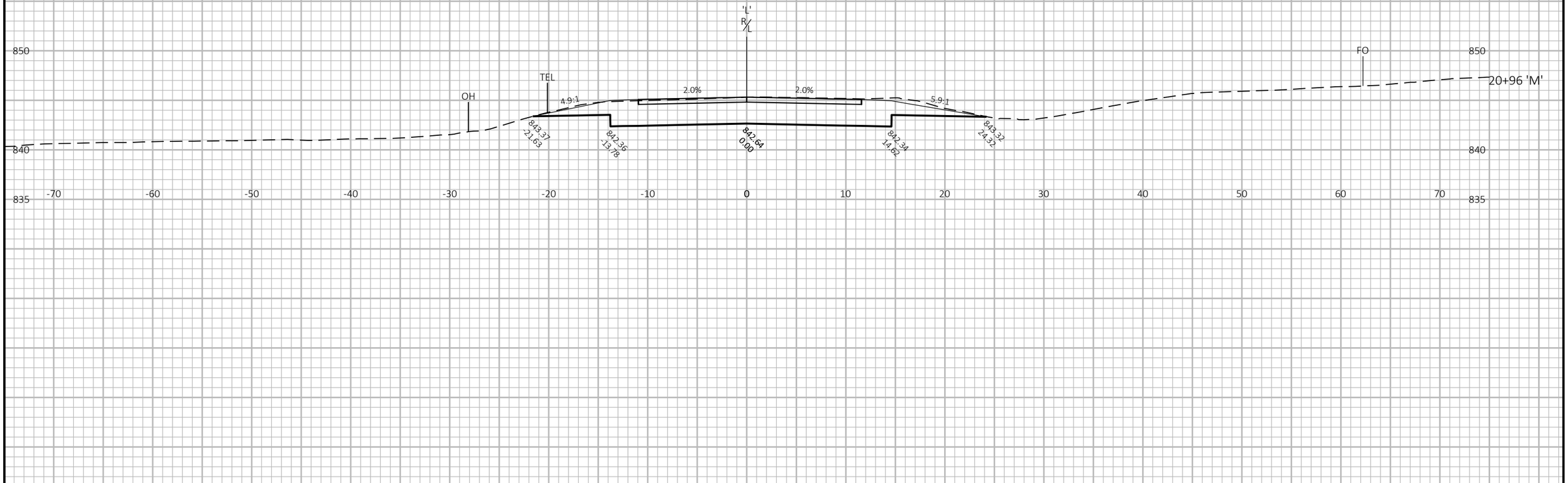


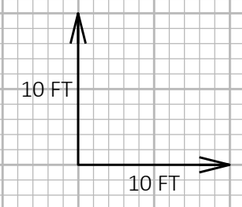
PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: ROCK RIVER RD ('M')	SHEET 851	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Rock-N1

PLOT DATE : 8/31/2024 5:33 PM PLOT BY : JORDYN BENN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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9

PROJECT NO: 1370-00-73	HWY: STH 16	COUNTY: JEFFERSON	CROSS SECTIONS: ROCK RIVER RD ('M')	SHEET 852	E

FILE NAME : Y:\52XX\5257.DP.20.STH16.JEF\CADDS\13700003\SHEETSPLAN\090216_XS_INTERSECTIONS.DWG
LAYOUT NAME - Int-Rock-N2

PLOT DATE : 8/31/2024 5:33 PM PLOT BY : JORDYN BENN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

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